



Agenda

Council Meeting | Thursday, April 4, 2024 | 9:00 AM | Council Chambers

Page

A. CALL TO ORDER

B. ADOPTION OF AGENDA

C. ADOPTION OF MINUTES

4 - 9

1. **County Council Meeting Minutes**
[Council Meeting - 07 Mar 2024 - Minutes](#)

D. PUBLIC HEARINGS - 10:00 A.M.

10 - 498

1. **Bylaw 24-007 - Lethbridge County Land Use Bylaw - Public Hearing**
[Bylaw 24-007 - Land Use Bylaw - Public Hearing](#)

E. DEPARTMENT REPORTS

E.1. DEVELOPMENT & INFRASTRUCTURE

499 - 509

- E.1.1. **Bylaw 23-014 - Road Closure, Sale and Consolidation- 2nd and 3rd Reading**
[Bylaw 23-014 - Road Closure, Sale and Consolidation - 2nd and 3rd Reading](#)

510 - 529

- E.1.2. **Bylaw 24-004 - Re-designate Plan 1611089 Blocks 1 Lot 1 and Plan 1611089 Block 2 Lot 1 from Rural Urban Fringe to Direct Control- First Reading**
[Bylaw 24-004 - Plan 1611089 Block 1 and 2 - First Reading.](#)

530 - 705

- E.1.3. **Bylaw 24-002 - Chin Grouped Country Residential Area Structure Plan and Bylaw 24-003 Land Use Bylaw Amendment (Rural Urban Fringe to Grouped Country Residential and Business Light Industrial) - First Reading**
[Bylaw 24-002 - Chin Grouped Country Residential Area Structure Plan and Bylaw 24-003 Land Use Bylaw Amendment - First Reading](#)

E.2. CORPORATE SERVICES

706 - 711

E.2.1. **2023 Year End Surplus/Deficit Report**
[2023 Year End Surplus/Deficit Report](#)

E.3. ADMINISTRATION

E.3.1. **Appointment of Director of Emergency Management and Deputy Director of Emergency Management**

E.4. OPERATIONS

F. CORRESPONDENCE

712 - 713

1. **Alberta Municipal Affairs - 2024 Minister's Awards for Municipal and Public Library Excellence**
[Aberta Municipal Affairs - 2024 Minister's Awards fro Municipal & Public Library Excellence](#)

714

2. **Alberta Municipal Affairs - PERC Extension**
[Municipal Affairs - PERC Extension](#)

715 - 720

3. **Alberta Municipal Affairs - Assessment Model Review Engagement**
[Alberta Municipal Affairs - Assessment Model Review Engagement](#)

721

4. **Readymade Community Association - A Celebration of Indigenous Culture**
[Readymade Community Association - A Celebration of Indigenous Culture](#)

722

5. **Lethbridge & District Exhibition - Whoop-Up Day Pancake Breakfast Request**
[Lethbridge & District Exhibition - Whoop-Up Days Pancake Breakfast Request](#)

723 - 724

6. **Alberta Environment & Protected Areas**
[Alberta Environment & Protected Areas](#)

G. COUNTY COUNCIL AND COMMITTEE UPDATES

725 - 728

1. **Lethbridge County Council Attendance Update - February 2024**
[Lethbridge County Council Attendance Update - February 2024](#)

H. CLOSED SESSION

1. **Water Sharing Memorandum of Understanding (FOIP Section 21 - Disclosure harmful to intergovernmental relations)**

2. **Tax Assessment Information (FOIP Section 21 - Disclosure harmful to intergovernmental relations)**

3. **CAO Report - C. Beck (FOIP Sections 16, 17, 23 and 24)**

I. NEW BUSINESS

J. ADJOURN



MINUTES

Council Meeting

9:00 AM - Thursday, March 7, 2024
Council Chambers

The Council Meeting of Lethbridge County was called to order on Thursday, March 7, 2024, at 9:00 a.m., in the Council Chambers, with the following members present:

PRESENT: Reeve Tory Campbell
Deputy Reeve John Kuerbis
Councillor Lorne Hickey
Councillor Mark Sayers
Councillor Eric Van Essen
Councillor Klaas VanderVeen
Chief Administrative Officer Cole Beck
Director, Operations Jeremy Wickson
Director, Development & Infrastructure Devon Thiele
Director, Corporate Services Jennifer Place
Executive Assistant Candice Robison
Manager, Planning & Development Hilary Janzen
Senior Planner Steve Harty

A. CALL TO ORDER

Reeve Tory Campbell called the meeting to order at 8:59 a.m.

Reeve Campbell read the following land acknowledgement:

In the true spirit of reconciliation, we acknowledge all those who call this land home now and for thousands of years in the past. May we respect each other and find understanding together and recognize the benefits that this land provides to all of us.

A.1. Introductions

Mattie Watson, Communications and Marketing Strategist introduced the new Communications Coordinator Kelsey Janzen.

CAO Cole Beck introduced Justin Ellis, Specialist - Process Excellence.

B. ADOPTION OF AGENDA

The following item was added to the agenda:

H.3. - Closed Session -CAO Update - C. Beck (FOIP Section 21 - Disclosure harmful to Intergovernmental Relations & Section 27 - Legal and other privileged information of a public body)

410-2024	Deputy Reeve Kuerbis	MOVED that the March 7, 2024 Lethbridge County Council Meeting Agenda be adopted as amended.	CARRIED
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C. ADOPTION OF MINUTES

C.1. County Council Meeting Minutes

411-2024 Councillor Sayers MOVED that the February 15, 2024 Lethbridge County Council Minutes be adopted as presented.

CARRIED

D. DELEGATIONS

D.1. 9:00 a.m. - RCMP - Sgt. Mike Numan

Sgt. Mike Numan was present to provide Council the RCMP quarterly update.

F. DEPARTMENT REPORTS

F.2. ADMINISTRATION

F.2.1. Shaughnessy Community Hall - Request for Letter of Support

412-2024 Councillor VanderVeen MOVED that Lethbridge County provide a letter of support to the Shaughnessy Community Association for their Community Facility Enhancement Program grant application for insulation and siding for the gym's outside walls.

CARRIED

G. CORRESPONDENCE

G.1. Alberta Municipal Affairs - ICF Engagement

Council reviewed correspondence from Alberta Municipal Affairs regarding Intermunicipal Collaboration Framework engagement.

G.2. Town of Coaldale

Council reviewed correspondence from the Town of Coaldale expressing their thanks for the County's commitment and financial support for the 2024 Southern Alberta Summer Games.

D. DELEGATIONS

D.2. 9:30 a.m. - MP Thomas

MP Rachel Thomas was present to connect with Council and to understand Council's priorities and how best to advocate for them.

Reeve Campbell recessed the meeting at 10:20 a.m.

Reeve Campbell reconvened the meeting at 10:30 a.m.

D.3. 11:00 a.m. - Lyle Adams - Picture Butte Rural Crime Watch

Lyle Adams from the Picture Butte Rural Crime Watch was present to advise Council that the Picture Butte Rural Crime Watch will be dissolving due to lack of uptake in memberships and information from the community.

E. SUBDIVISION APPLICATIONS

**E.1. Subdivision Application #2024-0-008 – Coles
- Lot 1, Block 1, Plan 9510246 within SE1/4 32-9-20-W4**

413-2024 Councillor VanderVeen MOVED that the Agricultural & Country Residential subdivision of Lot 1, Block 1, Plan 9510246 within SE1/4 32- 9-20-W4M (Certificate of Title No. 161 112 663, 951 028 482), to reconfigure (property line adjustment) an existing 3.00-acre (1.21 ha) title and reduce it in size to 2.00-acres (0.81 ha) for country residential use; BE APPROVED subject to the following:

CONDITIONS:

1. That, pursuant to Section 654(1)(d) of the Municipal Government Act, all outstanding property taxes shall be paid to Lethbridge County.
2. That, pursuant to Section 655(1)(b) of the Municipal Government Act, the applicant or owner or both enter into and comply with a Development Agreement with Lethbridge County which shall be registered concurrently with the final plan against the title(s) being created.
3. That the applicant submits a surveyed plan as prepared by an Alberta Land Surveyor that certifies the exact location and dimensions of the parcels being subdivided and consolidated. The titles and portions of land to be subdivided and consolidated to reconfigure the boundaries (property line) of the two adjacent parcels, is to be done by a plan prepared by a certified Alberta Land Surveyor in a manner such that the resulting titles cannot be further subdivided without approval of the Subdivision Authority.

CARRIED

**E.2. Subdivision Application #2024-0-007 – Slingerland/Stoutjesdy
- Lots 1 & 2, Block 1, Plan 1113094 within NE1/4 27-10-23-W4M**

414-2024 Councillor Van Essen MOVED that the Country Residential subdivision of Lots 1 & 2, Block 1, Plan 1113094 within NE1/4 27-10-23- W4M (Certificate of Title No. 141 291 676, 111 280 548 +1), to reconfigure the property boundaries (property line adjustment) and size of two adjacent titled properties, 3.13 and 2.25 acres (1.265 & 0.909 ha) in size, by subdividing and consolidating 0.3 acres to create titles 2.83 & 2.55 acres (1.14 & 1.03 ha) in size for country residential use; BE APPROVED subject to the following:

CONDITIONS:

1. That, pursuant to Section 654(1)(d) of the Municipal Government Act, all outstanding property taxes shall be paid to Lethbridge County.
2. That, pursuant to Section 655(1)(b) of the Municipal Government Act, the applicant or owner or both enter into and comply with a Development Agreement with Lethbridge County which shall be registered concurrently with the final plan against the title(s) being created.
3. That the titles and portions of land to be subdivided and consolidated to reconfigure the boundaries (property line) of the two adjacent parcels, is to be done by a plan prepared by a certified Alberta Land Surveyor in a manner such that the resulting titles cannot be further subdivided without approval of the Subdivision Authority.
4. That the applicant provides a final plan as prepared by an Alberta Land Surveyor to register the reconfigured titles as approved.
5. That the applicant removes or relocates the existing garage primarily located on the south lot so that there will be no resulting physical building encroachments over the newly adjusted property line. Confirmation of the removal of the garage must be submitted to the satisfaction of the Subdivision Authority prior to final endorsement of the subdivision.

CARRIED

E.3. Subdivision Application #2024-0-010 – Johnson - SE1/4 20-11-21-W4M

415-2024 Councillor Sayers MOVED that the Country Residential subdivision of SE1/4 20-11-21-W4M (Certificate of Title No. 001 205 913), to subdivide a 2.51-acre (1.02 ha) first parcel out subdivision from a ¼-section title of 147.20-acres (59.57 ha) for country residential use; BE APPROVED subject to the following:

CONDITIONS:

1. That, pursuant to Section 654(1)(d) of the Municipal Government Act, all outstanding property taxes shall be paid to Lethbridge County.
2. That, pursuant to Section 655(1)(b) of the Municipal Government Act, the applicant or owner or both enter into and comply with a Development Agreement with Lethbridge County which shall be registered concurrently with the final plan against the title(s) being created.
3. That the applicant submits a final plan of survey as prepared by an Alberta Land Surveyor that corresponds to the approved parcel being subdivided.
4. That the applicants demonstrate and verify to the satisfaction of the municipality that they have installed a separate new cistern to service the subdivided lot entirely within the confines of the subdivided lot property boundaries.
5. That any easement(s) as required by ATCO Gas shall be established as deemed necessary.

CARRIED

E.4. Subdivision Application #2024-0-017 – Steperski - NE1/4 34-13-20-W4M

416-2024 Deputy Reeve Kuerbis MOVED that the Country Residential subdivision of NE1/4 34-13-20-W4M (Certificate of Title No. 011 220 892 +2), to subdivide a 6.17-acre (2.50 ha) first subdivision from a title of 157.83 acres (63.87 ha) for country residential use; BE APPROVED subject to the following:

CONDITIONS:

1. That, pursuant to Section 654(1)(d) of the Municipal Government Act, all outstanding property taxes shall be paid to Lethbridge County.
2. That, pursuant to Section 655(1)(b) of Municipal Government Act, the applicant or owner or both enter into and comply with a Development Agreement with Lethbridge County which shall be registered concurrently with the final plan against the title(s) being created.
3. That the applicant provides a final Plan of Surveyor to illustrate the exact dimensions and parcel size of the proposed parcel as approved.
4. That the easement(s) as required by Fortis Alberta shall be established, as deemed necessary by the municipality.

CARRIED

F. DEPARTMENT REPORTS

F.1. DEVELOPMENT & INFRASTRUCTURE

F.1.1. Bylaw 24-007 - Lethbridge County Land Use Bylaw - First Reading

417-2024 Councillor Van Essen MOVED that Bylaw 24-007 be read a first time.

CARRIED

H. **CLOSED SESSION**

H.1. - Conference Remuneration Discussion (FOIP Section 25 - Disclosure harmful to economic and other interests of a public body)

H.2. - CPO Program Discussion (FOIP Section 21 - Disclosure harmful to Intergovernmental Relations)

H.3. - CAO Report - C. Beck (FOIP Section 21 - Disclosure harmful to Intergovernmental Relations & Section 27 - Legal and other privileged information of a public body)

418-2024 Councillor Sayers MOVED that the Lethbridge County Council Meeting move into Closed Session, pursuant to Section 197 of the Municipal Government Act, the time being 11:21 a.m. for the discussion on the following:

H.1. - Conference Remuneration Discussion (FOIP Section 25 - Disclosure harmful to economic and other interests of a public body)

H.2. - CPO Program Discussion (FOIP Section 21 - Disclosure harmful to Intergovernmental Relations)

H.3. - CAO Report - C. Beck (FOIP Section 21 - Disclosure harmful to Intergovernmental Relations & Section 27 - Legal and other privileged information of a public body)

Present during the Closed Session:
Lethbridge County Council
Chief Administrative Officer
Senior Management
Administrative Staff
CARRIED

419-2024 Deputy Reeve Kuerbis MOVED that the Lethbridge County Council Meeting move out of the closed session at 1:33 p.m. CARRIED

Reeve Campbell reconvened the regular meeting at 1:33 p.m.

H.1. **Conference Remuneration Discussion (FOIP Section 25 - Disclosure harmful to economic and other interests of a public body)**

420-2024 Councillor Sayers MOVED that Deputy Reeve Kuerbis's expense claim for the Panwest Conference be approved. CARRIED

H.2.

Lethbridge & District Exhibition

421-2024 Councillor Hickey MOVED to appoint Cole Beck, CAO and Jennifer Place, Director Corporate Services as the Lethbridge County appointees to the Lethbridge & District Exhibition Board. CARRIED

I. **NEW BUSINESS**

J. ADJOURN

422-2024 Councillor Van Essen MOVED that the Lethbridge County Council Meeting adjourn at 1:35 p.m.

CARRIED

Reeve

CAO

AGENDA ITEM REPORT



Title: Bylaw 24-007 - Lethbridge County Land Use Bylaw - Public Hearing
Meeting: Council Meeting - 04 Apr 2024
Department: Development & Infrastructure
Report Author: Hilary Janzen

APPROVAL(S):

Devon Thiele, Director, Development & Infrastructure
Cole Beck, Chief Administrative Officer

Approved - 19 Mar 2024
Approved - 21 Mar 2024

STRATEGIC ALIGNMENT:



Governance



Relationships



Region



Prosperity

EXECUTIVE SUMMARY:

Lethbridge County Administration in collaboration with the Oldman River Regional Services Commission has completed a review of the Land Use Bylaw and is proposing significant updates.

RECOMMENDATION:

- County Council give second reading to Bylaw 24-007.
- County Council give third reading to Bylaw 24-007.

REASON(S) FOR RECOMMENDATION(S):

Proceeding with first reading of the bylaw will allow County Administration to set up the Public Hearing time and date.

PREVIOUS COUNCIL DIRECTION / POLICY:

- Bylaw 1404 - Current Lethbridge County Land Use Bylaw was approved on October 17, 2013.
- Bylaw 24-007 received first reading on March 7, 2024

BACKGROUND INFORMATION:

The current Land Use Bylaw 1404 was approved by County Council in October of 2013. As the Bylaw was approaching the 10 year mark, County Administration began a comprehensive review of the Land Use Bylaw in May of 2023.

Review Process and Public Consultation

Over the course of the review County Administration held three workshops with County Council to review the Land Use Bylaw and determine areas that required updates.

Public Consultation occurred at various stages of the review process. The public consultation was mainly done through the County's public consultation platform "What's Happening Lethbridge County", the County also utilized the local paper (Sunny South News), the main County website and app, and radio news spots. County Administration wrote 5 articles that described the proposed changes and provided opportunity for comments and feedback.

County Administration sent out a preliminary circulation to all the urban municipalities that are within the boundaries of Lethbridge County and received feedback on the proposed changes to the Urban Fringe Districts.

The final draft of the Land Use Bylaw was posted on the County's website and sent to all the adjacent municipalities and external agencies for review. Some of the requested changes requested by the adjacent municipalities have been included in the final draft attached to this report.

Proposed Amendments

Below are highlights of the proposed changes to the Land Use Bylaw. The detailed tracked changes can be found in the final draft of the Land Use Bylaw.

General Changes:

The following changes are being proposed, with most aiming to clarify existing guidelines, streamline the development process or allow for more time for permit holders to complete development:

- Remove the "developments not requiring a permit" section and adding it as its own distinct section of the Land Use Bylaw. This will make it easier for users to find what developments do or do not require a permit.
- Remove the requirement for solar collectors mounted on roofs or walls to have a development permit. This change will streamline the process for residents and businesses looking to install solar panels on their home or business.
- Relocate the section on the number of dwellings allowed on a parcel to be included with each individual land use district. This will provide clarity within each district on the number of dwellings that are permitted.
- Align language to provincial requirements with regard to incomplete applications.
- Add a section to clarify requirements when applying for a development that is a change of use (i.e. where no new building is being constructed)
- Expand the validity period of a development permit from 12 months to 24 months. This would apply to most of the development permits within the County, as we recognize that developments are taking longer for permit holders to complete.
- Expand the validity period of a development permit for large-scale industrial and commercial renewable energy projects from 12 months to 48 months. This would apply to a small number of development permits but allows industry and renewable energy projects more time to complete without having to reapply for a new development permit.
- Add a new section outlining the process for withdrawing a development permit. The current Land Use Bylaw does not have a process for withdrawal and there is a lack of clarity on how a permit holder can do so.
- Add a section regarding the amendment of a development permit once issued.

Land Use District Changes:

- Remove the specific setback to irrigation canals in all land use districts, the proposed setback would be the standard minimum setback of 6.1 metres (20 feet) to the property line.
- Combine the Lethbridge Urban Fringe and Rural Urban Fringe District into one Urban Fringe District

- specific land uses are noted to be prohibited within the Urban Fringe areas of some municipalities to minimize conflicts between non-compatible uses and to respect some land use difference between the Rural Urban Fringe District and the new Urban Fringe District.
- Remove the Hamlet Manufactured Home District which is currently only in place in the Hamlet of Monarch
- Remove the Rural Heavy Industrial District which has never been applied to any parcel within the County. The uses that are specific to this district can be relocated as a discretionary use in the Rural General Industrial District
- Rural Recreation District
 - move some discretionary use to permitted uses (i.e. boat docks, marinas, minor recreation, riding academies/equestrian facilities)
 - Add residences as a permitted use (singular residence only)
 - Add additional/multiple residences as a discretionary use
- Rural Agricultural District
 - Add Abattoirs, Short Term Rentals, and Cryptocurrency as a discretionary uses
- Grouped Country Residential District
 - Add shipping containers as a discretionary use
 - Increased the size and height of accessory buildings
- Business Light Industrial District
 - Add Farmer's Market as a discretionary use
- Hamlet Residential
 - Add Short Term Rentals as a discretionary use
 - Increased the height of accessory buildings
 - Added additional regulations with regards to Manufactured Home Parks
- Hamlet Transitional/Agricultural District
 - updated uses to match current land use bylaw terminology

Changes to Standards of Development:

- Expansion of the Hazardous Industries location criteria (moved from the Rural Agricultural District to Part 5)
- Expansion of Home Occupation criteria to allow for larger home-based businesses within the County.
- Allow for signage to be within the development setback of a road or property line where freestanding or lawn signage is permitted as use.
- Include industrial developments to the definition of mixed-use developments addressing parcels that have multiple industrial land uses.
- Include language regarding stand-alone personal workshops to clarify that this use is specific to parcels where there is not a residence on the property within the Urban Fringe and Agricultural Districts.
- Alternative/Renewable Energy Development:
 - Add enhanced language for solar collector facilities (commercial scale) to address impact to County roads.
 - Add enhanced language for solar collector facilities (commercial scale) to address weed control and soil erosion control measures.
 - Removed the different categories of Wind Energy Conversion Systems, so there will only be individual (personal) and commercial scale types of Wind Energy Conversion Systems.
 - Add enhanced language for Wind Energy Conversion Systems to address the impact to County roads.
 - Add enhanced language for Wind Energy Conversion Systems to address weed control and soil erosion control measures.

- Reduce the setback for Wind Energy Conversion Systems to the total height of the tower.
- Telecommunication, Radio-communication, and Broadcast Antenna Systems and Supporting Structures Siting Protocol
 - Update the language of what antenna structures can be excluded from siting protocol to align with Industry Canada to clarify those structures that require a municipal development permit and those that will not.

Subdivision Criteria Changes:

- Clarify policy 1(10) to address subdivided parcels more clearly and what this means.
- Allow for a parcel to be subdivided as long as it meets the Minimum Distance Separation to a Confined Feeding Operation. Currently a parcel cannot be subdivided at all if the parcel contains a confined feeding operation even if the proposed subdivision would meet the Minimum Distance Separation.
- Remove Sections 9 (Horticultural Use) which is covered in the new policy for Non-Residential Uses.
- Revise Section 10 (Industrial/Commercial Uses) to address subdivision of parcels for parcels designated in one of the commercial or industrial land use districts.
- Add a new section, Non-Residential Uses, to address subdivisions in the rural and urban fringe districts that may be non-residential in nature (i.e. horticulture, nursery, kennel, minor recreation).

Land Use Map Changes:

- Update the mapping to reflect the amalgamation of the Rural Urban Fringe District and Lethbridge Urban Fringe District into one new Urban Fringe District.
- Update the mapping to reflect changes made to the Urban Fringe District as a result of the Lethbridge County and Village of Barons Intermunicipal Development Plan and the Lethbridge County and Town of Coaldale Intermunicipal Development Plan.
- Update the mapping to rezone lands currently under the Hamlet Manufactured Home (HMH) District (which will be eliminated) to Hamlet Residential (HR) which allows for manufactured homes as a use.

Minor Text Amendments:

- Minor text and wording amendments through out the Land Use Bylaw to provide clarity.
- Update relevant agency names.

Comments From Adjacent Municipalities

The Draft Land Use Bylaw was circulated to all the adjacent municipalities, irrigation districts, Alberta Transportation, and the area school districts for their review and comment. Concerns were expressed by the City of Lethbridge, Village of Baron, Town of Nobleford, and the Town of Coalhurst primarily in regard to the proposed land uses. No other municipality or agency expressed any concerns with the proposed Land Use Bylaw.

The City of Lethbridge had the following concerns regarding the new Urban Fringe District:

- Inclusion of the 304.8 meter setback to residences for dog kennels
 - This was addressed and included in the Urban Fringe District as requested
- "isolated country residential development" not defined in the Land Use Bylaw
 - This is in the Land Use Bylaw Definitions under County Residential, Isolated
- noted duplication of section for development application referrals
 - the duplication was removed
- wording of section 19 (now section 18)
 - section reworded to provide clarity on the referral to adjacent municipalities

The City also had concerns with the revised Rural General Industrial District (the amalgamation of the Heavy Industrial District and the Rural Industrial District) and the inclusion of Anhydrous Ammonia and Chemical Processing Facilities that may be close to the City of Lethbridge.

- County Administration reviewed this concern in detail and determined that the uses being listed as discretionary provided a safeguard to any adjacent municipality and that they would have the opportunity to respond to a referral.
- County Administration also amended Part 5 Section 21 (previously section 18) as follows:
HAZARDOUS INDUSTRIES (Red text was added, crossed out text was deleted)
Hazardous industries are those uses as defined in Part 9, Definitions, and typically include uses that may be detrimental to public health, safety or welfare beyond the boundaries of the site or parcel upon which it is situated. For such uses, the following shall apply:

REFERRALS

- (1) The Development Authority shall solicit and consider the comments of Alberta Environment ~~and Protected Areas~~ and Alberta Health Services before making a decision on a development application concerning a hazardous industry.
- (2) The Development Authority shall solicit and consider the comments of an urban municipality before making a decision on a development application which proposes to establish or enlarge a hazardous industry ~~within the boundary or referral area policies in an Intermunicipal Development plan.~~
 - ~~(a) less than 3.2 kilometres (2 miles) from the boundaries of any jurisdiction; and~~
 - ~~(b) consider any relevant policies in the Intermunicipal Development Plan.~~
- (3) Prior to a decision being made on a hazardous industry, the Development Authority may hold a public meeting in order to solicit the views of the public in regard to the application.

GENERAL LOCATION

- (4) The Development Authority may require that a hazardous industry shall be located in a designated heavy industrial land use district and specified area, in accordance with the Municipal Development Plan.
- (5) ~~Unless otherwise authorized in the bylaw, development of hazardous or noxious uses shall be discouraged:~~
 - ~~(a) within a designated hamlet;~~
 - ~~(b) less than 4.8 km (3 miles) from the boundary of a city;~~
 - ~~(c) less than 3.2 km (2 miles) from a town, village or designated hamlet with a population of more than 500;~~
 - ~~(d) less than 1.6 km (1 mile) from a town, village or designated hamlet with a population of less than 500;~~
 - ~~(b) within the boundary of an Intermunicipal Development plan where the plan policies do not allow for such consideration;~~
- (c) ~~less than 0.8 km (½ mile) from an existing or approved residence;~~
 - ~~(d) less than 0.8 km (½ mile) from an existing or approved grouped country residential development;~~
 - ~~(e) less than 1.6 km (1 mile) from a provincial, regional or municipal park or recreation area;~~
 - ~~(f) less than 0.8 km (½ mile) from either side of a designated highway, unless the parcels is redesignated specifically to accommodate the use, conforms to the policy directions of the Municipal Development Plan, or is provided for in an area structure plan approved by Alberta Transportation;~~
 - ~~(g) within such distance of other roads as designated scenic, tourist or recreational access roads as established in a municipal bylaw;~~
 - ~~(h) adjacent to water bodies; or~~

- (i) adjacent to an environmentally sensitive or regionally significant area; unless the Development Authority or Subdivision Authority is satisfied that suitable measures and high operational standards will be undertaken and maintained to minimize any nuisance, hazard or noxious effect on vicinity land uses and it is therefore reasonable and appropriate to approve the use.
- (6) Unless a use deemed to be hazardous or noxious is specifically listed as a permitted or discretionary use in the land use district, such applications shall require a redesignation to the appropriate industrial land use district prior to the Development Authority making a decision on these types of development permits.

The City also expressed concerns that "Industrial Processing and Manufacturing", "Recycling Depots" and "Recycling Soils" were not a defined use

- The definitions were included and the reference to "Light and Heavy Industrial Processing and Manufacturing" was removed
- Recycling Depots and Recycling Soils were also included in the definitions section

The Village of Barons had concerns with some of the uses proposed in the Urban Fringe District and wording around Section 5(3). Section 5(3) stated:

"Where any parcel or part of a parcel has frontage on a City of Lethbridge roadway, special standards for setbacks, access, and service roadways may be required in consultation with the City of Lethbridge; or, as stipulated in any intermunicipal agreement or intermunicipal development plan adopted between the two municipalities."

- The Village of Barons was included in Section 4(1) to exclude the uses of concern similar to how the other urban municipalities were addressed.
- Section 5(3) was amended to refer to all adjacent municipalities not just the City of Lethbridge.

The Town of Nobleford had concerns with some of the uses proposed in the Urban Fringe District, wording around Section 5(3), and increasing the 20 foot setback where development was directly adjacent to the town.

- The Town of Nobleford was included in Section 4(1) to exclude the uses of concern similar to how the other urban municipalities were addressed.
- Section 5(3) was amended to refer to all adjacent municipalities not just the City of Lethbridge.
- County Administration reviewed the concern regarding the 20 foot setback and determined that it would not be amended as it is a minimum setback that applies to all properties in the County.

The Town of Coalhurst had concerns with the wording of Section 5(3)

- Section 5(3) was amended to refer to all adjacent municipalities not just the City of Lethbridge.

ALTERNATIVES / PROS / CONS:

Option 1: County Council may deny second reading of the bylaw if there are concerns with Land Use Bylaw as drafted.

Pros - County Administration could address any concerns through additional workshops with County Council and the public and bring back a revised bylaw.

Cons - The approval process would be delayed.

Option 2: County Council may table first reading of the bylaw and request additional changes or information from County Administration.

Pros - County Administration could address any concerns through additional workshops with County Council and the public and bring back an updated bylaw.

Cons - The approval process would be delayed.

FINANCIAL IMPACT:

There is no financial impact that would result from the approval of Bylaw 24-007 being the Lethbridge County Land Use Bylaw.

LEVEL OF PUBLIC PARTICIPATION:

Inform Consult Involve Collaborate Empower

ATTACHMENTS:

[Bylaw 24-007 - Signed First Reading](#)

[Leth Co FINAL DRAFT Land Use Bylaw 24-007 - FORMATTED - Feb 22 2024](#)

[ATEC Comments - January 25 2024](#)

[Barons Comments January 25 2024](#)

[City of Lethbridge Comments - Jan 26 2024](#)

[Coalhurst Comments January 26 2024](#)

[County of Warner Comments](#)

[MD of Taber Comments January 15 2024](#)

[MDWC Comments re Lethbridge County LUB amendments](#)

[Nobleford Comments](#)

[County LUB update and amendment - Submission Letter to County Council- March 26](#)

**LETHBRIDGE COUNTY
IN THE PROVINCE OF ALBERTA**

BYLAW NO. 24-007

Bylaw No. 24-007 of Lethbridge County being a bylaw for the purpose to adopt a new Land Use Bylaw pursuant to Section 640 of the Municipal Government Act, R.S.A. 2000, Chapter M-26.

WHEREAS the purpose of Bylaw No. 24-007 is to:

- Update and establish standards and procedures regarding the use, development and subdivision of land within the municipality;
- Expand and update the Administrative section of the bylaw, to provide more detail and clear regulations pertaining to processing, application requirements, public notification, making decisions, enforcement, and applying conditions to development permit and subdivision applications;
- Incorporate new or amended development standards for land uses within Lethbridge County;
- Update and amend the Land Use Districts;
- Amend the existing Land Use District maps to reflect land use re-designations and update Land Use Districts names; and
- Comply with the provisions of the Municipal Government Act, RSA 2000, Chapter M-26, as amended.

AND WHEREAS the purpose of Bylaw No. 24-007 is to foster orderly growth and development within Lethbridge County;

AND WHEREAS a public hearing was conducted in accordance with Section 692 of the Municipal Government Act.

NOW THEREFORE, under the authority of the Municipal Government Act, R.S.A. 2000, C-26, as amended, the Council of Lethbridge County in the Province of Alberta duly assembled does hereby enact the following:

1. Bylaw No. 1404, being the former Land Use Bylaw and any amendments is rescinded, except for Bylaws No. 1246, 1372, 1389, 1397, 1456, 17-007, 18-018, 18-029, 19-004, 19-031, 19-032, 20-014, 21-018 for Direct Control Districts which are deemed to continue in full force and effect and are incorporated in Bylaw No. 24-007.
2. Bylaw No. 24-007 shall come into effect upon third and final reading thereof.
3. Bylaw No. 24-007 is hereby adopted.

GIVEN first reading this 7 day of March 2024.



Reeve



Chief Administrative Officer

GIVEN second reading this _____ day of _____, 20__.

Reeve

Chief Administrative Officer

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GIVEN third reading this _____ day of _____, 20_____.

Reeve

Chief Administrative Officer

1 st Reading	
Public Hearing	
2 nd Reading	
3 rd Reading	



LAND USE BYLAW

No. 24-007

DRAFT - February 2024

Prepared for Lethbridge County



in collaboration by



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PART 1

ADMINISTRATIVE



LAND USE BYLAW NO. 24-007

BYLAW NO. 24-007 OF LETHBRIDGE COUNTY IS FOR THE PURPOSE OF ADOPTING THE LETHBRIDGE COUNTY LAND USE BYLAW IN ACCORDANCE WITH SECTION 692 OF THE MUNICIPAL GOVERNMENT ACT, REVISED STATUTES OF ALBERTA 2000, CHAPTER M-26, AS AMENDED (MGA).

WHEREAS the Council has adopted a new Municipal Development Plan in 2022;

AND WHEREAS the existing Land Use Bylaw No. 1404 has been in effect since the year 2013;

AND WHEREAS Council wishes to update the Land Use Bylaw to reflect changes that have occurred and more effectively implement land use controls, address new development guidelines for certain types of uses, and foster orderly growth and development in the County;

NOW THEREFORE, the Council of Lethbridge County, duly assembled, hereby enacts the following:

PART 1

ADMINISTRATIVE

Enactment

1. TITLE

This bylaw may be cited as the Lethbridge County Land Use Bylaw No. 24-007.

2. DATE OF COMMENCEMENT

This bylaw shall come into effect upon third and final reading thereof.

3. REPEAL OF FORMER LAND USE BYLAW

Bylaw No. 1404, being the current Land Use Bylaw of Lethbridge County and any amendments thereto is hereby repealed upon third and final reading of this bylaw, with the exception of specified amending bylaws for Direct Control districts which are hereby deemed to continue in full force and

effect and are hereby incorporated into this Bylaw, unless otherwise amended or repealed (see Part 3, Direct Control – DC land use district).

4. DEFINITIONS

For definitions refer to Part 9, Definitions.

5. METRIC MEASUREMENTS AND STANDARDS

For the purpose of applying the standards of the bylaw, the metric standards as specified in this bylaw are applicable. Imperial measurements and standards are provided for convenience only.

6. RULES OF INTERPRETATION

- (1) Unless otherwise required by the context, words used in the present tense include the future tense; words used in the singular include the plural; and the word person includes a corporation as well as an individual. Unless otherwise stipulated, the *Interpretation Act*, Chapter I-8, RSA 2000 as amended, shall be used in the interpretation of this bylaw. Words have the same meaning whether they are capitalized or not.
- (2) The written regulations of this bylaw take precedence over any graphic or diagram if there is a perceived conflict.
- (3) The Land Use Districts Map takes precedence over any graphic or diagram in the district regulations if there is a perceived conflict.

7. PARTS, MAPS AND APPENDICES

- (1) Parts 1 through 10, attached hereto, form part of this bylaw.
- (2) Appendices A, B and C attached hereto are for information purposes only and may be amended from time to time as they do not form part of the Lethbridge County Land Use Bylaw.
- (3) For the purposes of administering the provisions of this bylaw, Council may authorize by separate resolution or bylaw as may be applicable, the preparation and use of such fee schedules, forms or notices as in its discretion it may deem necessary. Any such fee schedules, forms or notices are deemed to have the full force and effect of this bylaw in execution of the purpose for which they are designed, authorized and issued.
- (4) In any case, where the required fee is not listed in the fee schedule, such fee shall be determined by the Development Authority and shall be consistent with those fees listed in the schedule for similar developments

8. COMPLIANCE WITH AND CONTRAVENTION OF THE LAND USE BYLAW

A person who develops land or a building in the municipality shall conform with:

- (a) the use or uses prescribed in Part 3 – Land Use Districts and Regulations;
- (b) the applicable standards and requirements of development specified in Parts contained in this bylaw;

- (c) any conditions attached to a development permit if one is required.

Approving Authorities

9. SUBDIVISION AUTHORITY

- (1) The Subdivision Authority is authorized to make decisions on applications for subdivisions pursuant to the Subdivision Authority Bylaw, and may exercise only such powers and duties as are specified:
 - (a) in the Lethbridge County Subdivision Authority Bylaw;
 - (b) in this bylaw; or
 - (c) by resolution of Council.
- (2) The Subdivision Authority may delegate, through any of the methods described in subsection (1) above, to any individual, municipal staff, or a regional services commission, any of its required functions or duties in the processing of subdivision applications. In respect of this:
 - (a) the delegation of duties by the Subdivision Authority may include the authorized entity being responsible for determining the completeness of a submitted subdivision application;
 - (b) the Subdivision Authority delegate is authorized to carry out the application process with subdivision applicants as described in the Subdivision Application Rules and Procedures section of the bylaw, including the task of sending all required notifications to applicants as stipulated.

10. DEVELOPMENT AUTHORITY

- (1) The Council shall, by resolution, appoint one or more persons to the office of Development Authority to act in the position of the Development Authority in accordance with the Development Authority Bylaw.
- (2) In accordance with section 210 of the *Municipal Government Act* and for the purpose of this bylaw the Development Authority shall be the designated Development Officer, or any other appointment made by resolution of Council in accordance with the Development Authority Bylaw.
- (3) The Development Authority is an authorized person in accordance with section 624 of the *Municipal Government Act* for the purpose of applying this bylaw and Part 17 of the *MGA*.
- (4) The Development Authority may exercise only such powers and duties as are specified:
 - (a) in the Lethbridge County Development Authority Bylaw;
 - (b) in this bylaw;
 - (c) in the *Municipal Government Act*; or
 - (d) by resolution of Council.
- (5) The Development Authority is responsible for:

- (a) receiving, processing, deciding upon and, as appropriate, referring all applications for a development permit in accordance with this bylaw and determine whether a development permit application is complete in accordance with Part 1, Section 24;
 - (b) maintaining a register of all applications together with their disposition and other relevant details;
 - (c) maintaining for the inspection of the public during office hours, a copy of this bylaw and all amendments thereto and ensure that copies of the same are available for public purchase;
 - (d) municipal inspections and enforcement in accordance with sections 542, 545, 546 of the MGA, including issuing warning letters of contraventions and Stop Orders; and
 - (e) signature evidence in accordance with section 630 of the MGA, including signing the issuance of development permits, decisions (approvals or refusals) and compliance certificates or letters.
- (6) Council shall be responsible for considering and deciding upon development permit applications for any Direct Control district but may choose to delegate the decision-making authority to the Development Authority if specified within the regulations of the direct control bylaw adopted.

11. SUBDIVISION AND DEVELOPMENT APPEAL BOARD (SDAB)

The Subdivision and Development Appeal Board (SDAB) is established by separate bylaw pursuant to the *Municipal Government Act*, and may exercise such powers and duties as are specified in this bylaw, the MGA and the Subdivision and Development Appeal Board Bylaw.

Subdivision and Development in General

12. LAND USE DISTRICTS

- (1) The municipality is divided into those land use districts specified in Part 3 – Land Use Districts and Regulations and depicted on the Land Use Districts Maps in Part 10.
- (2) Part 3 prescribes the one or more uses of land or buildings that are:
 - (a) permitted in each land use district with or without conditions; and/or
 - (b) discretionary in each land use district with or without conditions; and/or
 - (c) prohibited in each land use district.
- (3) An application for a land use that is not listed as a permitted or discretionary use, but which is reasonably similar in character and purpose to a permitted or discretionary use in that district may be deemed a similar use by the Development Authority in accordance with Section 31 (Similar Uses).
- (4) An application for a land use not listed as a permitted or discretionary use or not deemed a similar use in a district is a prohibited use and shall be refused.

13. DEVELOPMENT NOT REQUIRING A DEVELOPMENT PERMIT

- (1) Certain developments may be exempted by the municipality from the requirement of obtaining development permits, provided the standards of the land use bylaw are met. Any land use or development exempted under this section are as prescribed in accordance with Part 2, Development Not Requiring a Development Permit.

14. DEVELOPMENT IN MUNICIPALITY GENERALLY

- (1) A person who develops land or a building in the municipality shall comply with the applicable standards and requirements of development specified in this bylaw, in addition to complying with the use or uses prescribed in the applicable land use district and any conditions attached to a development permit if one is required.
- (2) The issuance of a subdivision or development approval pursuant to this bylaw does not preclude the applicant and/or their agent from the obligation to obtain any additional municipal, provincial, or federal approvals that may be required before, during or after the subdivision or development process.

15. NON-CONFORMING BUILDINGS AND USES

A non-conforming building or use may only be continued in accordance with the conditions detailed in the *Municipal Government Act*.

16. DEVELOPMENT ON NON-CONFORMING SIZED LOTS

- (1) Development on an existing registered non-conforming sized lot that does not meet the minimum requirements for lot length, width or area specified in the applicable land use district in Part 2 may be permitted at the discretion of the Development Authority.
- (2) The Development Authority is authorized to permit development on existing registered non-conforming sized lots for permitted uses where the Subdivision Authority issued a variance(s) to the minimum requirements for lot length, width and/or area as part of a subdivision approval.

17. NON-CONFORMING USE VARIANCES

The Development Authority is authorized to exercise minor variance powers with respect to non-conforming uses pursuant to section 643(5)(c) of the *Municipal Government Act*.

18. NUMBER OF DWELLINGS ON A LOT

- (1) The municipality may regulate through this bylaw the number, density, and type of dwellings permissible on a parcel or lot.
- (2) No person shall construct or locate, or cause to be constructed or located, more than one dwelling unit on a parcel or lot except when permitted by the land use district or unless authorized by the Development Authority through the issuance of a development permit in accordance with Part 3, Land Use Districts and Regulations and Part 4, General Land Use Provisions.

19. MUNICIPAL APPROVAL FOR ENCROACHMENTS

- (1) A landowner or developer is required to obtain permission from the municipality for any improvement or structure that may be located over an easement or utility right-of-way in favour of the municipality or one of its utility agency designates.
- (2) In situations where a development may be exempt from obtaining a development permit, the landowner or developer is still required to obtain permission from the municipality for any improvement or structure that may be located over an easement or utility right-of-way in favour of the municipality or one of its utility agency designates. Notwithstanding that no permit may be required, the municipality, at their prerogative, may deny the placement of structures or improvements over an easement or right-of-way and may also order the removal or relocation of such.

20. SUITABILITY OF SITES

- (1) Notwithstanding that a use of land may be permitted or discretionary or considered similar in nature to a permitted or discretionary use in a land use district, the Subdivision Authority may refuse to approve the subdivision of a lot and the Development Authority may refuse to issue a development permit if, the relevant Authority is made aware or if in their opinion, the site of the proposed subdivision, building or use is not safe or suitable based on the following:
 - (a) the site does not have safe legal and physical access to a developed, maintained public road in accordance with municipal requirements or those of Alberta Transportation if within 300 metres (984 ft.) of a provincial highway;
 - (b) has a high water table which makes the site unsuitable for foundations and/or sewage disposal systems in accordance with provincial regulations;
 - (c) is situated on an unstable slope;
 - (d) consists of unconsolidated material unsuitable for building;
 - (e) is situated in an area which may be prone to flooding, subsidence or erosion;
 - (f) does not comply with the requirements of any Provincial Land Use Policies or Regional Plan, Subdivision and Development Regulations, Municipal Development Plan or applicable conceptual design scheme or area structure plan;
 - (g) is situated over an active or abandoned coal mine or oil or gas well or pipeline;
 - (h) would expose the structure itself and/or people living and working there to risk from the operations of a nearby airstrip;
 - (i) is unsafe due to contamination by previous land uses;
 - (j) has an inadequate or unsafe water supply;
 - (k) is incompatible with all existing and approved uses of surrounding land;
 - (l) is situated closer to a confined feeding operation than the minimum distance separation recommended by the formulas established in the *Agricultural Operation Practices Act (AOPA)*;
 - (m) does not meet the lot size and/or setback requirements of this bylaw;

- (n) would prevent or interfere with the natural and economic extension of a nearby developed area, a coal mine, an oil or gas field, a sewage treatment plant, a waste disposal or transfer site, a gravel pit, a pipeline or a road system; or
 - (o) is subject to any easement, caveat, restrictive covenant or other registered encumbrance which makes it impossible to build on the site.
- (2) Nothing in this section shall prevent the Subdivision Authority from approving a lot or prevent the Development Authority from issuing a development permit if the Authority is satisfied that there is no risk to persons or property or that these concerns will be met by appropriate engineering measures acceptable to the municipality.

21. CONTAMINATED LANDS AND BROWNFIELD DEVELOPMENT

- (1) Any application for either subdivision or development that is proposed on lands or in an area known or deemed to potentially contain contaminated lands, or is the site of former chemical, pesticide, heavy industrial, railway associated, oil and gas processing or storage, gas station, automotive related uses or other similar type uses, may be subjected to special information requirements and conditions, including but not limited to, professional engineering and geotechnical studies, environmental assessments, water reports and soils analysis being submitted to the municipality in addition to the other bylaw requirements.
- (2) Notwithstanding that a use of land may be permitted or discretionary in a land use district, the Development Authority or Subdivision Authority may:
- (a) refuse to issue a development permit or approve a subdivision, if the relevant Authority is of the opinion that the site of the proposed development or use is not safe or poses a potential health or liability risk, based on the information provided; or
 - (b) if approving a development permit or subdivision, place conditions on the approval to mitigate or address potential or identified hazards, health risks, contamination or site specific land concerns, including but not limited to:
 - (i) providing professional remediation, reclamation or clean-up of the parcel or site at the applicant or land owner's expense;
 - (ii) limiting or restricting development on the parcel or applying special setbacks to address the location of improvements on site;
 - (ii) providing professional engineering or geotechnical reports bearing the seal of a licensed engineer to support or verify any aspects of the proposal or condition of the land;
 - (iv) having the land owner or applicant post bonds or other security as it relates to the estimated costs of the reclamation or clean-up of the parcel;
 - (v) signing a legal agreement to indemnify and save harmless the municipality from all potential actions, suits, damages, or claims as it relates to the development of the land and any development permit being issued or subdivision approval;
 - (vi) any other reasonable conditions to ensure the development or subdivision may be approved as safe as reasonably possible and is suitable for the land.

22. MINIMUM DISTANCE SEPARATION CALCULATIONS

For the purpose of this bylaw, unless specified otherwise, all minimum distance separation calculations that apply between residential uses and neighbouring Confined Feeding Operations shall be consistent with the processes and formulas established in the *Agricultural Operation Practices Act (AOPA)*. Relaxations or waivers of the application of the minimum distance separation may be considered by the Development Authority or Subdivision Authority in circumstances as outlined in the bylaw, the applicable land use district, or the applicable subdivision criteria.

23. ARCHITECTURAL CONTROLS

- (1) Some areas within the County may have architectural control guidelines in place for the construction of new buildings. Architectural control review of plans must be approved by the Developers' Architectural Control Approval Officer prior to the County accepting a development permit application.
- (2) The Development Authority, Subdivision Authority, or Council on a bylaw redesignation or area structure plan bylaw application:
 - (a) may require architectural control guidelines to be submitted for review and approval by the municipality prior to subsequently being registered on title; and
 - (b) may stipulate specific development standards, land or building restrictions to be applied or included in the covenants.
- (3) The County shall not be held responsible for private restrictive covenants with regard to the enforcement of any applicable architectural controls.

Development Permit Applications – Rules and Procedures

24. DEVELOPMENT PERMIT APPLICATIONS

- (1) Except as provided in Part 2 – Development Not Requiring A Development Permit, no person shall commence a development unless he has been issued a development permit in respect of the development.
- (2) An application for a development permit must be made to the Development Authority by providing the following:
 - (a) a completed application form (Form A of Appendix B);
 - (b) the applicable fees prescribed in accordance with the County's fee schedule bylaw;
 - (c) an accurate and legible site plan, if the application involves new buildings, structures or additions to existing buildings or structures, acceptable to the Development Authority indicating:
 - (i) legal description of the lot;
 - (ii) if the proposal involves buildings or structures, the location of existing and proposed development setbacks in relation to lot boundaries (property lines) and roads drawn to scale;

- (iii) north arrow and scale;
 - (iv) easements or utility rights-of-way present on the title, roads, water bodies, topography, vegetation and other physical features of the land to be developed; and
 - (d) depending on the type of development proposal and whether it includes buildings, other information that may be required at the discretion of the Development Authority includes:
 - (i) floor plans, elevations and sections at a minimum scale of 1:200 or such other scale as required by the Development Authority; and
 - (ii) studies of projected traffic volumes, utilities, landscaping, urban design, parking, social and economic effects, environmental impact assessment, slope, soil, flood plain, sun and wind impact studies, stormwater management plan, drainage plans, or any other information as required by the Development Authority;
 - (iii) the Development Authority will require that any studies be professionally prepared;
 - (e) for parcels where architectural control guidelines are in place, documentation that the proposal meets the applicable architectural control guidelines;
 - (f) any such other information as may be required at the discretion of the Development Authority in order to accurately evaluate the application and determine compliance with the land use bylaw or other government regulations;
 - (g) any other information as required by the General Land Use Provisions Standards of Development, Use Specific Land Use Provisions, or other parts of this bylaw.
- (3) An application for a development permit must be made by the registered owner of the land on which the development is proposed or, with the written consent of the registered owner, by any other person.
- (4) An application for a development permit will be evaluated primarily on the information submitted by the applicant and Lethbridge County shall not be held liable for information unknown or which should have been disclosed by the applicant.

25. ADDITIONAL INFORMATION REQUIREMENTS

The Development Authority may require proof of ownership or right to land in question and may require a surveyor's certificate as verification of location of any development on said land. The provision of geotechnical information, soil analysis or percolation tests, soil or slope stability analysis and/or the preparation of a conceptual design scheme or an area structure plan may be required from the applicant prior to a decision being rendered on a development application to determine the suitability of the land for the proposed use.

26. INCOMPLETE DEVELOPMENT PERMIT APPLICATIONS

- (1) The Development Authority shall, within 20 days after the receipt of an application in accordance with Section 24 for a development permit, determine whether the application is complete.
- (2) An application is complete if, in the opinion of the Development Authority, the application contains the documents and other information necessary to review the application.

- (3) The time period referred to in subsection (2) may be extended by an agreement in writing between the applicant and the Development Authority.
- (4) If the Development Authority does not make a determination referred to in subsection (2) within the time required under subsection (2) or (4), the application is deemed to be complete.
- (5) If a Development Authority determines that the application is complete, the commencement of processing the application by the Development Authority is an acknowledgement to the applicant that the submitted information and application is deemed to be complete. The Development Authority may also issue to the applicant a written Notice of Completeness acknowledging that the application is complete, delivered by hand, mail or electronic means.
- (6) Where the information required under Sections 24 and 25 (Development Permit Applications and Additional Information Requirements) is incomplete, or where, in the opinion of the Development Authority, the quality of the material supplied is inadequate to properly evaluate the development application, the Development Authority may deem the application incomplete and request the required information be provided.
- (7) If the Development Authority determines that the application is incomplete, the Development Officer shall issue to the applicant a written notice indicating that the application is incomplete and specifying the outstanding documents and information to be provided, including but not limited to those required by Section 24(2) and 25. A submittal deadline date for the outstanding documents and information shall be set out in the notice or a later date agreed on between the applicant and the Development Authority in order for the application to be considered complete.
- (8) If the Development Authority determines that the information and documents submitted under subsection (7) are complete, the Development Officer shall issue to the applicant a written Notice of Completeness acknowledging that the application is complete, delivered by hand, mail, or electronic means.
- (9) If the required documents and information under subsection (7) have not been submitted to the Development Authority within the timeframe prescribed in the notice issued under subsection (7), the Development Officer shall return the application to the applicant accompanied by a written Notice of Refusal stating the application is deemed refused and the reasons for refusal.
- (10) Despite issuance of a Notice of Completeness under subsection (6) or (8), the Development Authority in the course of reviewing the application may request additional information or documentation from the applicant that the Development Authority considers necessary to review the application.

27. FAILURE TO MAKE A DECISION – DEEMED REFUSAL

- (1) In accordance with section 684 of the *Municipal Government Act*, an application for a development permit shall, at the option of the applicant, be deemed to be refused and may be appealed when the decision of the Development Authority is not made within 40 days of receipt of the completed application.

- (2) Notwithstanding Section 27(1), the applicant and Development Authority may agree and sign a time extension agreement in accordance with section 684 of the *MGA* to extend the 40-day decision time period.

28. PROCESSING PERMITTED USE APPLICATIONS

- (1) Upon receipt of a completed application for a development permit for a permitted use, the Development Authority shall, if the application otherwise conforms to this bylaw, issue a development permit with or without conditions.
- (2) Notwithstanding that a use of land may be permitted in a land use district, the Development Authority may place any or all of the following conditions to ensure any concerns over the suitability of the land and development are satisfied:
 - (a) requirement for applicant to enter into a development agreement pursuant to the *Municipal Government Act*;
 - (b) payment of any applicable off-site levy or redevelopment levy;
 - (c) the provision of a professional geotechnical investigation/test and report to ensure the site is suitable in terms of topography, stability, soil characteristics, flooding subsidence, erosion and sanitary sewerage servicing;
 - (d) require access to be provided so the site will be legally and physically accessible to a developed municipal road or if within 300 metres (984 ft.) of a provincial highway will meet the requirements of Alberta Transportation;
 - (e) stipulate the alteration of structure or building sizes or locations to ensure any setback requirements of this land use bylaw or the Subdivision and Development Regulation can be met;
 - (f) provision of easements and/or encroachment agreements;
 - (g) any reasonable measures to ensure compliance with the requirements of this land use bylaw or any other statutory plan adopted by Lethbridge County;
 - (h) any measures to ensure compliance with applicable federal, provincial and/or other municipal legislation and approvals;
 - (i) any measures to adequately ensure applicable provincial legislation such as the *Safety Codes Act* is complied with or not compromised, and the requirement to submit documentation of such to the County;
 - (j) the provision of a surveyor's sketch or plan from an engineer illustrating improvements and existing and/or proposed lot grades and surface drainage;
 - (k) the filing of pertinent engineering reports prior to construction commencing.

29. PROCESSING DISCRETIONARY USE APPLICATIONS

- (1) Upon receipt of a completed application for a development permit for a discretionary use, the Development Authority may issue a development permit with or without conditions.

- (2) Prior to making a decision on a development permit for a discretionary use, the Development Authority shall notify and consider the comments of an adjacent municipality, if the proposed location is:
 - (c) within the boundary area of land subject to an intermunicipal development plan adopted by the County and the affected adjacent municipality, in which case, the relevant referral and comments policies stipulated in that plan must be followed.
- (3) Prior to making a decision on a development permit for a discretionary use, the Development Authority shall notify or cause to be notified any persons likely to be affected in accordance with Section 33.
- (4) Upon the issuance of a development permit, the Development Authority shall immediately cause a notice to be published in a newspaper circulating in the area stating the location of the property for which the application has been made and the use approved.
- (5) The Development Authority may place any or all of the conditions outlined in Section 28(2) on a development permit for a discretionary use in any land use district to ensure that any concerns over the suitability of the development are satisfied, in addition to any other reasonable planning conditions to ensure the quality of a development and its compatibility with other existing and approved uses in the area.

30. APPLICATIONS REQUESTING WAIVERS OF BYLAW PROVISIONS

- (1) The Development Authority is authorized to decide upon an application for a development permit notwithstanding that the proposed development does not comply with this bylaw if, in the opinion of the Development Authority:
 - (a) the proposed development would not:
 - (i) unduly interfere with the amenities of the neighbourhood; or
 - (ii) materially interfere with or affect the use or enjoyment or value of neighbouring properties; and
 - (b) the proposed development conforms with the use prescribed for that land or building in Part 2.
- (2) Upon receipt of a completed application for a development that does not comply with this bylaw, but in respect of which the Development Authority is requested by the applicant to exercise its discretion under Section 30(1), the Development Authority shall evaluate the application and may issue a development permit with or without conditions.
- (3) For any request for a waiver of the bylaw provisions that exceed 10%, the Development Authority shall notify or cause to be notified any persons likely to be affected in accordance with Section 32.
- (4) For a permitted use requesting a waiver or variance of bylaw standards the Development Authority may, in addition to imposing any of the conditions in Section 28(2), stipulate other conditions to ensure the compatibility of the development and limit negative impacts to adjacent land uses as determined necessary by the Development Authority.

- (5) The Development Authority, or the Subdivision and Development Appeal Board on an appeal, do not have the authority to waive or vary an applicable standard of the bylaw, if a section or policy specifically states that the standard is not to be waived or varied.

31. SIMILAR USES

- (1) Where an application is made for any proposed use which is not specifically listed in any land use district but which may be similar in character and purpose to other uses listed in the land use district in which such use is proposed, the Development Authority shall, at the request of the applicant:
 - (a) notify or cause to notify the affected persons pursuant to Section 33.
 - (b) rule whether or not that the proposed use is similar to either a permitted or discretionary use in the land use district in which it is proposed; and
 - (c) if the use is deemed similar to a permitted or discretionary use listed in the land use district in which it is proposed, the application shall be reviewed as a discretionary use and a development permit may be issued with or without conditions after consideration of any responses to the notifications of persons likely to be affected by the development.
- (2) If the use is not deemed similar to a permitted or discretionary use listed in the land use district in which it is proposed, the development permit shall be refused.

32. CHANGE OF USE

- (1) Where, in the opinion of the Development Authority, a proposed new land use is deemed to be a change of use from existing development the applicant or developer shall be required to apply for a development permit for a change of use of the buildings or land. In such situations, the following shall apply:
 - (a) A change of use is applicable where a developer is proposing to change a previously approved development to a different use that is materially different, is defined separately in the bylaw as a use, or cannot be deemed similar in nature to the existing use or is likely to result in a change in the intensity of use of the land or building.
 - (b) The new use being proposed for the building or land must be a use that is listed as either permitted or discretionary in the applicable land use district.
 - (c) The proposed change of use development permit must be processed in accordance with the processing and notification requirements of this bylaw and is subject to the development standards applicable to the new proposed use.

33. NOTIFICATION OF PERSONS LIKELY TO BE AFFECTED

- (1) Where notification of persons likely to be affected is required under Sections 29, 30(3), 31, 32 and 35, the Development Authority shall, at least seven (7) days before making a decision on the application:
 - (a) mail written notice of the application to:
 - (i) the owners of land likely to be affected by the issuance of a development permit;

- (ii) an adjacent municipality, if in the opinion of the Development Authority, the proposed development could have an impact upon land uses in the adjacent municipality to the County boundary, or if there is a requirement to do so in any applicable Intermunicipal Development Plan; and
 - (iii) any other persons, government department or referral agency that is deemed to be affected; or
- (b) cause similar notice to be published in a newspaper circulating in the municipality where the application is located; or
 - (c) cause a similar notice to be posted in a conspicuous place on the property; or
 - (d) any combination of the above.
- (2) In all cases, notification shall:
- (a) describe the nature and legal location description of the proposed use;
 - (b) state the date when the Development Authority will consider the application; and
 - (c) state the process for receipt of written submission on the application.
- (3) For the purposes of applying Section 33(1), any landowner adjacent to or within 60 meters of the parcel subject to the development application shall be considered an affected person and shall be notified. A greater notification distance may be applied, if in opinion of the Development Authority, such notification is warranted or it is required for specific land uses as required in the land use districts, Standards of Development or Specific Use Provisions of the bylaw.

34. PROHIBITED USES

Where a use is not specifically listed in a land use district as either discretionary or permitted and is not deemed to be similar in nature in accordance with Section 31, then that use is prohibited in that land use district and shall be refused.

35. TEMPORARY USES

- (1) Where, in the opinion of the Development Authority, a proposed use is of a temporary nature:
- (a) the Development Authority may issue a temporary development permit valid for a period not exceeding three years;
 - (b) it shall be a condition of every temporary development permit that the municipality shall not be liable for any costs involved in the cessation or removal of any development at the expiration of the permitted period;
 - (c) the Development Authority may require the developer(s) to post security guaranteeing the cessation or removal of work at the end of the period;
 - (d) the use must be a permitted or discretionary use, or determined to be similar in nature to a permitted or discretionary use in accordance with Section 31.

- (2) Notification of persons likely to be affected, including government departments and referral agencies shall be in accordance with Section 33.
- (3) Upon the expiration of the temporary permit an applicant may reapply for a temporary development permit, and at the discretion of the Development Authority, it may approve for a maximum of one additional time a temporary development permit for the same or similar use for a period not exceeding three years.

36. DIRECT CONTROL DISTRICTS

- (1) Upon receipt of a completed application for a development permit in a Direct Control District, the Development Authority shall refer the application to Council for a decision, except where the decision-making authority has been delegated to the Development Authority.
- (2) In accordance with section 641(4)(a) of the *Municipal Government Act*, there is no appeal to the Subdivision and Development Appeal Board for a decision on an application for a development permit in a Direct Control District where Council was the decision-making authority.

37. DEVELOPMENT PERMIT NOTIFICATION

- (1) A decision of the Development Authority on an application for a development permit must be issued in writing in accordance with the following subsection (3)(a).
- (2) Upon the approval of the application and the issue of a development permit, the Development Authority shall immediately notify or cause to be notified, any persons likely to be affected or who have the right to appeal the decision of the Development Authority in accordance with the procedure in Section 33. The following notification processes shall be used:

PERMITTED USE PERMITS

- (3) Upon issuance or refusal of a development permit for a permitted use that complies with this Bylaw, the Development Authority shall:
 - (a) send to the applicant a letter by regular postal mail, or send by electronic means, or both, or by any other method as may be agreed to between the applicant and Development Authority, a written notice of decision; and
 - (b) notify persons likely to be affected by either:
 - (i) posting a copy of the decision in a prominent place in the Lethbridge County Administration Building for at least 21 days, or
 - (ii) publishing a notice of the decision in a newspaper circulated within the municipality, or
 - (iii) publishing a notice of the decision on the County's website; or
 - (iv) any combination of the above.

ALL OTHER PERMITS

- (4) Upon issuance or refusal of a development permit for a discretionary use, similar use, temporary use, or an application involving a waiver, the Development Authority shall:

- (a) send a letter by regular postal mail, or send by any other method as may be agreed to between the applicant and Development Authority, a written notice of decision to the applicant; and
- (b) notify persons likely to be affected by either:
 - (i) mailing a copy of the decision to those persons, departments and agencies, or
 - (ii) publishing a notice of the decision in a newspaper circulated within the municipality, or
 - (iii) publishing a notice of the decision on the County's website, or
 - (iv) post a notice of the application in a conspicuous place on the property, or
 - (v) any combination of the above.

DECISION TIMEFRAMES

- (5) Upon issuance of a decision, the Development Officer will give or send a copy of the written decision, which includes the date on which the decision was made, to the applicant on the same day the decision is made.

For the purposes of subsection (5), the "date on which the decision was made" means:

- (a) the date the Development Authority signs the notice of decision or development permit, or
- (b) the date the decision is posted in the newspaper, whichever occurs later.

Additional Conditions

38. DEVELOPMENT AGREEMENTS

- (1) The Development Authority or Subdivision Authority may require with respect to a development or subdivision that as a condition of approval, the applicant enter into an agreement, in accordance with the *Municipal Government Act*, to:
 - (a) construct or pay for the construction of public roadways, access or parking areas;
 - (b) install or pay for the installation of utilities, and/or any municipal service mutually agreed upon;
 - (c) pay for an off-site levy or redevelopment levy imposed by bylaw;
 - (d) provide security or post bonds as it relates to covering the estimated costs of construction for roads and the installation of necessary utility infrastructure.
- (2) A more detailed development agreement may be required from a developer or applicant where the proposal includes:
 - (a) an internal road system;

- (b) a potable water distribution system or community septic treatment system;
- (c) a comprehensive storm water management system; or
- (d) any local improvement which would eventually be owned or maintained by Lethbridge County.

39. CONDITIONS TO PROVIDE SECURITY

The Development Authority or Subdivision Authority has the authority to request as a condition of approval, the posting of security or bonds to be provided by the applicant to ensure that development permit or subdivision approval conditions are met. The appropriate authority or their designate(s) has the sole discretion to authorize the release of such funds, only when it has been suitably demonstrated to their satisfaction that the conditions have been completed to the requirements and standards of the municipality.

40. OFF-SITE LEVIES AND DEVELOPMENT FEES

If a person applies for a development permit or subdivision approval, he/she may be required to pay an off-site levy fee and a development fee in respect of land that is to be developed or subdivided to pay for all or part of the capital costs, in accordance with the current bylaws in effect.

41. OCCUPANCY PERMIT OBLIGATIONS

- (1) The applicant and/or registered owner of an approved development permit shall be required to obtain an occupancy permit before a building or use that was subject of a development permit is occupied and/or the approved use initiated.
- (2) The Development Authority may suspend or cancel the development permit through the issuance of a Stop Order and/or impose a prescribed fee or penalty on the applicant and/or registered owner if the Development Authority becomes aware that the occupancy permit has not been obtained.

Development Permit Validity and Transferability

42. REAPPLICATION

- (1) If an application for a development permit is refused by the Development Authority, or on appeal by the Subdivision and Development Appeal Board, another application for a development:
 - (a) on the same lot; and
 - (b) for the same or a similar use;shall not be made for at least six months after the date of refusal. All applicable fees shall apply.
- (2) If an application was refused solely because it did not comply with this bylaw, or was refused as an incomplete application under Section 26, another application on the same lot for the same

or similar use may be accepted before the time period referred to in Section 42(1) provided the application has been modified to comply with this bylaw. All applicable fees shall apply.

43. DEVELOPMENT COMMENCEMENT/PERMIT VALIDITY

- (1) Notwithstanding the issue of a development permit, no development authorized by the issue of a permit shall commence:
 - (a) until at least 21 days after the date on which the decision is made and the notice of the issuance of the permit is posted, published in a newspaper or deemed received, in accordance with section 686(1) of the *Municipal Government Act*; or
 - (b) if an appeal is made, until the appeal is decided upon.
- (2) Any development occurring prior to the dates determined under Section 43(1) is entirely at the risk of the applicant, developer or land owner.
- (3) Unless a development permit is suspended or cancelled, the development must be commenced and carried out with reasonable diligence in the opinion of the Development Authority within 24 months from the date of issuance of the permit, otherwise the permit is no longer valid.
- (4) An exception may be allowed to section 43(3) in circumstances of large-scale industrial developments and commercial renewable energy projects which must be commenced and carried out with reasonable diligence in the opinion of the Development Authority within 48 months.
- (5) The validity of a development permit may be extended one time by the Development Authority for up to an additional six months from the original date the permit was to expire.
- (6) If, after a development permit has been issued, the Development Authority finds a clerical, technical, grammatical, or typographical error on the issued permit which does not materially affect the permit in principle or substance (e.g., wrong permit number, applicant name, legal description or municipal address), the Development Authority may correct the error and reissue the permit with the correct information and there is no renotification required and no avenue for an appeal.

44. PERMIT TRANSFERABILITY

- (1) A valid development permit is transferable where the use remains unchanged and the development is affected only by a change in ownership, tenancy or occupancy.
- (2) When any use of land or buildings has been discontinued for a period of two years or more, any development permit that may have been issued is no longer valid and said use may not be recommenced until a new application for a development permit has been made and a new development permit issued.
- (3) The requirements of Section 44(2) also apply to developments that may have originally commenced prior to a bylaw being adopted and a permit was never issued. To recommence the development after a period of two years or more where the use has been discontinued, a new application for a development permit must be made and a new development permit issued in order for the use to be valid.

45. SUSPENSION OF A DEVELOPMENT PERMIT

- (1) If, after a development permit has been issued, the Development Authority becomes aware that:
 - (a) the application for the development permit contained misrepresentations; or
 - (b) facts concerning the application, or the development were not disclosed, and which should have been disclosed at the time the application was considered, have subsequently become known;the Development Authority may suspend or cancel the development permit by notice in writing to the holder of the development permit stating the reasons for any suspension or cancellation.
- (2) If a development permit is suspended, the Subdivision and Development Appeal Board shall review the application if an appeal is filed by the applicant and either:
 - (a) reinstate the development permit; or
 - (b) cancel the development permit if the Development Authority, as the case may be, would not have issued the development permit if the facts subsequently disclosed had been known during consideration of the application; and
 - (c) provide written reasons for the decision made.
- (7) If a permit is deemed to be no longer valid due to a discontinuance of use for the period of time with respect to section 43 (Development Commencement/ Permit Validity), the permit is no longer valid, and the development must cease.

46. WITHDRAWING A PERMIT APPLICATION OR APPROVAL

- (1) If, after a development permit application has been submitted and it has been processed by the Development Authority an applicant requests to withdraw the permit application prior to a decision being rendered, such requests must be made by the original applicant in writing to the Development Authority. If a permit application is withdrawn:
 - (a) the Development Authority shall acknowledge such by notice in writing to the applicant which may be in the form of electronic mail correspondence; and
 - (b) other than the applicant, there is no requirement to notify any other person, including those who may have originally been notified as part of an application referral process, that the applied for permit was withdrawn.
- (2) If, after a development permit application has been approved by the Development Authority the permit holder requests to withdraw and cancel the development permit, such requests must be made in writing by the permit holder to the Development Authority.
 - (a) Where a development permit is cancelled and no longer valid, all development and activities to which the development permit relates must cease upon receiving notification of the cancellation of permit by the Development Authority; and
 - (b) the processing steps in accordance with section 46(1)(a) through (b) shall apply.

47. AMENDMENT OF A DEVELOPMENT PERMIT APPLICATION OR APPROVAL

- (1) Amendment of a development permit application prior to issuance of a decision by the Development Authority may be permitted at the discretion of the Development Authority and may require renotification and recirculation fees as applicable.
- (2) Except as provided in section 47(3), amendment of a development permit application or approval after a decision has been issued by the Development Authority is not permitted except for minor modifications at the discretion of the Development Authority. Otherwise, a new development permit application is required and will be processed anew.
- (3) With respect to section 47(2), minor modifications may be accepted by the Development Authority to an approved development permit on condition that:
 - (a) the use is listed as a permitted use within the applicable land use district;
 - (b) the building size (square-footage) is not changing to be enlarged;
 - (c) if relocating the building location, it must be within 90% (up to a 10% variance allowed) of the approved permit location and does not encroach into any setbacks;
 - (d) the applicant is responsible for providing an updated site plan to the satisfaction of the Development authority; and
 - (e) the modification will not contradict or contravene any other requirements of a provincial regulation or approval, such as Alberta Transportation and Economic Corridors.
 - (f) Any approved landscaping plan may have minor changes as approved at the discretion of the Development Authority.
 - (g) Minor modifications may be accepted by the Development Authority to an approved development permit for discretionary use if relocating the building from the approved site plan provided that a building envelope was approved as part of the development permit approval. In such situations, the building may be sited anywhere within the building envelope.
 - (h) The request for minor modifications must be submitted to the Development Authority prior to commencement of the development and within 30-days of the issuance of the development permit.
- (4) If, after a notice of decision has been issued on a development permit or after a development permit has been issued, the Development Officer finds a clerical, technical, grammatical, or typographical error on the issued notice and/or permit which does not materially affect the permit in principle or substance, the Development Officer may correct the error and reissue the notice of decision and/or permit with the correct information and there is no renotification required and no avenue for an appeal.

Appeals

48. DEVELOPMENT APPEALS

Any person applying for a development permit or any other person affected by any order, decision, or development permit made or issued by a Development Authority, or any development application deemed refused in accordance with Section 27, may appeal such an order, decision or deemed refusal to the Lethbridge County Subdivision and Development Appeal Board in accordance with the procedures defined in the *Municipal Government Act*, or to the Land and Property Rights Tribunal (LPRT) where the land may be subject to a matter of provincial interest in accordance with the *Municipal Government Act* unless otherwise provided in the Regulations.

49. SUBDIVISION DECISION APPEALS

In accordance with the *Municipal Government Act* and the procedures outlined, any land owner who applied for subdivision and was refused an approval, or had conditions attached to the approval, or any subdivision application deemed refused in accordance with Section 60 or for the 60-day decision time periods prescribed in the MGA, may appeal the decision to the Lethbridge County Subdivision and Development Appeal Board, or Land and Property Rights Tribunal (LPRT) if the circumstances require it. Adjacent or affected land owners have no right to appeal under the MGA.

Enforcement

50. NOTICE OF VIOLATION

- (1) Where the Development Authority finds that a development or use of land or buildings is not in accordance with the *Municipal Government Act*, the Subdivision and Development Regulation, a development permit or subdivision approval, or this bylaw, the Development Authority may issue a notice of violation to the registered owner or the person in possession of the land or buildings or to the person responsible for the contravention.
- (2) Such notice shall state the following:
 - (a) the nature of the violation;
 - (b) corrective measures required to comply; and
 - (c) the time period within which such corrective measures must be performed.

51. STOP ORDER

- (1) In accordance with section 645(1) of the *Municipal Government Act*, the Development Authority is authorized to issue a stop order if it finds that a development, land use or use of a building is not in accordance with:
 - (a) the MGA or a land use bylaw or regulations; or
 - (b) a development permit or subdivision approval, or any conditions attached to the approval.

- (2) A person receiving a stop order under the *MGA* may, in accordance with section 645(2) of the *MGA*, appeal the order.

52. ENFORCEMENT OF STOP ORDERS

- (1) Pursuant to section 646 of the *Municipal Government Act*, if a person fails or refuses to comply with an order directed to the person under section 645 or an order of a subdivision and development appeal board under section 687, the Development Authority may, in accordance with section 542, enter on the land or building upon obtaining a court order, and take any action necessary to carry out the order.
- (2) The County may register a caveat under the *Land Titles Act* in respect of an order referred to in Section 52(1) against the certificate of title for the land that is the subject of an order.
- (3) If a caveat is registered under Section 52(2), the County must discharge the caveat when the order has been complied with.
- (4) If compliance with a stop order is not voluntarily effected, the County may undertake legal action, including but not limited to, seeking injunctive relief from the Alberta Court of Queen's Bench pursuant to section 554 of the *MGA*. In accordance with section 553 of the *MGA*, the expenses and costs of carrying out an order under section 646 of the *MGA* may be added to the tax roll of the parcel of land.

53. PENALTIES AND RIGHT OF ENTRY

- (1) Any person who contravenes any provision of this bylaw is guilty of an offence in accordance with Part 13, Division 5, Offences and Penalties of the *Municipal Government Act* and is liable to a fine of not more than \$10,000 or to imprisonment for not more than one year or to both fine and imprisonment.
- (2) In accordance with section 542 of the *MGA*, a Development Authority may, after giving reasonable notice to and obtaining consent from the owner or occupier of land upon which this bylaw or *MGA* authorizes anything to be inspected, remedied or enforced or done by a municipality:
 - (a) enter on that land at a reasonable time and carry out inspection, enforcement, or action authorized or required by the enactment or bylaw;
 - (b) request anything to be produced to assist in the inspection, remedy, enforcement or action; and
 - (c) make copies of anything related to the inspection, remedy, enforcement or action.
- (3) If a person refuses to grant consent or refuses to produce anything to assist in the inspection, remedy, enforcement or action referred to in section 542 of the *MGA*, the municipality under the authority of section 543 of the *MGA* may obtain a court order.

Amendments

54. AMENDMENTS TO THE LAND USE BYLAW

- (1) The Council may amend this bylaw at any time in accordance with the procedures detailed in section 692 of the *Municipal Government Act*.
- (2) The public may request amendments to this bylaw and all applications shall be submitted using the applicable form in Appendix B and be accompanied by any additional information, as deemed necessary by the Development Authority to process the application.
- (3) The Development Authority may refuse to accept an application if, in his/her opinion, the information supplied is not sufficient to make a proper evaluation of the proposed amendment.
- (4) The Development Authority shall forward the application to Council for consideration if he/she is satisfied sufficient information has been provided with the application.
- (5) Public hearing and notification requirements shall be in accordance with section 692 of the *MGA*.

55. LAND USE REDESIGNATION APPLICATION REQUIREMENTS

- (1) A request for redesignation from one land use district to another shall be accompanied by:
 - (a) a completed application form and the applicable fee;
 - (b) a copy of the Certificate of Title for the lands, dated not more than 60 days prior to the date on which the application was made;
 - (c) a narrative describing the:
 - (i) proposed designation and future uses(s);
 - (ii) consistency with the applicable statutory plans;
 - (iii) compatibility of the proposal with surrounding uses and zoning;
 - (iv) development potential/suitability of the site, including identification of any constraints and/or hazard areas (e.g. easements, soil conditions, topography, drainage, floodplain, steep slopes, etc.);
 - (v) availability of facilities and services (sewage disposal, domestic water, gas, electricity, fire protection, etc.) to serve the subject property while maintaining adequate levels of service to existing development; and
 - (vi) any potential impacts on public roads;
 - (d) a conceptual subdivision design, if applicable or requested by the Development Authority or Council; and
 - (e) any other information deemed necessary by the Development Authority or Council to properly evaluate the proposal.
- (2) If deemed necessary by the Development Authority, Council, or in accordance with any Municipal Development Plan or county policy, a redesignation application shall be accompanied

by a geotechnical report prepared by an engineer registered with The Association of Professional Engineers, Geologists, and Geophysicists of Alberta (APEGA), addressing the following but not limited to:

- (a) slope stability,
 - (b) groundwater,
 - (c) soil characteristics for on-site sewage,
 - (d) traffic impact analysis,
 - (e) an evaluation of surface drainage which may include downstream properties,
 - (f) environmental sensitive area studies or environmental impact analysis;
 - (g) shallow water table, and
 - (h) flood plain analysis.
- (3) An Area Structure Plan or Conceptual Design Scheme shall be required in conjunction with a redesignation application when the proposal meets the subject framework of the Municipal Development Plan criteria, or if requested by the Development Authority or Council.

56. REAPPLICATION

- (1) Where an application for an amendment to the Lethbridge County Land Use Bylaw has been defeated by Council, another application that is the same or similar in nature may not be accepted until at least 18 months after the date of defeat, unless Council applies its discretion in accordance with Section 56(2).
- (2) Council, at its sole discretion, may accept another application for an amendment to the Lethbridge County Land Use Bylaw on a bylaw that was defeated, prior to the 18 months described in Section 56(1), if the applicant applies in writing to Council and describes how the circumstances or proposal has changed to address Council's concerns on defeat of the previous bylaw, and Council is of the opinion the revised application may be accepted.

57. RESCINDING LAND USE REDESIGNATIONS AMENDING BYLAWS

- (1) Council, at its sole discretion, may rescind an amending bylaw which has redesignated certain lands within the municipality to accommodate a specific proposed subdivision and/or development within 36 months of the redesignation bylaw being given third and final reading. Council may rescind the said redesignation bylaw and rezone (redesignate) the lands back to their original designation if:
 - (a) the proposed subdivision has not been applied for, decided upon or extended; and/or
 - (b) the proposed development has not been applied for, decided upon, commenced or extended; and
 - (c) Council is satisfied that, to the best of their determination, the developer has no intentions to proceed with the proposal that was the purpose of applying for the redesignation application,

- (2) The rescinding of the redesignation bylaw shall be undertaken in accordance with section 191 of the *Municipal Government Act*.

58. NOTIFICATION TO ADJACENT MUNICIPALITIES

A draft version of any proposed:

- (a) new Land Use Bylaw; or
- (b) amendment to or the creation of an urban fringe land use district and associated Parts; or
- (c) amendment to any other land use district lying 1.6 km (1 mile) or less from the boundary of an urban or rural municipality;

shall be sent to the adjacent municipality for comments, in accordance with any policies of an intermunicipal development plan, and any comments received shall be considered prior to amendment of this bylaw.

59. SUBDIVISION APPLICATIONS

- (1) An applicant applying for subdivision shall provide the required material and information as requested by the Subdivision Authority or its designate. A completed application shall consist of:
- (a) an official application, in the manner and form prescribed, clearly and legibly filled out with all the required information and signatures provided as requested on the form;
 - (b) the applicable fees paid;
 - (c) an up-to-date and current copy of the Certificate of Title to the subject land;
 - (d) a (clear and legible) diagram, surveyor's sketch or tentative subdivision plan with dimensions and a north arrow, in the manner requested which may include the provision that it be professionally prepared as stipulated;
 - (e) provincial abandoned gas well information;
 - (f) any such other information as may be required at the discretion of the Subdivision Authority in order to accurately evaluate the application and determine compliance with the Land Use Bylaw or other government regulations. This may include but is not limited to the provision of geotechnical information, soil analysis reports, water reports, soil or slope stability analysis, drainage information, contours and elevations of the land, engineering studies or reports, wetland reports, environmental impact assessments, utility and servicing information, and/or the preparation of a conceptual design scheme or an area structure plan may be required from the applicant prior to a decision being rendered on a subdivision application to determine the suitability of the land for the proposed use;
 - (g) the consent to authorize the Subdivision Authority or its designate to carry out a site inspection on the subject land as authorized in accordance with the *Municipal Government Act (MGA)* must also be provided on the submitted application form unless determined not to be needed by the Subdivision Authority.
- (2) In accordance with the *Municipal Government Act (MGA)*, the Subdivision Authority or those authorized to act on its behalf, shall provide notification to a subdivision applicant within the

20-day prescribed time period, on whether a submitted application is deemed complete, or if it is determined to be deficient what information is required to be submitted by a specified time period, by sending notification in the following manner:

- (a) for an application deemed complete, the applicant shall be notified in writing as part of the formal subdivision application circulation referral letter;
 - (b) for an application determined to be incomplete, written notification shall be given to the applicant which may be in the form of a letter sent by regular mail to the applicant, or sent by electronic means, or both, or by any other method as may be agreed to between the applicant and Subdivision Authority;
 - (c) in respect of subsection (b) for a subdivision application determined to be incomplete, the applicant will be advised in writing as part of the Notice of Incompleteness what the outstanding or required information items are that must be submitted by the time specified in the notice.
- (3) Notwithstanding Section 59(2), the applicant and Subdivision Authority may agree and sign a time extension agreement in writing in accordance with section 653.1(3) of the *MGA* to extend the 20-day decision time period to determine whether the subdivision application and support information submitted is complete.
 - (4) A determination made by the Subdivision Authority that an application is complete for processing does not preclude the ability for the Subdivision Authority to request other information or studies to be submitted by the applicant during the review and processing period, prior to a decision being rendered, or as condition of subdivision approval.

60. INCOMPLETE SUBDIVISION APPLICATIONS

- (1) The Subdivision Authority may refuse to accept and process a subdivision application where the information required under Section 59 and/or as described in a Notification of Incompleteness has not been submitted, is determined to be deficient, is still incomplete, or in the opinion of the Subdivision Authority the quality of the material supplied is inadequate to properly evaluate the application.
- (2) If the Subdivision Authority makes a determination that the application is refused due to incompleteness, the applicant shall be notified in writing with reasons in the manner as described in subsection 59(2).
- (3) The notification provided for in subsection (b) shall include for the applicant the required information on the filing of an appeal and to which appeal board body the appeal lies, either the local appeal board or provincial Land and Property Rights Tribunal (LPRT), in accordance with the parameters of the *MGA*.



PART 2

DEVELOPMENT NOT REQUIRING
A DEVELOPMENT PERMIT

PART 2

DEVELOPMENT NOT REQUIRING A DEVELOPMENT PERMIT

DEVELOPMENT NOT REQUIRING A DEVELOPMENT PERMIT

- (1) This section does not negate the requirement of obtaining all required permits, as applicable, under the *Safety Codes Act* and any other Provincial or Federal statute.
- (2) Notwithstanding that no development permit may be required by the municipality for the uses outlined below, any development within 300 metres (984 ft.) of the limit of a provincial controlled highway or within 800 metres (2,625 ft.) from the centre point of an intersection of a controlled highway and a public road would require the benefit of a permit from Alberta Transportation. This includes dugouts, shelter belts, animal shelters, etc.
- (3) The following developments and uses shall not require a development permit:
 - (a) any use or development exempted under section 618(1) of the *Municipal Government Act*;
 - (b) any use or development exempted by the Lieutenant Governor in Council pursuant to section 618(4) of the *MGA*;
 - (c) telecommunication antenna systems that are regulated by Innovation, Science, and Economic Development Canada subject to Part 5 – Standards of Development, Section 40 (Telecommunication Antenna Siting Protocols);
 - (d) the completion of a building which was lawfully under construction at the date this bylaw came into effect provided that the building is completed in accordance with the terms and conditions of any development permit granted;
 - (e) the completion of a building that did not require a development permit under the previous land use bylaw and which was lawfully under construction provided the building is completed within 12 months from the date this bylaw came into effect;
 - (f) the use of any building referred to in Section 3(d) of this Part for the purpose for which construction was commenced;
 - (g) the installation, maintenance or repair of public works buildings, services, roads, and utilities carried out by or on behalf of federal, provincial, municipal, or public authorities on land which is publicly owned or controlled.
- (4) The following developments shall not require a development permit, but must otherwise comply with all other provisions and standards of this bylaw:
 - (a) the carrying out of works of maintenance or repair to any building, if such works do not include structural alterations or major works of renovation;

- (b) interior renovations to a building which do not:
 - (i) create another dwelling unit,
 - (ii) increase parking requirements,
 - (iii) result in the change of use of a building,
 - (iv) increase the square footage (increase density);
- (c) changing the exterior finish of a building unless it is required as a condition of an authorized development permit;
- (d) the temporary erection or placement of works, plants, machinery or structures needed solely for the undertaking or completion of construction of a development that has an approved permit, only while that construction is occurring, provided all standards of the bylaw are met;
- (e) the extensive cultivation or grazing of land;
- (f) confined feeding operations as defined and categorized (at or above the animal threshold numbers where a NRCB authorization or approval is required) in accordance with the *Agricultural Operations and Practices Act*. Notwithstanding that no development permit may be required by the municipality, any such development would require the benefit of a permit or registration approval from the Natural Resources Conservation Board (NRCB);
- (g) except for dwellings or confined feeding operations, any use, building or structure associated with extensive agriculture or grazing (including corrals, stockpiles, silage pits, hay stacks, pole-barns, fencing, grain bins, and greenhouses, potato storage, sheds and barns less than 92.9 m² (1,000 sq. ft.) do not require a development permit unless they are located within the following noted setbacks:
 - (i) within 38.1 metres (125 ft.) of the centre line of a municipal road right-of-way;
 - (ii) within 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the Highways Development Protection Regulation;
 - (iii) on a flood plain, or within 152.4 metres (500 ft.) of the boundary of a flood plain; or
 - (iv) within 30.5 metres (100 ft.) of a canal.

Note: On Rural Agriculture (RA) and Urban Fringe (UF) designated land, any extensive agriculture related use, building or structure proposed to be located within the above stipulated setback distances would require a development permit for an approved setback waiver; and, any extensive agriculture related use, building or structure 92.9 m² (1,000 sq. ft.) or greater requires a development permit. [Dwellings, additions, garages and shop buildings require a development permit.]
- (h) a dugout or pond is exempt from a development permit if the applicable setbacks to all roadways (including the required site triangle restriction) and property lines are met in accordance with the bylaw (setbacks are to include the area for berms, stockpiles and fencing associated with a dugout or pond);
- (i) with the exception of residential districts (HR, HMM, GCR), the construction of any fences in all other land use districts is exempt from a development permit provided that applicable setbacks to all roadways are met in accordance with the bylaw. In residential districts, the

erection, construction, maintenance of a gate, fence, wall or other structural means of enclosure equal to or less that regulated height as noted in Part 3 (10) of this bylaw does not require a development permit;

- (j) on lots not associated with extensive agriculture or grazing, any accessory storage building, garden shed or structure which is 9.3 m² (100 sq. ft.) or less in area that is not on a permanent foundation;
- (k) the placement of a construction trailer during the construction, alteration, or maintenance of a building for a term not to exceed two (2) years providing the trailer is removed upon occupancy or issuance of an occupancy permit, whichever occurs first and there shall be no residential occupancy of the construction trailer at any time;
- (l) the placement of storage, shipping, or c-containers (sea-containers):
 - (i) in any land use district that are temporary during the construction, alteration, or maintenance of a building (including in emergency situations to assist with remedying fire or flood conditions) or moving by the occupants, for a term not to exceed six (6) months providing the storage, shipping or c-container is removed upon completion of the construction, renovations or move by the occupants;
 - (ii) that are located in the *Rural Agriculture, Urban Fringe* land use districts provided they do not exceed two containers on a parcel at any given time (see Part 5, Section 36 for specific regulations and standards);
- (m) the use of a building or part thereof as a temporary polling station, returning officer's headquarters, candidate's campaign office and any other official temporary use in connection with a federal, provincial or municipal election, referendum or census;
- (n) the extraction and processing exclusively by Lethbridge County, its authorized agents or Alberta Transportation, of sand, gravel, or other earth materials and including asphalt or concrete mixtures for any County purpose within the County;
- (o) the stripping of any topsoil to accommodate a building or other development provided that the topsoil is not removed from the parcel concerned;
- (p) the installation of asphalt, concrete, brick, stone, wood or aggregate driveways, sidewalks, patios or steps;
- (q) landscaping that was not specially required as part of the original development permit, provided any such landscaping meets the applicable setbacks to all roadways in accordance with the bylaw;
- (r) temporary or above ground outdoor swimming pools where an excavation is not involved, and portable or above ground hot tubs smaller than 9.3 m² (100 sq. ft.);
- (s) temporary outdoor and seasonal sales businesses that are:
 - (i) not permanent (e.g. farmers markets, individual single-event farm auction or estate sales, portable or seasonal fruit and vegetable stands, Christmas tree sales, etc.) that do not operate on the site more than 30 days in a calendar year (the term *operate* includes the set-up and removal of equipment which is to be included in the 30 days);

- (ii) seasonal farm-gate sales where the stand is temporary or portable, is less than 9.3 m² (100 sq. ft.) in size, and there is a reasonable off-road parking area for vehicles and safety;
 - (t) any private communication, television or satellite dish:
 - (i) which is less than 1.0 metre (3.3 ft.) in diameter, or
 - (ii) is located on a parcel designated within the *Rural Agriculture* land use district;
 - (u) within the *Rural Agriculture* district single power generators providing power only to the property on which it is located and small wind energy conversion systems (Type A) do not require a development permit,
 - (v) in any land use district the following do not require a development permit provided they meet the applicable setbacks and standards of the Land Use Bylaw:
 - (i) individual solar collectors on roofs or wall mounted,
 - (ii) small wind energy conversion systems (SWECS) mounted on buildings or structures (as defined in this bylaw); however,
individual ground mounted solar collectors and all other power generator proposals in all land use districts must comply with the standards of the bylaw and may require a permit in accordance with Part 7 of the bylaw;
 - (w) within the *Rural Agriculture* district decks do not require a development permit provided they meet the applicable setbacks and standards of the Land Use Bylaw, but may require a building permit (the landowner is responsible for obtaining any required Safety Code approvals);
 - (x) the demolition or removal of any building or structure 9.29 m² (100 sq. ft.) or less in size, or an agricultural building located in the *Rural Agriculture* land use district, is exempt from a demolition permit (and a development permit);
 - (y) the operation of a day home does not require a development permit;
 - (z) any signs stated in Part 6 – Sign Regulations, Section 3 (Signs Not Requiring A Permit). Typically, real estate signs, election signs, garage sale signs, window signs, municipal addresses, etc. will not require a development permit;
 - (aa) individual Recreational Vehicle (RV) units (e.g., motor homes, trailers/campers) which are not considered permanent buildings or structures and are located in an approved RV park or campground do not require a development permit but must adhere to the regulations or requirements of any conceptual design scheme, area structure plan, or conceptual site plan that may be approved for the parcel.
- (5) If there is a doubt as to whether a development permit is required, the Development Authority has the discretion to make the determination and may request that a development permit application be submitted.



PART 3

LAND USE DISTRICTS AND REGULATIONS

PART 3

LAND USE DISTRICTS AND REGULATIONS

1. LAND USE DISTRICTS

The municipality is divided into those land use districts shown on the Land Use Districts Maps listed in Section 2 of this Part and shall be known by the following identifying names and symbols:

RURAL AGRICULTURE	– RA
URBAN FRINGE	– UF
GROUPED COUNTRY RESIDENTIAL	– GCR
RURAL GENERAL INDUSTRIAL	– RGI
BUSINESS LIGHT INDUSTRIAL	– BLI
RURAL COMMERCIAL	– RC
RURAL RECREATIONAL	– RR
HAMLET RESIDENTIAL	– HR
HAMLET COMMERCIAL	– HC
HAMLET INDUSTRIAL	– HI
HAMLET PUBLIC / INSTITUTIONAL	– HP/I
HAMLET DIRECT CONTROL	– HDC
HAMLET TRANSITIONAL / AGRICULTURAL	– HT/A
DIRECT CONTROL	– DC

2. LAND USE DISTRICTS MAPS (see Part 10)

(1) Lethbridge County (and detailed diagrams)

(2) Designated Hamlets of:

Chin	Kipp
Diamond City	Monarch
Fairview	Shaughnessy
Iron Springs	Turin

RURAL AGRICULTURE - RA

1. PURPOSE

To allow agriculture to continue as an important land use in the County and ensure that it can continue to operate unencumbered by conflicting land uses, while giving the County the flexibility to allow isolated non-agriculture uses in certain locations as a support to the agricultural base. The terms of the *Agricultural Operations Protection Act* apply in Lethbridge County and must be respected by both agricultural operators and non-agricultural land users.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use

Additions to Existing Buildings

Agricultural Buildings and Structures (see Part 2 - No permit required)

Alternative or Renewable Energy Facilities, Individual (see Part 7)

Day Homes (see Part 2 - No permit required and Part 5, Section 17)

Dwellings:

Single-detached Site-built

Single-detached Manufactured Home 1 (see Part 5, Section 24)

Single-detached Manufactured Home 2 (see Part 5, Section 24)

Single-detached Ready-to-move (see Part 5, Section 24)

Single-detached Moved-in (see Part 5, Section 24)

Extensive Agriculture and Grazing (see Part 2- No permit required)

Home Occupations 1 and 2 (see Part 5, Section 22)

Secondary Suites (contained within a single-detached dwelling) (see Part 5, Section 34)

Secondary Suites (detached garage) (see Part 5, Section 36)

Shipping Containers (see Part 2 - No permit required and Part 5, Section 36)

Signs Type 1 (in accordance with Part 6)

Signs Type 2 (in accordance with Part 6)

Small Wind Energy Conversion Systems (see Part 7, Section 3)

Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)

(2) Discretionary Uses

Abattoir (see Part 5, Section 1)

Accessory Buildings, Structures and Uses to an Approved Discretionary Use

Agricultural Services

Airstrips

Alternative or Renewable Energy Commercial/Industrial Facilities (see Part 7)

Anhydrous Ammonia Storage (see Section 15 of this district and Part 5, Section 5)

Auction Markets (see Section 6 of this district)

Bed and Breakfasts (see Part 5, Section 9)

Boarding Stables (see Section 6 of this district)
Breeding Facilities (see Section 6 of this district)
Cannabis Cultivation (see Part 5, Section 11)
Cannabis Nursery (see Part 5, Section 11)
Confined Feeding Operations (see Part 2 - No municipal permit required, but NRCB provincial approval needed)
Cryptocurrency (bitcoin) mining (see Part 5, Section 15)
Day Care (see Part 5, Section 16)
Dwellings:
 Semi-detached
 Multiple-unit
 Second or Additional Residence*
Dog Training Facilities (see Section 6 of this district, and Part 5, Section 23)
Farm Stands
Feed Mills / Grain Elevators
Hay Plants (see Part 5, Section 20)
Heliport Sites
Home Occupations 3 (see Part 5, Section 22)
Horticulture, including commercial intensive agriculture and commercial greenhouses
Intensive Livestock Operations (see Section 6 of this district)
Isolated commercial or industrial uses, pre-existing (see notation below***)
Isolated Country Residential
Kennels (see Section 6 of this district, and Part 5, Section 23)
Market Gardens and Nurseries
Meteorological Towers (see Part 7)
Moved-in Buildings (see Part 5, Section 27)
Personal Workshop and Storage (on vacant parcels) (see Part 5, Section 29)
Public or Private Utilities
Public/Institutional Uses including Cemeteries
Railway and Railway Related Uses
Recreation, Minor
Resource Extraction and Associated Works (see Section 14 of this district, and Part 5, Section 30)
Riding Arena (personal use)
Rodeo Grounds
Seed Processing Facility
Shipping Containers (more than 2) (see Part 5, Section 36)
Signs Type 3 (in accordance with Part 6)
Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
Specialty Manufacturing/Cottage Industry
Stockpiles (inside the distances in Section 5 of this district)
Telecommunications Facilities (see Part 5, Section 40)
Tourist Homes/Short Term Rentals (see Part 5, Section 41)
Veterinary Clinics, Large and Small Animal (see Section 6(3) of this district)
Wind Energy Conversion Systems (see Part 7)
Work Camps (see Part 5, Section 43)

Any other uses determined by the Development Authority to be similar in nature to any permitted or discretionary use

(3) Prohibited Uses

Grouped Country Residences – *Non-designated***

Grouped Industrial Development – *Non-designated***

Hazardous/Noxious Uses

Stripping and Sale of Topsoil

◆ *Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.*

* May be allowed with compliance to Part 1, Section 18 of this bylaw.

** “Non-designated” means a cluster or grouping of such uses that has not been designated as such in the land use bylaw.

*** Pre-existing isolated commercial or industrial uses means uses that are presently operating and have an approved development permit issued prior to October 2013 and the adoption of Land Use Bylaw No. 1404.

3. MINIMUM PARCEL AND LOT SIZES

(1) Extensive Agriculture

- (a) existing parcels;
- (b) quarter sections or parcels subdivided in accordance with Part 8 – Subdivision Criteria;
- (c) cut-off parcels at the discretion of the Subdivision Authority;
- (d) all other parcels shall be a minimum of 0.8 ha (2 acres) of developable land.

(2) Farmsteads or Isolated Country Residential

- (a) existing parcels;
- (b) minimum of 0.8 ha (2 acres) of developable land.

(3) Confined Feeding Operations (Intensive Livestock Operations)

- (a) minimum of 32.35 ha (80 acres); or
- (b) on less than 32.35 ha (80 acre) sized parcels, the parcel size shall remain the same size for which the development approval was originally issued.

(4) All Other Uses

The minimum lot size (the area recorded on the Certificate of Title) shall be 0.8 ha (2 acres) or greater as is reasonably required to support the proposed use as determined by the Development Authority or Subdivision Authority after consideration of comments from relevant agencies and in accordance with, but not limited to, the *Municipal Government Act*, a regional plan, the Subdivision and Development Regulation, this Land Use Bylaw, the Municipal Development Plan and any other applicable legislation or regulations.

4. MINIMUM SETBACK REQUIREMENTS

(1) **Side Yard**

No building, structure (excluding fencing) or dugout banks shall be within 6.1 metres (20 ft.) of a property line not fronting on or adjacent to a municipal roadway. For setbacks adjacent to or fronting roadways, the following Section 5 stipulations shall apply.

(2) **Special Setback Requirements**

- (a) All buildings, structures and development other than extensive cultivation or grazing on parcels having frontage on a provincial highway may have special requirements for setback, access and service roadways imposed as a condition of approval by the Development Authority in accordance with the requirements of Alberta Transportation and the *Highways Development Protection Regulation*.
- (b) As determined by the Development Authority, all buildings, structures and development that are to be located in the vicinity of an escarpment, coulee break, river bank or other geographical feature may have special requirements for setbacks upon due consideration of any geotechnical or slope stability analysis reports requested by the municipality.

5. MINIMUM SETBACKS FROM ROADWAYS

(1) No part of a building, structure or development shall be located within:

- (a) 38.1 metres (125 ft.) of the centre line of any of any developed or undeveloped municipal road allowance or public roadway which is not designated as a provincial highway under the Highways Development Protection Regulation;
- (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the Highways Development Protection Regulation;
- (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
- (d) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.

- (2) Where any parcel or part of a parcel has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be required by Alberta Transportation under the *Highways Development Protection Regulation*.

6. MINIMUM SETBACKS FOR USES INVOLVING LIVESTOCK OR ANIMALS

- (1) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* (AOPA) shall not be located closer to a neighbouring residence than 30.5 metres (100 ft.).
- (2) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located within 30.5 metres (100 ft.) of the boundary or right-of-way an irrigation district canal, creek, stream, river, lake shore or water body.
- (3) A large animal veterinary clinic (e.g. cattle, horses, pigs, sheep and goat) shall not be located within 152.4 metres (500 ft.) of a neighbouring residential building.
- (4) A kennel, breeding facility, livestock sales yard or abattoir shall not be located within 304.8 metres (1,000 ft.) of a neighbouring residential building.
- (5) A confined feeding or intensive livestock operation shall be sited in consideration of prohibited areas and be able to meet required development setbacks in accordance with the Lethbridge County Municipal Development Plan.
- (6) All confined feeding or intensive livestock operations and associated uses (barns, corrals, feeders, manure stock piles, lagoons, compost areas, etc.) as defined in the Land Use Bylaw shall adhere to the minimum distance separation as outlined in *AOPA*.

7. MAXIMUM SITE COVERAGE

Unless specified elsewhere in this bylaw, the maximum percentage of the site that may be covered by buildings and structures shall be as determined by the Development Authority. No building, structure or driveway shall be located within the area or setbacks required to treat private septic sewage.

8. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with the *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality. If the development is within 300 metres (1,000 ft.) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.
- (4) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new subdivision or development. Construction and survey costs for a service road shall be the responsibility of the applicant.

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.
- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.

10. FENCES AND SHELTERBELTS

In rural areas along local roads, the construction or erection of a fence, hedge or shelterbelt shall comply with the following:

- (a) no fence, hedge or shelterbelt shall be erected which would unduly restrict the vision of approaching traffic;
- (b) fencing surrounding public utility lots shall be as per the *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or as stipulated in a Development Agreement;
- (c) all fences must be sited to be able to meet the required corner site triangle setbacks as stipulated in Part 4, Section 12.
- (d) a chain link, split rail or barb wire type fence may be located adjacent to the property line or within the required setbacks to a public road, but, solid material fences and snow fences must meet the stipulated setbacks to the public road;
- (e) no hedge or shelterbelt shall be erected closer than the distances as stipulated in Part 4, Section 12, Fences, Trees and Shelter Belts in Rural Areas, Diagram 4.5, of the right-of-way of a public road.

11. OBJECTS PROHIBITED OR RESTRICTED IN YARDS

- (1) No person shall allow a motor vehicle which has all or part of its superstructure removed, or a motor vehicle which is in a dilapidated or unsightly condition to remain within 30.5 metres (100 ft.) of a local road or Provincial highway in the district unless it is suitably housed or screened to the satisfaction of the Development Authority.
- (2) Not more than six (6) recreational vehicles shall be stored or parked on a parcel unless otherwise approved by the Development Authority.
- (3) A recreational vehicle parked on a lot in any district shall not be used for permanent living or sleeping accommodation.

12. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with the *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.
- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system.

13. LOCATIONAL CRITERIA FOR ISOLATED COUNTRY RESIDENTIAL DEVELOPMENT

- (1) Isolated country residential development shall be discouraged and may be denied an approval if proposed to be located within:
 - (a) the minimum distance separation as calculated from an existing or approved confined feeding operation;
 - (b) the required (reciprocal) setback distance of noxious industries or resource extraction uses to residential or higher density urban uses; or
 - (c) the required or recommended safe setback distance to hazardous, ecologically sensitive, or other geographical sensitive features (coulees, steep slopes, escarpment, floodplains or flood prone areas, drainage courses, water bodies) in accordance with the bylaw standards, or accepted engineering reports at the discretion of the Development Authority; or
 - (d) any other activity potentially detrimental to a residential environment;unless the Development Authority or Subdivision and Development Appeal Board is satisfied that adequate measures will be undertaken to mitigate any nuisance or hazard, or the Development Authority determines that there is no other reasonable alternative or available area on the parcel of land in which to suitably locate the dwelling.
- (2) In all instances, a development permit application for a residential dwelling shall not be approved if it is located within 500 metres (1,640 ft.) of an established anhydrous ammonia bulk storage facility, or within the distances stipulated by the province (MGA, Subdivision and Development Regulation) for setbacks to wastewater treatment facilities, landfills, or transfer stations.

14. RESOURCE EXTRACTION (GRAVEL AND SAND PITS OR STONE QUARRIES)

- (1) For a sand, clay and gravel pit or a stone quarry development the standards and requirements of Part 5, Use Specific Land Use Provisions, Section 30 shall apply.
- (2) The Development Authority may refuse to approve an application for a private sand, clay and gravel pit or a stone quarry in or adjacent to a river valley, shoreland area or flood prone area if it is of the opinion that the area is unsuitable in accordance with Section 19 of this district.

- (3) The Development Authority shall take into consideration the *Cottonwood Report: Environmentally Significant Areas in the Oldman River Region* in making a decision on an application for a resource extraction use and may deem a development application to be unsuitable in accordance with that report, or may request additional information be provided by the applicant to ensure any matters outlined in Section 19 of this district are addressed to the satisfaction of the Development Authority.

15. ANHYDROUS AMMONIA STORAGE FACILITY

For a development permit application for a bulk anhydrous ammonia storage facility or a residential dwelling in proximity to an existing bulk ammonia storage facility the Development Authority:

- (a) shall consider the location of neighbouring residential uses and apply the “Guidelines for the Location of Stationary Bulk Ammonia Facilities” prepared by Alberta Environment before making a decision on a development application concerning a bulk ammonia storage facility; and
- (b) in all instances, a development application for a residential dwelling shall not be approved if it is located within 500 metres (1,640 ft.) of an established anhydrous ammonia bulk storage facility.

16. AIRPORT AREA RESTRICTIONS

Properties that lie within the area shown in Map 1, Part 5, will have additional subdivision and development restrictions as outlined in Part 5, Section 3, Airport Area Restrictions.

17. RIVER VALLEYS AND SHORELANDS

- (1) Before approving any application in or adjacent to a river valley or shoreland area to locate or expand a land use, or which requires a land use bylaw waiver, the Development Authority shall refer such an application to any local, regional, provincial or federal government agency that, in its opinion, has an interest in land use management.
- (2) No application to locate or expand a land use in or adjacent to a river valley or shoreland area shall be approved unless, in the opinion of the Development Authority, the proposal will not:
- (a) be located in a flood prone area; and
 - (b) cause soil erosion or damage to a river bank; and
 - (c) cause deterioration of water quality; and
 - (d) hinder the flow of water to the river; and
 - (e) compromise aesthetic quality or natural amenities; and
 - (f) be detrimental to area of ecologically sensitive habitat or of historic or scenic importance; and
 - (g) have a detrimental effect on adjoining or nearby agricultural operations if the proposed development is for a non-agricultural use; and
 - (h) have a detrimental effect on existing or proposed recreation areas; and

- (i) have a detrimental effect on existing or proposed irrigation canals or water diversion structures.
- (3) Notwithstanding Part 4, Section 40(2), a resource extraction and gravel pit operation may be granted an approval to operate or expand in or adjacent to a river valley or shoreland area if an engineering study has been completed that illustrates the use will not be detrimental or can be managed in such manner it will not compromise the matters identified in Part 4, Section 40(2), and the Development Authority in its discretion accepts the findings of the report.
- (4) Where a proposed development is flood protected and is granted permission to locate within the flood fringe area of the 1:100 year flood plain of any watercourse, the Development Authority may request the developer to provide any of the following requirements prior to the issuance of a development permit:
 - (a) the registration of a Save Harmless Agreement against the title indemnifying the municipality in case of a subsequent flood causing damage to the development;
 - (b) the provision of an appropriate private sewage disposal system to the satisfaction of the appropriate health authority and the *Safety Codes Act*;
 - (c) a certificate from a qualified Alberta Land Surveyor stating the top of the footings of any proposed development will be at or above the 1:100 flood plain level and proof of such elevation;
 - (d) an assurance that any proposed setback requirements as established by Alberta Environment or other government department are met or exceeded.
 - (e) Notwithstanding that a use may be a permitted or discretionary use in a land use district, a proposed development containing building or structures to be located in the known floodway portion of the flood hazard area shall not be issued a development permit by the Development Authority.
- (5) The standards and requirements of Sections 37 to 40 of Part 4, General Land Use Provisions, Standards of Development, must also be considered and may be applicable.

18. SERVICES, TRANSPORTATION AND UTILITIES FACILITIES

- (1) No application to locate or expand a land use shall be approved unless, in the opinion of the Development Authority, the proposed use will not have a detrimental effect on any:
 - (a) transportation or communication system, including provincial highways, railway, airport site or communication facility; or
 - (b) regionally significant services or utilities facilities, including irrigation works, pipelines and power transmission lines.
- (2) Any application for development located in the vicinity of a known sour gas pipeline shall be circulated to the Energy Resources Conservation Board for comment.

19. COMPREHENSIVE DEVELOPMENT PLANS, AREA STRUCTURE PLANS AND CONCEPTUAL DESIGN SCHEMES

Where it becomes apparent to the Development Authority or municipality that too much development is being concentrated in one area:

- (a) the Subdivision Authority or Development Authority may, with the approval of the Council, require that future development applications for the area be accompanied by a comprehensive development plan which has been approved by Council; or
- (b) Council may require applicants proposing development in the area to undertake the preparation of an area structure plan or conceptual design scheme.

20. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

21. LANDSCAPING AND SCREENING (See Part 4 – General Land Use Provisions)

22. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

23. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

24. READY-TO-MOVE / MANUFACTURED HOME DEVELOPMENT STANDARDS (See Part 5 – Use Specific Provisions)

25. MOVED-IN DWELLINGS AND BUILDINGS (See Part 5 – Use Specific Provisions)

26. HOME OCCUPATIONS (See Part 5 – Use Specific Provisions)

27. SIGN REGULATIONS (See Part 6)

28. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

29. SUBDIVISION CRITERIA (See Part 8)

30. FORMS (See Appendix B)

31. FEES (See Appendix C)

URBAN FRINGE - UF

1. PURPOSE

To protect agricultural land for agricultural use while managing the fringe areas of the urban municipalities so they are developed in a balanced, non-conflicting manner and ensuring non-agricultural uses are compatible with an urban environment, are of a high quality, and are considerate of servicing and growth issues. To also adopt specific land use controls in the urban fringe areas in accordance with the policies outlined in the Intermunicipal Development Plans adopted by Lethbridge County and its neighbouring urban municipalities.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use

Agricultural Buildings and Structures (see Part 2 - No permit required)

Day Homes (see Part 2 - No permit required and Part 5, Section 17)

Dwellings:

Single-detached Site-built

Single-detached Moved-In Residence

Single-detached Manufactured Home 1 (see Part 5, Section 24)

Single-detached Manufactured Home 2 (see Part 5, Section 24)

Single-detached Ready-to-move (see Part 5, Section 24)

Extensive Agriculture and Grazing (see Part 2, - No permit required)

Home Occupations 1 (see Part 5, Section 22)

Public Utilities

Secondary Suites (contained within a single-detached dwelling) (see Part 5, Section 34)

Secondary Suites (detached garage) (see Part 5, Section 34)

Shipping Containers, Temporary (see Part 2 - No permit required and Part 5, Section 36)

Signs Type 1 (in accordance with Part 6)

Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)

(2) Discretionary Uses

Accessory Buildings, Structures and Uses to an Approved Discretionary Use

Agricultural Services

Airports (YQL) ***

Airstrips ***

Alternative or Renewable Energy Facilities, Individual (see Part 7)

Bed and Breakfasts (see Part 5, Section 9)

Cemeteries

Day Care (see Part 5, Section 16)

Dog Training Facilities (see Section 6 (3) of this district, and Part 5, Section 23) ***

Dwellings:

Semi-detached (or duplex)
 Second or Additional Residences*
 Garden Centre
 Resource Extraction and Associated Works (see Part 5, Section 30) ***
 Home Occupations 2 and 3 (see Part 5, Section 22)
 Horticulture
 Kennels (see Section 6 (3) of this district, and Part 5, Section 23) ***
 Isolated Country Residential (for subdivision purposes) (see Part 8)
 Market Gardening and Nurseries
 Moved-in Buildings (see Part 5, Section 27)
 Municipal Servicing Installations
 Personal Workshop and Storage (non-commercial, for vacant parcels) (see Part 5, Section 29)
 Public/Institutional Uses
 Public Parks
 Railway and Railway Related Uses ***
 Recreation, Minor
 Recreational Vehicle Storage (see Part 5, Section 31)
 Riding Arena (personal use)
 Seed Processing Facility
 Signs Type 2 Fascia (in accordance with Part 6)
 Shipping Containers (more than 2) (see Part 5, Section 36)
 Small Wind Energy Conversion Systems (see Part 7, Section 3)
 Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
 Stockpiles
 Telecommunication Facilities (see Part 5, Section 40)
 Tourist Homes/Short Term Rentals (see Part 5, Section 41)
 Veterinary Clinics, Large Animal
 Veterinary Clinics, Small Animal
 Wind Energy Conversion Systems (see Part 7)

(3) Prohibited Uses

Confined Feeding Operations
 Grouped Country Residential – *Non-designated***
 Grouped Industrial – *Non-designated***
 Rural Commercial – *Non-designated***
 - Any use listed in Section (4), Exceptions to Uses, is also prohibited.
 ♦ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.

(4) Exceptions to Uses ***

Notwithstanding Sections (1) and (2) of this part, within the designated fringe areas of an urban municipality the following land use applies and takes precedence over Sections (1) and (2):

Town of Coaldale: Airports, Kennels, Resource Extraction and Associated Works

Town of Coalhurst: Airports, Airstrips, Kennels, Resource Extraction and Associated Works, Railway and Railway Related Uses

Town of Picture Butte: Airports, Airstrips, Resource Extraction and Associated Works

Town of Nobleford: Airports, Airstrips, Kennels, Resource Extraction and Associated Works, Railway and Railway Related Uses

Village of Barons: Airports, Airstrips, Kennels, Resource Extraction and Associated Works, Railway and Railway Related Uses, Veterinary Clinics-Large animal

If there is found any conflict between this list and any Intermunicipal Development Plan policy pertaining to land use, the IDP shall prevail.

* May be allowed with compliance to Part 1, Section 18 of this bylaw and Part 4, Section 5.

** "Non-designated" means a cluster or grouping of such uses that has not been designated as such in the land use bylaw.

*** There are certain land use restrictions for different urban fringe areas where uses listed as either permitted or discretionary may be prohibited in some specified urban fringe boundaries as per the list in Section 2(4) of this part.

3. MINIMUM LOT SIZE

- (1) The minimum required parcel or lot size shall be:
 - (a) existing parcels;
 - (b) 0.8 ha (2 acres) of developable land or greater as reasonably required to support the proposed use.
- (2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:
 - (a) the lots are to be connected to municipal services; or
 - (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality. In such situations, the minimum lot area should not be less than 0.2 ha (20,000 sq. ft.) unless special circumstances warrant a smaller size.

4. MINIMUM YARD SETBACK REQUIREMENTS

- (1) No structure (excluding fencing) or dugout banks shall be within 6.1 metres (20 ft.) of a property line. For setbacks adjacent to or fronting roadways, the following Section 5 stipulations shall apply.

- (2) **Special Setback Requirements**

All buildings, structures and development other than extensive cultivation or grazing on parcels having frontage on a provincial highway may have special requirements for setback, access and service roadways imposed as a condition of approval by the Development Authority in accordance with the requirements of Alberta Transportation and the *Highways Development Protection Regulation*.

5. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
 - (a) 38.1 metres (125 ft.) of the centre line of any public roadway which is not designated as a provincial highway under the *Highways Development Protection Regulation*;
 - (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
 - (d) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Where any parcel or part of a parcel has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be required by Alberta Transportation under the *Highways Development Protection Regulation*.
- (3) Where any parcel or part of a parcel has frontage on to an adjacent municipality's roadway, special standards for setbacks, access, and service roadways may be required in consultation with the adjacent municipality; or, as stipulated in any intermunicipal agreement or intermunicipal development plan adopted between the two municipalities.
- (4) Landscaping and dugout setbacks shall be at the discretion of the Development Authority having consideration for future road widening and possible adverse effects on the safety of the roadway.

6. MINIMUM SETBACKS FOR USES INVOLVING LIVESTOCK OR ANIMALS

- (1) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located closer to a neighbouring residence than 30.5 metres (100 ft.).
- (2) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located within 30.5 metres (100 ft.) of the boundary or right-of-way an irrigation district canal, creek, stream, river, lake shore or water body.
- (3) A kennel or breeding facility shall not be located within 304.8 metres (1,000 ft.) of a neighbouring residential building.

7. MAXIMUM SITE COVERAGE

- (1) Unless specified elsewhere in this bylaw, the maximum percentage of the site that may be covered by buildings and structures shall be as determined by the Development Authority. No

building, structure or driveway shall be located within the area or setbacks required or identified to treat private septic sewage.

- (2) At the discretion of the Development Authority, the maximum size (i.e., square footage or building footprint) of an accessory building or structure to be located on a parcel may be stipulated as a condition of approval on a development permit.

8. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*. If the development is within 304.8 metres ($\frac{1}{4}$ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.
- (4) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new development other than those deemed approved. Construction and survey costs for a service road shall be the responsibility of the applicant.
- (5) If access is required onto a roadway under the jurisdiction of an adjacent municipality, the affected municipality shall be notified to obtain consent. In the case where an Intermunicipal Development Plan is adopted by the two municipalities, any applicable road network/access policies stipulated in that joint agreement shall apply.

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall only be constructed in conjunction with an approved principal building or use and not be used as a permanent dwelling.
- (2) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (3) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.
- (4) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.

- (5) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.

10. FENCES AND SHELTERBELTS

In rural areas along local roads, the construction or erection of a fence, hedge or shelterbelt shall comply with the following:

- (a) no fence, hedge or shelterbelt shall be erected which would unduly restrict the vision of approaching traffic;
- (b) fencing surrounding public utility lots shall be as per *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or as stipulated in a Development Agreement;
- (c) all fences must be sited to be able to meet the required corner site triangle setbacks as stipulated in Part 4, Section 12.
- (d) a chain link, split rail or barb wire type fence may be located adjacent to the property line or within the required setbacks to a public road, but, solid material fences and snow fences must meet the stipulated setbacks to the public road;
- (e) no hedge or shelterbelt shall be erected closer than the distances as stipulated in Part 4, Section 14, Fences, Trees and Shelter Belts in Rural Areas, Diagram 4.5, of the right-of-way of a public road.

11. OBJECTS PROHIBITED OR RESTRICTED IN YARDS

- (1) No person shall allow a motor vehicle which has all or part of its superstructure removed, or a motor vehicle which is in a dilapidated or unsightly condition to remain within 30.5 metres (100 ft.) of a local road or provincial highway in the district unless it is suitably housed or screened to the satisfaction of the Development Authority.
- (2) Not more than six (6) recreational vehicles shall be stored or parked on a parcel unless otherwise approved by the Development Authority.
- (3) A recreational vehicle parked on a lot in any district shall not be used for permanent living or sleeping accommodation.

12. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.

- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system.

13. LOCATIONAL CRITERIA FOR ISOLATED COUNTRY RESIDENTIAL DEVELOPMENT

- (1) Isolated country residential development shall be discouraged if located within:
 - (a) the minimum distance separation as calculated from an existing or approved confined feeding operation;
 - (b) the required (reciprocal) setback distance of noxious industries or resource extraction uses to residential or higher density urban uses; or
 - (c) the required or recommended safe setback distance to hazardous, ecologically sensitive, or other geographical sensitive features (coulees, steep slopes, escarpment, floodplains or flood prone areas, drainage courses, water bodies) in accordance with the bylaw standards, or accepted engineering reports at the discretion of the Development Authority; or
 - (d) any other activity potentially detrimental to a residential environment;

unless the Development Authority or Subdivision and Development Appeal Board is satisfied that adequate measures will be undertaken to mitigate any nuisance or hazard, or the Development Authority determines that there is no other reasonable alternative or available area on the parcel of land in which to suitably locate the dwelling.

- (2) In all instances, a development permit application for a residential dwelling shall not be approved if it is located within 500 metres (1,640 ft.) of an established Anhydrous Ammonia bulk storage facility.

14. HAZARDOUS OR NOXIOUS INDUSTRY

Development of hazardous or noxious uses shall be discouraged in this land use district.

15. DEVELOPMENT APPLICATION REFERRALS

- (1) Applications for development permits shall be forwarded to the adjacent urban municipality for comments in accordance with the Intermunicipal Development Plan, prior to a decision being made on an application.
- (2) Pursuant to the Lethbridge County Municipal Development Plan, the Development Authority may take into account the direct or indirect effects of development applications within this land use district on the immediate and surrounding areas, as well as the possible effect on future development of the Town of Coaldale, Town of Picture Butte, Town of Coalhurst, Village of Barons, Town of Nobleford, or City of Lethbridge as applicable.
- (3) In areas of the Town of Coalhurst rural urban fringe, applications may be referred to the City of Lethbridge in accordance with any applicable Intermunicipal Development Plan policies.
- (4) Land use policies, development restrictions or standards stipulated in any adopted Intermunicipal Development Plan with the adjacent urban municipality, which are applicable to

the Urban Fringe area, shall take precedence over any policy or standard in this bylaw if there is a perceived conflict.

16. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

17. ARCHITECTURAL CONTROLS

All development must comply with any approved architectural controls if required as part of an area structure plan or subdivision approval. Proof of compliance to the applicable architectural controls is required at the time of submission of a development permit application.

18. BYLAW AMENDMENT APPLICATION REFERRALS

Applications for bylaw amendments to redesignate a parcel of land from the Urban Fringe to another land use district shall be forwarded to the affected adjacent urban municipality for comments, prior to a decision being made by Council, in accordance with the Intermunicipal Development Plan.

19. AIRPORT AREA RESTRICTIONS

Properties that lie within the City of Lethbridge fringe area shown in Map 4, Part 9, will have additional subdivision and development restrictions as outlined in Part 5, Airport Area Restrictions. All development and land uses on the airport (YQL) parcel, including sub-leased areas with commercial or industrial development, are subject to the regulations and restrictions of Part 5, Section 3, and do require a development permit.

20. URBAN STAR PARK OVERLAY DISTRICT

The following provisions are intended to protect Popson Park and the Oldman River Observatory (ORO), located within the City of Lethbridge, which has been designated an Urban Star Park. The purpose of these provisions is to protect the observatory from direct illumination by outdoor lighting located within or adjacent to Popson Park and to limit contributions to sky glow in the vicinity of Popson Park. The provisions consider a circular general Sky Glow Protection Region 1500 metres in radius that is centred on the Oldman River Observatory in Popson Park and an irregular shaped zone (Lighting Setback Area) that borders the south side of the Oldman River Valley. Within this area, special luminaire and mounting height restrictions may be required at the discretion of the Development Authority.

(1) Applicability

- (a) For properties within the Lethbridge Urban Fringe that are located within the 1500-metre radius to the ORO, as identified in the area illustrated on Part 9, Map 3, Lethbridge Urban Fringe – LUF Overlay Map 1500 m Lighting Restriction Area, specific restrictions pertaining to lighting and illumination may be applied by the Development Authority.

- (b) Lighting design is to achieve illumination levels minimizing stray illumination to the observatory.
- (c) As part of an approval for a development permit for either a permitted or discretionary use, the Development Authority may place conditions on the permit that stipulate the type of lighting, fixture and illumination that may be required and may also place restrictions on the mounting height of lighting in order to ensure that the provisions of this section are respected.

(2) Information Requirements

In addition to the standard bylaw requirements for submitting a development permit application, the Development Authority may request that a development permit application also contain, but may not be limited to, the following:

- (a) plans indicating:
 - (i) the location of all buildings and structures on the property;
 - (ii) the location, number, type, position, elevation and mounting height of all Outdoor Light Fixtures;
 - (iii) the number and location of Outdoor Light Fixtures to be equipped with Automatic Timing Devices; and
 - (iv) any building design or other features which may affect the nature, intensity or direction of light emission from Outdoor Light fixtures;
- (b) a description of and background information regarding all Outdoor Light Fixtures, including:
 - (i) power (in watts),
 - (ii) type of light source,
 - (iii) filtering, if any,
 - (iv) information evidencing whether or not Outdoor Light Fixtures are Shielded,
 - (v) information as to light distribution in the horizontal and vertical phase planes,
 - (vi) information as to light distribution in the horizontal plane between 10:00 p.m. and 6:00 a.m. the following day, and
 - (vii) manufacturer's catalogue information and drawings;
- (c) information regarding the design capability of the Outdoor Light Fixture to permit any change in the items referred to in paragraphs (a) and (b).

21. LANDSCAPING AND SCREENING (See Part 4 – General Land Use Provisions)

22. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

23. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

24. READY-TO-MOVE / MANUFACTURED HOME DEVELOPMENTS (See Part 5 – Use Specific Provisions)

25. MOVED-IN DWELLINGS AND BUILDINGS (See Part 5 – Use Specific Provisions)

26. HOME OCCUPATIONS (See Part 5 – Use Specific Provisions)

27. SIGN REGULATIONS (See Part 6)

28. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

29. SUBDIVISION CRITERIA (See Part 8)

30. FORMS (See Appendix A)

GROUPED COUNTRY RESIDENTIAL - GCR

1. PURPOSE

To provide for a high quality of clustered residential development in areas where no conflict with agriculture or industrial type land uses can be anticipated pursuant to the Municipal Development Plan. Uses which are incompatible with the primarily residential character of this district are discouraged.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use

Day Homes (see Part 2 - No permit required, and Part 5, Section 17)

Dwellings:

Single-detached Site-built

Single-detached Manufactured Homes 1 (see Part 5, Section 24)

Single-detached Ready-to-move (see Part 5, Section 24)

Home Occupations 1 (see Part 5, Section 22)

Secondary Suites (contained within a single-detached dwelling) (see Part 5, Section 34)

Shipping Containers, Temporary (see Part 2 - No permit required and Part 5, Section 36)

Signs Type 1 (in accordance with Part 6)

Solar Collectors, Individual (roof, wall mount) (see Part 2 - No permit required and Part 7, Section 2)

(2) Discretionary Uses

Accessory Buildings, Structures and Uses to an Approved Discretionary Use

Bed and Breakfasts (see Part 5, Section 9)

Day Care (see Part 5, Section 16)

Dwellings:

Moved-in

Semi-detached / Duplex

Single-detached Manufactured Homes 2 (see Part 5, Section 24)

Home Occupations 2 (see Part 5, Section 22)

Manufactured Home Parks

Moved-in Buildings (see Part 5, Section 27)

Parks, Playgrounds and Sportfields

Secondary Suites (detached garage) (see Part 5, Section 34)

Shipping Containers (up to 2 maximum) (see Part 5, Section 36)

Signs Type 2 Fascia (in accordance with Part 6)

Small Wind Energy Conversion Systems (see Part 7, Part 3)

Solar Collectors, Individual (ground mount) (see Part 7, Section 2)

Tourist Homes/Short Term Rentals (see Part 5, Section 41)

(3) **Prohibited Uses**

- ◆ *Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.*

3. MINIMUM LOT SIZE

(1) The minimum required parcel or lot size shall be:

- (a) existing parcels;
- (b) 0.8 ha (2 acres) of developable land or greater as reasonably required to support the proposed use if private disposal sewage systems are used.

(2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:

- (a) the lots are to be connected to municipal services; or
- (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality. In such situations, the minimum lot area should not be less than 0.2 ha (20,000 sq. ft.) unless special circumstances warrant a smaller size; or
- (c) the lots are part of an area that has a valid area structure plan or design scheme applicable to it, which was approved by Council prior to this land use bylaw taking effect, and the subdivision is being registered or developed in stages which have been initiated.

4. MINIMUM YARD SETBACK REQUIREMENTS

(1) **Side Yard**

No building, structure (excluding fencing) or dugout banks shall be within 6.1 metres (20 ft.) of a property line not fronting on or adjacent to a municipal roadway, or as established in an adopted area structure plan or design scheme.

(2) **Front yards**

Front yards setbacks for all uses shall be a minimum of 15.2 metres (50 ft.) from the property line adjacent to or fronting a local or internal subdivision road, not categorized as a statutory municipal road allowance. For setbacks adjacent to or fronting other roadways Section 5 stipulations shall apply, unless a variance is approved by the Development Authority or Alberta Transportation.

(3) **Special Setback Requirements**

- (a) All buildings, structures and development other than extensive cultivation or grazing on parcels having frontage on a provincial highway may have special requirements for setback, access and service roadways imposed as a condition of approval by the Development Authority in accordance with the requirements of Alberta Transportation and the *Highways Development Protection Regulation*.

- (b) As determined by the Development Authority, all buildings, structures and development that are to be located in the vicinity of an escarpment, coulee break, river bank or other geographical feature may have special requirements for setbacks upon due consideration of any geotechnical or slope stability analysis reports requested by the municipality.

5. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
 - (a) 38.1 metres (125 ft.) of the centre line of any public roadway which is not designated as a provincial highway under the *Highways Development Protection Regulation*;
 - (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
 - (d) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Where any parcel or part of a parcel has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be required by Alberta Transportation under the *Highways Development Protection Regulation*.

6. MINIMUM SETBACKS FOR USES INVOLVING LIVESTOCK OR ANIMALS

- (1) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located closer to a neighbouring residence than 30.5 metres (100 ft.).
- (2) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located within 30.5 metres (100 ft.) of the boundary or right-of-way an irrigation district canal, creek, stream, river, lake shore or water body.

7. MAXIMUM SITE COVERAGE

- (1) Unless specified elsewhere in this bylaw, the maximum percentage of the site that may be covered by buildings and structures shall be:
 - (a) as determined by the Development Authority – no building, structure or driveway shall be located within the area or setbacks required or identified to treat private septic sewage; or
 - (b) as established in an adopted area structure plan or design scheme.

- (2) The maximum size (i.e., square footage or building footprint) of an accessory building or structure to be located on a lot or parcel shall not exceed the sizes as stipulated in Section 10 of this district.

8. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*. If the development is within 300 metres (¼ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.
- (4) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new development other than those deemed approved. Construction and survey costs for a service road shall be the responsibility of the applicant.
- (5) A shared local service road or the construction of shared accesses/approaches may be required to be provided by the developer of multi-lot subdivisions in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall only be constructed in conjunction with an approved principal building or use and not be used as a permanent dwelling.
- (2) An accessory building shall not be located in the required setback from a public road or on an easement.
- (3) An accessory building shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.
- (4) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (5) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building.
- (6) Maximum height – No accessory buildings shall exceed 8.5 m (28 ft.) in height.

- (7) Maximum size of accessory buildings or structures:
- (a) on parcels 0.8 ha (2.0 acres) or less in size, the maximum size of an accessory building or structure shall not exceed 222.9 m² (2,400 sq. ft.);
 - (b) on parcels greater than 0.8 ha (2.0 acres) in size, the maximum size of an accessory building or structure shall not exceed 371.61 m² (4,000 sq. ft.);
 - (c) the maximum size is the combined total size for all accessory buildings on a parcel (the cumulative square footage of all accessory buildings)
- (8) For permanent Shipping Containers only one container is allowed on a parcel 0.4 ha (1.0 acre) or less in size and up to two may be allowed on parcels 0.8 ha (2.0 acres) or greater in size (this does not include Temporary Shipping Containers). [see Part 5, Section 36]

10. FENCES AND SHELTERBELTS

In rural areas along local roads, the construction or erection of a fence, hedge or shelterbelt shall comply with the following:

- (a) no fence, hedge or shelterbelt shall be erected which would unduly restrict the vision of approaching traffic;
- (b) fencing surrounding public utility lots shall be as per *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or as stipulated in a Development Agreement;
- (c) all fences must be sited to be able to meet the required corner site triangle setbacks as stipulated in Part 4, Section 12;
- (d) a chain link, split rail or barb wire type fence may be located adjacent to the property line or within the required setbacks to a public road, but, solid material fences and snow fences must meet the stipulated setbacks to the public road.
- (e) no hedge or shelterbelt shall be erected closer than the distances as stipulated in Part 4, Section 12, Fences, Trees and Shelter Belts in Rural Areas, Diagram 4.5, of the right-of-way of a public road.

11. OBJECTS PROHIBITED OR RESTRICTED IN YARDS

- (1) No person shall allow a motor vehicle which has all or part of its superstructure removed, or a motor vehicle which is in a dilapidated or unsightly condition to remain within 30.5 metres (100 ft.) of a local road or provincial highway in the district unless it is suitably housed or screened to the satisfaction of the Development Authority.
- (2) Not more than three (3) recreational vehicles shall be stored or parked on a parcel unless otherwise approved by the Development Authority.
- (3) A recreational vehicle parked on a lot in any district shall not be used for permanent living or sleeping accommodation.

12. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.
- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system.

13. STANDARDS OF DEVELOPMENT

Standards detailed in Parts 4 and 5 apply to all uses unless more detailed and restrictive standards are established under an adopted area structure plan or design scheme.

14. DEVELOPMENT STANDARDS FOR MANUFACTURED AND READY-TO-MOVE HOMES

Standards detailed in Part 5, Section 24 apply to all uses unless more detailed and restrictive standards are established under an adopted area structure plan or design scheme.

15. AREA STRUCTURE PLANS AND DESIGN SCHEMES

Pursuant to the criteria outlined in the Municipal Development Plan:

- (1) Council may require applicants proposing development in the area to undertake the preparation of an area structure plan or conceptual design scheme.
- (2) The Subdivision Authority or Development Authority may recommend that Council require the adoption of an area structure plan or design scheme prior to approving applications for subdivision or development, where it becomes apparent to the relevant approval authority or the municipality that too much development is being concentrated in one area without a formal land use designation being approved.

16. SITE GRADING AND DRAINAGE

- (1) If not provided in conjunction with an approved area structure plan or design scheme, or at the land use redesignation stage, the Subdivision Authority or Development Authority may request a drainage study conducted by a licensed, qualified engineer to be submitted as part of an application for subdivision or development approval. The study must include the land that is subject to the application as well as adjacent and other lands that may be affected by the development and drainage proposals.
- (2) The Development Authority may require as a condition of development approval:

- (a) engineered grading and drainage plans for the development and a legal survey demonstrating that engineered grades have been met;
- (b) grading and other measures, as appropriate, to control surface drainage, reduce or eliminate grade difference between adjacent lots, and minimize erosion or slope instability;
- (3) The applicant is responsible for ensuring adherence to any required final grades that are established by the engineer and approved by the municipality.

17. ARCHITECTURAL CONTROLS

All development must comply with any approved architectural controls if required as part of an area structure plan or subdivision approval. Proof of compliance to the applicable architectural controls is required at the time of submission of a development permit application.

18. AIRPORT AREA RESTRICTIONS

Properties that lie within the area shown in Map 1, Part 5, will have additional subdivision and development restrictions as outlined in Part 5, Section 3, Airport Area Restrictions.

19. RIVER VALLEYS AND SHORELANDS

- (1) Before approving any application in or adjacent to a river valley or shoreland area to locate or expand a land use, or which requires a land use bylaw waiver, the Development Authority shall refer such an application to any local, regional, provincial or federal government agency that, in its opinion, has an interest in land use management.
- (2) No application to locate or expand a land use in or adjacent to a river valley or shoreland area shall be approved unless, in the opinion of the Development Authority, the proposal will not:
 - (a) be located in a flood prone area; and
 - (b) cause soil erosion or damage to a river bank; and
 - (c) cause deterioration of water quality; and
 - (d) hinder the flow of water to the river; and
 - (e) compromise aesthetic quality or natural amenities; and
 - (f) be detrimental to area of ecologically sensitive habitat or of historic or scenic importance; and
 - (g) have a detrimental effect on adjoining or nearby agricultural operations if the proposed development is for a non-agricultural use; and
 - (h) have a detrimental effect on existing or proposed recreation areas; and
 - (i) have a detrimental effect on existing or proposed irrigation canals or water diversion structures.

- (3) Where a proposed development is granted permission to locate within the one in one hundred year flood plain of any watercourse, the Development Authority may request the developer to provide any or all of the following requirements prior to the issuance of a development permit:
 - (a) the registration of a Save Harmless Agreement against the title indemnifying the municipality in case of a subsequent flood causing damage to the development;
 - (b) the provision of an appropriate private sewage disposal system to the satisfaction of the appropriate health authority and the *Safety Codes Act*;
 - (c) a certificate from a qualified Alberta Land Surveyor stating the top of the footings of any proposed development will be at or above the one in one hundred flood plain level and proof of such elevation;
 - (d) an assurance that any proposed setback requirements as established by Alberta Environment or other government department are met or exceeded.

20. SITE SUITABILITY

- (1) The Subdivision Authority or Development Authority shall take into consideration Part 1 – Administrative, Sections 20-22 of this Bylaw, when making a decision on an application for subdivision or development in this land use district.
- (2) The Subdivision Authority or Development Authority may place any or all of the following conditions, in addition to a development agreement, on subdivision or development permit approval to ensure any concerns over the suitability of the land and development are satisfied:
 - (a) the provision of a professional geotechnical investigation/test and report to ensure the site is suitable in terms of topography, stability, soil characteristics, flooding subsidence, erosion and sanitary sewerage servicing;
 - (b) require the developer to provided suitable access, so the site will be legally and physically accessible to a developed municipal road or if within 300 metres (984 ft.) of a provincial highway will meet the requirements of Alberta Transportation;
 - (c) stipulate the alteration of proposed lot configurations, building sizes or locations to ensure any setback requirements of this land use bylaw or the Subdivision and Development Regulation can be met;
 - (d) any reasonable measures to ensure any other requirements of this Land Use Bylaw are complied with;
 - (e) any measures to adequately ensure applicable provincial legislation such as the *Safety Codes Act* is complied with or not compromised.

21. HAZARDOUS OR NOXIOUS USES

Development of hazardous or noxious uses shall be discouraged in this land use district.

22. LANDSCAPING AND SCREENING (See Part 4 – General Land Use Provisions)

23. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

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- 24. OFF-STREET PARKING REQUIREMENTS** (See Part 4 – General Land Use Provisions)
 - 25. USE SPECIFIC STANDARDS OF DEVELOPMENT** (See Part 5 – Use Specific Provisions)
 - 26. READY-TO-MOVE / MANUFACTURED HOME DEVELOPMENT STANDARDS** (See Part 5 – Use Specific Provisions)
 - 27. MOVED-IN BUILDINGS** (See Part 5 – Use Specific Provisions)
 - 28. HOME OCCUPATIONS** (See Part 5 – Use Specific Provisions)
 - 29. SIGN REGULATIONS** (See Part 6)
 - 30. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS** (See Part 7)
 - 31. FORMS** (See Appendix B)
 - 32. FEES** (See Appendix C)

RURAL GENERAL INDUSTRIAL - RGI

1. PURPOSE

To allow for the location of industrial uses, either isolated or grouped development, pursuant to the Municipal Development Plan in areas that will not conflict with the conservation of agricultural land for agricultural use or with adjacent non-industrial uses. This district provides for rural or agricultural-related industry type land uses along with some more general industrial.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

- Accessory Buildings, Structures and Uses to an Approved Permitted Use
- Agricultural Services
- Automotive Repair and Service Shops (see Part 5, Section 6)
- Automotive Sales
- Building and Trade Contractor Services
- Cartage/Moving Services
- Farm Machinery and Equipment Sales
- Farm Service Product Sales
- Machinery and Equipment Sales, Rental and Service
- Mini-storage
- Minor Building Additions or Renovations to Existing Residential Structures
- Offices, Public and Private
- Outdoor Storage for an approved permitted use
- Professional Services
- Public or Private Utilities
- Recreational Vehicle Storage (see Part 5, Section 31)
- Recycling Drop-off
- Retail Sales and Uses
- Shipping Containers, Temporary (see Part 5, Section 36)
- Signs Type 1 (in accordance with Part 6)
- Signs Type 2 (in accordance with Part 6)
- Small Wind Energy Conversion Systems (see Part 7, Section 3)
- Solar Collectors, Individual (see Part 2 - No Permit Required and Part 7, Section 2)
- Veterinary Clinic, Small Animal
- Warehousing and Indoor Storage

(2) Discretionary Uses

- Abattoirs (see Part 5, Section 1)
- Accessory Buildings, Structures and Uses to an Approved Discretionary Use
- Alternative or Renewable Energy Commercial/Industrial Facilities (see Part 7)
- Anhydrous Ammonia Storage/Facilities (see Part 5, Section 5)
- Asphalt Batch Plants (see Part 5, Section 8)

Auction Market (see Section 6 of this district)
Auction Sales, Non-livestock
Automotive Detail (see Part 5, Section 6)
Automotive Paint Shop (see Part 5, Section 6)
Bulk Fuel Storage and Sales
Cannabis Processing (see Part 5, Section 11)
Chemical Processing and Storage
Crypto-currency Mining (see Part 5, Section 15)
Concrete Batch Plants (see Part 5, Section 8)
Day Care (see Part 5, Section 16)
Feed Mills / Grain Terminals
Fertilizer Storage and Sales
Food Processing
Garden Centres / Greenhouses
Industrial Processing and Manufacturing
Industrial Supplies and Sales
Kennels / Dog Training Facilities (see Part 5, Section 23)
Lumber Yards / Building Supplies
Market Gardens and Nurseries
Moved-in Buildings (see Part 5, Section 27)
Oilfield Contractor Services
Outdoor Storage
Recreation, Minor
Recycling Depot Facilities
Recycling Oil Depots
Recycling Soils
Railway and Railway Related Uses
Retail Sales or Uses
Salvage or Wrecking Yards
Sandblasting (see Part 5, Section 32)
Security Suites (see Part 5, Section 39)
Seed Processing Facility
Service Stations / Gas Bars (see Part 5, Section 35)
Shipping Containers (see Part 5, Section 36)
Signs Type 3 (in accordance with Part 6)
Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
Telecommunications Facilities (see Part 5, Section 40)
Trucking Operation
Truck Transportation Dispatch/Depots
Truck Washes (see Part 5, Section 13)
Veterinary Clinics, Large Animal
Waste Management Facilities, Minor
Welding / Metal fabrication
Wind Energy Conversion Systems (see Part 7)
Work Camps (see Part 5, Section 43)

(3) **Prohibited Uses**

- ◆ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.

3. MINIMUM LOT SIZE

- (1) The minimum required parcel or lot size shall be:
 - (a) existing parcels;
 - (b) 0.8 ha (2 acres) of developable land or greater as reasonably required to support the proposed use if private disposal sewage systems are used.
- (2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:
 - (a) the lots are to be connected to municipal services; or
 - (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality. In such situations, the minimum lot area should not be less than 0.2 ha (20,000 sq. ft.) unless special circumstances warrant a smaller size; and
 - (c) the Subdivision Authority or Development Authority is satisfied that the minimum setback requirements of this bylaw can be met.

4. MINIMUM LOT AREA

In addition to the minimum lot size required, the following minimum parcel and lot areas for all the permitted and discretionary uses listed above are also applicable:

Use	Frontage Minimum		Depth Minimum	
	m	ft.	m	ft.
All uses	61.0	200	As required to meet lot size	

5. MINIMUM YARD SETBACK REQUIREMENTS

- (1) All uses except extensive agriculture require a minimum property line setback of:

Front Yard		Side Yard		Rear Yard	
m	ft	m	ft	m	ft
9.1	30	6.1	20	9.1	30

- (2) Where any part of a parcel to be developed for a business or industrial use has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be imposed as a condition of approval by the Development Authority in accordance with the requirements of Alberta Transportation and the *Highways Development Protection Regulation*. The following Section 6 stipulations shall also apply.

- (3) As determined by the Development Authority, all buildings, structures and development that are to be located in the vicinity of an escarpment, coulee break, river bank or other geographical feature may have special requirements for setbacks, upon due consideration of any geotechnical or slope stability analysis reports requested by the municipality.
- (4) For setbacks on parcels adjacent to or fronting statutory road allowances, additional setbacks as stipulated in Section 5(1) will be applied in accordance with Section 6 below, or on the recommendations or requirements of the Director of Municipal Services for Lethbridge County.

6. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
 - (a) 38.1 metres (125 ft.) of the centre line of any municipal road allowance, unless authorized by the Development Authority;
 - (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
 - (d) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Landscaping setbacks shall be at the discretion of the Development Authority having consideration for future road widening and possible adverse effects on the safety of the roadway.

7. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with the *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality. If the development is within 300 metres (¾ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) No full-access frontages to parcels from local roads shall be allowed and developers shall be limited to one access per parcel in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality.

- (4) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.
- (5) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new subdivision or development. Construction and survey costs for a service road shall be the responsibility of the applicant.

8. MAXIMUM SITE COVERAGE

The maximum site coverage for all permitted and discretionary uses:

- (a) principal and accessory buildings combined – 50 percent; or
- (b) as required by the Development Authority.

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.
- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.

10. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.
- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system.
- (4) Industrial or business uses that require or use a large volume of water may be denied a development permit if a secured source of water, relative to what is required for the development, is not verified or cannot be guaranteed to the satisfaction of Lethbridge County.

This may include, but is not limited to, car/ truck wash facilities, food or other various processing industries, and biofuel plants associated with ethanol production.

11. ARCHITECTURAL CONTROLS

All development must comply with any approved architectural controls if required as part of an area structure plan or subdivision approval. Proof of compliance to the applicable architectural controls is required at the time of submission of a development permit application.

12. AREA STRUCTURE PLANS AND DESIGN SCHEMES

Pursuant to the criteria outlined in the Municipal Development Plan, the Development Authority may recommend that Council require the adoption of an area structure plan or design scheme prior to consideration of an application.

13. INDUSTRIAL DEVELOPMENT STANDARDS

- (1) No use shall be approved which may generate traffic problems within the district.
- (2) Any proposed industrial development shall meet all the required and appropriate regulations of the Alberta Building Code.
- (3) On parcels located adjacent to provincial highways, any storage of goods, products, raw materials, etc. shall be effectively screened from view by buildings, solid fences, landscaped features, or combinations thereof and be maintained in good repair.
- (4) Landscaping, fencing, screening and siting or setback restrictions may be imposed as a condition of a development permit, with consideration for Section 14 below, and Part 4, Section 25.
- (5) Where it appears that greater side yard setbacks may be necessary, the Development Authority may impose such a requirement as a condition of a development permit.
- (6) No large animal veterinary clinic, kennel or riding stable shall be located within 300 metres (1000 ft.) of a neighbouring residential building excepting an approved dwelling that is ancillary to the designated use.
- (7) See Part 4 – General Land Use Provisions for additional standards.

14. LANDSCAPING, SCREENING AND LOCATION OF STORAGE

- (1) Separation, or buffering, between adjacent land uses may be required, including the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact.
- (2) For landscaping requirements see Part 4 – General Land Use Provisions, Section 25.
- (3) Outdoor storage is prohibited in the front yard.
- (4) The outdoor display of goods, materials or equipment solely for advertisement purposes may be allowed, unless otherwise stipulated by the Development Authority, subject to the following:

- (a) the display of goods, materials or equipment may be permitted in the front yard provided that it is restricted to examples of limited equipment, products, vehicles or items sold by the business or industrial use located on the subject site containing the display area;
 - (b) the outdoor display areas are not located within any required setback; and
 - (c) the display areas are not located on any required and approved landscaping area.
- (5) Refuse or garbage shall be kept in a suitably-sized container or enclosure, effectively screened, and the refuse containers shall be located in a rear yard only.
- (6) Wrecked or damaged motor vehicles which might be located or stockpiled on the property must be effectively screened from all adjacent parcels and roadways in the vicinity.
- (7) Where screen planting is not sufficient to buffer outdoor storage (including salvage yards, lumber yards, pipe storage and similar uses), a fence and/or earth berm with sufficient height to block the view may be required by the Development Authority.

15. LOADING AREA REQUIREMENTS

- (1) For commercial, industrial and other uses, there shall be a minimum of one off-street designated loading area, or more as required by the Development Authority.
- (2) Each loading area shall be designed in such a manner that it will not interfere with convenient and safe pedestrian movement, traffic flow, site access/approaches onto public roadways, or parking.
- (3) See Part 4 – General Land Use Provisions for additional standards.

16. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

17. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

18. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

19. MOVED-IN BUILDINGS (See Part 5 – Use Specific Provisions)

20. SIGN REGULATIONS (See Part 6)

21. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

22. FORMS (See Appendix B)

23. FEES (See Appendix C)

BUSINESS LIGHT INDUSTRIAL - BLI

1. PURPOSE

To allow low intensity businesses, light industrial and other compatible development in those areas of the County considered most suitable, typically in a planned business centre or office park, which is located in a highly visible and accessible location and displays a higher standard of design and appearance. The stipulated permitted and discretionary uses include some minor service functions and mixed-use developments, while prohibiting noxious uses.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

- Accessory Buildings, Structures and Uses to an Approved Permitted Use
- Agricultural Services
- Automotive Sales
- Big Box/Comprehensive Retail
- Business Support Services
- Farmers Markets/Permanent Food Stands
- Garden Centres / Greenhouses
- Mini-storage
- Minor Building Additions or Renovations to Existing Residential Structures
- Offices, Public And Private
- Professional Services
- Public or Private Utilities
- Retail, Convenience
- Shipping Containers, Temporary (see Part 5, Section 36)
- Signs Type 1 (in accordance with Part 6)
- Signs Type 2 (in accordance with Part 6)
- Small Wind Energy Conversion Systems (see Part 7, Section 3)
- Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)
- Technology Centres/Hubs

(2) Discretionary Uses

- Accessory Buildings, Structures and Uses to an Approved Discretionary Use
- Agricultural Markets
- Alternative or Renewable Energy Facilities (see Part 7)
- Auction Sales, Non-livestock
- Automotive Detail (see Part 5, Section 6)
- Automotive Repair and Service Shops (see Part 5, Section 6)
- Building and Trade Contractor Services
- Bulk Fuel Storage and Sales
- Car/Truck Washes (see Part 5, Section 13)

Cartage/Moving Services
Contractor Trade Shops
Crematorium/Funeral Homes
Day Care (see Part 5, Section 16)
Farm Service Product Sales
Light Industrial Processing and Manufacturing
Machinery and Equipment Sales, Rental and Service
Outdoor Storage
Recreation, Minor
Recreational Vehicle Storage (see Part 5, Section 31)
Restaurants
Retail, Large (5,000 sq. ft. or more)
Retail Uses Ancillary to Industrial or Warehousing Use
Security Suites
Service Stations / Gas Bars (see Part 5, Section 35)
Shipping Containers (see Part 5, Section 36)
Signs Type 3 (in accordance with Part 6)
Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
Telecommunications Facilities (see Part 5, Section 40)
Truck Transportation Depots
Veterinary Clinics, Small Animal
Warehousing and Indoor Storage (see Part 5, Section 42)
Wind Energy Conversion Systems (see Part 7)

(3) **Prohibited Uses**

- ◆ *Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.*

3. MINIMUM LOT SIZE

- (1) The minimum required parcel or lot size shall be:
 - (a) existing parcels;
 - (b) 0.8 ha (2 acres) of developable land or greater as reasonably required to support the proposed use if private disposal sewage systems are used.
- (2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:
 - (a) the lots are to be connected to municipal services; or
 - (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality. In such situations, the minimum lot area should not be less than 0.2 ha (20,000 sq. ft.) unless special circumstances warrant a smaller size; and
 - (c) the Subdivision Authority or Development Authority is satisfied that the minimum setback requirements of this bylaw can be met.

4. MINIMUM LOT DIMENSIONS

In addition to the minimum lot size required, the following minimum parcel and lot areas for all the permitted and discretionary uses listed above are also applicable:

Use	Frontage Minimum		Depth Minimum	
	m	ft.	m	ft.
All uses	45.7	150	As required to meet lot size	

5. MINIMUM YARD SETBACK REQUIREMENTS

(1) All uses except extensive agriculture require a minimum property line setback of:

Front Yard		Side Yard		Rear Yard	
m	ft.	m	ft.	m	ft.
9.1	30	interior lot		9.1	30
		6.1	20		
		corner lot			
		1 @ 9.1	1 @ 30		
		1 @ 6.1	1 @ 20		

(2) Where any part of a parcel to be developed for a business or industrial use has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be imposed as a condition of approval by the Development Authority in accordance with the requirements of Alberta Transportation and the *Highways Development Protection Regulation*. For parcel setbacks adjacent to or fronting highways or municipal road allowances, the following Section 6 stipulations shall apply.

(3) As determined by the Development Authority, all buildings, structures and development that are to be located in the vicinity of an escarpment, coulee break, river bank or other geographical feature may have special requirements for setbacks upon due consideration of any geotechnical or slope stability analysis reports requested by the municipality.

6. MINIMUM SETBACKS FROM ROADWAYS

(1) No part of a building, structure or development shall be located within:

- (a) 38.1 metres (125 ft.) of the centre line of any municipal road allowance, unless authorized by the Development Authority;
- (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
- (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;

- (d) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Landscaping setbacks shall be at the discretion of the Development Authority having consideration for future road widening and possible adverse effects on the safety of the roadway.

7. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality. If the development is within 304.8 metres (¼ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) No full-access frontages to parcels from local roads shall be allowed and developers shall be limited to one access per parcel in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality.
- (4) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.
- (5) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new subdivision or development. Construction and survey costs for a service road shall be the responsibility of the applicant.

8. MAXIMUM SITE COVERAGE

The maximum site coverage for all permitted and discretionary uses:

- (a) principal and accessory buildings combined – 50 percent; or
- (b) as required by the Development Authority.

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.

- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.

10. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.
- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system.
- (4) Commercial developments catering to the public, such as restaurants, food establishments, and hotels, must a secure potable water source or system provided the satisfaction of Lethbridge County and the Regional Health Authority.
- (5) Industrial or business uses that require or use a large volume of water may be denied a development permit if a secured source of water, relative to what is required for the development, is not verified or cannot be guaranteed to the satisfaction of Lethbridge County. This may include, but is not limited to, car/ truck wash facilities, food or other various processing industries, and biofuel plants associated with ethanol production.

11. ARCHITECTURAL CONTROLS

All development must comply with any approved architectural controls if required as part of an area structure plan or subdivision approval. Proof of compliance to the applicable architectural controls is required at the time of submission of a development permit application.

12. AREA STRUCTURE PLANS AND DESIGN SCHEMES

Pursuant to the criteria outlined in the Municipal Development Plan, the Development Authority may recommend that Council require the adoption of an area structure plan or design scheme prior to consideration of an application.

13. AIRPORT AREA RESTRICTIONS

Properties that lie within the area shown in Map 1, Part 5, will have additional subdivision and development restrictions as outlined in Part 5, Section 3 Airport Area Restrictions.

14. LIGHT INDUSTRIAL DEVELOPMENT STANDARDS

- (1) No use shall be approved which may generate traffic problems within the district.
- (2) Any proposed industrial development shall meet all the required and appropriate regulations of the Alberta Building Code.
- (3) On parcels located adjacent to provincial highways, any storage of goods, products, raw materials, etc. shall be effectively screened from view by buildings, solid fences, landscaped features, or combinations thereof and be maintained in good repair.
- (4) Landscaping, fencing, screening and siting or setback restrictions may be imposed as a condition of a development permit, with consideration for Section 15 below, and Part 4, Section 25.
- (5) Where it appears that greater side yard setbacks may be necessary, the Development Authority may impose such a requirement as a condition of a development permit.
- (6) No veterinary clinic shall be located within 304.8 metres (1000 ft.) of a neighbouring residential building excepting an approved dwelling that is ancillary to the designated use.
- (7) No operation or activity associated with any use in this district shall be permitted which would create a nuisance factor from noise, odour, earthborn vibrations, heat, intense light sources or dust, outside an enclosed building.
- (8) See Part 4 – General Land Use Provisions for additional requirements.
- (9) See Part 5 – Use Specific Provisions.

15. LANDSCAPING, SCREENING AND LOCATION OF STORAGE

- (1) Separation, or buffering, between adjacent land uses may be required, including the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact.
- (2) See Part 4 – General Land Use Provisions, Section 25 for landscaping requirements.
- (3) Outdoor storage is prohibited in the front yard. All loading, service, and storage areas (where permitted), shall be located to the rear and sides of the principal building and shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (4) The outdoor display of goods, materials or equipment solely for advertisement purposes may be allowed, unless otherwise stipulated by the Development Authority, subject to the following:
 - (a) The display of goods, materials or equipment may be permitted in the front yard provided that it is restricted to examples of limited equipment, products, vehicles or items sold by the business or industrial use located on the subject site containing the display area;
 - (b) the outdoor display areas are not located within any required setback; and
 - (c) the display areas are not located on any required and approved landscaping area.

- (5) Refuse or garbage shall be kept in a suitably-sized container or enclosure and shall be located in a rear yard only. Refuse containers shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (6) Wrecked or damaged motor vehicles which might be located or stockpiled on the property must be effectively screened from all adjacent parcels and roadways in the vicinity.
- (7) The Development Authority may require that any exposed projections outside the building, such as mechanical and electrical equipment and cooling towers, be screened from view from any public roadway and adjacent sites if, in the opinion of the Development Authority such projections are:
 - (a) inconsistent with the character and appearance of surrounding development or intended visual qualities of this district; or
 - (b) are required in accordance with any area structure plan or intermunicipal development plan policies.

16. LOADING AREA REQUIREMENTS

- (1) For commercial, industrial and other uses, there shall be a minimum of one off-street designated loading area, or more as required by the Development Authority. Uses such as office buildings, business support services, and professional services that do not involve the production, sales, storage or shipping of products or goods may be exempted from this requirement by the Development Authority.
- (2) Each loading area shall be designed in such a manner that it will not interfere with convenient and safe pedestrian movement, traffic flow, site access/approaches onto public roadways, or parking.
- (3) See Part 4 – General Land Use Provisions for additional standards.

17. MIXED-USE DEVELOPMENTS

Development permit applications for mixed-use developments (buildings or parcels of land) may be considered for approval in this district if the uses conform to the list of permitted or discretionary uses. For specific details, the criteria and standards of development stipulated in Part 5 will apply.

18. SITE PLANS

- (1) The Development Authority may require a professionally prepared detailed comprehensive site plan as part of the development permit application to illustrate existing and proposed buildings, structures, roads and access points, setbacks, landscaping, parking, and utility easements.
- (2) The Development Authority shall require professionally prepared site plan as described in Section 18(1) as part of the development permit application, for any proposed mixed-use parcel of land.

19. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

20. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

21. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

22. MOVED-IN BUILDINGS (See Part 5 – Use Specific Provisions)

23. SIGN REGULATIONS (See Part 6)

24. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

25. FORMS (See Appendix B)

26. FEES (See Appendix C)

RURAL COMMERCIAL - RC

1. PURPOSE

To allow for the location of commercial uses pursuant to the Municipal Development Plan in areas that will not conflict with the conservation of agricultural land for agricultural uses, while providing services to the travelling public and ensuring efficient operation of the highway system. The district includes allowing for the consideration of commercial power-centres or mixed-use developments in buildings or on parcels of land in accordance with the standards of the bylaw.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

- Accessory Buildings, Structures and Uses to an Approved Permitted Use
- Agricultural Markets
- Agricultural Service and Repair
- Building and Trade Contractor Services
- Extensive Agriculture
- Farmers Markets/Permanent Food Stands
- Garden Centres / Greenhouses
- Highway Commercial Uses: (see Parts 4 and 5)
 - Convenience Stores
 - Drive-in Restaurants
 - Hotels and Motels
 - Rest Stops
 - Restaurants
 - Service Stations / Gas Bars
- Recreation, Minor
- Retail, Small (less than 5,000 sq. ft. in size)
- Shipping Containers, Temporary (see Part 2 - No permit required, and Part 5, Section 36)
- Signs Type 1 (in accordance with Part 6)
- Signs Type 2 (in accordance with Part 6)
- Small Veterinarian Clinic
- Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)
- Solar Electric Vehicle Charge Stations/Facilities

(2) Discretionary Uses

- Accessory Buildings, Structures and Uses to an Approved Discretionary Use
- Alternative or Renewable Energy Facilities (see Part 7)
- Automotive Sales and Service
- Big Box/Comprehensive Retail
- Cannabis Retail Store (see Part 5, Section 12)

Farm Machinery Sales and Service
 Flea Markets
 Machinery and Equipment Sales and Service
 Manufactured Home Sales
 Public and Institutional
 Public and Private Utilities
 Recreational Vehicle Sales and Service
 Residential Uses if Secondary to the Approved Commercial Use
 Retail, Large (5,000 sq. ft. or greater in size)
 Signs Type 3 (in accordance with Part 6)
 Small Wind Energy Conversion Systems (see Part 7)
 Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
 Specialty Manufacturing/Cottage-Industry
 Truck Stops
 Workshop Institutional Use

(3) Prohibited Uses

◆ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.

3. MINIMUM LOT SIZE

- (1) The minimum required parcel or lot size shall be:
 - (a) existing parcels;
 - (b) 0.8 ha (2 acres) of developable land or greater as reasonably required to support the proposed use if private disposal sewage systems are used.
- (2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:
 - (a) the lots are to be connected to municipal services; or
 - (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality. In such situations, the minimum lot area should not be less than 0.2 ha (20,000 sq. ft.) unless special circumstances warrant a smaller size; and
 - (c) the Subdivision Authority or Development Authority is satisfied that the minimum setback requirements of this bylaw can be met.

4. MINIMUM LOT DIMENSIONS

In addition to the minimum lot size required, the following minimum parcel and lot areas for all the permitted and discretionary uses listed above are also applicable:

Use	Frontage Minimum		Depth Minimum	
	m	ft.	m	ft.
All uses	30.5	100	45.7	150

5. MINIMUM YARD SETBACK REQUIREMENTS

- (1) All uses except extensive agriculture require a minimum property line setback of:

Front Yard			Side Yard		Rear Yard	
m	ft.		m	ft.	m	ft.
9.1	30	interior lot	6.1	20	9.1	30
		corner lot	1 @ 9.1 1 @ 6.1	1 @ 30 1 @ 20		

- (2) Where any part of a parcel to be developed for a business or industrial use has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be imposed as a condition of approval by the Development Authority in accordance with the requirements of Alberta Transportation and the *Highways Development Protection Regulation*. For setbacks adjacent to or fronting highways or municipal road allowances, the following Section 6 stipulations shall apply.
- (3) As determined by the Development Authority, all buildings, structures and development that are to be located in the vicinity of an escarpment, coulee break, river bank or other geographical feature may have special requirements for setbacks upon due consideration of any geotechnical or slope stability analysis reports requested by the municipality.

6. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
- 38.1 metres (125 ft.) of the centre line of any municipal road allowance, unless authorized by the Development Authority;
 - 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
 - any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Landscaping setbacks shall be at the discretion of the Development Authority having consideration for future road widening and possible adverse effects on the safety of the roadway.

7. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality. If the development is within 300 metres (¾ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) No full-access frontages to parcels from local roads shall be allowed and developers shall be limited to one access per parcel in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality.
- (4) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.
- (5) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new subdivision or development. Construction and survey costs for a service road shall be the responsibility of the applicant.
- (6) To provide opportunities for convenient and free flowing traffic movements between lots, development on adjoining lots may be integrated by direct on-site access connections.
- (7) Vehicle-oriented highway or retail commercial uses, which cater to patrons generally remaining inside their vehicles, such as drive-in restaurants, drive-through vehicular services and gas bars, may be subject to special access and siting standards, in accordance with Section 15 below.

8. MAXIMUM SITE COVERAGE

The maximum site coverage for all permitted and discretionary uses:

- (a) principal and accessory buildings combined – 45 percent; or
- (b) as required by the Development Authority.

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal building and from all other structures on the same lot.
- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.

- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.

10. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.
- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system. All food establishments must be connected to a secure licensed or municipal potable water source.
- (4) Industrial or business uses that require or use a large volume of water may be denied a development permit if a secured source of water, relative to what is required for the development, is not verified or cannot be guaranteed to the satisfaction of Lethbridge County. This may include, but is not limited to, car/ truck wash facilities, food or other various processing industries, and biofuel plants associated with ethanol production.

11. ARCHITECTURAL CONTROLS

All development must comply with any approved architectural controls if required as part of an area structure plan or subdivision approval. Proof of compliance to the applicable architectural controls is required at the time of submission of a development permit application.

12. AREA STRUCTURE PLANS AND DESIGN SCHEMES

Pursuant to the criteria outlined in the Municipal Development Plan, the Development Authority may recommend that Council require the adoption of an area structure plan or design scheme prior to consideration of an application.

13. AIRPORT AREA RESTRICTIONS

Properties that lie within the area shown in Map 1, Part 5, will have additional subdivision and development restrictions as outlined in Part 5, Section 3, Airport Area Restrictions.

14. VEHICLE-ORIENTED USES SITING STANDARDS

- (1) Vehicle-oriented uses should be located only where the development will not adversely affect the functioning of surrounding public roadways.

- (2) Queuing space should be provided as follows:
- (a) In addition to the off-street parking requirements, a drive-through use is required to provide the following minimum stacking spaces:
 - Restaurant use: 30.5 metres (100 ft.) from order box to pick-up window
 - Gas station: 9.1 metres (30 ft.) from each end on pump island
 - Bank machine: 22.9 metres (75 ft.) from bank machine window
 - Car wash: 15.2 metres (50 ft.) from car wash entrance
 - Vehicle services (drive-in bay): 15.2 metres (50 ft.) from car wash entrance
 - Other: As determined by the Development Authority
 - (b) The minimum stacking space requirements in Section 15(2)(a) may be varied by the Development Authority depending upon the intensity of the proposed development.
 - (c) Queuing lanes should be located to the outer perimeter of the businesses parking lot wherever possible, to avoid vehicles in queuing spaces from impeding/blocking other vehicles navigating parking spaces.
 - (d) Queuing lanes must provide sufficient space for turning and manoeuvring, and be maintained by the registered owner or lessee.

15. COMMERCIAL DEVELOPMENT STANDARDS

- (1) No use shall be approved which may generate traffic problems within the district.
- (2) Any proposed industrial development shall meet all the required and appropriate regulations of the Alberta Building Code.
- (3) On parcels located adjacent to provincial highways, any storage of goods, products, raw materials, etc. shall be effectively screened from view by buildings, solid fences, landscaped features, or combinations thereof and be maintained in good repair.
- (4) Landscaping, fencing, screening and siting or setback restrictions may be imposed as a condition of a development permit, with consideration for Section 16 below, and Part 4, Section 25.
- (5) Where it appears that greater side yard setbacks may be necessary, the Development Authority may impose such a requirement as a condition of a development permit.

16. LANDSCAPING, SCREENING AND LOCATION OF STORAGE

- (1) Separation, or buffering, between adjacent land uses may be required, including the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact.
- (2) See Part 4 – General Land Use Provisions, Section 25 for landscaping requirements.
- (3) Outdoor storage is prohibited in the front yard.
- (4) The outdoor display of goods, materials or equipment solely for advertisement purposes may be allowed, unless otherwise stipulated by the Development Authority, subject to the following:

- (a) the display of goods, materials or equipment may be permitted in the front yard provided that it is restricted to examples of limited equipment, products, vehicles or items sold by the business or industrial use located on the subject site containing the display area;
 - (b) the outdoor display areas are not located within any required setback; and
 - (c) the display areas are not located on any required and approved landscaping area.
- (5) Refuse or garbage shall be kept in a suitably-sized container or enclosure, effectively screened, and the refuse containers shall be located in a rear yard only.
- (6) Equipment, parts, or wrecked or damaged motor vehicles which might be located or stockpiled on the property as part of an approved development must be effectively screened from all adjacent parcels and roadways in the vicinity.

17. LOADING AREA REQUIREMENTS

- (1) For commercial, industrial and other uses, there shall be a minimum of one off-street designated loading area, or more as required by the Development Authority.
- (2) Each loading area shall be designed in such a manner that it will not interfere with convenient and safe pedestrian movement, traffic flow, site access/approaches onto public roadways, or parking.
- (3) See Part 4 – General Land Use Provisions for additional standards.

18. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

19. MIXED-USE DEVELOPMENTS

Development permit applications for mixed-use developments (buildings or parcels of land) may be considered for approval in this district if the uses conform to the list of permitted or discretionary uses. For specific details, the criteria and standards of development stipulated in Part 5 will apply.

20. SITE PLANS

- (1) The Development Authority may require a professionally prepared detailed comprehensive site plan as part of the development permit application to illustrate existing and proposed buildings, structures, roads and access points, setbacks, landscaping, parking, and utility easements.
- (2) The Development Authority shall require professionally prepared site plan as described in Section 20(1) above as part of the development permit application, for any proposed mixed-use parcel of land.

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- 21. OFF-STREET PARKING REQUIREMENTS** (See Part 4 – General Land Use Provisions)
 - 22. USE SPECIFIC STANDARDS OF DEVELOPMENT** (See Part 5 – Use Specific Provisions)
 - 23. MOVED-IN BUILDINGS** (See Part 5 – Use Specific Provisions)
 - 24. SIGN REGULATIONS** (See Part 6)
 - 25. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS** (See Part 7)
 - 26. FORMS** (See Appendix B)
 - 27. FEES** (See Appendix C)

RURAL RECREATIONAL - RR

1. PURPOSE

The purpose of this district is to facilitate the development of both public and private/commercial recreational uses at selective locations within Lethbridge County. This district may be used to conserve, enhance and expand the County's recreational resources, without compromising agricultural activities or the municipality's natural or environmentally significant attributes.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use
Boat Docks, Marinas and Ancillary Structures (see Section 18 of this district)
Club Houses Associated with a Recreational Use
Dwellings:
 Single-detached Site-built
 Single-detached Manufactured Home 1 (see Part 5, Section 24)
 Single-detached Ready-to-move (see Part 5, Section 24)
Residential Accommodation (owner/caretakers suite) in Conjunction with an Approved Recreational Use
Equestrian Facility
Playgrounds
Public Day Use Areas
Public Picnic Areas
Recreation, Minor (see Part 9)
Retail in Conjunction with an Approved Recreational Use
Riding Academies and Arenas (commercial)
Shipping Containers, Temporary (see Part 5, Section 36)
Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)
Signs Type 1 and 2 (in accordance with Part 6)

(2) Discretionary Uses

Accessory Buildings, Structures and Uses to an Approved Discretionary Use
Campgrounds and Recreational Vehicle (RV) Parks (Seasonal Use) (see Section 14 of this district)
Cluster Lodges/Cabins Accommodation (see Section 15 of this district)
Driving Ranges
Golf Courses
Motocross / Motor Sports Park (see Part 5, Section 24)
Moved-in Buildings Associated with a Recreational Use (see Part 5, Section 27)
Paint Ball Operations (see Part 5, Section 28)
Park Model Trailers, Seasonal
Public and Private Utilities

Public/Institutional Uses
Recreational Facilities
Recreational Vehicle (RV) Parks* (see Section 13 of this district)
Restaurants as an Accessory Recreational Use
Rodeo Grounds
Shipping Containers (see Part 5, Section 36)
Shooting Ranges - Rifle, Pistol and Archery Ranges (see Section 16 of this district and Part 4, Section 37)
Signs Type 3 (in accordance with Part 6)
Small Wind Energy Conversion Systems (see Part 7)
Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
Tourist Accommodations (see Part 4)
Water Ski Parks (see Section 17 of this district)
Waterslides / Water Parks (see Section 17 of this district)
Any other uses determined by the Development Authority to be similar in nature to any permitted or discretionary use

(3) Prohibited Uses

Confined Feeding Operations
Grouped Country Residential
Noxious Industry
Resource Extraction
Stripping and Sale of Topsoil

◆ *Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.*

* *Individual Recreational vehicle units (motor homes/campers) which are not considered permanent buildings or structures and are located in an approved RV park or campground do not require a development permit [see Part 1 – Administrative, Section 13 (Development Not Requiring a Development Permit)], but must adhere to the regulations or requirements of any conceptual design scheme, area structure plan, or conceptual site plan that may be approved.*

3. MINIMUM PARCEL SIZE

Minimum parcel sizes shall be at the discretion of the Subdivision and Development Authority based on the type of proposal with the following standards being applied:

- (1) The minimum parcel size for any use which is not municipally serviced but which requires a means of sewage disposal shall be:
 - (a) 0.8 ha (2 acres) in area; or
 - (b) as indicated in an approved area structure plan or conceptual design scheme.
- (2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:
 - (a) the lots are to be connected to municipal or communal services; or

- (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality.
- (3) For municipal or communally serviced parcels or lots, the following minimum lot size is recommended and may be imposed by the Subdivision and Development Authority for various uses in this land use district:

	Width		Area	
	m	ft.	m ²	sq. ft.
Serviced lots	15.2	100	929.0	10,000

- (4) At its discretion, the Subdivision and Development Authority may establish greater minimums for specific proposals, based on the type of development.

4. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
 - (a) 38.1 metres (125 ft.) of the centre line of any municipal road allowance, unless otherwise approved by the Development Authority;
 - (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
 - (d) any greater distance that may be required by the Designated Officer in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Where any parcel or part of a parcel has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be required by Alberta Transportation under the *Highways Development Protection Regulation*.
- (3) Landscaping setbacks shall be at the discretion of the Designated Officer having consideration for future road widening and possible adverse effects on the safety of the roadway.
- (4) For uses which do not front or are adjacent to a provincial highway or statutory road allowance and have frontage on an internal subdivision, service or private roadway will require a minimum property line setback of:

Front Yard	Side Yard	Rear Yard
7.62 m (25 ft.)	interior lot – 3.05 m (10 ft.)	7.62 m (25 ft.)
or such greater as required by the designated officer or as specified in an adopted area structure plan	corner lot – 1 @ 3.05 m (10 ft.) – 1 @ 6.1 m (20 ft.)	or such greater as required by the designated officer or as specified in an adopted area structure plan
	or greater, as required by the designated officer or as specified in an adopted area structure plan	

- (5) In conjunction with the roadway setbacks required, all developments must also meet the applicable minimum side and rear yard setbacks as stipulated in Section (4) above, unless required otherwise by the Development Authority.
- (6) At the discretion of the Development Authority, the applicable setbacks required may be in conjunction with any approved area structure plan or to reasonably accommodate the proposed use.
- (7) Decks attached to any building are to be considered as part of the principal building and the applicable setbacks referenced in (1) through (4) above shall apply.

5. MAXIMUM LOT COVERAGE

As required by the Development Authority, but in all instances the principal building and ancillary buildings combined shall cover no more than 60 percent of the total surface area of the lot.

6. ACCESS

To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway to the satisfaction of the Development Authority in accordance with municipal road standard policy. If the development is within 300 metres (1,000 ft.) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.

7. ACCESSORY BUILDINGS OR STRUCTURES

- (1) An accessory building or structure shall be accessory to a recreational use and not be used as a dwelling unless approved as a residential accommodation in conjunction with an approved recreational use, and shall only be constructed in combination with or after the principal building has been constructed.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.
- (3) An accessory building or structure shall not be located in a front yard or on an easement.
- (4) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.

- (5) For recreational vehicle (RV) parks, accessory buildings or structures shall not exceed 37.2 m² (400 sq. ft.) in size and 5.47 metres (18 ft.) in height.

8. AREA STRUCTURE PLANS AND CONCEPTUAL DESIGN SCHEMES

Pursuant to the criteria outlined in the Municipal Development Plan, Council may require the adoption or approval of an area structure plan or conceptual design scheme prior to considering applications for development. The Development Authority may recommend that Council require the adoption of an area structure plan or conceptual design scheme prior to the approval of a development application if, in the Development Authority's opinion, it is warranted.

9. MIXED-USE DEVELOPMENTS

Development permit applications for mixed-use developments (buildings or parcels of land) may be considered for approval in this district if the uses conform to the list of permitted or discretionary uses. For specific details, the criteria and standards of development stipulated in Part 5 will apply.

10. SITE PLANS

- (1) The Development Authority may require a professionally prepared detailed comprehensive site plan as part of the development permit application to illustrate existing and proposed buildings, structures, roads and access points, setbacks, landscaping, parking, and utility easements.
- (2) The Development Authority shall require professionally prepared site plan as part of the development permit application, for any proposed mixed-use parcel of land.

11. ARCHITECTURAL CONTROLS

As a development standard of the area structure plan, architectural controls are suggested to be supplied by the developer to ensure that all development in the development area is of high quality and is consistent with neighbouring property. These controls may be registered concurrently by a Restrictive Covenant at the time a plan of survey is filed with the Land Titles Office.

12. SPECIAL DEVELOPMENT CONSTRAINTS

When a recreational development is proposed, Council or the Development Authority may consider the potential effect on the following when rendering a decision on the application:

- (a) the safe and efficient use of nearby highways and secondary roads;
- (b) potential future resource developments in the vicinity;
- (c) access to or development of existing or potential recreation amenities;
- (d) surrounding agricultural operations, including confined feeding operations;
- (e) critical wildlife habitats;
- (f) the visual aesthetics of the surrounding landscape;

- (g) the natural amenities provided by the land including, but not limited to, varied topography, sloping land, a scenic view and tree cover;
- (h) areas prone to flooding or groundwater inundation;
- (i) water supply and sewage disposal;
- (j) areas of historical or archaeological significance;
- (k) the irrigation functions of the reservoirs;
- (l) future growth strategies of urban municipalities or conformity to existing inter-municipal plans or agreements;
- (m) the proximity to grouped country residential land uses in the area; and
- (n) any other matter the Development Authority considers relevant.

13. RECREATIONAL VEHICLE (RV) PARKS

- (1) Council or the Development Authority may impose special standards and requirements in considering proposals for Recreational Vehicle (RV) parks, based on the type of proposal and method of water and sewer being provided.
- (2) The applicant may be requested to provide a professionally prepared detailed conceptual site layout plan of the RV park and illustrate the location of related and proposed improvements.
- (3) Through the application of architectural controls, homeowners association agreements, and the approval of an area structure plan or conceptual design scheme, the number of recreational vehicles (RVs) and related vehicles, (i.e. campers, boats) may be regulated and limited on individual sites.
- (4) RV sites are for the purpose of accommodating landowner's individual RV units for personal recreational use, and are not to be used for RV storage.
- (5) In conjunction with the roadway setbacks required, all developments must also meet the applicable minimum side and rear yard setbacks to the property lines as stipulated in Section 4(1)(4) above, unless required otherwise by the Development Authority. The Development Authority may request that individual RV lots are established with development building pockets so that each lot should have a minimum of 6.1 metres (20 ft.) clearance between the side doors of the recreational unit any other unit on an adjacent lot.
- (6) Back-in lots shall be designed so not to exceed a 60 degree angle to the direction of traffic flows on the RV park roadway or public road.
- (7) All Recreational Vehicle (RV) park developments shall provide adequate potable water and sewage disposal methods (individual or communal) acceptable to Lethbridge County and must meet the provincial and public health regulations.
- (8) Recreational Vehicle (RV) parks may consist of individually deeded (titled) lots for RV units if approved by the Lethbridge County Subdivision and Development Authority in conjunction with an approved plan.

- (9) The Development Authority may require that a minimum 10 percent of the RV park parcel area be reserved for public space, which may include the provision of playground structures/facilities for children.
- (10) The Development Authority may refuse to approve a development permit for a Recreational Vehicle (RV) park development if it is determined that the proposed site is situated too close to an active confined feeding operation. The Development Authority shall use the minimum distance separation calculations as outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* to determine the required setback to be considered.

14. CAMPGROUNDS

- (1) Campground developments shall be required to be located on one title or parcel, and individual titles for camp sites shall not be permitted.
- (2) An applicant may be requested to provide a professionally prepared detailed conceptual site plan of the campground site illustrating the camp stalls with size dimensions, landscaping, fencing, internal circulation, site access and egress, sani-dump stations, and illustrate the location of public facilities, fire pits, garbage receptacles, and related or proposed improvements.
- (3) Minimum camp site (stall) sizes shall be 111.5 m² (1,200 sq. ft.) for each tent and recreational vehicle including car parking areas. Lots with water and sewer shall be a minimum of 186 m² (2,000 sq. ft.) with a minimum width of 8.5 m² (28 ft.).
- (4) Individual camp sites shall have a minimum of 6.1 metres (20 ft.) clearance between the side doors of the recreational unit any other unit.
- (5) Roads leading to the proposed campground may be required as a condition of approval, including the stipulation that the roads are to be brought into a condition necessary to sustain the volume and type of traffic to be generated by the proposed campground. If the proposal is situated adjacent to a provincial highway, the applicant is also responsible for obtaining approval and a permit from Alberta Transportation.
- (6) All campground developments shall provide adequate potable water and sewage disposal methods acceptable to Lethbridge County and must meet the provincial and public health regulations.
- (7) Noise control measures may also be required and imposed as a condition of permit approval, and may include the use of berms, natural barriers and screens, land use location setbacks, and enforced camp management control (i.e., limiting active hours).
- (8) The Development Authority may require that a minimum 5 percent of the campground parcel area be reserved for public space, which may include the provision of playground structures/facilities for children.
- (9) The Development Authority may impose special standards of development and may consider the *Alberta Tourism Campground Standards* or other provincial guidelines or similar regulations to be applied as a condition of approval.

- (10) The Development Authority may refuse to approve a development permit for a campground development if it is determined that the proposed site is situated too close to an active confined feeding operation. The Development Authority shall use the minimum distance separation calculations as outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* to determine the required setback to be considered.
- (11) Campgrounds or campgrounds in conjunction with an associated RV Park design are categorized as a seasonal type of land use activity.

The Development Authority may impose any of the standards listed in Section 14 above to the RV Park component.

15. CLUSTER LODGES/CABINS ACCOMMODATION

- (1) Cluster Lodges/Cabins Accommodation are intended as a type of recreational guest, rental, or tourist accommodation which may consist of multiple buildings clustered together in proximity and may include a main day/cooking lodge with associated multiple secondary private sleeping accommodation units.
- (2) Cluster Lodges/Cabins Accommodation developments shall be required to be located on one title or parcel, and individual titles for accommodation buildings or cabins shall not be permitted.
- (3) An applicant may be requested to provide a professionally prepared detailed conceptual site plan of the cluster lodges or cabins site illustrating the buildings with size dimensions, landscaping, parking, fencing, internal circulation, site access and egress, amenity areas, and illustrate the location of public facilities, fire pits, picnic tables, garbage receptacles, and related or proposed improvements.
- (4) All cluster lodges/cabins accommodation developments shall provide adequate potable water and sewage disposal methods acceptable to Lethbridge County and must meet the provincial and public health regulations.

16. SHOOTING RANGES – RIFLE, PISTOL, AND ARCHERY RANGES

Part 5, Section 37, Use Specific Provisions / Standards of Development contains land use and development standards that shall be required in consideration of a development permit or subdivision for any such use, and may be stipulated as a condition of a subdivision or development approval.

17. WATER SLIDES AND WATER PARKS

- (1) Any proposed recreational use that involves using large volumes of water or a natural or diverted source of water in conjunction with the operation of the development (e.g., rivers, lakes, reservoirs, irrigation district canals) must provide evidence to the satisfaction of the Development Authority that there is an adequate and approved source of water as required for the development.

- (2) Applications to accommodate a water based recreational use shall be required to obtain all necessary approvals from Alberta Environment and Sustainable Resource Development and/or the irrigation district if applicable.
- (3) Part 4, General Land Use Provisions, Standards of Development, contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.

18. BOAT DOCKS AND MARINAS

- (1) Any proposed recreational boat dock or marina to be installed on a water body may, depending on the type of water body, require other agencies, irrigation districts, or provincial department approvals. Development permit approval may be denied by the Development Authority if the entity having jurisdiction over the water denies permission for the placement of the boat dock or marina.

19. APPLICATION REFERRALS

Applications to accommodate a Recreational Vehicle (RV) park, campground, or other recreation use should be referred to the local health region, and any affected provincial agency or regulatory body as needed, including Alberta Environment and Sustainable Resource Development, Alberta Transportation, Tourism, Parks and Recreation, and the Historical Resource Administrator, for comment prior to rendering a decision by the approval authority.

20. REFUSE SCREENING AND STORAGE

Refuse and garbage shall be required to be kept in suitably-sized and enclosed containers and it shall be effectively screened until such time as collection or disposal is possible.

21. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

22. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

Part 5 contains additional land use and development standards that may be required and stipulated as a condition of a subdivision or development approval for use specific developments, such as, but not limited to, motocross/motor sport parks, moved-in buildings, paint ball operations, shooting ranges (rifle, pistol and archery), etc.

23. LANDSCAPING AND SCREENING (See Part 4 – General Land Use Provisions)

24. MINIMUM SETBACK REQUIREMENTS FROM RAILWAYS (See Part 4 – General Land Use Provisions)

25. PARKING AND LOADING AREA REQUIREMENTS (See Part 4 – General Land Use Provisions)

26. RURAL SERVICING STANDARDS AND SOIL SUITABILITY (See Part 4 – General Land Use Provisions)

27. SIGN REGULATIONS (See Part 6)

28. SUBDIVISION CRITERIA (See Part 8)

HAMLET RESIDENTIAL - HR

1. PURPOSE

To provide for a high-quality living environment for hamlet residents pursuant to the Municipal Development Plan recognition that hamlets act as an important service centre for the agricultural community. Non-residential uses within the hamlet should be considered with regard for nearby residential uses and not create conflicts or adversely affect such uses as best as possible.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use

Day Homes (see Part 2 - No permit required and Part 5, Section 17)

Dwellings:

Semi-detached Dwellings

Single-detached Site-built

Home Occupations 1 (see Part 5, Section 22)

Parks, Playgrounds and Sportsfields

Public Utilities

Signs Type 1 (in accordance with Part 6)

Shipping Containers, Temporary (see Part 2 - No permit required and Part 5, Section 36)

Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)

(2) Discretionary Uses

Accessory Buildings, Structures and Uses to an Approved Discretionary Use

Bed and Breakfasts (see Part 5, Section 9)

Day Care (see Part 5, Section 16)

Dwellings:

Duplex Dwellings

Moved-in Dwellings (see Part 5, Section 24)

Multiple-unit Dwellings

Row dwellings or Townhouses

Single-detached Manufactured Homes 1 (see Part 5, Section 24)

Single-detached Manufactured Homes 2 (see Part 5, Section 24)

Single-detached Ready-to-move (see Part 5, Section 24)

Home Occupations 2 (see Part 5, Section 22)

Lodging or Boarding Houses

Manufactured Home Additions

Manufactured Home Parks (on one title) (see Section 18 of this district)

Manufactured Home Park Maintenance/Storage Uses

Manufactured Home Park Maintenance / Utility Uses

Secondary Suites (contained within a single-detached dwelling) (see Part 5, Section 34)

Senior Citizen Housing
 Signs Type 2 Fascia (in accordance with Part 6)
 Small Wind Energy Conversion Systems (see Part 7, Section 3)
 Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
 Tourist Homes/Short Term Rentals (see Part 5, Section 41)

(3) Prohibited Uses

Park Model Trailers
 Shipping Containers (permanent)

- ◆ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be Similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.
- ◆ In the Hamlet of Fairview, Manufactured Homes 1 and 2 (including Mobile Homes) are prohibited.

3. MINIMUM LOT SIZE

(1) The minimum lot size required for parcels with public water supply and sewage disposal systems shall be:

Use	Width		Length		Area	
	m	ft.	m	ft.	m ²	sq. ft.
Single-detached dwelling	15.2	50	30.5	100	464.5	5,000
Duplex dwelling and semi-detached dwelling (for each unit side)	15.2	50	30.5	100	464.5	5,000
	7.6	25	30.5	100	232.3	2,500
Row dwelling or townhouses						
– interior unit	4.9	16	30.5	100	148.6	1,600
– end unit	7.6	25	30.5	100	232.3	2,500
Multiple-unit dwelling	24.4	80	30.5	100	743.2	8,000
Manufactured homes	15.2	50	30.5	100	464.5	5,000
All other uses	As required by the Development Authority					

(2) The Development Authority may approve a development on an existing registered lot if the minimum dimensions or area are less than those specified above in Section 3(1).

(3) Despite the above requirements, lots located on curved streets or cul-de-sacs may have a lesser physical frontage due to the radius of the road curve, but in no instance shall it be less than a minimum frontage of 6 metres (19.68 ft.).

(4) The minimum lot size required for all un serviced or partially serviced parcels developed for single-detached, semi-detached, duplex, single-wide and double-wide manufactured home dwellings shall be:

Use	Width		Length		Area	
	m	ft.	m	ft.	m ²	sq. ft.
Municipal sewer only	30.5	100	30.5	100	929.0	10,000
Municipal water only	30.5	100	30.5	100	1393.5	15,000
No municipal water and no municipal sewer	30.5	100	30.5	100	1858.0	20,000

or such greater area as may be required by the Development Authority in accordance with Regional Health Authority and Alberta Environment regulations or recommendations.

- (5) The minimum lot size required for all unserviced or partially serviced lots developed for multiple-unit dwellings, row dwellings or townhouses, or other uses within this district shall not be less than those measurements required by the Development Authority in accordance with Regional Health Authority and Alberta Labour (Safety Code) regulations or recommendations.

4. MINIMUM YARD SETBACK REQUIREMENTS

- (1) The minimum setbacks required for any building or structure from the property lines shall be:

Use	Front Yard		Side Yard		Rear Yard	
	m	ft.	m	ft.	m	ft.
Single-detached and ready-to-move dwellings	6.1	20	1.5	5	7.6	25
Duplex dwellings (2 storeys)	6.1	20	1.5	5	7.6	25

Use	Front Yard		Side Yard		Rear Yard	
	m	ft.	m	ft.	m	ft.
Semi-detached dwellings (side-by-side, common wall)	6.1	20	1.5	5	7.6	25
Row dwellings or townhouses						
– interior unit	6.1	20	—	—	7.6	25
– end unit	6.1	20	3.05	10	7.6	25
Multiple-unit dwellings	6.1	20	3.05	10	9.1	30
Manufactured homes 1	6.1	20	1.5	5	7.6	25
Manufactured homes 2	6.1	20	4.6	15	3.0	10
			main entrance			
			1.5	5		
			other side			

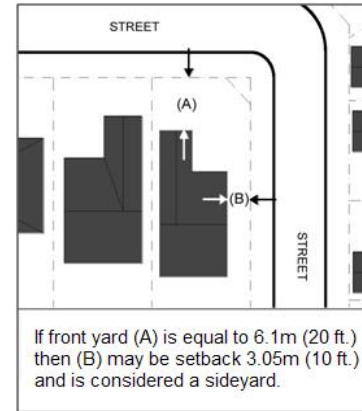
(2) **Minimum Corner Lot Setbacks**

Where any lot has more than one front yard line, the front yard requirement shall apply to all yards, but at the discretion of the Development Authority only one-half the front yard requirement may apply to one of the front yards, and that yard shall be considered a side yard.

(3) **Corner Lot Restrictions** – See Part 4 – General Land Use Provisions

(4) **Minimum Lot Line Setbacks for Overhanging Eaves**

The overhanging eaves of a principal building shall not be less than 0.61 metre (2 ft.) from the side lot line.



5. OTHER SETBACK REQUIREMENTS

In addition to municipal required setbacks of the bylaw, the Development Authority shall also consider other provincially mandated setbacks that may apply to developments in certain situations, including the following:

- (1) Where a hamlet has a municipal wastewater treatment facility, an operating landfill, a non-operating landfill, waste storage site or a hazardous waste management facility in the vicinity, development (such as residential dwellings, food establishments, schools, etc. as outlined in the Regulation) must meet the provincial specified setback distances as prescribed in the *MGA, Matters Relating to Subdivision and Development Regulation*.
- (2) At the discretion of the Subdivision or Development Authority, the required setback distance may be reduced for subdivision or development within the 300 m setback buffer to the wastewater treatment facility in the Hamlet of Shaughnessy in consideration of the engineered *Odour Assessment (Potential Nuisance Levels of Odour for the Shaughnessy Lagoons)* report (September 2023) and how the study's findings and modelling relates to the subject land location and proposed use.
- (3) In all hamlets, the Subdivision or Development Authority may apply setback discretion to the items referenced in section 5(1) using the *Alberta Environment and Protected Areas Guideline for Setback Reviews* to evaluate a development permit or subdivision application where the setback distances are planned or being considered for a reduction provided the appropriate study and mitigating measures are provided or in accordance with any other provincially mandated requirements.

6. MAXIMUM SITE COVERAGE

Principal and ancillary buildings combined shall cover no more than 45 percent of the total lot area.

7. MINIMUM FLOOR AREA

Use	Area	
	m ²	sq. ft.
Single-detached dwellings and Ready-to-move dwellings	74.3	800
Duplex and semi-detached dwellings	65.0	700
Multiple-unit dwellings	65.0	700
Row dwellings or townhouses	65.0	700
Manufactured homes 1	74.3	800
Manufactured homes 2		
Single-wide manufactured homes 2	65.0	700
Double-wide manufactured homes 2	72.0	775
Moved-in dwelling	74.3	800
All other uses	As required by the Development Authority	

8. MAXIMUM HEIGHT OF BUILDINGS

Principal building – 10.0 metres (33 ft.)

Accessory building – 5.49 m (18 ft.)

All other uses – As required by the Development Authority

9. ACCESSORY BUILDINGS AND STRUCTURES

- (1) **Maximum Height & Size** – No accessory building shall exceed 5.49 m (18 ft.) in height. In no case shall any detached accessory structure exceed 167.2 m² (1,800 sq. ft) in area size.
- (3) The first accessory building, which is 9.3 m² (100. sq. ft.) or less in area, placed on a lot does not require a development permit, but any second or subsequent accessory building shall require a development permit.
- (4) The Development Authority may limit the number of accessory buildings on a lot.
- (5) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (6) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.



(7) **Minimum Yard Setback Requirements**

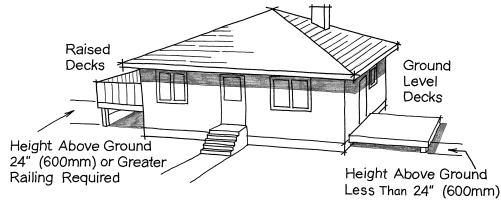
- (a) Accessory buildings and structures shall not be less than 1.5 metres (5 ft.) from a side lot line or rear lot line.
- (b) A carport is permitted in a side yard but shall not be less than 1.5 metres (5 ft.) from a side lot line.
- (c) The side yard requirement for a principal building with an attached garage shall be the same as for a principal building.
- (d) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (e) An accessory building or structure shall be setback a minimum 1.2 metres (4 ft.) from the principal dwelling and from all other structures on the same lot.

10. DECKS AND AMENITY SPACES

- (1) A development permit is required for the construction of any deck 0.6 metre (2 ft.) or more above grade in height. Deck height is measured from the finished grade to the finished floor grade of the deck.
- (2) A development permit is required for the construction of any deck that is covered or enclosed (roof or walls), regardless of the height.
- (3) A development permit is required for the construction of a deck if it will be attached to a principal building.
- (4) For the purpose of calculating yard setbacks and site coverage requirements as provided in this bylaw, where a structure is attached to the principal building by a roofed structure (open or enclosed), it shall be deemed to be part of the principal building and must meet the required side and rear yard setbacks.
- (5) Decks not attached to a building that are not 0.6 metre (2 ft.) or more in height, do not require a development permit provided they meet the minimum setback requirements for accessory buildings.
- (6) **Rear Yard Setbacks:** uncovered decks may encroach into the minimum required rear yard setback a maximum distance of 3 metres (9.8 ft.).
- (7) For the purpose of applying these standards of the bylaw:
 - (a) A **deck** means a wooden, or other similar hard-surfaced platform, with or without a roof, walls or railings intended for outdoor living space or amenity area and which is generally attached to a building.
 - (b) A **raised deck** means a horizontal structure with a surface height 0.6 metre (2 ft.) or greater above grade at any point, but generally no higher than the first storey floor level, and is intended for use as a private outdoor amenity space.

(c) A **ground level deck** means an unenclosed (no roof or walls) amenity area of wood, or other similar material, that is constructed less than 0.6 metre (2 ft.) above grade and is typically attached to a dwelling.

(d) A **ground level patio** means an unenclosed (no roof or walls) amenity area of concrete, brick, wood, or other material that is constructed at grade and may or may not be or attached to a dwelling.



11. MAXIMUM FLOOR AREA AND STANDARDS FOR ATTACHED GARAGES (in Hamlets)

- (1) The total first floor area of any attached garage shall be less than the total first floor area of the principal building it is attached to but in all circumstances it is not to exceed 139.35 m² (1,500 sq. ft.).
- (2) For the purpose of calculating maximum site coverage an attached garage shall be considered as part of the principal building. When a garage or structure is attached to the principal building by a roof, floor, common wall or foundation above or below grade, it is considered to be part of the principal building. This includes a garage attached by a breezeway to the dwelling.
- (3) The maximum height of any attached garage shall be compatible with the roof ridge height of the principal building it is attached to, but in all circumstances, it is not to exceed by more than 10 percent the total height of the principal building. The maximum height is measured from the average finished grade (floor entry level) to the top of roof ridge.
- (4) The design, character and appearance of a garage attached to a dwelling shall complement and be compatible with the dwelling it is associated with and be consistent with the intent of the land use district in which the building is located.
- (5) The Development Authority may impose reasonable conditions on a development permit if it will make the attached garage or development more consistent with the character of the attached dwelling or neighbouring land uses.
- (6) The Development Authority may regulate the exterior finish, roofing material, window style and colour scheme of attached garages to improve the quality of the proposed development or ensure it is compatible with the dwelling it is attached to.



12. AREA STRUCTURE PLANS AND DESIGN SCHEMES

If an area proposed for development will become a more densely developed residential area in the future, an area structure plan or design scheme may be required.

13. ELIGIBLE MANUFACTURED HOMES

- (1) New factory-built manufactured homes.
- (2) Used factory-built manufactured homes, constructed from 1985 to present, as determined to be in a state of good condition by the Development Authority.
- (3) Manufactured homes shall be CSA (Canadian Standards Association) certified.
- (4) Any application for a development permit to locate a used manufactured home on a manufactured home lot shall include a recent colour photograph of the manufactured home.
- (5) A Safety Codes inspection (at the expense of the applicant) of a used manufactured home proposed to be located on a manufactured home lot may be required by the Development Authority in order to determine if such a home is suitable.
- (6) A development permit may be denied at the discretion of the Development Authority if the Development Authority is of the opinion that the manufactured home is in a state of poor disrepair, unsuitable, or older than 1985.
- (7) The Development Authority may request that manufactured dwellings are registered with the Provincial Personal Property Registration. The CSA model number, serial number, and Alberta Personal Property Registration number should be provided at the time of submission of a development permit application if required to be registered with the County.

14. MANUFACTURED HOME ADDITIONS

All manufactured home additions shall require a development permit and shall be of a design and finish which will enhance and be compatible with the manufactured home.

15. MANUFACTURED HOME _GENERAL APPEARANCE

In order to maintain the residential character of the development:

- (a) the underside of the frames of manufactured homes, which are not provided with a basement, shall be within 0.9 metres (3 ft.) of the finished grade;
- (b) the front yard area of each lot shall be suitably developed and landscaped;
- (c) wheels and hitch shall be removed and skirting shall be in place immediately after placement of the manufactured home on the foundation.

16. ANCHORING A MANUFACTURED HOME DWELLING

Every manufactured home dwelling shall be securely anchored in conformity with CSA standards and provincial Safety Codes.

17. BASEMENTS

A basement for a manufactured home may be required at the discretion of the Development Authority. If a basement is to be provided, the access to the basement is to be housed within an approved enclosure.

18. MANUFACTURED HOME PARK DESIGN CRITERIA AND DEVELOPMENT STANDARDS (ON ONE PARCEL)

(1) General and Overall Appearance

The manufactured home park should incorporate detailed aesthetic consideration such as:

- (a) substantial landscaping design of the entire park in general and of individual sites in particular;
- (b) treatment of communal areas both indoor and outdoor;
- (c) imaginative handling of lamp standards, litter bins, street signs and things of this nature.

(2) Integration with Adjoining Residential Uses

The park design and subsequent placement of manufactured homes on lots should integrate well with adjoining residential development so as not to be obtrusive.

(3) Density

The design of the park should be such that the net side density of the park does not exceed 20 units per ha (8 units per acre).

(4) Open Space Requirements

A minimum of 10 percent of the manufactured home park area should be developed for park and playground use for the enjoyment of the inhabitants.

(5) Street Layout and Streetscape

- (a) Grouping or clustering of manufactured homes should provide a mixture of types and aesthetic variety along the streets and spatial relationships between the manufactured homes.
- (b) Street furniture such as light standards, signs, telephone booths, litter bins, etc., should, where possible, be of a high quality in design and harmoniously incorporated into the total streetscape.
- (c) Angled lots (60%) to the road are preferable to allow for easier transport and siting of homes on lots.
- (d) The required minimum road surface width for a manufactured home park, if the road is part of a private condominium plan, must be not less than 9 metres (30 ft.).
- (e) If the road is part of a municipal public road within an approved manufactured home park, the required minimum road right-of-way width must be not less than 20.1 metres (66 ft.).

(6) Open Space, Recreational Area and Buffer Strip Standards

(a) Landscaping Standards

A substantial number of mature trees and a good variety of shrubbery should be utilized in the landscaping of the park to provide both a park-like atmosphere and proper screening.

(b) Recreation Area and Development

The 10 percent of the manufactured home park which is dedicated to open space shall include playground equipment to accommodate children's play. This 10 percent area should also provide benches and a walkway for passive recreation.

(7) Servicing Requirements

- (a) A qualified engineer should be engaged at the expense of the developer to consult with the County and utility companies to arrive at a design for all interior servicing, including roads, drainage, sewer, water, natural gas, telephone, electrical and fire protection.
- (b) All on-site servicing should be built to the standards and requirements of Lethbridge County, TransAlta, and private utility providers, which may include ATCO Gas, Shaw and Telus.
- (c) Utility easements as may be required shall be provided within the site and reasonable access to these easements shall be granted to Lethbridge County and utility companies for the installation and maintenance of services.

(8) Garbage Enclosures

Garbage enclosures shall be properly screened to the satisfaction of the Development Authority. Common garbage receptacle areas, if provided in the comprehensive plan, must be suitably and effectively screened to the satisfaction of the Development Authority.

(9) Storage Compound

- (a) The developer of the manufactured home park should provide and maintain in good repair within the park, an area to accommodate the storage of recreational vehicles such as motor boats, travel trailers, etc.
- (b) The size of this storage compound shall be a percentage of the total site area as determined by the Development Authority.
- (c) The storage compound shall be screened by fences, trees, landscape features, or a combination thereof, to the satisfaction of the Development Authority, and shall be maintained in good repair.

(10) Park Maintenance / Storage Uses

The design of the park shall include an area or accessory building for the use of park maintenance and storage uses to be constructed for the care and maintenance of the park.

(11) Drawings to be submitted by Applicants

(a) Site Plan

- (i) A scaled site plan shall be submitted showing the manufactured home park and its immediate surroundings.
- (ii) The site plan shall indicate, among other things, the mix of single-wide and double-wide manufactured dwelling lots, the lot size dimensions, street and pavement widths, parking stalls, location of service buildings, storage compound, playground and walkway system.

(b) Utility Plan

- (i) The utility plan shall be based on the site plan.
- (ii) The utility plan shall indicate the location of all utilities necessary for the provision of the following services to the area to be developed:
 - water supply (including any proposed irrigation)
 - sanitary sewer
 - storm sewer
 - power
 - natural gas
 - telephone
 - cablevision
 - street lighting
- (iii) The sizing and specifications of all utilities to be determined in consultation with the County' Public Works Department and the respective utility companies or agencies.
- (iv) In conjunction with the above (b), and in relation to the storm sewer, an engineered storm water management plan must be provided to the satisfaction of the Development Authority.

(c) Layout Plan Showing Typical Single-detached Manufactured Home Lots

- (i) The layout plan shall indicate typical arrangement of single-detached manufactured dwellings.

(ii) The layout plan shall also indicate parking areas and landscaping of the lot.

(d) **Landscaping Plan**

A detailed landscaping plan shall illustrate the types of tree planting and ground occupy for internal buffer strips, open space and playground areas, irrigation layout, all single-detached manufactured dwelling lots, and entrances to the park.

19. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

20. LANDSCAPING AND SCREENING (See Part 4 – General Land Use Provisions)

21. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

22. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

23. READY-TO-MOVE DWELLINGS (See Part 5 – Use Specific Provisions)

24. MANUFACTURED HOMES 1 AND 2 (See Part 5 – Use Specific Provisions)

25. MOVED-IN DWELLINGS (See Part 5 – Use Specific Provisions)

26. HOME OCCUPATIONS (See Part 5 – Use Specific Provisions)

27. FORMS (See Appendix B)

28. FEES (See Appendix C)

HAMLET COMMERCIAL - HC

1. PURPOSE

To provide for a high quality and diverse range of commercial development for hamlet residents and to complement the Municipal Development Plan's recognition of the fact that hamlets act as important service centres for the agricultural community.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use
Banks / Financial Institutions
Convenience Stores
Medical Offices or Clinics
Offices
Personal Service Outlets
Restaurants
Retail Sales
Shipping Containers, Temporary (see Part 2 - No Permit Required and Part 5, Section 36)
Signs Type 1 (in accordance with Part 6)
Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)
Signs Type 2 (in accordance with Part 6)

(2) Discretionary Uses

Accessory Buildings, Structures and Uses to an Approved Discretionary Use
Ancillary Buildings and Uses
Bars and Lounges
Bus/Transportation Depots
Crematoriums / Funeral Homes
Day Care (see Part 5, Section 16)
Grocery Stores
Hotels and Motels
Liquor Stores
Public Utilities
Residential uses being Secondary to the Commercial Use which is the primary use of the property
Retail Cannabis Store
Signs Type 3 (in accordance with Part 6)
Service Stations / Gas Bars (including repair garage as an ancillary use) (see Part 5, Section 35)
Small Wind Energy Conversion Systems (see Part 7, Section 3)
Solar Collectors, Individual (ground mount) (see Part 7, Section 2)

(3) **Prohibited Uses**

- ◆ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.

3. MINIMUM LOT SIZE

Use	Width		Length		Area	
	m	ft.	m	ft.	m ²	sq. ft.
(1) All uses	4.6	15	30.5	100	139.4	1,500
(2) On unserviced or partially serviced lots, the lot measurements may be increased by the Development Authority and the following may be applied as the minimum lot size required for all <u>unserviced</u> or partially serviced parcels:						

Use	Width		Length		Area	
	m	ft.	m	ft.	m ²	sq. ft.
Municipal sewer only	30.5	100	30.5	100	929.0	10,000
Municipal water only	30.5	100	30.5	100	1393.5	15,000
No municipal water and no municipal sewer	30.5	100	30.5	100	1858.0	20,000

or such greater area as may be required by the Development Authority in accordance with Regional Health Authority and Alberta Environment regulations or recommendations.

- (3) Corner Lot Restrictions – See Part 4, Section 7.

4. MINIMUM YARD REQUIREMENTS

The minimum setback required shall be:

Use	Front Yard		Side Yard		Rear Yard	
	m	ft.	m	ft.	m	ft.
All uses	4.6	15	0	0	9.1	30

Variances to the required front yard setback may be considered based on historical development patterns for the street or block and the locations/setbacks of adjacent buildings or uses.

5. MAXIMUM SITE COVERAGE

The principal and ancillary buildings combined shall cover no more than 80 percent of the lot area.

6. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.

- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal dwelling and from all other structures on the same lot.
- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.

7. LANDSCAPING, SCREENING AND LOCATION OF STORAGE

- (1) Separation, or buffering, between adjacent land uses may be required, including the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact.
- (2) See Part 4 – General Land Use Provisions, Section 25 for landscaping requirements.
- (3) Outdoor storage is prohibited in the front yard. All loading, service, and storage areas (where permitted), shall be located to the rear and sides of the principal building and shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (4) The outdoor display of goods, materials or equipment solely for advertisement purposes may be allowed, unless otherwise stipulated by the Development Authority, subject to the following:
 - (a) The display of goods, materials or equipment may be permitted in the front yard provided that it is restricted to examples of limited equipment, products, vehicles or items sold by the business or industrial use located on the subject site containing the display area;
 - (b) the outdoor display areas are not located within any required setback; and
 - (c) the display areas are not located on any required and approved landscaping area.
- (5) Refuse or garbage shall be kept in a suitably-sized container or enclosure and shall be located in a rear yard only. Refuse containers shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (6) Equipment, parts, wrecked or damaged motor vehicles which might be located or stockpiled on the property as part of an approved development must be effectively screened from all adjacent parcels and roadways in the vicinity.
- (7) The Development Authority may require that any exposed projections outside the building, such as mechanical and electrical equipment and cooling towers, be screened from view from any public roadway and adjacent sites if, in the opinion of the Development Authority such projections are:
 - (a) inconsistent with the character and appearance of surrounding development or intended visual qualities of this district; or

- (b) are required in accordance with any area structure plan or intermunicipal development plan policies.

8. LOADING AREA REQUIREMENTS

- (1) For commercial, industrial and other uses, there shall be a minimum of one off-street designated loading area, or more as required by the Development Authority. Uses such as office buildings, business support services, and professional services that do not involve the production, sales, storage or shipping of products or goods may be exempted from this requirement by the Development Authority.
- (2) Each loading area shall be designed in such a manner that it will not interfere with convenient and safe pedestrian movement, traffic flow, site access/approaches onto public roadways, or parking.
- (3) See Part 4 – General Land Use Provisions for additional standards.

9. MIXED-USE DEVELOPMENTS

Development permit applications for mixed-use developments (buildings or parcels of land) may be considered for approval in this district if the uses conform to the list of permitted or discretionary uses. For specific details, the criteria and standards of development stipulated in Part 5 will apply.

10. SITE PLANS

- (1) The Development Authority may require a professionally prepared detailed comprehensive site plan as part of the development permit application to illustrate existing and proposed buildings, structures, roads and access points, setbacks, landscaping, parking, and utility easements.
- (2) The Development Authority shall require professionally prepared site plan as described in above Section 10(1) as part of the development permit application, for any proposed mixed-use parcel of land.

11. AREA STRUCTURE PLANS AND DESIGN SCHEMES

If the Development Authority is of the opinion the area proposed for the development will become a clustered commercial development in the future, an area structure plan or design scheme may be required.

12. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

13. LANDSCAPING AND SCREENING (See Part 4 – General Land Use Provisions)

- 14. OFF-STREET PARKING REQUIREMENTS** (See Part 4 – General Land Use Provisions)
- 15. USE SPECIFIC STANDARDS OF DEVELOPMENT** (See Part 5 – Use Specific Provisions)
- 16. MOVED-IN BUILDINGS** (See Part 5 – Use Specific Provisions)
- 17. SIGN REGULATIONS** (See Part 6)
- 18. FORMS** (See Appendix B)
- 19. FEES** (See Appendix C)

HAMLET INDUSTRIAL - HI

1. PURPOSE

To encourage the efficient development of the area and ensure that industrial development is compatible with other urban uses through the regulation of the following listed uses.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

- Accessory Buildings, Structures and Uses to an Approved Permitted Use
- Buildings and Structures Ancillary to Grain Elevators
- Building and Trade Contractor Services
- Farm Machinery Sales and Service Outlets
- Garden Centre / Greenhouses
- Grain Terminals
- Industrial Uses requiring Spur Trackage
- Mini-storage
- Non-noxious Manufacturing and Processing Facilities
- Railway and Railway Installations
- Shipping Containers, Temporary (see Part 2 - No Permit Required and Part 5, Section 36)
- Signs Type 1 (in accordance with Part 6)
- Signs Type 2 (in accordance with Part 6)
- Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)
- Transportation Depots
- Warehousing and Indoor Storage Facilities

(2) Discretionary Uses

- Accessory Buildings, Structures and Uses to an Approved Discretionary Use
- Alternative or Renewable Energy Facilities, Individual (see Part 7)
- Automobile Sales and Service Outlets
- Bulk Fuel Depots
- Car and Truck Wash Facilities (see Part 5, Section 13)
- Clubs/fraternal organizations
- Fertilizer Storage and Sales
- Outdoor Storage
- Public Utilities Installations
- Recreational Vehicle Storage (see Part 5, Section 31)
- Recreation, minor
- Residential in conjunction with an Approved Industrial Use
- Seed Processing Facility
- Service Stations and associated Repair Garages (see Part 5, Sections 6 and 35)
- Shipping Containers (see Part 5, Section 36)

Signs Type 3 (in accordance with Part 6)
 Small Wind Energy Conversion Systems (see Part 7, Section 3)
 Solar Collectors, Individual (ground mount) (see Part 7, Section 2)
 Veterinary Clinics, Small and Large Animal

(3) Prohibited Uses

Anhydrous Ammonia and Other Bulk Fertilizer Storage

◆ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.

3. MINIMUM LOT SIZE

Use	Servicing	Width		Length		Area	
		m	ft.	m	ft.	m ²	sq. ft.
All uses (except outdoor storage, railway, and public utilities installations)	Sewer and water	22.9	75	30.5	100	929.0	10,000
	Sewer or water only	30.5	100	30.5	100	1393.5	15,000
	Unserviced	30.5	100	30.5	100	1,858.0	20,000

4. MINIMUM SETBACK REQUIREMENTS

Use	Front Yard		Side Yard		Rear Yard	
	m	ft.	m	ft.	m	ft.
(1) All uses	6.1	20	4.6	15	7.6	25

Or greater as required by the Planning and Development Officer

(2) The Development Authority may require special standards for setbacks, access and service roadways for parcels adjacent to provincial highways in accordance with Alberta Transportation and Utilities recommendations, permit requirements and the *Public Highways Development Act*.

5. MAXIMUM SITE COVERAGE

As required by the Development Authority.

6. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal building and from all other structures on the same lot.
- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.

- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.
- (5) The maximum height of an accessory building or structure shall be as determined suitable by the Development Authority.

7. SERVICING REQUIREMENTS

- (1) Every development shall be required to install a sewage disposal system and potable water system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality.
- (2) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if the parcel on which it is proposed is not large enough or does not have suitable soil characteristics to support a sewage disposal system to the standard required.
- (3) The Development Authority may refuse a development, and the Subdivision Authority may refuse to approve a subdivision, if it cannot be demonstrated to the satisfaction of the approval authority that the parcel has access to a secure potable water source or system.
- (4) Industrial or business uses that require or use a large volume of water may be denied a development permit if a secured source of water, relative to what is required for the development, is not verified or cannot be guaranteed to the satisfaction of Lethbridge County. This may include, but is not limited to, car/ truck wash facilities, food or other various processing industries, and biofuel plants associated with ethanol production.

8. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality. If the development is within 304.8 metres (¼ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (3) No full-access frontages to parcels from local roads shall be allowed and developers shall be limited to one access per parcel in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, unless otherwise approved by the municipality.
- (4) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100 metres (328 ft.) on a local road.

- (5) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new subdivision or development. Construction and survey costs for a service road shall be the responsibility of the applicant.

9. ARCHITECTURAL CONTROLS

All development must comply with any approved architectural controls if required as part of an area structure plan or subdivision approval. Proof of compliance to the applicable architectural controls is required at the time of submission of a development permit application.

10. AREA STRUCTURE PLANS AND DESIGN SCHEMES

Pursuant to the criteria outlined in the Municipal Development Plan, the Development Authority may recommend that Council require the adoption of an area structure plan or design scheme prior to consideration of an application.

11. INDUSTRIAL DEVELOPMENT STANDARDS

- (1) No use shall be approved which may generate traffic problems within the district.
- (2) Any proposed industrial development shall meet all the required and appropriate regulations of the National Building Code – Alberta Edition.
- (3) On parcels located adjacent to provincial highways, any storage of goods, products, raw materials, etc. shall be effectively screened from view by buildings, solid fences, landscaped features, or combinations thereof and be maintained in good repair.
- (4) Landscaping, fencing, screening and siting or setback restrictions may be imposed as a condition of a development permit, with consideration for Section 12 below, and Part 4, Section 25.
- (5) Where it appears that greater side yard setbacks may be necessary, the Development Authority may impose such a requirement as a condition of a development permit.
- (6) No veterinary clinic shall be located within 300 metres (1,000 ft.) of a neighbouring residential building excepting an approved dwelling that is ancillary to the designated use.
- (7) No operation or activity associated with any use in this District shall be permitted which would create a nuisance factor from noise, odour, earthborn vibrations, heat, intense light sources or dust, outside an enclosed building.
- (8) See Part 4 – General Land Use Provisions for additional requirements.
- (9) See Part 5 – Use Specific Provisions.

12. LANDSCAPING, SCREENING AND LOCATION OF STORAGE

- (1) Separation, or buffering, between adjacent land uses may be required, including the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact.
- (2) See Part 4 – General Land Use Provisions, Section 25 for landscaping requirements.

- (3) Outdoor storage is prohibited in the front yard. All loading, service, and storage areas (where permitted), shall be located to the rear and sides of the principal building and shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (4) The outdoor display of goods, materials or equipment solely for advertisement purposes may be allowed, unless otherwise stipulated by the Development Authority, subject to the following:
 - (a) the display of goods, materials or equipment may be permitted in the front yard provided that it is restricted to examples of limited equipment, products, vehicles or items sold by the business or industrial use located on the subject site containing the display area;
 - (b) the outdoor display areas are not located within any required setback; and
 - (c) the display areas are not located on any required and approved landscaping area.
- (5) Refuse or garbage shall be kept in a suitably-sized container or enclosure and shall be located in a rear yard only. Refuse containers shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (6) Equipment, parts, wrecked or damaged motor vehicles which might be located or stockpiled on the property as part of an approved development must be effectively screened from all adjacent parcels and roadways in the vicinity.
- (7) The Development Authority may require that any exposed projections outside the building, such as mechanical and electrical equipment and cooling towers, be screened from view from any public roadway and adjacent sites if, in the opinion of the Development Authority such projections are:
 - (a) inconsistent with the character and appearance of surrounding development or intended visual qualities of this District; or
 - (b) are required in accordance with any area structure plan or intermunicipal development plan policies.

13. LOADING AREA REQUIREMENTS

- (1) For commercial, industrial and other uses, there shall be a minimum of one off-street designated loading area, or more as required by the Development Authority. Uses such as office buildings, business support services, and professional services that do not involve the production, sales, storage or shipping of products or goods may be exempted from this requirement by the Development Authority.
- (2) Each loading area shall be designed in such a manner that it will not interfere with convenient and safe pedestrian movement, traffic flow, site access/approaches onto public roadways, or parking.
- (3) See Part 4 – General Land Use Provisions for additional standards.

14. MIXED-USE DEVELOPMENTS

Development permit applications for mixed-use developments (buildings or parcels of land) may be considered for approval in this district if the uses conform to the list of permitted or discretionary uses. For specific details, the criteria and standards of development stipulated in Part 5 will apply.

15. SITE PLANS

- (1) The Development Authority may require a professionally prepared detailed comprehensive site plan as part of the development permit application to illustrate existing and proposed buildings, structures, roads and access points, setbacks, landscaping, parking, and utility easements.
- (2) The Development Authority shall require professionally prepared site plan as described in above Section 15(1) as part of the development permit application, for any proposed mixed-use parcel of land.

16. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

17. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

18. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

19. MOVED-IN BUILDINGS (See Part 5 – Use Specific Provisions)

20. SIGN REGULATIONS (See Part 6)

21. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

22. FORMS (See Appendix B)

HAMLET PUBLIC INSTITUTIONAL – HP/I

1. PURPOSE

To provide the opportunity to develop a range of public and institutional uses needed to support the agricultural community and hamlet residents, and enhance the quality of life.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

- Accessory Buildings, Structures and Uses related to an Approved Permitted Use
- Cemeteries
- Churches
- Community or Civic Halls and Clubs
- Day Care (see Part 5, Section 16)
- Fire Halls / Emergency Services
- Government Offices
- Hospitals / Medical Offices or Clinics
- Libraries
- Museums
- Parks, Playgrounds, and Sportsfields
- Public Utilities
- Schools / Educational Facilities
- Senior Citizen Housing
- Shipping Containers, Temporary (see Part 2 - No Permit Required and Part 5, Section 36)
- Signs Type 1 (in accordance with Part 6)
- Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)

(2) Discretionary Uses

- Accessory Buildings, Structures and Uses related to an Approved Discretionary Use
- Crematorium / Funeral Home
- Cultural Buildings and Facilities
- Exhibition Grounds
- Group Care Facility (see Part 5, Section 19)
- Recreation, Minor
- Private Utilities
- Signs Type 2 (in accordance with Part 6)
- Signs Type 3 (in accordance with Part 6)
- Small Wind Energy Conversion Systems (see Part 7, Section 3)
- Solar Collectors, Individual (ground mount) (see Part 7, Section 2)

(3) Prohibited Uses

- ◆ Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.

3. MINIMUM LOT SIZE

- (1) The minimum required parcel or lot size shall be:
 - (a) existing parcels;
 - (b) 0.8 ha (2 acres) of developable land or greater as reasonably required to support the proposed use if private disposal sewage systems are used.
- (2) Parcels or lots less than 0.8 ha (2 acres) in size may be considered in the following circumstances:
 - (a) the lots are to be connected to municipal services; or
 - (b) the lots are included in a municipal approved area structure plan or design scheme and the lot area is based on an alternative or communal waste water treatment system acceptable to the municipality. In such situations, the minimum lot area should not be less than 0.2 ha (20,000 sq. ft.) unless special circumstances warrant a smaller size; and
 - (c) the Subdivision Authority or Development Authority is satisfied that the minimum setback requirements of this bylaw can be met.
- (3) The minimum required parcel or lot size must take into consideration the on-site parking requirements of the use in accordance with the bylaw and the estimated sewage volume if private sewage disposal systems are proposed, and the Development Authority or Subdivision Authority may stipulate a larger minimum parcel size is required.

4. MINIMUM YARD REQUIREMENTS

Use	Front Yard		Side Yard		Rear Yard	
	m	ft.	m	ft.	m	ft.
All uses	7.6	25	3.0	10	7.6	25

5. MAXIMUM SITE COVERAGE

The principal building and ancillary buildings combined shall cover no more than 50 percent of the total lot area.

6. ACCESSORY BUILDINGS AND STRUCTURES

- (1) An accessory building or structure shall not be located in the required setback from a public road or on an easement.
- (2) An accessory building or structure shall be setback a minimum 3.0 metres (10 ft.) from the principal building and from all other structures on the same lot.

- (3) Where a structure is attached to the principal building on a site by a roof, an open or enclosed structure, a floor or foundation, it is to be considered a part of the principal building and is not an accessory building.
- (4) As a condition of a permit, if a development approval is required, the Development Authority may stipulate specific requirements for the type of foundation, fastening or tie-down system, finish, colour, roof pitch, and materials to be applied to the accessory building or structure.
- (5) The maximum height of an accessory building or structure shall be as determined suitable by the Development Authority.

7. LANDSCAPING, SCREENING AND LOCATION OF STORAGE

- (1) Separation, or buffering, between adjacent land uses may be required, including the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact.
- (2) See Part 4 – General Land Use Provisions, Section 25 for landscaping requirements.
- (3) Outdoor storage is prohibited in the front yard. All loading, service, and storage areas (where permitted), shall be located to the rear and sides of the principal building and shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (4) Refuse or garbage shall be kept in a suitably-sized container or enclosure and shall be located in a rear yard only. Refuse containers shall be screened from view from any public roadway other than a lane, and from adjacent sites by a wall, landscape materials, berms, fences, or a combination of these features, to the satisfaction of the Development Authority.
- (5) The Development Authority may require that any exposed projections outside the building, such as mechanical and electrical equipment and cooling towers, be screened from view from any public roadway and adjacent sites if, in the opinion of the Development Authority such projections are:
 - (a) inconsistent with the character and appearance of surrounding development or intended visual qualities of this district; or
 - (b) are required in accordance with any area structure plan or intermunicipal development plan policies.

8. MIXED-USE DEVELOPMENTS

Development permit applications for mixed-use developments (buildings or parcels of land) may be considered for approval in this district if the uses conform to the list of permitted or discretionary uses. For specific details, the criteria and standards of development stipulated in Part 5 will apply.

9. SITE PLANS

- (1) The Development Authority may require a professionally prepared detailed comprehensive site plan as part of the development permit application to illustrate existing and proposed buildings, structures, roads and access points, setbacks, landscaping, parking, and utility easements.
- (2) The Development Authority shall require professionally prepared site plan as described in Section 9(1) as part of the development permit application, for any proposed mixed-use parcel of land.

10. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

- (1) Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.
- (2) All development must comply with any additional standards that may be contained in an adopted area structure plan or design scheme.

11. OFF-STREET PARKING REQUIREMENTS (See Part 4 – General Land Use Provisions)

12. USE SPECIFIC STANDARDS OF DEVELOPMENT (See Part 5 – Use Specific Provisions)

13. MOVED-IN BUILDINGS (See Part 5 – Use Specific Provisions)

14. SIGN REGULATIONS (See Part 6)

15. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

16. FORMS (See Appendix B)

17. FEES (See Appendix C)

HAMLET DIRECT CONTROL - HDC

1. PURPOSE

The Municipal Development Plan identified hamlets as being a valuable asset to the rural area by providing a focal point for some economic activity. The Direct Control district allows considerable flexibility for the location of a variety of industrial and commercial uses while protecting residential areas of the hamlet by designating certain areas as direct control districts.

2. PERMITTED USES

Commercial Uses considered suitable by Council
 Industrial Uses considered suitable by Council
 Solar Collectors, Individual
 Other Uses considered suitable by Council

3. MINIMUM LOT SIZE

As Council determines necessary, but should consider maintaining lots of:

Use	Width		Length		Area	
	m	ft.	m	ft.	m ²	sq. ft.
Municipal sewer only	22.9	75	30.5	100	929.0	10,000
Municipal water only	30.5	100	30.5	100	1393.5	15,000
municipal water and no municipal sewer	30.5	100	30.5	100	1,858.0	20,000

4. SUBDIVISION CRITERIA (See Part 8)

5. Any and all other Parts of this bylaw shall be considered prior to implementation of the subject bylaw and may include the following (as required by Council):

- (1) **STANDARDS OF DEVELOPMENT** (See Part 4 – General Land Use Provisions)
- (2) **LANDSCAPING AND SCREENING** (See Part 4 – General Land Use Provisions)
- (3) **OFF-STREET PARKING REQUIREMENTS** (See Part 4 – General Land Use Provisions)
- (4) **WAREHOUSING AND STORAGE PERFORMANCE STANDARDS** (See Part 5 – Use Specific Provisions)
- (5) **MOVED-IN BUILDINGS** (See Part 5 – Use Specific Provisions)
- (6) **SIGN REGULATIONS** (See Part 6)

(7) **ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS** (See Part 7)

HAMLET TRANSITIONAL / AGRICULTURAL – HT/A

1. PURPOSE

To maintain larger parcels of land within hamlets in extensive agricultural use until the land is required for an appropriate urban use. Subdivision and development may be limited in this district to prevent fragmentation.

2. PERMITTED, DISCRETIONARY AND PROHIBITED USES

(1) Permitted Uses

Accessory Buildings, Structures and Uses to an Approved Permitted Use

Agricultural Buildings and Structures (see Part 2 - No permit required)

Bed and Breakfasts (see Part 5, Section 9)

Day Homes (see Part 2 - No permit required and Part 5, Section 17)

Dwellings:

Single-detached Site-built

Single-detached Moved-In Residence

Single-detached Manufactured Homes 1 (see Part 5, Section 24)

Single-detached Manufactured Home 2 (see Part 5, Section 24)

Single-detached Ready-to-move (see Part 5, Section 24)

Extensive Agriculture (see Part 2 - No permit required)

Home Occupations 1 (see Part 5, Section 22)

Secondary Suites (contained within a single-detached dwelling) (see Part 5, Section 34)

Secondary Suites (detached garage) (see Part 5)

Shipping Containers, Temporary (see Part 2 - No Permit Required and Part 5, Section 36)

Signs Type 1 (in accordance with Part 6)

Solar Collectors, Individual (roof, wall mount) (see Part 2 - No Permit Required and Part 7, Section 2)

(2) Discretionary Uses

Accessory Buildings, Structures and Uses to an Approved Discretionary Use

Home Occupations 2 and 3 (see Part 5, Section 22)

Public Utility Structures

Small Wind Energy Conversion Systems (see Part 7, Section 3)

Solar Collectors, Individual (ground mount) (see Part 7, Section 2)

(3) Prohibited Uses

Confined Feeding Operations

Stripping and Sale of Topsoil

- ◆ *Any use which is not listed as either a Permitted or Discretionary Use, or is not ruled to be similar to a Permitted or Discretionary Use in accordance with Part 1, Section 34, is a Prohibited Use.*

3. MINIMUM LOT SIZE

- (1) Existing parcels of land; or
- (2) A minimum of 4.0 ha (10 acres) in area.

4. MINIMUM YARD REQUIREMENTS

As required by the Development Authority.

5. DEVELOPMENT REQUIREMENTS

- (1) The Development Authority may require special standards such as, but not limited to, access, siting, and servicing in order to ensure the compatibility of any proposed development with potential or existing adjacent development.
- (b) No large-scale subdivision or development within this district shall be approved prior to a reclassification of land to a more appropriate district.

6. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
 - (a) 38.1 metres (125 ft.) of the centre line of any public roadway which is not designated as a provincial highway under the *Highways Development Protection Regulation*, unless authorized by the Development Authority;
 - (b) 70.0 metres (230 ft.) of the centre line or 40.0 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - (c) for any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation;
 - (d) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) Where any parcel or part of a parcel has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be required by Alberta Transportation under the *Highways Development Protection Regulation*.

(3) Landscaping and dugout setbacks shall be at the discretion of the Development Authority having consideration for future road widening and possible adverse effects on the safety of the roadway.

7. STANDARDS OF DEVELOPMENT (See Part 4 – General Land Use Provisions)

Part 4 contains land use and development standards that may be required and stipulated as a condition of a subdivision or development approval.

8. ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS (See Part 7)

9. SUBDIVISION CRITERIA (See Part 8)

DIRECT CONTROL - DC

1. PURPOSE

To provide a means whereby Council may regulate and control the use and development of land or buildings within a specific area of the municipality where the circumstances relating to the development of a site are such that regulation and control by use of the other land use districts in this bylaw is inadequate considering long-range planning goals and the greater public interest.

2. USES

Council may by bylaw, specify permitted and/or discretionary uses and/or any prohibited uses.

3. APPROVAL PROCEDURE

- (1) Before Council considers an application for a use or development in the Direct Control district, it shall:
 - (a) cause a Notice to be issued by the Development Authority in accordance with Part 1 – Administrative, Section 36 of this bylaw;
 - (b) ensure that the notice contains the date and time that Council will hear the application for waivers of development standards.
 - (c) hear any person that claims to be affected by the decision on the application.
- (2) Council may then approve the application with or without conditions or refuse the application.
- (3) Subsequent to a decision, notification shall be displayed/posted in the County Office and mailed to the applicant.
- (4) In addition to Section 3(3), where the Development Authority has been delegated the authority to decide upon applications for permitted uses and has done so, then immediately upon issuance of the development permit the Development Authority shall cause a notice to be published in a newspaper circulating in the area stating the location of the property for which the application has been made and the use approved.

4. DELEGATION OF AUTHORITY

- (1) The Development Authority, in accordance with Section 10 of the Land Use Bylaw and pursuant to section 641(3) of the *Municipal Government Act*, is Council.
- (2) Council may delegate the authority to decide upon an application for permitted, discretionary, or uses involving waivers to the Development Authority as described in the adopting Direct Control bylaw.

5. APPEAL PROCEDURE

- (a) Pursuant to Part 1 – Administrative, Section 36 and Section 641(4)(a) of the *Municipal Government Act*, if a decision with respect to a development permit application is made by Council, there is **no** appeal to the Subdivision and Development Appeal Board.
- (b) If a decision with respect to a development permit application is made by the Development Authority, then the appeal to the Subdivision and Development Appeal Board shall be limited to whether the Development Authority followed the instructions properly as delegated by Council.

6. MINIMUM LOT SIZE, SETBACKS, LOT COVERAGE AND BUILDING HEIGHT

As required by Council.

7. ACCESSORY BUILDINGS AND STRUCTURES SETBACKS AND STANDARDS

As required by Council.

8. Any and all other Parts shall be considered prior to implementation of the subject bylaw and may include the following (as required by Council):

- (1) **STANDARDS OF DEVELOPMENT** (See Part 4 – General Land Use Provisions)
- (2) **LANDSCAPING AND SCREENING** (See Part 4 – General Land Use Provisions)
- (3) **OFF-STREET PARKING REQUIREMENTS** (See Part 4 – General Land Use Provisions)
- (4) **WAREHOUSING AND STORAGE PERFORMANCE STANDARDS** (See Part 5 – Use Specific Provisions)
- (5) **MOVED-IN BUILDINGS** (See Part 5 – Use Specific Provisions)
- (6) **SIGN REGULATIONS** (See Part 6)
- (7) **ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS** (See Part 7)
- (8) **SUBDIVISION CRITERIA** (See Part 8)

DIRECT CONTROL DISTRICTS AND ADOPTING BYLAWS

- (1) Any parcel designated as Direct Control or Hamlet Direct Control as illustrated on the Maps in **Part 10, Land Use Districts Maps**, is designated for that purpose.
- (2) Where a parcel has been designated to Direct Control prior to this Land Use Bylaw coming into effect and is included in the list below, the standards or regulations approved by Council at that time of such designation to the Direct Control land use district shall continue to apply.
 - (a) Direct Control items No. 1 - 4 were adopted as amendments to Land Use Bylaw No. 1211, and items No. 5 - 15 were adopted as amendments to Land Use Bylaw No. 1404, and for continuity are adopted as part of this bylaw and remain in full force unless otherwise amended or repealed. The amending bylaws follow this section.

No.	BYLAW NO.	LEGAL DESCRIPTION	DATE OF ADOPTION
1.	1246	Lot 18, Block 15, Plan 8210515 in the Hamlet of Monarch	September 18, 2003
2.	1372	The most southerly 20 acres of a portion of the SW¼ 10-9-21-W4	October 6, 2011
3.	1389	SW¼ 4-10-21-W4, SE¼ 4-10-21-W4, NE¼ 4-10-21-W4	November 2, 2012
4.	1397	The northwesterly 10 acres of a portion of the NE¼ 33-7-20-W4	August 1, 2013

No.	BYLAW NO.	LEGAL DESCRIPTION	DATE OF ADOPTION
5.	1456	Portion of Lot 2, Block 2, Plan 0210532	August 18, 2016
6.	1502	Lots 2 and 3, Block 1, Plan 1012612	June 15, 2017
7.	17-003	Lot 7, Block 1, Plan 8811143	September 21, 2017
8.	17-007	Portion of Lot 2, Block 1, Plan 9211866 in SE 17-9-20-W4	November 20, 2017

No.	BYLAW NO.	LEGAL DESCRIPTION	DATE OF ADOPTION
9.	18-018	Lots 2 and 3, Block 1, Plan 1012612	September 6, 2018
10.	19-004	North half of SE 2-9-21-W4	April 4, 2019
11.	18-029	Portion of Lot 1, Block 1, Plan 1611965 in NW 19-10-22-W4	September 5, 2019
12.	19-031	S½ of NW 7-10-19-W4	September 19, 2019
13.	19-032	Portion of the N½ of SE 12-10-20-W4	September 19, 2019
14.	20-014	Lot 2, Block 4, Plan 9610161 in the NW 34-10-21-W4	August 6, 2020
15.	21-018	Lot 1, Block 1, Plan 171 1672 within the SE 15-10-22 W4M	December 6, 2021

(3) The following is a reference list of redesignation bylaws adopted by County Council which designated the specified parcels of land to a Direct Control – DC land use district. This list will be updated on an ongoing basis and displays the amending bylaws to the most recent date of the Land Use Bylaw being consolidated (updated). The amending bylaws follow this section.

No.	BYLAW NO.	LEGAL DESCRIPTION	DATE OF ADOPTION

COUNTY OF LETHBRIDGE
IN THE PROVINCE OF ALBERTA

BYLAW NO. 1246

Bylaw No. 1246 of the County of Lethbridge being a By-Law for the purpose of amending Land Use By-Law No. 1211 and amendments thereto, in accordance with Division 12, Section 692 of the Municipal Government Act, R.S.A. 2000, Chapter M-26.

WHEREAS Lot 18, Block 15, Plan 8210515 is located in the Hamlet of Monarch and is presently classified as Hamlet Residential pursuant to Land Use By-Law #1211;

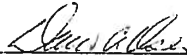
AND WHEREAS the present owner wishes to operate a small convenience store from a portion of the building located on said parcel;

AND WHEREAS the property is located adjacent to the highway in an area of the Hamlet where a convenience store would be desirable;

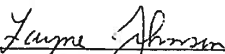
AND WHEREAS the "Direct-Control (D-C)" District would allow a combined use of residential with commercial;

NOW THEREFORE be it resolved that the Council of the County of Lethbridge hereby amend Land Use By-Law #1211 by including the said property in the "Direct Control (D-C)" District.

GIVEN first reading this 21st day of August, 2003.



Reeve

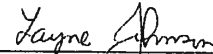


County Manager

GIVEN second reading this 18th day of September, 2003.

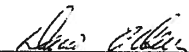


Reeve




County Manager

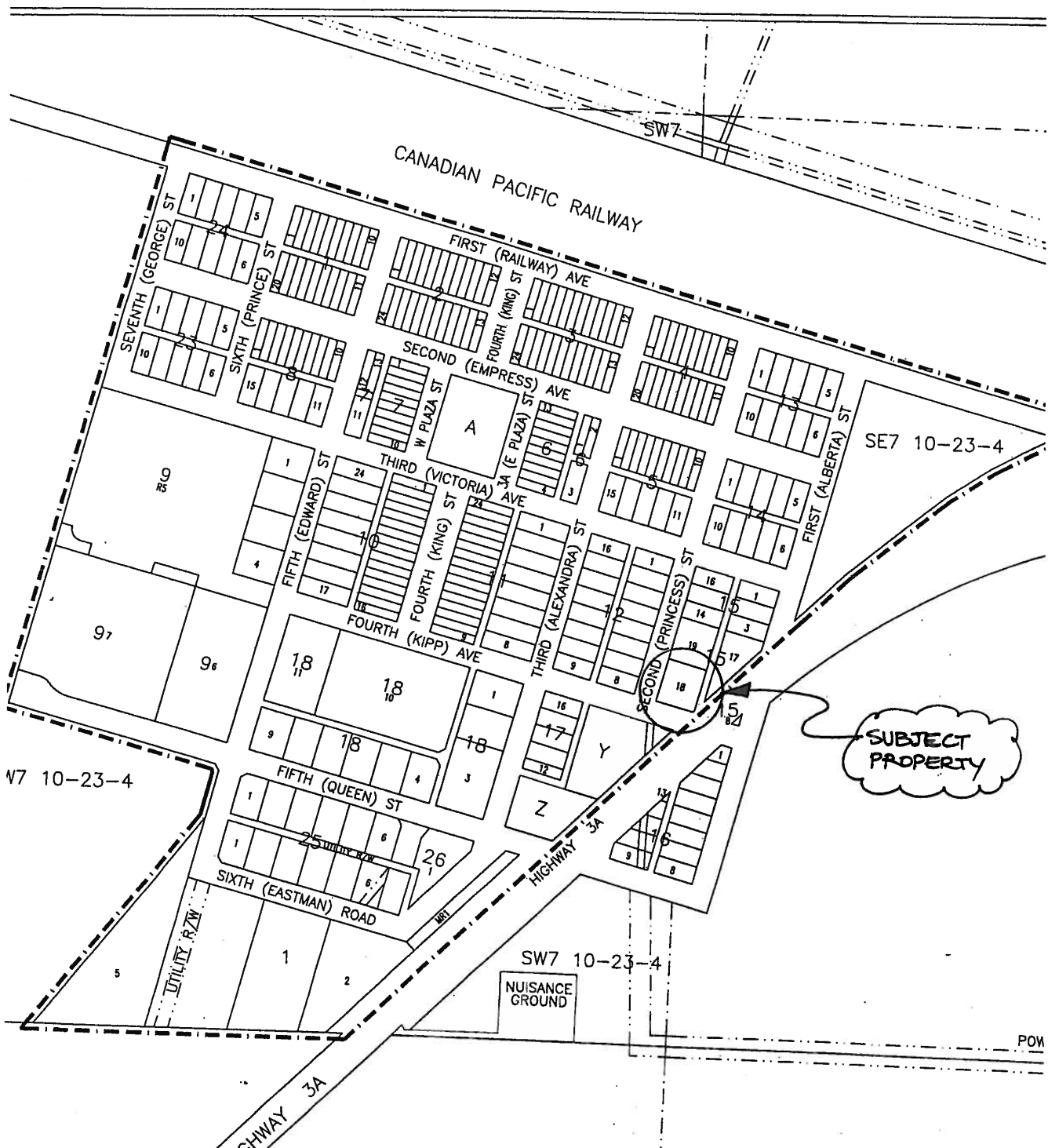
GIVEN third reading this 18th day of September, 2003.



Reeve



County Manager



WILET OF MONARCH
 PROJECTION UTM-12 DATE: MARCH 24, 1998 FILE: \LTH\110R23W4

THIS PLAN IS THE PROPERTY OF THE SURVEYOR AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE SURVEYOR.

THIS PLAN IS THE PROPERTY OF THE SURVEYOR AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE SURVEYOR.



**COUNTY OF LETHBRIDGE
IN THE PROVINCE OF ALBERTA**

BY-LAW NO. 1372

By-law No.1372 being a by-law of the County of Lethbridge in the Province of Alberta, for the purpose of amending Land Use By-law No. 1211, being the municipal Land Use By-law.

WHEREAS a portion of the SW¼ 10-9-21-W4 is located in the County of Lethbridge and contains approximately 20 acres and Council, by way of this by-law, agrees to redesignate the lands identified on the map in Schedule 'A' attached hereto and described as:

The most southerly 20 acres of a portion of the SW¼ 10-9-21-W4 from Lethbridge Urban Fringe (LUF) to the Direct Control (DC) district.

AND WHEREAS THE PURPOSE of proposed By-law No.1372 is to establish the uses and regulations for the Direct Control District pertaining to the aforementioned land and are as described in Schedule 'B' attached hereto;


AND WHEREAS policies in the Municipal Development Plan By-law No. 1331 refer to the Direct Control designation being used by Council to regulate land use for this area;


AND WHEREAS the municipality must prepare an amending by-law and provide for its consideration at a public hearing.

NOW THEREFORE, under the authority and subject to the provisions of the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26, as amended, the Council of the County of Lethbridge in the Province of Alberta duly assembled does hereby enact the following:

1. The uses and regulations for the Direct Control District shall be as described in Schedule 'B' attached hereto and be applied to the lands described above and identified on the map in Schedule 'A';
2. By-law No. 1211 is hereby amended.
3. This by-law shall come into effect upon third and final reading hereof.


GIVEN first reading this 19th day of May, 2011.




Reeve


County Manager


GIVEN second reading this 6th day of October, 2011.




Reeve


County Manager

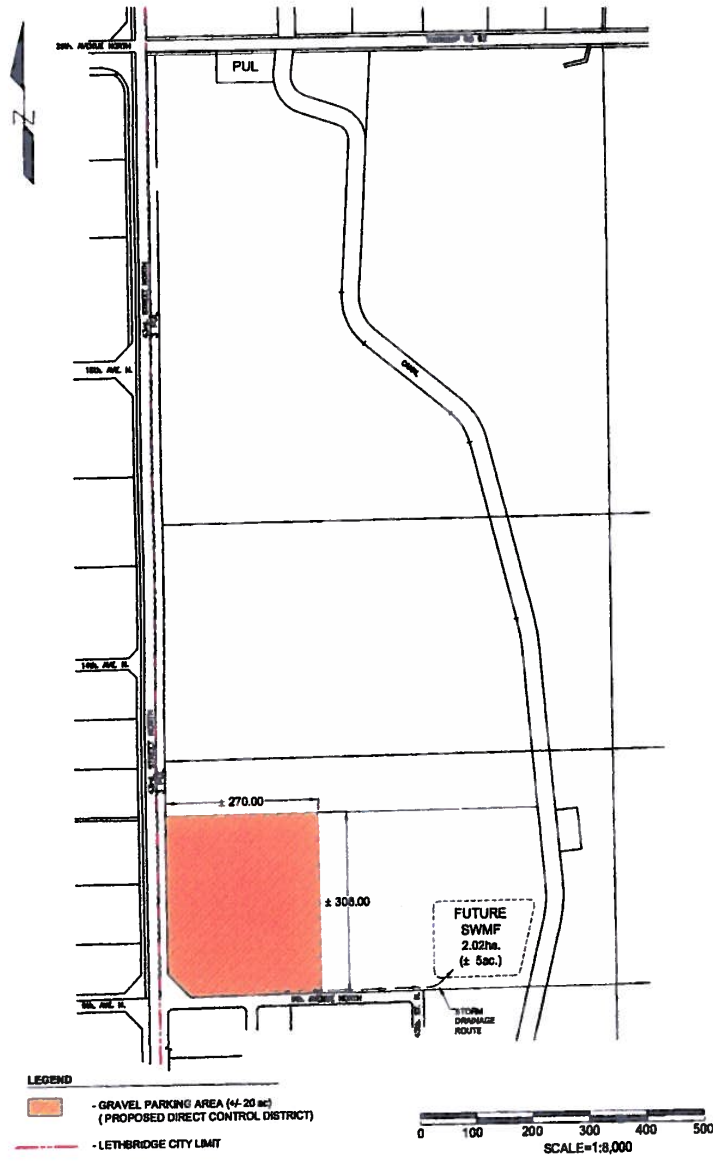
GIVEN third reading this 6th day of October, 2011.



Reeve


County Manager

SCHEDULE 'A'



BY-LAW # 1372

Schedule 'B'
DIRECT CONTROL BY-LAW NO. 1372

1. PURPOSE

To provide a means whereby Council may regulate and control the use, development or subdivision of the following lands:

That portion of the SW1/4 10-9-21-W4 consisting of the most southerly 20 acres (lying immediately north of 9 Avenue North, between 43 Street North and the SMRID RIW)

2. PERMITTED USES	DISCRETIONARY USES
Graveled truck and trailer parking area	None
Stormwater retention pond	

3. PROHIBITED USES
Buildings or Structures

4. DEFINITIONS

Parking Facility -- means a development the principal use of which is for the parking of trucks and trailers and equipment in an outdoor setting.

Stormwater Retention Pond -- means an area designed to retain stormwater by either constructing an embankment or excavating a pit, and may which may include provisions for the management of water quality.

5. MINIMUM LOT SIZE

As determined by the Development Authority.

6. MINIMUM YARD DIMENSIONS

Minimum yard setbacks for all uses shall be 20 feet (6.1 m).

7. MAXIMUM SITE COVERAGE

The maximum area of development approved for a graveled truck and trailer display lot and storm water management facilities shall be restricted to the actual physical area required, and as approved by Council.

8. SUBDIVISION

Notwithstanding the provisions of this bylaw, subdivision will initially be limited to the creation of one 50 acre lot from the southerly portion of SW1/4 10-9-21W4.

No additional subdivision of lands contained within this bylaw shall be approved prior to the adoption of a Conceptual Scheme or Area Structure Plan that includes Area A and Area B, as shown in Schedule 'A' of this Bylaw.

9. GENERAL STANDARDS OF DEVELOPMENT

At the discretion of Council or the Development Authority having regard to Schedule 6.

10. OTHER STANDARDS

- (a) Driveway access and intersection treatments shall be in accordance with the County of Lethbridge Engineering Guidelines and Minimum Servicing Standards or as otherwise stipulated by Council.
- (b) Accesses, approaches and intersections shall not be offset, but located directly across the intersecting roadway from each other.

- (c) For parcels located adjacent to a provincial highway or roadway located within another municipal jurisdiction, the minimum setbacks imposed shall be as required by Alberta Transportation or in consultation with the adjacent municipality.
- (d) All finished lot grading shall be constructed and maintained to the satisfaction of the County of Lethbridge and shall be in accordance with the Engineering Guidelines and Minimum Servicing Standards.
- (e) A landscaped planting strip to a depth of 20 feet (6.1 m) shall be provided, completed, and maintained along the westerly and southerly limits of the site.
- (e) All stormwater shall be retained on-site to predevelopment levels. At the subdivision or development stage an engineered storm water management plan certified by a professional engineer shall be submitted.
- (f) Any required water and sewer services that may be considered for future development, shall be approved by Council through the adoption of an area structure plan and shall meet the minimum engineering standards as determined necessary by the County.
- (g) Any additional standards as required by Council or the Development Authority.

11. OTHER REQUIREMENTS

In addition to the information required in support of a development permit application, an application for a Parking Facility and Storm Detention Pond shall be accompanied by a:

- **site plan** – that shows the proper property dimensions, existing grades and proposed grades of the site, identifies required setbacks, and any required corner cuts to be provided at 9th Avenue North and 43rd Street North;
- **stormwater plan** – that defines the required pond size and storage capacities, addresses discharge rates and locations, and ensures that pre-development flow rates can be maintained in accordance with Alberta Environment standards,
- **traffic impact assessment** – that defines the volume of vehicles and turning movements going to and from the site and identifies what impacts that said vehicle movements may have on 43rd Street North.
- **landscaping plan** – that shows landscaping for a 6m wide area along 43rd Street North.
- **development agreement** – the Development Authority may, as a condition of development require the applicant to enter into a Development Agreement with the County of Lethbridge, in accordance with Section 37 and 38.

12. DELEGATION OF AUTHORITY

The Development Authority, in accordance with section 9 of the land use by-law and pursuant to Section 641(3) of the Municipal Government Act, is Council.

13. APPROVAL PROCEDURE

- (a) Applications for development permits shall be forwarded to the City of Lethbridge for comments in accordance with the Intermunicipal Development Plan.
- (b) Where the Development Authority has been delegated the authority to decide upon applications for permitted uses and has done so, then immediately upon issuance of the development permit the Development Authority shall cause a notice to be published in a newspaper circulating in the area stating the location of the property for which the application has been made and the use approved.

- (c) Before consideration of an application for development requiring waivers on the subject property, Council shall:
 - (i) cause a notice to be issued by the designated officer to any person likely to be affected;
 - (ii) ensure that the notice contains the date and time that Council will hear the application for discretionary uses or application for waivers of development standards.
 - (iii) hear any persons that claim to be affected by the decision on the application.
- (d) Council or the Development Authority may then approve the application with or without conditions or refuse the application with reasons.
- (e) When applicable, Council should seek comments from other agencies such as the planning advisor, regional health authority or any applicable provincial government department.

14. APPEAL PROCEDURE

Pursuant to Section 641(4)(a) of the Act, if a decision with respect to a development permit application is made by Council, there is no appeal to the Subdivision and Development Appeal Board.

**COUNTY OF LETHBRIDGE
IN THE PROVINCE OF ALBERTA**

BY-LAW NO. 1389

Bylaw No. 1389 being a bylaw of the County of Lethbridge in the Province of Alberta, for the purpose of amending Land Use Bylaw 1211, being the municipal Land Use Bylaw.

WHEREAS THE PURPOSE of proposed Bylaw 1389 is to establish the uses and regulations for a Direct Control district;

AND WHEREAS the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26 as amended allows a municipality to designate an area as a direct control district pursuant to Section 641;

AND WHEREAS the municipality must prepare an amending bylaw and provide for its consideration at a public hearing;

NOW THEREFORE under the authority and subject to the provisions of the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26 as amended, the County of Lethbridge in the Province of Alberta duly assembled does hereby enact the following:

1. Bylaw No. 1211 - The Land Use Bylaw of the County of Lethbridge is hereby amended.
2. Bylaw No. 1211 is hereby amended by changing the land use classification of:
SW ¼ 4-10-21-W4, SE ¼ 4-10-21-W4 and NE ¼ 4-10-21-W4

From: Rural Agriculture R-A
To: Direct Control D-C

(All of which is shown on the attached Schedule "A")

3. This Bylaw shall also establish uses and rules for the Direct Control District in accordance with Section 641(1) of the Municipal Government Act, and, unless otherwise provided by this Bylaw or by a statutory plan affecting the lands described above:
 - a) All uses, terms, requirements and processes are as described in Part 1- 47 of Land Use Bylaw 1211,
 - b) Offices, storage and maintenance facilities which serve the needs of a principle use are included within the principle use.
4. Permitted Uses
 - Waste and Recycling Centre
 - Ancillary Buildings or Uses
 - Sign
 - Stormwater Retention Pond
5. Discretionary Uses
 - Extensive Agriculture
6. Definitions

Waste and Recycling Centre means an integrated waste management and processing facility that provides disposal, recycling, composting and landfill services.

Stormwater Retention Pond means an area designed to retain stormwater by either constructing an embankment or excavating a pit and which may include provisions for the management of water quality.

7. Minimum Setbacks:

- Shall be in accordance with Drawing SK-00-F02 in Schedule "B"

8. Development Standards

The site development shall substantially comply, with Drawing SK-00-F02 in Schedule "B" to the satisfaction of the Development Authority.

9. Signage

Site signage shall meet provincial requirements, be of neutral tones and an appropriate size to allow for ease of navigation. Interior directional signage shall not require a development permit.

10. Screening and Fencing


In addition to the landscaping requirements described in Schedule 6 of Land Use Bylaw 1211, the site development shall include perimeter landscaping to create a visual enhancement of the development and perimeter fencing to contain off site impacts. Additional landscaping for the entranceway shall be in keeping with the existing vegetation and landscaping overall shall substantially comply, with Drawing SK-00-F02 in Schedule "B" to the satisfaction of the Development Authority.


11. Development Approval Authority

For the purposes of this bylaw the approval authority is County Council.

12. This Bylaw shall come into effect on the date of final passage thereof.

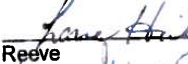
GIVEN first reading this 4th day of October, 2012.

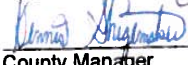


Reeve


County Manager


GIVEN second reading this 2nd day of November, 2012




Reeve


County Manager

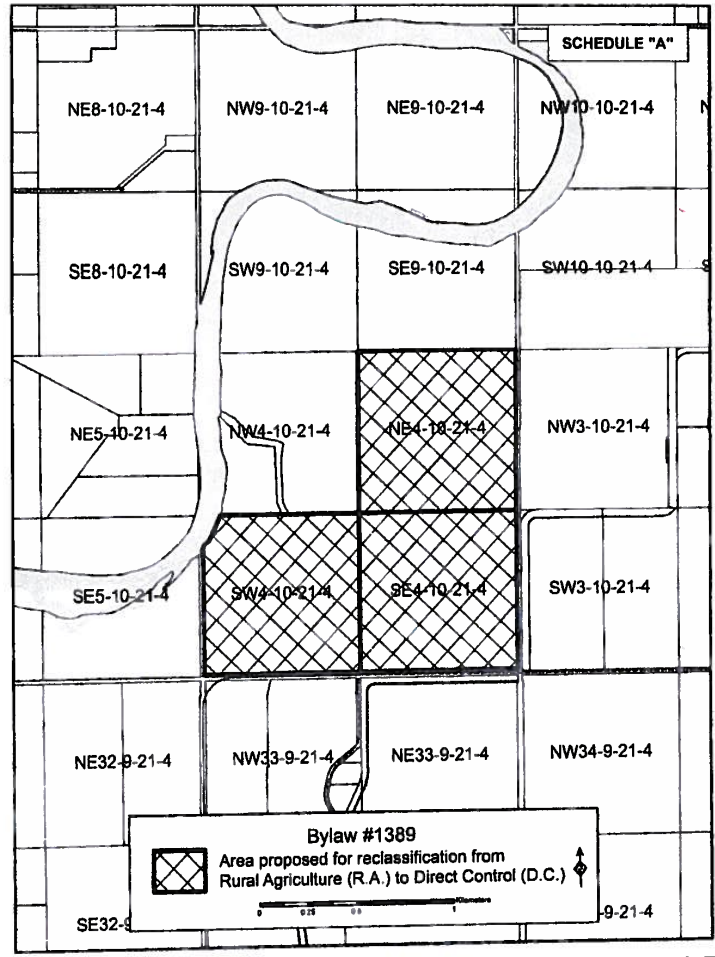
GIVEN third reading this 2nd day of November, 2012



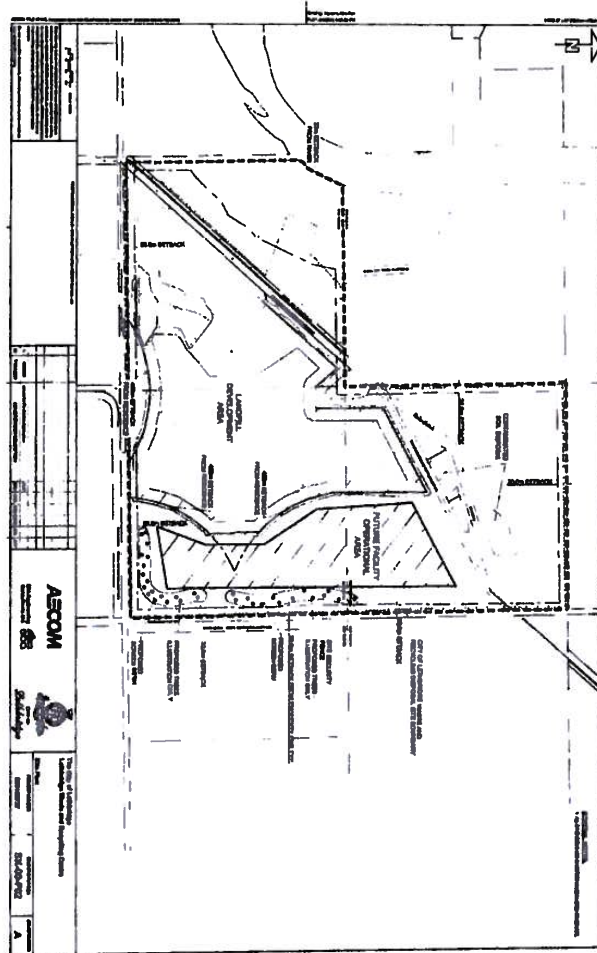
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County Manager

Schedule "A"



Schedule "B"



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**COUNTY OF LETHBRIDGE
IN THE PROVINCE OF ALBERTA**

BY-LAW NO. 1397

By-Law No. 1397 of the County of Lethbridge being a By-Law for the purpose of amending Land Use By-Law No. 1211 and amendments thereto, in accordance with Sections 230, 606 and 692 of the Municipal Government Act, R.S.A. 2000, Chapter M-26.

WHERE AS a portion of the NE¼ 33-7-20-W4 is located in the County of Lethbridge and contains approximately 10 acres and Council, by way of this Bylaw, agrees to redesignate the land identified on the map in Schedule "A" attached hereto and described as:

The northwesterly 10 acres of a portion of the NE ¼ 33-7-20-W4 from Rural Agriculture (RA) to Direct Control (DC) district;

AND WHEREAS THE PURPOSE of proposed Bylaw 1397 is to establish the uses and regulations for a Direct Control district pertaining to the aforementioned land and are as described in Schedule "B" attached hereto;


AND WHEREAS policies in the Municipal Development Plan Bylaw No 1331 refer to the Direct Control Designation being used by Council to regulate land use;

AND WHEREAS the municipality must prepare an amending bylaw and provide for its consideration at a public hearing.

NOW THEREFORE under the authority and subject to the provisions of the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26 as amended, the County of Lethbridge in the Province of Albert duly assembled does hereby enact the following:

1. The uses and regulations for the Direct Control District shall be as described in Schedule "B" attached hereto and be applied to the lands described above and identified on the map in Schedule "A".
2. Bylaw No 1211 – The Land Use Bylaw of the County of Lethbridge is hereby amended.
3. The Bylaw shall come into effect upon third and final reading hereof.

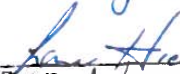
GIVEN first reading this 6th day of June, 2013.

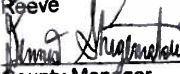


Reeve


County Manager

GIVEN second reading this 15th day of August, 2013.



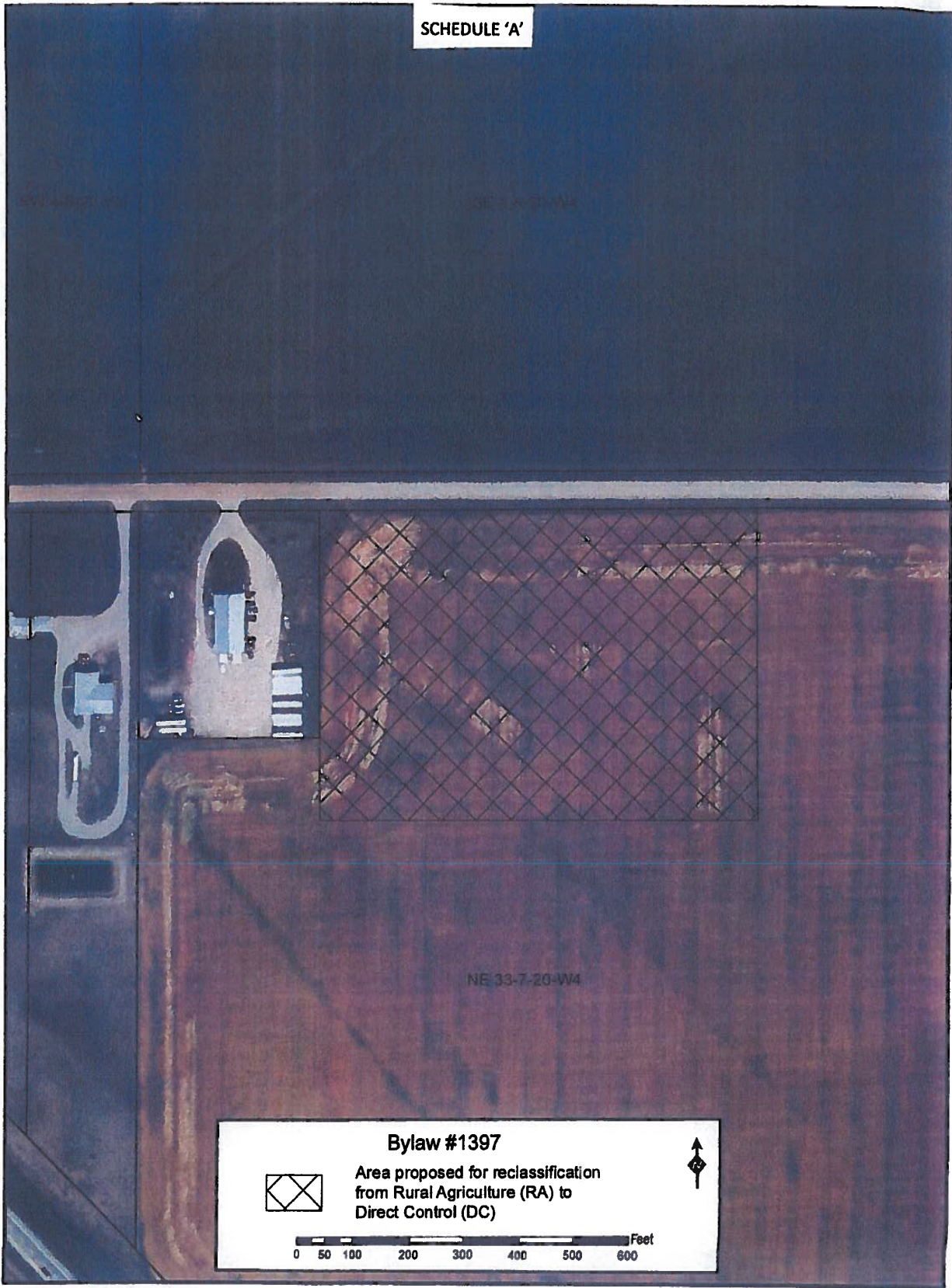
Reeve


County Manager

GIVEN third reading this 15th day of August, 2013.


[Signature]
Reeve
[Signature]
County Manager


SCHEDULE 'A'

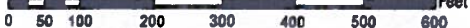


NE 33-7-20-W4

Bylaw #1397

 Area proposed for reclassification from Rural Agriculture (RA) to Direct Control (DC)

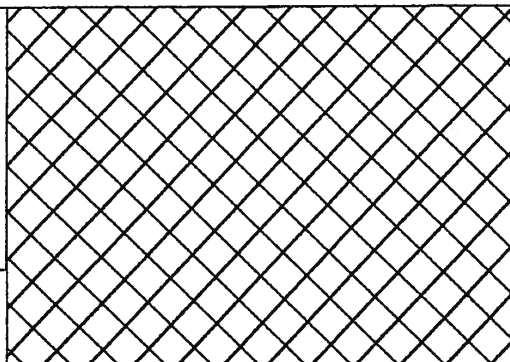


 Feet
0 50 100 200 300 400 500 600

SCHEDULE 'A'

SW 4-8-20-W4

SE 4-8-20-W4



NE 33-7-20-W4

Bylaw # 1397



Area proposed for reclassification
from Rural Agriculture (RA) to
Direct Control (DC)



Schedule 'B' for Bylaw 1397

DIRECT CONTROL

1. PURPOSE

To provide a means whereby Council may regulate and control the use, development, or subdivision on a site specific basis the following lands:

Portion of the NE ¼ 33-7-20-W4 consisting of the 10 acres in the north east part of the quarter section directly east of Lot 1, Plan 9111396.

For the specific purposes of allowing a Transportation and Warehouse Facility while limiting other types of commercial or industrial land uses on the parcel.

2. PERMITTED USES

Accessory Buildings/Structures

Outdoor Storage in side and rear of property that is screened

Signs

DISCRETIONARY USES

Truck Transportation Dispatch/Depots

Warehousing and Storage

Outdoor Truck Trailer Parking

Office Administration Building

3. DEFINITIONS

Accessory buildings / structures means a building or structure that is incidental or subordinate to and customarily found in connection with a primary structure or use, located on the same lot as the principal building or use, but does not include a building or structure used for human habitation.

Outdoor Storage means the open storage of goods, merchandise, materials or equipment outside a building.

Outdoor Truck Trailer Parking means an outside area designated or reserved on a parcel or lot for the explicit purpose of parking and storing commercial vehicles associated with an approved commercial or industrial type land use on the same or associated parcel of land.

Office Administration Building means a building or office space on-site for the coordination of all business activities on the premises and acts to serve the professional, managerial or administrative needs of the primary or principle business on the parcel.

Sign(s) means any device (including but not limited to letters, words, numerals, figures, emblems, pictures, or any part or combination) used for visual communication intended to attract the attention of the public and visible to the public right-of-way or other properties.

Truck Transportation Dispatch/Depots means a facility for the purpose of storing and dispatching trucks and tractor-trailers for transporting goods.

Warehousing and Storage means the use of a building or portion thereof for the storage and distribution of materials, products, goods and merchandise but does not include a retail component.

All other words or terms have the same meaning as what is specified in the Land Use Bylaw.

4. MINIMUM LOT SIZE

The minimum lot size shall be 10 acres.

5. MINIMUM YARD SETBACK REQUIREMENTS

Side Yard 9.1 metres (30 feet)

Rear Yard 15.24 metres (50 feet)

Outdoor parking areas and fencing may be permitted to project into the required side and rear yard setbacks, with fencing allowed at the property line.

6. MINIMUM SETBACK FROM ROADWAY

No part of a building, structure or development shall be located within 38.1 metres (125 feet) of the centre line of the public roadway.

7. MAXIMUM SITE COVERAGE

The maximum site coverage for all principal and accessory buildings combined is 45 percent.

8. ACCESSORY BUILDINGS AND STRUCTURES

- a. An accessory buildings or structures shall not be located in the required setback from a public road or an easement.
- b. An accessory building or structure shall be setback a minimum 3.0 metres (10 feet) from the principle building and from all other structures on the same lot.
- c. An accessory building or structure shall only be constructed after or in conjunction with an approved principle use or building on the parcel.

9. GENERAL STANDARDS OF DEVELOPMENT

At the discretion of Council or the Development Officer acting as the Development Authority having regard for Section 6 of the Land Use Bylaw.

10. SIGN REGULATIONS

- a. As per Schedule 10 of the Land Use Bylaw.

11. OTHER STANDARDS

- a. All storm water shall be retained on-site to predevelopment levels. At the subdivision or development permit stage a storm water management plan certified by a professional engineer shall be submitted.
- b. All finished lot grading shall be constructed and maintained to the satisfaction of the County of Lethbridge and shall be in accordance with the Engineering Guidelines and Minimum Servicing Standards.
- c. Approaches and driveway access shall be in accordance with the County of Lethbridge Engineering Guidelines and Minimum Servicing Standards or as otherwise stipulated by Council.
- d. Any additional standards as required by Council or the Development Officer.

12. OTHER REQUIREMENTS

- a. **Site, Layout, and Grading Plan** – that shows the property dimensions, building locations, truck trailer parking area, outdoor storage areas, employee parking areas, and utility easements and servicing areas, including the septic field location and any dugouts or storm ponds.
- b. **Landscaping Plan** – that shows front yard landscaping and fencing (height and type) on the property.
- c. Refuse or garbage shall be kept in a suitably sized container or enclosure, effectively screened, and the refuse containers shall be located in a rear yard only.
- d. **Servicing** – the developer shall be responsible for ensuring all required servicing is provided to the development, including potable water and private septic. If an on-site private septic treatment system is used to handle sewage disposal, then the system and field must be installed by a certified installer licensed with the provincial department of Municipal Affairs.
 - i. Parking and storage areas are prohibited from being located over any of the septic system including the disposal field area.
- e. **Development Agreement** – as a condition of a subdivision or development permit approval the applicant may be required to enter into a Development Agreement with the County of Lethbridge, in accordance with Sections 37 and 38 of the land use bylaw.

13. SUBDIVISION

- a. Notwithstanding the provisions of this bylaw, a subdivision may be considered provided it is limited to the creation of one 10 acre lot, which conforms to the area of land designated to the Direct Control district, from a portion of the NE ¼ 33-7-20-W4 located in the north east part of the quarter section directly east of Lot 1, Plan 9111396.
- b. No additional subdivision of lands contained within this bylaw shall be permitted.
- c. Council, acting in the capacity of the Subdivision Authority, shall make decisions on subdivision applications.

14. DELEGATION OF AUTHORITY

- a. Council shall be the Development Authority to decide on development permit applications for discretionary uses or application for waivers of development standards. Council may also decide on development permit applications for permitted uses.
- b. The Development Officer, in accordance with section 9 of the Land Use Bylaw and pursuant to Section 641 (3) of the Municipal Government Act may, with the direction of Council, act as the Development Authority and receive and decide upon development permit applications for permitted uses provided they conform to the standards of this bylaw.

15. APPROVAL PROCEDURE

- a. Where the Development Officer as the Development Authority has been delegated the authority to decide upon development permit applications for permitted uses and has done so, then immediately upon issuance of the development permit the Development Officer shall cause a notice to be published in a newspaper circulating in the area stating the location of the property for which the application has been made and the use approved.
- b. Before consideration of a permit application for development requiring waivers on the subject property, Council shall:
 - i. Cause a notice to be issued by the designated officer to any person likely to be affected.
 - ii. Ensure that the notice contains the date and time that Council will hear the application for discretionary uses or application for waivers of development standards.
 - iii. Here any persons that claims to be affected by the decision on the application.
- c. Council may then approve the development application with or without conditions or refuse the application with reasons.
- d. Where Council has made a decision on a development permit application, the Development Officer acting on behalf of Council, shall cause a notice of the decision to be issued to the applicant and post a copy of the decision in the lobby of the County office.
- e. When applicable, Council should seek comments from other agencies such as the planning advisor, regional health authority, Alberta Transportation or any applicable provincial government department.

16. APPEAL PROCEDURE

- a. Pursuant to Section 641(4)(a) of the Act, if a decision with respect to a development permit application is made by Council, there is no appeal to the Subdivision and Development Appeal Board.

- b. If the Development Officer has been delegated the authority to decide upon development permit applications as the Development Authority, then the appeal to the Subdivision and Development Appeal Board is limited to whether the Development Officer followed the directions of Council.



PART 4

GENERAL LAND USE PROVISIONS

PART 4

GENERAL LAND USE PROVISIONS

A. STANDARDS OF DEVELOPMENT

1. QUALITY OF DEVELOPMENT

The Development Authority may impose conditions on development applications which serve to improve the quality of any proposed development within any land use district. Such special conditions may include, but are not limited to: landscaping, paved parking areas, exterior building finishes, setback variations, building mass, the control of noise, smoke, smell, and industrial wastes.

2. BUILDING DESIGN, CHARACTER AND APPEARANCE

The Development Authority will impose conditions, where deemed applicable, to ensure:

- (a) that the design, character and appearance of a building is compatible with other buildings in the vicinity unless it is setting a higher standard of design, character and appearance for the land use district or a particular locality of it;
- (b) that the design, character and appearance of the building is consistent with the purpose of the land use district in which the building is located;
- (c) that a development complies with any provision of a statutory plan applicable to the design, character and appearance of the building in the district; and
- (d) that, where the development is to be located adjacent to or within the distance prescribed by the *Public Highways Act*, the design of a building will be to a higher standard than that required elsewhere in the County. This may include, but is not limited to:
 - (i) appearance of building,
 - (ii) landscaping,
 - (iii) access/egress from property, and
 - (iv) fire protection.

3. EXTERIOR BUILDING FINISHES

The Development Authority may require specific finishing materials and/or colours to be used to ensure the compatibility of a proposed:

- (a) development with surrounding or adjacent developments,
- (b) building addition or accessory structure with existing buildings or structures on the same parcel.

4. PRE-PLANNED DEVELOPMENT

Where a comprehensive pre-planned coordinated development is proposed for an area greater than 0.81 hectares (2 acres), the standards shown in the bylaw may be relaxed by the Development Authority to an amount necessary to enable the area to be developed to the highest standards of use, servicing and amenity provided that:

- (a) this is done on the basis of a comprehensive development plan approved by Council; and
- (b) it is completed in one continuous operation (i.e. not in phases) unless the approved comprehensive development plan clearly indicates logical phasing or stages.
- (c) This may also be considered if the application is to accommodate a mixed-use or clustered higher density development proposed in accordance with smart growth objectives or policies identified by the municipality and is deemed to be in conformity with a plan approved by Council.

5. NUMBER OF DWELLINGS ON A LOT

- (1) No person shall construct or locate or cause to be constructed or located more than one dwelling unit on a parcel unless authorized by the Development Authority subject to Sections 5(2) through (7).
- (2) If the parcel has an area of at least 32.4 ha (80 acres) and the application otherwise conforms to the standards and requirements of this bylaw, the Development Authority:
 - (a) shall issue a development permit to a person that would permit the construction or location of a second dwelling unit on a parcel;
 - (b) may issue a development permit to a person that would permit the construction or location of additional dwellings (i.e. more than 2), if the requirements of section 5(3)(a) to (d) are met.
- (3) On parcels less than 32.4 ha (80 acres), the Development Authority may issue a development permit to a person that would permit the construction or location of more than one dwelling unit on a parcel if the second or additional dwelling unit:
 - (a) will be located in a district that allows for such use and the proposal can be supported by the land with consideration for meeting the following criteria:
 - (i) the land is suitable to accommodate the required septic treatment system on-site;
 - (ii) access to a public roadway can be provided to the satisfaction of the municipality;
 - (iii) the second dwelling is placed in such a manner so that the two dwellings do not utilize an area (i.e., shared yard) greater than 4.0 ha (10 acres). The configuration of the 4.0 ha (10 acre) area must strive to be compact in nature and must be acceptable to the Development Authority;
 - (iv) the parcel contains a minimum of 1.62 ha (4.0 acres) of developable land for two dwellings, any additional dwelling having an additional of 0.81ha (2.0acres);
 - (v) the parcel, site or land can meet all other requirements and standards of the bylaw, including that the location of the additional dwelling will not be located in a flood

prone area, will not be located within any applicable minimum distance separation (MDS) required to a neighbouring confined feeding operation, amongst other applicable standards; and

- (vi) the dwelling meets the standards of development criteria as stipulated in Parts 4 and 5;
 - (b) is contained in a building that, or in buildings each of which, is designed for or divided into two or more dwelling units such as but not limited to a duplex, semi-detached dwelling, and multi-unit dwelling;
 - (c) is a manufactured home forming part of a park for manufactured home units;
 - (d) is a building, as defined in the *Condominium Property Act*, that is the subject of a condominium plan to be registered in a Land Titles Office under the *Condominium Property Act*; or
 - (e) is a secondary suite dwelling located in a district that allows for such use and the applicable standards of development criteria as stipulated in Part 5 for the use can be met.
- (4) Development Authority may limit the number of additional dwelling units approved on any one parcel of land.
- (5) In making a decision on whether to approve a development permit for a second or additional dwelling unit in Sections 5(2) through (5), the Development Authority shall take into consideration compliance to all other standards and requirements of the bylaw.
- (6) The Development Authority may also consider the following in making a decision on whether to approve a development permit for a second or additional dwelling unit in Sections 5(2) through (5):
- (a) that either the second dwelling unit or the main residence shall be occupied by the owner of the property and is considered the owner's primary residence;
 - (b) the second dwelling unit shall be subject to the same minimum required setbacks for front, side and rear yards as the principal dwelling on the parcel;
 - (c) joint access may be required as a condition of approval;
- (7) The applicant shall have a professional soil test/analysis done at their expense to ensure that the soil characteristics are capable of supporting multiple septic fields. The analysis must include identifying and confirming the depth to water table to meet provincial requirements. Analyses of the test must be performed and approved by an engineer or approved agency under Alberta Labour, with a copy of the report submitted with the development permit application.

6. SUB-STANDARD LOTS

- (1) The Development Authority may approve a development on an existing urban registered lot the minimum dimensions or area of which are less than those specified in Part 2 provided that the minimum area allowed is not less than 232.25 m² (2,500 sq. ft.) or as established by the Subdivision and Development Regulation.

- (2) Development of existing lots which are contained in an existing Certificate of Title and do not meet the minimum size requirements, or any other requirements of this bylaw, will be considered by the Development Authority on a case-by-case basis.

7. CORNER LOT RESTRICTIONS IN HAMLETS

On a corner lot nothing shall be erected, placed, planted, or allowed to grow in such a manner as to materially impede vision between a height of 0.91 and 3.05 metres (3 and 10 ft.) above the centre line grades of the intersecting streets in the area bounded by the property lines of such corner lots and a line joining points along the said property lines 7.62 metres (25 ft.) from the point of intersection.

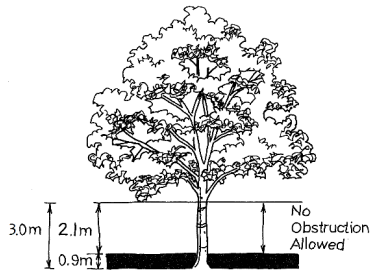


DIAGRAM 4.1

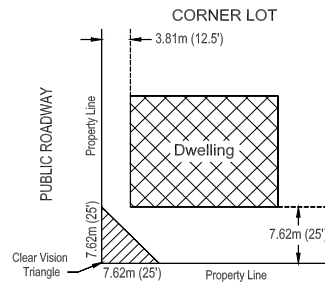


DIAGRAM 4.2

8. MULTIPLE FRONT YARD PROVISION

- (1) In any hamlet, where any lot has more than one front yard line, the front yard requirement shall apply to all yards, but at the discretion of the Development Authority only one-half the front yard requirement may apply to one of the front yards, and that yard shall be considered a side yard.
- (2) In the Grouped Country Residential land use district, where a lot fronts onto an internal subdivision municipal roadway, the front yard setback shall apply to the primary lot frontage as determined by the Development Authority, but at the Development Authority's discretion, it may apply only one-half the front yard setback requirement to the other internal municipal roadway. If one of the side corner roads is a statutory road allowance, the requirement of a 38.1 m (125 ft.) setback shall apply.
- (3) If a lot is located on (between) a double-sided road, the applicable lot street frontage shall be considered as the internal subdivision road or road where primary access is obtained from.

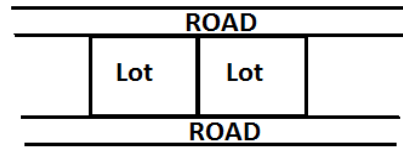
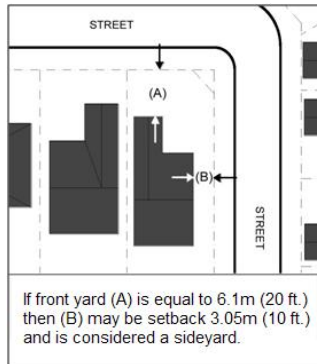


DIAGRAM 4.3

9. EXPOSED FOUNDATIONS

The maximum allowable height above the average finished surface level of the surrounding ground of the exposed portion of a concrete, block, or wood foundation may be limited by the Development Authority.

10. REFUSE COLLECTION AND STORAGE

- (1) In all land use districts, refuse and garbage shall be stored in suitable containers or enclosures.
- (2) Refuse and garbage holding areas, including containers, shall be effectively screened from public view.
- (3) In a residential land use district, no outdoor storage of garbage shall be permitted in any front yard, including any unscreened portion of either front yard on a corner lot except in an approved enclosure until such time as disposal or pick-up occurs.
- (4) All refuse on any construction site shall be properly screened from view and contained in an approved enclosure until such time as disposal occurs.
- (5) In all non-residential land use districts, refuse and garbage holding areas, enclosures, and compaction areas are to be located a minimum of 7.62 metres (25 ft.) from an adjacent residential use.

11. FENCES IN RESIDENTIAL AREAS

- (1) Hamlets
 - (a) No fence, wall, vegetation (i.e. shrubs, hedges, bushes, coniferous trees or any other plant that, in the opinion of the Development Authority, creates a visual obstruction and/or barrier) or any combination thereof, lying within 7.62 metres (25 feet) of the right-of-way

of a public roadway (excluding lanes) shall extend no more than 0.91 metres (3 feet) above the ground (except in the case of corner lots where one yard is considered as the side yard as indicated in Section 6 and in accordance with Section 7 of this part) without a permit issued by the Development Authority

(b) Fences in rear and side yards shall not exceed 1.83 metres (6 ft.) in height.

(2) Grouped Country Residential Areas

(a) No fence, wall, vegetation (i.e., shrubs, hedges, bushes, coniferous trees, or any other plant that, in the opinion of the Development Authority, creates a visual obstruction and/or barrier) or combination thereof, lying within 10 metres (33 feet) of the right-of-way of a public roadway shall extend more than 1.22 metres (4 feet) above the ground without a permit issued by the Development Authority.

(b) Fences in the rear and side yards shall not exceed 1.83 metres (6 feet) in height and can be installed to the property line.

(c) Wind screen fences shall meet all applicable setbacks to municipal roads and property lines.

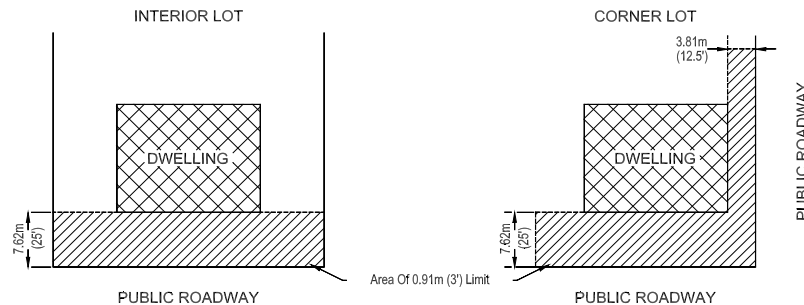


DIAGRAM 4.4

12. FENCES, TREES AND SHELTER BELTS IN RURAL AREAS

In rural areas along local roads, the construction or erection of a fence, hedge or shelterbelt shall comply with the following:

- (a) no fence, hedge or shelterbelt shall be erected which would unduly restrict the vision of approaching traffic;
- (b) fencing surrounding public utility lots shall be as per *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or as stipulated in a Development Agreement;
- (c) all fences must be sited to be able to meet the required corner site triangle setbacks to roadways as depicted in Diagram 4.5;
- (d) a chain link, split rail or barb wire type fence may be located adjacent to the property line or within the required setbacks to a public road, but solid material fences and snow fences must meet the stipulated setbacks to the public road;
- (e) no hedge or shelterbelt shall be erected within the distances to a right-of-way of a public road, as depicted in Diagram 4.5;

- (f) wind screen fences shall meet all setbacks to municipal roads and provincial highways as required for the applicable land use district.

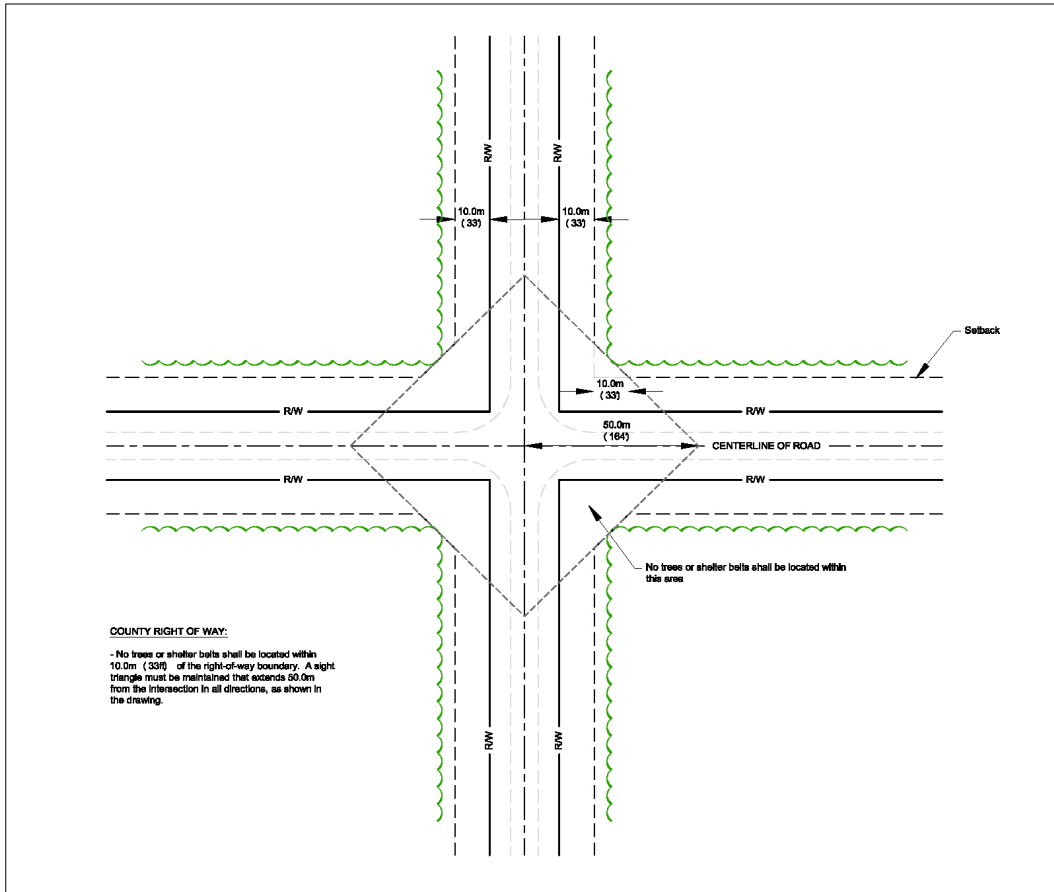


DIAGRAM 4.5
Tree and Shelter Belt Setback Requirements

13. DECKS AND AMENITY SPACES

- (1) A development permit is required for the construction of any deck 0.61 metres (2 ft.) or more above grade in height. Deck height is measured from the finished grade to the finished floor grade of the deck.
- (2) A development permit is required for the construction of any deck that is covered or enclosed (roof or walls), regardless of the height.
- (3) A development permit is required for the construction of a deck if it will be attached to a principal building.

- (4) For the purpose of calculating yard setbacks and site coverage requirements as provided in this bylaw, where a structure is attached to the principal building by a roofed structure (open or enclosed), it shall be deemed to be part of the principal building and must meet the required side and rear yard setbacks.
- (5) Decks not attached to a building that are not 0.61 metres (2 ft.) or more in height, do not require a development permit provided they meet the minimum setback requirements for accessory buildings.
- (6) REAR YARD SETBACKS: uncovered decks may encroach into the minimum required rear yard setback a maximum distance of 3.05 metres (10 ft.).
- (7) For the purpose of applying these standards of the bylaw:

- (a) a **deck** means a wooden, or other similar hard-surfaced platform, with or without a roof, walls or railings intended for outdoor living space or amenity area and which is generally attached to a building;

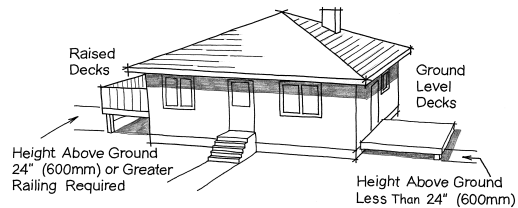


DIAGRAM 4.6

- (b) a **raised deck** means a horizontal structure with a surface height 0.61 metres (2 ft.) or greater above grade at any point, but generally no higher than the first storey floor level, and is intended for use as a private outdoor amenity space;

- (c) a **ground level deck** means an unenclosed (no roof or walls) amenity area of wood, or other similar material, that is constructed less than 0.61 metres (2 ft.) above grade and is typically attached to a dwelling;

- (d) a **ground level patio** means an unenclosed (no roof or walls) amenity area of concrete, brick, wood, or other material that is constructed at grade and may or may not be or attached to a dwelling.

- (8) In accordance with Part 2, Development Not Requiring a Development Permit, decks in the Rural Agriculture – RA land use district do not require a development permit but may require a building permit. The applicant shall be responsible for obtaining any required Safety Code permit pertaining to the construction of a deck.

14. BUILDING SETBACKS

- (1) The Development Authority may waive the building setback requirement in a well-established residential area if, in its opinion, the setback blends in with the prevailing yard pattern.
- (2) The Development Authority may require varied building setbacks in new residential areas if, in its opinion, the variation in setbacks will enhance the development of that area.
- (3) The Development Authority may require increased building setbacks other than those listed in 14(1) and (2) if, in its opinion, such setbacks would be necessary.

15. MINIMUM SETBACKS FOR USES INVOLVING LIVESTOCK OR ANIMALS

- (1) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located closer to a neighbouring residence than 30.48 metres (100 ft.).
- (2) All corrals, feeders, shelters or other structures for the feeding of animals less than the numbers outlined in the *Agricultural Operations and Practices Amendment Act 2001 and Regulations* shall not be located within 30.48 metres (100 ft.) of the boundary or right-of-way an irrigation district canal, creek, stream, river, lake shore or water body.
- (3) A large animal veterinary clinic (e.g. cattle, horses, pigs, sheep and goat) shall not be located within 152.40 metres (500 ft.) of a neighbouring residential building.
- (4) A kennel, breeding facility, livestock sales yard or abattoir shall not be located within 300 metres (1,000 ft.) of a neighbouring residential building.

16. MINIMUM SETBACKS FROM ROADWAYS

- (1) No part of a building, structure or development shall be located within:
 - (a) 38.10 metres (125 ft.) of the centre line of any public roadway which is not designated as a provincial highway under the *Highways Development Protection Regulation*, unless authorized by the Development Authority;
 - (b) 70.00 metres (230 ft.) of the centre line or 40.00 metres (131 ft.) from the right-of-way boundary, whichever is greater, of roads designated as provincial highways under the *Highways Development Protection Regulation*;
 - (c) any greater distance that may be required by the Development Authority in order to facilitate future road widening, service road dedication, to reduce potential snow drifting, or vision restrictions.
- (2) For any development adjacent to provincial roadways classified as a four-lane divided highway or freeways/expressways, the required setback distances and accesses will be reviewed on a highway-by-highway/development-by-development basis and shall be as prescribed by Alberta Transportation.
- (3) Where any parcel or part of a parcel has frontage on a provincial highway, special standards for setbacks, access, and service roadways may be required by Alberta Transportation under the *Highways Development Protection Regulation*.
- (4) Landscaping and dugout setbacks shall be at the discretion of the Development Authority having consideration for future road widening and possible adverse effects on the safety of the roadway.

17. DUGOUTS

- (1) No part of any dugout, regardless of size, shall be located within:
 - (a) 45.72 metres (150 ft.) of the right-of-way of a highway; and

- (b) 38.10 metres (125 ft.) of the centre line, whichever is greater, of any public roadway which is not designated as a provincial highway under the *Highways Development Protection Regulation*, unless authorized by the Development Authority.
- (2) In accordance with Part 2, section (4)(h), a dugout or pond is exempt from a development permit if the applicable setbacks to all roadways (including the required site triangle restriction) and property lines are met in accordance with the bylaw (setbacks are to include the area for berms, stockpiles and fencing associated with a dugout or pond);

18. ACCESS

- (1) The municipality may, at the time of subdivision or development, require the developer to enter into an agreement for the construction of any approach(es) necessary to serve the lot or development area in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*.
- (2) All newly created lots shall have frontage on a public roadway which enables direct physical and legal access onto that public road. The minimum frontage requirements shall be as defined by the minimum lot dimensions in the applicable land use district or as required by the Subdivision or Development Authority.
- (3) All new development shall have frontage on and direct physical and legal access to a maintained public roadway, except for:
 - (a) development internal to a condominium plan containing private roadways;
 - (b) development internal to a manufactured home community, dwelling group, or multi-use development containing internal roadways as approved by the Development Authority; and
 - (c) in limited circumstances where the Subdivision or Development Authority has allowed legal access to be provided by an easement.
- (4) To ensure proper emergency access, all developments shall have direct legal and developed physical access to a public roadway constructed in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*. If the development is within 304.80 metres (¼ mile) of a provincial highway, direct legal and physical access to a public roadway shall be to the satisfaction of Alberta Transportation.
- (5) Access points adjacent to blind corners, hills, ridges, railway crossings and any other obstructions shall be positioned so as to provide a reasonably unobstructed view in either direction of 100.00 metres (328 ft.) on a local road.
- (6) The requirement of a service road or subdivision street to provide access may be imposed as a condition of approval for any new development other than those deemed approved. Construction and survey costs for a service road shall be the responsibility of the applicant.
- (7) The Development Authority may require access to be located so that it can be shared with an adjoining lot or development.

19. ACCESS TO AND DEVELOPMENT NEAR PROVINCIAL HIGHWAYS

- (1) All accesses on provincial highways shall be approved by Alberta Transportation. The department will review any development adjacent to a provincial highway and determine whether an access, existing or proposed, is acceptable.
- (2) All land redesignations and new developments that will cause intensified or increased use of any access to provincial highways shall be approved by Alberta Transportation.
- (3) Provincial legislation may require that Alberta Transportation issue a Roadside Development Permit when development takes place in proximity of the provincial highway system.

20. DRIVEWAYS

- (1) In hamlets, vehicle access to and from corner lots shall generally be limited to locations along the minor street or cul-de-sac.
- (2) In hamlets, every vehicular entrance and exit shall be located at least 6.10 metres (20 ft.) from the intersection of two streets, excluding lanes, and a greater distance where reasonable and appropriate (reference to 6.10 metres distance illustrated as setback A on Diagram).
- (3) In all other cases, every vehicular access and exit to a parcel shall be located to the satisfaction of the municipality.
- (4) As a condition of a development or subdivision approval, the Development Authority or Subdivision Authority may stipulate the minimum width and type of private driveways required to ensure adequate access for emergency vehicles, applicable to all land use districts.
- (5) No access for vehicles will be permitted from a municipal roadway where, in the opinion of the Development Authority, there would be an excessive number of access points onto a roadway.
- (6) Outside of hamlets, the minimum parcel frontage or width required to accommodate a private parcel access or driveway onto a public roadway shall be a minimum of 6.10 metres (20 ft.).

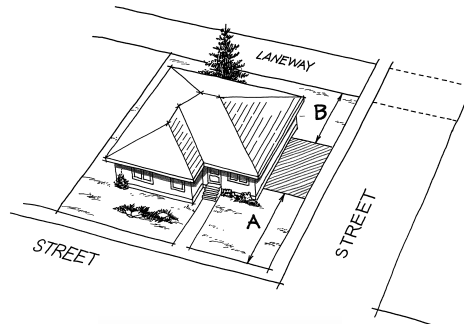


DIAGRAM 4.7

21. DEMOLITION

For the purposes of the application of the Land Use Bylaw, the demolition or removal of buildings shall be considered a permitted use subject to complying with the following:

- (1) No person shall commence or cause to be commenced the demolition or removal of any building or structure, or portion thereof, until all necessary permits have been obtained unless otherwise exempted by the bylaw.

- (2) The demolition or removal of any building or structure 9.29 m² (100 sq. ft.) or less in size or an agricultural building located in the Rural Agriculture land use district is exempt from a municipal development permit in accordance with Part 2, Development Not Requiring a Development Permit.
- (3) A demolition permit must be obtained for the demolition or removal of any building or structure greater than 9.29 m² (100 sq. ft.) in size, unless it is deemed by the Development authority to be exempt as an agricultural building located in the Rural Agriculture land use district.
- (4) Whenever a demolition permit is issued for the demolition or removal of a building or structure, it shall be a condition of the permit that the lot shall be cleared, with all debris removed, and left in a graded condition upon completion of the demolition or removal to the satisfaction of the Development Authority.
- (5) When a demolition permit is to be approved for the demolition or removal of a building or structure, the Development Authority may require the applicant to provide a cash deposit, an automatically renewable irrevocable letter of credit, or other acceptable form of security in such amount as to occupy the costs of reclamation to any public utility or municipal property if applicable.
- (6) Whenever a demolition or removal of a building or structure is carried out, the property owner shall, at their own expense, protect any wall, structure, sidewalk, landscaping (hard and/or soft) or roadway liable to be affected by such demolition or removal, including those on neighbouring properties, from damage or displacement.
- (7) The Development Authority may require as a condition of the demolition or development permit that the site be fenced and screened to ensure adequate public safety.
- (8) The applicant shall be responsible for obtaining all necessary Safety Codes approvals and utility service disconnections before demolition or removal of buildings or structures.
- (9) A development permit for demolition may be treated as a discretionary use by the Development Authority, if it is combined and processed in conjunction with a discretionary use development permit application. Demolition may also be approved through the issuance of a development permit if it is processed in conjunction with a permitted use development permit application.
- (10) At the discretion of the Development Authority, affected landowners or utility agencies may be notified of the application prior to the issuance of the permit.

22. EXCAVATIONS

For the purpose of this bylaw, an excavation shall be considered a development and is subject to the requirements of obtaining a development permit from the municipality, unless otherwise exempted in the bylaw.

23. UTILITY EASEMENTS

- (1) No development permit may be issued for a development that encroaches into or over a utility easement or right-of-way without the written consent of the easement owner or the person whose utility line is found in the easement, or both.
- (2) All development permit applications submitted to the municipality shall illustrate on the site plan the specific location any easements or utility rights-of-way on the parcel. Prior to deeming a development permit application complete, the Development Authority may require a developer or landowner to provide utility easement or right-of-way information in the form of agreements or registered plans.

24. PIPELINE AND OTHER UTILITY CORRIDOR SETBACKS

Any development involving pipeline and/or power line transmission rights-of-way shall be sited to comply with all relevant Federal and Provincial legislation. Setbacks from pipelines and other utility corridors shall be in accordance with appropriate Provincial Regulations or Acts and any regulations or directives established by the Alberta Energy Regulator (AER).

25. LANDSCAPING AND SCREENING

- (1) The Development Authority may impose landscaping or screening requirements on development applications for permitted and discretionary uses if, in their opinion, they would serve to improve the quality or compatibility with nearby uses of any proposed development. Landscaping or screening requirements will usually be required for business, commercial or industrial developments, especially adjacent to transportation corridors and within commercial or industrial parks.
- (2) Landscape securities shall be provided if requested by the Development Authority, with the minimum deposit amount as determined sufficient by the Development Authority, which shall be held until an inspection has been completed by the municipality to determine compliance.
- (3) The Development Authority may require that a high-quality landscape plan/design be submitted for review and approval by the municipality:
 - (a) as part of a development permit application prior to being deemed complete; or
 - (b) as a condition of a development permit approval.
- (4) The front yard (except for sidewalks and driveways) shall be landscaped to the satisfaction of the Development Authority.
- (5) In the case of corner lots, the minor street frontage shall also be landscaped to the satisfaction of the Development Authority.
- (6) Landscaping may consist of any or all of the following:
 - (a) trees, shrubs, lawn, flowers;
 - (b) large feature rocks, bark chips, field stone;
 - (c) berming, terracing;

- (d) other innovative landscaping features.
- (7) Within hamlets and the Grouped Country Residential land use district, landscaping of lots shall be carried out within two years of the date a development permit is issued, to the satisfaction of the Development Authority. In other districts, the landscaping shall be carried out within the time prescribed on the development permit approval.
- (8) In addition to any other provisions of this bylaw, landfill sites, gravel pits, sewage lagoons, sewage treatment plants, commercial or industrial storage yards and other similar forms of development may be required to be screened from view by a vegetated buffer strip or some other form of screening.
- (9) The Development Authority, in considering a development permit application, may impose conditions requiring the retention of trees or additional plantings of such a type and extent that are considered necessary.
- (10) If landscaping is required as a condition of a development permit approval, the Development Authority may impose any or all of the following standards:
 - (a) If water is readily available, soft landscaping guidelines pertaining to more typical or traditional forms of landscaping (not including xeriscaping or xerigardening) that shall be provided must be in consistency with following (at a minimum):
 - (i) trees must be planted in the overall minimum ratio of one tree per 130 m² (1399 sq. ft.) of landscaped area provided;
 - (ii) the mixture of tree sizes at the time of planting must be equivalent to a minimum of 50 percent larger trees;
 - (iii) at the discretion of the Development Authority, the mixture of tree sizes at the time of planting may be equivalent to 2/3 trees with an option of providing 1/3 remaining with shrubs with no less than 3.0 shrubs per tree;
 - (iv) all plant materials shall be planted according to good horticultural practice;
 - (v) selection of plant varieties shall be based on regional climatic conditions, constraints of location, effectiveness in screening (if required), resistance to disease and insect attack, cleanliness, appearance and ease of maintenance;
 - (vi) wherever space permits, trees shall be planted in groups;
 - (vii) if trees are planted, the minimum requirements for tree sizes at the time of planting shall be:

TREE TYPE	CALLIPER / HEIGHT
Deciduous trees (small)	40 mm calliper
Deciduous trees (large)	80 mm calliper
Coniferous trees (small)	1.5 metres height
Coniferous trees (large)	2.5 metres height
Shrubs	0.5 metres height or spread

- (b) If water is not available, xeriscaping or xerigardening, which refers to landscaping and gardening in ways that reduce or eliminate the need for supplemental water from

irrigation and emphasizes plants whose natural requirements are appropriate to the local climate, shall be highly encouraged. Xeriscaping or xerigardening may include incorporating rocks, mulch, boulders in the design, but it must also focus on including some form of greenery (plants) that require less water.

- (11) Additional landscaping that may be required at the discretion of the Development Authority may include, but is not limited to, the following:
 - (a) additional separation, or buffering, between adjacent land uses;
 - (b) the use of trees, shrubs, fences, walls, and berms to buffer or screen uses of negative impact; and
 - (c) the use of trees, shrubs, planting beds, street furniture and surface treatments to enhance the appearance of a proposed development.
- (12) Where any parcel or part of a parcel adjacent to a provincial highway is used for outdoor storage of goods, machinery, vehicles, buildings, or waste materials, the Development Authority shall require screening by buildings, fences, hedges, trees, berming, or other landscaping features to their satisfaction.
- (13) Where screen planting is required, low water use and indigenous species should be used, but evergreen trees and flowering trees are acceptable.
- (14) Fencing shall only be utilized for the visual screening of outside storage, waste/garbage, equipment, product, vehicles or for security purposes provided it is located in the side or rear yards of the principal building. At the discretion of the Development Authority, decorative fencing may be permitted in the front yard of a principal building in compliance with the standards of the Land Use Bylaw and any approved architectural controls. Additionally, fencing may be permitted in the front yard of a principal building at the discretion of the Development Authority with consideration of the following:
 - (a) it may be exempted in older, well established industrial or commercial areas in consideration of the existing prevalent yard and neighbourhood patterns;
 - (b) where no principal building is present on parcel or the use is for outdoor storage;
 - (c) where municipally approved architectural controls are present and/or the area structure plan for the land or business park enables such use;
 - (d) on corner lots, the required site corner triangle setbacks must be able to be adhered to.

If the above described criteria cannot be met, fencing shall only be utilized for visual screening in the side and rear yards of the principal building.
- (15) The location, type, height or size of visual screening that may be required shall be provided as determined necessary at the discretion of the Development Authority.
- (16) To the satisfaction of the Development Authority, the following shall be enclosed from view, or screened to soften the visual impact on adjacent or proximal sites, public roadways, and public thoroughfares:

- (a) all heating, ventilating, and air conditioning (HVAC) apparatus on the roof, with the exception of solar power;
 - (b) outside storage areas;
 - (c) exterior work areas;
 - (d) garbage, waste, and waste handling and collection areas;
 - (e) wrecked or damaged motor vehicles;
 - (f) outdoor service areas, including any loading and vehicular service areas, that are visible from an adjacent residential property or from a public road other than a lane;
 - (g) bulk outdoor storage, including but not limited to auto wrecking, lumber yards, pipe storage, vehicle storage and similar uses; and
 - (h) the parking or storage of large trucks, tractor-trailers, and heavy industrial equipment.
- (17) Limited outside storage display areas may be allowed at the discretion of the Development Authority, provided that they are limited to examples of equipment, products, vehicles or items sold by the business use located on the subject site containing the display area, are not located within any required setback, and are not located on any required and approved landscaping area.
- (18) The location, length, thickness and height of screening shall be in accordance with the Landscaping Plan or Development Permit approved by the Development Authority.
- (19) Such screening shall be maintained to mitigate visual impact from the ground to a height of 1.98 metres (6.5 ft.), or as may be stipulated as a condition of Development Permit.
- (20) Where, because of the height of materials stored, a form of screening to a height of 1.98 metres (6.5 ft.) would not be sufficient, a form of screening with sufficient height to mitigate the view shall be provided, to the satisfaction of the County.

26. DRAINAGE, SITE GRADING AND RETAINING WALLS

- (1) The Development Authority may require as a condition of development approval:
- (a) engineered grading and drainage plans for the development;
 - (b) a legal land survey demonstrating that engineered grades have been met;
 - (c) grading and other measures, as appropriate, to control surface drainage, reduce or eliminate grade difference between adjacent lots, and minimize erosion or slope instability;
 - (d) the final grades of the development must be approved by the Development Authority before the issuance of a building permit;
 - (e) the applicant is responsible for ensuring adherence to final grades.
- (2) At the discretion of the Development Authority, the applicant shall be required to grade a parcel in such a manner that all surface water will drain from the building and other site improvements.

- (3) The Development Authority or Subdivision Authority may require the applicant of a development or subdivision to provide at their expense, a storm water drainage management plan prepared by a licensed professional engineer as part of the information requirements in considering an application or as a condition of approval.
- (4) The Development Authority or Subdivision Authority may refuse to approve a development permit or a subdivision application if it cannot be demonstrated to the satisfaction of the relevant approval authority that storm water drainage can be suitably managed.
- (5) The Development Authority may require an applicant to provide a site grading plan for any development if there is the possibility the development may block drainage, natural drains or drain water onto neighbouring lands.
- (6) The Development Authority may require the construction of a retaining wall as a condition of a development permit if, in his opinion, significant differences in grade exist or will exist between the parcel being developed and adjacent parcels.
- (7) As a condition of a development permit, the Development Authority may require special grading and/or paving to prevent surface drainage problems with neighbouring lots.
- (8) Where no specific engineered grading and drainage plan is submitted or requested for a development, the Development Authority may establish and specify building grades at its discretion.
- (9) In no instance shall a lot owner develop, construct, regrade or alter the grading of a lot where it would result in improper drainage or adversely impact a neighbouring property owner or cause flooding.

27. LOW IMPACT DEVELOPMENT (LID)

- (1) Low Impact Development (LID) consists of a set of best management practices (BMPs) which seek to reduce storm water quantity and improve storm water quality at its source. These practices include but are not limited to:
 - (a) green roofs;
 - (b) bioretention areas;
 - (c) porous pavement;
 - (d) water re-use; and
 - (e) bioswales.
- (2) LID measures such as those described above may be required by the County to be implemented on new development projects, renovations to existing buildings, or revisions to existing developments/subdivisions or parcels of land by individual land owners. These measures may be mandatory for land development and required as part of an area structure plan, conceptual design scheme, or condition on a development permit approval, as determined necessary by County Council or the Development Authority.

- (3) As part of a sustainable neighbourhood design, landscaping may be required to utilize native vegetation wherever possible to reduce the irrigation demand (xeriscaping). Irrigation of public areas with reclaimed water and storm water from centralized storm ponds is an option to further reduce potable water demands.

28. SERVICES, TRANSPORTATION AND UTILITIES FACILITIES

- (1) An application to locate or expand a land use shall not be approved unless, in the opinion of the Development Authority, the proposed use will not have a detrimental effect on any:
 - (a) transportation or communication system, including highways, railway, airport site or communication facility; or
 - (b) regionally significant services or utilities facilities, including irrigation works, pipelines and power transmission lines.
- (2) Any application for development located in the vicinity of a sour gas pipeline shall be circulated to the Alberta Energy Regulator (AER) for comment prior to a decision being made on the application.

29. OBJECTS PROHIBITED OR RESTRICTED IN YARDS

- (1) In accordance with the applicable land use district, the number of recreational vehicles that shall be stored or parked on a parcel shall not exceed the number as specified in a land use district or unless otherwise approved by the Development Authority.
- (2) A recreational vehicle parked on a lot in any district shall not be used for permanent living or sleeping accommodation.
- (3) Unless otherwise authorized in the bylaw and allowed in a land use district as a permitted or discretionary use, shipping containers (or c-containers, sea-containers) are prohibited from being used or stored in yards. (See Section 36 of Part 5 – Use Specific Provisions)

30. OFF-STREET PARKING REQUIREMENTS FOR NON-AGRICULTURAL USES

APPLICABILITY

- (1) The off-street parking and loading requirements and design standards apply to:
 - (a) all new buildings and uses;
 - (b) the expansion or enlargement of existing buildings or uses; and
 - (c) a change in a land use.
- (2) In the case of expansion or enlargement of an existing building or use, additional off-street parking spaces will be required to serve the expanded or enlarged area only, not the entire building or use.

GENERAL REQUIREMENTS

- (3) Parking areas shall be laid out and delineated in a manner which will provide for orderly parking (see diagram on following pages).
- (4) The Development Authority may require that driveways and parking areas or portions thereof be properly gravelled or hard surfaced (e.g., asphalt, concrete, pavement, stones).
- (5) All parking spaces shall be provided on the same lot as the building or use, except where the Development Authority may permit parking space to be on a lot within 152.40 metres (500 ft.) of the building or use if, in his opinion, it is impractical to provide parking on the same lot as the building or use. Where such other parking space is provided, a caveat, to the approval of the Development Authority, shall be registered against the lot.

MINIMUM REQUIRED OFF-STREET PARKING

- (6) Table 2, Minimum Required Off-Street Parking, shall be used to calculate the minimum number of off-street parking spaces a use is required to provide.
- (7) Off-street parking requirements based on floor area are to be computed on the gross floor area (GFA) of the building.
- (8) Calculation of off-street parking requirements resulting in a fractional number of 0.5 or greater shall be rounded up and rounded down when resulting in a fractional number of 0.49 or less.
- (9) A multiple use development must provide parking in an amount equal to the number of spaces for all uses, except where a shared parking provision is approved by the Development Authority. A shared parking provision based upon the proposed sharing of parking spaces between two or more uses must include a written agreement between the owners on record. Where such off-site parking is approved, a caveat shall be registered against the lot to guarantee the continuous use of the site for parking.
- (10) Where a use is not listed, minimum required off-street parking shall be provided as required by the Development Authority having regard to the listed use that is most similar to the proposal. As an alternative, the Development Authority may require a parking study prepared by a qualified professional at the applicant’s expense to determine the parking requirements for a use not listed.

Table 2 - Minimum Required Off-Street Parking	
USE	MINIMUM PARKING SPACES
RESIDENTIAL	
Dwellings:	
Single-detached dwellings (all types)	2 spaces per dwelling unit
Duplex and semi-detached dwellings	2 spaces per dwelling unit
Multiple family dwellings	1.5 spaces per unit
Single- and double-wide mobile homes	2 spaces per unit

Bed and breakfast/Tourist Homes /Short Term Rentals	1 off-street parking space for each guest room plus the parking requirements for the dwelling
Day Care	1 pick-up/drop-off space per 10 children plus 1 space per employee
Day Home	2 spaces per dwelling
Home Occupations <ul style="list-style-type: none"> - Home occupation 1 - Home occupation 2 - Home occupation 3 	No additional (just regular 2 per dwelling) 1 additional space (in addition to 2 per dwelling) 1 additional space per employee (in addition to 2 per dwelling)
Secondary suites	1 space per unit (in addition to principal dwelling units 2 per dwelling)
Senior citizen housing	1 space per 2.5 dwelling units
PUBLIC AND INSTITUTIONAL	
Governmental (e.g., civic offices, government offices, library)	1 space / 46.45 m ² (500 sq. ft.) of GFA
Group Care (facility)	1 space per 3 client rooms plus 1 per employee
Group Home (within a residence)	2 spaces per each dwelling unit plus 1 space per employee
Schools – Elementary, Junior High, Educational Instruction Facilities	1.5 per employee or more as required by the Designated Officer
Schools – High School	3 spaces per classroom
Hospitals, Clinics	1 space per 3 beds or 1 per examination/patient room
Public assembly (e.g., churches, private or public halls, clubs, auditoriums)	1 space per 6 seating places
Public or private utilities	As required by the Development Authority
Passive recreation, Parks, Playgrounds	As required by the Development Authority
Public and Institutional (not specified)	As required by the Development Authority
COMMERCIAL	
Licensed premises (bars, lounges)	1 space per each 2 seating places
Hotel, motel and other guest lodging	1 space per guest room plus 1 per on-site employee
Restaurants, cafes, food establishments	1 space per employee and 1 for each 4 seats

Retail, Sales and Service commercial uses, Personal Services, Banks, Financial Services, Offices	1 space / 37.16 m ² (400 sq. ft.) of GFA
Service stations/gas bars	1 space / 37.16 m ² (400 sq. ft.) of GFA
Recreation facility, public or private	1 space / 27.87 m ² (300 sq. ft.) of GFA
Commercial (not specified)	As required by the Development Authority
INDUSTRIAL	
Autobody sales & service, Auto repair/paint shop	1 space / 46.45 m ² (500 sq. ft.) of GFA
Business support service	1 space / 46.45 m ² (500 sq. ft.) of GFA
Car wash/Truck wash	1 space per employee (plus required queuing stacking space per bylaw standards)
Manufacturing and Processing, Construction supply and contractor, Landscaping materials sales, Light industry/ manufacturing, Grain elevators/seed cleaning, Auctioning establishment, Equipment sales, Warehousing/ Wholesale trade	1 space / 65.03 m ² (700 sq. ft.) of GFA
Mini-storage, Indoor & Outdoor Storage	As required by the Development Authority
Specialty manufacturing/rural cottage industry, Transportation/delivery service	1 space / 46.45 m ² (500 sq. ft.) of GFA
Industrial (not specified)	1 space per employee or more as required by the Development Authority
All other (any use not specifically listed)	As required by the Development Authority

BARRIER-FREE PARKING

- (11) The minimum number of barrier-free parking spaces to be provided for shall be a portion of the total number of off-street parking spaces required, in accordance with Table 3, Barrier-Free Parking Spaces.
- (12) Each barrier-free parking space for the disabled shall be:
- at least 3.66 metres (12 ft.) wide;
 - have a firm, slip-resistant and level surface;
 - be clearly marked as being for the use of persons with disabilities only.
- (13) Where there are two or more adjacent barrier-free parking stalls, a 1.52 metres (5 ft.) wide access aisle shall be provided between the stalls.
- (14) Barrier-free parking stalls shall be clearly identifiable in accordance with Safety Codes.

- (15) There must be a well-lit, distinguishable, barrier-free path of travel from the parking areas to the building entrance.
- (16) The Development Authority may require an additional number of spaces be provided when the purpose or use of the building facilities may cause an increase in the number of seniors or persons with disabilities who require accessible parking, such as, but not limited to, medical services and restaurants.

Table 3 – Barrier-Free Parking Spaces	
Number of parking spaces required for a use	Number of barrier-free spaces required for use by persons with disabilities
0-10	0*
11-25	1
26-50	2
51-100	3
for each additional increment of 100 or part thereof	one additional stall

* Development is encouraged to provide at least one barrier-free parking space for use by persons with disabilities.

LOADING SPACE REQUIREMENTS

- (17) One loading space shall be provided for each loading door.
- (18) The minimum dimensions for a loading space shall be 3.05 metres (10 ft.) by 9.14 metres (30 ft.) with an overhead clearance of 3.96 metres (13 ft.).
- (19) Each loading area shall provide a doorway into the building sufficient to meet the needs of the use within the building.
- (20) Each loading area shall be designed in such a manner that it will not interfere with convenient and safe pedestrian movement, traffic flow or parking.
- (21) The Development Authority may require additional loading areas or doors if such additional areas or doors are deemed necessary.
- (22) The Development Authority may consider a joint loading area for two or more uses if such a loading area would facilitate orderly development or relieve congestion in the immediate area.

STACKING SPACES FOR DRIVE-THROUGH USES

- (23) In addition to the off-street parking requirements, a drive-through use is required to provide the following minimum stacking spaces:
- Restaurant use: 30.48 metres (100 ft.) from order box to pick-up window and
24.38 m (80 ft.) from order box to street/property line
- Gas station: 9.14 metres (30 ft.) from each end on pump island

Bank machine: 22.86 metres (75 ft.) from bank machine window to street/property line

Car wash: 15.24 metres (50 ft.) from car wash entrance to street/property line

Other: As determined by the Development Authority

(24) The minimum stacking space requirements in Section (23) above may be varied by the Development Authority depending upon the intensity of the proposed development.

OFF-STREET PARKING DESIGN STANDARDS

(25) Off-street parking areas shall be accessible and designed in a manner which will provide for orderly parking in accordance with the minimum parking space dimensions in Table 4, Minimum Parking Space Dimensions and Figure 1, Minimum Parking Space Dimensions.

(26) Parking space designs proposing tandem or stacked parking to a maximum of two vehicles per stall may be approved by the Development Authority provided the spaces are for employee parking only.

(27) The stall width and depth requirements for an off-street parking space may be reduced by the Development Authority where spaces are designed to accommodate compact vehicle parking.

(28) Where a use or development may need to accommodate over-sized vehicles such as tractor-trailers, large recreational vehicles, buses or other similar vehicles, the Development Authority may require larger parking space and aisle dimensions.

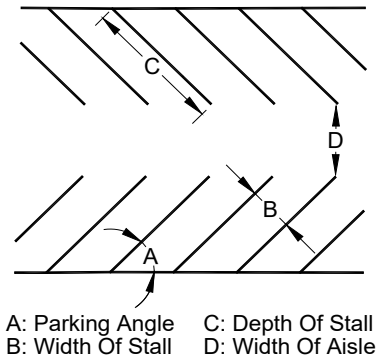
(29) Off-street parking areas shall be constructed in a manner which will permit adequate drainage, snow removal, and maintenance.

(30) Off-street parking spaces adjacent to a road right-of-way shall be provided with bumper blocks, curbing or other similar protective feature to ensure public safety and prevent vehicle overhang.

(31) The Development Authority may require that off-street parking areas or portions thereof be paved as a condition of approval.

Table 4 – Minimum Parking Space Dimensions						
A: Parking Angle	B: Stall Width		C: Stall Depth		D: Aisle Width	
Degrees	Metres	Feet	Metres	Feet	Metres	Feet
0	2.44	8.0	6.71	22	3.66	12
30	2.74	9.0	5.49	18	3.35	11
45	2.59	8.5	6.10	20	3.96	13
60	2.59	8.5	6.40	21	5.49	18
90	2.90	9.5	5.64	18.5	7.32	24

Figure 1: Minimum Parking Space Dimensions



31. PERMITTED PROJECTIONS INTO SETBACKS

- (1) In no circumstances shall any part of any structure encroach or cause runoff on an adjoining property.
- (2) The following features may, subject to the relevant provisions of Safety Codes, project into the required setbacks under this bylaw:
 - (a) unenclosed steps or unenclosed fire escapes;
 - (b) a wheelchair ramp at the discretion of the Development Authority;
 - (c) fences or walls to the property line in accordance with the applicable land use district and the Corner Lot Sight Triangle requirements;
 - (d) driveways, curbs and sidewalks;
 - (e) off-street parking in accordance with the applicable land use district and the Corner Lot Sight Triangle requirements;
 - (f) cooling units not to exceed 0.91 metres (3 ft.);
 - (g) mailboxes;
 - (h) landscaping, fish ponds, ornaments, flagpoles less than 4.57 metres (15 ft.) in height, or other similar landscaping features in accordance with the Corner Lot Sight Triangle requirements;
 - (i) temporary swimming pools in accordance with the applicable land use district; and
 - (j) signs, in accordance with Part 6 (Sign Regulations).
- (3) The portions of an attachment to a principal structure which may, subject to the relevant provisions of Safety Codes, project over a setback are as follows:
 - (a) eaves, fireplaces, belt courses, bay windows, cornices, sills or other similar architectural features may project over a side setback as permitted under the relevant provisions of Safety Codes and over a front or rear setback a distance not to exceed 1.22 metres (4 ft.);

- (b) a deck, balcony, porch, veranda, cantilever, or other similar feature may project over a front, rear or side setback a distance not to exceed 1.22 metres (4 ft.).
- (4) In all cases, projections into any required setback must comply with the requirements of Safety Codes.

32. LIGHTING

Site lighting may be required as a condition of development and any such lighting shall be located and/or oriented as required by the Development Authority.

33. HERITAGE CONSERVATION / HISTORICAL SITES AND VARIANCE PROVISIONS

The intent of these policies and standards is to preserve and protect historical buildings and landscapes which become landmarks and touchstones for the community, as the retention of historic elements serves to moderate the impact of rapid societal change.

The *Federal Standards & Guidelines for the Conservation of Historic Places in Canada* and the *Alberta Historical Resources Act* may be used to provide for the means to identify and protect historic resources in the municipality.

- (1) The Development Authority may relax or vary a standard of the bylaw pertaining to site coverage, setbacks, height restrictions, access, parking and loading requirements, lot dimensions and sizes, if it is to accommodate the preservation or redevelopment of a building or development that has been officially designated as a historic building or site or meets the criteria in Section (2) below.
- (2) Sites or buildings considered as eligible to receive special consideration under the land use bylaw include; archaeological sites, cultural landscapes, ethnic and local heritage sites, pioneer and agricultural sites, schools, churches and community halls, historic commercial buildings or structures, transportation heritage and cemeteries.
- (3) In consideration of Sections 33(1) and (2), the Development Authority may waive certain requirements of the standards of the land use bylaw subject to the following conditions:
 - (a) the proposed work on the site would be compatible with and sympathetic to the character and context of the heritage site according to the federal heritage Standards and Guidelines for the Conservation of Historic Places in Canada;
 - (b) the heritage character-defining elements of the site are maintained;
 - (c) the existing buildings or use would be compromised if strict adherence to the land use bylaw standards were enforced;
 - (d) legal protection, in the form of a heritage designation or a covenant, may be a pre-requisite for any municipal heritage incentive.
- (4) Where Council has, after giving the owner 60 days notice, designated by bylaw a historic resource within the municipality whose preservation it considers to be in the public interest, together with any land in or on which it is located that may be specified in the bylaw as a

“Municipal Historic Resource”, no person shall alter or destroy or repair the resource without the approval of Council or a person appointed by Council.

- (5) In conjunction of a development permit application submitted for a proposal declaring to be a historic building or site, the Development Authority may request that the applicant provide verification that the building, site or land has obtained official historic designation.

B. SERVICING AND SITE SUITABILITY

34. RURAL SERVICING STANDARDS AND SOIL SUITABILITY

SEWAGE SERVICING REQUIREMENTS

- (1) Where a development requires a means of sewage disposal or treatment, the developer shall be required to install a sewage disposal system in accordance with *Lethbridge County Engineering Guidelines and Minimum Servicing Standards* or other system as approved by the municipality. The Subdivision Authority may refuse to approve an application for subdivision, or the Development Authority may refuse to approve an application for a development if the parcel on which it is proposed is not large enough to support a sewage disposal system to the standard required.

ON-SITE PRIVATE SEWAGE SYSTEMS

- (2) The Development Authority or Subdivision Authority may ask for a professional soil test/analysis at any time it is of the opinion it is warranted, to determine the soil texture and the suitability of the land for private sewage septic systems in relation to the development or subdivision proposal.
 - (a) required on parcels that are less than 0.8 hectares (2 acres) in size
 - (b) required where a development is on a coulee slope or near a river/lake
- (3) The soils test/analysis must be carried out in accordance with the *Alberta Private Sewage Systems Standard of Practice 2022 (or subsequent update)*.
- (4) All on-site private sewage treatment systems, including the holding tank and field or lagoons/ponds, must be located entirely within the legal property boundaries of the dwelling or building the system is associated with.
- (5) All required distances the private sewage treatment system must be setback from the various attributes and property lines of the site shall be as per stipulated in the *Alberta Private Sewage Systems Standard of Practice 2022 (or subsequent standard update)*.
- (6) Residential developments are required to have an on-site private sewage treatment system (i.e., septic field, mound) and sewage holding pump-out tanks may only be considered at the discretion of the Development Authority in unique circumstances (e.g., topography or soils does not support it) and where no other reasonable alternative is available.
- (7) For non-residential developments where the volume of daily waste produced is considered low, and in the opinion of the Development Authority, either a sewage treatment system (i.e., septic field, mound) is not necessary or soil or water table conditions are such that no other reasonable alternative is available, the Development Authority may allow the use of a sewage holding pump-out tank at its discretion.
- (8) Where an area structure plan or conceptual design scheme approved by the municipality has indicated the type of private sewage treatment system to be provided for the development, the

developer shall be required to provide the type of system referenced in the plan and adhere to any specific soil or system installation recommendations or requirements.

- (9) The Development Authority may, as a condition on a development permit for a dwelling or building that requires a private septic sewage system, require that the applicant be responsible for having the private septic sewage system installed to meet all provincial regulations or standards including the *Alberta Private Sewage Systems Standard of Practice 2022 (or subsequent standard update)*.

COMMUNAL TREATMENT SYSTEMS

- (10) For multi-lot, clustered or grouped country residential developments, Lethbridge County may consider as an acceptable method to treat sewage effluent. In determining the suitability of allowing such systems, the municipality may take into consideration:
- (a) the type of system proposed and the technology involved in the treatment;
 - (b) the engineering specifications and documented operating record of such systems;
 - (c) if Alberta Environment would approve the system;
 - (d) the projected life cycle of such a system;
 - (e) the annual maintenance and operating costs;
 - (f) the required monitoring and reporting of the system and what level of certification of the operator is required;
 - (g) the proposed access, fencing, and security of the infrastructure associated with the treatment system;
 - (h) the location of the system and its associated infrastructure or disposal area and the proximity to adjacent or nearby land uses;
 - (i) if a setback waiver request is needed in relation to any nearby or proposed residences determined to be located within the provincially regulated 300 metres (984 ft.) setback requirement of the *Municipal Government Act Matters Relating to Subdivision and Development Regulations*;
 - (j) if the parcel the system is to be located on is to be designated as a PUL to the dedication of Lethbridge County;
 - (k) comments or recommendations from the Regional Health Authority, Alberta Environment, and any other government or referral agency;
 - (l) any other matter Lethbridge County deems relevant to the proposal and consideration of approval of the treatment system.
- (11) At its sole discretion and prerogative, Lethbridge County may accept or may refuse to approve or accept any communal sewage treatment system.
- (12) The costs related to the preparation of an engineering report and application to be submitted to Lethbridge County, in support of a setback waiver request in relation to the provincially regulated 300 metres (984 ft.) setback requirement to a communal sewage treatment system, shall be borne entirely by the developer, unless otherwise agreed to by Lethbridge County.

- (13) If approving a communal sewage treatment system, Lethbridge County may at the time of subdivision or development, require the developer to enter into a development agreement with the municipality for the construction and installation of the system necessary to serve the subdivision or development at the applicant's expense.

MUNICIPAL TREATMENT SYSTEMS

- (12) If a development is proposing to install, extend, or connect to a municipal sewage treatment system, Lethbridge County may consider approval of such requests at its own discretion. An applicant proposing this method will be requested to obtain written authorization from the County consenting to such prior to a subdivision or development permit application being deemed complete, unless this has been specified in other agreements with the municipality.

POTABLE WATER

- (13) All subdivisions shall have a potable water supply suitable to Lethbridge County and Alberta Environment and Protected Areas.
- (14) The Subdivision Authority may refuse to approve an application for subdivision, or the Development Authority may refuse to approve an application for a development, if the proposed source of water is deemed to be not acceptable or cannot be verified.

35. WATER ACT REQUIREMENTS

The provincial *Water Act* came into force in January 1999. It is the intent of the provincial government to eventually adopt Water Management Plans (WMPs) for all water basins in Alberta. Until such time these plans are prepared and put into practice in accordance with provincial guidelines, Lethbridge County shall meet the legislative requirements of section 23 of the *Water Act* regarding subdivision and development by applying the following policies:

- (1) Prior to the preparation of a water management plan (WMP), Lethbridge County shall require that a certified water report be prepared for any application for subdivision approval or a proposed land use redesignation which proposes to create six or more parcels of land in a quarter section where the water is not being provided by a licensed or municipal source.
- (2) All certified reports shall be prepared in accordance with the *Report Requirements under Section 23 of the Water Act for Subdivision Development* as produced by Alberta Environment, September 1999.
- (3) The certified report shall be forwarded to the Regional Director for the *Water Act* for interpretation, evaluation and comment.
- (4) All costs associated with the preparation, evaluation, interpretation and/or distribution of the said report shall be borne by the registered owner or the agent authorized to act on behalf of the registered owner.
- (5) At its sole discretion, Lethbridge County may charge additional fees to ensure that any certified report is referred to the appropriate authorities for evaluation and interpretation pursuant to section 61 of the *Municipal Government Act*.

- (6) Upon the preparation and subsequent adoption of a water management plan within Lethbridge County, these policies shall be reviewed, re-evaluated and modified if necessary.

36. STORM WATER MANAGEMENT

- (1) The Subdivision Authority or Development Authority may require the applicant of a development or subdivision to provide at their expense, a storm water drainage management plan prepared by a licensed professional engineer as part of the information requirements in considering an application or as a condition of approval.
- (2) As a condition of a subdivision or development application approval, the Subdivision Authority or Development Authority may impose any of the requirements outlined in Part 1, Section 20 and 28(2) and section 26 of this Part.
- (3) All storm water drainage management plans submitted to the municipality must be prepared to the satisfaction of Lethbridge County in accordance with Alberta Environment and Sustainable Resource Development's *Stormwater Management Guidelines* and *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, *Lethbridge County Storm Water Management Master Plans*, or other required municipal standards or policies as directed by the County.
- (4) When Alberta Environment and Protected Areas approval is required for a storm water drainage management plan, the applicant is responsible for obtaining the necessary approval and filing a copy of the approval or refusal with the municipality once the application decision has been issued by the provincial department.
- (5) The Development Authority may require the applicant of a development to provide at their expense, a lot grading or finished elevation plan prepared by an Alberta Land Surveyor, professional engineer or architect as part of the information requirements in considering an application or as a condition of approval.

37. DEVELOPMENT OF LANDS SUBJECT TO SUBSIDENCE OR FLOODING

- (1) If, in the opinion of the Subdivision or Development Authority, land upon which development is proposed is subject to subsidence or flooding, the relevant Approval Authority may require the applicant to submit a structural building plan prepared and sealed by a qualified professional engineer, and/or a slope stability analysis, and/or geotechnical report, and/or flood mapping prepared by a qualified professional engineer demonstrating that any potential hazards can be mitigated.
- (2) Development requiring a development permit must be set back a minimum of at least 20 metres (65.6 ft.) from the boundary of a naturally occurring watercourse unless an engineering study, as required by Sections 38(1) or (6) is provided.

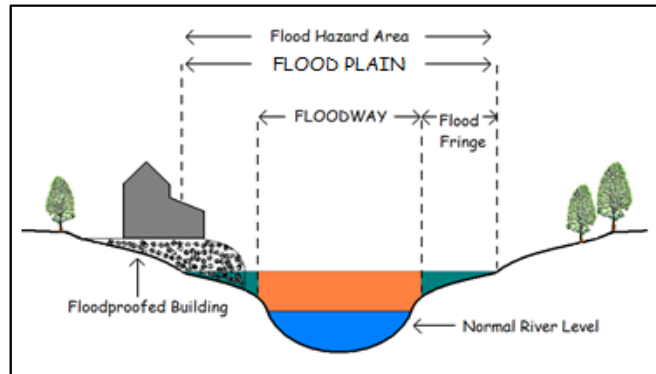


DIAGRAM 4.8

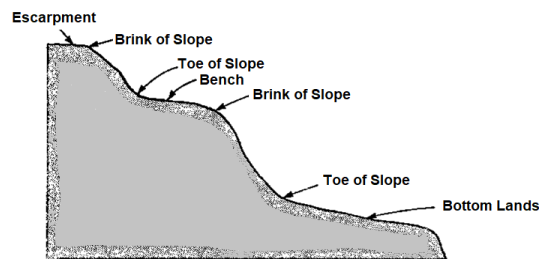
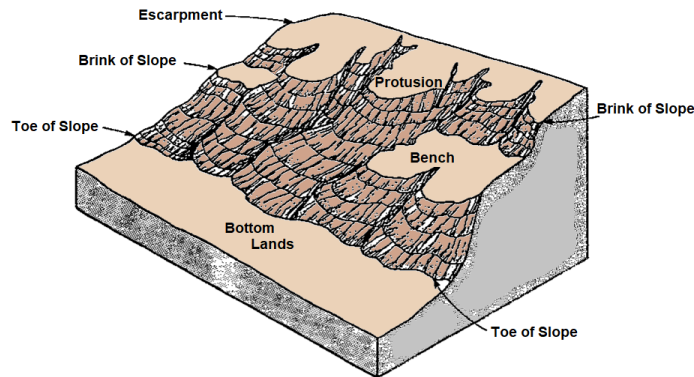
- (3) New development within the flood hazard area (consisting of both the floodway and flood fringe) shall be strongly discouraged; however, should the Subdivision or Development Authority consider it appropriate, a development may be allowed in the flood fringe area subject to the following requirements:
 - (a) development shall be restricted to non-residential buildings or structures that can be adequately protected to minimize potential flood damage, and
 - (b) the first floor and mechanical and electrical installations within any structures or buildings shall be a minimum of 0.5 metres (1.6 ft.) above the 1:100 year flood elevation level, and
 - (c) the lowest elevation of any unprotected opening shall not be less than 0.5 metres (1.64 ft.) above the 1:100 year flood elevation.
- (4) Buildings shall have no “finished” floor space developed below the 1:100 year flood elevation. This includes a crawl space under a dwelling.
- (5) The applicant must provide information on the grade elevations of the proposed building site, the building, as well as the building openings and mechanical or electrical equipment all referenced in geodetic elevations.
- (6) Before a development permit is issued, the Development Authority may require that the applicant provide a certificate containing the seal and signature of a Professional Engineer of The Association of Professional Engineers and Geoscientist of Alberta (APEGA) or Architect indicating that the requirements listed above have been met and that the building or structure is adequately protected against flood damage to the 1:100 year flood elevation.
- (7) The Subdivision or Development Authority may consult with Alberta Environment and Protected Areas or other appropriate organization or individual to assist in determining high-water marks, flood hazard/risk area, banks and the level of a lake, dam, river or other waterway taking into account 1:100 water levels, wind set-up and wave run-up.
- (8) If an existing parcel is contained within a 1:100 year flood plain, in whole or in part, so that the parcel has no developable area, any residential building or principal building on that parcel must satisfy the provisions of Section 38(4).

- (9) Where flood plain/slope information is not available, but the Development Authority believes that lands may be subject to flooding, the Authority may require that development requiring a development permit be set back such distance as the Authority considers reasonable and appropriate to minimize the risk of flooding.
- (10) The Subdivision or Development Authority may refuse to approve an application for subdivision or development if it is of the opinion that the parcel or development will be located within the 1:100 year flood plain or flood hazard area, or if it cannot be clearly demonstrated to the satisfaction of the approval authority that the parcel will not be subject to flooding.
- (11) Land areas identified as permanent wetlands or have wetland status as identified by Alberta Environment and Protected Areas are considered generally unsuitable for the majority of developments and may be denied a development permit at the discretion of the Development Authority.
- (12) The Subdivision Authority and the Development Authority shall also take into consideration the findings, recommendations and policies of any municipally approved storm water drainage plans, *Lethbridge County Storm Water Management Master Plans*, or other required municipal standards or policies relating to storm water or drainage.

38. DEVELOPMENT SITING FOR COULEE / STEEP SLOPE AREAS

- (1) For any proposed subdivision or development on sites with known or verified slopes of 15 percent or greater, the Subdivision or Development Authority shall require that an applicant submit a professionally prepared geotechnical analysis.
- (2) The Subdivision or Development Authority may at its discretion, exempt an applicant from the requirements of Section 39(1), if the land is to be used for agricultural, grazing, or resource extraction purposes and no buildings are being proposed to be located on the land.
- (3) The Subdivision or Development Authority may, at its discretion, require that an applicant submit a professionally prepared geotechnical analysis for any proposed subdivision or development on sites adjacent to coulee or river valley brinks of slope, or with slopes of less than 15 percent, if it is of the opinion it is warranted.
- (4) For the purposes of this section, “top of the bank” is as determined by the Subdivision or Development Authority in consultation with Alberta Environment and Protected Areas or a qualified professional of The Association of Professional Engineers, Geologists, and Geophysicists of Alberta (APEGA).
- (5) Based on the “*Interim Guidelines for Subdivision of Land Adjacent to Steep Valley Banks*” by Alberta Environmental Protection, it is recommended that the lot developable area setback from the crest of the slope be determined by the slope or grade of the coulee. At a minimum, the slope or grade should be calculated by a professional geotechnical engineer so that the dwelling and permanent building required setback formula can be applied (see Topographical Features Diagram below):

- (6) Notwithstanding a use may be a permitted use or discretionary use, the Development Authority may require a greater setback than is prescribed in Section 38(5) above if the Development Authority deems it is warranted.



TOPOGRAPHICAL FEATURES

DIAGRAM 4.9

39. HAZARD LANDS

- (1) The Subdivision Authority may refuse to approve an application for subdivision or the Development Authority may refuse to approve an application for a development if the proposed development is located in potential hazard land areas (e.g. floodplains, steep or unstable slopes, permanent wetlands) or on other areas where hazard lands are identified, such as coal mining areas, gas wells, abandoned wells, or former industrial lands, unless the relevant approval authority is satisfied the subdivision development can proceed safely.
- (2) Prior to making a decision on a subdivision or development application, the Subdivision or Development Authority may:

- (a) request that a professionally prepared geotechnical analysis, be submitted at the applicant's expense;
- (b) circulate the application proposal and corresponding geotechnical report to any relevant government departments for comment; and
- (c) depending on the nature of the hazard, request that an Environmental Impact Assessment (EIA) as prepared by a qualified professional be submitted at the applicant's expense.

40. RIVER VALLEYS AND SHORELANDS

- (1) Before approving any application to locate or expand a land use in or adjacent to a river valley or shoreland area which requires a land use bylaw waiver, the Development Authority shall refer such an application to any local, regional, provincial or federal government agency that, in its opinion, has an interest in land use management.
- (2) No application to locate or expand a land use in or adjacent to a river valley or shoreland area shall be approved unless, in the opinion of the Development Authority, the proposal will not:
 - (a) be located in a flood prone area; and
 - (b) cause soil erosion or damage to a river bank; and
 - (c) cause deterioration of water quality; and
 - (d) hinder the flow of water to the river; and
 - (e) compromise aesthetic quality or natural amenities; and
 - (f) be detrimental to area of ecologically sensitive habitat or of historic or scenic importance; and
 - (g) have a detrimental effect on adjoining or nearby agricultural operations if the proposed development is for a non-agricultural use; and
 - (h) have a detrimental effect on existing or proposed recreation areas; and
 - (i) have a detrimental effect on existing or proposed irrigation canals or water diversion structures.
- (3) Notwithstanding section 40(2), a resource extraction and gravel pit operation may be granted an approval to operate or expand in or adjacent to a river valley or shoreland area if an engineering study has been completed that illustrates the use will not be detrimental or can be managed in such manner it will not compromise the matters identified in section 40(2), and the Development Authority in its discretion accepts the findings of the report.
- (4) Where a proposed development is flood protected and is granted permission to locate within the flood fringe area of the 1:100 year flood plain of any watercourse, the Development Authority may request the developer to provide any of the following requirements prior to the issuance of a development permit:
 - (a) the registration of a Save Harmless Agreement against the title indemnifying the municipality in case of a subsequent flood causing damage to the development;

- (b) the provision of an appropriate private sewage disposal system to the satisfaction of the appropriate health authority and the *Safety Codes Act*;
- (c) a certificate from a qualified Alberta Land Surveyor stating the top of the footings of any proposed development will be at or above the 1:100 flood plain level and proof of such elevation;
- (d) an assurance that any proposed setback requirements as established by Alberta Environment and Protected Areas or other government department are met or exceeded.
- (e) The standards and requirements of above sections 36 to 39 of Part 4, General Land Use Provisions, Standards of Development must also be considered and may be applicable.
- (f) Notwithstanding that a use may be a permitted or discretionary use in a land use district, a proposed development containing building or structures to be located in the known floodway portion of the flood hazard area shall not be issued a development permit by the Development Authority.

41. SETBACKS FROM SOUR GAS FACILITIES

- (1) A residence, rural public facility or country residential subdivision shall be set back such distance from a sour gas facility as the Subdivision or Development Authority considers reasonable and appropriate, having regard to:
 - (a) the comments of the Alberta Energy Regulator (AER) and the owner of the sour gas facility; and
 - (b) the minimum separation distances contained in the districts of this bylaw.
- (2) The Development Authority shall solicit and consider the comments of the Alberta Energy Regulator (AER) and the owner of the sour gas facility if a development application:
 - (a) proposes to locate a residence or a rural public facility within 100 metres (328 ft.) of a level 1 sour gas facility, unless the facility is a pipeline;
 - (b) proposes to locate a residence within 100 metres (328 ft.) of a level 2 sour gas facility;
 - (c) proposes to locate a rural public facility within 500 metres (1,640 ft.) of a level 2 sour gas facility;
 - (d) proposes to locate a residence within 100 metres (328 ft.) of a level 3 or 4 sour gas facility;
 - (e) would result in unrestricted country development, namely, more than eight dwellings per quarter section within 500 metres (1,640 ft.) of a level 3 or a level 4 sour gas facility; or
 - (f) proposes to locate a rural public facility within 1.5 kilometres (0.9 miles) of a level 3 or a level 4 sour gas facility.

42. SETBACKS FROM ABANDONED WELLS

The Subdivision and Development Regulation (Alberta Regulation 160/2012) requires municipalities to ensure that applicants include abandoned well information from the Alberta Energy Regulator (AER) in applications for both subdivisions and development permits. Lethbridge County shall meet

the legislative requirements of Alberta Regulation 160/2012 regarding subdivision and development by applying the following policies:

- (1) It is the responsibility of the applicant of the proposed subdivision and/or development to take measures to identify any abandoned wells within that property and to apply the required setback.
- (2) The Subdivision or Development Authority shall not deem a subdivision or development permit application complete until the applicant has provided the required abandoned well information from the AER.
- (3) The applicant shall be required to provide the following information:
 - (a) the AER information, including a map of the search area from the viewer and a statement that there are no wells in the project area or a list and map identifying the location of abandoned wells within the search area (including the surface coordinates, as provided by the viewer or AER Information Services); and
 - (b) if an abandoned well is present, a detailed site plan must be provided that accurately illustrates the actual well location (i.e., latitude, longitude) on the subject parcel as identified in the field and the setback established in the AER Directive 079 [a minimum 5 metre (16.4 ft.) radius around the well] in relation to existing or proposed building sites.
- (4) If there is an abandoned well located in the area of the proposed surface development, the applicant is advised to contact the well licensee of record for any additional information that may be needed or to physically locate the well, and to discuss the proposed development and abandoned well issue in more detail.
- (5) Notwithstanding a use may be a permitted use or discretionary use, surface structures on top of an abandoned well are not permitted and a minimum 5 metre (16.4 ft.) setback radius around the well shall be maintained.

43. ENVIRONMENTALLY SIGNIFICANT AREAS (ESAs) / SENSITIVE LANDS

- (1) Either prior to making a decision on a subdivision or development application or as a condition of approval, the Subdivision or Development Authority may require an applicant/developer to provide further studies by qualified professionals identifying the important aspects of land known or suspected to be environmentally significant.
 - (a) The Subdivision or Development Authority may consider the Cottonwood Report: *Environmentally Significant Areas in the Oldman River Region, County of Lethbridge* or other provincial information resources to determine the location of environmentally significant areas or features which may be required to be addressed.
 - (b) When an Environmental Impact Analysis or Assessment is required by the relevant approval authority for environmentally significant areas, the submitted report may be required to provide:
 - (i) the boundaries of ESAs delineated through more detailed field surveys;
 - (ii) a comparison of alternatives;
 - (iii) an assessment of long-term consequences; and

- (iv) the development of management plans for the land.
- (2) Notwithstanding that a use may be permitted or discretionary in the land use districts of the bylaw, the Subdivision or Development Authority may, at its discretion, either stipulate development setbacks or restrict development to identified environmentally significant or sensitive areas as a condition of subdivision or development permit approval.
- (3) A minimum 20 metre (65.6 ft.) development setback from the boundary of a water body may be required by the Subdivision or Development Authority applicable to both permitted and discretionary uses.
- (4) At the discretion of the Subdivision or Development Authority, it may apply specific setbacks or buffers to a specific land use activity if its impacts have been assessed by an Environmental Impact Assessment.

44. MINIMUM SETBACK REQUIREMENTS FROM RAILWAYS

At the discretion of the Subdivision or Development Authority, the following setbacks may be applied to subdivision or development applications adjacent to a CPR right-of-way where it is determined it is necessary or prudent to do so:

RESIDENTIAL

- (1) A residential or country residential subdivision should not be approved, unless the parcel size is sufficient to allow the dwelling to be setback a minimum of 75 metres (246 ft.) of the CPR property line.
- (2) Except for in designated hamlets, a development application for a new residential dwelling on a previously undeveloped parcel should not be approved if the structure is located within 75 metres (246 ft.) of the CPR property line.
- (3) Should a 75 metre (246 ft.) separation from the CPR property line not be achievable, the Development Authority may allow a dwelling no closer than 30 metres (98.4 ft.), subject to a berm being erected on the property, parallel to the railway right-of-way, with construction according to the following specifications: berm minimum height to be 2.5 metres (8.2 ft.) and side slopes not steeper than 2.5 to 1.
- (4) An unoccupied accessory building, such as a garage, storage shed, etc., may be permitted closer than 30 metres (98.4 ft.), with the applicable districts' minimum side yard setbacks to apply.
- (5) The Development Authority, at its discretion, may allow a pre-existing dwelling within the 75 metre (246 ft.) distance to be repaired or rebuilt, if the structure has been damaged by flood or fire and is to be placed on the original permanent foundation.
- (6) In a designated hamlet, a development application for a new residential dwelling to be located within 75 metres (246 ft.) of the CPR property line may be approved at the discretion of the Development Authority, subject to the owner entering into and signing an indemnity or Save Harmless Agreement with Lethbridge County, that shall be registered on the land title by caveat prior to the development permit being issued.

COMMERCIAL AND NON-INDUSTRIAL

- (7) A commercial development not serviced by rail and/or non-industrial (excluding residential) use should be setback from the track centre line a minimum distance of:
- (a) 4.57 metres (15 ft.) for a non-main track,
 - (b) 15.24 metres (50 ft.) for a main track with a speed more than 65 km per hour (40 mph),
 - (c) 12.19 metres (40 ft.) for a main track with a speed of 65 km per hour (40 mph) or less.

CONDITIONS OF APPROVAL

- (8) As a condition of approval, the Development Authority, at its discretion, may place other conditions on a development permit including the requirement that the developer install a chain link fence along the common property line of the railway, address drainage issues, or other such matters it considers necessary.

45. CANAMEX FREEWAY DEVELOPMENT AND SITING REQUIREMENTS

The approval of non-agricultural land uses shall be in consideration of the County's policy objectives to efficiently manage growth, and in consideration of the provinces mandate to protect the Provincial Highway Network as a safe and efficient transportation corridor. Parcels and land uses impacted by or in close proximity of the officially gazetted Canamex Freeway (Designated Future Alignment) should respect the Lethbridge County Municipal Development Plan, the *County of Lethbridge and Town of Coaldale Integrated Development Strategy* approved for the Highway 3 corridor, and the *Lethbridge County Industrial-Commercial Land Use Strategy* and have regard for the location of the Canamex Freeway. Enhanced setbacks, access restrictions, clustering land use concepts, servicing and storm water management plans, must be taken into consideration. To address this, the following standards and siting criteria may be applied:

- (1) For parcels adjacent to Highway 3 or in proximity to the area identified for the Canamex Freeway corridor, additional setbacks to those stipulated in any land use district may be applied between proposed developments and the Canamex Freeway Designated Future Alignment in accordance with the recommendations and requirements of Alberta Transportation and Economic Corridors, or in accordance with an area structure plan or design scheme approved for the lands. Where no area structure plan or design scheme is applicable, the designated setbacks may be applied by the Development Authority in consideration of subsection (7).
- (2) Any redesignation application, area structure plan or design scheme prepared for lands impacted by or in close proximity of the Canamex Freeway shall take into consideration and address to the satisfaction of Council:
 - (a) the recommendations and issues identified in the *Integrated Development Strategy* report, as endorsed by Lethbridge County and Town of Coaldale, as it applies to the Highway 3 corridor area; or,
 - (b) for other areas adjacent to the Canamex, demonstration of how the proposed plan and design aligns and is compatible with the transportation network and overall land use and growth management strategies of Lethbridge County.

- (3) Special setbacks to the Canamex Freeway boundary may be applied in accordance with an approved area structure plan in consideration of the *Integrated Development Strategy* and the *Industrial-Commercial Land Use Strategy*.
- (4) The Development Authority may in regard to a development permit approval, or the Subdivision Authority in regard to a subdivision application approval, impose any reasonable conditions it determines necessary to ensure either appropriate setbacks are met and the future integrity of the Canamex Freeway system is not compromised.
- (5) Grouped County Residential or other uses deemed not to be compatible with the *Lethbridge County Industrial-Commercial Land Use Strategy* should not be approved for redesignation within 1.6 km (1-mile) of the proposed interchange areas of the Canamex. In circumstances where a non-compatible use already exists within the defined area and may have potential to expand or further develop, any land use proposal will be reviewed on the basis of its own individual merit and circumstances.
- (6) The Development Authority may consider the approval of drainage plans which propose to incorporate innovative or new technologically advanced drainage systems as part of the management plan in consideration of the *Integrated Development Strategy* report, as endorsed by Lethbridge County and Town of Coaldale, as it applies to the Highway 3 corridor area.
- (7) For situations where a development proposal is identified to be impacted by the Canamex Freeway, and notwithstanding that a use or building may be listed as a permitted or discretionary use in a land use district, the Development Authority may place specific setback conditions on a permit approval to locate the use, building, structure or improvement elsewhere on the quarter section or parcel outside the proposed freeway take area of the Designated Future Alignment.
- (8) In consultation with Alberta Transportation and Economic Corridors, the Development Authority may approve a development permit for a permitted use, building, structure or improvement even though it that may result in it being located within the identified Canamex Freeway area:
 - (a) if it is determined there is no other reasonable or suitable location on the parcel to accommodate the development, and all other aspects and standards of the bylaw are able to be met; or
 - (b) if the proposed buildings, structures or improvements are to be located within an existing parcel or yard where utilities and infrastructure already exist and it would be unreasonable or an undue hardship on the landowner to relocate the existing utilities and infrastructure; and the conditions or requirements of Alberta Transportation and Economic Corridors have been addressed.
- (9) Notwithstanding that the Development Authority for Lethbridge County may approve a development permit by the municipality, any such approval is contingent on the landowner/developer obtaining the necessary permit for development from Alberta Transportation and Economic Corridors subject to the *Highways Development and Protection Act and Regulation*.

Subdivision Criteria and Canamex

- (10) For the subdivision of lands impacted by or in close proximity of the Canamex Freeway, the Subdivision Authority shall review the proposal in the context of present County policy and determine if the application conforms or does not conform to the regular subdivision criteria, with consideration for the following:
- (a) If a parcel would not be eligible for subdivision consideration, regardless if the Canamex Freeway was to impact the title or parcel of land or not, then the County Subdivision Authority may refuse to approve the proposed subdivision.
 - (b) For an isolated parcel or country residential subdivision with existing improvements that meets other subdivision criteria of the bylaw and may be eligible for subdivision, any concerns or requirements from Alberta Transportation will be taken into consideration in making a decision on the application.
 - (c) For proposed industrial, commercial, or grouped country residential uses the subdivision shall be considered in accordance with the applicable land use designation and if it complies to any area structure plan, conceptual design scheme, statutory plan, or growth strategy plan approved for the affected lands and any applicable Canamex requirements, standards or policies.
 - (d) For a proposed vacant or bareland parcel that meets other subdivision criteria of the bylaw and may be eligible for subdivision consideration, the County will consult with the applicant to see if a more appropriate area of land could be subdivided so that there would be no or less potential impact to the Canamex. A vacant parcel subdivision application submitted for a proposal that may impact the integrity of the Canamex may be denied if it is determined, at the discretion of the municipality, that the landowner has a more suitable area could be subdivided that would have less potential impact.

46. WETLANDS

Alberta's Wetland Policy provides strategic direction required to make informed management decisions in the long term to minimize the loss and degradation of wetlands, while allowing for continued growth and economic development in the province. The goal of the Alberta Wetland Policy is to conserve, restore, protect and manage Alberta's wetlands to sustain the benefits they provide to the environment, society and economy. Municipalities must make land use decisions, and consideration of subdivision and development decisions in respect of the provincial policies.

(1) Applicability

The land use regulations and provisions in this section apply to the use and development of all land and buildings in all land use districts.

- (a) Applicants/developers must follow the Alberta Wetland Assessment and Impact Report Directive whenever an activity is proposed that will impact a wetland.
- (b) Where applicable, all development proponents are to submit wetland-related *Water Act* and *Public Lands Act* applications in accordance with the Alberta Wetland Policy.

- (c) The Development Authority may require the developer to retain all or portions of naturally occurring wetlands where the Development Authority determines that the development may be done in a manner that avoids, minimizes, or mitigates the impacts to the wetlands.
- (d) The applicant/developer is solely responsible for adhering to all relevant provincial and federal legislation and regulations including the Water Act, R.S.A. 2000, c. W-3, and the Alberta Wetland Policy.
- (e) Land areas identified as permanent wetlands or have wetland status as identified by Alberta Environment and Protected Areas are considered generally unsuitable for the majority of developments and may be denied a development permit at the discretion of the Development Authority.

(2) Process

- (a) Where an activity is proposed that will impact a wetland, and prior to receiving an Area Structure Plan or redesignation of land approval, the developer shall consult with Alberta Environment and Protected Areas to determine whether the Crown intends to claim the wetlands on the site in accordance with the provisions of the *Public Lands Act, R.S.A. 2000, c. P-40*. Crown claimed wetlands shall be retained in accordance with the directions from Alberta Environment and Parks.
- (b) Where practical to retain wetlands, the Development Authority may not approve development that disturbs a wetland. Where it can be demonstrated to the satisfaction of the Development Authority that it is not practical to avoid impacting a wetland, for example, due to inherent site constraints or the requirements for the proper functioning of a wetland, the Development Authority may approve development that disturbs a wetland with conditions designed to mitigate the impact of the development on the wetland.
- (c) The developer is solely responsible for any costs associated with retaining a Qualified Wetland Science Practitioner (QWSP) to prepare a Wetland Report, or for wetlands that will be impacted by the proposed development, the developer shall submit a Wetland Mitigation Report as prepared by a Qualified Professional (QP) who is registered with the province as a wetland specialist.
- (d) The onus is on the developer to ensure compliance with all applicable regulatory documents.

(3) Standards and Setbacks

- (a) For those wetlands to be retained, the developer shall provide a strip of land, not less than 6 metres in width, abutting the bed and shore.
- (b) Minimum building setbacks beyond the 6 metre (20 ft.) buffer of a naturally occurring wetland shall be proposed through a Wetland Report as submitted by the developer and approved by the Development Authority.
- (c) The 6 metres or more in width of land to be provided may be dedicated at the time of subdivision as Environmental Reserve (ER) if the municipality determines it is necessary.



PART 5

USE SPECIFIC LAND USE PROVISIONS

PART 5

USE SPECIFIC LAND USE PROVISIONS

A. STANDARDS OF DEVELOPMENT

The standards in this Part establish additional requirements for specific uses, buildings or structures. The General Development Standards in Part 4 and the requirements of the applicable land use district shall also apply unless otherwise stated.

1. ABATTOIRS

- (1) The abattoir must not be located closer than 304.80 metres (1,000 ft.) to any adjacent residential dwelling.
- (2) All abattoir facilities must have a designated loading area in accordance with the bylaw standards (see Part 4, Standards of Development).
- (3) Applications for abattoirs shall be referred to Alberta Health Services and the provincial Regulatory Services Division of the Meat Inspection Branch for comment prior to a decision being made by the Development Authority.
- (4) The applicant shall be responsible for compliance with the Alberta Health Standards and Guidelines and the Alberta Building Code requirements.
- (5) The facility and all processing must be able to comply with the *Alberta Meat Inspection Act and Regulations* or the *Canada Meat Inspection Act and Regulations*.
- (6) The abattoir must be a licensed Federal abattoir or a Provincial abattoir that is inspected by the Regulatory Services Division of the Meat Inspection Branch of the province of Alberta.

2. ACCESSORY BUILDINGS, STRUCTURES AND USES

- (1) No accessory building, structure or use shall be allowed on a lot without an approved principal structure or use, unless the applicable land use district otherwise authorizes. An exception to this requirement may be considered for personal workshop buildings in accordance with Part 5, Section 29, Personal Workshop and Storage (non-commercial), where such accessory buildings may be allowed on vacant parcels at the discretion of the Development Authority.
- (2) Accessory buildings, structures and uses that are not specifically included within a development permit require a separate development permit application.
- (3) Any accessory building, structure or use standard as specifically stipulated in a land use district shall apply unless otherwise relaxed or varied by the Development Authority.

- (4) Specific accessory buildings, structures and uses that may be exempt from the requirement of obtaining a development permit is specified in Part 2, Development Not Requiring a Development Permit.

3. AIRPORT AREA RESTRICTIONS

PURPOSE

- (1) The purpose of this section is to protect lands adjacent to the Lethbridge Airport (YQL) from the impact of air travel.

APPLICATION

- (2) Restrictions contained in this section apply to all lands and land use districts shown in the boundary of the Airport Protection Area on Map 1 of this section. The Airport Protection Area is also illustrated on Map 4 in Part 10, Land Use Districts maps.

DEFINITIONS

- (3) In this section:

Airport means the Lethbridge Airport.

Airport Protection Area means the Airport Protection Area shown on Map 1 of this section.

Airport Runway means the area of land within the airport that is used or intended to be used for the take-off and landing of aircraft.

C, followed by a number where it appears in one of the NEP Area columns in Table 1 opposite a particular land use, means that the land use is permitted subject to the conditions set out in Table 1.

Department means the Director of the Planning Branch in the Planning Services Division of Alberta Municipal Affairs.

Land Use Bylaw means the Land Use Bylaw for Lethbridge County.

Municipality means Lethbridge County in the Province of Alberta.

NA, where it appears in one of the NEP columns in Table 1 opposite a particular land use, means that the land use is not allowed and prohibited in that NEP Area.

NEP Contour means a numbered contour as shown on Map 1 in this section.

NEP 25- Area means the NEP Area that lies between the 25 NEP Contour and the boundary of the Airport Protection Area.

NEP 25-30 Area means the NEP Area that lies between the 25 NEP Contour and the 30 NEP Contour.

NEP 30-35 Area means the NEP Area that lies between the 30 NEP Contour and the 35 NEP Contour.

NEP 35-40 Area means the NEP Area that lies between the 35 NEP Contour and the 40 NEP Contour.

NEP 40+ Area means the NEP Area enclosed by the 40 NEP Contour.

Noise Exposure Projection Area or NEP Area means an area of land shown on Map 1 of this section that:

- (a) is enclosed by the 40 NEP Contour;
- (b) lies between 2 NEP Contours; or
- (c) lies between the 25 NEP Contour and the boundary of the Airport Protection Area; as shown on Map 1 of this section.

P, where it appears in one of the NEP columns in Table 1 opposite a particular land use, means that the land use in that NEP Area is permitted, but subject to other sections of the Land Use Bylaw.

Residential Replacement or Infilling Unit means any new residential development that:

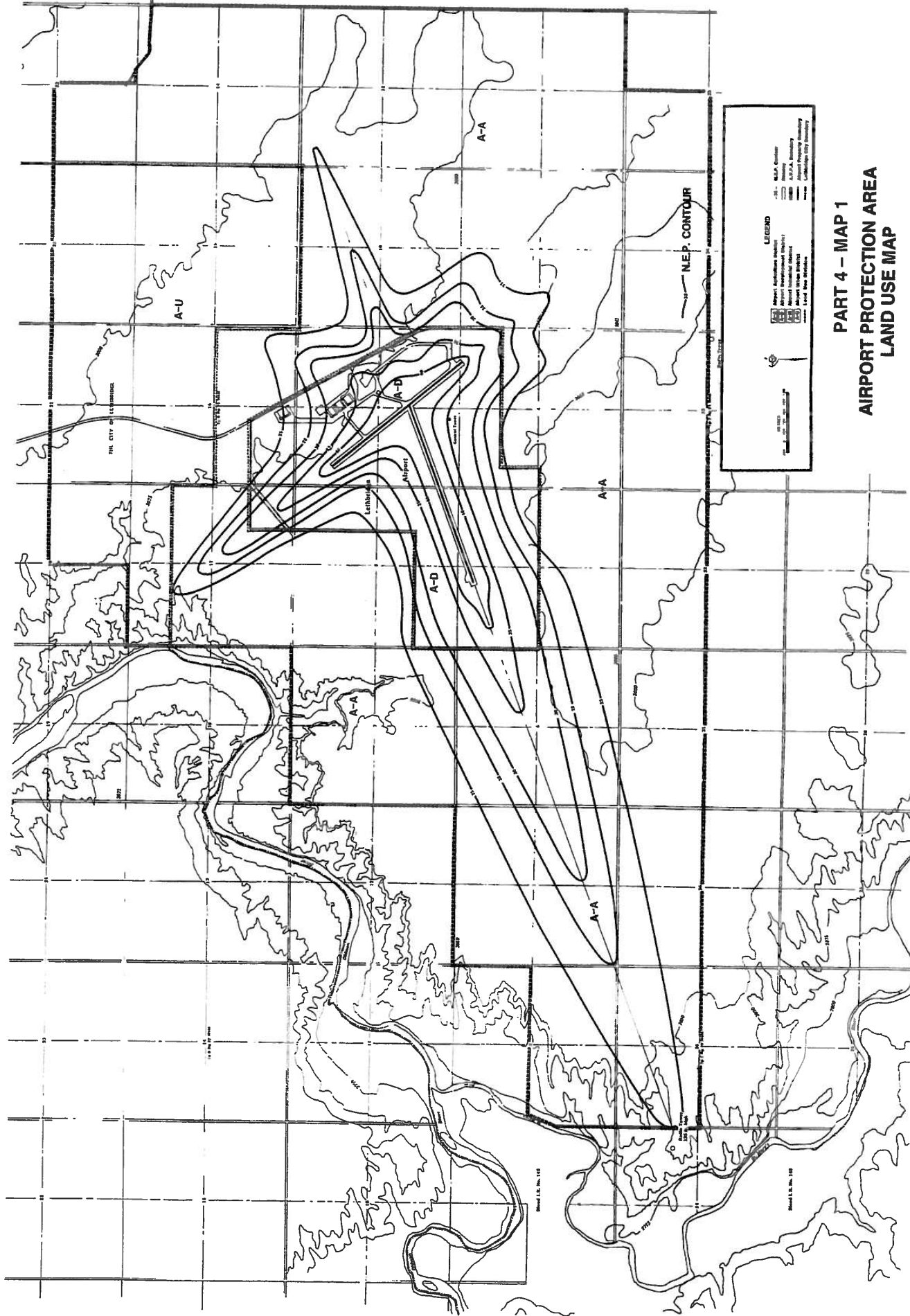
- (a) will replace a residential development that has been demolished or destroyed; or
- (b) is to be built on a lot that is:
 - (i) registered under the *Land Titles Act*, and
 - (ii) designated for residential development,in this bylaw.

GENERAL

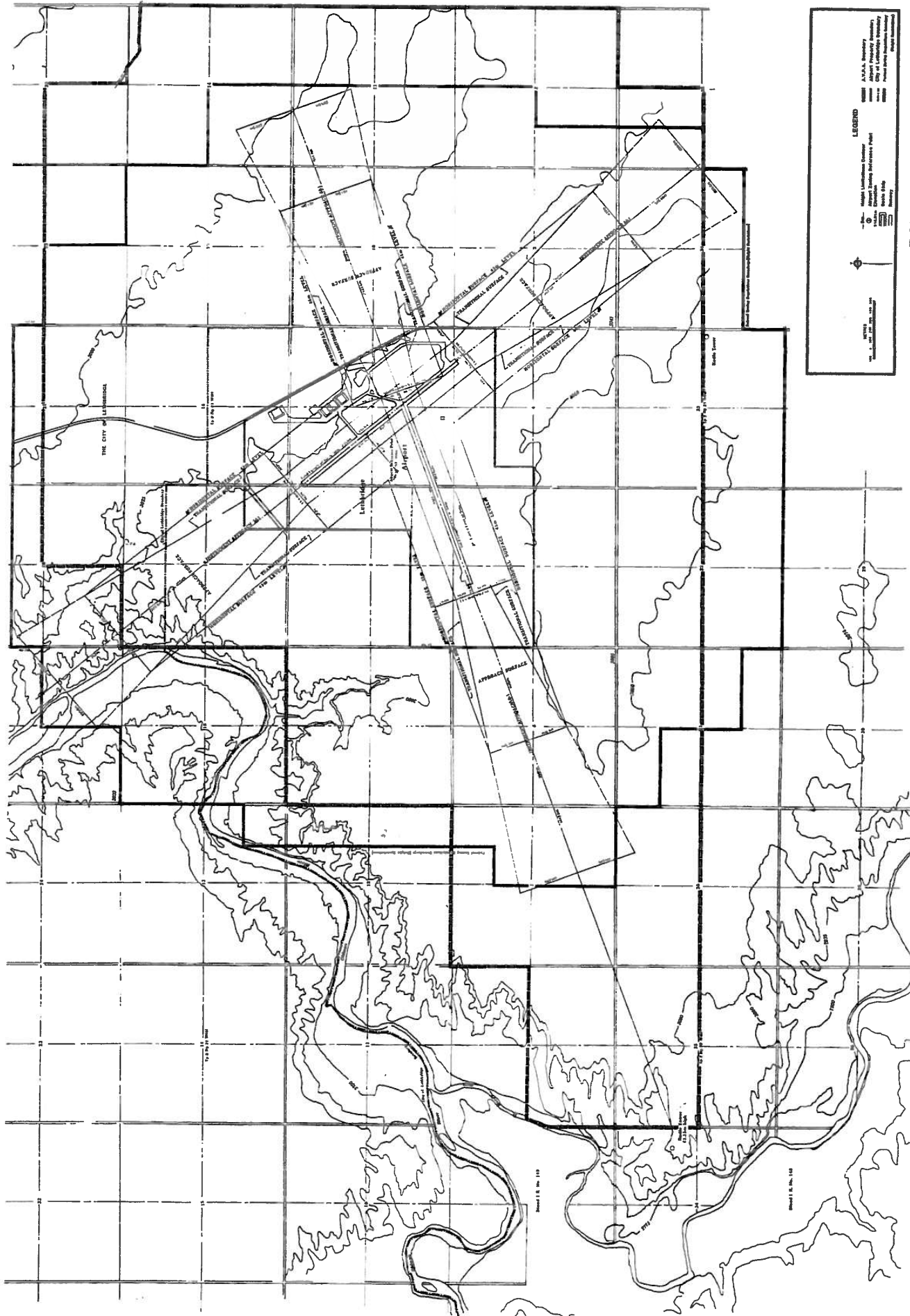
- (4) All development within the Airport Protection Area requires a development permit except for those uses in Part 2 - Development Not Requiring a Permit.
- (5) The Development Authority and Subdivision and Development Appeal Board are not precluded by this section from attaching any other conditions in accordance with the land use bylaw to a development permit.

LAND USE

- (6) The Airport Protection Area is divided into the following districts:
 - (a) the Airport Clear District, designated A-D; and
 - (b) the Airport Agricultural District, designated A-A as shown on Map 1 in this section.
- (7) The Development Authority or Subdivision and Development Appeal Board may issue a development permit without any conditions under these restrictions for any application that involves a use that is designated "P" in Table 1 of this section and meets other requirements and uses of the land use bylaw.
- (8) The Development Authority or Subdivision and Development Appeal Board may issue a development permit for an application that involves a conditional use or a similar use in accordance with Table 1 of this section only if the appropriate condition specified is prescribed as a condition of the development permit.



PART 4 - MAP 1
AIRPORT PROTECTION AREA
LAND USE MAP



**PART 4 - MAP 2
AIRPORT PROTECTION AREA
HEIGHT LIMITATIONS MAP**

(9) The Development Authority or Subdivision and Development Appeal Board shall not issue a development permit for an application for development if that use is designated “NA” within Table 1 of this section, or if the use is similar in the opinion of the Development Authority or Subdivision and Development Appeal Board to a prohibited use, or involves a use that is not listed in Table 1.

(10) A use listed in Table 1 includes accessory uses and buildings unless otherwise noted.

HEIGHT LIMITATIONS

(11) A development permit shall only be issued for a development within the Airport Protection Area if that development does not exceed the maximum elevation identified on Map 2 of this section or on the certificate of title for the land on which the development will be located.

**TABLE 1
LAND USE IN RELATION TO NOISE EXPOSURE PROJECTION AREAS**

Airport Clear District (A-D)

LAND USES: Land uses within this district shall be in accordance with Transport Canada’s zoning criteria.

Airport Agricultural District (A-A)

LAND USES	NOISE EXPOSURE PROJECTION AREAS				
	NEP 25- Area	NEP 25-30 Area	NEP 30-35 Area	NEP 35-40 Area	NEP 40+ Area
Airport and Related Facilities	P	P	P	P	P
Agricultural Machinery Sales and Service	P	P	C1	C1	C1
Agricultural Sales and Service	P	P	C1	C1	C1
Bulk Fertilizer	P	NA	NA	NA	NA
Church and Manse	P	C1	C1	NA	NA
LAND USES	NOISE EXPOSURE PROJECTION AREAS				
	NEP 25- Area	NEP 25-30 Area	NEP 30-35 Area	NEP 35-40 Area	NEP 40+ Area
Community Centre	P	C1	C1	NA	NA
Contractor’s Business	P	P	C1	C1	C1
Extensive Recreational Uses	P	P	P	P	NA
Farms (extensive agriculture)	P	P	P	P	P
Fur Farm	P	NA	NA	NA	NA
Gravel and Sand Pit	P	P	NA	NA	NA

Grain Elevators	P	P	P	P	P
Home Occupation	P	C1	C1	C1	C1
Kennel	P	P	C1,C2	NA	NA
Manufacture of Asphalt	P	P	NA	NA	NA
Market Gardening	P	P	P	P	NA
Minor Light Industrial Facility	P	P	C1	C1	C1
Minor Recreational Facility	P	P	C1	C1	C1
Manufactured home (non-farm)	P	NA	NA	NA	NA
Park	P	P	P	C3	C3
Public Incinerator	P	NA	NA	NA	NA
Public and Quasi-Public Buildings and Uses	P	C1	C1	NA	NA
Radio, Television and Other Communication Tower	P	P	P	P	P
Ready Mix Concrete Pit	P	P	NA	NA	NA
Residential Replacement or Infilling Unit	P	C1	C1	C1	NA
Riding Stable	P	P	P	C3	NA
Sanitary Landfill	NA	NA	NA	NA	NA
School	P	C1	NA	NA	NA
Seed Cleaning Plant	P	P	NA	NA	NA
Sewage Treatment Plant or Lagoon	P	C2	C2	NA	NA
Single-Detached Dwelling (non-farm)	P	C1	NA	NA	NA
Sod Farm	P	P	P	P	NA
Veterinary Clinic	P	P	C1,C2	NA	NA
Water Reservoir and Treatment Plant	P	C2	C2	NA	NA

LAND USE CONDITIONS:

- C1** Construction shall conform to the exterior acoustic insulation requirements of the *Alberta Safety Standards Act* or subsequent legislation for those NEP Areas other than the NEP 25 - Area unless otherwise stated in this section. Where this condition is specified, the Development Authority shall indicate on the development permit between which noise contours the proposed development site would be located for reference of the building inspector at the time of the building permit application.
- C2** The development shall be covered completely.
- C3** The development shall not include structures for the seating of spectators except as varied to allow for seating of a minor nature as specified in the condition.
- NA** Land use not allowed - Where NA appears in one of the NEP columns in Table 1 opposite a particular land use, means that the land use is not allowed and is prohibited in that NEP Area.

- P** Land use permitted - Where P appears in one of the NEP columns in Table 1 opposite a particular land use, means that the land use in that NEP Area is permitted, but subject to other sections of the land use bylaw.

4. ALTERNATIVE ENERGY

See Part 7 – Alternative / Renewable Energy Developments

5. ANHYDROUS AMMONIA STORAGE FACILITY

For a development application for a bulk anhydrous ammonia storage facility or a residential dwelling in proximity to an existing bulk ammonia storage facility the Development Authority:

- (a) shall consider the location of neighbouring residential uses and apply the “Guidelines for the Location of Stationary Bulk Ammonia Facilities” prepared by Alberta Environment before making a decision on a development application concerning a bulk ammonia storage facility; and
- (b) in all instances, a development application for a residential dwelling shall not be approved if it is located within 500 metres (1,640 ft.) of an established Anhydrous Ammonia bulk storage facility.

6. AUTOMOTIVE REPAIR / DETAIL / PAINT SHOPS

- (1) Automotive repair shops shall not be located within 50 metres (164 ft.) of the boundary of any property in a residential or grouped country residential land use district. This distance may be relaxed if the parcel of land on which the automotive repair shop is located is within a hamlet and is designated as Hamlet Commercial or Hamlet Industrial land use.
- (2) Automotive detail and paint shops uses are not permitted within 75 metres (246 ft.) of the boundary of any property in a residential or grouped country residential land use district, or within 100 metres (328 ft.) from an existing residential dwelling, whichever distance is greater. This distance may be relaxed if the use is for automotive detail only and it is not associated with a paint shop.
- (3) All operations associated with automotive repair, detail or paint shop uses shall be contained within a completely enclosed building except where outdoor storage is expressly permitted.
- (4) Where exterior storage is permitted, such storage shall not be located in the front yard and shall be screened from view from any road or lane in accordance with Part 4, Section 25. Wherever possible, outdoor storage should not back onto or face an adjacent residential yard. The Development Authority may place conditions on a development permit approval to require screening in accordance with Part 4, Section 25.
- (5) The applicant shall be responsible for compliance with Alberta Environment and Protected Areas regulations and guidelines for containing, storing and disposing of paint or fluids.
- (6) For any business that is involved in selling, repairing, or salvaging automotive vehicles, the applicant shall be responsible for compliance with the Alberta Motor Vehicles Industry Council (AMVIC) licensing requirements. The Development Authority shall require the applicant obtains

the AMVIC license as a condition of a development permit or municipal business license being issued.

- (7) For an individual or business involved in auto automotive vehicle sales only (including lease consignment), a development permit approval will be required if transactions correspond to the licensing requirements of the Alberta Motor Vehicles Industry Council (AMVIC). The Development Authority shall require the applicant obtains the AMVIC license as a condition of a development permit or municipal business license being issued.

7. AUTO WRECKAGE / SALVAGE OR WRECKING YARDS

- (1) The site shall be situated a minimum distance of 500 metres (1,640 ft.) from any adjacent residence.
- (2) The site shall not be located on good quality agricultural land unless the maximum area for storage is 16.19 hectares (40 acres) or less, or the land is located in an area with an approved area structure plan and designated for such use.
- (3) The storage site must be fenced by a type approved by the Development Authority to a minimum height of 2.44 metres (8 ft.). At a minimum, the storage yard must be fenced on the side fronting a public roadway and may be required to be fenced on other sides and at a specified distance, at the discretion of the Development Authority.
- (4) All vehicles and machinery must be stored within the enclosure and maintenance of the site should be in accordance with the standards deemed necessary for the use of the site in an acceptable fashion at the discretion of the Development Authority.

8. BATCH PLANTS / CONCRETE OR ASPHALT

- (1) The Development Authority shall solicit and consider the comments of Alberta Environment and Protected Areas and Alberta Health Services before making a decision on a development application concerning a batch concrete or asphalt plant.
- (2) The building or working area used for processing/mixing aggregate shall not be located closer than 300 metres (984 ft.) to a residential dwelling, the separation distance being measured from the edge of the dwelling to the nearest edge of the planned working area of the sand and gravel extraction operation.
- (3) The Development Authority may require that the developer enter into a Road Use Management or Road Use Maintenance Agreement with the County in order control traffic on county roads and manage dust control and/or maintenance issues.
- (4) The applicant shall be responsible for obtaining an approval and complying with Alberta Environment and Protected Areas regulations and guidelines.
- (5) The Development Authority may require verification of a secure and suitable water supply, as required for the type of development, in consideration of a permit approval.
- (6) For other batch plants – see Part 5, Section 30 (Resource Extraction) (Gravel and sand pits or stone quarries).

9. BED AND BREAKFAST OPERATIONS

- (1) A Bed and Breakfast operation is its' own separate defined use in this bylaw and is not considered or processed as a home occupation. To be considered a Bed and Breakfast establishment, the business must have the operator residing in the dwelling while guests are present.
- (2) A Bed and Breakfast operation shall only provide breakfast meals to registered overnight guests prepared in the common kitchen of the principal residence.
- (3) No more than eight (8) registered guests are permitted at one time.
- (4) No cooking facilities are allowed in sleeping rooms or suites.
- (5) In addition to the off-street parking requirements for the dwelling/accessory building units itself, one (1) off-street parking space per rented guest room shall be required for a Bed and Breakfast operation.
- (6) A Bed and Breakfast operation may include a maximum of one (1) supplementary building, other than an accessory building, such supplementary building being:
 - (a) an existing farm building or similar building that is proposed to be converted into temporary sleeping quarters and used in conjunction with an existing residence for a Bed and Breakfast; or
 - (b) an authorized supplementary residence.
- (7) Employees working in the business shall be limited to the residents of the dwelling unit.
- (8) Alterations to the principal building may be permitted but shall not change the principal character or external appearance of the principal building.
- (9) A development permit is based solely on the location of use. If a permit holder relocates within the municipality, the person must apply for a development permit to continue the use from the new location.
- (10) Advertising may only be permitted in compliance with Part 6, Sign Regulations.
- (11) Applications for Bed and Breakfast operations shall be referred to Alberta Health Services for comment.
- (12) A Bed and Breakfast establishment must comply to building standards set out by the Alberta Building Code and a development permit does not exempt compliance with health regulations or any other provincial and municipal requirements.
- (13) The applicant shall be responsible for compliance with the Alberta Health "Bed and Breakfast" Health Standards and Guidelines and the Alberta Building Code requirements for Bed & Breakfast accommodations.
- (14) A Bed and Breakfast operation development permit shall not be approved for a dwelling if a Tourist Home/Short Term Rental use has been approved for the same property and dwelling.

10. CAMPGROUND USES

See Part 3 – Land Use Districts and Regulations (*Rural Recreational – RR* land use district).

11. CANNABIS NURSERY, CANNABIS CULTIVATION AND CANNABIS PROCESSING

The requirements of this section apply to cannabis nursery, cannabis cultivation and cannabis processing facilities as defined by the Land Use Bylaw and are in addition to any federal regulations required by the Government of Canada.

- (1) The owner or applicant must provide, as a condition of development approval, a copy of the current license for all activities associated with a cannabis facility as issued by Health Canada.
- (2) The owner or applicant must obtain any other approval, permit, authorization, consent, or license that may be required to ensure compliance with applicable federal, provincial, or municipal legislation.
- (3) For indoor facilities, the development must be done in a manner where all processes and functions are fully enclosed within a stand-alone building including all loading stalls and docks, and garbage containers and waste material.
- (4) For outdoor cultivation facilities, the development must include security and fencing as per the Federal Regulations.
- (5) The development must include equipment designed and intended to remove odours and particles from the air where it is discharged from the building as part of the ventilation system.
- (6) The cannabis facility shall not be located on a parcel of land that is adjacent to or within 300 meters (984.26 feet) of a:
 - (a) parcel with a school
 - (b) parcel with a Day Care / Care Facility
 - (c) parcel zoned residential (i.e. HR, HMH, GCR)
 - (d) parcel designated as a Municipal Reserve or Rural Recreation
 - (e) from an adjacent residence
- (7) The separation distance to a residence or residential parcel may be relaxed or varied if the appropriate waivers have been obtained by the applicant from the affected landowners.
- (8) The separation distance shall be measured from the closest point of the cannabis facility building or other structure (i.e. fence).
- (9) The Development Authority may require, as a condition of a development permit, a public utility waste management plan, completed by a qualified professional that includes details regarding:
 - (a) The incineration of waste products and airborne emissions, including smell;
 - (b) The quantity and characteristics of liquid and waste material discharged by the facility; and

- (c) The method and location of collection and disposal of liquid waste material.

12. CANNABIS RETAIL STORES

Application Requirements

- (1) In addition to the development application requirements as stipulated in Part 1, Section 24, items (2) through (4) of the 'Administrative' part of the Land Use Bylaw, the following additional requirements for an application for a development permit for a Retail Cannabis Store must also be provided when requested by the Development Authority:
- (a) details of the proposed store location and a detailed listing and site plan of surrounding businesses and uses, both on adjacent (contiguous) parcels and those identified as sensitive sites (as outlined in Section 43(5) below) within 300 m (drawn on a high quality and clearly legible site plan with text descriptions; and
 - (b) decision the proposed days of operation hours on.

Criteria and Standards

- (2) All Retail Cannabis Stores approved for a development permit must obtain a Retail Cannabis Store license from the Alberta Gaming Liquor and Cannabis (AGLC) and failure to secure an AGLC license will make the local development permit approval null and void. Proof of provincial license (for a Retail Cannabis Store) shall be required as a condition of a development permit approval.
- (3) A Retail Cannabis Store must be a separate use from any other business activities (i.e., non-Cannabis store) unless it is an activity or use expressly authorized by the AGLC.
- (4) A Retail Cannabis Store shall not be approved for a development permit if the premises is located within a 300-metre separation distance of:
- (a) the boundary of a parcel of land on which a provincial health care facility is located; or
 - (b) the boundary of a parcel of land containing a school (public or private) facility; or
 - (c) the boundary of a parcel of land containing an approved child or daycare facility; or
 - (d) the boundary of a parcel of land that is designated as school reserve or municipal and school reserve under the *Municipal Government Act*; or
 - (e) the boundary of a parcel of land containing a municipal park or playground facility, if the land is not designated as school reserve or municipal and school reserve under the *Municipal Government Act*; or
 - (f) the boundary of the parcel of land which contains a church, community centre, library or recreation facility where persons under 18 years of age may attend or congregate.
- (5) Additionally, a Retail Cannabis Store shall not be approved for a development permit if the premises is located within the distance of (as measured wall to wall of the buildings) 100 metres of a building containing a separate Retail Cannabis Store that has been approved (in the absence of any provincial set of rules regarding how closely the standalone stores will be allowed to operate to one another, otherwise the provincial rules apply).

- (6) The specified separation distances applicable to Retail Cannabis Stores are not eligible to be varied or waived by the Development Authority, or on an appeal by the Subdivision and Development Appeal Board.
- (7) The specified separation distances are reciprocal and apply to those described sensitive uses (i.e., school, park, childcare facility, recreation facility, etc.) applying for a development permit locating in proximity of established Retail Cannabis Stores.
- (8) All signage, including the contents, must comply with the Land Use Bylaw Part 6, Sign Regulations, and municipal development permit approval is required. The applicant/developer is also responsible to ensure any signage and its message contents comply with all federal and provincial requirements, including AGLC policies.
- (9) All parking requirements shall be provided in accordance with Part 4, General Land Use Provisions, Section 30 of the bylaw, and shall be deemed to be similar to other 'retail store' uses for determining the number and size of the required parking spaces.
- (10) If an approved Retail Cannabis Store's existing AGLC license expires, the business must provide verification to the municipality that a new license has been obtained within 12 months of the expiry date, otherwise, the use will be deemed to have been discontinued and any development permit that may have been issued is no longer valid and said use may not be recommenced until a new application for a development permit has been made and a new development permit issued.
- (11) The Development Authority may, as a condition of approval on a development permit, specify a time limit on the development permit in regard to its validity, which may be considered a temporary use. At the time of expiry, the applicant/developer must reapply to the municipality for a development permit approval to continue the use.
- (12) A developer/operator of a Retail Cannabis Store is responsible for meeting and adhering to all provincial requirements for the physical security for the premises.
- (13) The design and construction of a Retail Cannabis Store must meet all provincial building code requirements.

13. CAR AND TRUCK WASHES

- (1) All washing facilities shall occur within an enclosed building with at least two bay doors.
- (2) Vacuuming facilities may be outside the building but shall not be in the front yard and shall not be closer than 15.24 metres (50 ft.) from the boundary of any residential land use district.
- (3) The building surfaces shall be faced with masonry, porcelainized steel, baked enamel steel or other material equal in durability and appearance.
- (4) The building shall be located a minimum of 30.48 metres (100 ft.) from the boundary of any residential land use district.
- (5) All off-street parking areas shall be hard-surfaced and dust-free.

- (6) Any lights used to illuminate the area shall be directed away from adjacent residential properties.
- (7) A permanent screening fence or wall not less than 1.83 metres (6 ft.) in height shall be constructed along any site property line which abuts a residential land use district.
- (8) For parking and stacking requirements, refer to Part 4 – General Land Use Provisions.
- (9) As part of the complete development permit application requirements for a car or truck wash use, the Development Authority may ask the applicant to provide verification, to the satisfaction of the Development Authority, that there is a secure water source sufficient to service the development.
- (10) A development permit approval for a car or truck wash may be denied, if in the opinion of the Development Authority, there is not a sufficient water source to service the development.
- (11) Lagoons or private sewage septic treatment systems may not be used for handling the grey water resulting from the washing of vehicles if the proposed system is determined to be not suitable by the Development Authority. As a condition of a development permit approval, the Development Authority:
 - (i) may require the proposed grey water system to be engineered by a qualified professional with a technical report submitted to the satisfaction of the municipality and deemed acceptable; or,
 - (ii) may require the proposed development to be connect to municipal sewage services, if available, at the applicant’s expense.
- (12) In the Rural Agriculture land use district, the Development Authority may exempt the requirements of any sections of 11 (2) through (8) if it determines they are not applicable based upon location considerations.

14. COMMERCIAL RECREATION USES

See Part 3 – Land Use Districts and Regulations (*Rural Recreational – RR* land use district).

15. CRYPTOCURRENCY (BITCOIN) MINING

- (1) Cryptocurrency (bitcoin) mining activities, including as an ancillary use to other development, are required to apply for a development permit from the municipality. If the capacity of the plant is less than 10 MW, municipal approval is required, while 10 MW or greater AUC approval is also required in conjunction with a municipal approval.
- (2) An operator of a power plant must apply for AUC approval under Section 11 of the Hydro and Electric Energy Act, or demonstrate an exemption applies under Section 13 of the Hydro and Electric Energy Act and Rule 007: Applications for Power Plans, Substations, Transmission Lines, Industrial System Designations and Hydro Developments.
- (3) Information to be provided to the development officer includes, but not limited to, details on the type of system, building or structure being used, cooling system proposed, projected noise levels, noise abatement plans, source of electricity, land and topographic conditions, and details

on vegetation on the site and within 150 metres of the development with it being illustrated on a professionally prepared site plan, fire response plan, and public road and access available to the site.

- (4) The Development Authority shall only approve a cryptocurrency (bitcoin) mine if it is satisfied there are no adverse effects on the environment, potential for fire hazard, and no neighbours are adversely affected.

16. DAY CARE/CHILD CARE FACILITIES

All day care facilities may be approved subject to the following conditions and requirements:

- (1) If determined necessary by the Development Authority, the applicant for a day or child care facility may be required to meet and consult with all adjacent land owners in the vicinity of where the use is proposed.
- (2) In any residential district, no exterior alterations shall be undertaken to a dwelling or former dwelling which would be inconsistent with the residential character of the building or property.
- (3) Signage for day/child care facilities must comply with the following:
 - (a) a maximum of one sign;
 - (b) sign must be no greater than 0.74 m² (8 sq. ft.) in size; and
 - (c) sign must be located in the building's window in a residential land use district.
 - (d) In a residential land use district a request for more than one sign or a sign greater than 0.74 m² (8 sq. ft.) requires a separate development permit application. In a commercial or industrial land use district, one exterior building sign may be permitted in addition to a window sign.
- (4) Site lighting must be designed not to "flood or spill" into adjacent property.
- (5) The site must allow for secure storage and pick up of garbage and recycling material located away from public areas.
- (6) The use shall not generate traffic problems within the district.
- (7) The use requires a minimum of one (1) on-site pick-up and drop-off space for every 10 children/clients and the location of passenger loading zones for day care facilities may be specified by a condition of a development permit.
- (8) On-site parking is required with the provision of one (1) space per employee, in accordance with Part 4, Section 30.
- (9) On-site parking should be separated from pedestrian traffic and outdoor areas for children.
- (10) A day (child) care facility/site catering to children must have screening for any outdoor play areas to the satisfaction of the Development Authority.

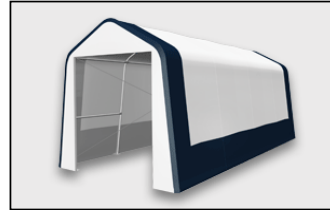
- (11) All applications for day care facilities shall, as a condition of approval, obtain the necessary approvals required from regulatory agencies. All child care facilities must be licensed and operate in accordance with the provincial *Child Care Licensing Act*.
- (12) It is highly encouraged that day (child) care facilities have some sort of secure, outdoor or active play area space available for children on the parcel, which may be stipulated as conditions on a development permit approval.
- (13) In considering the suitability of a building or site for a discretionary day care/child care use, the Development Authority may consider the appropriateness of the location for child care with regard for the proximity to required services, parks, neighbourhood characteristics, traffic issues or congestion in the neighbourhood, and if the size is adequate to meet program requirements, including outdoor space, parking, and the drop-off zone.
- (14) In considering the suitability of a building or site for a discretionary day care/child care use in a commercial or industrial land use district, the Development Authority shall:
 - (a) only approve a permit for the day/child care facility if it is located within or operated by an existing business within an industrial park;
 - (b) consider the compatibility of adjacent land uses, as the Development Authority may refuse to approve an application if the development would be located adjacent to or in the proximity of hazardous or noxious industry; and
 - (c) require an emergency response/evacuation plan for the day/child care facility to be prepared and submitted to the satisfaction of the Development Authority.

17. DAY HOME

- (1) The operation of a day home does not require a development permit - see Part 2 Development Not requiring a Development Permit.
- (2) A day home shall have no more than six (6) clients a day.
- (3) A day home shall not be located within a dwelling containing another Home Occupation.
- (4) Signage for day home facilities must comply with the following:
 - (a) a maximum of one sign;
 - (b) sign must be no greater than 0.74 m² (8 sq. ft.) in size; and
 - (c) sign must be located in the buildings window.
- (5) Notwithstanding that a development permit may not be required; all day homes must comply with provincial requirements and regulations.

18. FABRIC BUILDINGS / COVERED STORAGE STRUCTURES

Fabric buildings or covered storage structures which meet the definition of this bylaw are to be considered as permanent buildings or structures and must meet the required setbacks, maximum height, maximum site coverage and other applicable standards of the bylaw. Development permit applications involving fabric buildings shall be considered with regard to the following:



- (1) Permit applications will be processed in accordance with the use proposed, which must meet or be similar to the applicable land use district permitted or discretionary uses listed.
- (2) For certain uses, such as agricultural, Part 2, Development Not Requiring a Development Permit, may be applicable, provided the required setbacks and other applicable standards of the bylaw are met.
- (3) Fabric buildings which do not meet the definition of this bylaw, or are associated with uses which are prohibited in the bylaw, are deemed to be prohibited uses.
- (4) Fabric building / storage accessory building or structures are not to be located:
 - (a) in the front or side yard in any hamlet residential land use district, and
 - (b) shall not be located in the front yard within all other districts.
- (5) A fabric storage accessory building or structure shall not be located within the required setback from a public road or on an easement.
- (6) A fabric storage accessory building or structure shall be setback a minimum 1.22 metres (4 ft.) from the principal dwelling and from all other structures on the same lot.
- (7) All buildings or structures must be securely tethered and anchored to the ground in accordance with provincial Safety Code requirements. Additionally, all fabric covers must be securely tethered to the structures' frame.
- (8) As a condition of a development permit approval, the Development Authority may stipulate specific requirements for the type of fastening or tie-down system and fabric material colour to be applied to the accessory building or structure.

19. GROUP CARE OR GROUP HOME FACILITY

- (1) The applicant is required as part of the development permit application, to provide information on the following:
 - (a) the type of client served,
 - (b) the number of clients accommodated,
 - (c) the number of staff employed, and
 - (d) the submission of a plan that describes how communication with neighbours will be carried out and how neighbourhood compatibility problems are to be resolved.

- (2) All **group home** facilities that may be approved are subject to the following conditions and requirements:
- (a) The applicant for a **group home** facility shall be required to meet and consult with all adjacent land owners in the vicinity of where the use is proposed.
 - (b) The total occupancy by clients and staff shall be specified for each development by condition of a development permit. The total number of clients shall not exceed more than two (2) per bedroom in a residential District.
 - (c) The Development Authority may establish the maximum number of residents allowed in a group home facility on a case specific basis with attention given to the District in which the use is located and the type of facility seeking approval.
 - (d) In any residential district, no exterior alterations shall be undertaken to a dwelling or former dwelling which would be inconsistent with the residential character of the building or property.
 - (e) If the group home facility is operating within a single-detached dwelling the dwelling must be located on a street with a rear lane and is not permitted to be located within cul-de-sacs or lane-less streets.
 - (f) The use of accessory buildings, structures or uses not associated with the principal residential dwelling are not permitted on the property.
 - (g) Site lighting must be designed not to “flood or spill” into adjacent property.
 - (h) The site must allow for secure storage and pick up of garbage and recycling material located away from public areas.
 - (i) The use shall not generate traffic problems within the district.
 - (j) On-site parking is required with the provision of two (2) spaces per each dwelling unit plus one (1) space per employee, in accordance with Part 4, Section 30, subsections 6 -10.
 - (k) Signage for group home facilities must comply with the following:
 - (i) a maximum of one sign,
 - (ii) sign must be no greater than 0.74 m² (8 sq. ft.) in size, and
 - (iii) sign must be located in the buildings window.
 - (l) All applications for group home facilities shall, as a condition of approval, obtain the necessary approvals required from regulatory agencies and the group home shall comply with provincial standards.
- (3) All **group care** facilities that may be approved are subject to the following conditions and requirements:
- (a) The applicant is required as part of the development permit application, to provide information as stipulated in section 17(1) above.
 - (b) Site lighting must be designed not to “flood or spill” into adjacent property.
 - (c) The site must allow for secure storage and pick up of garbage and recycling material located away from public areas.

- (d) The use shall not generate traffic problems within the district.
- (e) On-site parking is required in accordance with Part 4, Section 30.
- (f) Signage for group care facilities shall be in accordance with Part 6, Sign Regulations.
- (g) All applications for group care facilities shall, as a condition of approval, obtain the necessary approvals required from regulatory agencies and the group home shall comply with provincial standards.
- (h) As a condition of a development permit approval, the Development Authority may stipulate specific requirements for the development as listed in Part 4, General Land Use Provisions.

20. HAY PLANT / STORAGE BUILDINGS OR STRUCTURES

- (1) A hay plant shall require a development permit from the municipality. In addition to the permit requirement, the building or structure:
 - (a) shall meet all the applicable setbacks of the land use district within which it is located; and
 - (b) must be located no closer than 200 metres (656 ft.) to an adjacent boundary of an urban municipality or designated grouped country residential land use district; and
 - (c) shall contain a dugout or fire pond on site with water available that is readily accessible for fire suppression purposes, with the pond being provided at a size and location as stipulated by the County.

21. HAZARDOUS INDUSTRIES

Hazardous industries are those uses as defined in Part 9, Definitions, and typically include uses that may be detrimental to public health, safety or welfare beyond the boundaries of the site or parcel upon which it is situated. For such uses, the following shall apply:

REFERRALS

- (1) The Development Authority shall solicit and consider the comments of Alberta Environment and Protected Areas and Alberta Health Services before making a decision on a development application concerning a hazardous industry.
- (2) The Development Authority shall solicit and consider the comments of an urban municipality before making a decision on a development application which proposes to establish or enlarge a hazardous industry within the boundary or referral area policies in an Intermunicipal Development Plan.
- (3) Prior to a decision being made on a hazardous industry, the Development Authority may hold a public meeting in order to solicit the views of the public in regard to the application.

GENERAL LOCATION

- (4) The Development Authority may require that a hazardous industry shall be located in a designated industrial land use district and specified area, in accordance with the Municipal Development Plan.

- (5) Unless otherwise authorized in the bylaw, development of hazardous or noxious uses shall be discouraged:
- (a) within a designated hamlet;
 - (b) within the boundary of an Intermunicipal Development Plan where the plan policies do not allow for such consideration;
 - (c) less than 0.8 km (½ mile) from an existing or approved residence;
 - (d) less than 0.8 km (½ mile) from an existing or approved grouped country residential development;
 - (e) less than 1.6 km (1 mile) from a provincial, regional or municipal park or recreation area;
 - (f) less than 0.8 km (½ mile) from either side of a designated highway, unless the parcels is redesignated specifically to accommodate the use, conforms to the policy directions of the Municipal Development Plan, or is provided for in an area structure plan approved by Alberta Transportation;
 - (g) within such distance of other roads as designated scenic, tourist or recreational access roads as established in a municipal bylaw;
 - (h) adjacent to water bodies; or
 - (i) adjacent to an environmentally sensitive or regionally significant area;
- unless the Development Authority or Subdivision Authority is satisfied that suitable measures and high operational standards will be undertaken and maintained to minimize any nuisance, hazard or noxious effect on vicinity land uses, and it is therefore reasonable and appropriate to approve the use.
- (6) Unless a use deemed to be hazardous or noxious is specifically listed as a permitted or discretionary use in the land use district, such applications shall require a redesignation to the appropriate industrial land use district prior to the Development Authority making a decision on these types of development permits.

22. HOME OCCUPATIONS

- (1) An approved home occupation shall be valid only for the period of time the property is occupied by the applicant / owner or resident lease holder for the approved use. The business or occupation must be one that is primarily carried out by the owner or lease holder of the residence and not a third party, as the applicant must currently reside in the residential dwelling.
- (2) An application for a home occupation shall only be considered by the Development Authority upon an application endorsed or filed by the registered owner of the property.
- (3) No permit shall be issued if, in the opinion of the Development Authority, the home occupation would undermine the liveability standards of the residential use of the property or any adjacent properties or not be compatible with the agricultural character of the area on rural parcels.

- (4) No permit shall be issued if the parcel does not have a habitable residence, power, on-site potable water supply, a sewage disposal system, and legal and physical access to a municipal all-weather road.
- (5) No advertising shall be permitted on the property except for a window sign and up to one indirectly illuminated sign of 0.37 m² (4 sq. ft.) in Hamlets and 1.48 m² (16 sq. ft.) in all other districts, to be placed against the building or fence. Larger signage may be permitted, if, in the opinion of the Development Authority, the signage does not interfere with the residential or agricultural character of the area.
- (6) The number of on-premises non-resident employees allowed shall be as outlined in the Home Occupation category. – see Section (10) of this part. The number of mobile employees conducting associated work activity off premises of a home occupation shall be taken into consideration and allowed at the discretion of the Development Authority. This may be limited as a condition of a development permit.
- (7) Home occupations may be approved subject to the following criteria and conditions:
 - (a) The use shall not involve the display of goods upon the premises; however, goods may be stored subject to the approval of a Home Occupation 3 by the Development Authority provided the storage of such shall not be exposed to the public view and shall not involve a change in the appearance of the residence or its accessory buildings.
 - (b) No variation from the external appearance and residential character of land or building shall be permitted.
 - (c) A home occupation use is considered the secondary use of a residence or ancillary building to a residence, for an occupation, trade, profession, craft or small scale retail business which must not change the character of the area and does not show significant evidence of such secondary use. Any use which appears more commercial in nature or is on a larger scale may be directed to locate within an appropriate commercial, business light industrial, or industrial land use district.
 - (d) The use shall not generate traffic problems within the district.
 - (e) Consideration shall be given to the potential for a home occupation to impact adjacent uses due to noise, vibration, smoke dust or odours. No offensive noise, vibration, smoke, dust, odours, heat, or glare should be produced by the use.
 - (f) The Development Authority may limit the number of home occupation permits issued to operate per residence if it is of the opinion an additional home occupation may negatively impact the neighbours or area.
 - (g) In a hamlet, a Home Occupation 2 or 3 cannot be issued if a Bed & Breakfast or Tourist Home/Short-term Rental accommodation has been approved for the property.
 - (h) Day homes, for the care of up to six children, are defined as its own use and does not require a development permit as outlined in Part 2.
 - (i) The number of employees, including mobile employees conducting associated work activity off premises of a home occupation, may be limited by the Development Authority and placed as a condition of a development permit. For mobile employees, the Development

Authority shall consider if the employees need to visit the subject home occupation parcel (e.g., pick up vehicles, trailers, supplies etc., to perform work off-site) and how many employee trips per day or week this may entail.

- (8) If at any time, in the opinion of the Development Authority, the conditions of a Home Occupation Permit have not been complied with, the Development Authority may issue a stop order, pursuant to section 645 of the *Municipal Government Act*.
- (9) The following information must be provided when applying for a Home Occupation Permit:
- (a) proof of ownership and residency;
 - (b) description of business;
 - (c) materials, equipment and/or vehicles that will be used for the Home Occupation;
 - (d) number of resident and non-resident employees on the premises;
 - (e) number of business/clients visits per day;
 - (f) number of parking spaces on the property;
 - (g) projected commercial vehicle traffic volumes related to deliveries or shipping products;
 - (h) materials or information on what type of business activity will be conducted and if it includes processing, assembly, or manufacturing; and
 - (i) type of signage for the Home Occupation.
- (10) Based on the information provided in the application, the Development Authority shall determine what level of Home Occupation Permit is applicable for the operation using the chart below. If a specific Home Occupation level is not listed as a permitted or discretionary use in the applicable land use district the proposal is located within, then a development permit shall not be issued.

	Home Occupation 1	Home Occupation 2	Home Occupation 3
Non-Resident Employees (on premises)	None	Up to 2	Up to 6
Commercial Vehicles and/or Trailers	None	Up to 2	Up to 5
Outside Storage	None	At Development Authority's discretion	At Development Authority's discretion
Parking Stalls	One if there are client visits	One per employee plus one for customers	One per employees, plus one for customers
Client visits	Limited daily or weekly business-related visits	Limited daily or weekly business-related visits	Limited daily or weekly business-related visits

- (11) The Development Authority, in its discretion, may limit the number of client business-related visits to a premise on a daily or weekly basis for a Home Occupation 1, 2, or 3. A Home Occupation 1 should have less daily or weekly client visits than what a Home Occupation 2 or 3 would typically be allowed.
- (12) The days and hours of operation may be defined and limited by the Development Authority to minimize impacts on surrounding residential uses.
- (13) A Home Occupation 3 may be considered by the Development Authority in relation to the size and proportionate scale of the use relative to the residential building and property, and agricultural activities or accessory buildings related to the home occupation may not be subject to the same criteria pertinent to a typical application for a home occupation.
- (14) If, in the opinion of the Development Authority, a Home Occupation Permit may require a detailed review after a limited period of operation to determine if it is compatible with the amenities of the neighbourhood on a more permanent basis, the Development Authority may issue a temporary permit for a defined period of time in accordance with the bylaw.
- (15) A home occupation permit does not exempt compliance with health regulations or any other municipal or provincial regulations.

23. KENNELS – KENNELING, BREEDING AND DOG TRAINING FACILITIES

Sections 21(1) through (14) below shall be applied by the Development Authority for the kennelling, boarding, training or breeding of any such use involving dogs; however, a dog agility or training facility may be exempted from any or all of the requirements in accordance with Section 21(15).

- (1) An application for a development permit must be made to the Development Authority by submitting:
 - (a) a completed development application form;
 - (b) the fee;
 - (c) a site plan indicating the legal description, all property lines and easements, fencing, and the location of existing and proposed development in relation to lot boundaries;
 - (d) a business plan with information on the number of dogs, type off facility proposed, description of how waste (feces) will be managed; and, if a breeding kennel, the type (breed), ratio of females to males, anticipated puppy litters, description of how the facility will meet the *Canadian Veterinary Medical Association Code of Practice for Canadian Kennel Operations - Edition May 2007* (or subsequent amendment);
 - (e) floor plans, elevations and sections of the kennel buildings at a minimum scale of 1:200 or such other scale as required by the Development Authority; and
 - (f) the floor plan is to illustrate the number and size of pens for the dogs in the building and any outside areas.
- (2) No buildings or exterior exercise area(s) to be used to accommodate dogs shall be allowed within 304.80 metres (1,000 ft.) of any dwelling located on adjacent parcels and a diagram

indicating the distances shall be submitted with the development permit application. A reciprocal setback from existing kennels shall be applied to all new dwellings.

- (3) All dog facilities, including buildings and exterior exercise areas, shall be located to the rear of the principal building and shall be constructed to the following standards:
 - (a) interior walls and ceilings shall be constructed of washable building material;
 - (b) exterior walls should be fire-resistant and impervious to moisture;
 - (c) doors, window frames and window sashes should be impervious to moisture and rodent resistant;
 - (d) insulation shall be required, taking into consideration the breed, age and overall health of the dogs; and
 - (e) all facilities must have adequate ventilation, heating and light.
- (4) The Development Authority may, when issuing a development permit, determine the maximum number of adult dogs that may be kept at any one time by the operator of a private or commercial kennel.
- (5) All pens, rooms, exercise runs, and holding stalls shall be soundproofed if deemed necessary by the Development Authority which shall base its decision on the number of animals to be kept at the kennel, the proximity of the kennel to other uses and/or other kennels, and possibility that the noise from the kennel may adversely affect the amenities of the area.
- (6) In addition to soundproofing requirements, the times at which the animals are allowed outdoors may be regulated. In particular, all dogs at a kennel, including pups, may be required to be kept indoors between the hours of 10:00 p.m. and 7:00 a.m.
- (7) All kennel facilities shall be screened by both a visual and sound barrier, by fences and/or landscaping, from existing dwellings on adjacent parcels to the satisfaction of the Development Authority.
- (8) Kenneling facilities shall be operated in accordance with health regulations and, in particular, excrement and similar waste shall be disposed of in a manner acceptable to Alberta Health Services.
- (9) All dog food stored on-site must be securely stored inside buildings and no outdoor storage is allowed.
- (10) As a condition of approval on a development permit, the Development Authority may require that pen sizes, dog runs, enclosures, whelping areas, and exercise or play areas and other facility standards are in compliance with the *Canadian Veterinary Medical Association Code of Practice for Canadian Kennel Operations - Edition May 2007 (or subsequent amendment)*.
- (11) If encountered, a dead animal should be disposed of in accordance with the most current 'Destruction and Disposal of Dead Animals Regulation'.

- (12) Permits issued for kennel development may be limited to a maximum period of three years and shall be subject to immediate revocation if the kennel is not developed or operated in accordance with the conditions of approval.
- (13) Application for a renewal of a development permit for a kennel operation shall take into consideration the following:
- (a) mandatory inspection report by a Doctor of Veterinary Medicine submitted with application;
 - (b) any previous complaints or comments from adjacent landowners;
 - (c) complaints filed to the Alberta Society for the Prevention of Cruelty to Animals (SPCA);
 - (d) compliance with the *Canadian Veterinary Medical Association Code of Practice for Canadian Kennel Operations - Edition May 2007 (or subsequent amendment)*.
- (14) As a condition of approval, the Development Authority shall require that the applicant submit an inspection report, prepared by a Doctor of Veterinary Medicine, to Lethbridge County on the anniversary date of the permit. In addition, at the discretion of the Development Authority, the applicant may be required to submit yearly inspection reports as a condition of approval.
- (15) A dog agility or training facility that does not involve the kennelling, boarding or breeding of dogs may be exempted from sections 21(2) and (5) through (14) at the discretion of the Development Authority.

24. MANUFACTURED / READY-TO-MOVE/ MOVED-IN HOME STANDARDS

ELIGIBLE HOMES

Manufactured Home 1:

- New factory-built units within the past year of application for a permit and not previously occupied. In appearance, a Manufactured Home 1 shall generally resemble conventional site-built (stick-built) constructed homes;
- current Canadian Standards Association (CSA) certified units and to meet *National Building Code – 2019 Alberta Edition (or subsequent update)*;
- this category includes modular or prefabricated homes that conform to the bylaw standards;
- the minimum roof pitch shall not be less than a 4/12 pitch;
- the minimum floor area of the principal dwelling not including attached garage shall not be less than 74.32 m² (800 sq. ft.);
- the dwelling shall be a minimum 7.32 metres (24 ft.) in width;
- must be placed on a basement foundation. If a basement is not feasible, the foundation must be permanent (e.g., continuous concrete, as timber supports or concrete block are not acceptable) and shall be as required by the Development Authority.

Manufactured Home 2:

- Used factory-built units, not constructed prior to 1985, in a state of good condition as determined by the Development Authority (note: previously referred to as mobile homes);
- Current Canadian Standards Association (CSA) certified units;
- Any application for a development permit to locate a used manufactured home shall include recent colour photographs of all elevations (i.e., front, side and rear views) including additions.
- Foundations may include continuous concrete, timber supports, or concrete block.

Ready-to-Move Homes (new):

- New stick framed (conventional) dwelling units built off-site within the past year of application for a permit and/or not previously occupied.

Moved-in Dwellings / Homes:

- Previously occupied dwellings, relocated from on parcel of land to another.
- Any application for a development permit to locate a moved-in dwelling shall include recent colour photographs of all elevations (i.e., front, side and rear views) including additions.

[Moved-in buildings (non-residential) see section 23]

APPLICATION REQUIREMENTS

- (1) Any application for a Manufactured Home 1 or Ready-to-Move shall adhere to the development permit application requirements and standards of the bylaw.
- (2) In addition to meeting the requirements of Section 24(2), any application for a development permit to locate a Manufactured Home 2, a used dwelling unit, or a moved-in dwelling:
 - (a) shall include recent colour photographs of all elevations including additions;
 - (b) may require a personal inspection by the municipality to determine the unit's suitability;
 - (c) accurate site plan for the location to which the building is to be placed or moved;
 - (d) floor plan and specifications of the structure of the building; and
 - (e) photo of the serial number plate.
 - (f) Applications for used units or moved-in dwellings may also be required to provide a certified Safety Codes officer's report indicating the condition of the home, whether it complies with provincial building codes, and what work would need to be done to enable it to meet code if it is found to be deficient.

FOUNDATIONS, BASEMENTS, AND ROOF LINES

- (3) All units shall be placed on foundations which conform to provincial building requirements and Canada Mortgage and Housing regulations.
- (4) All homes not placed on a basement shall be skirted in compatible materials and enclosed.

- (5) Any portion of a concrete block foundation above grade shall be parged unless otherwise finished with another approved material.
- (6) The maximum height of the exposed portion of a concrete block foundation shall be not more than 0.91 metres (3 ft.) above the average finished grade level of the surrounding ground.
- (7) To ensure compatibility of housing types, the variation of roof lines between manufactured, modular, ready-to-move and moved-in homes and conventional homes may be limited. Generally, the homes should not be more than 0.61 metres (2 ft.) higher or lower than an adjacent home.

ADDITIONS

- (8) Any additions, such as enclosed patios, entrance porches, carports, storage areas, additional rooms, or any other roofed structure, shall require a development permit.
- (9) All home additions shall be of a design and finish which will complement the unit.
- (10) The materials and colours used in the construction of additions shall be of a quality, style and design which will match or complement the dwelling.
- (11) Materials used shall be those commonly used for exterior finishing of residences.

CONDITIONS

- (12) As a condition of approval, the Development Authority, at their discretion, may place conditions on a development permit including stipulating exterior finish colour and type of material, new roof material, colour and type, and orientation of building on parcel.
- (13) As a condition of approval, the Development Authority, at their discretion, may place other conditions on a development permit including the requirement that the developer provide landscaping, fencing, address drainage issues, or other such matters it considers necessary if, in his or its opinion, they would serve to improve the quality or compatibility of any proposed development.
- (14) The building and the land upon which it is to be located shall be subject to all conditions and regulations specified for the particular land use district set out in the Land Use Bylaw.
- (15) The Development Authority may require a security deposit of a minimum \$5000.00 to a maximum value of up to 50 percent of the assessed value of the building to ensure the conditions of the development permit are met.
- (16) Return of the posted bond or irrevocable letter of credit is contingent on the Development Authority verifying to its satisfaction, the completion of all the conditions of this section and the development permit.
- (17) Conditions for single detached dwelling, Manufactured Home 1 shall generally correspond with typical conditions for a single-detached dwelling, site built.

SUITABILITY

- (18) Notwithstanding that a moved-in dwelling may be listed as a permitted or discretionary use in any land use district, the Development Authority may refuse to approve a permit for such a use if it is determined at the discretion of the Development Authority, the dwelling is in such a state of poor condition that it is unsuitable, unlikely to be able to be brought up to a standard to meet bylaw or safety code requirements, is incompatible with existing dwellings in the vicinity, or may negatively affect or impact neighbouring land uses.

25. MIXED-USE DEVELOPMENTS (BUILDINGS OR PARCELS OF LAND)

Mixed-use developments shall be subject to the following:

- (1) As part of the development proposal review the applicant must submit a concept plan.
- (2) To serve its purposes, the mixed-use development (residential/commercial) should be sited at the edges of a residential neighbourhood, at a collector and arterial street intersection or a collector and local street intersection, at the entrance to a neighbourhood, at the entrance to a commercial-hub area, or in conjunction with a park, school, civic use, or public space.
- (3) Open space shall constitute at least:
 - (a) 20 percent of net land area for mixed-use projects in which residential uses constitute greater than 80 percent of gross floor area; or
 - (b) 10 percent of net land area for commercial and institutional uses, and for mixed-use projects which include office, eating and entertainment, and/or retail sales and service uses that constitute 10 percent or more of gross floor area.
- (4) Parking requirements will be based on the following:
 - (a) Space for parking should be balanced between a project's mix of uses and may be developed as joint use parking areas.
 - (b) No more than 50 percent of the parking spaces required for a building or use may be supplied by parking facilities required for any other building or use.
 - (c) Flexible parking regulations based on peak parking hours may be considered by the Development authority based on the consideration of:
 - (i) providing sufficient parking, balancing the parking needs of different land use types based on hours of operation; and
 - (ii) where parking demands peak during different times of the day, parking may be shared if the Development Authority is of the opinion that there will be minimal impacts to adjacent land uses.
 - (d) Parking and vehicle driveways should be located away from building entrances and not between a building entrance and the street, except as may be allowed when a direct pedestrian connection is provided from the sidewalk to the building entrance.
 - (e) For buildings with mixed residential/commercial uses, the residential component should have the required minimum off-street parking requirements which are not shared with business uses. The additional off-street parking spaces shall be provided for the business

component in consideration of the parking standards outlined in Section (d) above and in Part 4 – General Land Use Provisions, Sections 6 – 10 (Off-street Parking Requirements).

BUILDINGS WITH RESIDENTIAL/COMMERCIAL UNITS (MIXED)

- (5) A building may be occupied by a combination of one or more of the uses listed for a district and each use shall be considered a separate use and each use shall obtain a development permit.
- (6) The Development Authority may require that each use has its own separate utility servicing lines and infrastructure provided.
- (7) The minimum size of a dwelling unit shall be 65.03 m² (700 sq. ft.).
- (8) The non-residential portion of residential/commercial units shall be limited to the permitted and discretionary uses in the appropriate land use district.
- (9) The business/commercial component of a residential/commercial unit must be a minimum of 25 percent of the Gross Floor Area.
- (10) The dwelling unit shall be part of and contiguous with the building that contains the principal commercial land use.
- (11) Separate entrances shall be provided for the commercial and residential uses. Each entrance shall have direct or indirect (via a hallway) access to a public street.
- (12) The building must be able to comply with all applicable provincial Safety Code requirements.

PARCELS WITH MIXED-USE

In addition to Sections (1) through (4) of this section, parcels of land which propose mixed-use development, either residential/commercial; or commercial with business, commercial, industrial, or institutional mixes; or industrial mixed with various industrial uses; through the development of a number of separate buildings or uses on the parcel, are also subject to the following requirements:

- (13) A building or use may be a combination of one or more of the uses listed for a district and each use shall be considered a separate use and each use shall obtain its own development permit.
- (14) Building separation setbacks are required when an abutting property or site with an existing building has windows facing to the side. In such circumstances, any new development or addition shall provide at least ten feet of separation between the existing and new building, or other separation as required or may be applicable in compliance to the provincial Safety Code.
- (15) The building must be able to comply with all applicable provincial Safety Code requirements.
- (16) Comprehensive parcel/site landscaping and storage/screening provisions may be required in consideration of Part 4 – General Land Use Provisions, Section 25 (Landscaping and Screening Requirements).
- (17) The development of the land is subject to *Lethbridge County Engineering Guidelines and Minimum Servicing Standards*, and must provide acceptable road access, storm water management, fire suppression, and utility and servicing requirements that are acceptable to the municipality.

26. MOTOCROSS TRACKS/ MOTOR SPORTS FACILITIES

The following minimum separation distances shall be required between recreational motocross tracks and land uses that would be sensitive to engine noise and dust activity:

- (1) Setbacks for **outdoor motocross/ motor sport tracks** are:
 - (a) 2.4 kilometres (1.5 miles) from schools, residences, campgrounds, hospitals, parks, playgrounds, churches and other institutions, recreational trails, shopping centres and known habitat of rare, threatened or endangered animal species;
 - (b) 1.6 kilometres (1.0 mile) from national wildlife refuges, migratory bird sanctuaries, protected natural areas designated under legislation, deer wintering areas, and industrial areas.
- (2) In deciding on an application, including establishing any conditions of approval, the Development Authority shall have regard to the potential impact on existing and proposed uses in the vicinity of the proposed site.
- (3) The Development Authority shall consider the site, natural features, and the quality of the land on which the development is proposed as such uses shall be discouraged on good quality agricultural land and in environmentally sensitive or significant areas.
- (4) Motocross or motor sport facilities may include associated accessory uses that cater to the public which may include public washrooms, food sales, parking and viewing areas, which shall be reviewed and considered at the discretion of the Development Authority on site specific basis.

27. MOVED-IN BUILDINGS (NON-RESIDENTIAL)

- (1) Before considering any application for a moved-in building, the Development Authority shall require:
 - (a) recent colour photographs of all elevations (side views) including additions;
 - (b) may require a personal inspection by the municipality to determine the unit's suitability;
 - (c) accurate site plan for the location to which the building is to be placed or moved;
 - (d) floor plan and specifications of the structure of the building;
 - (e) photo of the serial number plate, if applicable; and
 - (f) application fee as established by Council.
- (2) In deciding on an application, including establishing any conditions of approval, the Development Authority shall have regard to the potential impact on existing and proposed uses in the vicinity of the proposed site.
- (3) As a condition of approval, the Development Authority, at their discretion, may place conditions on a development permit including stipulating exterior finish colour and type of material, new roof material, colour and type, and orientation of building on parcel.

- (4) As a condition of approval, the Development Authority, at their discretion, may place other conditions on a development permit including the requirement that the developer provide landscaping, fencing, address drainage issues, or other such matters it considers necessary if, in his or its opinion, they would serve to improve the quality or compatibility of any proposed development.
- (5) The building and the land upon which it is to be located shall be subject to all conditions and regulations specified for the particular land use district set out in the Land Use Bylaw.
- (6) The Development Authority may require a security deposit of a minimum \$5000.00 to a maximum value of up to 50 percent of the assessed value of the building to ensure the conditions of the development permit are met.
- (7) Return of the posted bond or irrevocable letter of credit is contingent on the Development Authority verifying the completion of all the conditions of this section and the development permit.

28. PAINTBALL RECREATIONAL USES

- (1) Before considering any application for a paintball recreational development, the Development Authority shall require from the applicant:
 - (a) an accurate site plan for the location of the paintball recreation zone and any structures, buildings, or topography to be used as part of the use, access, setbacks to public roadways, parking areas, and any environmentally sensitive features present on the land, including the location of creeks, streams or canals;
 - (b) information on the type and proximity of adjacent land uses, including the identification of all residential dwellings located within a 1.6-kilometre (1 mile) radius;
 - (c) a narrative describing the operation, whether it is seasonal or year-round, proposed days and hours of business.
- (2) A recreational paintball operation shall not be located closer than 300 metres (984 ft.) to an adjacent residential dwelling. The separation distance being measured from the edge of the dwelling to the nearest edge of the planned active recreational paintball use area.
- (3) A recreational paintball operation shall not be permitted within 500 metres (1,640 ft.) of a multi-lot or designated grouped country residential subdivision, hamlet or urban centre. The separation distance shall be measured from the nearest property line of the multi-lot subdivision the nearest edge of the planned active recreational paintball use area.
- (4) Prior to making a decision on a development permit application for a paintball recreational development the Development Authority shall notify all landowners within a 1.6-kilometre (1 mile) radius.
- (5) If approving a development permit for a paintball recreational development, the Development Authority may place conditions on the approval limiting the business hours and days of the week the development may operate.

29. PERSONAL WORKSHOP AND STORAGE (NON-COMMERCIAL)

- (1) The following regulations shall be applied to Personal Workshop and Storage (non-commercial) uses as defined in this bylaw on vacant parcels:
 - (a) the use and buildings are considered a discretionary use and an approval shall take into consideration the suitability of the land and compatibility with adjacent land uses;
 - (b) the maximum size of buildings shall be 278.7 m² (3,000 sq. ft.) in the UF land use districts and 464.5 m² (5,000 sq. ft.) in the RA land use district;
 - (c) the use shall be for personal use only and not associated with or part of a commercial use or business; and
 - (d) setbacks shall be in accordance with the regulation of the applicable land use district.
- (2) The use and standards are applicable to vacant parcels of land only where Personal Workshop and Storage (non-commercial) is listed as a discretionary use in Part 3 – Land Use Districts and Regulations. For all other storage buildings, workshops, accessory buildings or structures on developed lots or parcels or where not listed as a separate use, the accessory buildings or structures definitions and standards and criteria of the bylaw shall apply.

30. RESOURCE EXTRACTION (GRAVEL AND SAND PITS OR STONE QUARRIES)

- (1) Both Class 1 and Class 2 pits as defined in the provincial *Code of Practice for Pits* shall require a development permit approved by the municipality to operate.
- (2) The Development Authority shall solicit and consider the comments of:
 - (a) Alberta Environment and Protected Areas; and
 - (b) any landowners within 804 metres (½-mile) of the lot proposed for a natural resource extractive use;before approving a development application for a pit or natural resource extractive use.
- (3) A sand, clay and gravel pit or a stone quarry may be considered for approval provided that:
 - (a) if it is **less than 5 hectares (12.5 acres)** in size, a reclamation plan must be provided to the satisfaction of the municipality; or
 - (b) if it is **5 hectares (12.5 acres) or greater**, a reclamation plan must be filed with Alberta Environment and Sustainable Resource Development that complies with its regulations and the recommendations of its Land Reclamation division, and a copy provided to the municipality.
- (4) Topsoil must be stockpiled and used to reclaim the worked-out site.
- (5) Pursuant to the Municipal Development Plan, pits in close proximity to recreation areas should be discouraged.
- (6) The working area (defined as the area used for excavation, stockpiling and crushing) of a sand, clay and gravel pit or a stone quarry operation shall not be located closer than 300 metres (984 ft.) to a residential dwelling, the separation distance being measured from the edge of the

dwelling to the nearest edge of the planned working area of the sand and gravel extraction operation.

- (7) Sand and gravel extraction may be permitted within 300 metres (984 ft.) of an individual residence where provision is made regarding site-specific mitigation of noise, dust, visual, traffic, lighting and other effects of the sand and gravel operation as agreed to by the resident in writing.
- (8) A commercial sand and gravel extraction operation shall not be permitted within 400 metres (1,312 ft.) of a multi-lot or grouped country residential subdivision, hamlet or urban centre. The separation distance shall be measured from the nearest property line of the multi-lot subdivision to the nearest edge of the planned working area of the sand and gravel extraction operation.
- (9) In respect of Section 27(8), a redesignation of land for residential multi-lot or grouped country residential purposes should not be permitted within 400 metres (1,312 ft.) of the boundary of the working area of the sand and gravel extraction operation.
- (10) In addition to the above requirements, the following shall be submitted with a development permit application for surface mineral excavation:
 - (a) submission of operation plans;
 - (b) details of roads, haul routes, access points and traffic volumes;
 - (c) surface access agreement with the landowner;
 - (d) location and phasing of vegetation clearance and stripping of topsoil;
 - (e) identification of areas to be left undisturbed; and
 - (f) reclamation performance guarantees in the form of security or bonds.
- (11) New surface workings should not be opened, nor should existing workings be extended if unmitigated damage may occur to nearby land having high recreation, wildlife, scientific or archaeological value.
- (12) The Development Authority shall consider the effects of visual intrusion, dust, noise, traffic, and air and water pollution and how it may impact adjacent land uses when evaluating applications for these types of development permits.
- (13) The Development Authority may require that the developer enter into a Road Use Management Agreement with the County in order control traffic on county roads and manage dust control and/or maintenance issues.
- (14) The Development Authority may place conditions on an approved development permit that pertain, but are not limited to, regulating days and hours of operation, imposing setbacks, control or mitigate dust and noise, require berming or screening, or monitor ambient air quality.
- (15) The Development Authority shall take into consideration Part 4, Section 40, River Valleys and Shorelands when deciding on development permit applications for resource extraction uses in such areas, where applicable.

- (16) The Development Authority shall take into consideration the *Cottonwood Report: Environmentally Significant Areas in the Oldman River Region* in making a decision on an application for a resource extraction use and may deem a development application to be unsuitable in accordance with that report, or may request additional information be provided by the applicant to ensure any matters outlined in Part 4, Section 40 (River Valleys and Shorelands) are addressed to the satisfaction of the Development Authority.

31 RECREATIONAL VEHICLE (RV) STORAGE

- (1) The maximum number of recreational vehicle units permitted on the site shall be as determined by the Development Authority. Generally, there should not be permitted more than 60 units per acre of land.
- (2) Storage shall be carried out as required under the Alberta Fire Code pertaining to water for fire suppression, fencing and access.
- (3) Vehicle entrances and exits, as well as internal vehicle routes shall be designed in a manner that provides a safe and clearly defined circulation pattern.
- (4) All on-site roadways shall have a durable hard surface of gravel or similar material and the same shall be drained and developed to the satisfaction of the Development Authority and the County Public Works Department.
- (5) Where on-site parking or storage is illuminated, all lighting shall be positioned in such a manner that lighting falling onto abutting properties is minimized.
- (6) Any developed portion of the site must be graded, contoured and seeded and shall provide for a satisfactory disposal of surface water by grading and drainage in such a manner that no surface water shall drain onto public roadway or other neighbouring property.
- (7) There shall be no storage of hazardous materials or goods on-site.
- (8) No day use or over-night accommodation shall be allowed on-site.
- (9) The storage of recreational vehicles shall not include storage for the salvage of, or for derelict recreational vehicles.
- (10) The recreational vehicle compound may be required to be fenced with a minimum 1.83 metres (6.0 ft) high chain link fence around the periphery of the storage area, or as otherwise required by the Development Authority.
- (11) Any proposed sanitation dump shall be in accordance with the Alberta Safety Code.
- (12) At the discretion of the Development Authority, a landscape plan may be required as part of the submission for a development permit and the plan must be prepared by a certified landscape architect, an arborist, or a person qualified to perform such work.
- (13) Landscaping, if required by the Development Authority, shall be as follows:
 - (a) on sites smaller than 1.5 ha (3.0 acres) a minimum of 10 percent, or as otherwise required by the Development Authority, of the site shall be landscaped;

- (b) on sites larger than 1.5 ha (3.0 acres) a minimum of 50 percent, of the required front and side yard setbacks of the site shall be landscaped or as required by the Development Authority;
- (c) any or all landscaping standards as outlined in Part 4, Section 25 may be required by the Development Authority.

32. SANDBLASTING, WELDING AND FABRICATION FACILITIES

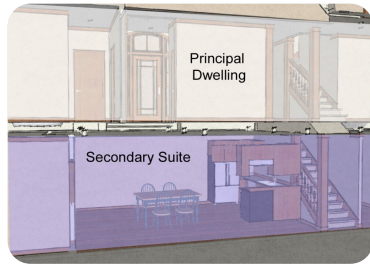
- (1) Where the proposed use is located within 150 metres (492 ft.) of an existing residential use or residential, park, conservation or institutional land use district, all welding, fabrication, sandblasting and similar potentially obnoxious uses and operations shall be fully contained within a building or other suitable structure designed to contain noise, odours, and dust.
- (2) In all instances, the building or structure containing any approved sandblasting, welding, or fabrication operation shall be located no closer than 90 metres (295 ft.) to an adjacent residential dwelling.
- (3) Required yards, buffers and landscaped areas shall not be used for storage, parking, loading, unloading or similar uses.
- (4) The operator is prohibited from disposing of any shop wastes into a storm drain, septic tank, onto the ground or into surface water.
- (5) All materials must be stored in the proper containers with the correct label in accordance with any provincial environmental regulations or procedures.
- (6) The applicant may be required to store materials and wastes indoors or under cover whenever possible to prevent moisture from seeping into the container.

33. SATELLITE DISHES AND TELECOMMUNICATION ANTENNAS

- (1) In all hamlet residential land use districts:
 - (a) satellite dishes greater than 1 metre (3 ft.) in diameter or radio or television antenna shall be classified as an accessory structure and shall be placed in the rear or side yard;
 - (b) satellite dishes greater than 1 metre (3 ft.) in diameter shall not be mounted or attached to the roof of any dwelling or accessory building and shall not be illuminated or contain advertising other than the manufacturer's trademark or logo.
- (2) Radio and television antennas, which are not regulated by Innovation, Science, and Economic Development Canada, are classified as an accessory structure.

34. SECONDARY SUITES

SECONDARY SUITES (CONTAINED WITHIN A SINGLE-DETACHED DWELLING)



Example of basement suite

Secondary Suite means a development consisting of an ancillary dwelling unit located within, and accessory to, a structure in which the principal use is a single detached dwelling or in conjunction with an approved detached garage. These uses are also often referred to as Accessory Dwelling Units.

Secondary Suite General Standards

- (1) A secondary suite shall have cooking facilities, food preparation area, sleeping and sanitary facilities, which are physically separate from those of the principal dwelling within the structure. A Secondary Suite shall also have an entrance separate from the entrance to the principal dwelling, either from a common indoor landing or directly from the side or rear of the structure.
- (2) A secondary suite shall be restricted to a lot occupied by a single-detached dwelling. A secondary suite is prohibited from being constructed within or in conjunction with a duplex, semi-detached dwelling, multi-attached or multi-unit dwelling or apartment housing.
- (3) All secondary suites developed after December 31, 2006, shall comply with all Alberta Building Code requirements, including separate heating/ventilation systems for each dwelling unit. Pre-existing suites developed prior to December 31, 2006, must meet the requirements of the Alberta Fire Code.

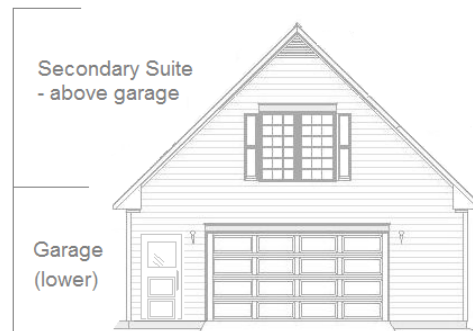
Secondary suites shall comply with the following regulations:

- (4) The maximum floor area of the secondary suite shall be as follows:
 - (a) in the case of secondary suite located completely below the first storey of a single detached dwelling (other than stairways or a common landing), the floor area (excluding the area covered by stairways) shall not exceed the floor area of the first storey of the associated principal dwelling;
 - (b) in the case of a secondary suite developed completely or partially above grade, the floor area (excluding the area covered by stairways) shall not exceed 40 percent of the total floor area above grade of the building containing the associated principal dwelling.
- (5) A secondary suite (contained within a single-detached dwelling) shall remain accessory to and subordinate to the single-detached dwelling and shall not exceed the main floor area of the principal dwelling and shall have a minimum floor area not less than 30 m² (322.93 sq. ft.).
- (6) A secondary suite shall be developed in such a manner that the exterior of the principal building containing the secondary suite shall appear as a single dwelling.

- (7) In Hamlet Residential land use districts, only one secondary suite may be developed in conjunction with a principal single-detached dwelling, and it may not be developed within a multi-unit dwelling (e.g. duplex, semi-detached or fourplex unit).
- (8) A secondary suite shall not be developed within the same principal dwelling containing a Home Occupation, unless it is proven to the satisfaction of the Development Authority that the amount of traffic generated is limited and adequate parking is available without adversely affecting the neighbourhood.
- (9) The secondary suite shall not be subject to separation from the principal dwelling through a condominium conversion or subdivision.
- (10) The secondary suite shall have full utility services through service connections from the principal dwelling unit.
- (11) Development of a secondary suite shall adhere to the Alberta Building Code and Alberta Fire Code as a condition of approval.
- (12) Parking must be able to be adequately provided on site for the additional suite in consideration of bylaw requirements. In Hamlet Residential land use districts requirements: one (1) off-street parking stall per secondary suite (in addition to regular residential requirements).

SECONDARY SUITES (DETACHED GARAGE) STANDARDS

- (13) The maximum height to roof peak of the garage shall not exceed 9.1 metres (30 ft.)
- (14) A secondary suite (detached garage) shall have an entrance separate from the entrance to the garage, either from a common indoor landing or from the exterior of the structure.
- (15) One on-site parking space shall be provided for each secondary suite.
- (16) A secondary suite (detached garage) shall remain accessory to and subordinate to the single-detached dwelling and shall:
 - (a) have a minimum floor area of 29.73 m² (320 sq. ft.), and
 - (b) not exceed 112 m² (1205 sq. ft.) in all land use districts.



Shared mechanical rooms and common areas shall be excluded from the floor area calculation of the secondary suite.

- (17) The maximum lot coverage of a secondary suite (detached garage) shall be limited to the area as stipulated for an accessory building for the applicable land use district.
- (18) A secondary suite in conjunction with a detached garage shall be located a minimum of:
 - (a) 3.05 metres (10 ft.) from the principal dwelling unit, and

- (b) 6.1 metres (20 ft.) from a side or rear property line.
- (19) A secondary suite (detached garage) shall be located on the upper floor of the garage and the main (grade) floor shall be restricted for garage/accessory use. In all land use districts, the building must be utilized as a functional garage/accessory building for purposes incidental to the single unit dwelling with a functional overhead garage door installed and cannot be used for additional living space. In all other land use districts, the applicable district and whether secondary dwellings are permitted or not shall regulate the type of secondary suite (detached garage) building that may be built and whether the functional garage component is required.
- (20) On lots or parcels where sewage treatment is managed individually on-site, the soils and private septic treatment system must be designed and sized to manage the additional effluent produced for the additional dwelling suite on the parcel of land.
- (21) An applicant is responsible to ensure that a secondary suite (detached garage) must be able to be constructed on a foundation of strip footings and concrete walls, concrete piers set below frost level, or other suitable foundation in accordance with the Alberta Building Code, unless otherwise permitted under the code.
- (22) A secondary suite (detached garage) is only allowed in a land use district where it is prescribed as a use. In Hamlet Residential land use districts, only one secondary suite may be developed in conjunction with a principal dwelling. (A secondary suite (detached garage) is not permitted in the Hamlet Residential land use districts).
- (23) An applicant is responsible for obtaining all required building permits and the development of a secondary suite (detached garage) shall adhere to the Alberta Building Code and Alberta Fire Code as a condition of approval.

35. SERVICE STATIONS AND GAS BARS

The following regulations apply:

- (1) The minimum front yard shall be 12.19 metres (40 ft.) and no gasoline pumps shall be located closer than 6.10 metres (20 ft.) from the front property line.
- (2) The side and rear yard shall be 6.10 metres (20 ft.) with no intervening pumps or accessories.
- (3) Maximum site coverage shall be 30 percent.
- (4) The location and installation of the fuel tanks shall be in accordance with the *Fire Protection Act* and Alberta Environment.
- (5) The exits and entrances to the station site shall be clearly marked by curb cuts, painted markings, concrete abutments or any other means satisfactory to the Development Authority.
- (6) An appropriate chain link fence not less than 0.91 metres (3 ft.) high may be required around the property to catch debris and trash.
- (7) The stacking or queuing lanes must be in accordance with Part 4, Section 30 of this bylaw.

36. SHIPPING CONTAINERS (or C-Containers, Sea-Containers)

GENERAL STANDARDS

- (1) Shipping containers shall only be allowed in the land use districts where they are listed as a permitted or discretionary use in Part 3 – Land Use Districts and Regulations.
- (2) See Part 2, Development Not Requiring a Development Permit, for the land use districts where a permit requirement may be exempted.
- (3) In the Grouped Country Residential (GCR) land use district for permanent Shipping Containers, only one container is allowed on a parcel 0.4 ha (1.0 acre) or less in size and up to two may be allowed on parcels 0.8 ha (2.0 acres) or greater in size (this does not include Temporary Shipping Containers).
- (4) An application for a development permit for a proposed shipping container(s) must be completed and submitted to the Development Authority along with the appropriate application fee. At least two recent colour photographs of each container (one end view and one side view) must accompany the application.
- (5) There shall be a primary use on the property where the shipping container is proposed, except as provided in section 32(16).
- (6) All shipping containers must be located in the rear or side yards only, and the rear and side setback requirements shall be regulated by the Development Authority and the requirements of the appropriate land use district.
- (7) The maximum number of shipping containers permitted on a lot shall be regulated by the Development Authority. The placement of shipping containers may be restricted if architectural controls are in place for a subdivision and registered on the subject land which prohibit shipping containers.
- (8) Where multiple shipping containers are permitted on a lot, they shall be stacked no more than two containers high.
- (9) The Development Authority may require as a condition of approval that any shipping container must be painted to match the colour(s) of the principal building or be sandblasted and/or painted to the satisfaction of the Development Authority.
- (10) The Development Authority may require as a condition of approval that any shipping container be screened from view or landscaped.
- (11) The exterior of all shipping containers must be kept clean and regularly painted.
- (12) Shipping containers shall not display advertising, company logos, names or other marketing without an approved sign permit. Shipping containers used for temporary storage in the case of an emergency may be exempted from this requirement.



- (13) The Development Authority may regulate the time period for which a development permit is valid through the issuance of a temporary permit. The validity of a temporary permit shall not exceed one year.
- (14) The Development Authority may require as a condition of approval the posting of a security deposit guaranteeing compliance with the conditions of the permit.
- (15) A development that proposes to convert shipping containers to use as a building or structure for a different use may be considered by the Development Authority subject to the following:
 - (a) the use is a permitted or discretionary use in the applicable land use district in which the development is proposed;
 - (b) the shipping container conversion will be able to meet all applicable building and safety code requirements; and
 - (c) the Development Authority is satisfied that the design, character and appearance of the finished building is compatible with other buildings in the vicinity and that the design, character and appearance of the building is consistent with the purpose of the land use district in which the building is located.
 - (d) The Development Authority may require engineering reports, structural engineer stamped schematic drawings, and building inspection reports in consideration of approving a development permit for a shipping container conversion.

TEMPORARY SHIPPING CONTAINERS – CONSTRUCTION RELATED

- (16) A shipping container may be placed temporarily on a construction site, for the period of construction only, or in conjunction with renovation work being done to a building, in any land use district without obtaining a development permit in accordance with Part 2, Development Not Requiring a Development Permit, provided the time period does not exceed 6-months from the time of placement on the property subject to the following provisions:
 - (a) the shipping container is needed in connection with construction of a development for which a development permit has been issued;
 - (b) the construction site is active (i.e., construction has commenced and is on-going or is about to commence within one week); placement of a shipping container on an inactive construction site is not permitted;
 - (c) no more than one shipping container is placed on the construction site (a development permit will be required for any additional shipping containers that are required);
 - (d) the exterior of the shipping container is kept clean and does not display any advertising other than the company logo or trademark;
 - (e) in hamlet land use designations, the shipping container shall be located a minimum of 3.05 metres (10 ft.) from the front property line and 1.52 metres (5 ft.) from the side and rear property lines. On corner lots, placement of the container shall also comply with the corner lot restrictions in Part 4, Section 7;
 - (f) in rural land use designations, the placement of the shipping container shall comply with public roadway setback requirements in Part 4, Section 16;

- (g) the shipping container shall be removed within 21 days upon completion of construction or sooner as may be required by the Development Authority. If the time period exceeds the 6-months from the time of placement on the property a development permit is required.

TEMPORARY SHIPPING CONTAINERS – EMERGENCY/REMEDIATION

- (17) A shipping container may be placed temporarily on a property in the case of an emergency to temporarily accommodate the storage of goods where a dwelling or building has been damaged in a fire or flood in conjunction with salvage and renovation work being done to a building, and does not need a development permit if the time period does not exceed 6-months (refer to Part 2) subject to the following provisions:
 - (a) The shipping container shall be sited entirely on the property and in hamlets it shall not encroach over property lines or municipal streets, lanes, or sidewalks. In rural land use designations, the placement of the shipping container shall comply with public roadway and property line setback requirements.
 - (b) The temporary shipping container may only be placed on a property in any land use district where it is listed as a permitted use without a development permit being required.
 - (c) Only one temporary shipping container shall be placed on a property in any land use district at any one time unless otherwise authorized by the Development Authority.
 - (d) The shipping container shall be removed as soon as possible, but for a period not to exceed 21 days, upon completion of clean-up remediation work or construction or as may be required by the Development Authority.
 - (e) If additional time is required beyond the 6-months a development permit application must be applied for.

SHIPPING CONTAINERS ASSOCIATED WITH AGRICULTURE

- (18) Within the Rural Agricultural – “RA”, Urban Fringe – “RUF” land use districts a maximum of two shipping containers are permitted without obtaining a development permit (refer to Part 2) subject to the following provisions:
 - (a) the shipping containers are associated with agriculture;
 - (b) the location of the containers complies with the public roadway and property line setback requirements, of the land use district;
 - (c) the exterior of the shipping containers are kept clean and regularly painted;
 - (d) the shipping containers shall not display advertising, company logos, names or other marketing.
- (19) Where allowed in the applicable land use district, more than two shipping containers associated with agriculture may be permitted by obtaining a development permit.

37. SHOOTING RANGE STANDARDS AND LOCATION CRITERIA

The following standards and criteria will apply for consideration of a development permit application for a shooting (firing) range, including rifle, pistol, shot guns for skeet shooting and archery:

APPLICATION INFORMATION

- (1) An application must be accompanied by the following documentation:
 - (a) a comprehensive site plan illustrating the location of the range and any buildings on the parcel of land, accessory buildings or structures, access and egress to the parcel, parking areas, landscaping, utility easements or corridors. For outdoor ranges, the site plan, or supplementary plan, must illustrate or identify the adjacent land uses within the 1 kilometre setback distance prescribed in section (2) below;
 - (b) a surveyed site plan;
 - (c) information on the type of water and sewer servicing proposed;
 - (d) a report or evidence demonstrating compliance with any operating licences required by federal or provincial laws;
 - (e) evidence that the proposal will conform to the *Firearms Act, Shooting Clubs and Shooting Ranges Regulations* and the *R.C.M.P. Range Design and Construction Guidelines for Shooting Ranges*.

SETBACKS FROM OTHER USES

In addition to firing range standards administered by the province, the following minimum separation distances shall be required between firing ranges and land uses that would be sensitive to gunshot noise and range activity:

- (2) Setbacks for **outdoor shooting (firing) ranges** are:
 - (a) 2.4 kilometres (1.5 miles) from schools, residences, campgrounds, hospitals, parks, playgrounds, churches and other institutions, recreational trails, shopping centres, and known habitat of rare, threatened or endangered animal species;
 - (b) 1.6 kilometres (1.0 mile) from national wildlife refuges, migratory bird sanctuaries, protected natural areas designated under legislation, deer wintering areas, and industrial areas.
- (3) The above setbacks apply only to new ranges and not to firing ranges in existence at the time this bylaw came into effect.
- (4) The direction of fire and orientation of ranges approved after this bylaw came into effect must not be toward a public highway, road, trail, developed area or public use area.
- (5) For **outdoor archery ranges**, the applicable minimum land use district setbacks apply, however, the direction of fire and orientation of ranges approved must not be toward a public highway, road, trail, developed area or public use area.
- (6) **Indoor shooting (firing) ranges** must be located no closer than 152.40 metres (500 ft.) to the nearest school, hospital or residence.

PARKING

- (7) Parking requirements shall be calculated on the basis of the average number of shooters and visitors that would be at the range at any one time, plus staff.

ACCESS

- (8) Outdoor shooting (firing) ranges must have access to a public all weather road. As a condition of a development permit approval, the applicant may be required to enter into a Development Agreement with Lethbridge County to construct or improve a public road to required acceptable municipal engineering standards, to provide suitable public access.

ACCESSORY BUILDINGS

- (9) Accessory buildings may be permitted at a firing range provided they are used for purposes incidental to the firing range such as:
- (a) firearm safety training;
 - (b) hunter education;
 - (c) fundraising and social activities that support the Shooting Club;
 - (d) grounds or building maintenance; and
 - (e) sale of items for the convenience of range users, such as snack foods.

PUBLIC CONSULTATION

- (10) Public notification is required prior to the Development Authority rendering a decision on a development permit application, by the Development Authority sending a letter to adjacent landowners within a one-kilometre distance of the site on which a firing range is being proposed (including the range safety area) and inviting them to respond back with any comments and concerns within 21 days of the notification being mailed.
- (11) The Development Authority may, prior to rendering a decision, require the applicant to conduct a public consultation session with landowners within a one-kilometre distance of the site by advertising and holding a public meeting. If this is required, then the applicant must subsequently submit to the Development Authority a report regarding the public response to the proposal and copies of all written submissions.

OTHER REQUIRED APPROVALS

- (12) Notwithstanding that a development permit may be approved by the municipality, this in no way exempts an applicant from being responsible for obtaining all required federal or provincial licenses or approvals.
- (13) As a condition on a development permit approval, the Development Authority may require that the applicant file copy of all federal or provincial licenses, approvals or refusals issued by federal or provincial authority with the municipality.

38. SIGNS

See Part 6 – Sign Regulations.

39. SURVEILLANCE / SECURITY SUITES

- (1) A development permit for a surveillance/security suite will only be issued if the surveillance suite is clearly compatible with and subordinate to the principal use of the subject parcel. Moreover, in the opinion of the Development Authority, the placement of a surveillance suite shall be compatible with all existing, principal development/land uses on adjacent properties and shall not interfere with future principal development/land uses of adjacent properties.
- (2) Where a surveillance / security suite is attached to the building on a site by a roof, an open or enclosed structure, floor or a foundation, it is to be considered a part of the principal building.
- (3) The minimum and maximum floor area of any detached surveillance / security suite shall be 50 m² (538 sq. ft.) and 102 m² (1098 sq. ft.) respectively.
- (4) Where a surveillance / security suite is a manufactured home unit, the following shall apply:
 - (a) the unit shall have a CSA certification or equivalent, proof of which shall accompany the development permit application;
 - (b) the unit shall be secured and skirted to the satisfaction of the Development Authority.

40. TELECOMMUNICATION ANTENNA SITING PROTOCOLS

Telecommunication, radio communication and broadcast antenna systems are regulated by Innovation, Science, and Economic Development Canada. An applicant proposing to locate a telecommunication, radio communication or broadcast antenna system within the County, which does not meet the exclusion criteria in Appendix A shall be subject to the Siting Protocol process as stipulated in Appendix A. The Telecommunication Antenna Siting Protocol Application form and applicable fee must be submitted by the proponent to the Development Authority who will determine if the municipality will grant a letter of concurrence or non-concurrence.

- (1) See Appendix A – Telecommunication, Radiocommunication and Broadcasting Antenna Systems (Antenna Systems) Siting Protocol.

41. TOURIST HOMES/SHORT TERM RENTALS

A tourist home/short term rental means a dwelling unit operated as a rental or lease accommodation unit, occupied by a guest or guests for a period not to exceed 30 days. The dwelling owner/operator may or may not be residing in the dwelling during the period it is being occupied by guests.

- (1) The operation of a tourist home/short term rental requires an approved development permit.
- (2) Tourist homes/short term rental are prohibited in residential districts except where they are expressly listed as a permitted or discretionary use.
- (3) Development Permit applications for tourist homes/short term rental shall be referred by the Development Authority to the regional Health Authority for comment, prior to making a decision on an application.
- (4) Where approved, tourist home/short term rental s shall be developed and operated in accordance with the following regulations in order to ensure that the impacts of this commercial

use do not unduly affect the amenities of the residential neighbourhood in which they are located:

- (a) The maximum number of bedrooms in a dwelling unit used for a tourist home/short term rental shall be four (4), with maximum of eight (8) 'sleeping' guests at one time.
 - (b) No sleeping units shall contain kitchen facilities.
 - (c) Tourist homes/short term rental require a development permit. The Development Authority may issue a Stop Order at any time if, in the opinion of a Development Authority, the operator has violated any provision of this bylaw or the conditions of a permit.
 - (d) Tourist homes/short term rental shall not interfere with the rights of other residents to quiet enjoyment of a residential neighbourhood.
 - (e) Prior to making a decision on a development permit application for a tourist home/short term rental, the Development Authority may require the applicant to submit a building inspection report to verify if the dwelling meets Alberta Safety Code requirements or if deficient, if it may be brought into compliance to address any safety issues.
 - (f) A Tourist Home/Short Term Rental development permit shall not be approved for a dwelling if a bed and breakfast establishment has been approved for the same dwelling.
- (5) The operator of the tourist home/short term rental shall:
- (a) not publicly advertise the tourist home/short term rental unless in possession of a valid development permit at the time the advertisement is placed and displayed;
 - (b) keep and maintain, or have kept and maintained by a company or individual identified in the development permit application, a guest register that shall be reasonably available for inspection by Development Authority;
 - (c) provide one hard surfaced, on-site parking stall per bedroom. Parking stalls shall not be tandem;
 - (d) not display any form of advertising related to the tourist home/short term rental except as provided for in this bylaw;
 - (e) ensure that the building conforms to the Alberta Safety Code and any other provincial regulations; and
 - (f) be responsible for complying with Alberta Government requirements relating to the provincial tourism levy on accommodation.
- (6) Development Permit applications and approvals for tourist homes/short term rental may include a maximum of 12 RV (recreational vehicle) sites for seasonal rental or lease as an accessory use to the tourist home, provided the Development Authority is satisfied that the site is suitable, effectively screened from neighbouring residence's view, and potable water and septic disposal is adequate.

42. WAREHOUSING AND STORAGE

See Part 3 – Land Use Districts and Regulations (Rural Industrial – RI, Business Light Industrial – BLI land use districts) and Part 4 – General Land Use Provisions, Section 25 (Landscaping and Screening).

43. WORK CAMPS

- (1) Work camps shall only be allowed in the land use districts where they are listed as a discretionary use in Part 3 – Land Use Districts and Regulations.
- (2) A concept plan shall be provided, to the satisfaction of the Development Authority that indicates the location, design standards and site requirements of any proposed:
 - (a) common accessory uses and services, such as washrooms, laundromats, recreational buildings, retail stores, food concessions, fire pits, fire wood storage;
 - (b) lighting;
 - (c) water supply;
 - (d) wastewater disposal facilities;
 - (e) solid waste collection facilities; and
 - (f) any other similar uses or services that may be associated or required for the development of a work camp.
- (3) The following regulations shall be applied in designing the work camp site plan:
 - (a) the road system shall be properly signed for users and for emergency response vehicles, and shall to sensitive to the topography and environmental characteristics of the site;
 - (b) roads shall be surfaced to the satisfaction of the Development Authority;
 - (c) all utility services and all utility wires and conduits shall be provided as required by the Development Authority; and
 - (d) setbacks shall be in accordance with the regulation of the applicable land use district.
- (4) All work camps shall be developed in compliance with the Work Camps Regulation, *Public Health Act*, Alberta Regulation 218/2002 as amended.



PART 6

SIGN REGULATIONS

PART 6

SIGN REGULATIONS

This Part prescribes requirements for signs, and sign owner responsibilities. It also contains regulations pertaining to safety of the signs installation and requirements for specific types of signs. The intent of this Part is to ensure that safe, well-designed and aesthetically pleasing signs are located around the County.

1. DEFINITIONS

In addition to the definitions in Part 9 of this bylaw, the following definitions apply to this Part:

Abandoned Sign means a sign which advertises or identifies an activity, business, owner, product, lessee or service which no longer exists or a sign for which no legal owner can be found.

Animated Sign means a sign which uses movement or change of lighting to depict action or to create a special effect or scene, but does not include a changeable copy sign.

Awning means an adjustable or temporary roof-like covering fitted over windows and doors and used for either shelter, advertising or decoration.

Banner Sign means a temporary sign that is made of lightweight material intended to be secured to the flat surface of a building or structure, at the top and the bottom on all corners, excluding official flags and emblems.



Balloon Sign means any inflatable device, used or employed as a sign that is anchored to the ground or to a building.

Billboard means a large freestanding structure to provide a medium for advertising where the copy can be periodically replaced and is a sign greater than 3.0 m² (32.3 sq. ft.) that may or may not contain advertising related to the development within the parcel upon which the billboard sign is located. This does not include an identification sign.

Canopy Sign means a sign placed on a permanent projection from the exterior wall of a building and is typically mounted, printed, painted or otherwise attached to an awning, canopy or marquee, and where the projection or canopy has been primarily designed to provide shelter to pedestrians or vehicles.

Changeable Copy Sign means a sign where the content changes automatically through electronic and/or mechanical means and may include typical features such as an electronic message centre, or time and temperature unit.

Construction Sign means a temporary sign erected on a site where construction is taking place to identify the construction project and those parties having a role or interest in the construction.

Copy means the message on a sign in either permanent or removable form.

Copy Area means the entire area within a single straight line geometric figure or a combination of squares or rectangles that will enclose the extreme limits of the advertising message or announcement including decorations related to the specific nature of the advertising message or announcement.

Community Signs means any sign advertising a local community organization.

Directional and Information Sign means a sign, the message of which is limited to providing direction guidance, distance, facility or similar information and which may contain a name or logo.



Facade means the entire front of a building including the parapet.

Fascia Sign means a sign attached across the face of a building, located approximately parallel thereto, in such a manner that the wall becomes the supporting structure for, or forms the background surface of the sign, which does not project more than 0.30 metre (1 ft.) from the building or structure supporting said sign.

Freestanding Sign means any sign supported by a freestanding column(s) or structure placed in or on the ground and not attached to any building or other structure.

Home occupation Sign means a sign advertising a home occupation approved under the provisions of the Land Use Bylaw.

Incidental Sign means a small sign, decal or emblem advertising goods, facilities, business hours or services available on the premises.

Identification Sign means a sign which typically relays information pertaining to the identification of a site or development, the address, or where the copy contains only the following information:

- (a) the name and/or address of a building, use or person; and/or
- (b) the activity carried out by that person, or at that location; or
- (c) directions to the business or development.

Lawn Sign means a sign where the base of the sign structure is located on the ground or a maximum of 0.3 metre (1 ft.) above the adjacent grade and the width of the base and the top of the sign structure are approximately equal.

Merchandising Aid means a device, such as statues, inflatables, and tethered balloons intended to call attention to a business and which may contain a name, logo, advertising message or announcement.

Multiple Listing or Multi-tenant Sign means a sign that contains within one structural frame two or more smaller signs, each of which identifies or advertises a different business, organization, or facility.

Off-premises Sign means any sign that may contain sign content that advertises or otherwise identifies a service, product or activity conducted, sold, or offered at a location other than the premises on which the sign is located.

Parapet means the extension of a false front wall above a roof line.

Portable Sign means a sign that is not permanently affixed to a building, structure or the ground and is supported on a structure or trailer allowing it to be readily moved from one location to another with the sign area not exceeding 4.46 m² (48 sq. ft.).

Projecting Sign means a sign other than a canopy sign or fascia sign which is attached to and projects, more than 0.3 metre (1 ft.) horizontally from a structure or building face. Shingle signs may be considered a type of projecting sign.

Real Estate Sign means a sign pertaining to the sale or lease of the premises or a portion of the premises on which the sign is located.

Resident Identification Sign means a sign located on the premises, limited to providing the address and/or name of the owner or occupant of a building or premises.

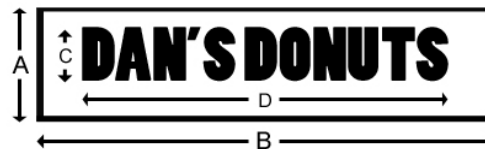
Roof Sign means a sign that is placed on, above or is incorporated as part of the roof of a building or a sign where more than 50 percent of the copy face projects above the roof of a building.

Shingle Sign means a small sign which is suspended from a mounting attached directly to the building wall. Shingle signs are generally placed perpendicular to the face of a building.

Sidewalk or A-board Sign means a portable sign which is set on the ground, built of two similar pieces of material and attached at the top by a hinge(s) so as to be self-supporting when the bottom edges are separated from each other and designed and built to be easily carried by one person.

Sign means a development or location of any object, device, display or structure, or part thereof, situated outdoors or indoors, which is used to advertise, identify, display, relay information, direct or attract attention to an object, person, institution, organization, business, product, service, belief, event or location by any means, including words, letters, figures, design, symbols, fixtures, colours, illumination or projected images.

Sign Area means the entire face of a sign including the advertising surface and any framing, trim or moulding, but not including the supporting structure, with the sign area of individual letter signs being the sum total of the area of the smallest straight line geometric figure that encloses the individual letters or figures of the sign.



Sign area = length of A x length of B
Sign content area = length of C x length of D

Sign Content Area means the entire area within a single straight line geometric figure or a combination of squares or rectangles that will enclose the extreme limits of the advertising message or announcement including decorations related to the specific nature of the advertising message or announcement.

Sign Band means a prominent exterior display surface located horizontally between storefront windows and the cornice or roofline.

Sign Clutter Area means any area of Lethbridge County that Council has declared by resolution to appear cluttered by an excessive number of signs, and therefore warranting special restrictions in order to limit the sign clutter.

Sign Height means the vertical distance measured from the highest point of the sign or sign structure to the finished grade.

Sign Illumination means the lighting or exposure of a sign to artificial lighting either by lights on or in the sign or directed toward the sign.

Sign Projection Style means the method by which the sign content is conveyed to the viewer (e.g. lettering/logo, animation, changeable content, movement/motion).

Sign Type means the type of structure of a sign (e.g. billboard, freestanding, portable, etc.) used to convey sign content.

Temporary Sign means a sign other than a portable sign which is not permanently attached to a supporting structure or building and designed or intended to be displayed for a short period of time, typically in place for less than 12 weeks.

Theme Sign means any sign that is part of a series or group of signs incorporating a distinctive theme, design or logo.

Third Party Sign means any permanent off-premises sign advertising a commercial activity not located on the same lot or parcel of land as the sign.

Wall Sign means a sign fastened to or painted on the wall of a building.

Window Sign means a sign painted on, attached to or installed on a window intended to be viewed from outside the premises.

Vehicle Sign means a sign mounted, painted, placed on, attached or affixed to a trailer, watercraft, truck, automobile, or other form of motor vehicle so parked or placed so that the sign is discernible from a public street or right-of-way as a means of communication or advertising.

2. GENERAL RULES AND CRITERIA

All signs within Lethbridge County shall comply with the following:

- (1) No one shall erect, place, alter, or relocate a sign without having first obtained a development permit from the Development Authority, excepting signs that do not require a development permit in Section 3 of this Part.
- (2) In addition to information submitted with any development permit application, the Development Authority may require additional details including:
 - (a) the location of all existing and proposed signs on the lot or premises;
 - (b) all size, height, and other dimensions of the proposed signs and any supporting structures, including mounting details if the sign is proposed to be mounted to a building;

- (c) the exact message content of the proposed sign face, the finish proposed for the sign(s) and the type of illumination or animation, if any; and
 - (d) photos and/or drawings at a suitable scale.
- (3) A sign shall not be erected on any property or building unless permission is granted in writing from the registered property owner.
- (4) The owner of the sign shall be considered the registered owner of the property on which the sign is placed.
- (5) The owner of a sign shall at all times maintain the sign in a proper, safe and tidy state of repair and shall not permit the sign to become dilapidated or unsightly, to the satisfaction of the Development Authority.
- (6) The Development Authority may, by notice in writing:
- (a) direct the owner to correct the condition of any sign or remove any sign within thirty (30) days of receipt of the notice where, in the opinion of the Development Authority, the condition of the sign constitutes a violation of this Bylaw or any permit hereunder and/or has become unsightly or is unsafe;
 - (b) order the owner to stop work on a sign if it is proceeding in contravention of this Bylaw or if a sign permit has not been issued.
- (7) All sign structures shall be securely built, constructed, and erected to conform to the standards set forth in this bylaw and the current Alberta Safety Codes, as applicable.
- (8) No person shall erect, construct or maintain a sign or a display structure so as to create a hazard for pedestrian or vehicular traffic by blocking sight lines between pedestrian and vehicular traffic or distracting a driver or pedestrian, as determined by the Development Authority.
- (9) No sign shall be placed or projected within a public roadway or be attached to any object in a public roadway except as may be authorized by Alberta Transportation or Lethbridge County.
- (10) Unless otherwise specified in the specific land use district or by the Development Authority, signs may be located within the 38.1 metres (125 ft.) setback of the centre line of a municipal public roadway provided the footing or projection of each sign shall not be less than a minimum distance of 6.1 m (20 ft.) of the right-of-way boundary and they are located in such a manner as to not impede safety or obstruct views of vehicular traffic.
- (11) Within designated hamlets, designated commercial or industrial parcels, or business parks, no sign shall be placed or project within a municipal public roadway. Signs may be located subject to the following:
- (a) unless otherwise specified in the specific land use district, the Development Authority, or by Alberta Transportation, the footing or projection of each sign shall not be less than 3 m (9.8 ft.) from the property line or road right-of-way boundary; and
 - (b) the Development Authority may regulate the required setbacks to a public roadway and property lines as they determine necessary.

- (12) No person shall erect a sign within 300 metres (1,000 ft.) of a highway, or 800 metres (0.5 miles) of a highway intersection, unless approved by Alberta Transportation. The applicant shall contact Alberta Transportation to ensure the proposed signage is in compliance with the Alberta Highway Development Control Regulations and to obtain any required roadside development permits. Where required, a copy of the approved Roadside Development Permit shall be submitted as part of the application or placed as a condition of sign permit approval by the Development Authority.
- (13) Upon consent of Alberta Transportation, the Development Authority may approve the sign adjacent to a provincial highway at a distance no closer than the setback approved by Alberta Transportation.
- (14) Signs shall be located so as not to become a visual obstruction or other traffic hazard.
- (15) As a condition of approval, the Development Authority may regulate the size, location, materials, and design of the sign to ensure that the quality of the sign is suitable in its proposed location.
- (16) Unless it is signage located on a multi-tenant sign, no more than 5 individual signs combined in total that require a development permit shall be permitted on a property unless the Development Authority agrees to grant a variance.

ILLUMINATED OR ANIMATED SIGNS

- (17) No sign shall be illuminated unless the source of light is steady and suitably shielded, unless it is otherwise permitted with a specific sign type.
- (18) Illuminated, moving or animated signs, digital and electronic message boards (changeable copy) that are distracting to vehicle users on highways shall not be allowed.
- (19) Any sign that is illuminated, animated, or a digital and electronic message board (changeable copy) located within 300 metres (1,000 ft.) of a provincial highway right-of-way or within 800 metres (2,625 ft.) of the centreline of a highway and a public road intersection must be approved by Alberta Transportation.
- (20) Animated signs, digital and electronic message boards (changeable copy) are only permitted at the sole discretion of the Development Authority in accordance with the sign type where it is allowed and on parcels containing approved commercial or industrial uses, or on parcels designated for such use. Animated signs, digital and electronic message boards (changeable copy) are strictly prohibited in any residential land use district.
- (21) Permitted sign type - Only fascia, freestanding and portable signs may be considered for projection using animation, digital or electronic message board changeable copy.
- (22) Not more than two (2) animated, digital or electronic message board sign is permitted on the premises.
- (23) Signs using animation, digital or electronic message board (changeable copy) must not directly face or be visible from nearby dwellings or residential districts within 300 metres (984 ft.)

- (24) There shall be a minimum 400 metres (1,312 ft.) separation distance between all signs using animation, digital or electronic message board (changeable copy).
- (25) Where buildings abut a highway or municipal road allowance, signs facing and visible from that roadway may be considered for approval by the Development Authority with animated, digital, and electronic message boards (changeable copy) if they comply with the following principles:
 - (a) one (1) sign per visible frontage (building façade). The maximum dimension of such sign should not exceed 3.0 metres (9.8 ft.) by 3.0 metres (9.8 ft.) in size and not exceed a depth of 0.3 metres (1.0 ft.);
 - (b) the sign shall comply with the setback standards to residential uses in Section (23) above; and
 - (c) signs within the prescribed distances referred to in Section (19) above must be approved by Alberta Transportation.
- (26) As a condition of approval, the Development Authority may regulate the size, location, materials and design of the sign to ensure that the quality of the sign is suitable in its proposed location.
- (27) Variances may be considered by the Development Authority in exceptional circumstances if warranted by the merits of the case, in accordance with Part 1, Section 30 of this bylaw.
- (28) The applicant shall be responsible for obtaining any other necessary municipal, provincial or federal permits.
- (29) When a sign cannot be clearly categorized as one of the sign types as defined in this bylaw, the Development Authority shall determine the sign type and any and all applicable standards.
- (30) No illuminated signage shall be permitted in developments where they might, in the opinion of the Development Authority, affect residents in adjacent housing or residential area.

3. SIGNS NOT REQUIRING A PERMIT

- (1) **No development permit is required** for the following types of signs, provided they meet the requirements of this bylaw:
 - (a) construction company signs, provided such signs are removed within 14 days of the completion of construction;
 - (b) signs erected for any public building or use;
 - (c) political posters/election signs that comply with the standards in Section 4(8) through (15) of this Part, provided all such signs are removed within 14 days after the completion of the relevant election or plebiscite;
 - (d) real estate, rental or for lease signs, provided all such signs are removed within 30 days after the sale or lease of the premises upon which the sign is located;
 - (e) municipal address/residency identification signs, provided the sign is no greater than 0.2 m² (2 sq. ft.) in area;

- (f) garage sale signs, provided the owner of the property upon which the sign is located has approved its placement and that the sign is removed immediately upon the conclusion of the sale;
- (g) on-premises directional and informational signs and incidental signs 0.4 m² (4 sq. ft.) or less in area;
- (h) any traffic or directional and informational signs erected by Lethbridge County or the provincial or federal government;
- (i) any community service bulletin board erected by Lethbridge County and any notices posted on the bulletin board;
- (j) any balloon sign subject to the standards in Section 4(2) of this Part;
- (k) any window sign posted on the interior of the premises, in accordance with Section 4(19-20) window signs;
- (l) any sign approved in conjunction with a home occupation permit;
- (m) sidewalk or A-board signs provided they are not located within the public right-of-way and are located in a manner so as not to hinder pedestrian traffic;
- (n) any sign appearing on street furniture, such as benches or garbage containers, that are located on private property;
- (o) any sign appearing on street furniture, such as benches or garbage containers, that are located on public land if an agreement to locate the street furniture has been reached with Council;
- (p) any banner sign appearing on a commercial, industrial or public/institutional building, structure or property provided such signs are:
 - (i) located on private property;
 - (ii) are displayed for a period not to exceed 60 days;
 - (iii) are not located within 304.8 metres (1,000 ft.) of a highway, or 800 metres (0.5 miles) of a highway intersection, unless the prior approval of Alberta Transportation has been obtained; and,
 - (v) are not attached to shipping containers, or attached to licensed or un-licensed vehicles or trailers;
- (q) signs 3.0 m² (32.3 sq. ft.) or less, painted or erected on extensive agricultural parcels, farm buildings and structures promoting or identifying agricultural pursuits or on-site farm products for sale;
- (r) maintenance of a lawful sign that does not alter its location, height, dimensions, structural framework;
- (s) change in copy of a lawful sign provided all such signs are suitably maintained to the satisfaction of the Development Authority; or
- (t) portable signs that otherwise conform to the standards of the bylaw.

- (2) Permits may be required for all the above sign uses (Section 3(1)) if the land is contained within the Airport Protection Area – See Part 5 – Use Specific Provisions, Section 3 (Airport Area Restrictions).

4. SPECIFIC SIGN TYPE STANDARDS

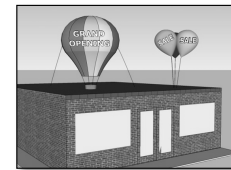
OFF-PREMISES SIGNS

- (1) Off-premises signs shall only identify businesses or services that operate in Lethbridge County, charitable organizations, service clubs, or public and institutional uses. The standards applied to off-premises signs shall be in accordance with the type of sign proposed to relay the message or advertisement, and whether the sign type is allowed in the applicable land use district.

TYPE 1 SIGNS

BALLOON SIGNS

- (2) Notwithstanding that no permit is required in accordance with Section 3 of this Part, a balloon sign shall:
- not be permitted in any residential land use district;
 - be securely anchored or fastened to wind resistant ground structures or building fasteners; and
 - not be located within the public right-of-way, and not hinder or obstruct pedestrian or vehicle traffic.



DIRECTIONAL AND INFORMATIONAL SIGNS

- (3) Directional and informational signs that are either off-premises and/or greater than 0.4 m² (4 sq. ft.) in size require a development permit.
- (4) The Development Authority may limit the number and size of directional signs in commercial, business or industrial parks to ensure the signs are coordinated with the design of the building and site in terms of locations, scale, materials, finishes and colours. Gateway features should be designed and constructed at strategic locations identified in the development site plan.



HOME OCCUPATION SIGNS

- (5) In all Hamlet Residential land use districts, a sign associated with a home occupation shall:
- be limited to one fascia sign, wall sign, shingle type projecting sign or window sign on the premises of an approved home occupation use;
 - not exceed 0.4 m² (4 sq. ft.) in area; or
 - not cover more than 50 percent of the surface area of the window.



- (6) In all land use districts, except the Hamlet Residential land use district, a sign associated with a home occupation shall:
- (a) be limited to one fascia sign, wall sign, shingle type projecting sign, window sign or freestanding sign on the premises of an approved home occupation use;
 - (b) not exceed 1.5 m² (16 sq. ft.) in area;
 - (c) not exceed a total height of 1.5 metres (4.9 ft.) from the ground (as measured from grade); and
 - (d) for a window sign, not cover more than 50 percent of the surface area of the window.
- (7) The standards for home occupation signs may also be applied by the Development Authority to other similar uses, such as Bed and Breakfasts, Tourist homes, Day homes, Day-cares, and Group homes.

POLITICAL / ELECTION SIGNS

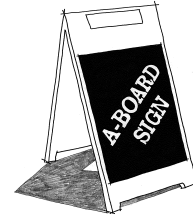
Political / Election Signs, notwithstanding that no permit is required in accordance with Section 3 of this Part, are subject to the following standards:

- (8) Election signs may be placed on private or public property (with the authorization of the property owner).
- (9) No encroachment of an election sign from private property onto public property will be permitted unless it is at a designated location authorized by the municipality.
- (10) Election signs must be located at least 2.0 metres (6.6 ft.) from the edge of the travelling surface of a public roadway.
- (11) Election signs on public property may not exceed 1.5 m² (16.0 sq. ft.) in size nor 3.6 metres (11.8 ft.) in height.
- (12) Candidates shall remove their election signs from public and private property within 14 days after the close of the voting stations on election day.
- (13) If a candidate fails to remove his or her election signs within 14 days after the voting stations close on Election Day, the County may remove them and the candidate shall be liable for the cost of removal.
- (14) When an election sign interferes with work being carried out by County work crews or contractors doing work on behalf of the County, the crews may remove and dispose of such signs.
- (15) The County may remove any election signs which have been erected, affixed, posted or placed on any County property in contravention of this bylaw or which become unsightly or defaced.

SIDEWALK OR A-BOARD SIGNS

Notwithstanding that no permit is required in accordance with Section 3 of this Part, sidewalk signs are subject to the following standards:

- (16) The location of any sidewalk sign shall be such that it does not become a visual obstruction to vehicle traffic, is not located within the public right-of-way, and is located in a manner so as not to hinder pedestrian traffic.
- (17) The maximum height of any lawn sign shall not exceed 1.0 metre (3.28 ft.).
- (18) Not more than two signs shall be permitted on the premises.



WINDOW SIGNS

Window signs, notwithstanding that no permit is required in accordance with Section 3 of this Part, are subject to the following standards:

- (19) Window signs shall not be illuminated in any residential land use district;
- (20) Window signs shall not cover more than 50 percent of the surface area of the window.



SUBDIVISION IDENTIFICATION SIGNS

- (21) A temporary subdivision identification sign, depicting the layout and lots available for purchase, is allowed without a development permit as per a development agreement, and shall meet the following standards:
 - (a) it must be professionally designed and maintained;
 - (b) it must be located on private property adjacent to the entry of the subdivision;
 - (c) it must not exceed 12.0 m² (129.2 sq. ft.) in area unless the sign is located more than 10.0 metres (328.1 ft.) from a roadway;
 - (d) not more than one sign for each entrance to the subdivision shall be installed; and
 - (e) the temporary subdivision identification and sales sign must be removed after five years or upon sale of all the lots, whichever event occurs first.
- (22) Permanent subdivision name signs (e.g. "Mountain Meadows Estates") require a development permit and are subject to the following standards:
 - (a) it must be professionally designed and maintained;

- (b) the sign and structure must be made of durable, low or maintenance free materials that can withstand seasonal weather;
- (c) it must be located on private property adjacent to the entry of the subdivision;
- (c) it must meet any applicable setbacks from roadways;
- (d) it shall not be located over any registered utility easement(s) or right(s)-of-way unless agree to by the County;
- (e) the Development Authority may stipulate design and types of materials to apply to permanent subdivision name signage, including but not limited to, mounting and base type, signboard finish, lighting, copy, and size of letters. As part of a development permit application for such signage, the applicant may be required to submit a professionally designed and drawn to scale sketch of the sign.



(23) Subdivision identification signs are not counted as part of the total signage limitations of a property.

PORTABLE SIGNS

- (24) A portable sign shall only be located on the premises for a period of no longer than 60 days.
- (25) After the stipulated period of time has expired the sign shall be removed at the owner's expense.
- (26) Copy area of a portable sign shall not exceed 3.7 m² (40 sq. ft.).
- (27) The physical size of the sign shall not exceed 4.46 m² (48 sq. ft.).
- (28) Portable signs shall not be projected using animation, digital or electronic changeable copy unless it is located on a parcel designated or associated with commercial or industrial land use, and approved for such at the discretion of the Development Authority.
- (29) No sign shall be located in such a way as to create traffic hazards.
- (30) The same or similar portable sign, portraying the same or similar message or copy, shall not be located or placed on the same parcel of land or site for a period of 30 days from the 60-day expiration of a previous sign installation.
- (31) For a portable sign not complying with the standards as stipulated, the Development Authority may undertake any enforcement measure necessary to ensure compliance with the bylaw.



Portable sign examples

TYPE 2 SIGNS

CANOPY AND PROJECTING SIGNS

- (32) No part of a canopy sign or projecting sign shall project more than 1.2 metres (4 ft.) over a public sidewalk or within 1.0 metre (3.3 ft.) of a curb adjoining a public roadway.
- (33) A canopy sign or projecting sign shall be mounted no less than 2.4 metres (8 ft.) above grade.
- (34) A canopy sign or any physical supports for the sign shall not extend beyond the lateral or vertical dimensions of the canopy or its apron.
- (35) A canopy sign shall be clad with textile material (fabric, cloth, vinyl, PVC, canvas) and not be clad with wood, metal, or solid fibre glass.
- (36) Approval of any canopy sign or projecting sign overhanging public land under this sign Part is conditional upon the owners and/or occupiers of the premises upon which said sign is located entering into an encroachment and hold harmless agreement with Lethbridge County. The agreement may be registered on title.



Fascia sign example



Lawn sign example



Freestanding sign example

FASCIA SIGNS

- (37) Not more than five fascia signs shall be permitted on the building. Buildings with two frontages are allowed to have fascia signs on each side of the building provided the overall combined maximum of five in total is not exceeded.

(38) No fascia sign shall be in excess of 11.1 m² (120 sq. ft.) in area, but two or more permitted signs may be combined if total fascia area does not exceed 44.6 m² (480 sq. ft.).

(39) Whenever there is a band of several fascia signs, they should be of a consistent size and located near the same level as other similar signage on the premises and adjacent buildings.



(40) A fascia sign shall only be permitted either in a non-residential land use district or in conjunction with an approved home occupation subject to Section 4(5) of this Part.

(41) Multi-fascia signs for cluster, multi-tenant or comprehensive mall-like developments may be permitted if warranted by the merits of the case, or as approved in a comprehensive site plan.

(42) Fascia signs projected using animation, digital or electronic changeable copy shall be at the discretion of the Development Authority, and only on parcels designated or approved for commercial or industrial land use. Any sign projected using animation, digital or electronic changeable copy shall also be subject to Section 2(13-26) provisions.

(43) Fascia signs projected using animation, digital or electronic changeable copy, shall be strictly prohibited in any residential land use district.

LAWN AND FREESTANDING SIGNS

(44) The location of any lawn sign shall be such that it does not become a visual obstruction to traffic.

(45) The maximum height of any lawn sign shall not exceed 1.5 metres (4.9 ft.).

(46) Only one sign in total of either lawn or freestanding type are allowed on the premises.

(47) The maximum height of any freestanding sign shall not exceed 10 metres (33 ft.).

(48) The maximum sign area for each face of a freestanding sign shall not exceed 11.1 m² (120 sq. ft.) in area.

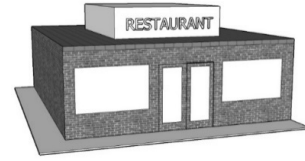
(49) The bottom of any freestanding sign shall not be less than 1.8 metres (5.9 ft.) from ground (average grade) level.

(50) Freestanding signs pertaining to cluster, comprehensive mall-like developments may be required to group business signage onto single freestanding signs (multi-tenant signs) which may warrant a variance on the size restriction by the Development Authority.

(51) Freestanding signs using animation, digital or electronic changeable copy, shall be at the discretion of the Development Authority, and only on parcels designated or approved for commercial or industrial land use. Any sign projected using animation, digital or electronic changeable copy shall also be subject to Section 2(14-26) provisions.

ROOF SIGNS

- (52) No more than one roof sign per building shall be permitted.
- (53) A roof sign shall not project more than 3.0 metres (10 ft.) above the highest point of the roof.
- (54) The sign shall not be placed on the sloped portion of a roof.
- (55) The display surface of a roof sign shall not exceed 8.4 m² (90 sq. ft.).
- (56) Where the roof sign display surfaces are back-to-back in a common structure, it shall be construed to be a single sign.
- (57) Every roof sign shall be erected in such a manner that the support structure, guy wires, braces, and all other secondary supports are not visible, so that the roof sign appears to be an architectural component of the building, unless otherwise directed by the Development Authority.
- (58) No roof sign shall extend beyond the ends or sides of the building.
- (59) Multi-tenant roof signs may be considered by the Development Authority, provided the advertising is located on one roof sign only.



TYPE 3 SIGNS

Any Type 2 sign that also includes digital, illuminated or animated copy shall be categorized as a Type 3 Sign.

- (60) Type 3 signs shall only be permitted in the land use districts as specified.
- (61) Type 3 signs that are illuminated, moving or animated are subject to the standards as outlined in subsections 17 through 30 of section 2 (Illuminated or Animated Signs) of this Part 6.
- (62) In respect of Section 2, General rules and Criteria, Illuminated and Animated signs, no illuminated signage shall be permitted in developments where they might, in the opinion of the Development Authority, affect residents in adjacent housing or residential area.

5. PROHIBITED SIGNS

All signs that are not in accordance with the definitions for signs under Section 1 or deemed to be similar to by the Development Authority shall be prohibited from development. Specific types of signs prohibited include, but are not limited to, the following:

- (1) signs attached to or painted on Shipping Containers (C-containers/sea-containers) which are located on parcels of land for the purpose of communicating a message or advertising;
- (2) signs attached to or painted on licensed or un-licensed vehicles or trailers which are parked for the purpose of communicating a message or advertising;

- (3) flashing or animated signs that are moving or contain digital or electronic message boards, unless approved on commercial or industrial parcels in conjunction with Section 2(13-25) of this Part of the bylaw;
- (4) billboard or similar type signs, as defined in the definitions of this bylaw, whose main purpose is off-premise or third party commercial advertising.



Billboard sign example



Trailer/vehicle sign example



PART 7

ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS

PART 7

ALTERNATIVE / RENEWABLE ENERGY DEVELOPMENTS

1. DEFINITIONS

In addition to the definitions in Part 9 of this bylaw, the following definitions apply to this Part:

Alternative/Renewable Energy, Commercial / Industrial means a use that produces energy (and in some cases other marketable by-products depending on the process utilized) fueled in ways that do not use up natural resources or harm the environment. Energy may be derived from natural and/or non-traditional sources (e.g. geothermal, solar, water, wind, tides, waste, etc.) and once produced is sold and distributed off-site (commercially) to the marketplace.

Alternative/Renewable Energy, Individual means a use that produces energy that is generated from an alternative or renewable source and that is generally derived from natural and/or non-traditional sources (e.g. geothermal, solar, water, wind, tides, waste, etc.) and is primarily utilized on-site for the sole consumption of the landowner, resident or occupant.

Anaerobic Digester means a facility or system designed to process animal manure, organic or septic waste, and typically converts what used to be waste, into biogas. The biogas can be used to heat water or create electricity and may also provide a source of organic fertilizer.

Biodiesel means a clean burning alternative fuel, produced from domestic, renewable resources, such as soy oil and other feedstocks. Biodiesel is made through a chemical process called transesterification whereby the glycerin is separated from the fat or vegetable oil.

Bioenergy means the energy stored in organic matter to generate electricity. This organic matter can include agricultural residues, animal manure, waste wood, wood chips and bark. Bioenergy can be generated in a variety of ways such as Thermal treatment, Anaerobic digestion, Biofuel or Landfill gas.

Biofuel means a fuel derived from biological raw materials or biomass (recently living organisms or their metabolic by-products, such as manure from cows). It is a renewable energy source and typically, it is considered a fuel with an 80% minimum content by volume of materials derived from living organisms harvested within ten years preceding its manufacture.

Blade means an element of a wind energy system rotor, which acts as a single airfoil, thereby extracting kinetic energy directly from the wind.

Blade Clearance means, in reference to a horizontal axis rotor, the distance from grade to the bottom of the rotor's arc.

Geothermal Energy means thermal energy that is generated and stored in the Earth.

Horizontal Axis Rotor means a wind energy conversion system, typical of conventional or traditional windmills, where the rotor is mounted on an axis horizontal to the earth's surface.

Meteorological (MET) Tower is a free-standing tower or a removed mast, which carries measuring instruments with meteorological instruments such as thermometers and wind anemometer. Typically, for wind farms these mount anemometers at a range of heights up to the hub height of the proposed wind turbines (up to heights of 80 meters) and they log the wind speed data at frequent intervals (e.g. every ten minutes) for at least one year and often for two or more.

Micro-hydro means a type of hydroelectric power that typically produces up to 100 kW of electricity using the natural flow of water. These installations can provide power to an isolated home or small community, or are sometimes connected to electric power networks.

Over Speed Control means a device which prevents excessive rotor speed.

Rotor's Arc means the largest circumferential path travelled by a blade.

Small Wind Energy Conversion System (SWECS) means a micro-generation wind energy conversion system consisting of a wind turbine, a tower, and associated control or conversion electronics, which has a rated capacity that does not exceed the allowable rated capacity of 10 kW and which will be used primarily to reduce onsite consumption of utility power:

Type A Small Wind Energy Conversion System: This use is defined as a Small Wind Energy Conversion System that is either roof mounted or has a tower which does not exceed 12.19 metres (40 ft.) in height.

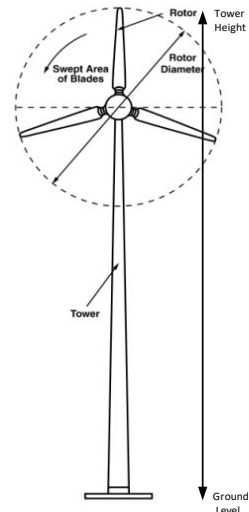
Type B Small Wind Energy Conversion System: This use is defined as a Small Wind Energy Conversion System that has a tower which is greater than 12.19 metres (40 ft.) in height but does not exceed 24.38 metres (80 ft.) in height.

Solar Collector means a device or combination of devices, structures, or part of a device or structure that transforms direct solar energy into thermal, chemical, or electrical energy.

Solar Collector (Individual) means a smaller-scale solar device, array, or panel that transforms direct solar energy into electrical or thermal energy and is primarily utilized on-site, on an individual parcel, lot, or building, for the sole or primary consumption of the landowner, resident or occupant.

Solar Collection Facility/Commercial (utility-scale) means a grouping of multiple devices, panels or structures and the substation that are capable of collecting and distributing solar energy at one megawatt or greater for the purpose of transforming it into thermal, chemical or electrical energy, and typically will tie-in and feed or sell power to the provincial electrical grid transmission or distribution system. The use includes any associated solar panels, solar modules, supports or racks, inverters, electrical transformer or substations required for the operation.

Total Height means the height from grade to the highest vertical extension of a SWECS. In the case of a SWECS with a horizontal axis rotor, total height includes the



distance from grade to the top of the tower, plus the distance from the top of the tower to the highest point of the rotor's arc.

Tower means the structure which supports the rotor above grade (average ground level).

Vertical Axis Rotor means a wind energy conversion system where the rotor is mounted on an axis perpendicular to the earth's surface.

Wind Energy Conversion System (WECS) means a wind energy conversion system consisting of a wind turbine, a tower, and associated control or conversion electronics, which has a rated capacity that is greater than 10kW, the purpose of which is to produce wind energy for the commercial market. These are typically referred to as commercial or industrial wind farms.

2. SOLAR COLLECTORS

SOLAR COLLECTOR INDIVIDUAL

(1) A solar collector (individual) attached to a wall or roof of a building may be permitted in any land use district as an accessory structure without the requirement for a development permit (see Part 2, Development Not requiring A Development Permit, subject to the following:

- (a) A solar collector (individual) mounted on a roof:
 - (i) may project a maximum of 1.22 metres (4 ft.) from the surface of the roof and shall not exceed the maximum height requirements of the applicable land use district; and
 - (ii) must not extend beyond the outermost edge of the roof.



- (b) A solar collector (individual) mounted to a wall:
 - (i) must be located such that it does not create undue glare on neighbouring property or public roadways;
 - (ii) must be located a minimum of 2.44 metres (8 ft.) above grade;
 - (iii) may project a maximum of 1.52 metres (5 ft.) from the surface of the wall, when the wall faces the rear property line, subject to the setback requirements of the applicable land use district; and
 - (iv) may project a maximum of 0.61 metres (2 ft.) from the surface of the wall when the wall faces the front, secondary front or side property line, subject to the setback requirements of the applicable land use district.



(2) A free-standing solar collector or a solar collector mounted to any structure other than a roof or wall of a building shall be classified as an accessory use and processed subject to the applicable land use district (including meeting all required setbacks to roadways and property lines) and the following additional standards:

- (a) A free-standing solar collector or a solar collector mounted to any structure other than a roof or wall of a building:

- (i) must be located such that it does not create undue glare on neighbouring property or public roadways; and
- (ii) must not exceed 4.5 m (15 ft.) in height above existing grade when oriented at maximum tilt, in the GCR and HR land use districts; and
- (iii) must not exceed 6.1 m (20 ft.) in height above existing grade when oriented at maximum tilt, in all other land use districts where the use is allowed.



- (b) In addition to the above two standards (2)(a)(i) and (ii), a free-standing solar collector or a solar collector mounted to any structure other than a roof or wall of a building in any hamlet residential land use district must not be located in the front, secondary front, or side yard.
- (3) Individual free-standing (e.g., ground, pole mount) solar collectors on a parcel that primarily produce power for an individual property, shall apply for a development permit and are deemed to be a discretionary use.
- (4) The use of multiple free-standing solar collectors where the primary purpose and intent of the project is to collect, convert, and feed energy back into the provincial power/electrical grid for the commercial sale and distribution off-site to the marketplace, shall be redesignated to Direct Control and shall be required to obtain a development permit and comply with the following subsection 5.

SOLAR COLLECTOR FACILITIES / COMMERCIAL

- (5) Development permit applications for solar collector facility commercial (utility-scale) installations shall be accompanied by the following additional information:
 - (a) a site suitability analysis including but not limited to: topography; soil characteristics; environmental features and issues; accessibility to a road; compatibility with surrounding land uses; potential impacts to agricultural land and irrigation operations; potential visual impacts, storm water management; and consistency with the policies of the Municipal Development Plan and Land Use Bylaw. If applicable; depending on the type of proposal, availability of water supply, sewage disposal system and solid waste disposal may also need to be provided;
 - (b) information regarding setbacks from public roads, property lines and the proximity to structures or uses on the site and adjacent parcels of land;
 - (c) detailed information about the system type, number of structures, height of structures, and the energy process and rated output, and details on the estimated reflection produced from the solar panels;
 - (d) preliminary grading/drainage plan, including a site construction/grading plan with details on proposed management practices for any soil stripping and erosion control;
 - (e) access to and any potential impacts to public roads;
 - (f) the location of overhead utilities on or abutting the subject parcel and identification of any sensitive, environmental or topographical features which may be present on the parcel;

- (g) decommissioning plan and reclamation plan or agreement with the landowner, to the satisfaction of the Development Authority, to cover the decommissioning and security needed to address the discontinuation and end-of-life of the project;
 - (h) feasible plans and details on methods of weed control management;
 - (i) information regarding setbacks to structures or uses on the site from neighbouring residential dwellings on adjacent parcels of land and the identification (with setbacks) of any clustered or grouped county residential developments located within 2.0 km (1.2 miles);
 - (j) any information regarding general public safety and security measures; and
 - (k) if required by the Development Authority, an Environmental Assessment Review prepared by a qualified professional or other studies and reports to demonstrate site suitability and impact mitigation.
- (6) Applications for solar collector facilities commercial (utility-scale) installations are permitted to be completed within 48 months of the date of issuance of the development permit.

CONDITIONS OF APPROVAL

- (7) As a condition of a development permit approval for a Solar Collection Facility/Commercial (utility scale) development for land designated to Direct Control, Council may impose or instruct the Development Authority to apply, in addition to any other conditions either stipulated or as authorized in other sections of the Land Use Bylaw, the following specific conditions:
- (a) require a condition to enter into a Development Agreement and either a Road Use Agreement or Road Use Maintenance Agreement with the Lethbridge County to address road maintenance and repairs that may arise from the development;
 - (b) place restrictions on the location, height and type of fencing used for the site;
 - (c) require the application of approved weed control measures as the landowner/developer shall be responsible for controlling invasive plant threats and weeds in accordance with the *Alberta Weed Control Act*. A vegetation and weed management plan must be provided to the satisfaction of the municipality, to be reviewed by the Agricultural Services Board and Agricultural Fieldman;
 - (d) stipulate grading, stockpiling, and soil erosion control measures. The landowner/developer shall be responsible to prevent soil loss or deterioration from taking place in accordance with the *Alberta Soil Conservation Act*. Soil erosion must be managed, and a soils management plan must be provided to the satisfaction of the municipality with details on proposed control of erosion caused by both wind and water;
 - (e) the minimum clearance of solar collectors from grade shall be adequate to facilitate and maintain growth of perennial vegetation to prevent soil erosion;
 - (f) the landowner/developer shall be responsible to ensure surface drainage and erosion control must also adequately address and account for impacts associated with the impervious nature of the collectors; and
 - (g) require the provision of financial security in an amount and type acceptable to the municipality to ensure municipal imposed conditions on the development permit are met.

[This is not the same as financial security for future reclamation of the project which is a separate security and to be provided to the province as required.]

- (8) Any required financial security deposit shall be provided in a form and amount to be determined appropriate by the Development Authority based on specific site conditions during the construction period to ensure that soil erosion management and weed control is adequately provided in accordance with the municipally approved vegetation and weed management plan and soils management plan.

3. SMALL WIND ENERGY CONVERSION SYSTEMS (SWECS)

This section establishes standards development for small wind energy conversion systems for micro-generation for use by individual households, agricultural operators or individual businesses or industry. This section is intended to implement the necessary requirements while protecting the scenic and natural resources of Lethbridge County and the safety and welfare of its residents.

PERMIT REQUIREMENTS

- (1) In the Rural Agriculture land use district, a development permit is not required for a Type A SWECS provided it meets the requirements of this Part. (Type A use is defined as a Small Wind Energy Conversion System that is either roof mounted or has a tower which does not exceed 12.19 metres (40 ft.) in height.)
- (2) In all other land use districts other than the Rural Agriculture district, a development permit is not required for Type A SWECS roof mounted, but Type A tower ground mounted and all Type B SWECS (as defined) shall require a development permit unless otherwise stipulated in the bylaw.



INFORMATION REQUIREMENTS

- (3) Applications for SWECS shall include the following information where applicable:
 - (a) all proposed SWECS shall be commercially manufactured, and applications shall include the manufacturers make and model number;
 - (b) the manufacturer's specifications indicating:
 - (i) the SWECS rated output in kilowatts;
 - (ii) safety features and sound characteristics;
 - (iii) type of material used in tower, blade, and/or rotor construction;
 - (iv) blade diameter and rotor clearance;
 - (c) tower height;
 - (d) potential for electromagnetic interference;
 - (e) nature and function of over speed controls which are provided;
 - (f) specifications on the foundations and/or anchor design, including location and anchoring of any guy wires;

- (g) information demonstrating that the system will be used primarily to reduce on-site consumption of electricity;
- (h) specifications on the foundation and/or anchor design, including the location and anchoring of any guy wires;
- (i) engineered plans, prepared by a professional engineer, for SWECS that are mounted or attached to any building demonstrating that the building can structurally support the SWECS;
- (j) a site plan acceptable to the Development Authority indicating:
 - (i) the exact location of the SWECS on the parcel and all buildings and structures, registered easements or right-of-way, and any overhead utilities, dimensioned to the property lines and drawn to a satisfactory scale;
 - (ii) and, if located on a non-agricultural designated parcel, existing and proposed parking and loading areas, driveways, abutting streets, avenues and lanes, and surface drainage patterns.

REFERRALS

- (4) Prior to making a decision on a development application for a SWECS, the Development Authority may refer the application and consider the input of the following agencies and departments:
 - (a) Alberta Utilities Commission,
 - (b) Transport Canada,
 - (c) NavCanada,
 - (d) Alberta Transportation (within prescribed distances to provincial roadways),
 - (e) any other federal or provincial agencies or departments deemed necessary.

SETBACKS

- (5) A SWECS shall comply with all the setbacks that govern the principal use in the district in which it is located, or the setbacks stipulated in Section (6) below, whichever is greater. Greater setbacks may be imposed in conjunction with Sections (8-26), Development Standards, as outlined below.
- (6) The system's tower shall be set back a minimum distance equal to the height of the tower from all property lines and a minimum distance of 3.05 metres (10 ft.) from any other structure on the parcel on which the system is located. On parcels 4.05 hectares (10 acres) or more, the parcel line setback may be reduced if the applicant demonstrates that because of topography, strict adherence to the setback requirement would result in greater visibility of the system's tower than a reduced setback.
- (7) No part of the wind system structure, including guy wire anchors, may extend closer than 3.05 metres (10 ft.) to the property boundaries of the installation site.

DEVELOPMENT STANDARDS

Small Wind Energy Conversion Systems shall comply with the following standards, which may be placed as conditions on a development permit approval:

- (8) There shall be a limit of one (1) SWECS per parcel.
- (9) The system's tower shall not exceed a maximum height of 12.19 metres (40 ft.) on a parcel of less than 0.40 hectare (1 acre), a maximum of 19.81 metres (65 ft.) on a parcel of 0.40 hectare (1 acre) to less than 2.02 hectares (5 acres), and maximum height of 24.38 metres (80 ft.) on a parcel 2.02 hectares (5 acres) or more.
- (10) The system's tower should be located and screened by landforms, natural vegetation, or other means to minimize visual impacts on neighbouring residences and public roads, public trails and other public areas.
- (11) The system's tower and supporting structures shall be painted a single, neutral, non-reflective, non-glossy (for example, earth-tones, grey, black) that, to the extent possible, visually blends the system with the surrounding natural and built environments.
- (12) The SWECS shall not be artificially illuminated except as required by a federal or provincial agency or department.
- (13) The system shall be equipped with manual and automatic over speed controls. The conformance of rotor and over speed control design and fabrication to good engineering practices shall be certified by a licensed mechanical, structural or civil engineer.
- (14) The system's tower-climbing apparatus and blade tips shall be no closer than 4.57 metres (15 ft.) from ground level unless the system is enclosed by a 1.83 metre (6 ft.) high fence.
- (15) The system's utility lines shall be underground where economically practical.
- (16) The system shall be operated such that no electro-magnetic interference is caused.
- (17) The system's maximum power shall not exceed 10 kW.
- (18) Except for on parcels designated as Rural Agriculture, the system shall be located in the rear yard. Special considerations to relax this location standard may be made by the Development Authority for commercial or industrial parcels, based on parcel size, specific site planning issues, and location factors which include consideration for the type of land uses adjacent to the proposal.
- (19) Small wind turbines shall not exceed 60 dB(A), or in excess of 6 dB(A) above the background noise, whichever is greater. The level, however, may be exceeded during short-term events including utility outages and severe windstorms.
- (20) Brand names or advertising associated with the system or the system's installation shall not be visible from any public place.
- (21) Prior to the installation of a SWECS the applicant and/or landowner shall obtain:
 - (a) all relevant federal and provincial permits and permissions;
 - (b) an electrical permit, and if applicable, a building permit;

- (c) wire service provider approval for SWECS with a rated output of less than 10 kW that are proposed to be connected to the grid.
- (22) All components of the SWECS, including any electrical components, shall comply with the Canadian National Standards and shall bear the appropriate certification marks.
- (23) Roof mounted SWECS shall comply with all Alberta Building Code requirements and the applicant and/or landowner shall be responsible for ensuring the roof and support structure is reinforced, braced, or constructed to handle extreme wind conditions and the weight and vibrations of the roof wind turbine unit.
- (24) As a condition on a development permit, the Development Authority may require that the installation of the roof mounted SWEC be reviewed by a structural engineer to verify mounting and structural safety.
- (25) The SWECS system must be installed by a certified electrical contractor prior to operation.
- (26) Upon abandonment or termination of the system's use, the entire facility, including the system's tower, turbine, supporting structures and all equipment, shall be removed and the site shall be restored to its pre-construction condition (refer to Section 27).

DECOMMISSIONING

- (27) Where the SWECS has been inactive for more than 12 consecutive months the applicant and/or landowner is required to decommission and remove the system at their expense. If the SWECS is not decommissioned and removed after 12 months of inactivity, the County may undertake enforcement action.
- (28) Prior to removal of the SWECS the applicant and/or landowner shall submit documentation to the Development Authority demonstrating that the system has been disconnected from any electrical utilities.
- (29) All refuse associated with the decommissioning and dismantling of the SWECS shall be removed from the property and disposed of appropriately.
- (30) Upon removal of the SWECS the property shall be restored to its pre-construction condition to the satisfaction of the Development Authority.

METEOROLOGICAL (MET) TOWERS

- (31) Towers that are not regulated through Transport Canada may be required by the Development Authority to be marked with aviation paint (e.g., banding in orange and white or otherwise conspicuous colour combination) and marker balls (in solid orange) installed on the top of guy wires. This may be stipulated as a condition on a development permit approval.
- (32) A MET tower not regulated through Transport Canada shall comply with the following setbacks:
 - (a) the tower shall be set back a minimum distance equal to the total height of the tower from all property lines;
 - (b) the tower's guy wire anchors may extend no closer than 3.05 metres (10 ft.) to the property boundaries of the installation site;

- (c) the tower shall comply with all required setbacks to municipal roads or provincial highways, unless a variance has been approved by the Development Authority or Alberta Transportation.

4. WIND ENERGY CONVERSION SYSTEMS (WECS) – COMMERCIAL/INDUSTRIAL

This section establishes standards for the development of alternative energy projects for the purpose of producing wind energy for the commercial market. These are typically referred to as commercial or industrial wind facilities.



INFORMATION REQUIREMENTS

- (1) For the purposes of a development permit application, WECS will be classified as commercial if they produce more than 10 Kw or produce wind energy for the commercial market:
- (2) All development applications for a WECS may be required to be accompanied by the following if determined necessary by the Development Authority:
 - (a) an accurate site plan showing and labelling the information outlined in this section (with GIS coordinates), the location of any existing turbines, and the location of overhead utilities on or abutting the subject lot or parcel;
 - (b) an analysis of the visual impact of the project, especially with respect to the scenic qualities of the County landscape. The analysis will include the cumulative impact if other WECS are in the area and the impact of overhead transmission lines and photos from residences;
 - (c) scale elevations or photographs of the proposed WECS showing total height, tower height, rotor diameter, and colour;
 - (d) the manufacturer's specifications indicating:
 - the WECS rated output in megawatts;
 - safety features and sound characteristics;
 - type of material used in tower, blade, and/or rotor construction;
 - (e) an analysis of the potential for noise, both at the site of the installation and at the boundary of the property containing the development – Provincial Noise Standards must be met (see AUC rule 12);
 - (f) specifications on the foundations and/or anchor design, including location and anchoring of any guy wires;
 - (g) the results of any public consultation process;
 - (h) the status of the applicant's circulation to NavCanada, Transport Canada, Alberta Utilities Commission and any other government departments required for provincial approval;
 - (i) any information regarding general public safety;

- (j) any impacts to the local road system including required approaches from public roads having regard to Lethbridge County standard;
 - (k) plans and methods of weed control;
 - (l) a plan outlining how the site will be decommissioned and reclaimed after the development has ceased and confirmation of an agreement with the landowner, to the satisfaction of the municipality, to cover the decommissioning and security needed to address the discontinuation and end-of-life of the project.
- (3) The Development Authority may also request that a post-construction reclamation plan be to ensure any new roadways or ditches required for the site are cleaned-up.
- (4) As a condition of approval, Lethbridge County may require a bond or irrevocable letter of credit to ensure the reclamation/decommissioning plan is implemented. The condition may include a periodic review of the bond or letter of credit to ensure the amount is sufficient to implement the reclamation/decommissioning plan.
- (5) As a precursor to decommissioning, the County may request that the developer provide a status report on the defunct operation.
- (6) If an application requires the provision of a plan outlining how the site will be decommissioned and reclaimed to the state prior to the development, the plan should include information relating to:
- (a) treatment of footings,
 - (b) reclamation of roads and other disturbances,
 - (c) notice to land owners and the municipality,
 - (d) containment of hazardous materials,
 - (e) site security,
 - (f) discussion of the timetable for the submission of a final decommissioning plan.
- (7) As a condition of a development permit approval for commercial WECS (utility scale) development the Development Authority may apply, in addition to any other conditions either stipulated or as authorized in other sections of the Land Use Bylaw, the following specific conditions:
- (a) require a condition to enter into a Development Agreement and either a Road Use Agreement or Road Use Maintenance Agreement with the Lethbridge County to address road maintenance and repairs that may arise from the development;
 - (b) require the application of approved weed control measures as the landowner/developer shall be responsible for controlling invasive plant threats and weeds in accordance with the *Alberta Weed Control Act*. A vegetation and weed management plan must be provided to the satisfaction of the municipality, to be reviewed by the Agricultural Services Board and Agricultural Fieldman;
 - (c) stipulate grading, stockpiling, and soil erosion control measures. The landowner/developer shall be responsible to prevent soil loss or deterioration from taking place in accordance with the *Alberta Soil Conservation Act*. Soil erosion must be managed, and a soils

management plan must be provided to the satisfaction of the municipality with details on proposed control of erosion caused by both wind and water;

- (d) the landowner/developer shall be responsible to ensure surface drainage and erosion control must adequately be accounted for on the site; and
- (e) require the provision of an emergency management plan acceptable to the municipality.

REFERRALS

- (8) Prior to making a decision on a development application for a WECS, the Development Authority should refer and consider the input of the following agencies and departments:
 - (a) Alberta Utilities Commission,
 - (b) Transport Canada,
 - (c) NavCanada,
 - (d) Alberta Culture and Community Spirit,
 - (e) Alberta Environment and Protected Areas,
 - (f) AESO (Alberta Energy Systems Operator),
 - (g) STARS (air ambulance),
 - (h) Alberta Transportation (within prescribed distances to provincial roadways),
 - (i) any other federal or provincial agencies or departments deemed necessary.
- (9) The Development Authority shall also refer a development application for a WECS to:
 - (a) an adjacent municipal jurisdiction if the boundaries of the municipal jurisdiction are within 1.6 km (1 mile) of the proposed WECS, or other distance as specified in any applicable Intermunicipal Development Plan;
 - (b) landowners within 2 km (1.2 miles) of the proposed WECS.

SETBACKS

- (10) A WECS shall comply with all the setbacks that govern the principal use in the district in which it is located, or the setbacks stipulated in Section (11) below, whichever is greater. The distance shall be measured to the outside of the rotor arc. However, in the case of where a single project wind farm is to be located on land owned by the same land owner, but on separate titles or quarter sections, the required setbacks to adjacent property lines involved in the development proposal may be exempted. Similarly, if a single project involved different landowners' titles, those landowners may grant consent whereas the Development Authority may relax the required setback to adjacent property lines involved in the development proposal.
- (11) Where, in the opinion of the Development Authority the setbacks referred to in Section (10) above are not sufficient to reduce the impact of a WECS from a public roadway or a primary highway, the Development Authority may increase the required setback.
- (12) A WECS shall be located so that the horizontal distance measured at grade from the tower to any road or property boundary is at least the total height of the WECS;

- (13) In the case of multiple WECS, setbacks can be increased from the minimum setback requirements of Section (12) above or as stipulated in the applicable land use district depending upon the number of WECS in a group and the prominence of the location.
- (14) Meteorological (MET) towers shall comply with the following setbacks:
- (a) the tower shall be set back a minimum distance equal to the total height of the tower from all property lines (with the exception of adjacent property lines involved in the same development proposal in accordance with section (10) of this part);
 - (b) the tower's guy wire anchors may extend no closer than 3.05 metres (10 ft.) to the property boundaries of the installation site;
 - (c) the tower shall comply with all required setbacks to municipal roads or provincial highways, unless a variance has been approved by the Development Authority or Alberta Transportation; and
 - (d) the tower may be required to be marked with aviation paint (e.g., banding in orange and white or otherwise conspicuous colour combination) and marker balls (in solid orange) installed on the top of guy wires, in accordance with Transport Canada requirements or guidelines.
- (15) Bat or bird monitoring towers are considered to be similar use as meteorological towers and development application permits may be processed and approved in a similar manner by the Development Authority. The setbacks listed in above section (14)(a) through (d) shall also apply.

MINIMUM BLADE CLEARANCE

- (16) The minimum vertical blade clearance from grade shall be 7.50 metres (24.6 ft.) for a WECS employing a horizontal axis rotor unless otherwise required by the Development Authority.

TOWER ACCESS AND SAFETY

- (17) To ensure public safety, the Development Authority may require that:
- (a) a security fence with a lockable gate shall surround a WECS tower not less than 1.80 metres (5.9 ft.) in height if the tower is climbable or subject to vandalism that could threaten tower integrity;
 - (b) no ladder or permanent tower access device shall be located less than 3.66 metres (12 ft.) from grade;
 - (c) a locked device shall be installed on the tower to preclude access to the top of the tower;
 - (d) all of the above be provided or such additional safety mechanisms or procedures be provided as the Development Authority considers reasonable and appropriate;
 - (e) the use of tubular towers, with locked door access, will preclude the above requirements.

TRANSMISSION LINES

- (18) All powerlines on the site of the approval to the substation or grid shall be underground except where the Development Authority approves overhead installation in case specific purposes.

COLOUR AND FINISH

- (19) Unless otherwise required by the Development Authority, a WECS shall be finished in a non-reflective matte and in a colour which minimizes the obtrusive impact of a WECS to the satisfaction of the Development Authority.
- (20) No lettering or advertising shall appear on the towers or blades. In other parts of the WECS, the only lettering permitted will be the manufacturer's identification or municipal symbol.

NUMBER OF WECS

- (21) Two or more WECS on a parcel or lot will be considered a multiple WECS for the purposes of this bylaw.
- (22) The Development Authority may approve multiple WECS on a case-by-case basis having regard for:
- (a) proximity to other immediate land uses,
 - (b) density of WECS,
 - (c) underlying utilities,
 - (d) information received through the circulation process and at a public meeting if one is required in accordance with Section (23) below.

PUBLIC CONSULTATION

- (23) An application for a commercial WECS shall be subject to the following requirements:
- (a) Prior to a decision being made by the Development Authority, a developer of a WECS must conduct a public consultation program, at the complete expense of the developer, which provides all landowners and residents within 2 km (1.2 miles) of the property or parcel subject to a WECS proposal information regarding the proposal.
 - (b) The public consultation program shall include one (1) public meeting prior to the application for a WECS being submitted to the County.
 - (c) The notice for the public meeting may be made either by mail our or newspaper advertising.
 - (d) The applicant shall prepare a report or summary of the comments or feedback received from the public in regard to the proposal, with a copy of the report submitted to the Development Authority.
- (24) The Development Authority may exempt a public consultation process, as stipulated in Section (23)(b) above, for any proposal for 6 or less WECS if warranted with consideration for the location of the land, adjacent land uses, and any natural, scenic or ecological features of the landscape.

DEVELOPMENT COMMENCEMENT

- (25) Applications for commercial WECS installations are permitted to be completed within 48 months of the date of issuance of the development permits.

5. OTHER ALTERNATIVE OR RENEWABLE ENERGY COMMERCIAL / INDUSTRIAL DEVELOPMENT PROJECTS

All alternative or renewable energy commercial or industrial developments, such as but not limited to, geothermal, micro-hydro, solar photovoltaic, solar thermal, geo-exchange, anaerobic digesters, waste-to-energy, biodiesel, biofuel or fuel cells, require a development permit. This section is specific and applicable to those commercial/industrial development projects whose primary intent and purpose is to process, sell and/or export energy (or any other by-product of a particular process) off-site.

INFORMATION REQUIREMENTS

- (1) A development permit application shall be accompanied by the following information:
 - (a) an accurate site plan showing and labelling the proposed development and the location of overhead utilities on or abutting the subject lot or parcel, and identification of any sensitive, environmental or topographical features which may be present on the parcel, including canals, streams or water wells;
 - (b) detailed information on the type of facility, structure or system and the energy process involved;
 - (c) the manufacturer's specifications indicating (if applicable):
 - the rated output in megawatts,
 - safety features and sound characteristics;
 - (d) any information regarding general public safety;
 - (e) identification of any impacts to the local road system including required approaches from public roads having regard to Lethbridge County standards;
 - (f) information regarding setbacks from property lines and the proximity to structures or uses on both the site and adjacent parcels of land;
 - (g) information or verification of the proposed source of water if required for the type of facility such as an ethanol plant; and
 - (h) a plan outlining how the site will be decommissioned and reclaimed if the use is discontinued.
- (2) Large commercial/industrial facilities shall submit studies identifying noise, odour, and pollutant impacts and how these impacts will be addressed.

SETBACKS

- (3) The buildings or structures of a commercial or private energy project shall comply with all the property line and public roadway setbacks as established in the district in which it is located.
- (4) In addition to the requirements of Section (3) above, structures or facilities related to anaerobic digesters, biodiesel, or biofuels developments shall not be located within:
 - (a) 250.0 metres (820 ft.) of any neighbouring residential dwelling or public use facility or building;

- (b) 120.0 metres (394 ft.) of the boundary or right-of-way a nearby irrigation district canal, creek, stream, river, lake shore or water body.
 - (c) The parts of the project related to the transmission lines and associated structures and to the roads, culverts, etc. associated with the facility may be allowed within 30.48 metres (100 ft.) of a water body.
- (5) The Development Authority may require a larger setback than required in the applicable land use district having regard for the location of the development, adjacent land uses and natural, scenic or ecologically features of the landscape.

DEVELOPMENT APPLICATION REFERRALS

- (6) Prior to making a decision on a development application for an alternative or renewable energy commercial project, the Development Authority may refer and consider the input of the following agencies and departments:
- (a) Alberta Utilities Commission,
 - (b) Transport Canada,
 - (c) NavCanada,
 - (d) Alberta Culture and Community Spirit,
 - (e) Alberta Environment and Protected Areas,
 - (f) AESO (Alberta Energy Systems Operator),
 - (g) STARS (air ambulance),
 - (h) Alberta Transportation and Economic Corridors (within prescribed distances to provincial roadways),
 - (i) any other federal or provincial agencies or departments deemed necessary.

DEVELOPMENT STANDARDS

Depending on the type of alternative or renewable energy project proposed, the Development Authority may require that the applicant comply with any or all of the following standards or requirements:

- (7) All surface drainage must be contained on site and any adjacent water bodies must be adequately protected from run-off.
- (8) The applicant is responsible for preparing at their own expense an engineered surface drainage management plan and submitting an application for approval to Alberta Environment and Protected Areas, if applicable.
- (9) Any biodiesel waste or water contaminated with biodiesel, is prohibited to be discharged directly into any sewers or surface waters.
- (10) All feedstock and materials are to be stored and contained within buildings, and no outside storage is permitted.

- (11) That the semi-truck traffic used for the hauling and shipment of raw material or feedstock and finished/processed goods associated with the development shall be limited to a designated truck haul route as agreed to or specified by Lethbridge County.
- (12) The preferred location of alternative or renewable energy commercial or industrial developments is on parcels designated for heavy industry land use and located in proximity to highways or railway corridors. The Development Authority may require a parcel redesignation to the applicable industrial land use district be approved prior to accepting a development application.
- (13) The applicant is responsible to apply for any Alberta Environment and Protected Areas, AUC, AER or other applicable provincial approvals or permits that may be required and must provide the municipality with a copy to be kept on file.
- (14) All energy transmission lines on the site of the energy generating facility to the substation or grid shall be underground unless otherwise approved by the Development Authority.
- (15) The Development Authority may apply to any energy generating facility any other standards that are provided for in the Land Use Bylaw, including:
 - (a) a condition to enter into a road use agreement with the County to address road maintenance and repairs that may arise from the development;
 - (b) a condition to post security with the County; and
 - (c) a condition to allow the developer to register the approved project in phases.
- (16) The Development Authority may stipulate any or all of the Sections (7) through (15) criteria listed above to be addressed by the applicant as a condition of a development permit application approval.
- (17) Any licence, permit, approval or other authorization granted by AUC or AER shall prevail over any Land Use Bylaw requirements or development permit decisions or conditions if there is a perceived conflict.



PART 8

SUBDIVISION CRITERIA

PART 8

SUBDIVISION CRITERIA

The following criteria in this schedule apply to the subdivision of land for various land uses:

1. GENERAL CRITERIA

These general criteria shall apply to all subdivision applications:

- (1) Data provided to support a redesignation application may be required to be adopted by an area structure plan or approved design scheme. Area structure plans or design schemes may be requested where:
 - (a) more than one owner is involved;
 - (b) several pieces of fragmented land are adjacent to the proposal;
 - (c) three or more lots are to be created; and/or
 - (d) when internal public roads are required.
- (2) In some areas of the County, statutory plans have been adopted and may contain certain standards or requirements that shall be complied with.
- (3) Potable water:
 - (a) All subdivisions shall have a potable water supply suitable to Lethbridge County and Alberta Environment.
 - (b) In compliance with the *Water Act*:
 - (i) On subdivision applications that create or amount to six or more lots in a quarter section and propose to use a licenced source of water, a certified water report will not be required as part of the application. The application will be circulated to the Water Resources Administrator, Alberta Environment for comment. A report would be required if requested by Alberta Environment.
 - (ii) On subdivision applications that create or amount to six or more lots in a quarter section and propose to use an unlicensed water supply, a certified water report will be required with the application. The application and report will be circulated to the Water Resources Administrator, Alberta Environment for evaluation.
 - (iii) The approval authority should not consider the application for a decision until the comments are received.
- (4) Soil and geotechnical reports:
 - (a) Subdivision applicants may be requested to provide at their expense, a professional soil test/analysis at any time the approval authority is of the opinion it is warranted, to

determine the suitability of the land for private sewage septic systems in relation to the subdivision proposal.

- (b) Professional engineered geotechnical reports or tests may be requested to be provided at the applicant's expense to ensure the site being subdivided is suitable in terms of topography, soil characteristics, slope stability, flooding subsidence, erosion and sanitary sewerage servicing.
- (5) Municipal Engineering Standards: The County has adopted an *Engineering Guidelines and Minimum Servicing Standards* manual which is to be consulted and applied to any type of subdivision proposal on any lands. Developers will be responsible for complying with the requirements outlined in these standards and additional information may be requested by the County as deemed necessary. Conditions may be placed on a tentative subdivision approval to address any servicing standards issues.
- (6) Applications for a redesignation to the Grouped Country Residential land use district shall be circulated for comment to:
 - (a) the Regional Health Authority,
 - (b) Alberta Agriculture, Food and Rural Development,
 - (c) Alberta Environment and Protected Areas,
 - (d) applicable irrigation district,
 - (e) Alberta Transportation if the parcel is adjacent to or within 800 metres of a provincial highway, and
 - (f) any other provincial agency that may be affected by the proposal.
- (7) All requirements of this bylaw must be met for the proposed parcel(s) and the residual parcel.
- (8) In all cases, a proposed parcel and residual parcel shall have at least 0.8 ha (2.0 acres) of developable land, unless the parcel is located within a hamlet or sanitary sewer provisions allow for smaller parcels and the County has given the appropriate approval for this.
- (9) The proposed lot to be subdivided and the residual lot must both have direct legal and physical access to a public roadway. The Subdivision Authority may at its discretion, consider allowing access to a proposed lot or residual lot by way of a registered easement or right-of-way in limited circumstances, such as when both direct legal and physical access is impossible due to a significant physical barrier (i.e., irrigation canal, river valley) which makes it impossible to obtain physical access to a public road. In such a circumstance, an easement or right-of-way plan may only be registered over one parcel (title) to grant legal access to the isolated parcel.
- (10) On an unsubdivided quarter-section of land designated as *Rural Agriculture – RA* or *Urban Fringe – UF* the approval authority may only approve one initial subdivision from the quarter-section. With respect to the applicability of this policy:
 - (a) The approving authority may consider a quarter-section to be unsubdivided if previous subdivisions were for the purpose of public or quasi-public use (as defined in this bylaw).

- (b) Further or additional limited subdivision opportunity may be considered in some defined instances (e.g., subdivision of existing small titles, subdivision of cut-off (fragmented) parcels, etc.) in accordance with the policies and criteria of this Part 8.
- (c) Additional subdivision criteria depending on the particular use of the parcel are identified in Sections 3-6 of this Part.

[For quarter-sections that have been subdivided, the subdivision policies and criteria as outlined in Sections 7-11 of this Part will be applicable and/or the parcel's applicable designated land use district criteria and standards.]

- (11) The criteria stipulated in sections 2 - 6, and 10 -13 of this Part, apply to subdivisions on lands designated as *Rural Agriculture – RA*, *Urban Fringe – UF* land use districts unless otherwise indicated.
- (12) The subdivision of a proposed vacant parcel shall only be considered by the approval authority in conformity to the applicable policies including Section 3, Extensive Agricultural Uses; Section 6, Single Lot Vacant Bareland Country Residential; Section 12, Cut-off (Fragmented) Parcels; and Section 13, Property Realignment and Subdivision of Existing Small Titles.
- (13) Where a parcel or lot has been designated to a land use district that allows for multi-lot subdivision of land (e.g., *Grouped Country Residential - GCR*, *Rural General Industrial – RGI*, *Business Light Industrial- BLI*, *various hamlet districts*, etc.) the applicable designated land use district's policies, minimum lot sizes and standards of development shall apply, which are dependent on the type of use proposed and the availability of servicing.

2. APPLYING MINIMUM DISTANCE SEPARATION CALCULATIONS TO SUBDIVISIONS

For the purpose of applying the minimum distance separation calculation to subdivision proposals, the following criteria shall be applied:

- (1) The proposal must meet or exceed the minimum distance separation (MDS) requirements from an existing confined feeding operation (CFO), as established in the *Agricultural Operations Practices Act Standards and Administration Regulation*; and will be measured in the following manner:
 - (a) For existing farmsteads or yards with a dwelling present – measured from the closet point of the existing dwelling wall to the closest point of the CFO facility, including barns, pens, corrals or manure storage or composting areas.
 - (b) For vacant or bareland parcels – measured from the closet point of the existing or proposed new property line (whichever is closer) to the closest point of the CFO facility, including barns, pens, corrals or manure storage or composting areas.
 - (c) The MDS requirements shall apply to a CFO owner/operator who applies to subdivide their own dwelling from the quarter section or parcel, including if the residence is located on the same site/parcel that may contain their own livestock confined feeding operation.
 - (d) The MDS requirements do not apply to a subdivision for an Industrial use or the subdivision of a quarter-section into two 80-acre titles.

- (e) The MDS requirements shall apply to a subdivision for the purpose of a school, food establishment, commercial and high-use recreational use.
- (2) The resubdivision of an existing title of land that contains 8.1 ha (20 acres) or less of farmable land shall not be permitted if the parcel or existing dwelling lies within any applicable MDS from an existing CFO.
- (3) An existing farmstead or country residential yard that was in existence prior to a separate adjacent or neighbouring CFO being established may, at the sole discretion of the Subdivision Authority, be granted a waiver of any MDS measurement that would normally be applied to a subdivision proposal if:
 - (a) it can be demonstrated to the satisfaction of the Subdivision Authority that the farmstead or country residential dwelling was in fact developed/established before a neighbouring CFO was either granted a permit or began operations; and
 - (b) it can be determined that the CFO is limited in expansion capabilities due to the presence and location of the existing dwelling; and
 - (c) it can be verified that the dwelling in which the MDS is being applied to existed prior to August 1998, the date in which the MDS regulation became a policy in County of Lethbridge Land Use Bylaw No.1170.
 - (d) The owner/operator of a CFO who has on the same parcel of the CFO a farmstead or country residential yard containing a dwelling that was in existence prior to August 1998 and/or their own CFO being established, are not applicable for consideration a relaxation of the MDS to their own operation as afforded in section (3)(a) through (c) as described above.

3. EXTENSIVE AGRICULTURAL USES

For the purpose of subdividing or realigning areas or boundaries of agricultural titles, the following criteria shall apply:

- (1) A previously unsubdivided quarter-section of irrigated or dryland may be considered for subdivision approval into two 32.4 ha (80 acres) titles provided other standards and requirements of the bylaw are met, including provisions (2) through (7) of this section.
- (2) No irrigated or dryland parcel will be less than 32.4 ha (80 acres) in size except as provided in subsection (3).
- (3) Parcel sizes for extensive agricultural uses on irrigated or dryland parcels shall be:
 - (a) 32.4 ha (80 acres) having no registered exceptions from the title;
 - (b) 28.3 ha (70 acres) having a maximum of 4.0 ha (10 acres) of registered exceptions for rights-of-way or public uses.
- (4) The approval authority may only approve one separately titled subdivision on an unsubdivided quarter-section unless other criteria of this Part 8 section apply. The approving authority may consider a quarter-section to be unsubdivided if previous subdivisions were for the purpose of public or quasi-public use.

- (5) If a quarter-section has been subdivided into two 32.4 ha (80 acres) titles, the 32.4 ha (80 acres) titles are ineligible to be further subdivided to allow the creation of a separate title unless the land is designated to a land use district that permits additional subdivision, or subsection (6) below is applicable.
- (6) The subdivision of an undeveloped or developed cut-off (fragmented) parcel may be considered for approval from both a 64.8 ha (160 acres) and a 32.4 ha (80 acres) parcel if it complies with the cut-off subdivision criteria of Section 12, subsection (1).
- (7) Adjacent lands may be reconfigured and consolidated to achieve the minimum required parcel size.

4. CONFINED FEEDING OPERATIONS

- (1) The approval authority shall only approve an application for subdivision for a confined feeding operation (CFO) as defined and established under the *Agricultural Operations Practices Act Standards and Administration Regulation*, if the parcel has an area of 32.4 ha (80 acres) in size having no registered exceptions from the title, or 28.3 ha (70 acres) having a maximum of 4.0 ha (10 acres) of registered exceptions for rights-of-way or public uses.
- (2) The owner/operator of a CFO may subdivide from the parcel containing the CFO a farmstead or country residential yard containing a dwelling, or a vacant parcel, provided that:
 - (a) the parcel is to be subdivided from a previously unsubdivided quarter-section or title containing 64.8 ha (160 acres) of land in consideration of parcel sizes outlined in section 3 above or is a cut-off (fragmented) parcel;
 - (b) the proposal must meet or exceed the minimum distance separation (MDS) requirements from an existing confined feeding operation (CFO), as established in the *Agricultural Operations Practices Act Standards and Administration Regulation*; and
 - (c) the parcel size, siting and suitability criteria stipulated in Sections 5, 6 or 12, depending on the type of proposal, can be met.

5. COUNTRY RESIDENTIAL USES

- (1) A proposed subdivision for a single lot (isolated) country residential use for a developed residence may only be approved if:
 - (a) it is located on an unsubdivided quarter-section or title containing 64.8 ha (160 acres) of land in consideration of parcel sizes outlined in section 3 above; and,
 - (b) the area of the proposed lot is as small as possible in order to conserve agricultural land but must contain a minimum 0.8 ha (2.0 acre) of developable land, with a **maximum flexible parcel** size of 1.2 to 4.05 ha (3.0 to 10 acres) based on the existing improvements; and
 - (i) the parcel size shall be limited by the location and extent of related buildings, structures and improvements, including septic systems, on the developed residence or farmstead site; and

- (ii) by physical characteristics, well-established tree shelterbelts, vegetation and such other land as is required to provide for physical access to the proposed lot;
the proposed lot on which the dwelling is located and the proposed residual lot both have direct legal and physical access to a public roadway;
 - (d) the size and location of the proposed lot will not significantly affect the irrigation system of the area;
 - (e) the dwelling unit located on the proposed country residential lot can meet or exceed the minimum distance separation (MDS) requirements from an existing confined feeding operation, as established in the *Agricultural Operations Practices Act Standards and Administration Regulation*.
- (2) For determining the maximum parcel size, the Subdivision Authority will consider if:
- (a) the proposed parcel is further developed with accessory buildings, such as sheds, shops and garages, agricultural buildings such as Quonsets and grain bins, structures such as storage compounds and/or storage or areas used for farm machinery, produce and fertilizer, dugout and/or water well and septic system;
 - (b) the parcel is of a compact size and physically defined by topography, historic or well-established shelterbelts or other physical characteristics; and
 - (c) the parcel does not include any cultivated farmland, pasture land used for grazing of animals or lands suitable for agricultural production unless included within a shelterbelt and/or physically defined area. Fencing alone, along with corrals and animal shelters, shall not constitute a physically defined area if it encompasses agricultural land or hazard lands that are not necessary for the habitation of the proposed subdivision and that may be left with the larger agricultural parcel unless impractical to do so. Grain bins may also not constitute a physically defined area and may be excluded from the residential yard.
- (3) For any proposal that exceeds the maximum parcel size, the Subdivision Authority may exclude any feature or improvement not necessary for the habitation of the proposed subdivision and that may be left with the larger agricultural parcel, such as fencing, grain bins, corrals and animal shelters.
- (4) Applications for single lot (isolated) country residential uses shall have the residual parcel sizes outlined in Section 3 (1)(b) of this Part.
- (5) In instances where a proposed subdivision may result in a remaining or remnant land area that would be less than 100 m (328 ft.) in width between the new property line being created and the adjacent quarter section or adjacent property line, the Subdivision Authority may approve the proposal on the condition that the parcel being subdivided is to be squared-off or extended to the closest quarter section or adjacent property line to eliminate the intermediary strip of land.

6. SINGLE LOT VACANT (BARELAND) COUNTRY RESIDENTIAL

- (1) A subdivision which proposes to subdivide a farmstead without a habitable dwelling or create a single (isolated), vacant country residential lot as the first parcel out of a quarter-section or title containing 64.8 ha (160 acres) of land may be approved provided that:
 - (a) the proposed lot to be created is a maximum of 1.2 ha (3 acres) in size; and
 - (b) the proposed single residential lot contains, in the opinion of the approval authority, a buildable site including a minimum 0.8 ha (2.0 acres) of developable land; and
 - (c) the proposed single residential lot can be serviced to the satisfaction of the approval authority, including the provision of potable water and septic; and
 - (d) the proposed lot and the residual parcel both have direct legal and physical access to a public roadway to the satisfaction of the Subdivision Authority; and
 - (e) the access is satisfactory to Alberta Transportation where the access is onto or in close proximity to a primary highway; and
 - (f) the size and location of the proposed lot will not significantly affect any irrigation system in the area; and
 - (g) the parcel boundary of the proposed vacant country residential lot can meet or exceed the minimum distance separation (MDS) requirements from an existing confined feeding operation, as established in the *Agricultural Operations Practices Act Standards and Administration Regulation*; and
 - (h) the development on the proposed single residential lot will not, in the opinion of the approval authority, inhibit public access to or otherwise have a detrimental effect on agriculture or the recreational use of a river valley, water body, environmentally sensitive area or special scenic location; and
 - (i) the applicant has a professional soils tests/analysis done at their expense to ensure that the soil characteristics are capable of supporting a private septic system. Analyses of the test must be performed and approved by an engineer or approved agency under Alberta Municipal Affairs, with a copy of the report submitted to the Subdivision Authority as a condition of subdivision approval unless deemed necessary as part of the submitted application; and
 - (j) the subdivision application includes a tentative subdivision plan as prepared by a certified Alberta Land Surveyor which illustrates the location, area and dimensions of the parcel to be subdivided.
- (2) Applications for single (isolated), vacant country residential uses shall have the residual parcel sizes outlined in Section 3 (1)(b) of this Part.

7. GROUPED COUNTRY RESIDENTIAL USES

- (1) Lands defined as higher quality agricultural land should not be approved for grouped country residential uses; cut-off parcels may be considered for approval. Exceptions to prohibiting subdivision on higher quality agricultural land may be considered with regard to applicable Municipal Development Plan policies.

- (2) No area shall be approved for the subdivision of grouped country residential use unless it is specifically designated for the use under the Land Use Bylaw.
- (3) Grouped country residential development will be discouraged in areas shown in the Municipal Development Plan as being land where confined feeding operations are encouraged.
- (4) Grouped country residential uses will be encouraged to locate within the areas shown in the Municipal Development Plan as being areas where confined feeding operations are restricted. In these areas, with an approved area structure plan, Council may redesignate parcels of land having consideration for:
 - (a) protection of high quality agricultural land,
 - (b) comments from affected persons,
 - (c) effects on the irrigation system,
 - (d) servicing capabilities or constraints,
 - (e) storm water drainage,
 - (f) other applicable policies of the Municipal Development Plan.
- (5) Except where lands have been redesignated to the *Grouped Country Residential – GCR* district, the Subdivision Authority shall not approve any application for subdivision approval which would create more than three parcels per quarter section in the *Rural Agriculture – RA*, *Urban Fringe – UF* and *Lethbridge Urban Fringe – LUF* land use districts.

8. COMMERCIAL AND INDUSTRIAL USES

- (1) Lands defined as higher quality agricultural land should not be approved for industrial or commercial use subdivisions; cut-off parcels may be considered for approval. Exceptions to prohibiting subdivision on higher quality agricultural land may be considered with regard to applicable Municipal Development Plan policies.
- (2) No area shall be approved for the subdivision of industrial/commercial use unless it is specifically designated for the use under the Land Use Bylaw. The applicable designated land use district's policies, minimum lot sizes and standards of development shall apply to the subdivision, which are dependent on the type of use proposed and the availability of servicing.
- (3) Where there are more than 4 contiguous industrial/commercial designated parcels proposed or in an intermunicipal area where it is required, an Area Structure Plan or Concept Plan will be submitted to support the development. The proposed subdivision must conform to the plan approved for the land.
- (4) Industrial and Commercial uses will be encouraged to locate within the areas shown in the Municipal Development Plan. In these areas, Council may redesignate parcels of land having consideration for:
 - (a) protection of high-quality agricultural land,
 - (b) comments from affected persons,

- (d) servicing capabilities or constraints,
 - (e) storm water drainage,
 - (f) other applicable policies of the Municipal Development Plan.
- (5) Except where lands have been redesignated to an Industrial or Commercial district, the Subdivision Authority shall not approve any application for subdivision approval which would create an Industrial or Commercial Parcel.

9. HAMLET RESIDENTIAL AND OTHER HAMLET USES

For subdivisions for various residential or other uses within designated hamlets, the applicable hamlet land use district minimum lot sizes and standards of development shall apply, which are dependent on the type of use proposed and the availability of servicing.

10. NON-RESIDENTIAL USES

- (1) When approving an application for subdivision of a proposed non-residential principal use as listed within the *Rural Agriculture – RA* or *Urban Fringe – UF* land use districts, either on parcels developed or on vacant (bareland), the following shall apply:
- (a) the maximum parcel size shall be 4.05 ha (10 acres) in size where improvements are present; or
 - (b) if vacant, the proposed lot to be created shall be a maximum of 1.2 ha (3 acres) in size; or
 - (c) shall otherwise be limited to 32.4 ha (80 acres) in size having no registered exceptions from the title, or 28.3 ha (70 acres) having a maximum of 4.0 ha (10 acres) of registered exceptions for rights-of-way or public uses.
 - (d) All subdivision proposals shall have the residual parcel sizes as outlined in Section 3 (1)(b) of this Part.
- (2) If this type of subdivision is approved, this will preclude the ability of a separate residential yard or farmstead title to be subdivided from the quarter-section.

11. PUBLIC AND INSTITUTIONAL USES

- (1) A subdivision application for public and institutional uses as defined by the Land Use Bylaw may be recommended for approval if:
- (a) the Subdivision Authority is satisfied that suitable, existing alternative parcels are not reasonably available in an urban or rural area in the vicinity;
 - (b) for an existing public and institutional use, the parcel size is limited to the developed portion of the site only to encompass improvements;
 - (c) the legal and physical access, including access to the residual agricultural lot, satisfies Alberta Transportation in the case of a provincial highway or Lethbridge County in the case of municipal roads; and

- (d) the Subdivision Authority is satisfied that the use is suitable, serviceable and will be developed as proposed.
- (2) The maximum parcel size shall be as determined suitable at the discretion of the Subdivision Authority with consideration for the proposed use and the land area required to accommodate it.
- (3) The minimum parcel size for public and institutional uses shall be 1.2 ha (3.0 acres) of developable land for private septic treatment systems or other such minimum as may be established under an adopted area structure plan or approved design scheme.
- (4) A subdivision or existing certificate of title for a public use may be exempted from the maximum three titles per quarter section policy.
- (5) For a subdivision of a public and institutional use in a County hamlet, the standards and parcel size criteria of the *Hamlet Public / Institutional - HP/I* land use district shall apply.

12. CUT-OFF (FRAGMENTED) PARCEL

- (1) Subdivision of an undeveloped or developed cut-off (fragmented) parcel may be approved if:
 - (a) the proposed lot is separated from the residual by:
 - (i) a registered exception from the title (e.g. registered roadway, irrigation district canal, rail line);
 - (ii) a registered title that is owned by a public or quasi-public department or agency (e.g. municipal, provincial, irrigation district, rail company)
 - (iii) a feature that creates a significant physical barrier to use of both sides as a unit (this may include a coulee, embankment, river valley, rail line, developed public roadway, irrigation district reservoirs or canals for the conveyance and delivery of water, or a permanent waterbody — trees, shrubs, or tree shelter belts and private or landowner constructed ditches or canals shall not be considered as a feature that creates a significant physical barrier and shall not be eligible for subdivision as a cut-off parcel);
 - (b) the proposed lot and residual both have physical and legal access, or the Subdivision Authority is acceptable to access by a limited easement or right-of-way in accordance with policy 1(9);
 - (c) the results of a minimum distance separation (MDS) calculation from an existing confined feeding operation, as established in the *Agricultural Operations Practices Act Standards and Administration Regulation* shall be considered;
 - (d) neither the proposed lot or the residual parcel is occupied by a confined feeding operation.
- (2) At the discretion of the Subdivision Authority, a registered title containing 160 acres or a quarter section which has been subdivided pursuant to the above cut-off subdivision policy or previous provincial policies (refer to Section 12(3) below) may be eligible for the subdivision of an existing farmstead from the greater half (area) of the cut-off (fragmented) quarter section provided that the proposal is consistent with the requirements established for single lot country residential parcels outlined in Section 5 of this Part, and the subdivision does not result in the creation of more than three titles per quarter section.

- (3) In respect of Subdivision and Development Regulation 43/2002, a quarter section is considered unsubdivided if it is a parcel of land that has been created pursuant to section 86(2)(d) of the *Planning Act RSA 1980* on or before July 6, 1988, or pursuant to section 29.1 of the *Subdivision Regulation (AR 132/78)*, from a quarter section, lake lot, river lot or settlement lot if that parcel of land constitutes more than ½ of the area that was constituted by that quarter section, lake lot, river lot or settlement lot.

13. PROPERTY REALIGNMENT AND SUBDIVISION OF EXISTING SMALL TITLES

The subdivision of a parcel to accommodate a property or boundary realignment, or a parcel of poor-quality land containing 8.1 ha (20 acres) or less of farmable land, may be approved subject to the following:

- (1) In the case of enlargement, reduction or realignment of existing separate titles (parcels):
- (a) the additional lands required are to accommodate existing or related improvements, or to rectify encroachment or access issues; or
 - (b) the proposal is to rectify or rationalize existing titles, occupancy, cultivation or settlement patterns; and
 - (c) no additional parcels are created over and above those presently in existence; and
 - (d) the proposed new lot and the proposed residual lot will continue to have direct legal and physical access to a public roadway, adequate development setbacks, and a suitable building site; and
 - (e) the size, location and configuration of the proposed lot will not significantly affect any irrigation or transportation system in the area nor the urban expansion strategies of neighbouring municipalities.
- (2) An existing title of land that contains 8.1 ha (20 acres) or less of farmable land and considered by Council to be poor agricultural land may be divided into two parcels if:
- (a) the required minimum distance separation (MDS) distance to any neighbouring CFOs is met, and
 - (b) both parcels have direct physical and legal access to a public road, and
 - (c) both parcels have a suitable developable building site with the required minimum area as defined by the Land Use Bylaw, and
 - (d) the minimum parcel size of each of the lots shall not be less than 0.8 ha (2.0 acres), and
 - (e) the subdivision does not result in the creation of more than three titles per quarter section, or result in the creation of three adjacent (contiguous) country residential lots.
 - (f) Any proposal that would create more than three titles per quarter section or would result in creating three adjacent (contiguous) country residential lots (including existing adjacent lots under separate title) would be required to provide the applicable conceptual design scheme or area structure plan and must apply for a redesignation of the land, prior to a subdivision application being considered.
- (3) For the purpose of determining a “farmable or unfarmable area of land” as referenced in Section 13(2) above, the Subdivision Authority may at its discretion, consider:

- (a) An “unfarmable area” to include registered irrigation rights-of-way, natural land features such as coulees, steep embankments, rivers, streams or seasonal creeks, wetlands, and land that is impractical or difficult to farm due to steep slopes, sloughs/swamps. Generally, the Subdivision Authority will not consider man made improvements, tree shelter belts, or agricultural lands that are fenced off to be included as an “unfarmable area”;
- (b) “farmable land” to specifically include any cultivated or uncultivated farmland, pasture land used for grazing of animals, lands suitable for agricultural or horticultural production, or land that may be incorporated or returned into agricultural production.

14. SUBDIVISION IN PROXIMITY TO THE CANAMEX FREEWAY

The subdivision of a parcel of land in proximity to the designated Canamex Freeway will be reviewed in consideration of **Part 4, General Land Use Provision, B. Servicing and Site Suitability, Section 45, Canamex Freeway Development and Siting Requirements.**



PART 9

DEFINITIONS

PART 9

DEFINITIONS

In this land use bylaw, words in the singular include the plural, and words using the masculine gender include the feminine gender.

A

Abattoir means the use of land or building in which animals are slaughtered and may include the packing, treating, storing and sale of the product.

Accessory Building/Structure means a building or structure that is incidental or subordinate to and customarily found in connection with a primary building, structure or use, does not precede the development of a primary structure or use, is located on the same lot as the principal building or use, but does not include a building or structure used for human habitation. (see Diagram 9.1)

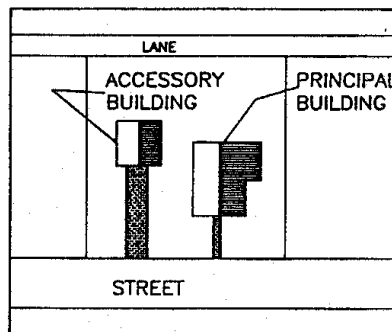


DIAGRAM 9.1

Accessory Use means a use of a building or land which is incidental to and subordinate to the principal use of the site on which it is located.

Act means the *Municipal Government Act, Revised Statutes of Alberta, 2000, Chapter M-26*, as amended.

Addition means any construction that increases the size of a building or structure in terms of site coverage, height, length, width, or gross floor area.

Adjacent Land or Adjacent means land that is contiguous to a parcel of land proposed for development, subdivision or redesignation and includes land that would be contiguous if not for a road, railway, walkway, watercourse, water body, utility lot, right-of-way, reserve land or other similar feature.

Aggregate Extraction/Processing – see “Resource Extraction and Associated Works”

Agricultural Buildings and Structures means a building or structure associated with and generally essential to an agricultural operation. Such structures or facilities may include but are not limited to the following: machine sheds, storage sheds, granaries, grain bins, silos, animal housing and/or feeding facilities, repair shops, corrals, pens, and other accessory farm structures. – also see “**Farm Buildings**”.

Agricultural Land, Higher Quality means land contained in an irrigable unit or having a CLI classification of 1-4, comprising of 64.8 ha (160 acres) parcels of dryland or 32.4 ha (80 acres) parcels of irrigated land, or land having a CLI classification of 5-7 with permanent water rights. This does not include land considered as cut-off parcels or badly fragmented land as defined in the bylaw.

Agricultural Market means a use involving the sale of raw agricultural products but may include as an accessory to the principal use, the sale of factory-sealed or pre-packaged food products that normally do not require refrigeration.

Agricultural Operation(s) means an agricultural activity (either intensive or extensive) conducted on agricultural land for gain or reward or in the hope or expectation of gain or reward, and includes:

- (a) the cultivation of land;
- (b) the raising of livestock, but excluding ‘Confined Feeding Operations’ as defined by the Agricultural Operations and Practices Act (AOPA);
- (c) the production of agricultural field crops;
- (d) the production of fruit, vegetables, sod, trees, shrubs and other specialty horticultural crops;
- (e) the production of milk and eggs;
- (f) the production of honey;
- (g) the operation of agricultural machinery and equipment including irrigation pumps and the application of fertilizers, manure, insecticides, pesticides, fungicides and herbicides including application by ground and aerial spraying for agricultural purposes.

See also Extensive Agriculture and Intensive Horticulture Operations.

Agricultural Pursuit means gaining a livelihood for at least six months a year from employment associated with the primary production of crops, intensive or horticultural activities (such as market gardens, vegetable or fruit farms) or raising of livestock which includes ranching/grazing operations and operating or being employed with a confined feeding operation, but not including uses associated with servicing, processing, or transporting agricultural products. Hobby farms or operating or working at equestrian facilities for recreational purposes are also not included.

Agricultural Services means establishments primarily engaged in supplying and servicing materials and services for soil preparation, crop treating, landscaping, horticultural services or other animal services.

Agricultural Use means a use of land or buildings for the production of crops, vegetables or raising of livestock.

Agriculture means the primary production of food and fibre by either intensive or extensive methods. Management, financing or ownership is not considered.

Airport means the Lethbridge Airport (YQL) and includes any area, designed, prepared, equipped or set aside for the arrival, departure, movement or servicing of commercial and private aircraft; and includes

any associated buildings, installations, open space, runways and equipment for landing/takeoff and flight control. This also includes aircraft and airport-related manufacturing services.

Airstrip means a structure, facility or use of land owned or operated by a corporation, association, person, or persons, to accommodate private airplane use.

Alternative Energy means renewable or sustainable energy that is generally derived from natural sources (for example, the earth, sun, wind, water).

Amenity Area means an area or areas within the boundaries of a development which provides active or passive recreation opportunities for the enjoyment of the occupants of a development and their guests. These may include such things as views, landscaped areas, patios, art, decks, swimming pools, tennis courts and other similar uses.

Anhydrous Ammonia Storage/Facility means a tank, structure or facility used for the storage and distribution of anhydrous ammonia used for fertilizer for agricultural crops and includes any development that meets the criteria described in the *"Guidelines for the Location of Stationary Bulk Ammonia Facilities"* prepared by Alberta Environment.

Antenna System(s) means a type of an electrical communications system or device that is a transducer that couples energy from one electronic system to another at some distant location and may be mast, tower, or other antenna supporting structure used for the purpose of telecommunication, radiocommunication or broadcasting (transmitting or receiving) and includes guy wires or other similar mechanisms used to support the antenna (e.g. support lines, cables, wires or braces).

Applicant means the registered owner of the land or his/her appointed representative or agent certified as such to act on their behalf.

Approved Use means a use of land and/or building for which a development permit has been issued by the Development Authority.

Architectural Controls means a set of development guidelines or standards that have been established by the developer and registered on a certificate of title for the purpose of creating and maintaining a higher quality of development/construction than is the norm for a particular subdivision and/or development project. Standards normally address design diversity, square footage, roof slopes and materials, siding, landscaping, garages, setbacks, driveway materials and other appealing neighbourhood aesthetics and may also address building lot restrictions, special setbacks and lot grading.

Area Redevelopment Plan means a statutory plan accepted or adopted by Council as an area redevelopment plan pursuant to the *Municipal Government Act*.

Area Structure Plan means a statutory plan in accordance with the *Municipal Government Act* and for the purpose of providing a framework for subsequent subdivision and development of an area of land in the municipality.

Arts and Culture Centre means a building or complex that promotes and showcases culture and the arts in many forms and provides facilities such as studios, theatre space, gallery space, venues for musical performance, workshop and craft areas, educational facilities, and space for accessory technical equipment.

Asphalt Batch Plant means a use of land, building or structure which produces and/or recycles asphalt or similar material(s) and has equipment designed to heat and dry aggregate and to mix mineral aggregate with bitumen and/or tar, and includes the stockpiling and storage of bulk materials used in the process or finished product(s) manufactured on the premises and the storage and maintenance of equipment.

Attached Garage means a building or portion of a building that is used for the storage of motor vehicles, which is attached to the principal building by sharing a common wall with the dwelling, and usually contains an access doorway into the principal building. For the purpose of calculating setbacks and site coverage requirements, an attached garage is deemed to be part of the principal building.

Auction Market means a use of land or buildings for the auctioning or sale and related temporary storage of primarily livestock, but may also include household effects, personal goods and equipment, and vehicles. This use includes livestock sales yards but does not include on-site slaughtering such as an abattoir or one time on-site estate auction sales.

Auction Sales, Non-Livestock means the use of land or buildings for the auctioning and related temporary storage of goods and equipment which may include household effects, antiques, personal goods and equipment, and vehicles. This use does not include livestock auction markets or one-time on-site estate auction sales.

Auto Wrecker – see “Salvage and Wrecking Yard”

Automotive Detail/Paint Shop means a building where motor vehicle bodies are replaced or repaired and also where motor vehicle bodies and parts, and other metal machines, components, or objects may be painted.–See also “Sandblasting facility”.

Automotive Sales means a development or use of land or buildings for the retail sale, lease, and/or rental of new or used automobiles. The service of automobiles is considered a separate use, but may be combined with automotive sales if permitted in the district.

Automotive Service means a facility for the repair and servicing of motor vehicles including, but not limited to, mufflers, oil changes, transmissions, engine replacement services and glass repair. Such facilities do not include the sale of gasoline and petroleum products.

B

Balcony means a platform, attached to and projecting from the face of a principal building with or without a supporting structure above the first storey, normally surrounded by a baluster railing and used as an outdoor amenity area with access only from within the building.

Bar/Lounge means a development where the primary purpose of the facility is the sale of alcoholic beverages to the public, for consumption within the premises and typically includes neighbourhood pubs, bars, beverage rooms, and cocktail lounges. This use typically has a limited menu and minors are prohibited from patronizing the establishment during at least some portion of the hours of operation.

Basement means the lowest storey of a building, partly or wholly below grade and having its floor below grade by a distance greater than one-half the distance from floor to ceiling. (see Diagram 9.2)

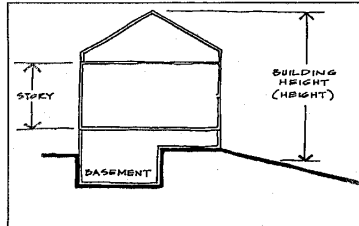


DIAGRAM 9.2

Bed and Breakfast means a home based development in a private owner-occupied dwelling where rooms are rented for short-term accommodation and a breakfast meal is prepared in the common kitchen of the principal residence by the owner and provided for registered guests.

Berm means a dyke-like land form used to separate incompatible areas or uses, or constructed to protect the site or district from road, rail or other noise or nuisance.

Big Box/Comprehensive Retail means a comprehensively planned development consisting of a linear strip center or clustering/group of stand-alone retail stores (open air) or mall (enclosed) that is normally located on a single parcel, provides shared on-site parking, and is occupied primarily by retail, restaurant and personal service uses and managed/maintained as a single entity.

Blade means an element of a WECS rotor which acts as a single airfoil, thereby extracting kinetic energy directly from the wind.

Blade Clearance means, in reference to a horizontal axis rotor, the distance from grade to the bottom of the rotor's arc.

Boarding House means a building (other than a hotel or motel) containing not more than 15 sleeping rooms where meals and lodging for five or more persons are provided for compensation pursuant to a private agreement with the operator.

Boarding Stables or facility means an accessory building, barns or corrals having stalls or compartments where animals, typically horses, are sheltered, kept and fed and may include an arena or fenced area for exercising animals.

Boat Dock, Individual means a structure that is built over or floats upon the water and that serves one property owner/user for the launching, landing and mooring of watercrafts and which does not exceed 13.94 m² (150 sq. ft.).

Boat Dock, Public means a structure that is built over or floats upon the water and that serves the general public for the launching, landing and mooring of watercrafts and which does not exceed 27.87 m² (300 sq. ft.).

Breeding Facility means a commercial development primarily for the breeding of small animals, normally considered household pets such as dogs or cats, excluding livestock, and also includes the accessory boarding, caring and training of these small animals but excludes a veterinary clinic or a kennel.

Breezeway means a roofed often open passage connecting two buildings (such as a house and garage) or halves of a building that allows sheltered passage, and is an architectural feature similar to a hallway that

allows the passage of a breeze between structures to accommodate high winds, allow aeration, or provide aesthetic design variation; sometimes it can be much more like a tunnel with windows on either side.

Buildable Area – see “**Developable Area**” and “**Building Envelope**”

Building has the same meaning as in the Act.

Building Envelope means that portion of a lot or parcel within which development may occur after all setbacks and separation distances and other standards of the district have been deducted.

Building Height means the vertical distance between the average natural grade of a lot, as determined by the Development Authority, and the highest point of a building, excluding an elevator housing, a roof stairway entrance, a ventilating fan, skylight, steeple, chimney, smoke stack, or other similar structure as determined by the Development Authority.

Building Inspector means the person or persons appointed or contacted by the municipality to be the chief building inspector(s) in and for Lethbridge County.

Building and Trade Contractor Service means the use of land or buildings for businesses engaged in activities commonly referred to as construction including plumbing, heating, dry walling, framing, electrical, renovating and related excavating and the interior storage of materials and storage related to the same and may include an office.

Bulk Fertilizer Storage and Sales means an establishment where fertilizer goods, most commonly for agricultural purposes, are received and stored for the purpose of distribution and sales.

Bulk Fuel Storage and Sales means an establishment where fuel is received and stored for the purpose of distribution and sales excluding cardlock operations and truck stops.

Bus Depot means any premises for the transient housing or parking of motor-driven buses, the loading and unloading of passengers and the accessory transportation of limited goods.

Business Support Service means an establishment primarily engaged in providing services for other business establishments such as advertising, building maintenance, clerical, printing, book keeping, financial services, employment services, professional advice, security and other similar services.

C

Campground, Private means, in addition to the definition of “Campground, public”, the use of the facility is intended for private financial gain and/or admittance is limited to a specific membership, club or organization such as a church, Boy Scouts, youth organization, etc.

Campground, Public means a development designed with two or more distinct sites to be used by the general public for short-term camping purposes. The use of the land is intended for seasonal occupancy by camping-related equipment. The campground may also include supplementary facilities such as an administrative office, washrooms, cooking and eating shelters, convenience retail operations, laundry facilities and a living area for the owner/operator.

Cannabis means a plant *Cannabis sativa*, including the phytocannabinoids produced by, or found in, such a plant, regardless of whether that part has been processed or not, and any substance or mixture of substances that contains or has on it any part of such a plant; and any substance that is identical to any phytocannabinoid produced by, or found in, such a plant, regardless of how the substance was obtained, but does not include a non-viable seed of a cannabis plant.

Cannabis Cultivation means the growing and harvesting of cannabis as licensed by Health Canada.

Cannabis Nursery means the growing and harvesting of cannabis for the purposes of a nursery as licensed by Health Canada.

Cannabis Processing means a development (micro or standard size), as licensed by Health Canada, where cannabis is grown, harvested, processed, tested, destroyed and/or stored on site, but does not include Cannabis Retail Store.

Carport means a partially enclosed structure open on at least two sides intended for the shelter of one or more motor vehicles, and is typically attached to a dwelling along at least one side.



DIAGRAM 9.3

Cartage/Moving Services means the use of land or buildings by a commercial company to move by transport truck the possessions of a family or business from one site to another for the purpose of relocating people or businesses. Moving services include personalized services, packing and unpacking, general moving and transport, storage and specialty shipping.

Car/Truck Wash means the use of a building, structure or area providing for the washing and cleaning of motor vehicles including truck washes and may be a private or a commercial operation.

Casino means a building or large room used for various legal gaming, games of chance, and gambling activities and is often equipped with gambling devices, video lottery terminals and slot machines, gambling tables, and which is licensed by government authorities and may include rooms or space for meetings, entertainment, a beverage lounge and food services, etc.

Cemetery means land used or dedicated to the burial of the dead, including crematoriums, mausoleums, necessary sales, and maintenance facilities.

Change of Use means the conversion of land or building or portion thereof from one land use activity to another in accordance with the Permitted or Discretionary Uses as listed in each land use district.

Chemical Processing and Storage means the use of land or buildings for the alteration, mixing and separation of chemical compounds in order to produce a new material and is typically considered as an intense industrial activity. Also includes the storage and distribution of related goods.

Church – see “Place of Worship”

Clear Vision Triangle means a triangular area on a corner lot formed by an imaginary line starting at the point of intersection of the two street property lines and extending 7.62 m (25 ft.) from their point of intersection.

Clubs and Fraternal Organizations means development used for the meeting, social or recreational activities of members of a normally non-profit philanthropic, social service, athletic, business or fraternal organization, without on-site residences. Clubs and fraternal organizations may include rooms for eating, drinking and assembly.

Cluster Lodges/Cabins Accommodation means a commercial development intended as a type of recreational guest, rental, or tourist accommodation which may consist of multiple buildings clustered together in proximity and may include a main day/cooking lodge with associated multiple secondary private sleeping accommodation units.

Clustered Development means a planning and development land use approach that concentrates buildings in close proximity together on a portion of the site, often sharing common yard space, to allow the remaining land to be used for recreation, open space, agriculture or preservation of historically or environmentally sensitive lands.

Code of Practice means the most recent *Code of Practice for the Safe and Economic Handling of Animal Manures* prepared by Alberta Agriculture, Food and Rural Development, as amended from time to time.

Commercial means the use of land and/or buildings for the purpose of public sale, display and storage of goods and/or services on the premises. Any on-premises manufacturing, processing or refining of materials shall be incidental to the sales operation.

Community or Civic Halls means a non-commercial typically public development or building established primarily for the benefit, use and service of the population of the community in which it is located.

Composting means processing organic waste in a controlled environment to produce a stable product by microbologically degrading organic matter under aerobic conditions.

Comprehensive Development means a development approach which completely provides for the planned, detailed, orderly development of a parcel or group of parcels, and which has taken into account the effects of such development on the immediate and surrounding area and considers servicing (infrastructure) efficiencies or constraints.

Conceptual Design Scheme means a planning document consisting of a proposed subdivision plan and support information which is applied to smaller subdivision proposals involving four (4) or fewer adjacent lots and is usually not adopted by bylaw. The plan typically illustrates the number of parcels and minimum lot sizes, the location of roadways and access points, general indication of the parcel surface drainage or contour maps, and information or illustrations showing any existing utility, easements, rights-of-way or canals present. Information is also provided on the proposed potable water and sewer system, and the plan may be required to include engineered storm water plans or soils tests or other information that the Subdivision Authority may request which it feels is relevant to the land or proposal.

Conceptual Site Plan means a plan (to scale) showing uses and structures proposed for a parcel of land as required by the Subdivision or Development Authority. Its purpose is to show how the intended land use

relates to the topography, landscape features, adjacent land uses and typically includes proposed lot lines, roads, building sites, reserved open space, buildings, landscape features – both natural and man-made, proposed utility lines, recreation areas, parking areas, and utilities.

Concrete Batch Plant means the use of land or buildings where concrete or concrete products used in building or construction are produced, and is described as a mixing plant where sand, gravel, cement, water, and other materials are turned into concrete, and includes facilities for the administration or management of the business, the stockpiling of bulk materials used in the production process or of finished products manufactured on the premises and the storage and maintenance of required equipment, but does not include the retail sale of finished concrete products.

Condominium means a building or structure where there exists a type of ownership of individual units generally in a multi-unit development or project where the owner possesses an interest as a tenant in common with other owners.

Condominium Plan means a plan of survey prepared in accordance with the provisions of the *Condominium Act, Revised Statutes of Alberta 2000, Chapter C-22*, as amended, and registered in the Land Titles Office.

Conference Centre means a large building that is designed to hold a convention or conference for public assembly, where individuals and groups gather to promote and share common interests, knowledge, hobbies, or business practices or for promoting educational, economic, cultural, political, religious or charitable pursuits. Conference centres typically offer sufficient floor area to accommodate several thousand attendees and are suitable for major trade shows, and are sometimes known as exhibition halls. Conference centers typically have at least one auditorium and may also contain meeting rooms, lecture halls, concert halls and ancillary kitchen/food services.

Confined Feeding Operations has the same meaning as defined in the *Agricultural Operation Practices Act, RSA 2000, Chapter A-7*, as amended and means fenced or enclosed land or buildings where livestock are confined for the purpose of growing, sustaining, finishing or breeding by means other than grazing and any other building or structure directly related to that purpose but does not include residences, livestock, seasonal feeding and bedding sites, equestrian stables, auction markets, race tracks or exhibition grounds.

Contractor Trade Shops means any building or premises used by a carpenter, mill worker, cabinet maker, plumber, electrician or similar trades persons for assembling materials or products or storing tools, materials, trailers or supplies related to the business, but does not involve any sales on the premises.

Convenience Store – see “Retail, Convenience”

Corner Lot means a lot located at the intersection or junction of two or more streets (not including lanes).

Corner Side means the lot line on a corner lot that has road frontage but is not the lot line from which primary access or development to the building is gained. (see Diagram 9.4) See – “Setback”.

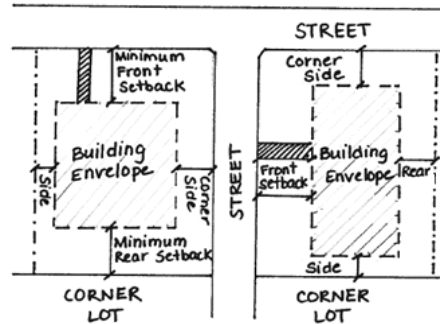


DIAGRAM 9.4

Corral means any enclosed area, pen, stable or coop intended to enclose animals at densities and numbers lower than those outlined by the Natural Resources Conservation Board (NRCB).

Council means the Council of Lethbridge County in the Province of Alberta.

Country Residential, Grouped means existing or proposed residential uses on more than two adjacent parcels of less than the minimum extensive agricultural parcel size.

Country Residential, Isolated means one or two existing or proposed country residential parcels.

Country Residential Use means a use of land, the primary purpose of which is for a dwelling or the establishment of a dwelling in a rural area, whether the dwelling is occupied seasonally, for vacation purposes or otherwise, or permanently.

Crematorium means a development fitted with equipment for the purpose of the cremation of human remains and may include associated facilities for the preparation of the dead human body for interment or cremation.

Cryptocurrency (bitcoin) Mining means the process by which new digital or virtual currencies, bitcoins or altcoins are entered into circulation and is also the way the network confirms new transactions and is a critical component of the blockchain ledger's maintenance and development. "Mining" is performed using sophisticated hardware that solves an extremely complex computational math problem and involves using multiple powerful computers and dozens of cooling fans.

Cultural Building and Facility means the use of land or buildings for the preservation or provision of cultural amenities to the public, such as but not limited to museums, historical sites and art galleries by a public or private, non-profit service provider.

Cut-off Parcel means a parcel separated by:

- a permanent irrigation canal right-of-way as defined by the irrigation district,
- a permanent watercourse normally containing water throughout the year,
- a railway,
- a graded public roadway or highway,

- an embankment, or
- some other physical feature,

which makes it impractical to farm or graze either independently or as part of a larger operation, including nearby land.

D

Day Care Centres means a building or portion thereof used for the provision of care, maintenance and supervision of seven or more children, by persons unrelated to the children by blood or marriage, for periods not exceeding 24 consecutive hours and includes all day-care centres, nurseries and after-school or baby-sitting programs which meet the conditions of this definition or are required to be licensed by the provincial government.

Day Home means a private residence where care, development and supervision are provided for a maximum of six children clients between the ages of 0-12 years, by persons unrelated to the children by blood or marriage, including children under the age of 12 who reside in the home, for periods not exceeding 24 consecutive hours.

Deck means a wooden, or other similar hard-surfaced platform, with or without a roof, walls or railings intended for outdoor living space or amenity area and which is generally attached to a building.

Ground Level Deck means an unenclosed (no roof or walls) amenity area of wood, or other similar material, that is constructed less than 0.6 m (2 ft.) above grade and is typically attached to a dwelling.

Ground Level Patio means an unenclosed (no roof or walls) amenity area of concrete, brick, wood, or other material that is constructed at grade and may or may not be or attached to a dwelling.

Raised Deck means a horizontal structure with a surface height 0.6 m (2 ft.) or greater above grade at any point, but generally no higher than the first storey floor level, and is intended for use as a private outdoor amenity space.

Demolition means any act or process that destroys or removes in part or in whole a building or structure.

Density means a measure of intensity and when used in reference to a residential or residential related development, refers to the number of dwellings on a site, expressed in dwelling units per hectare or acre.

Designated Officer means a person authorized by Council to act as a Development Authority pursuant to section 624(2) of the *Municipal Government Act* and in accordance with the municipality's Development Authority Bylaw.

Developable Area means an area of land in a title that can be developed or constructed upon for buildings, structures, driveways, septic fields, various utilities, and dugouts if required, and may not include land that is located within required road and property line setbacks, land that is too steep, situated within floodplain, or an area that has easements or rights-of-way registered over it in which buildings or structures cannot be placed over. See "Building envelope".

Development means:

- (a) an excavation or stockpile and the creation of them;

- (b) a building or an addition to or replacement or repair of a building and the construction or placing of any of them in, on, over or under land;
- (c) a change of use of land or a building or an act done in relation to land or a building that results in a change in the use of the land or building; or
- (d) a change in the intensity of use of land or a building or an act done in relation to land or a building that results in, or is likely to result in, a change in the intensity of use of the land.

Development Agreement means an agreement between the developer and the municipality, pursuant to sections 648, 650, 654 and 655 of the *Municipal Government Act*, to:

- (a) construct or pay for the construction of a road required to give access to the development;
- (b) construct or pay for the construction of:
 - (i) a pedestrian walkway system to serve the development, or
 - (ii) pedestrian walkways to connect the pedestrian walkway system serving the development with a pedestrian walkway system that serves or is proposed to serve an adjacent development, or both;
- (c) install or pay for the installation of public utilities, other than telecommunication systems or works, that are necessary to serve the development;
- (d) construct or pay for the construction of:
 - (i) off-street or other parking facilities, and
 - (ii) loading and unloading facilities;
- (e) pay an off-site levy or redevelopment levy;
- (f) give security to ensure that the terms of the agreement under this section are carried out.

Development Authority means the Municipal Planning Commission or the Designated Officer, including the Development Officer authorized to act as a Designated Officer, as provided for within this Bylaw and the Development Authority Bylaw of the County.

Development Hearing means a public meeting which is convened at the discretion of the Development Authority in accordance with the requirements of the Land Use Bylaw, to obtain comment and information on a proposed development prior to the Development Authority's issuance of a decision on a development permit application or other type of municipal approval such as an antenna systems siting proposal.

Development Permit means a permit issued pursuant to this Bylaw authorizing a development. A development permit does not constitute a building permit.

Discretionary Use – see “Use, Discretionary”

District means a defined area of the municipality as set out in Part 3 of this Bylaw and indicated on the Land Use District Maps in Part 10.

Dog Training Facility means any premises or building containing four or more dogs, which are five months or older, where these domestic animals are trained, exercised, and socialized, but are not kept or boarded over night, bred, sold, or let for hire.

Drive-in Restaurant means an establishment where food is prepared and served on the premises for sale to the public and includes car attendant and/or drive-through, pick-up service.

Driveway means a private drive on land individually or freehold simple titled providing vehicular access to a lot, parcel, parking area, garage, dwelling or other building, use or facility in conformance with the Land Use Bylaw, and may be utilized for the off-street parking of vehicles where designed to accommodate such.

Driving Ranges means an area equipped with distance markers, clubs, balls, and tees for practicing golf drives and putting, and which may include a snack-bar and pro shop and other incidental activities pertaining to this activity.

Dryland means an existing title of agricultural land with no acreage classified by an irrigation district as “to be irrigated”.

Dugout mean a development or excavation of land or the ground for the purpose of the containment and storage of raw or irrigation water, most often typically located on an agricultural parcel or farmyard.

Dwelling means a self-contained premises or building designed for human habitation which includes provisions for cooking, sleeping and sanitary facilities, and is or has been constructed in compliance with all provincial building codes.

Duplex means a building constructed on the lot intended for occupancy containing two dwelling units with separate exterior access to each unit, connected by a common floor or ceiling, but not legally subdivided by a property line.

Manufactured Home means a residential building containing one dwelling unit built in a factory and designed to be transported in one or more sections to a suitable site. The home is typically transported to a site on its own chassis and wheel system or on a flatbed truck. New manufactured homes shall be constructed to either the CSA Z240 or CSA A277 standards and must be able to meet all applicable provincial building codes once completed. The homes are typically placed on foundation supports, skirted, installed to CSA Z240.10.1 standards, and connected to utilities.

Manufactured Home 1 means a manufactured home as defined by this Bylaw constructed within the past year of application for a development permit and not previously occupied, and may include modular homes, and in appearance, generally resembles site-built (stick-built) constructed homes.

Manufactured Home 2 means a manufactured home not constructed prior to 1985 has been either previously occupied or does not meet the definition or standards of Manufactured home 1. These are commonly or have previously been referred to as “Mobile homes” and may consist of “Double-wide”, which means a manufactured home consisting of two sections, moved separately, that are joined together into one integrated dwelling unit on site, or “Single-wide” which means a manufactured home designed to stand alone as a single dwelling unit.

Moved-in means a previously occupied, conventional, site-built, dwelling unit which is physically removed from one site, transported and re-established on another site for use as a residence, but does not include modular dwellings, manufactured homes, or ready-to-move dwellings.

Multi-unit means a building other than a townhouse/row dwelling containing three or more separate dwelling units. (see Diagram 9.5)

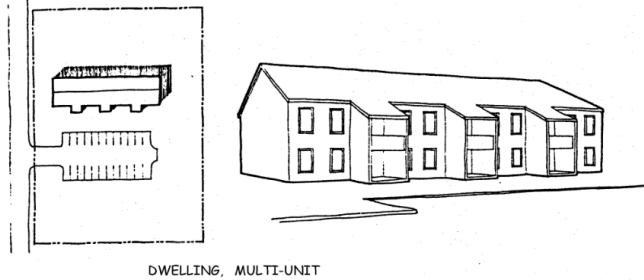


DIAGRAM 9.5

Ready-to-move (RTM) means a new dwelling unit not previously occupied that is site-built on a construction site, plant site, or building yard. The dwelling is then transported as one unit, delivered to the client’s location, and installed on a basement or foundation.

Semi-detached means a building constructed on the lot intended for occupancy containing two separate dwelling units with separate exterior access to each unit, connected by a common (shared) wall between the two units, and may legally be subdivided by a property line. (see Diagram 9.6)

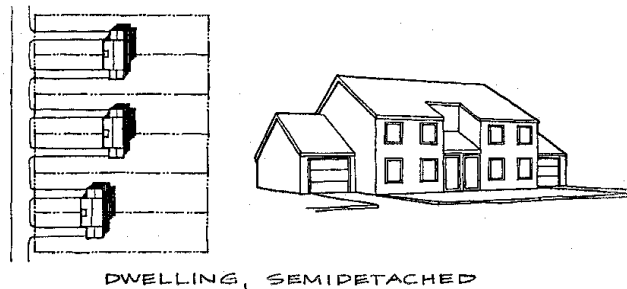


DIAGRAM 9.6

Second or Other Residence means a standalone additional dwelling unit on a lot which is not contained within the principal residence or an accessory building. A secondary dwelling unit may be a manufactured dwelling, ready-to-move dwelling, modular, moved-in dwelling or a site-built dwelling as permitted in accordance with the land use district it is proposed to be located within.

Single Detached means a residential building constructed and intended for occupancy containing a single dwelling unit which is not attached to any other dwelling by any means. For the purposes of this Bylaw, single detached dwelling may include site-built dwellings, manufactured homes, modular dwellings, or ready-to-move dwellings. (see Diagram 9.7)

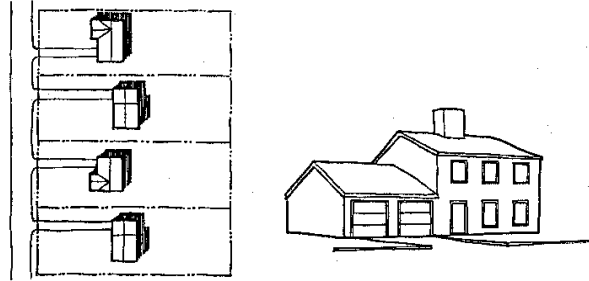
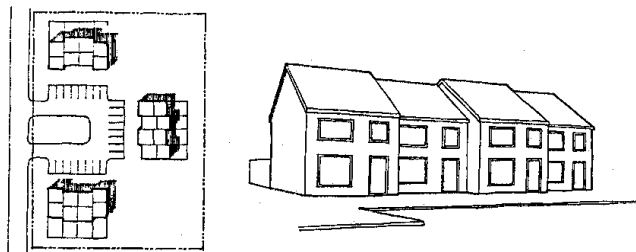


DIAGRAM 9.7

Site-built means a building that is constructed from individual parts and materials into a whole and complete formation on the site (lot) and does not include prefabricated parts other than floor joists and roof trusses.

Townhouse/Row means a building containing three or more separate dwelling units with each unit placed side by side and each having a separate front and rear entrance. (see Diagram 9.8)



DWELLING, TOWNHOUSE/ROW HOUSE

DIAGRAM 9.8

E

Easement means a right held by one party in land owned by another (a dominant and servient tenant), typically for access thereto or to accommodate a utility over the parcel and is typically registered on title.

Educational Facility means a development or building used for the purposes of offering training, instruction, education, courses or studies to the public and may be public or privately operated or funded and may include such courses as adult education, advanced learning, English as a second language.

Emergency Service means the use of land or buildings for the provision of maintaining safe living conditions and responding to crisis situations such as, but not limited to, fire stations, police stations, and emergency medical and ambulance service.

Environmental Impact Assessment means a comprehensive report professionally prepared by a qualified professional (i.e. engineer, biologist) assessing the impacts a proposed development may have on the environment.

Equestrian Facility means a development or use of land involving buildings and structures to accommodate equestrian (horse) related activities and may consist of horse boarding stables, riding arenas, riding schools and academies, horse exhibition facilities and pack stations. This use may include barns, stables, corrals, arenas, fencing, animal shelters and paddocks which are accessory uses on-site to the principal use.

Established Grade – see “Grade”

Excavation means the clearing and removal of earth or soil from its natural position and includes a cavity or hole formed by or as if by cutting, digging, tunnelling or scooping the earth, typically to accommodate development, but excludes breaking up the earth, tilling or ploughing for agricultural purposes.

Exhibition Ground means a commercial facility used for conventions, conferences, seminars, product displays, recreation activities, and entertainment functions, along with accessory functions including temporary outdoor displays, and food and beverage preparation and service for on-premise consumption.

Extensive Agriculture means the production of crops and/or livestock by the extensive cultivation or open grazing of existing titles or proposed parcels usually 64.8 ha (160 acres) on dryland or 32.4 ha (80 acres) on irrigated land.

F

Fabric Building means a structure, truss or tube-frame building system, which is covered with fabric, generally of canvas, vinyl, plastic, or cotton material, which is typically used as an accessory building or for storage. For use purposes these may be considered as an **Accessory building**.

Farm Building means any agricultural improvement or development other than a residence, to the extent it is used for farming and agricultural operations. Farm Building refers to an accessory building that:

- (a) Does not contain a residential Occupancy;
- (b) Is used in connection with the Agricultural Pursuits and farming Agricultural Operations of the owner;
- (c) Is not used or occupied by, or expected to be used or occupied by, the public or persons, other than the farmer or farmers that own the building, their immediate family, and/or their employees, that may be in the farm building from time to time during the natural course of farming Agricultural Operations;
- (d) And the farm building is used for:
 - (i) Housing livestock,
 - (ii) Storing, sorting, grading, or bulk packaging primary agricultural products, or
 - (iii) Housing, storing, or maintaining equipment or machinery associated with the operation of the farm on which it is located.

- also see “**Agricultural Buildings and Structures**”, “**Agricultural Operation(s)**” and **Agricultural Pursuit**

Farm Dwelling means a single-family dwelling that is located on and used in connection with a farm, with a farm generally being defined as an area of land and its buildings associated with the use of growing crops and rearing animals, typically under the control of one owner or manager.

Farm/Industrial Machinery Sales, Rental and Service means the use of land or buildings for the sale, service and/or rental of agricultural implements and/or vehicles over 5,900 kg (13,000 lbs.) tare weight and heavy machinery used in the operation, construction or maintenance of buildings, roadways, pipelines, oil fields, mining, or forestry operations, and in freight hauling operations. Cleaning, repairing and sale of parts and accessories may be allowed as part of the principal use.

Farm Stands means a building or structure used for the retail sales of fresh fruits, vegetables, flowers, herbs, or plants by individuals typically in their yard or at the farm gate. May also involve the accessory sales of other unprocessed foods, or home processed food products such as jams, jellies, pickles, sauces, or baked goods, and home-made handicrafts.

Farmer’s Market means an occasional or periodic market held in an open area or in a building or structure where multiple sellers offer for sale to the public such items as fresh produce, seasonal fruits, fresh flowers, arts and crafts items, and food and beverages (but not to include second-hand goods) dispensed from booths located on-site.

Farmstead means the part of an agricultural parcel developed with a dwelling(s), structures, shelter belts, dugouts, storage areas for farm equipment, produce and fertilizer, etc. necessary to the extensive cultivation and/or grazing use of the major portion of land.

Feed Mills/Grain Terminals means a facility for the collection, grading, processing, storage, and shipping and receiving of grain crops.

Fence means a structure usually made of wood, rails, bricks or wire used as an enclosure, to mark parcel boundaries or for screening purposes for all or part of a parcel or lot.

Fertilizer Storage and Sales means a development used to store bulk fertilizer for wholesale distribution.

Financial Institution means a development primarily for providing the service of banking, financial investments or lending money, such as a bank, savings and loan institution, or credit union.

Fire Hall – see “**Emergency Service**”

Firing Range – see “**Shooting Range**”

Flea Market means an occasional or periodic market where goods are offered for sale to the general public by individual sellers. Typical goods for sale include art, jewellery, household goods, souvenirs, textiles, and homemade or artisan crafts.

Flood Fringe means that portion of the flood plain that lies outside of the flood way and is susceptible to inundation by flood waters characterized by relatively low velocity flows, shallow depths and/or standing water.

Flood Hazard Area means the area including and adjacent to a watercourse that is subject to both regular, intermittent or 1:100 year flooding, or any area officially designated as such by government departments or identified in government studies, legislation, or mapping, and includes but is not limited to the flood plain.

Flood Plain means the areas adjacent to a watercourse that are susceptible to inundation by flood waters and includes both the flood way and the flood fringe.

Flood Way means that portion of the flood plain, normally lying adjacent to the channel of a watercourse, which is susceptible to regular inundation by flood waters characterized by high velocity flows, extensive depths and/or standing water.

Floor Area means the sum of the gross horizontal area of the several floors and passageways of a building, but not including cellars, attached garages and open porches. All dimensions shall be outside dimensions. Basement floor areas shall be included only where the building contains a basement suite.

Floor Area, Gross means the total floor area of a building contained within the outside surface of exterior walls and basements.

Floor Area, Net means the gross floor area of building excluding walls, partitions, mechanical rooms, washrooms, stairways, elevators and internal garbage storage areas.

Food Processing means a development for the preparation, processing, or canning and packaging of food products and the wholesale distribution of the same.

Foundation means the supporting base structure of a building which has been designed and engineered to support the associated weight of the building or structure.

Fragmented Parcel – see “Cut-off Parcel”

Front Yard means a yard extending across the full width of a lot and situated between the front lot line and the nearest portion of the principal building.

Frontage means the front lot line or that side of a lot abutting a public roadway, but does not include any side abutting a lane, unless said lane is the only means of physical access to a lot.

Funeral Home means a development used for the arrangement of funerals, the preparation of the deceased for burial or cremation, the holding of funeral services and the carrying out of cremation. A crematorium may be operated in conjunction with a funeral home but for the purposes of this bylaw is defined separately.

G

Garage (residential) means an accessory building designed and used for storage of motor vehicles.

Garden Centre means a development for the commercial retail sales of vegetable plants, flowers, shrubs, trees or other plants for transplanting or sale and includes retail uses accessory to the use, such as tools, hardware, fertilizer, and may include the in-ground growing of plants or trees on the premises.

Garden Suite means a supplementary temporary dwelling unit that is a small, portable, self-contained, manufactured housing unit which is located on the same lot or parcel as a principal dwelling unit and where the supplementary dwelling is used to temporarily accommodate no more than two individuals that are dependent or associated with the residents in the principal dwelling, or where circumstance warrants, it may be used to temporarily house individuals providing care to the resident(s) of the principal building.

General Utility Structure means a structure used for the support or conveyance of utilities.

Golf Course means a tract of land developed for the purpose of playing golf, improved with tees, greens, fairways, hazards, water features, club houses, shelters and accessory buildings. This use may also include driving ranges.

Government Service means a development providing municipal, provincial or federal government services directly to the public or the community at large.

Grade or Established Grade means with reference to a building, the average elevation of the finished surface of the ground where it meets the exterior of such building, and when used with reference to a structure, shall mean the average elevation of the finished grade of the ground immediately surrounding such structures, exclusive in both cases of any artificial embankment or entrenchment and when used with reference to a street, road or highway means the elevation of the street, road or highway established by the municipality or Development Authority.

Grading means the stripping, cutting or filling of earth or land for the purpose of establishing a new grade but does not include excavation that forms a cavity or hole or the stripping of top soil for commercial purposes.

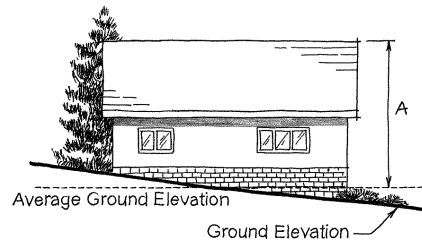


DIAGRAM 9.9

Grain Terminal – See “Feed Mill/Grain Terminal”

Gravel and Sand Pits – See “Resource Extraction and Associated Works”

Greenhouse means an indoor (i.e. within a building or covered structure) horticultural operation used in the year-round cultivation of herbs, vegetables and plants and does not include retail sales from the greenhouse site. Any associated retail sales is considered a secondary use. See “Garden Centre”. This use does not include Cannabis Production Facility which is a separate use.

Grocery Store means a retail establishment with a gross floor area in excess of 278.7 m² (3,000 ft²) primarily selling pre-packaged and perishable food for household consumption as well as other convenience and household goods.

Group Care Facility means a development which provides residential accommodation and rehabilitative services to persons who are handicapped, aged, disabled or undergoing rehabilitation and are provided care to meet their needs. Persons are typically referred to a group care facility by hospitals, government agencies or recognized social service agencies or health professionals but may also voluntarily request care or accommodation. This use includes supervised uses such as seniors long-term care facility, but a group care facility shall not include a group home, hospital, sanatorium, jail, prison, reformatory or hostel.

Group Home Facility means supervised residential dwelling units, licensed or approved by the Province, for the accommodation of persons, excluding staff, and in which supervisory, educational, developmental, daily living and/or personal care services are provided or made available for more than three persons typically referred by hospitals, courts, government agencies or recognized social service agencies or health professionals. A group home shall not include a hospital, sanatorium, seniors long-term care facility, jail, prison, reformatory or hostel.

H

Hay Plant means a development for the processing and storage of hay and the wholesale distribution of the same.

Hazardous Industry means a use or development involving or used for manufacturing, fabricating, processing, assembly, storage, production or packaging of goods, materials, or products where:

- (a) the use may be detrimental to public health, safety or welfare beyond the boundaries of the site or parcel upon which it is situated; or
- (b) the use may involve the manufacturing or processing of substances or products that involve significant risks to the safety, health or welfare of persons and may include explosives, radioactive materials, poisons, pesticides, herbicides, or toxic gases or fumes; or
- (c) the use may be incompatible with residential or other development because of toxic gases, smells, wastes, noise, dust or smoke emission which are not confined to the site or parcel upon which the use is situated. This use includes:
 - (i) abattoirs, slaughterhouses and rendering plants; or
 - (ii) alfalfa processing plants; or
 - (iii) anhydrous ammonia storage facilities; or
 - (iv) explosives storage or manufacturing facilities; or
 - (v) fertilizer manufacturing plants; or
 - (vi) gas processing plants; or
 - (vii) petrochemical industries or refineries; or
 - (viii) metal industries, which are involved in the concentration, refining, smelting, or re-smelting of ores or metals; or
 - (ix) warehousing, storage and wholesale distribution facilities associated with the above shall be treated as part of this use. "Waste disposal facility" and "Wastewater treatment plants" are separate uses; and
 - (x) such other uses as established by the Development Authority to be similar to the above or to the intent of this definition.

Heliport means an area designed to be used for the landing or takeoff of helicopters including operations facilities, such as maintenance, loading and unloading, storage, fueling, or terminal facilities.

Highway Commercial means a use which provides goods and/or services essential to the motoring public such as, but not necessarily limited to, service stations, cafes, restaurants, motor hotels, public roadside rest stops and campgrounds, recreation vehicle sani-dumps and commercial recreational development.

Hobby Farm means a development or use of land or buildings and structures related to a small agricultural holding or small scale farm that is maintained without expectation of being a primary source of income. They may be managed as working farms for sideline income, or are even run at an ongoing loss as a lifestyle choice by people with the means to do so, functioning more like a country home than a business. Typically they are merely to provide some recreational land to accommodate a few horses or specialty animals (goats, rabbits, llamas) for hobby or recreational purposes.

Home Occupation means any occupation, trade, profession or craft carried on by an occupant of a residential building as a use secondary to the residential use of the building, and which does not change the character thereof. No offensive noise, vibration, smoke, dust, odours, heat, or glare should be produced by the use. For all Home occupation categories, a Home Occupation shall not be allowed if the use would be more appropriately located in a Commercial or Industrial district or if it is deemed incompatible with the residential character of the district or the agricultural character of the area on rural parcels.

Home Occupation 1 means a home occupation where very limited traffic will be generated as a result of the operation, no outside storage, and no related vehicles or trailers. Typical such uses may include an in-home office for business administration or book keeping, computer or internet based business, direct sales from home, etc.

Home Occupation 2 means a home occupation that may generate limited business-related visits. Up to two non-resident employees may be employed on-site for this type of home occupation and up to two related vehicles or trailers may be used. Limited outdoor storage may be allowed as part of this type of home occupation.

Home Occupation 3 means a home occupation that will generate daily or weekly business-related visits. Up to six non-resident employees may be employed on-site for this type of home occupation and up to five related vehicles or trailers may be used. Limited outside storage may be allowed as part of this type of home occupation.

Horizontal Axis Rotor means a wind energy conversion system, typical of conventional or traditional windmills, where the rotor is mounted on a downward 5 percent angle to the earth's surface.

Horticulture means the use of land or buildings for an agricultural operation concerned with intensively cultivated plants produced on site, typically utilizing smaller areas of land than extensive agricultural practices, high yield production or specialty crops and are either used for food, for medicinal, environmental, aesthetic purposes or sold. These uses may include plant nurseries, greenhouses, market gardens, hydroponic, tree farms, wood lots, mushroom farms, sod farms, specialty crops, or experimental crops. All woodlot operations shall comply and adhere to the Woodlot Management Guidelines of Alberta. This use does not include Cannabis Production Facility which is a separate use.

Hospital means a building providing medical treatment on both an in-patient and an out-patient basis and may include provision for outdoor amenity areas, laundry facilities, maintenance buildings and air transport facilities. See "Emergency service".

Hotel/Motel means a building used primarily for sleeping accommodation and accessory services provided in rooms or suites of rooms that may contain bar/kitchen facilities. The building may also contain commercial or other uses and may offer such additional services as parking facilities, restaurant or dining room, room service or public convention facilities.

I

Illumination means the lighting of a building, structure, landscaping, or sign by artificial means.

Indoor Storage means the enclosed storage of goods, merchandise, materials or equipment within a building.

Industrial means the use of land and/or buildings for the purpose of manufacturing, processing, refining, storing, and/or distributing materials or products for sale or application elsewhere. Any on-premises sales shall be incidental to the operation of the industry.

Industrial, Grouped means a proposed or existing industrial use which is located on a parcel less than the minimum extensive agricultural parcel size and adjacent to one or more other parcels, either designated or proposed for industrial use or with an existing industrial use.

Industrial, Isolated Single Lot means industrial uses, located or proposed to be located on parcels of land not adjacent to other proposed or existing industrial uses. This use does not include Cannabis production facility which is a separate use.

Industrial Processing and Manufacturing means a development for manufacturing, assembling or fabricating activities on a small or large scale, as well as administrative offices and warehousing and wholesale distribution uses which are accessory uses to the above, provided that the use does typically generate any detrimental impact, potential health or safety hazard or any nuisance beyond the boundaries of the site or lot upon which it is situated.

Industrial Supplies and Sales means a development or use of building for the purpose of sales and distribution of commercial industrial products associated with plumbing, heating, mechanical and fastener products, with typical products including plumbing fixtures, tools, pipes, valves, fittings, electrical tools, fasteners, cutting tools, hand tools, pressure washing equipment, bolts, screws, clamps, etc.

Institutional means a use by or for an organization or society for public or social purposes and, without restricting the generality of the term, includes senior citizen housing, nursing homes, day care centres, places of worship, museums, libraries, schools, service and fraternal organizations, and government buildings.

Institutional Workshop / Specialty Manufacturing means a development that is associated with a public, non-profit or community institutional use on a parcel and which may include facilities to process or package specialty agricultural related products, horticultural related products, related various artisan and craftsman production (e.g. glass, art, textile, pottery and sculpture studios), luthiers, cabinetry and wood working, specialty furniture production, decorative or home furnishing making, and small product assembly, that is manufactured or produced for the primary purpose of providing employment and skill training opportunities or supplementary income/funding for the institution or its client patrons. The use may include areas devoted to retail sales, display and storage.

Interior Lot means any lot other than a corner lot as defined in this Bylaw. See Lot, Interior.

Irrigated Land means:

- (a) an existing title or a proposed parcel that contains some acreage classified by an irrigation district as “to be irrigated”;

(b) land that contains some acreage with rights to pump from a river.

Isolated Commercial Recreation means the recreational use of land or a building on a single lot for financial gain where the public is admitted only on the payment of a fee or where admission is limited to members of a club, organization or association. Examples include go-cart tracks, riding stables or academies, golf driving ranges.

K

Kennel means a facility where dogs or cats or other domestic pets are maintained, boarded, trained or cared for or kept for the purposes of sale or temporary care, but excludes a veterinary clinic or a breeding facility.

L

Land-locked Parcel means that a parcel does not have a means of physical access.

Landscaped Area means that portion of the site that is required to be landscaped.

Landscaping means the modification, beautification and enhancement of a site or development through the use of the following elements:

- (a) natural landscaping consisting of vegetation such as trees, shrubs, hedges, grass, flowers and other ground cover materials;
- (b) hard landscaping consisting of non-vegetative materials such as brick, stone, concrete, tile and wood; and
- (c) innovative landscaping materials such as sculptures, ornamental ponds, benches, lighting and other structures and materials used in landscape architecture.

Lane means a public roadway which provides a secondary means of access to a lot.

Legal Access means access by any vehicular way which is an existing provincial or county roadway or which is shown on a plan, such as a subdivision or road plan, or legal agreement, such as an easement, registered in the Land Titles Office and includes the land between the street lines, whether improved or unimproved.

Libraries means a public facility for the use or loaning, but not sale, of literary, musical, artistic, or reference materials.

Licensed Premises – see “**Liquor Establishment**”

Lighting Restriction Area means an irregular shaped zone that borders the south side of the Oldman river Valley and within which special luminaire mounting height restrictions may be required in accordance with the Urban Star Park Overlay district.

Liquor Establishment means a commercial establishment licensed and regulated pursuant to provincial legislation where alcoholic beverages are served for consumption on the premises, and typically includes a bar, pub, tap-house, lounge or restaurant.

Liquor Store means a retail establishment licensed and regulated under provincial authority for the sale of any or all of beer, wine or spirits for consumption off-premises.

Loading Space means an unobstructed area provided and maintained for the temporary parking of trucks and other motor vehicles for the purpose of loading and unloading goods, wares, materials, and merchandise on a lot.

Lodging House – see “Boarding House”

Lot means an area of land the boundaries of which are shown on a plan registered in a Land Titles Office, or are described in the certificate of title to the land, and that has not been divided into smaller areas by any plan or instrument registered in the Land Titles Office. The words **site** and **parcel** shall have the same meaning as the word **lot**.

Lot Area means the total area contained within the lot lines of a lot.

Lot, Corner means a lot located at the intersection or junction of two or more streets. (see Diagram 9.10)

Lot, Double Fronting means a lot which abuts two parallel or approximately parallel streets. (see Diagram 9.10)

Lot, Interior means a lot situated between two lots or another lot and a lane and having access to not more than one street. (see Diagram 9.10)

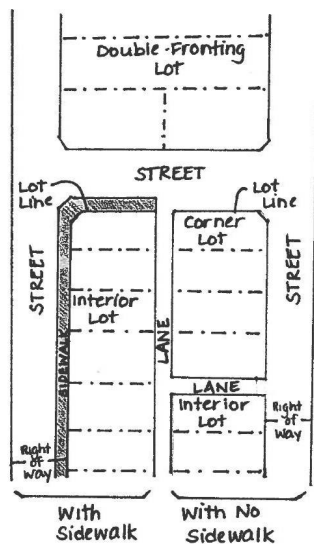


DIAGRAM 9.10

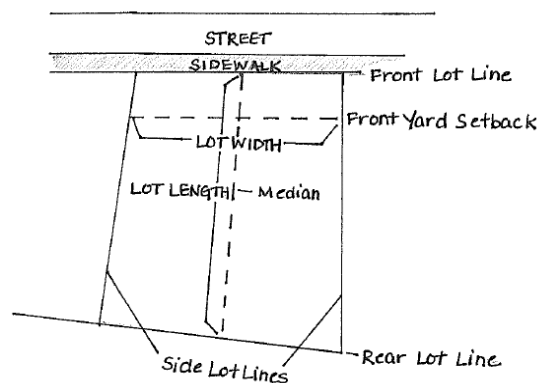


DIAGRAM 9.11

Lot Length means the distance between the front and rear lot lines measured along the median between the side property boundaries. (see Diagram 9.11)

Lot Line means the legally defined boundary of any lot. The term **property line** shall have the same meaning. (see Diagrams 9.10, 9.11)

Lot Width means the measurement between the side lot lines measured at the front setback line. (see Diagram 9.11)

Lumber Yard/Building Supply Store means a commercial retail store where lumber, building materials, hardware and household accessories and other related goods are stored, offered or kept for sale and may include outdoor storage but does not include the manufacturing or fabrication of lumber or similar products.

Lumen means a unit of luminous flux equal to the light emitted in a unit solid angle by a uniform point source of one candle intensity.

Lux means a unit of illumination equal to the direct illumination on a surface that is everywhere one meter from a uniform point source of one candle intensity or equal to one lumen per square meter.

M

Machinery and Equipment Services – see “Farm/Industrial Machinery Sales, Rental and Service”

Manufactured Home Park means a comprehensively planned development for the placement and occupancy of new or previously occupied manufactured dwellings as residences which is managed by an operator and may include amenity areas and accessory facilities for the use and maintenance of the residents. Manufactured home park does not include transient uses such as campgrounds.

Manufactured Home Sales and Service means development for the sale, rental or storage of new and used manufactured homes, and includes supplementary maintenance services and the sale of parts and accessories.

Marina means any facility for the mooring, berthing, storing, docking or securing of watercraft, but not including community piers and other non-commercial boat docking and storage facilities. A marina may include boat sales, boat fuel sales, boat construction, boat repair, marine equipment sales, or promotional events, boat and jet ski rental, and other uses clearly incidental to watercraft activities.

Market Gardening and Nurseries means a horticultural type of establishment for the growth, display, and/or sale of vegetables, fruits, plants, shrubs, trees, and materials used in indoor or outdoor planting, conducted within or without an enclosed building. This use includes a limited area for the display and sale of goods or produce grown or raised on site. For more comprehensive gardening associated retail sales (i.e. tools, pots, hoses, fertilizer, supplies, etc.) the use would be categorized as a “Garden centre”. This use does not include Cannabis Production Facility which is a separate use.

May means, within the context of a policy, that a discretionary action is permitted.

Measurable Standard means a minimum dimensional standard stipulated in any Part of the Land Use Bylaw, limited to minimum lot size, minimum setbacks, maximum lot coverage, maximum building height and driveway width.

Medical/Dental Office means development providing medical, health, or dental care on an outpatient basis. Dispensaries are considered a retail store for the purposes of this Bylaw.

Medical Cannabis means a substance used for medical and pharmaceutical purposes authorized by a license issued under the federal government and in accordance with the Government of Canada's Access to Cannabis for Medical Purposes Regulations (ACMPR) or any subsequent legislation which may be enacted in substitution.

Meteorological Tower means a structure used to facilitate the collection and analysis of wind, temperature, precipitation, air pressure or other atmospheric data and may include an anemometer, wind direction vane, temperature and pressure sensors and other measurement devices attached to it at various levels above the ground.

Mini Storage means a development which includes a series of enclosed storage bays or lockers, and may include outside storage sites for recreation vehicles, all of which are intended for rental or lease to the general public.

Mining – see “Resource Extraction and Associated Works”

Minor Building Additions or Renovations to Existing Residential Structures means changes to a structure or part thereof that the exterior, size, or appearance of a building and/or increases the net floor area of the building but are cosmetic, minor in nature, replace existing structures or do not generally exceed 15 percent of the net floor area.

Mixed-use Development means a tract of land or building with more than one type of use (such as a mix of office, retail, residential, entertainment, cultural, recreation, etc.), all of which are physically and functionally integrated and are mutually supporting and developed in a compact urban form.

Motel – see “Hotel/Motel”

Motocross/Motor Sports Park means a development or facility to allow a form of motorcycle racing held on enclosed off-road circuits or open courses consisting of trails, lanes, or racetracks, and also may consist of artificially made dirt tracks consisting of steep jumps and obstacles. Accessory uses to a motocross/motor sports park may include a pit/paddock, test track, mechanics area, concession or food sales, bleachers/viewing areas and public washroom facilities.

Moved-in Building means a conventional, pre-constructed, previously occupied building, which is physically removed from one site, transported and re-established on another site and does not include manufactured homes, modular homes, or ready-to-move homes. See “Dwelling, moved-in”.

Municipal Development Plan means a statutory plan, formerly known as a general municipal plan, adopted by bylaw in accordance with section 632 of the *Municipal Government Act*.

Municipal Government Act (MGA) means the *Municipal Government Act, Statutes of Alberta, 2000, Chapter M-26*, as amended.

Municipal Historic Resource means a heritage resource, together with any land in or on which it is located, designated by Council as a Municipal Historic Resource by bylaw, whose preservation is considered to be in the public interest.

Municipal Reserve means the land specified to be municipal reserve by a subdivision approving authority pursuant to sections 664 and 666 of the *Municipal Government Act*.

Municipal Servicing Installations means the installation of or the development of municipal services such as, water and sewer facilities, roads, storm water drainage facilities, parks, and fire protection and includes municipal structures or infrastructure.

Municipality means Lethbridge County in the Province of Alberta.

Mural means a graphic displayed on the exterior of a building generally for the purpose of decoration or artistic expression.

N

Natural Area means an area of land that is left in its natural and undeveloped state and is intended for use as active or passive recreation areas or for resource protection as a principal use.

Naturally Occurring Wetland – see “**Wetland, Naturally Occurring**”

Noise, Decibel (dB) means a unit used for measuring the magnitude of sound.

Noise Impact means the extent to which a level of noise interferes with the full utilization of a building or tract of land.

Non-conforming Building, in accordance with the *Municipal Government Act*, means a building:

- (a) that is lawfully constructed or lawfully under construction at the date of a Land Use Bylaw or any amendment thereof affecting the building or land on which the building is situated becomes effective; and
- (b) that on the date of the Land Use Bylaw or any amendment thereof becomes effective does not, or when constructed will not, comply with the Land Use Bylaw.

Non-conforming Use – see “**Use, non-conforming**”

Non-noxious or Non-hazardous Use means a use that is determined not to be detrimental to public health, safety and welfare because of the emission or discharge of toxic gases, noxious smells, wastes, noise, dust, smoke, or other detrimental substance.

Noxious or Hazardous Uses means a use or development, usually industrial or commercial in nature, where the use may be detrimental to public health, safety or welfare beyond the boundaries of the site or parcel upon which it is situated, often by reason of emissions (i.e., air, water or noise) created as a result of the use. The use may be incompatible with residential or other development because of toxic gases, noxious smells, wastes, noise, dust or smoke emissions or other detrimental substance which are not confined to the site or parcel upon which the use is situated. This use typically includes types of manufacturing, fabricating, processing, assembly, storage, production or packaging of goods, materials, or products, such as abattoirs, slaughterhouses and rendering plants, alfalfa processing plants anhydrous ammonia storage facilities, fertilizer manufacturing plants, gas processing plants, petrochemical industries or refineries, and metal industries, which are involved in the concentration, refining, smelting, or re-smelting of ores or metals.

Nuisance means any use, prevailing condition or activity which adversely affects the use or enjoyment of property or endangers personal health or safety.

O

Occupancy Permit means a permit issued by the municipality or Safety Codes Officer that authorizes the right to occupy or use a building or structure for its intended use.

Office means development primarily for the provision of professional, managerial or consulting services; the administrative needs of architects, engineers, businesses, trades, contractors and other organizations; and service-related businesses such as travel agents and insurance brokers. This excludes government services, personal services, the servicing and repair of goods, and the manufacturing or handling of a product and may include the sale of related goods as an accessory use.

Off-street Parking means a lot or portion thereof, excluding a public roadway which is used or intended to be used as a parking area for motor vehicles.

Oilfield Contractor Services means a use of land or buildings for the service of equipment, parts, and supplies used in the operation, construction or maintenance of oilfield businesses and operations. Associated activities may include cleaning, repairing and sale of parts and accessories.

Oilfield/Pipe Equipment and Storage means a use of land or buildings for the use, storage, sale and rental of equipment, parts, pipes and supplies used in the operation, construction or maintenance of oilfield businesses and operations.

Open Space means land or water areas retained for use as passive or active recreation areas or for resource protection, visual relief, buffering, flood control, storm water retention, agricultural land protection, or a similar purpose and normally left in an essentially undeveloped state.

Orientation means the arranging or facing of a building or other structure with respect to the points of the compass.

Outdoor Storage means the open storage of goods, merchandise, materials or equipment outside a building on a parcel of land.

Over Speed Control means a device which prevents excessive rotor speed.

Owner means the Crown or the person(s) registered under the *Land Titles Act* as the owner(s) of the fee simple estate in the land.

P

Paint Ball Operations means an outdoor commercial recreation premises consisting of woodlands, water courses, structures, buildings and fields used for paintball activities and do not require modifying the existing setting.

Parcel – see “**Lot**”

Parent Parcel means the complete area contained within a certificate of title of the parcel of land that is proposed to be the subject of a development or subdivision proposal prior to the development or subdivision of that land occurring.

Park and Playground means land developed for public recreational activities that do not require major buildings or facilities, and includes picnic areas, playgrounds, benches, open green space, pedestrian and bicycle paths, outdoor courts, landscaped areas and associated public washrooms and may include equipment for play purposes usually for children and any associated structures and uses.

Park Model Recreation Vehicle means a transportable unit designed to be transported on its own wheels. The unit is intended to be moved to other sites infrequently, however, is approved for towing on public roadways and subject to highway safety standards. These units are occupied on a short-term or seasonal basis and are generally wider and longer than recreational vehicles. They are not considered full-time residential living units.

Park Model Trailer means a recreational vehicle that is either: (a) built on a single chassis mounted on wheels designed for infrequent towing by a heavy-duty tow vehicle but is restricted in size and weight so that it does not require a special highway movement permit and conforms to the CSA-Z-240 standard for recreational vehicles; or (b) a recreational vehicle intended for temporary residence or seasonal use built on a single chassis mounted on wheels, which may be removed and returned to the factory, requiring a special tow vehicle and highway permit to move on the road and conforms to the CSA-Z-241 standard for recreational vehicles. A park model trailer shall not be used as a permanent dwelling unless certified by a Safety Codes Officer and approved by the Development Authority.

Parking Facility means an area, space, or structure for the temporary storing of motor vehicles as defined below:

- (a) **Parking Area** means a portion of land or a building set aside for and capable of providing spaces for the parking of multiple motor vehicles.
- (b) **Parking Space** means a space set aside for and capable of being used for the parking of one motor vehicle.
- (c) **Parking Structure** means a building or structure designed for parking motor vehicles in defined tiers on one or more levels either above or below ground.

Parking Lot means a site or a portion of a site, devoted to the off-street parking of vehicles, including parking space, aisles, access drives, and landscaped areas, and providing vehicular access to a public street. When identified as a specific use in a land use district, the use is contemplated as a principal use of a lot. In all other cases, it is accessory to a principal use.

Parking Stall means that portion of a parking lot that is delineated to accommodate a parked vehicle.

Patio – see “Deck” and “Ground Level Patio”

Permanent Foundation means a foundation installed to provide structural support for a building or structure for a period of at least 20 years and normally includes a concrete slab on grade, concrete strip footing, wood or concrete full basement and pile or pier footing.

Permitted Use – see “Use, Permitted”

Personal Service means a development used for the provision of services related to personal care and appearance or the cleaning and repair of personal effects and may include the retail sale of associated products. Typical uses include but are not limited to beauty salons, barber shops, health spas, tailors and dressmakers, dry cleaners, laundromats and shoe repair shops but excludes household equipment repair establishments and the provision of medical or health services.

Personal Workshop and Storage (Non-Commercial) means a building or use associated with a rural parcel, acreage or yard, which is to be used, or intended to be used, for the private non-commercial, non-industrial personal storage or shop use of the property owner. The primary purpose is to provide private shop or storage space to store personal belongings which typically may include equipment, tools, goods, antiques, furniture, artisan materials or crafts, private contractor materials, or vehicles of the property owner with the workshop space allowing for limited small-scale associated hobby work, crafting, repair, assembly, and personal auto care type uses that are non-commercial in nature.

Place of Worship means a building dedicated to the undertaking of religious practices and activities and includes churches, chapels, temples, parish halls, synagogues, convents, seminaries, monasteries, rectories, mosques and other similar uses and may include such accessory uses as offices for administration of the place of worship, a childcare facility and space for social recreational and community activities.

Plan of Subdivision means a plan of survey prepared by an Alberta Land Surveyor in accordance with the relevant provisions of the *Land Titles Act* for the purpose of effecting a subdivision.

Planning Advisor means the person or organization retained by Lethbridge County to provide planning-related advice and services.

Porch means a roofed, open structure projecting from the exterior wall of a building with walls which are open or screened to facilitate use as an outdoor living area. A porch shall be included in site coverage calculations.

Portable Storage Structure – see “**Fabric Building**”

Post Office – see “**Government Service**”

Power Generation Facilities means a facility that converts one or more energy sources, including but not limited to water power, fossil fuels, nuclear power, or solar power for the purposes of producing, generating, transmitting, delivering, or furnishing electricity for the production of power.

Pre-planned Development means a comprehensively pre-conceived plan for a tract of land typically involving two or more principal uses or structures on a single parcel, with the plan addressing the anticipated uses, lot or building envelope sizes, amount of open space, design standards, landscaping, servicing and any other information required by the Development Authority.

Primary Access means the location and manner of the principal means of access to a building or lot.

Principal Building or Use means the building or use of land or buildings that constitutes the dominant and primary structure, building or activity on the lot and in which all other uses are subordinate and incidental to said use.

Private Nursing Home means a private health facility or institutional-type residential building with multiple accommodation or dwelling units for the care, supervision or rehabilitation of senior-aged individuals, and containing overnight or long term accommodation.

Private Roadway or Private Road means an area of land that provides access to a parcel and is contained within common property forming part of a bare land condominium plan or bare land that is used for the purpose of accommodating a private roadway for access purposes in accordance with an easement agreement registered on it.

Professional Services means an occupation involving the dispensation of a service or advice that requires a specific skill or knowledge and/or registration with a professional administrative/regulatory body that awards a professional designation, for a profit (i.e. lawyers, accountants, engineers, financial planners, pharmacists, etc.), and which may include the accessory sale of goods.

Professionally Planned Report / Study Plan means a study or report that has been professionally prepared on a computer and signed by a registered/licensed professional in the respective field. This may include, but is not limited to, drainage plans, grading plans, slope stability study, septic evaluation report, stormwater management plans. The requirement to be signed and stamped by a professional engineer for some plans may be waived by the Development Authority if it is deemed appropriate.

Provincial Land Use Policies means policies established by order of the Lieutenant Governor in Council pursuant to section 622 of the *Municipal Government Act*.

Public Day Use Area means an area open to the general public for temporary resting and relaxing and which typically consists of off-street parking areas, refuse containers, benches, picnic tables and public washrooms. It may also include an area for low impact recreational activities such as walking, hiking, overlooks and wildlife viewing points, swimming or fishing areas, but does not allow for camping or overnight stays on the premises.

Public/Institutional means public or quasi-public uses, areas or facilities such as, but not necessarily limited to: churches, schools, community halls, cemeteries, weigh scales, government agricultural research stations, public utility facilities and structures, designated federal, provincial or municipal parks, recreation and camping areas.

Public or Private Utility – see “Utility”

Public Roadway means:

- (a) the right-of-way of all or any of the following:
 - (i) a local road,
 - (ii) a service road,
 - (iii) a street,
 - (iv) an avenue, or
 - (v) a lane,that is or is intended for public use; or
- (b) a road, street or highway pursuant to the *Public Highways Development Act*.

Q

Qualified Professional means a professional educated in their field of practice or study and who can demonstrate appropriate knowledge, expertise and abilities and one who practices the principle of professional accountability (architect, landscape architect, land use planner, municipal planner, biologist, civil engineer, geotechnical engineer, municipal engineer, Alberta Land Surveyor, agrologist, geoscientist, hydrologist). A qualified professional can be described as an expert with specialized knowledge in field which one is practicing professionally and practices a high standard of professional ethics, behaviour and work activities while carrying out one's profession. See "Professional services".

Qualified Professional, Wetlands, means a person recognized and registered with the province as a Qualified Wetland Science Practitioner (QWSP) who is a person with experience and training in the applicable field. Typically, a qualified professional must have obtained a B.S. or B.A. or equivalent degree in biology, engineering, environmental studies, fisheries, geology or related field, and a minimum of 2 years of related work experience.

Quarry – see "Resource Extraction and Associated Works"

Queuing Aisle means an area of a lot designed to accommodate vehicles waiting in line at a vehicle-oriented facility.

Queuing Space means the part of a queuing aisle need to accommodate a single vehicle.

R

Railway and Railway Related Uses means the use of land, buildings or structures for purposes directly connected with rail transportation and may include such facilities as tracks, sidings, signal devices, shops and yards for storage and maintenance, loading platforms, and freight terminals.

Real Property Report (RPR) means a legal document that illustrates in detail the location of all relevant, visible public and private improvements relative to property boundaries and is prepared by an Alberta Land Surveyor.

Recreation, Minor means a recreation area, use, facility, structure or building that is passive, of low impact, or is isolated and smaller in scale with typically less potential for off-site impacts to adjacent land uses, and may include a scenic or natural view spot, public park, playground, sports field, small commercial recreational operation, historic or archaeological site or any similar facility or use of land or buildings and may be privately operated or owned and/or administered by any level of government. Typical facilities would include neighbourhood parks, swimming pools, spray parks, playground structures, tot-lots, athletics clubs, an indoor or outdoor rink, gymnasium, gymnastic or dance facilities, roller skating rinks, bowling alleys, designated fishing areas, boat moor/dock areas, sports field training facilities, mini-golf, paint ball facilities in rural areas, and racquet clubs. The facility could involve a fee for use and may also include eating and retail areas if suitable for the site and land use district.

Recreational Facilities means buildings or structures associated with accommodating recreational uses and used exclusively for those recreational pursuits which require physical alteration to the area in which they are performed, or those facilities used exclusively for the preparation, maintenance, and storage of

equipment used in recreational activities. Play apparatus such as swing sets and slides, sandboxes, poles for nets, unoccupied boats and trailers, picnic tables, benches, barbecue stands, and similar equipment or structures, business operations and non-residential shelter facilities for persons engaged in said activities.

Recreational Vehicle (RV) means a vehicle or trailer built on a single chassis and designed to be self-propelled, mounted on, or towed by another vehicle, and which is not normally more than 2.6 m (8.5 ft.) in width and 37.16 m² (400 sq. ft.) in area, and conforms to the CSA Z240 standard for RVs. A recreational vehicle is not designed or intended for use as a permanent dwelling, but as temporary living quarters for recreational camping, travel, vacation or seasonal use and shall not be used as a permanent dwelling unless certified by a Safety Codes Officer and approved by the development authority. Examples include but are not limited to a travel trailer, camping trailer, truck camper, motor home, fifth-wheel trailer, or van.

Recreation Vehicle (RV) Park means a tract of land for intended for occupancy by RVs for a temporary period of time (i.e. seasonal) and which may include facilities such as washrooms, showers, sani-dumps, water stations and recreational amenities.

Recreational Vehicle (RV) Storage means the storage, outdoors or inside a permanent structure, of recreational vehicles as defined in this Bylaw, and other recreational or off-road vehicles including, but not limited to, boats, trikes, quads, personal watercraft, snowmobiles and trailers used to transport recreational vehicles.

Recycling Drop-off means the use of land or buildings for receiving and/or temporary storage of discarded and recyclable articles, such as paper, plastic, tin, glass and cardboard.

Recycling Facility means a development used for the buying, collection, sorting, temporary storage of and processing for the preparation of shipment discarded and recyclable articles where most of the storage is contained within an enclosed building but may include limited outdoor storage.

Recycling Oil Depot means a development or facility used to recycle or where the public may to drop off used oil, oil filters, antifreeze, and their containers along with Diesel Exhaust Fluid (DEF) containers with the operation being a Registered Used Oil Processors (recyclers) company that has been audited and approved by the Alberta Recycling Management Authority (ARMA).

Recycling Soils means a process of soils treatment that consists of excavating a contaminated area and then transporting and disposing the contaminated soils to a certified treatment site away from ready pathways for human or sensitive ecosystem contact. The use may also commonly be referred to as landfarming. The process typically involves the aeration of soils where it is mixed into the soil surface and periodically turned over (tilled) to aerate the mixture but may also involve bioremediation or biotreatment cells and which the process commonly uses a clay or composite liner to intercept leaching contaminants and prevent groundwater pollution.

Regionally Significant Areas means a public park, designated historic or archaeological site, environmentally sensitive area, forest reserve or any similar facility owned and/or administered by any level of government which has some significance to a broad geographic area.

Registered Owner means:

- (a) in the case of land owned by the Crown in right of Alberta or the Crown in right of Canada, the Minister of the Crown having the administration of the land; or

- (b) in the case of any other land:
- (i) the purchase of the fee simple estate in the land under an agreement for sale that is the subject of a caveat registered against the Certificate of Title in the land, and any assigned of the purchaser's interest that is the subject of a caveat registered against the Certificate of Title; or
 - (ii) in the absence of a person described in paragraph (i), the person registered under the *Land Titles Act* as the owner of the fee simple estate in the land.

Reserve Land means environmental reserve, municipal reserve, school reserve or municipal and school reserve pursuant to the *Municipal Government Act*.

Residential accommodation in conjunction with an approved commercial/industrial/recreational use means a residential unit that is physically part of or detached from, a commercial building so that the dwelling unit is supplementary use to that principal use. Typical uses include residential units on the second storey above a main floor commercial use or a caretaker dwelling at a manufactured home park, RV park, campground, or industrial complex requiring a resident on site for security.

Residual Lot means the portion of a lot which is not the primary objective of a subdivision and will be the remainder area of the original title once a subdivision has occurred. For example, if a 32.4 ha (80 acre) title was subdivided to provide for a 2.0 ha (5 acre) farmstead, the remaining 30.4 ha (75 acres) would be considered the residual lot.

Resource Extraction and Associated Works means a use involving on-site extraction of surface or subsurface mineral products or natural resources and the storage of the same. Typical uses are quarries, borrow pits, sand and gravel operations, mining, and soil mining.

Rest Stop means a place for vehicles to pull off a public roadway which may or may not include public restrooms and picnic areas but does not include campgrounds.

Restaurant means an establishment where food is prepared and served on the premises for sale to the public and may include supplementary alcoholic beverage service and supplementary on-or-off-premises catering services. This term includes restaurants, cafes, coffee shops, lunch and tea rooms, fast food establishments, sandwich shops, ice cream parlours, banquet facilities, drive-in or take-out restaurants and other uses similar in character and nature to any one of these.

Retail Cannabis Store means the use of a store, premises or a building for a commercial retail cannabis business, licensed by the Province of Alberta, where legal non-medical cannabis and cannabis accessories are sold to individuals who attend at the premises and the product sales or associated sales are expressly authorized by the Alberta Gaming and Liquor Commission (AGLC).

Retail, Convenience means a retail store that sells a limited line of groceries and household goods for the convenience of the neighbourhood and does not exceed 278.7 m² (3,000 sq. ft.) in gross floor area.

Retail, Large (5,000 sq. ft. or more) means a retail store in which the gross floor area of the building meets or exceeds 5,000 sq. ft.

Retail Sales or Use means a business use or activity involving the selling of goods, wares or merchandise directly to the consumer and typically may include clothing, food, household items, electronics, furniture, pharmaceuticals and hardware related goods. This use does not include Retail Cannabis Store which is a separate use.

Retail, Small (less than 5,000 sq. ft.) means a retail store in which the gross floor area of the building is less than 5,000 sq. ft.

Retail Store means a building where goods, wares, merchandise, substances, articles or things are stored, offered or kept for sale at retail, and includes storage on or about the store premises of limited quantities of such goods, wares, merchandise, substances, articles or things, sufficient only to service such a store. This use does not include Retail Cannabis Store which is a separate use.

Retained Wetlands – see “Wetlands, Retained”

Riding Academies and Arenas means an establishment where horses are boarded and cared for and where instruction in riding, jumping and showing is offered and the general public may, for a fee, hire horses for riding.

Riding Arena (personal non-commercial use) means an establishment where horses are boarded and cared for, for the benefit of the homeowner only. This does not include instructions for riding, jumping, showing, or boarding horses for the general public.

Rifle, Pistol and Archery Ranges – see “Shooting Range”

Riparian Area means a vegetated buffer strip that provides a wildlife habitat that is located adjacent to and is strongly influenced by a watercourse.

Rodeo Grounds means an agricultural-recreation oriented facility for the exhibition or competition of an animal’s bloodline, behaviour, quality or other trait and which may also include facilities (arena, chutes, grandstand, corrals, stables, concession booths, etc.) to carry out such a purpose.

Rotor’s Arc means the largest circumferential path traveled by a WECS’ blade.

Rowhouse – see “Dwelling, Townhouse/Row”

S

Safety Codes means a code, regulations, standard, or body of rules regulating things such as buildings, electrical systems, elevating devices, gas systems, plumbing or private sewage disposal systems, pressure equipment, fire protection systems and equipment, barrier free design and access, in accordance with the *Safety Codes Act, RSA 2000, Chapter S-1*, as amended.

Salvage and Wrecking Yard means the use of land or buildings for the receiving, dismantling, resale or transportation of inoperable motor vehicles, machinery, equipment, parts metals, construction material or other similar materials. Such uses include, but are not limited to, junkyards, auto wreckers, and salvage and scrap yards.

Sandblasting Facility means a development or buildings where the major source of activity involves the large scale sandblasting of agricultural, industrial, automotive or oilfield equipment. Sandblasting facilities may also include welding and painting facilities on-site.

Satellite Dishes and Radio or Television Antenna means a structure designed specifically to receive television and radio signals.

School means a place of instruction offering courses of education or study operated with public or private funds pursuant to the provincial *School Act*.

Screening means a visual barrier consisting of a fence, wall, berm hedge or similar feature used to visually separate areas or functions.

Secondary Suite means a development consisting of an ancillary dwelling unit located within, and accessory to, a structure in which the principal use is a single detached dwelling or in conjunction with an approved detached garage and has cooking facilities, food preparation area, sleeping and sanitary facilities, which are physically separate from those of the principal dwelling within the structure.

Security Suite means a living area of less than 92.9 m² (1000 sq. ft.) that may contain office, kitchen, sleeping and washroom facilities, but is not intended for permanent occupation of multiple residents and is not a dwelling. The security suite is a secondary use to an approved use, therefore requiring the industrial or commercial use to be in operation while the suite is located.

Seed Processing Facility means a building or facility used for the storage, cleaning, sorting, bagging and preparation of seeds, for agricultural purposes.

Seniors Housing means development, including lodges, which is used as a residence for elderly individuals not requiring constant or intensive medical care and complies with the *Alberta Housing Act*, as amended and is sponsored and administered by any public agency or any non-profit organization, either of which obtains its financial assistance from Federal, Provincial, or Municipal Governments or agencies or public subscriptions or donation or any combinations thereof. Senior citizen accommodation may include lounge, dining, health care, and recreation facilities.

Service Station/Gas Bar means the use of land or buildings for the retail sale of motor vehicle accessories, gasoline or other fuels and the supply of minor repair services for motor vehicles.

Setback means the minimum distance required between property line of a lot and the nearest part of any building, structure, development, excavation or use on the lot and is measured at a right angle to the lot line. (see Diagram 9.12)

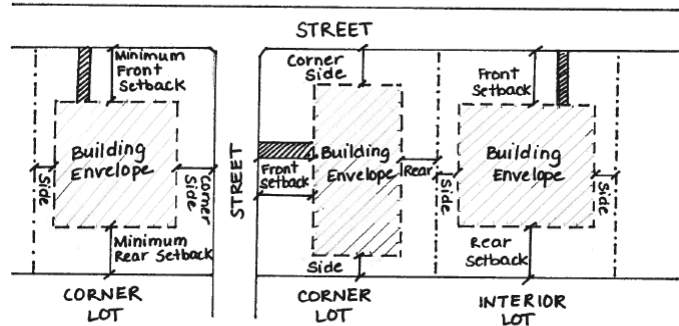


DIAGRAM 9.12

*Note: On a corner lot, the corner side setback is assigned to the frontage that does not provide the primary access to the building or development.

Shall means, within the context of a policy, that the action is mandatory.

Shipping Container (c-container or sea-container) means any container that was used for transport of goods by means of rail, truck or by sea, they may also be referred to as cargo containers, c-containers or sea-containers. These containers are rectangular in shape and are generally made of metal. When used for any purpose other than transporting freight, a shipping container shall be considered a building and subject to the standards and requirements of the Land Use Bylaw.



Shooting Club means a non-profit organization whose activities include target practice or target shooting competitions using firearms at an identified approved shooting range.

Shooting Range means an area, building or structure that is designed or intended for the safe discharge, on a regular and structured basis, of firearms including but not limited to rifles, shotguns, pistols, silhouettes, skeet, trap, black powder, or any similar firearm, for the purpose of sport shooting, target practice or shooting competitions.

Sign means any device (including but not limited to letters, words, numerals, figures, emblems, pictures, or any part or combination) used for advertising or visual communication intended to attract the attention of the public and is visible to the public right-of-way or other properties.

Site – see “Lot”

Site Coverage means the percentage of the lot area which is covered by all buildings and structures on the lot.

Site Coverage, Accessory means the percentage of the lot area which is covered by the combined area of all accessory buildings and structures and includes uncovered decks.

Site Coverage, Principal means the percentage of the lot area which is covered by the principal building including any structure attached to the principal building by an open or enclosed roofed structure, including but not limited to attached garages, verandas, covered balconies, covered decks, and porches.

Site, Density means the average number of families, persons or dwelling units per unit of land.

Site Plan means a plan drawn to scale illustrating the proposed and existing development prepared in accordance with the requirements of this Bylaw.

Sky Glow Protection Region means a 1.5 kilometre setback radius that is centered on the Oldman River Observatory located in Popson Park in the City of Lethbridge where special lighting restrictions may apply.

Smart Growth means a collection of land use and development principles (summaries below) that aim to enhance quality of life, preserve the natural environment, and save money over time. The principles include:

- (1) Using land resources more efficiently (i.e. compact building forms, infill development etc.)
- (2) Locating non-residential land uses within walking distance of residential neighbourhoods
- (3) Providing a variety of housing choices (i.e. varying size and varying affordability)
- (4) Supporting transportation and design alternatives to the motor vehicle (i.e. walking, cycling etc.)
- (5) Connecting infrastructure and development decisions (i.e. locating density where capacity exists)
- (6) Improving the development review process to encourage developers to apply said principles

Solar Collector means a device or structure that is capable of collecting and distributing solar energy for the purpose of transforming it into thermal, chemical or electrical energy.

Solar Collection Facility/Commercial (utility-scale) means a grouping of multiple (more than 5) devices, panels or structures and the substation that are capable of collecting and distributing solar energy at one megawatt or greater for the purpose of transforming it into thermal, chemical or electrical energy, and typically will tie-in and feed or sell power to the provincial electrical grid transmission or distribution system. The use includes any associated solar panels, solar modules, supports or racks, inverters, electrical transformer or substations required for the operation.

Solar Collector (Individual) means a smaller-scale solar device, array, or panel that transforms direct solar energy into electrical or thermal energy and is primarily utilized on-site, on an individual parcel, lot, or building, for the sole or primary consumption of the landowner, resident or occupant.

Solar Electric Vehicle Charge Stations/Facilities means a type of service station for recharging electric vehicles (charging station) with the energy used in the recharging process being 100% renewable due to a photovoltaic energy generation infrastructure and a battery energy storage system; offering the necessary power to supply ultra-fast recharges to electric vehicles that need it. The solar charging stations may use their own photovoltaic park or use those that are already operating in the vicinity, connected to the electricity grid.

Specialty Manufacturing / Cottage Industry means a development that involves the small-scale, on-site production, fabrication, or processing of goods in a building not exceeding a gross floor area of 929 m² (10,000 sq. ft.), including areas devoted to retail sales, display, product sampling, and storage. This use

includes, but is not limited to, bakeries and specialty food production facilities, distilleries, micro-breweries, wineries, various artisan and craftsman (e.g., glass, art, textile, pottery and sculpture studios), luthiers, tanners, taxidermists, wood working, specialty furniture makers, cabinetry, home furnishing makers, decorative, and small product assembly.

Sportsfields means a recreational use of land to accommodate passive or active type athletic, sport or recreational activities such as soccer, football, rugby, field hockey, and baseball and may include minor associated uses or structures such as benches, bleachers, washrooms, maintenance buildings.

Spur Line means a short railway line normally used for a single industrial development.

Statutory Plan means an Intermunicipal Development Plan, Municipal Development Plan, Area Structure Plan, or Area Redevelopment Plan adopted pursuant to the *Municipal Government Act*.

Stockpile means the temporary storage of materials on or off a hard surface including but not limited to soil, manure, forage or feed crops, or machinery.

Stop Order means an order issued by the development authority pursuant to section 645 of the *Municipal Government Act*.

Storage Display Area means a limited or defined area on a commercial or industrial lot which provides examples of equipment, products, vehicles or items sold by the business use and located on the subject site containing the display area, but not located within any required setback, or located on any required and approved landscaping area unless approved by the Development Authority.

Storey means that portion of a building included between the top of any floor and the top of the floor next above, or of the ceiling if there is no floor above it.

Street means a public thoroughfare affording the primary means of access to abutting parcels. It does not include lanes.

Stripping and Sale of Topsoil means the stripping of topsoil for commercial purposes but does not include excavation that forms a cavity or hole.

Structure means anything constructed or erected with a fixed location on the ground or attached to something having a fixed location on the ground. Among other things, structures include buildings, walls, fences, flagpoles, stairs and signs.

Subdivision means the division of a parcel of land by an instrument. **Subdivide** has a corresponding meaning.

Subdivision and Development Appeal Board means the tribunal established, by bylaw, to act as the municipal appeal body for subdivision and development.

Subdivision and Development Regulation means regulations established by order of the Lieutenant Governor in Council pursuant to section 694 of the *Municipal Government Act*.

Subdivision Authority means the municipal body established by bylaw to act as the subdivision authority in accordance with section 623 of the *Municipal Government Act*.

Subsidence means a localized downward settling or sinking of a land surface.

Such As means includes but is not limited to.

Surface, Hard means an asphalt or concrete surface or other similar surface approved by the development authority but excludes rocks, gravel and dirt.

T

Technology Centre/Hub means a facility that promotes the clustering of innovative, similar or associated, or start-up industries of technology, IT, computer science or telecommunication-based businesses, such as those involved in the internet, Geomatics, or the information and communications technology sectors, with the centre focusing on sharing knowledge, skills, digital or fibre optics/electronic infrastructure, and which may provide low-cost computer access and/or training.

Telecommunication Antenna means a structure and any associated system, including all masts, towers and other antenna supporting structures that is used for the transmission, emission or reception of television, radio or telecommunications.

Telecommunication Facility means an antenna or tower, typically constructed of metal and used to convey telecommunications signals and includes any related accessory structures. It may also be a shortened tower or antennae on top of a structure.

Temporary Development means a use, building and/or structure maintained for a designated time period (i.e. not meant to be permanent) as specified in a temporary development permit and ceased and removed after that time.

Total Height (in relation to WECS) means the height from grade to the highest vertical extension of a WECS. In the case of a WECS with a horizontal axis rotor, total height includes the distance from grade to the top of the tower, plus the distance from the top of the tower to the highest point of the rotor's arc.

Tourist Accommodation means a building, or part thereof, containing either sleeping or dwelling units, or a combination of both, where accommodations are provided for transient paying guests, with or without meals, typically for a period of less than 28 days, which may also contain commercial uses and additional services such as restaurants, dining rooms, room service, convenience stores or conference related facilities.

Tourist Home/Short Term Rental means a residential dwelling unit operated as a rental or leased accommodation unit, occupied by a guest or guests for a period of less than 30 days, where the homeowner may typically be absent from the premises during the period of the guests stay.

Tower means the structure which supports the rotor above grade.

Townhouse – see “**Dwelling, Townhouse/Row**”

Truck Stop means a commercial use of land or buildings in which or upon which a business, service or industry involved in the maintenance, servicing, temporary parking or storage, or report of commercial vehicles is conducted or rendered including the dispensing or fuel products, the sale of accessories and/or equipment for trucks and similar commercial vehicles. A truck stop may also include convenience stores, washrooms and restaurant facilities, and may include showers or overnight accommodation facilities solely for the use of truck crews.

Truck Transportation Dispatch/Depot means a facility for the purpose of storing and/or dispatching trucks, buses, fleet vehicles, and transport vehicles and may include towing operations. The use may also involve the transfer of goods primarily involving the loading and unloading of freight-carrying trucks.

U

Unsubdivided Quarter Section has the same meaning as the *Municipal Government Act, Subdivision and Development Regulation* definition and also means a single titled area containing 64.8 ha (160 acres) more or less, but excluding registered right-of-way plans for public roadways, road widenings, irrigation canals, utilities, pipelines and previous subdivisions for government, quasi-public (e.g. irrigation districts) uses or school sites.

Use means the purposes for which land or a building is arranged or intended, or for which either land, a building or a structure is, or may be, occupied and maintained.

Use, Discretionary means those uses as prescribed in Part 3 of this Bylaw for which a development permit may be issued with or without conditions by the Development Authority at its discretion upon application having been made to the development authority if the proposed use conforms with this Bylaw.

Use, Non-conforming, in accordance with the *Municipal Government Act*, means a lawful specific use:

- (a) being made of land or a building or intended to be made of a building lawfully under construction, at the date of a Land Use Bylaw or any amendment thereof, affecting the land or building, becomes effective; and
- (b) that on the date the Land Use Bylaw or any amendment thereof becomes effective does not, or in the case of a building under construction will not comply with the Land Use Bylaw.

Use, Permitted means those uses as prescribed in Part 3 of this Bylaw for which a development permit shall be issued with or without conditions by the Development Authority upon application having been made to the Development Authority if the proposed use conforms to this Bylaw.

Use, Principal means the main purpose or primary activity for which a site or its buildings are designed, arranged, developed or intended, or for which it is occupied or maintained.

Use, Similar means a use of land or building(s) for a purpose that is not provided in any district designated in this Bylaw, but is deemed by the Development Authority to be similar in character and purpose to another use of land or buildings that is included within the list of uses prescribed for that district.

Utility means any one or more of the following:

- (a) systems for the distribution of gas, whether artificial or natural;
- (b) waterworks systems (facilities for the storage, transmission, treatment, distribution or supply of water);
- (c) sewage systems (facilities for the collection, treatment, movement or disposal of sanitary sewage);
- (d) storm sewage drainage facilities;
- (e) telecommunications systems;
- (f) systems for the distribution of artificial light or electric power;

- (g) facilities used for the storage of telephone, cable, remote weather stations or internet infrastructure; and
- (h) any other things prescribed by the Lieutenant Governor in Council by regulation;

but does not include those systems or facilities referred to in subclause (a) through (g) that are exempted by the Lieutenant Governor in Council by regulation.

Within the context of this definition, “**Public Utility**” means a utility that is owned or operated by some level of government, and “**Private Utility**” means the utility is owned or operated by a non-government entity, private company, publicly traded company or utility agency.

V

Valley Crest means the transition line between the valley bank where grades exceed 15 percent and the adjacent upland area where grades are less than 15 percent.

Variance – see “**Waiver**”

Vehicle has the same meaning as in the *Traffic Safety Act* and the regulations thereunder.

Veranda means a generally unenclosed, roofed structure adjoining a principal building or built as a structural part of it. A veranda shall be included in site coverage calculations.

Vertical Axis Rotor means a wind energy conversion system where the rotor is mounted on an axis perpendicular to the earth’s surface.

Veterinary Clinic, Large Animal means a facility for the medical treatment of primarily large animals (e.g. typically horse, cows, hogs, etc.) but may treat animals of all sizes and can consist of inside and outside pens and may include associated office space and the supplementary sale of associated products.

Veterinary Clinic, Small Animal means a facility for the medical treatment of small animals (e.g. typically domestic household pets such as dogs, cats, rabbits, etc.) and includes the provision for their overnight accommodation within the building only, and may include associated office space, with no provision for outside pens or cages. This use may include off-site treatment of animals or livestock of any size and the supplementary sale of associated products.

W

Waiver means a whole or partial exemption or relaxation of the numerical standard(s) required of a development as established in the Land Use Bylaw and which has been allowed by the Development Authority authorized to grant it pursuant to this bylaw. A waiver cannot be granted for use.

Warehousing means the use of a building or portion thereof for the storage and distribution of materials, products, goods and merchandise but does not include a retail component. This use does not include Cannabis Production Facility which is a separate use.

Waste Management Facility, Major means a site used primarily for the storage, processing, treatment and disposal of solid and/or liquid wastes, which may have adverse environmental impact on adjacent

sites by virtue of potential emissions and/or appearance. Typical uses include sanitary landfills, garbage transfer and compacting stations, incinerators, sewage lagoons, and similar uses.

Waste Management Facility, Minor means a site used for the storage, disposal and filling of clean clay, waste concrete and paving materials, non-noxious scrap building materials, and similar non-hazardous wastes which normally do not generate any environmental pollution to the site and surrounding lands. This includes a dry-waste site.

Water Ski Park means a constructed water structure or facility which consists of a narrow lake, river/canal diversion or man-made reservoir designed to accommodate outdoor recreational or professional water skiing or wake boarding use, typically with water diverted from an adjacent water source. The water ski park lake may include internal islands/buoys constructed in order to enable boats or motorized ski-pulls to turn around skiers and pull them in the other direction. The facility may be privately or commercially operated and may include associated docks, marinas, boat houses, picnic tables, benches, public restrooms, competition viewing areas, parking lots and club house uses on the premises.

Water Slide, Water Park means a structure or facility which consists of a type of slide or tube designed for outdoor warm-weather or indoor recreational use, typically with water pumped to its top and allowed to flow down its surface, although some may simply be wet. A water slide or water park may be considered as a type of amusement park that features waterplay areas, such as slides, splash pads, spray grounds (water playgrounds), lazy rivers, or other recreational bathing environments. The facility may be privately or commercially operated and may include associated retail or restaurant uses on the premises.

Water Treatment Plants and Reservoirs means any facility used in the collection, treatment, testing, storage, pumping, or distribution of water for public water system.

Welding/Metal Fabrication means a commercial operation engaged in the fabrication, assembly or structural repair of machinery, equipment or vehicles by welding. Such a facility may include offices and a general area for the repair and servicing of machinery, equipment or vehicles and storage of parts and equipment related to the operations of the business.

Wetland means land saturated with water long enough to promote the formation of water altered soils, growth of water tolerant vegetation, and various kinds of biological activity that are adapted to the wet environment.

Wetland Classification means the designation assigned to a wetland pursuant to various methodologies including the Stewart and Kantrud (1971) Wetland Classification Methodology.

Wetland Function means a process or series of processes that take place within a wetland.

Wetland, Naturally Occurring means a wetland where water has or does accumulate to the water elevations documented to have occurred under natural conditions.

Wetlands, Retained means wetlands that will not be disturbed during development, which requires that any development be designed to maintain the pre-development wetland classification as set out in a municipal approved Wetland Report.

Wetland Value means the importance of a wetland from an ecological and human perspective. It is assessed based on the relative abundance on the landscape and other key criteria such as

biodiversity, water quality improvement, flood reduction, and human values, such as recreation, education, and cultural significance.

Wildlife Corridor means an area which provides or is designed to provide connectivity between patches of wildlife habitat. Wildlife corridors generally do not fulfill the requirements of wildlife habitat patches except for the physical security provided by vegetative cover or other buffers from development.

Wind Energy Conservation System (WECS) means a system consisting of subcomponents which convert wind energy to electrical energy and having major components being generator rotors, tower and a storage system.

Work Camp means a parcel used for the temporary accommodation of construction or resource industry workers. The site will typically include on-site buildings, trailers or other acceptable means of accommodation used to house and feed the workers and/or store project construction materials and/or provide office space for contractors and sub-contractors.

Workshop Institutional Use means a secondary or accessory use associated with an institution, which may include but is not limited to crafts, wood working, pottery, agricultural related products, home furnishings, artisan crafts, with the primary purpose to provide employment opportunities or supplemental income to the institution or its clients.

Y

Yard means the area between a lot line and the nearest part of any building, structure, development, excavation or use on the lot. (see Diagram 9.13)

Corner Side Yard means a yard on a corner lot with street frontage but which is not the frontage where the main entrance to the building is oriented. (see Diagram 9.13)

Front Yard means a yard extending across the full width of a lot and situated between the front lot line and the nearest portion of the principal buildings. On a corner lot, it is the yard associated with the front lot line. (see Diagram 9.13)

Rear Yard means a yard extending across the full width of a lot and situated between the rear lot lines and the nearest portion of the principal building. (see Diagram 9.13)

Side Yard means a yard extending from the front yard to the rear yard and situated between the side lot lines and the nearest portion of the principal building. (see Diagram 9.13)

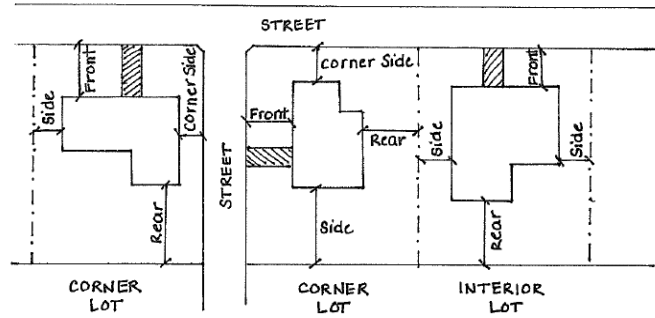


DIAGRAM 9.13

All other words and expressions, not otherwise defined, shall have the same meaning assigned to them in the *Municipal Government Act*.



PART 10

LAND USE DISTRICTS MAPS

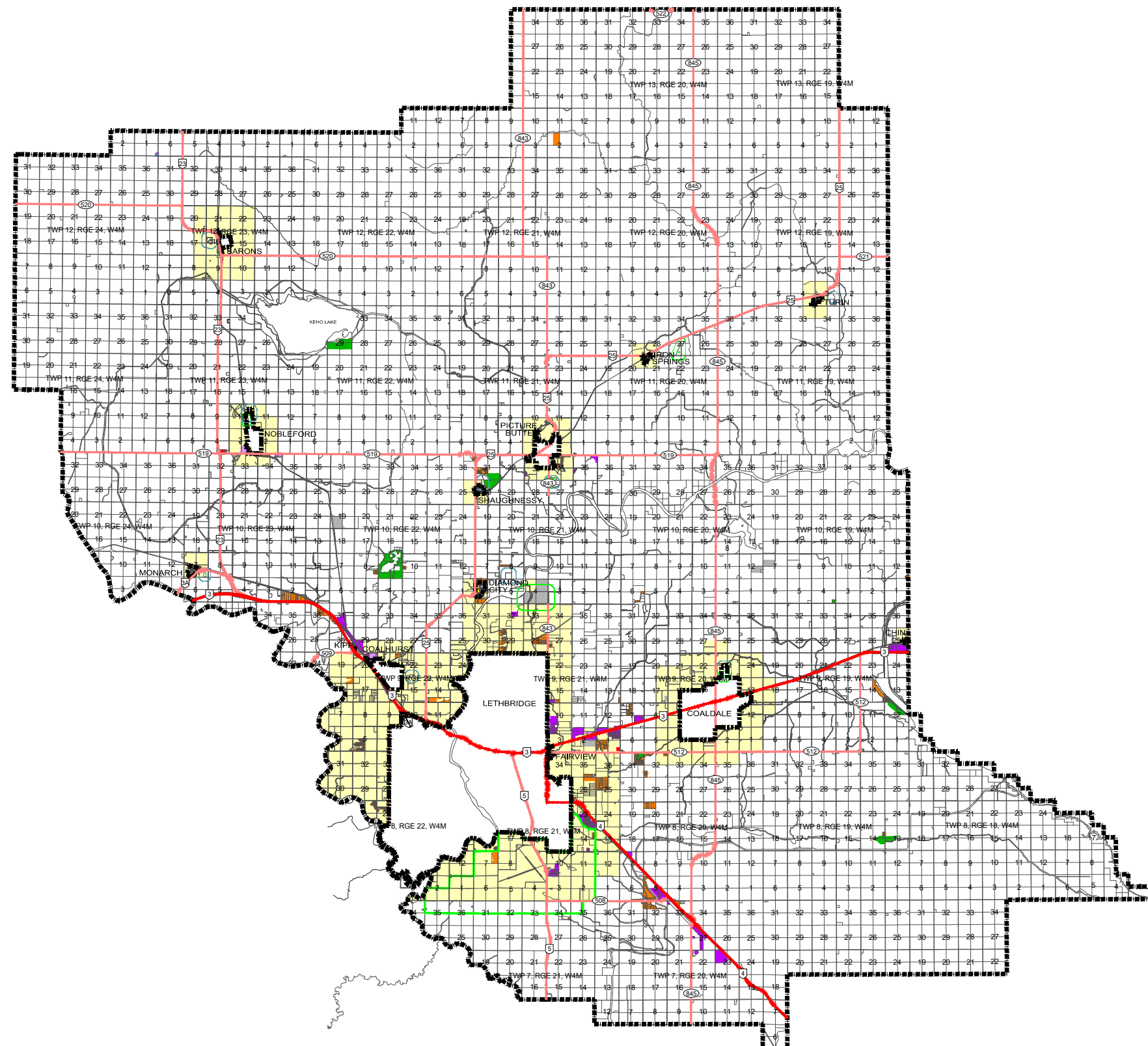


LAND USE BYLAW NO. 24-007
DRAFT, 2024

MAP 1 - OVERVIEW MAP

LAND USE DISTRICTS

- RURAL AGRICULTURE – RA
- URBAN FRINGE – UF
- GROUPED COUNTRY RESIDENTIAL – GCR
- RURAL GENERAL INDUSTRIAL – RGI
- BUSINESS LIGHT INDUSTRIAL – BLI
- RURAL COMMERCIAL – RC
- RURAL RECREATIONAL – RR
- HAMLET RESIDENTIAL – HR
- HAMLET COMMERCIAL – HC
- HAMLET INDUSTRIAL – HI
- HAMLET PUBLIC / INSTITUTIONAL – HP/I
- HAMLET DIRECT CONTROL – HDC
- HAMLET TRANSITIONAL / AGRICULTURAL – HT/A
- DIRECT CONTROL - DC
- AIRPORT PROTECTION AREA – APA



MAP PREPARED BY:
OLDMAN RIVER REGIONAL SERVICES COMMISSION
3105 16th AVENUE NORTH, LETHBRIDGE, ALBERTA T1H 5E8
TEL. 403-328-1344
NOT RESPONSIBLE FOR ERRORS OR OMISSIONS





LAND USE BYLAW NO. 24-007
DRAFT, 2024

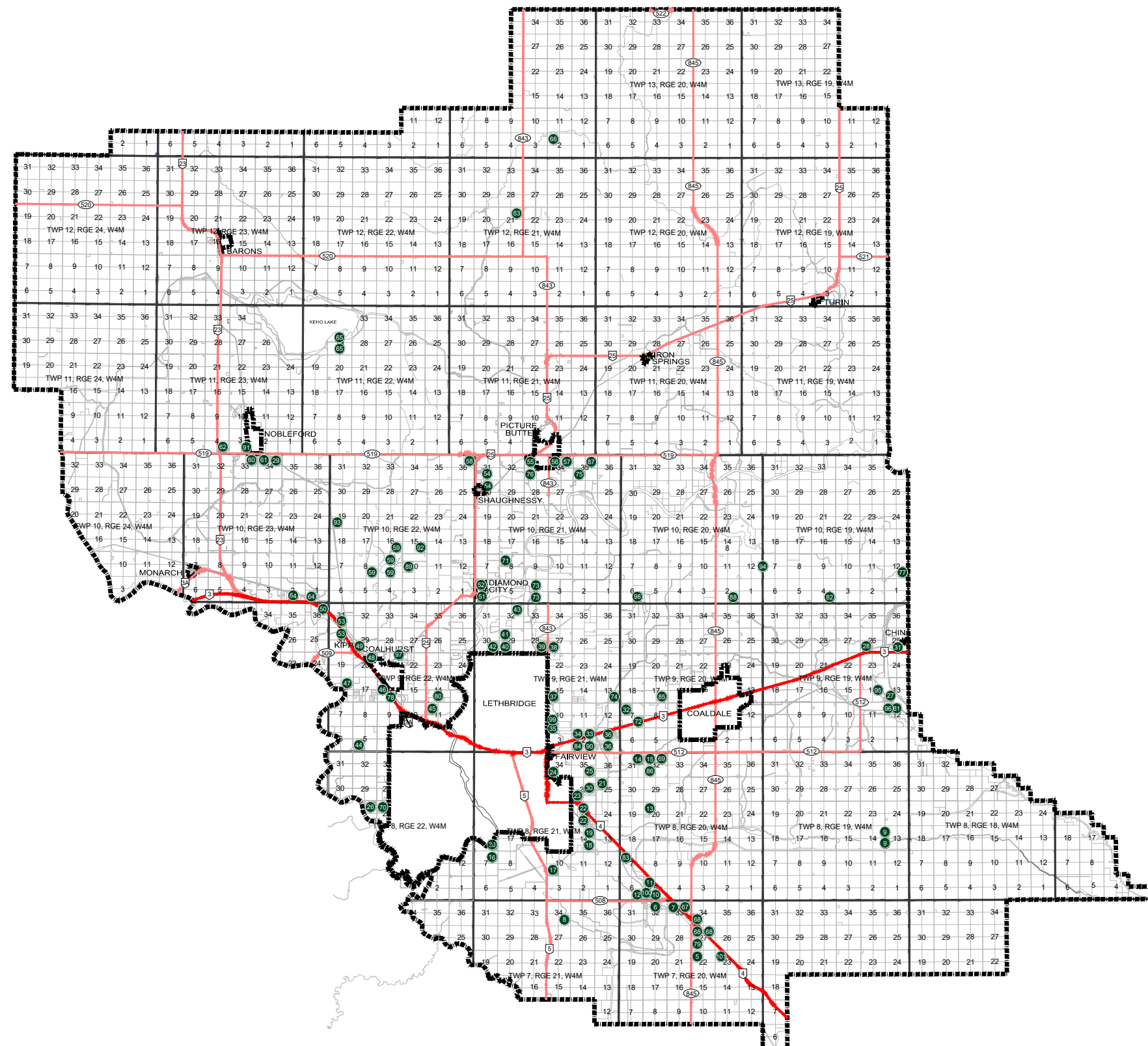
MAP 2 - GUIDE MAP

FRINGE MAPS

- F1 BARONS
- F2 CHIN
- F3 COALDALE
- F4 COALHURST
- F5 DIAMOND CITY
- F6 IRON SPRINGS
- F7 LETHBRIDGE
- F8 MONARCH
- F9 NOBLEFORD
- F10 PICTURE BUTTE
- F11 SHAUGHNESSY
- F12 TURIN

HAMLET MAPS

- H1 CHIN
- H2 DIAMOND CITY
- H3 FAIRVIEW
- H4 IRON SPRINGS
- H5 KIPP
- H6 MONARCH
- H7 SHAUGHNESSY
- H8 TURIN

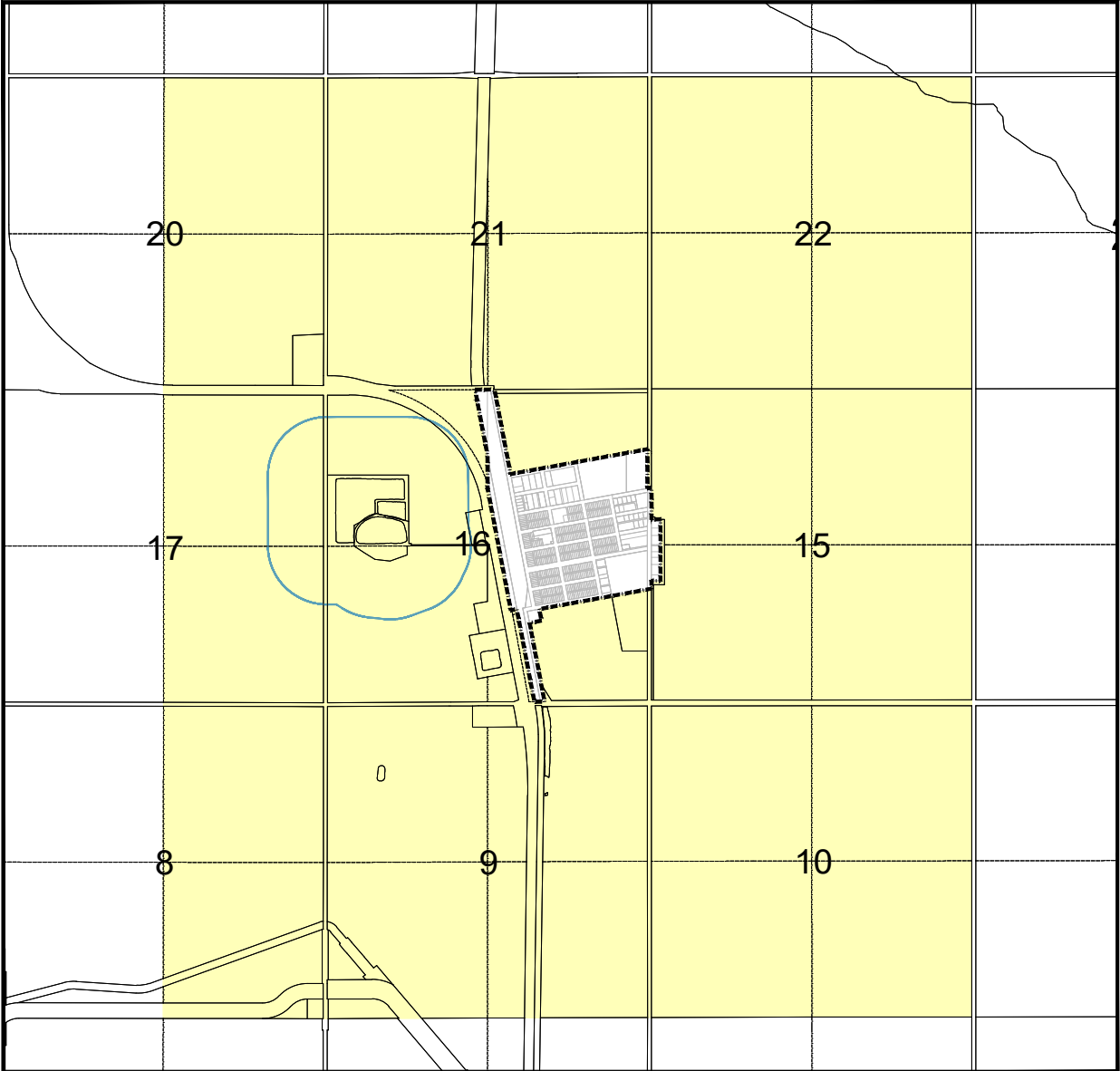


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VILLAGE OF BARONS FRINGE **F1**



LAND USE DISTRICTS

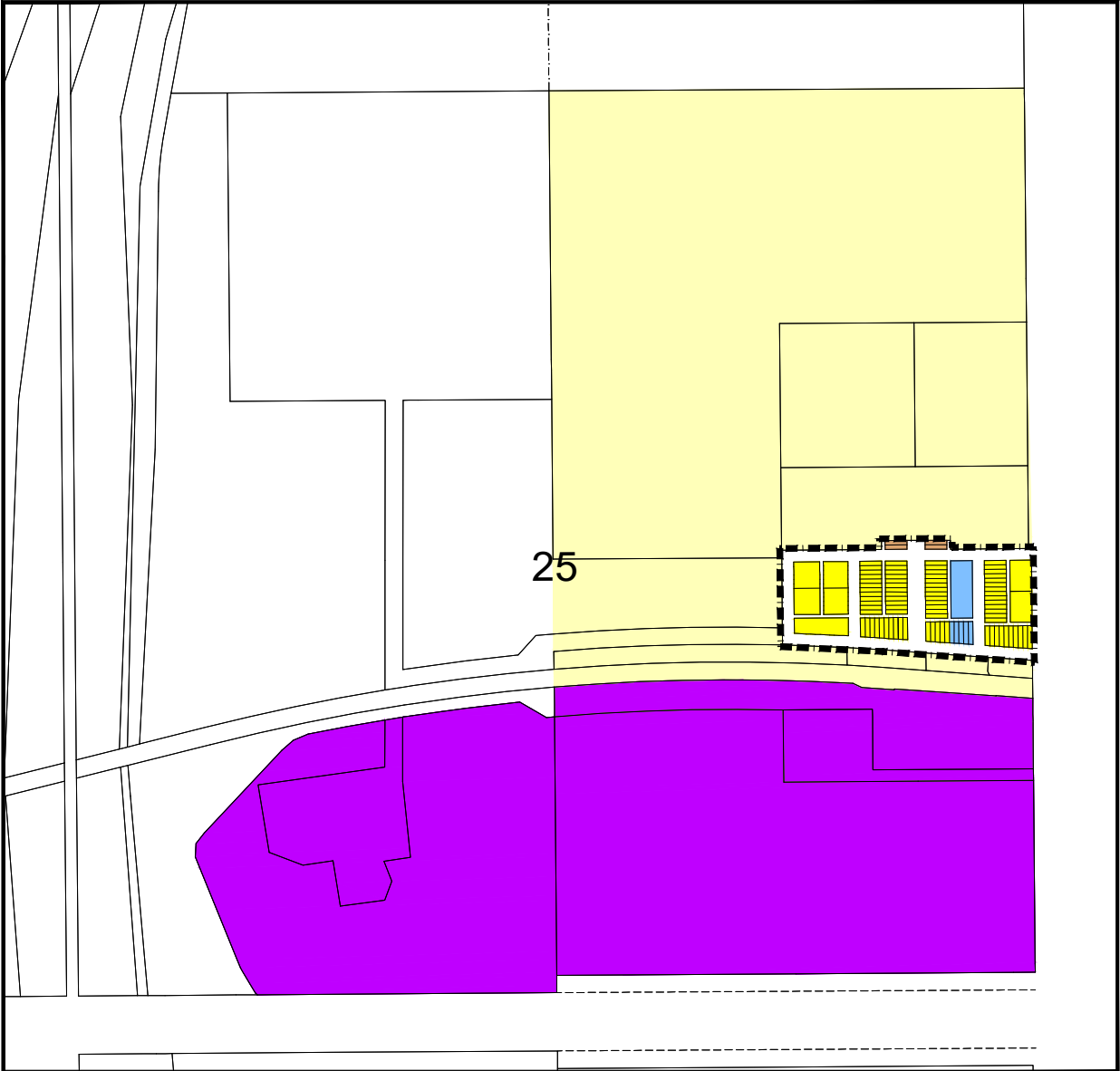
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- HAMLET DIRECT CONTROL – HDC
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- DIRECT CONTROL - DC

- AIRPORT PROTECTION AREA – APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



HAMLET OF CHIN FRINGE F2



LAND USE DISTRICTS

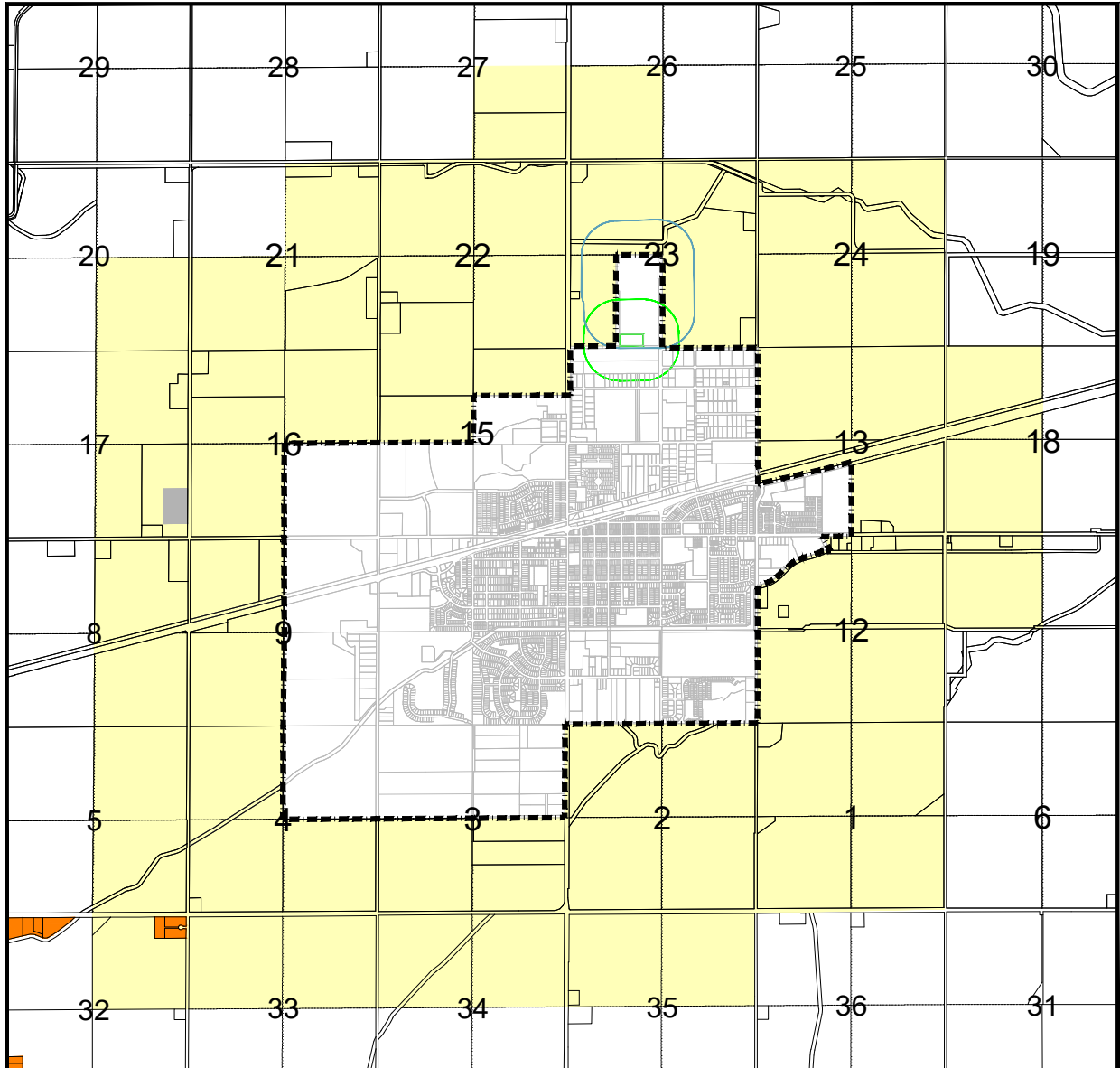
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- HAMLET / URBAN BOUNDARY
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- WASTE TRANSFER BUFFER



TOWN OF COALDALE FRINGE F3



LAND USE DISTRICTS

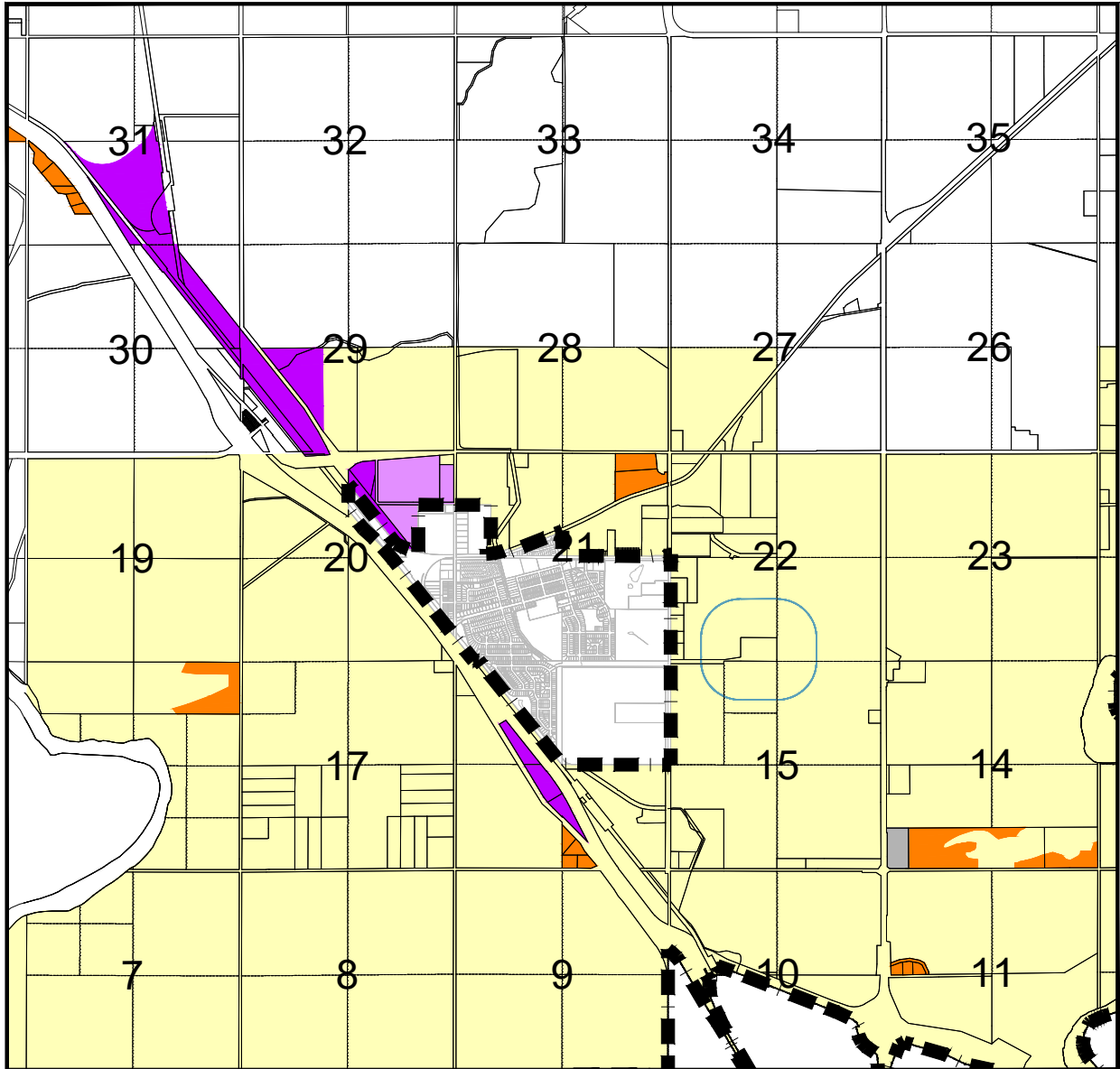
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- AIRPORT PROTECTION AREA – APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



TOWN OF COALHURST FRINGE F4



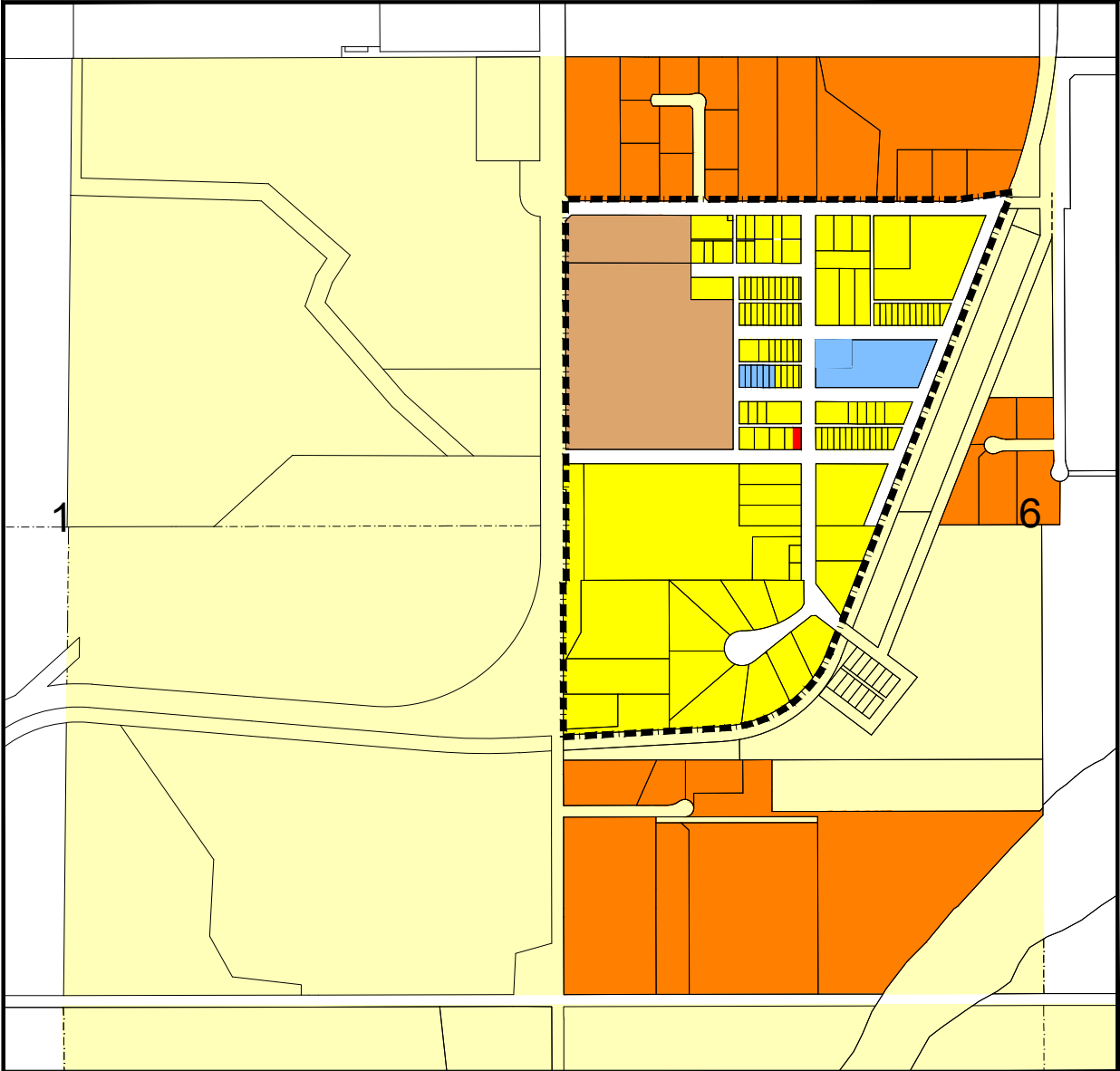
LAND USE DISTRICTS

- RURAL AGRICULTURE – RA
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- HAMLET DIRECT CONTROL – HDC
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- DIRECT CONTROL - DC

- AIRPORT PROTECTION AREA – APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER

HAMLET OF DIAMOND CITY FRINGE F5



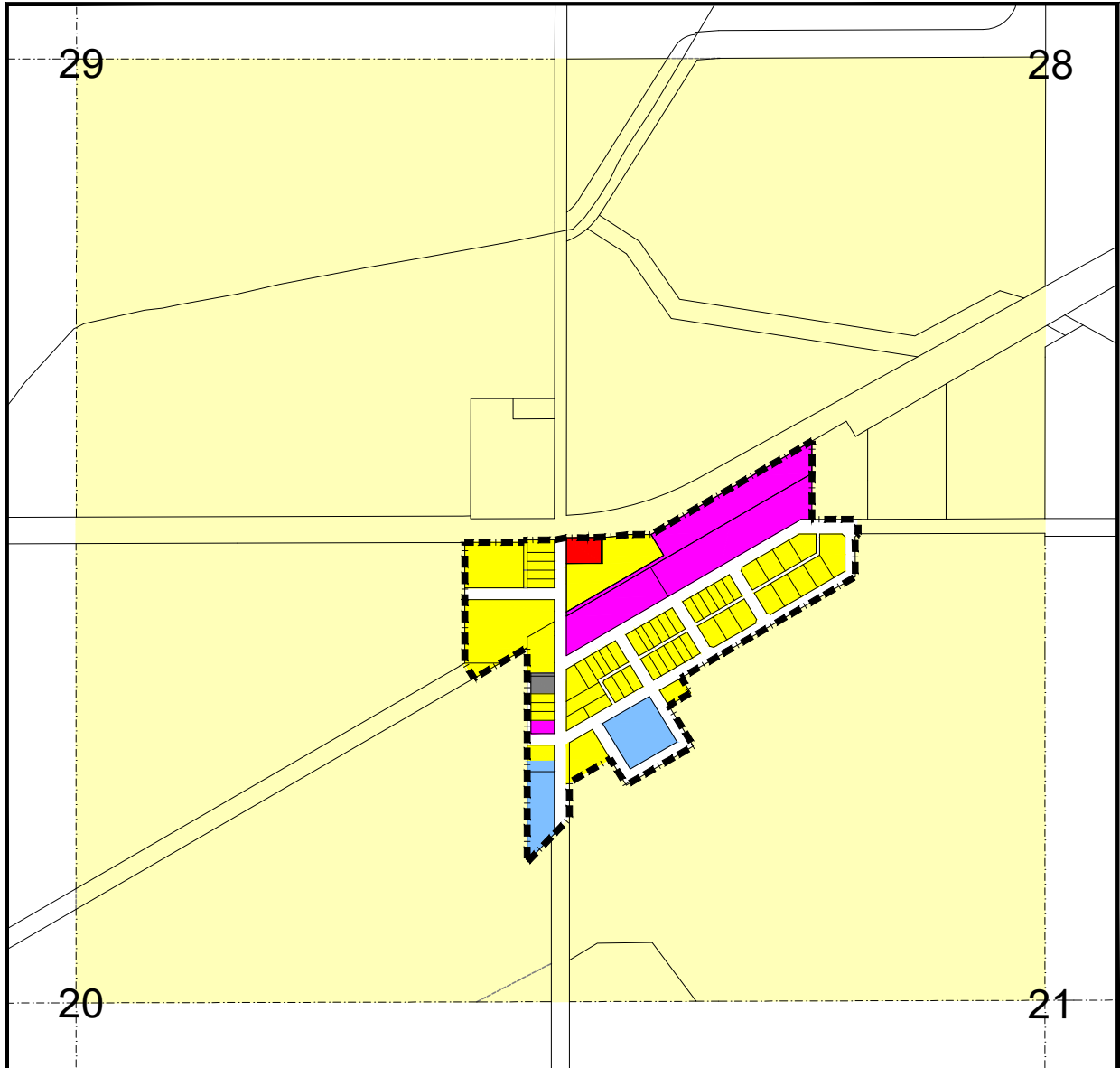
LAND USE DISTRICTS

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- URBAN FRINGE – UF
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- HAMLET / URBAN BOUNDARY
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- WASTE TRANSFER BUFFER

HAMLET OF IRON SPRINGS FRINGE F6



LAND USE DISTRICTS

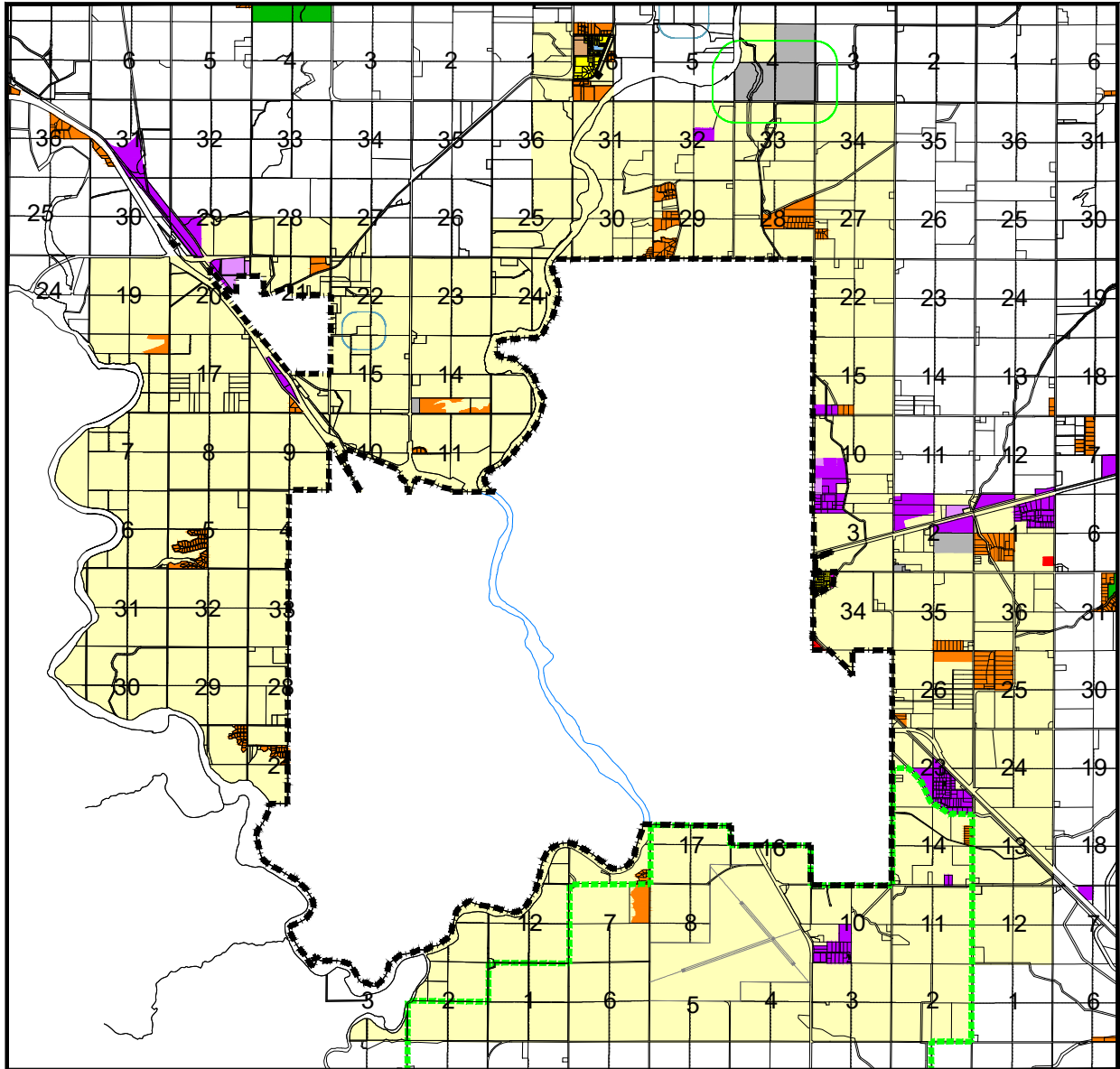
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- HAMLET / URBAN BOUNDARY
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- WASTE TRANSFER BUFFER



CITY OF LETHBRIDGE FRINGE **F7**



LAND USE DISTRICTS

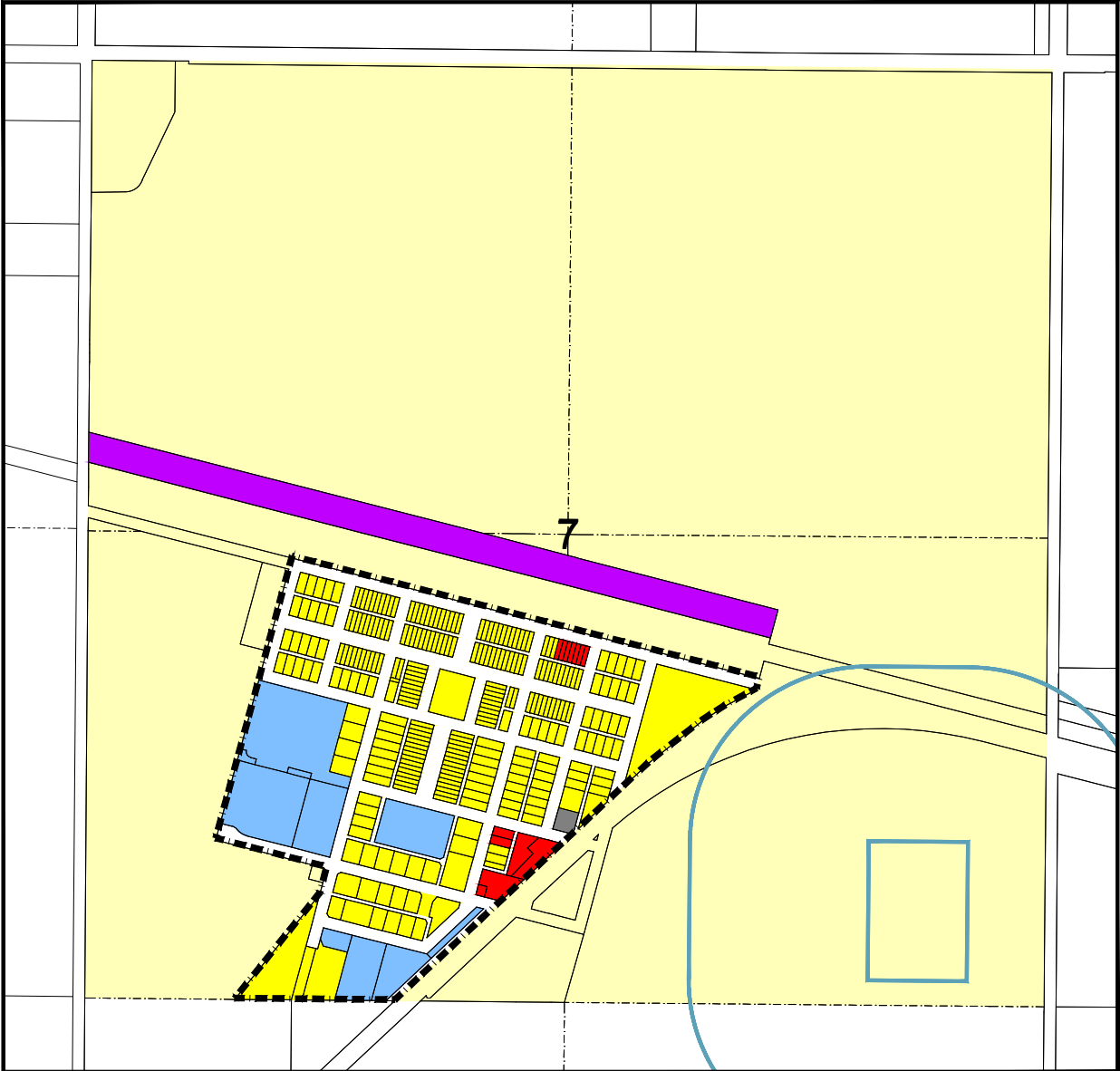
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- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



HAMLET OF MONARCH FRINGE F8



LAND USE DISTRICTS

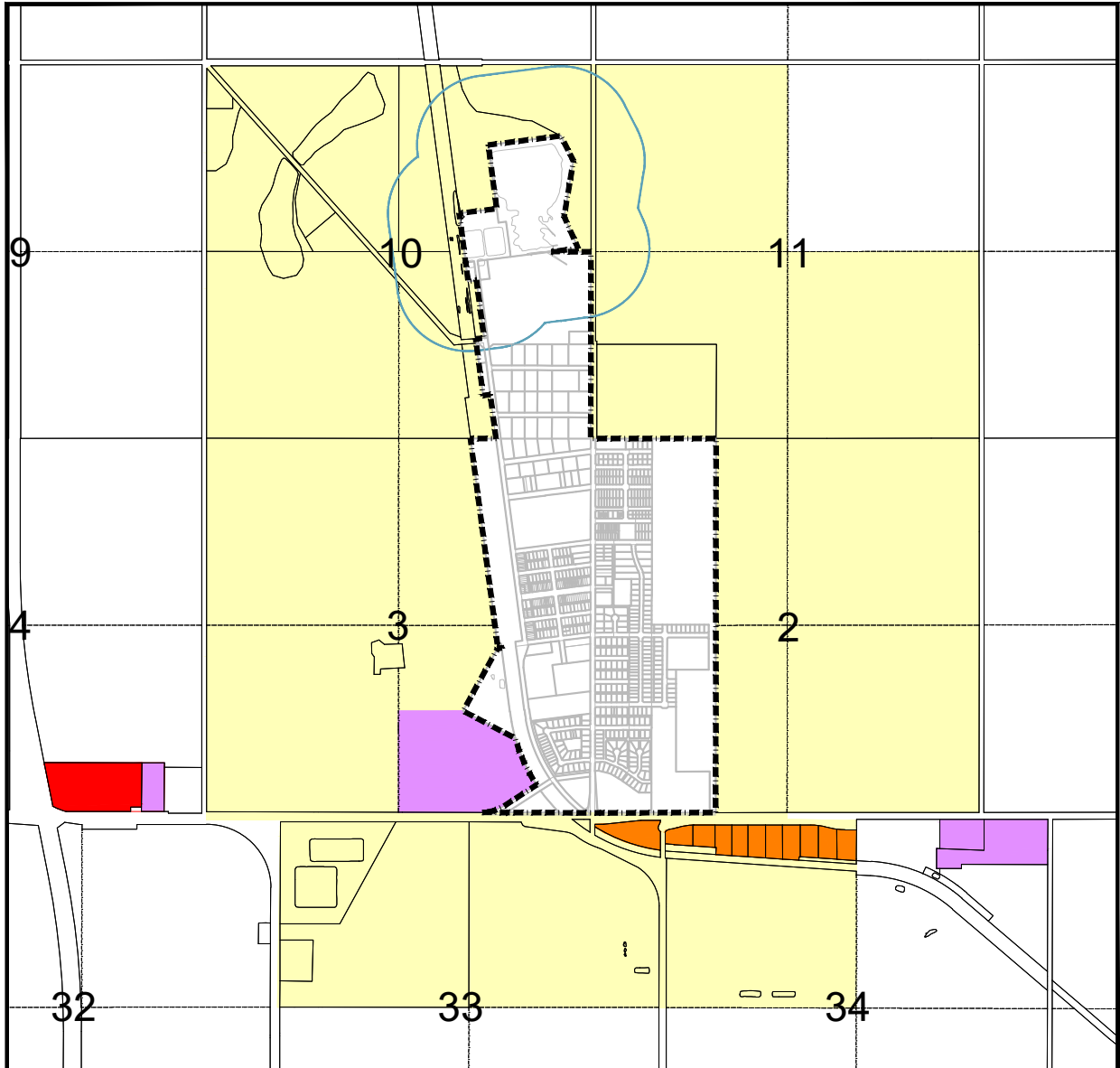
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- AIRPORT PROTECTION AREA – APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
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TOWN OF NOBLEFORD FRINGE F9



LAND USE DISTRICTS

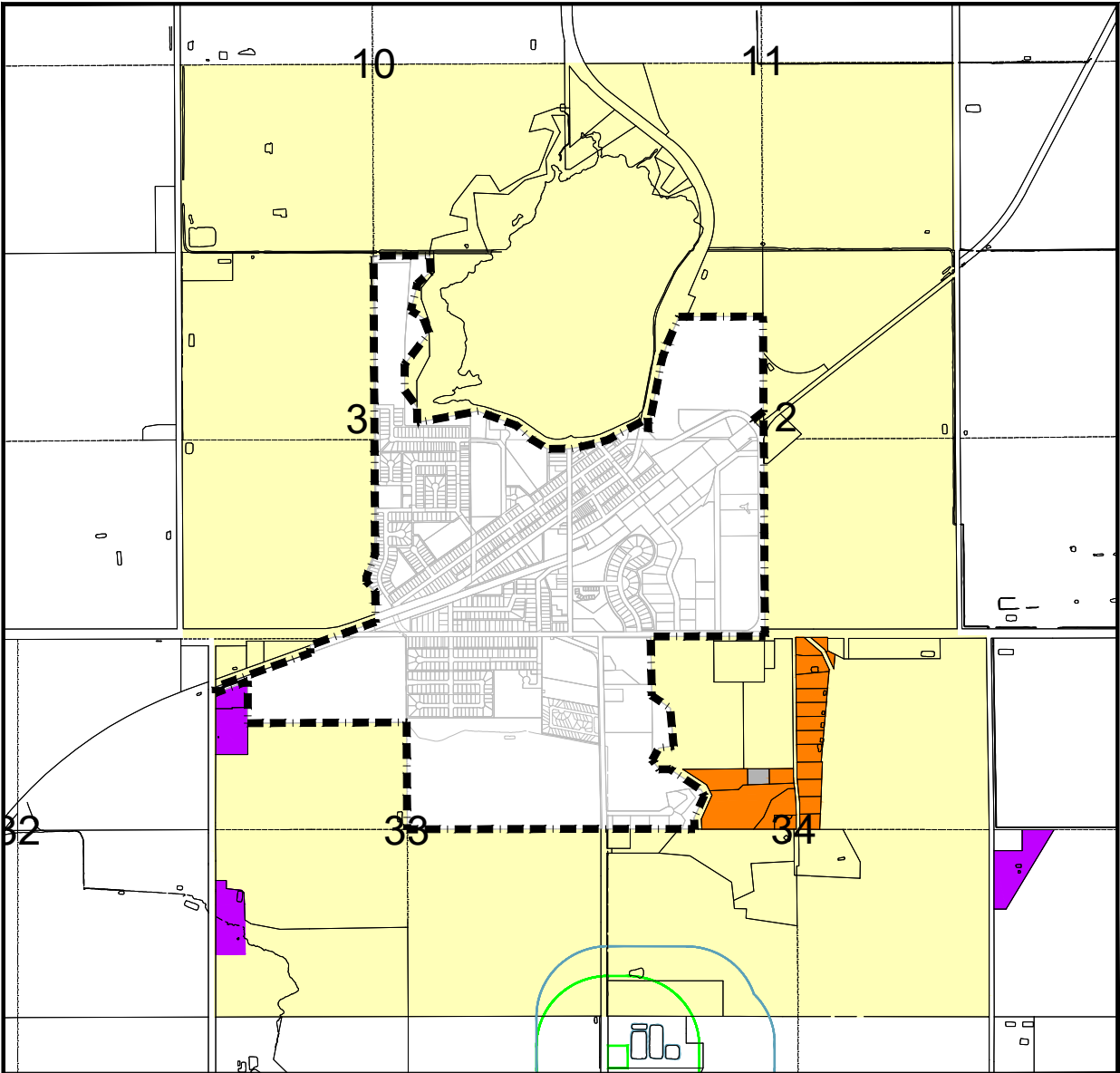
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- AIRPORT PROTECTION AREA – APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



TOWN OF PICTURE BUTTE FRINGE F10



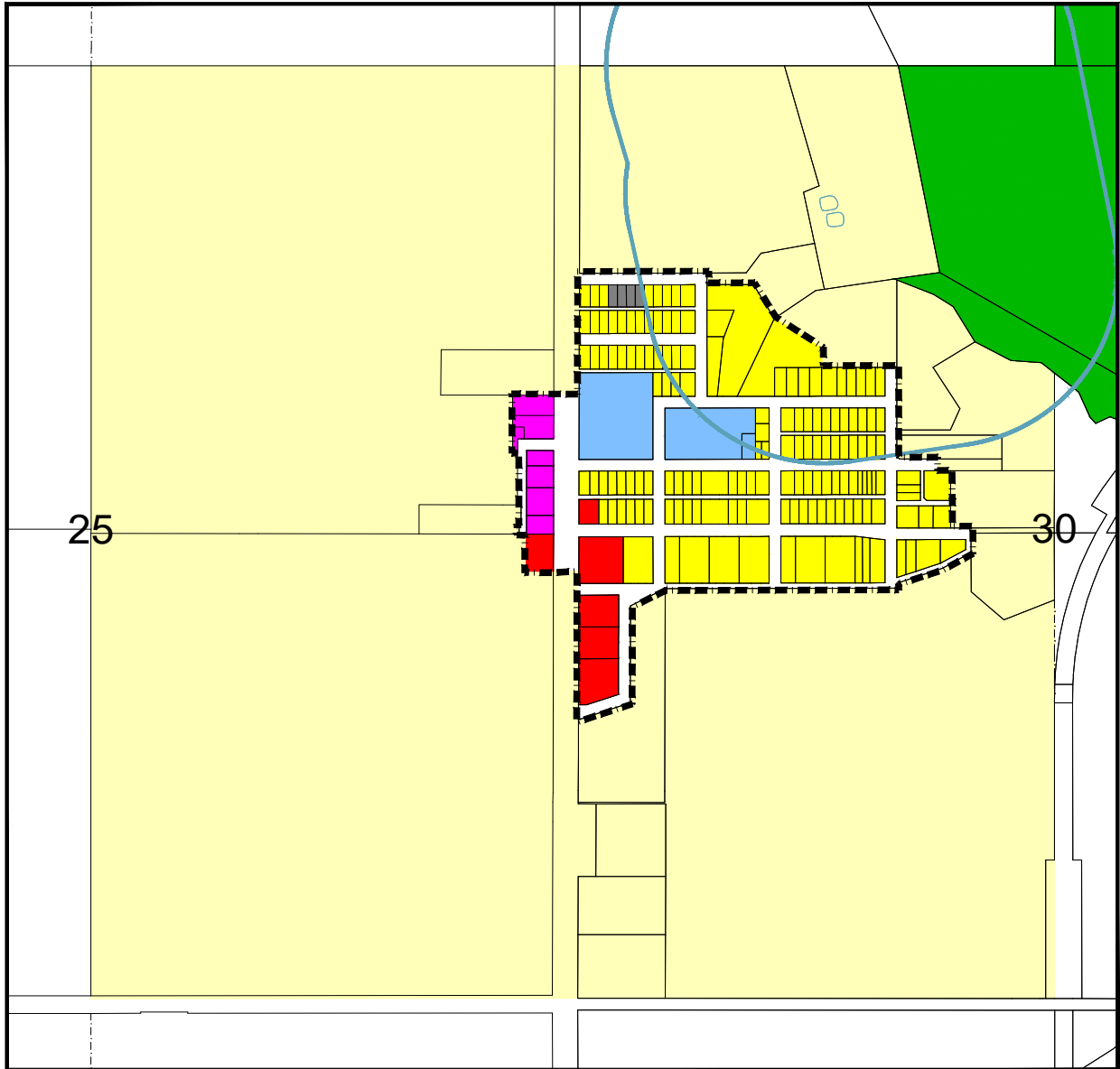
LAND USE DISTRICTS

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- AIRPORT PROTECTION AREA - APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER





HAMLET OF SHAUGHNESSY FRINGE **F11**



LAND USE DISTRICTS

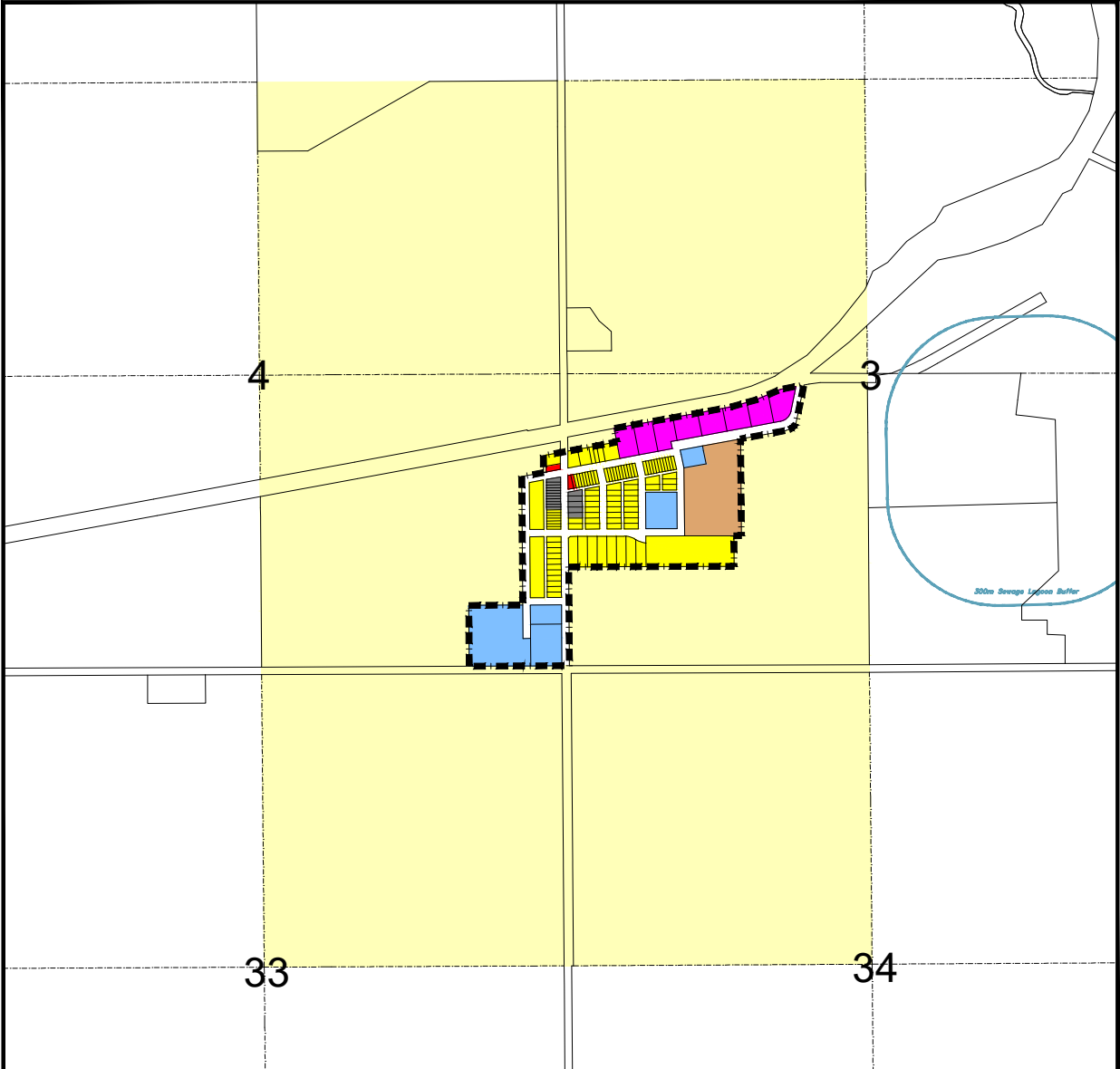
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-  DIRECT CONTROL - DC

-  AIRPORT PROTECTION AREA – APA
-  HAMLET / URBAN BOUNDARY
-  SEWAGE LAGOON BUFFER
-  WASTE TRANSFER BUFFER



HAMLET OF TURIN FRINGE F12



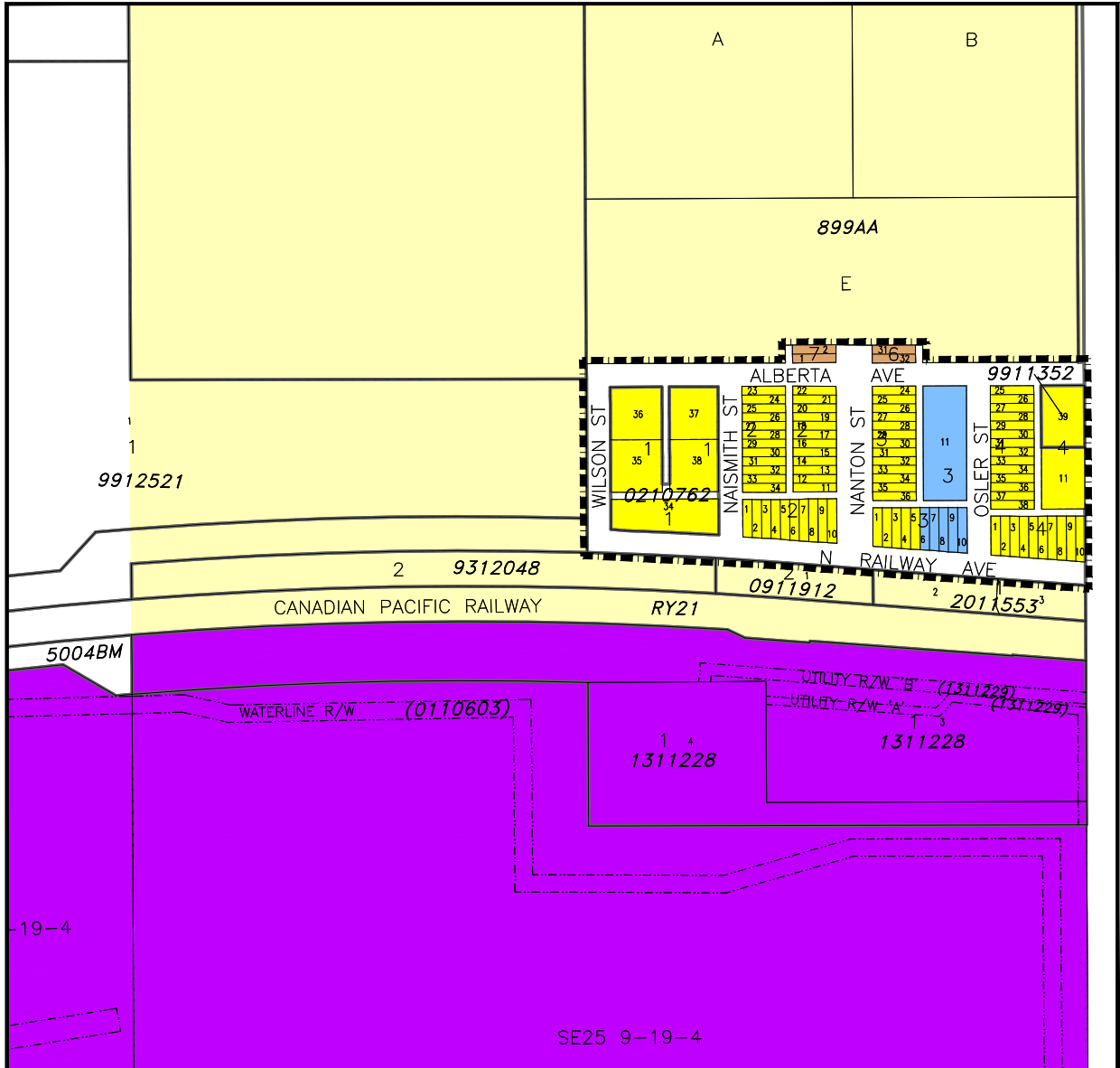
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- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER

HAMLET OF CHIN H1



LAND USE DISTRICTS

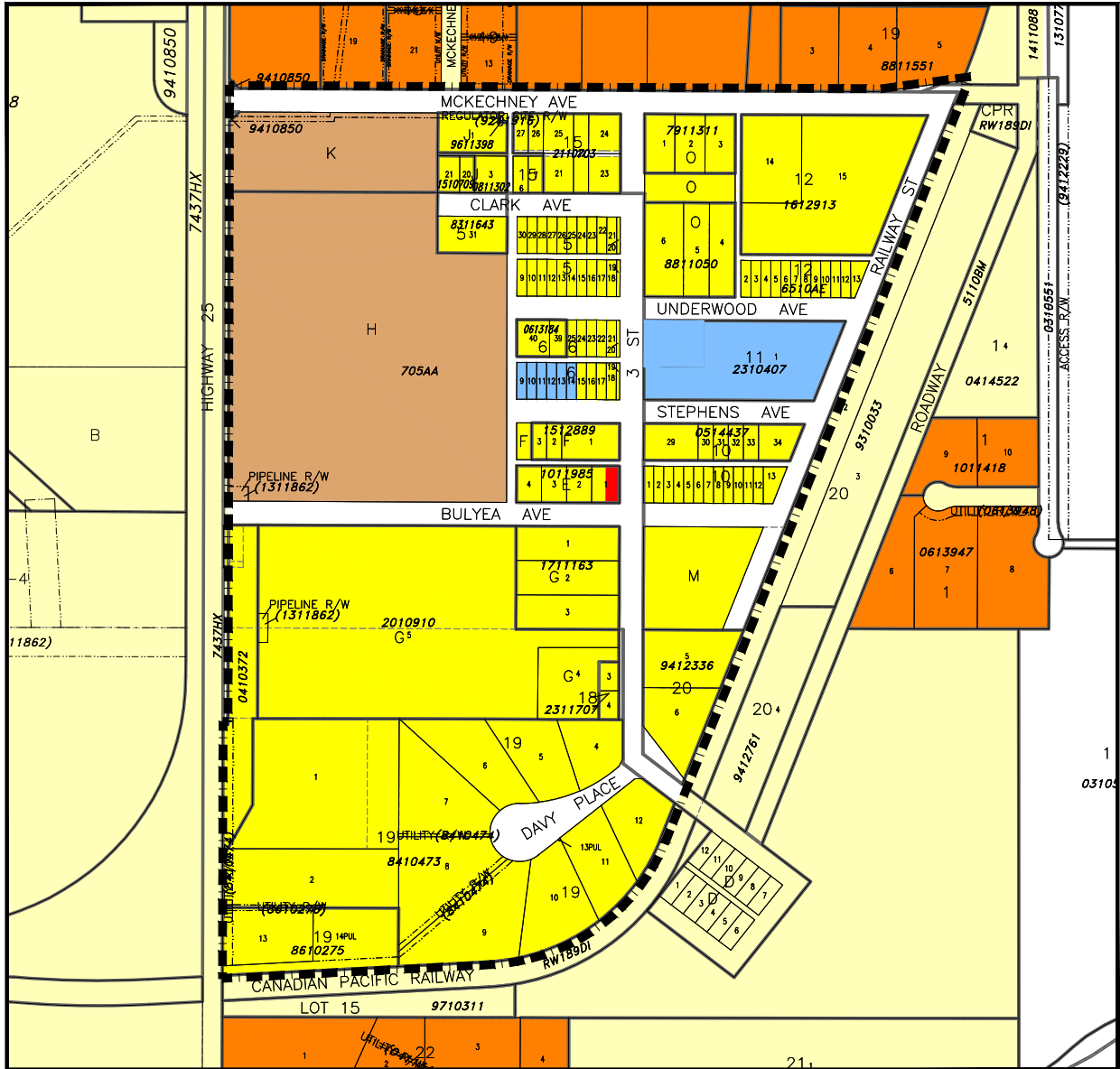
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- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



HAMLET OF DIAMOND CITY H2



LAND USE DISTRICTS

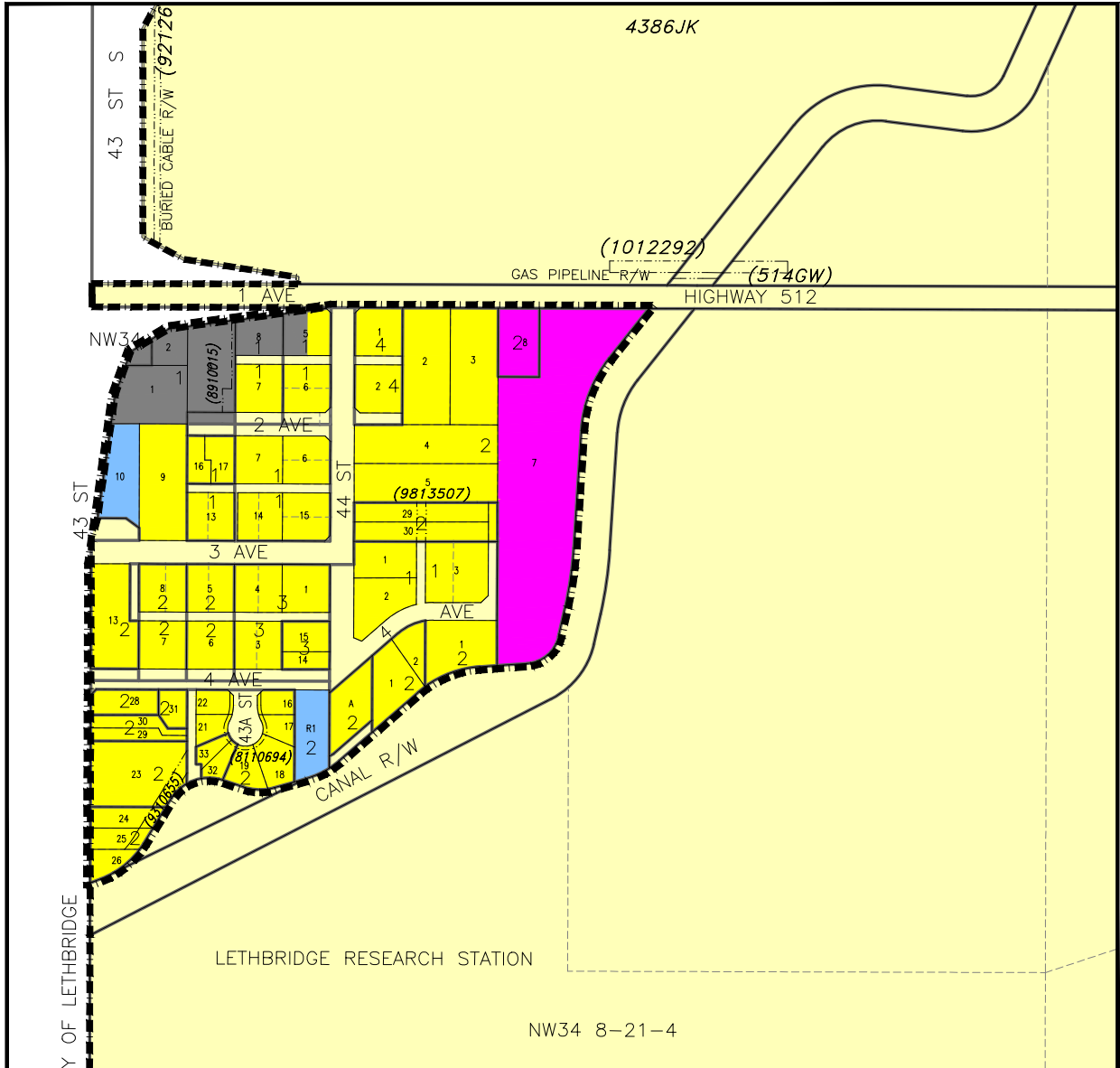
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- HAMLET / URBAN BOUNDARY
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HAMLET OF FAIRVIEW H3



LAND USE DISTRICTS

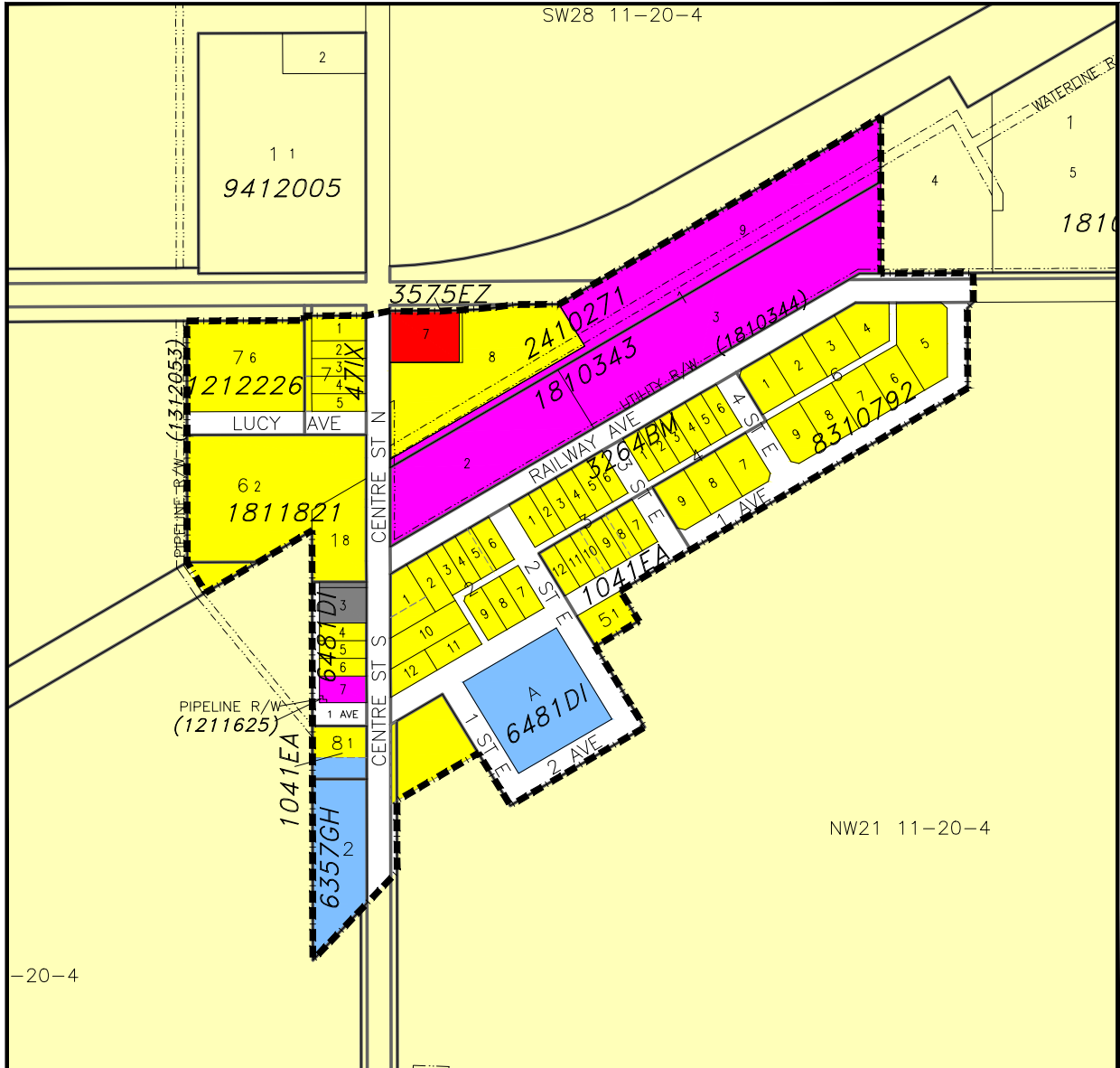
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- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



HAMLET OF IRON SPRINGS H4



LAND USE DISTRICTS

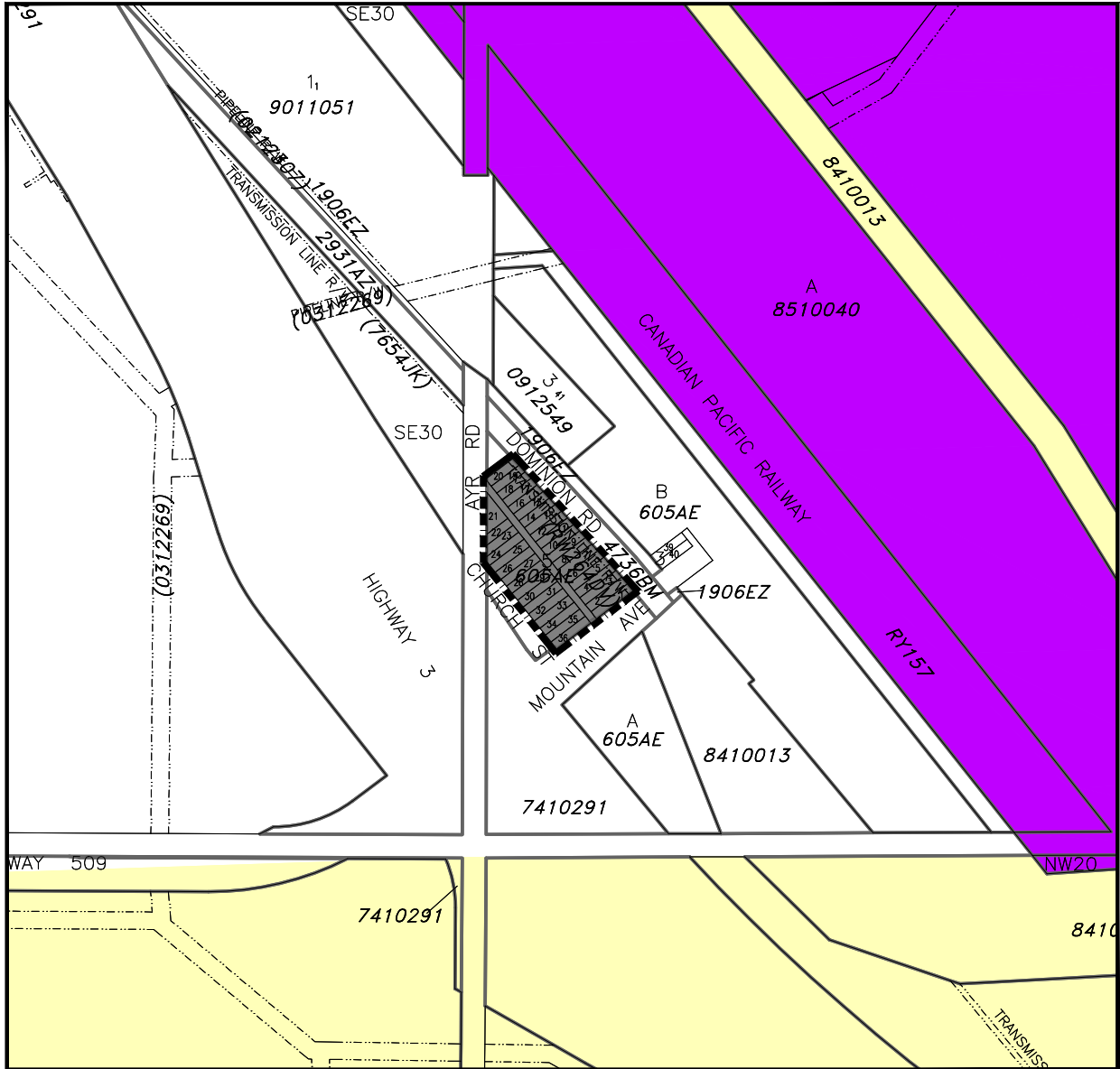
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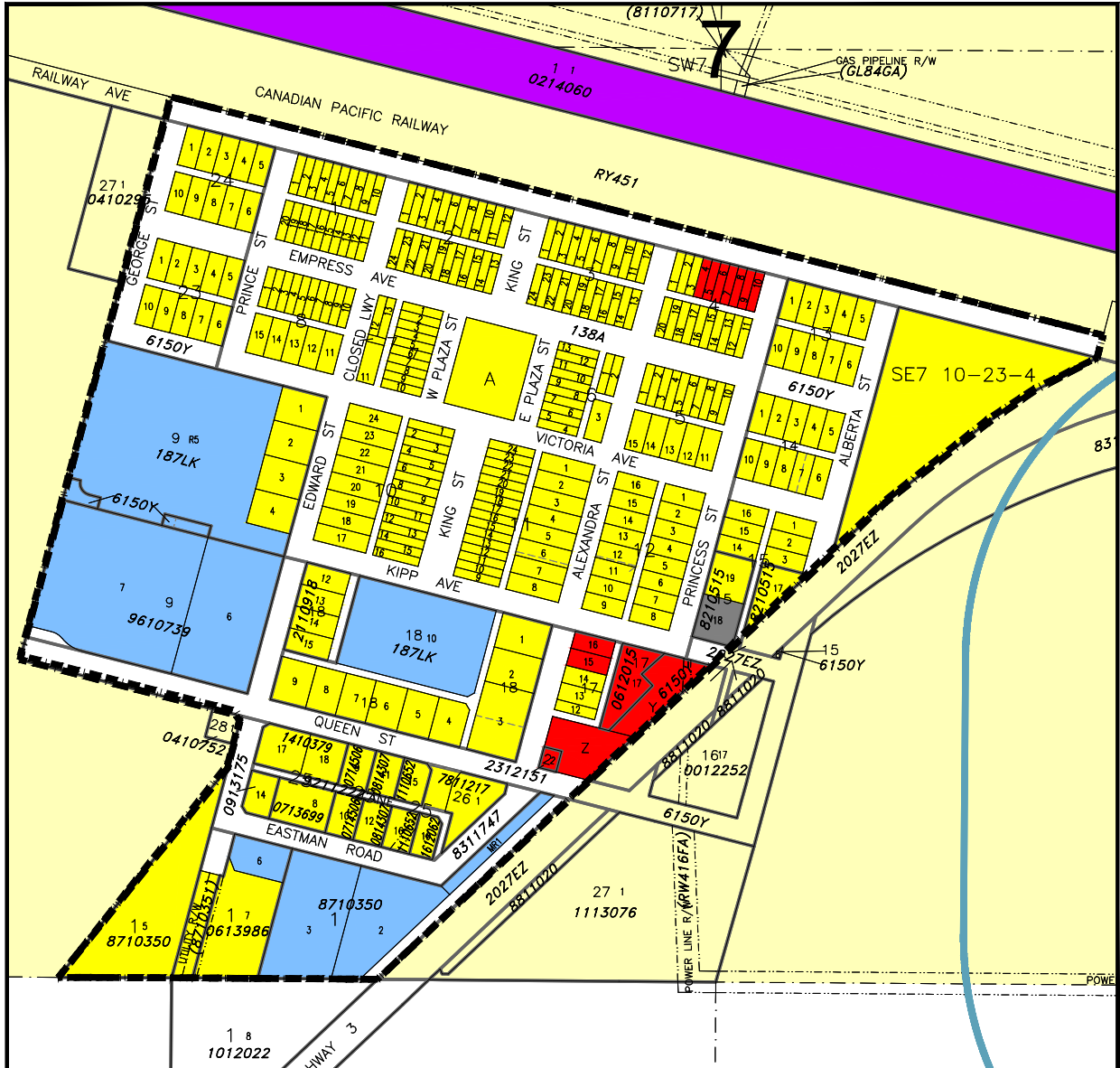
HAMLET OF KIPP H5



LAND USE DISTRICTS					
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	GROUPED COUNTRY RESIDENTIAL - GCR		HAMLET INDUSTRIAL - HI		SEWAGE LAGOON BUFFER
	RURAL GENERAL INDUSTRIAL - RGI		HAMLET PUBLIC / INSTITUTIONAL - HP/I		WASTE TRANSFER BUFFER
	BUSINESS LIGHT INDUSTRIAL - BLI		HAMLET DIRECT CONTROL - HDC		
	RURAL COMMERCIAL - RC		HAMLET TRANSITIONAL / AGRICULTURAL - HT/A		
	RURAL RECREATIONAL - RR		DIRECT CONTROL - DC		



HAMLET OF MONARCH H6



LAND USE DISTRICTS

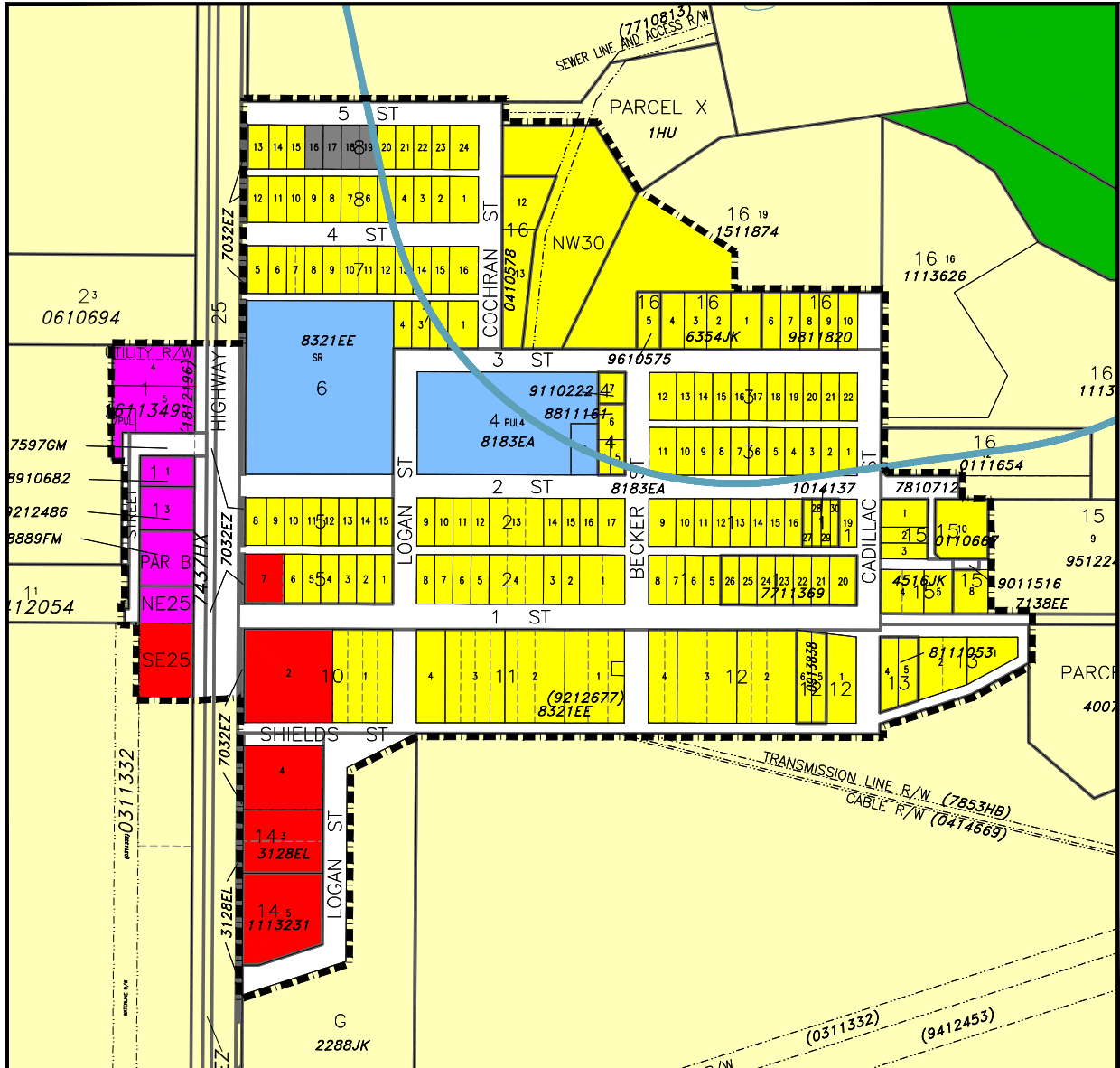
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- AIRPORT PROTECTION AREA - APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



HAMLET OF SHAUGHNESSY (H7)



LAND USE DISTRICTS

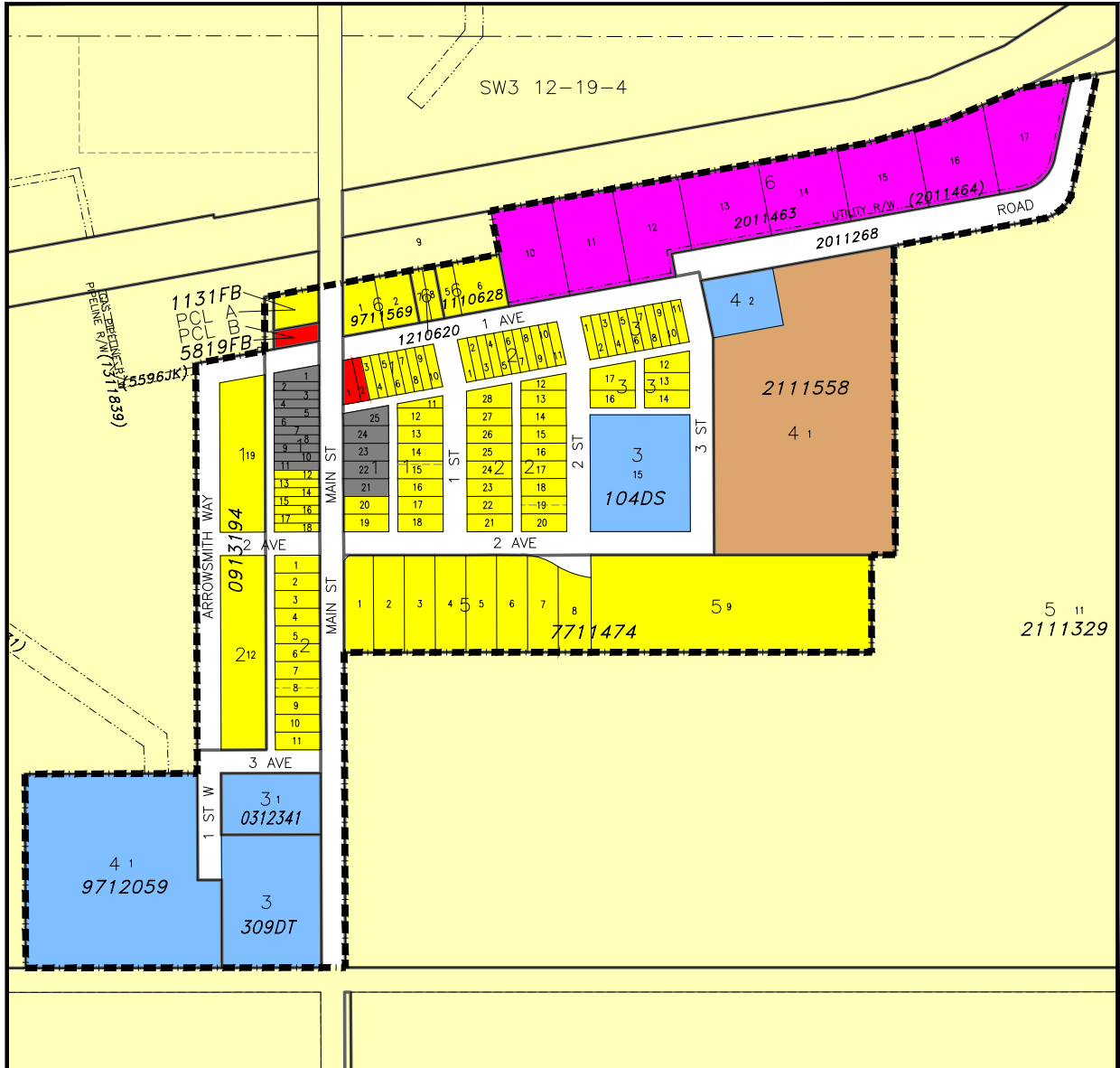
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- AIRPORT PROTECTION AREA - APA
- HAMLET / URBAN BOUNDARY
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- WASTE TRANSFER BUFFER



HAMLET OF TURIN H8



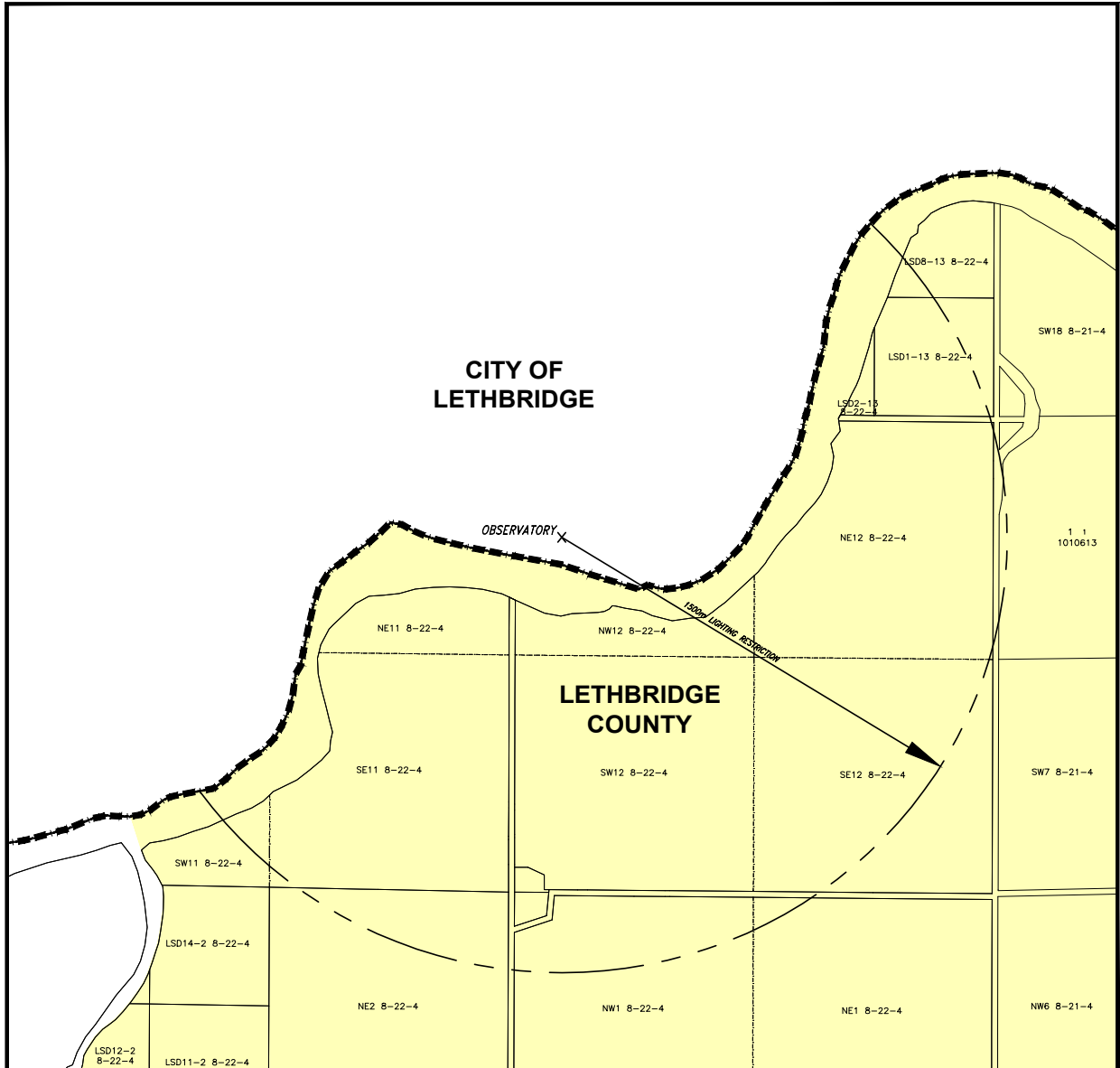
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- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER

URBAN FRINGE - UF OVERLAY MAP
1500m LIGHTING RESTRICTION AREA 3



LAND USE DISTRICTS

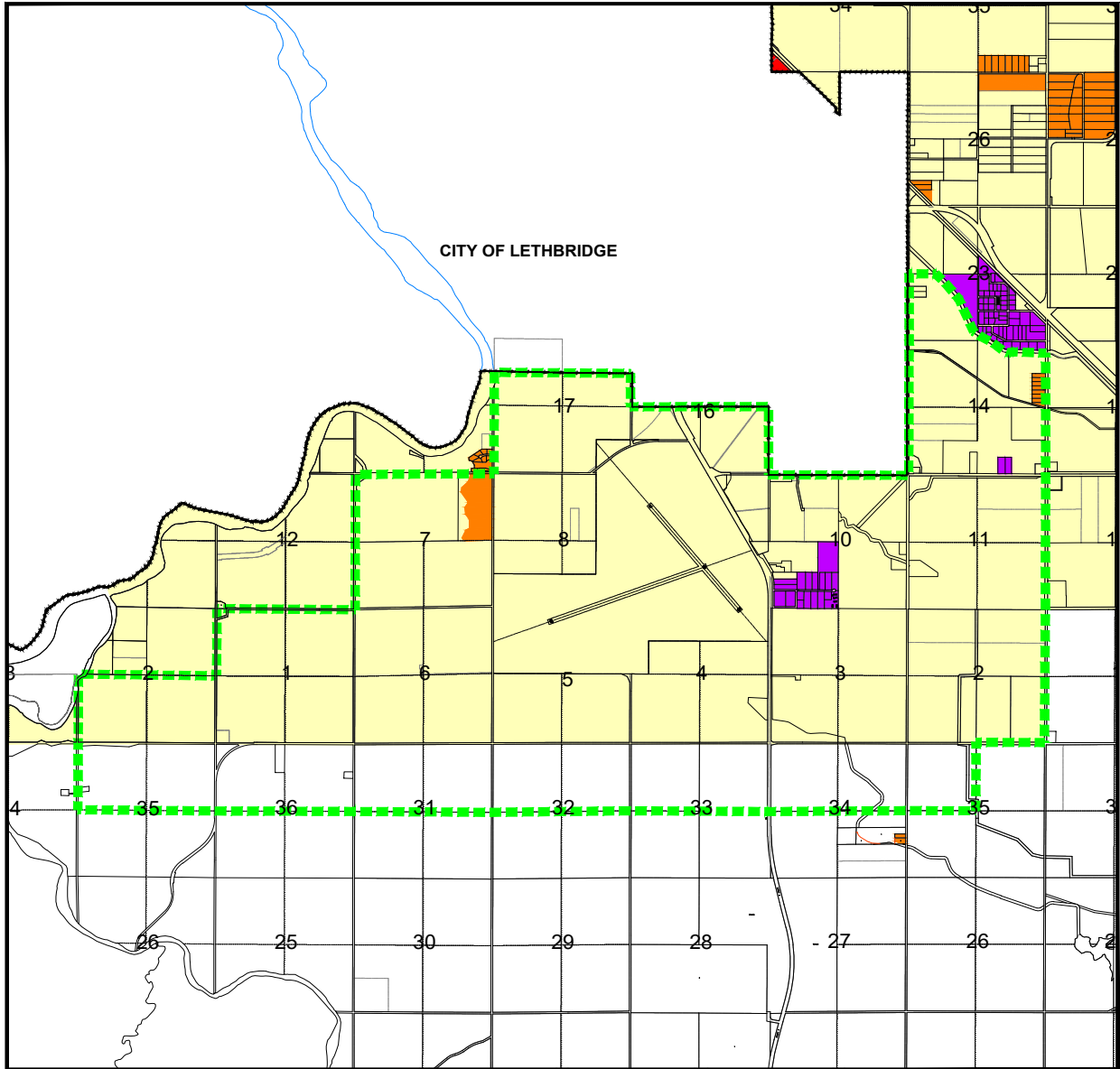
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- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



CITY OF LETHBRIDGE URBAN FRINGE - AIRPORT PROTECTION AREA 4

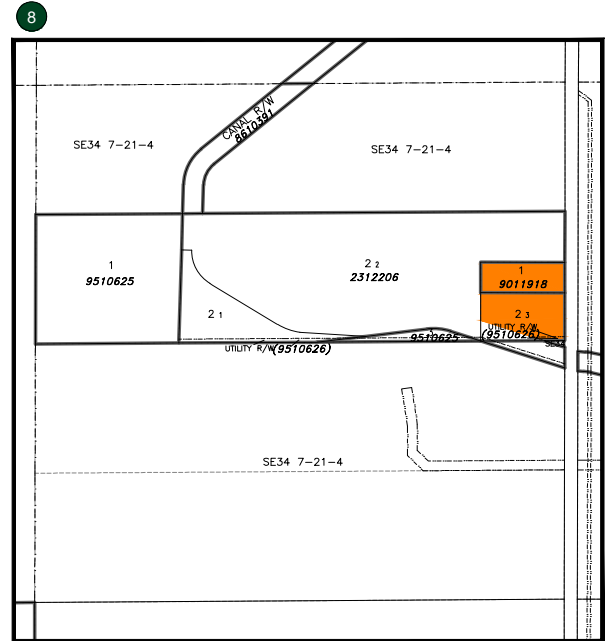
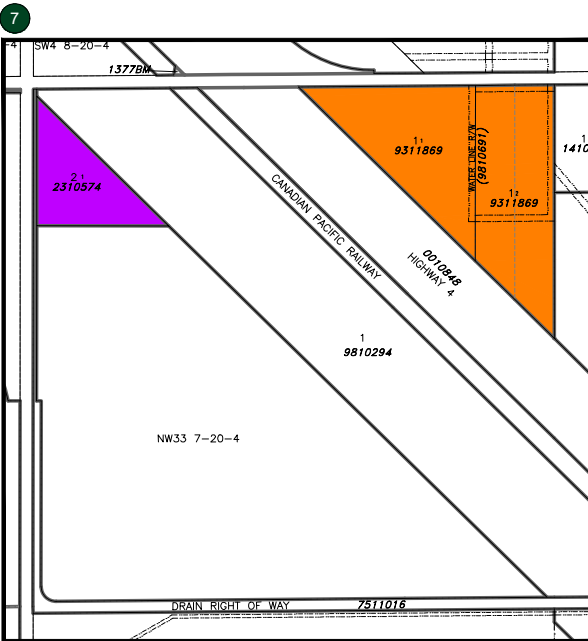
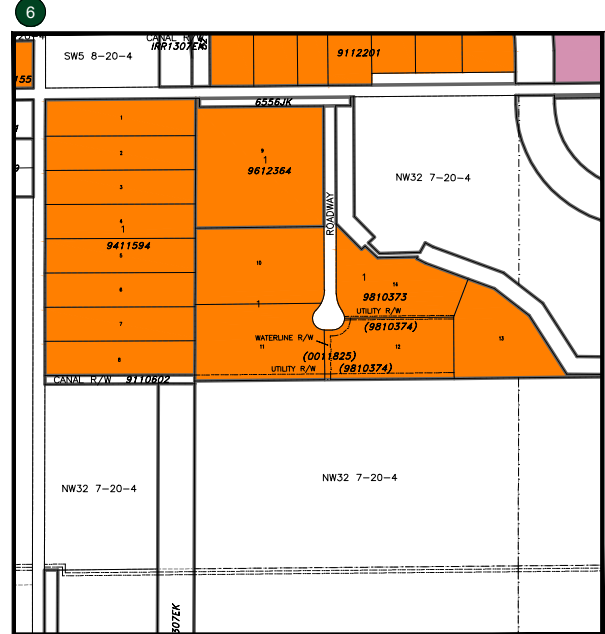
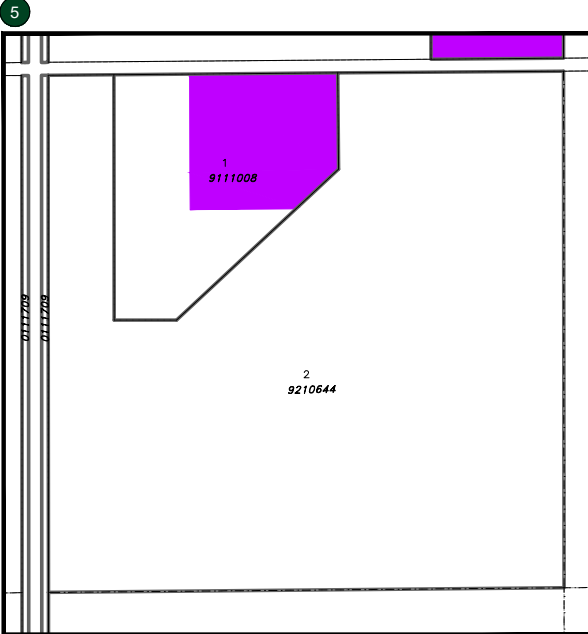


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- RURAL GENERAL INDUSTRIAL - RGI
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- RURAL COMMERCIAL - RC
- RURAL RECREATIONAL - RR

- HAMLET RESIDENTIAL - HR
- HAMLET COMMERCIAL - HC
- HAMLET INDUSTRIAL - HI
- HAMLET PUBLIC / INSTITUTIONAL - HP/I
- HAMLET DIRECT CONTROL - HDC
- HAMLET TRANSITIONAL / AGRICULTURAL - HT/A
- DIRECT CONTROL - DC

- AIRPORT PROTECTION AREA - APA
- HAMLET / URBAN BOUNDARY
- SEWAGE LAGOON BUFFER
- WASTE TRANSFER BUFFER



LAND USE DISTRICTS

- RURAL AGRICULTURE - RA
- URBAN FRINGE - UF
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LAND USE DISTRICTS

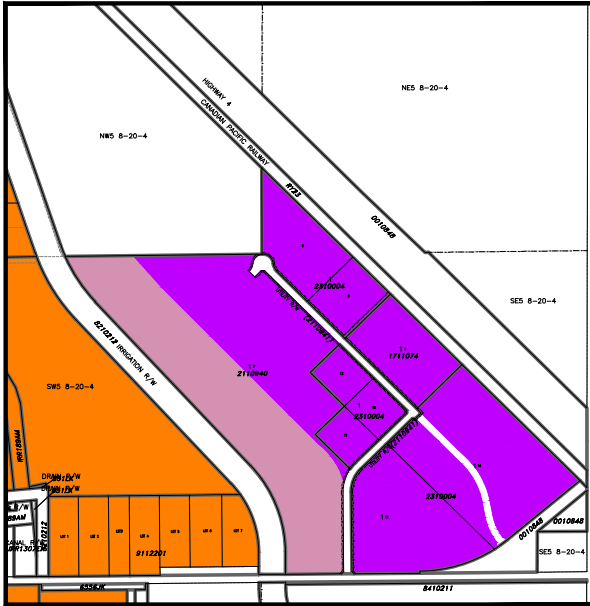
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- URBAN FRINGE - UF
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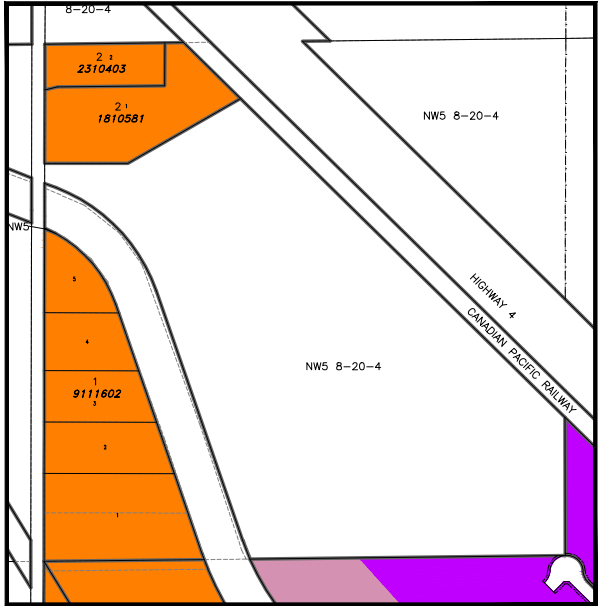
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- WASTE TRANSFER BUFFER



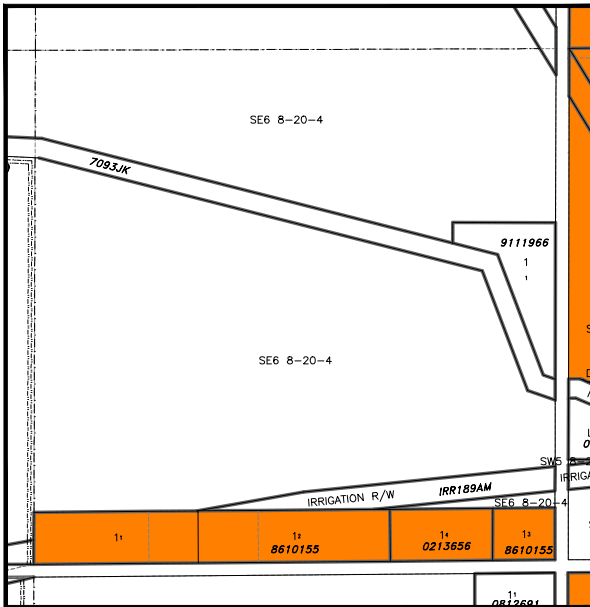
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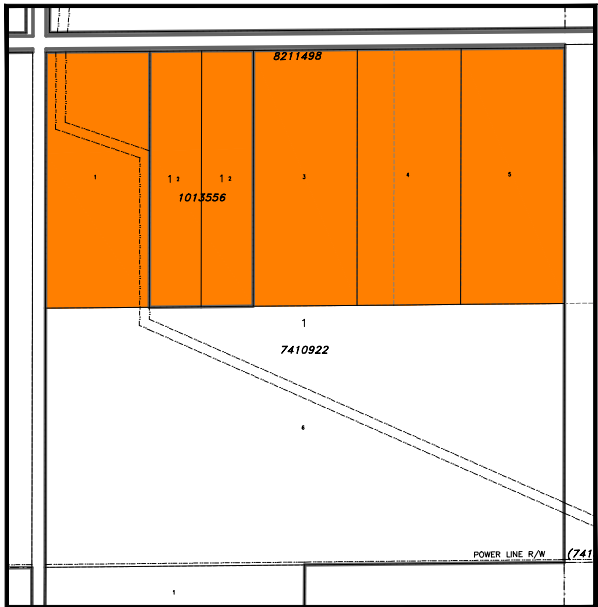
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LAND USE DISTRICTS

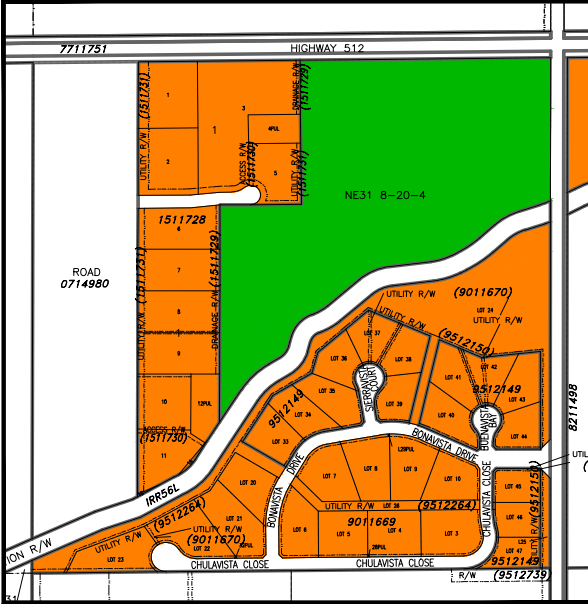
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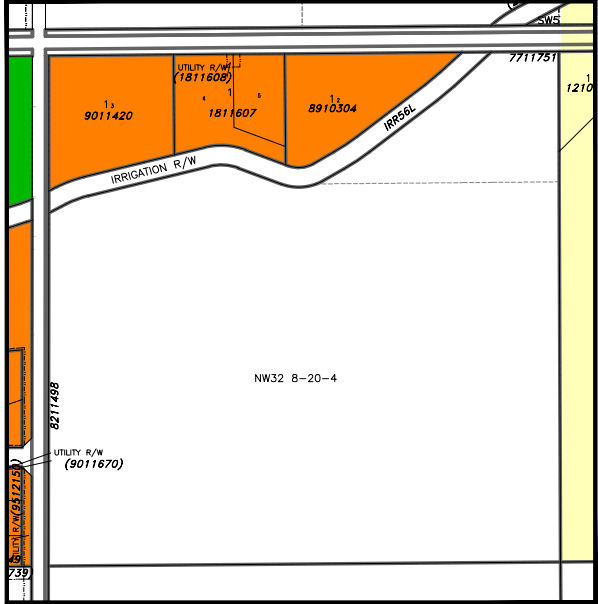
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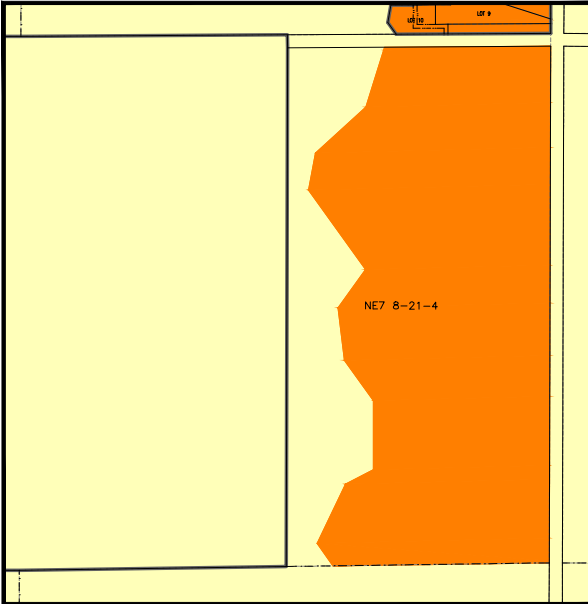
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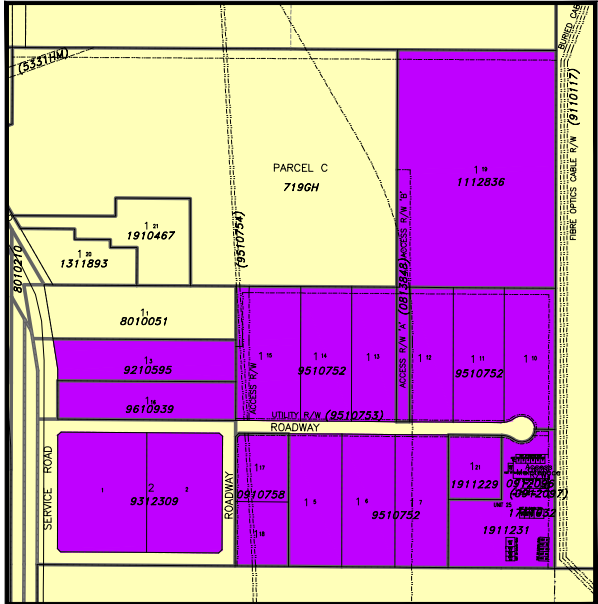
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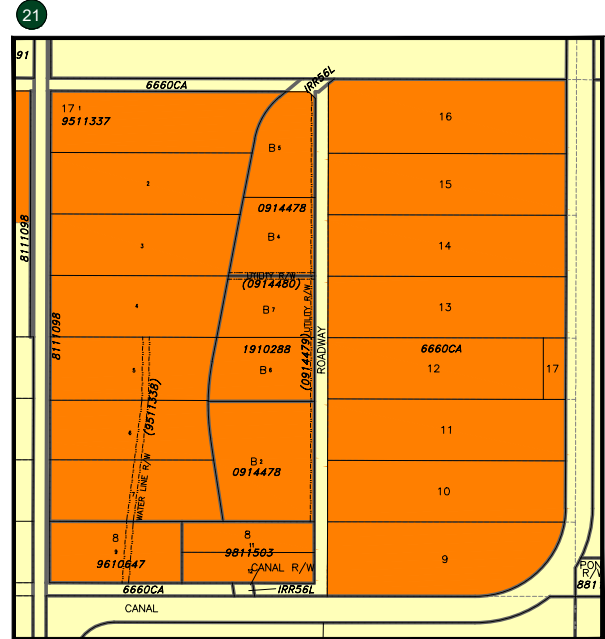
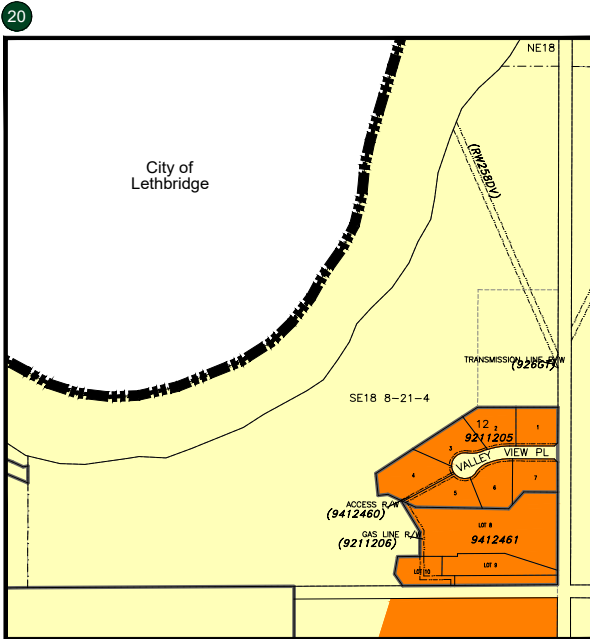
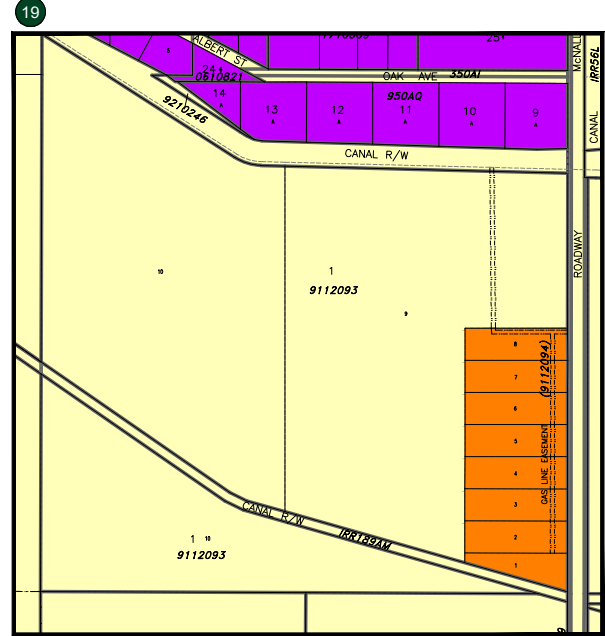
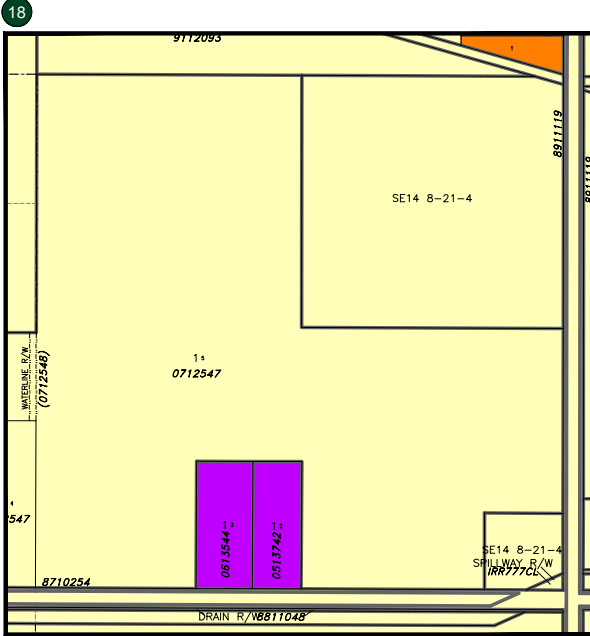


LAND USE DISTRICTS

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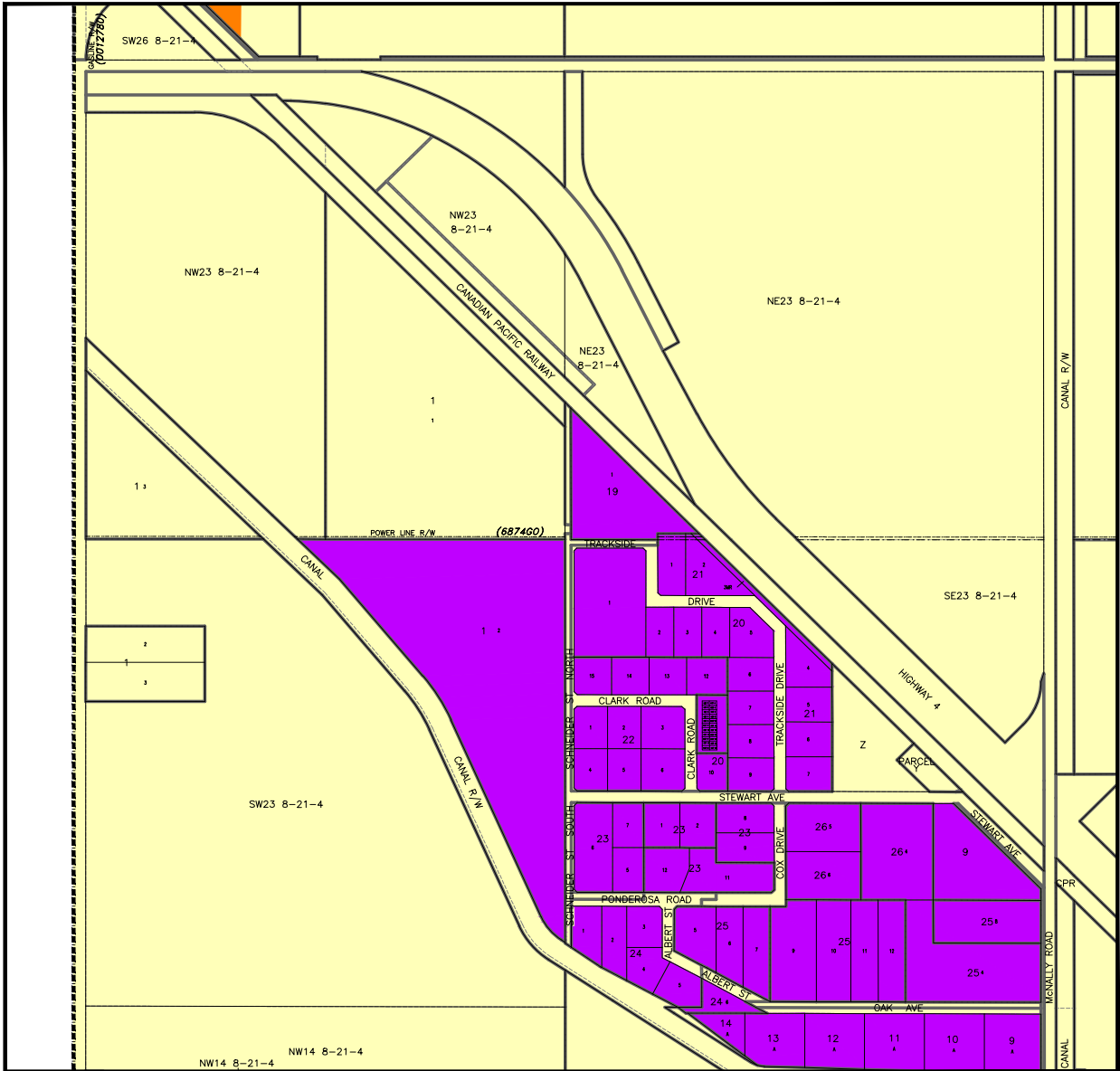


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LAND USE DISTRICTS

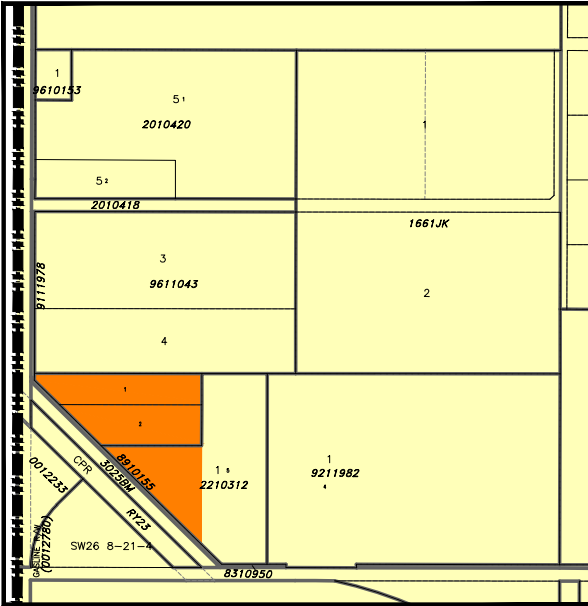
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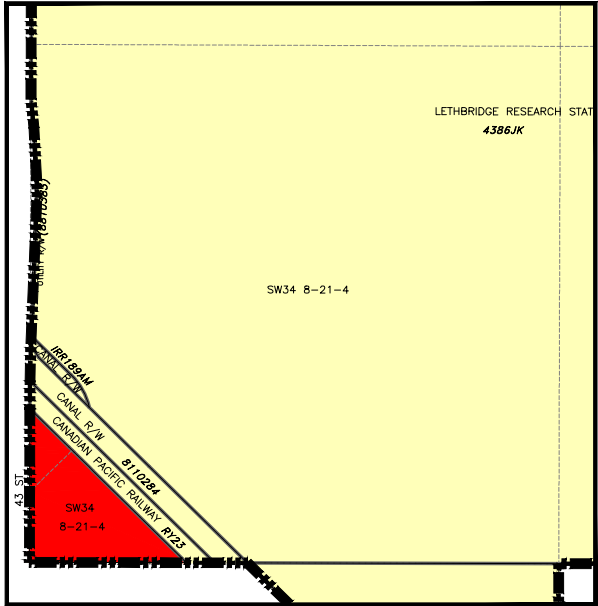
- AIRPORT PROTECTION AREA – APA
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- WASTE TRANSFER BUFFER



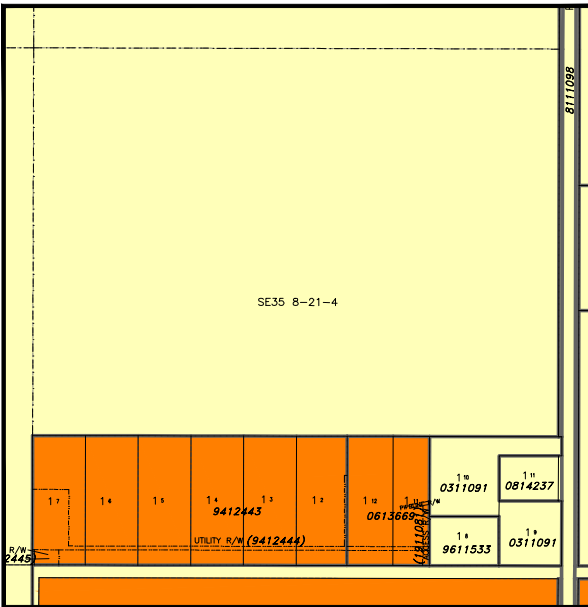
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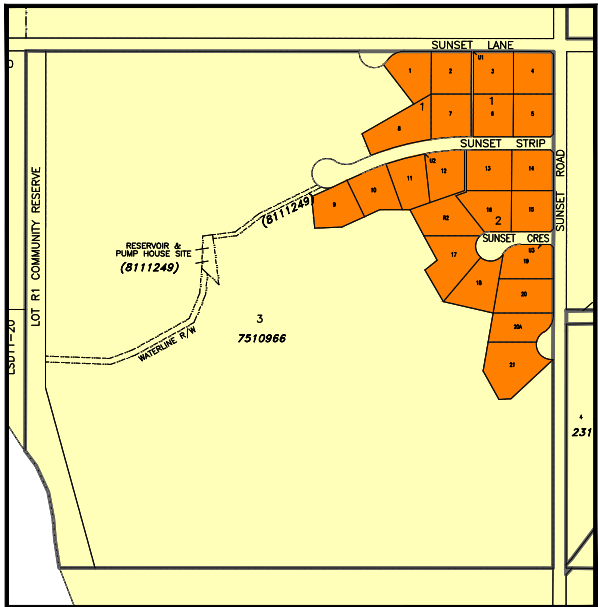
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LAND USE DISTRICTS

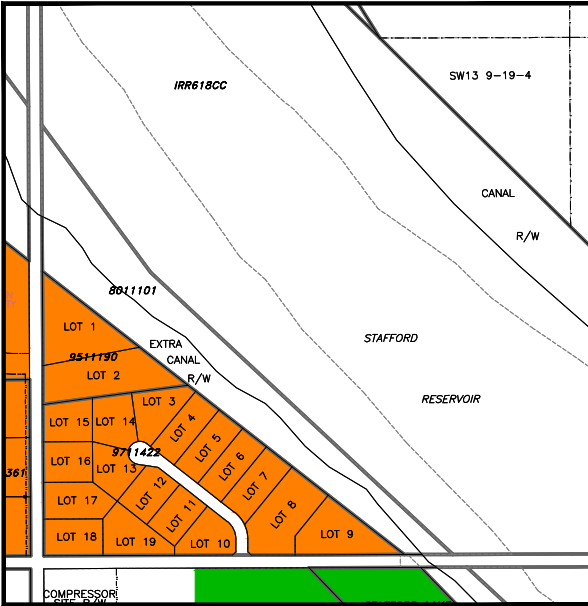
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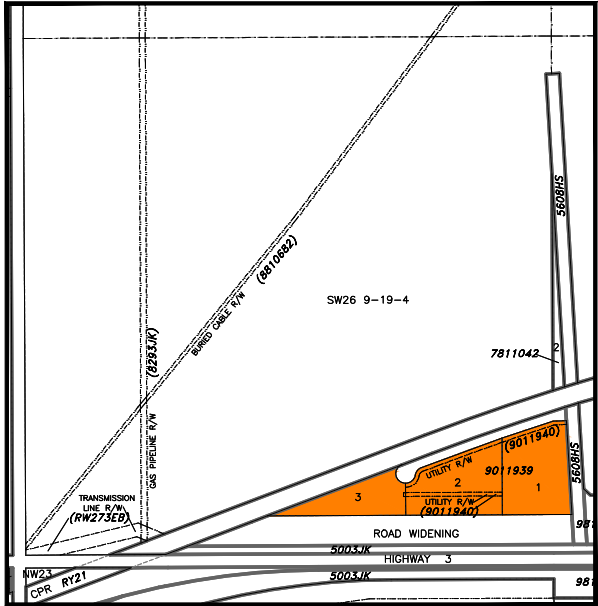
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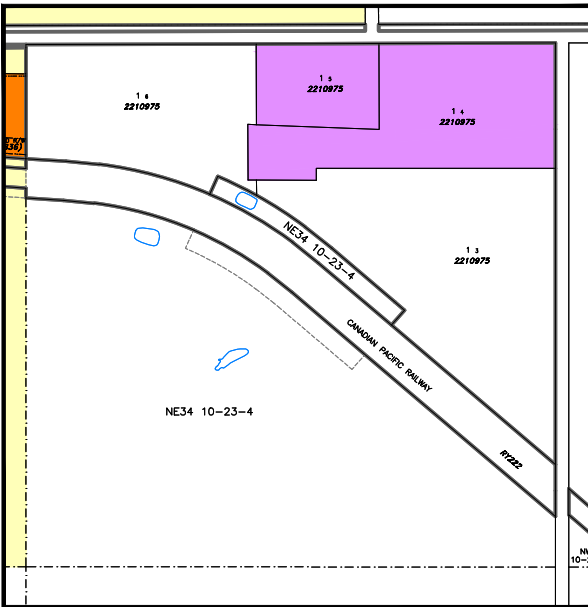
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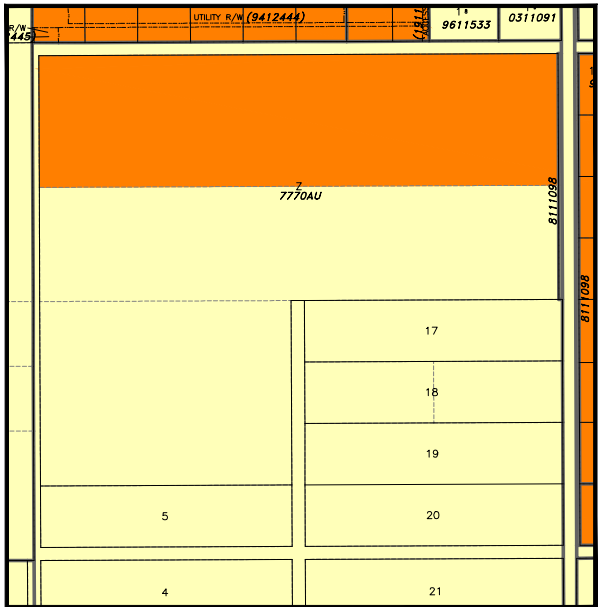
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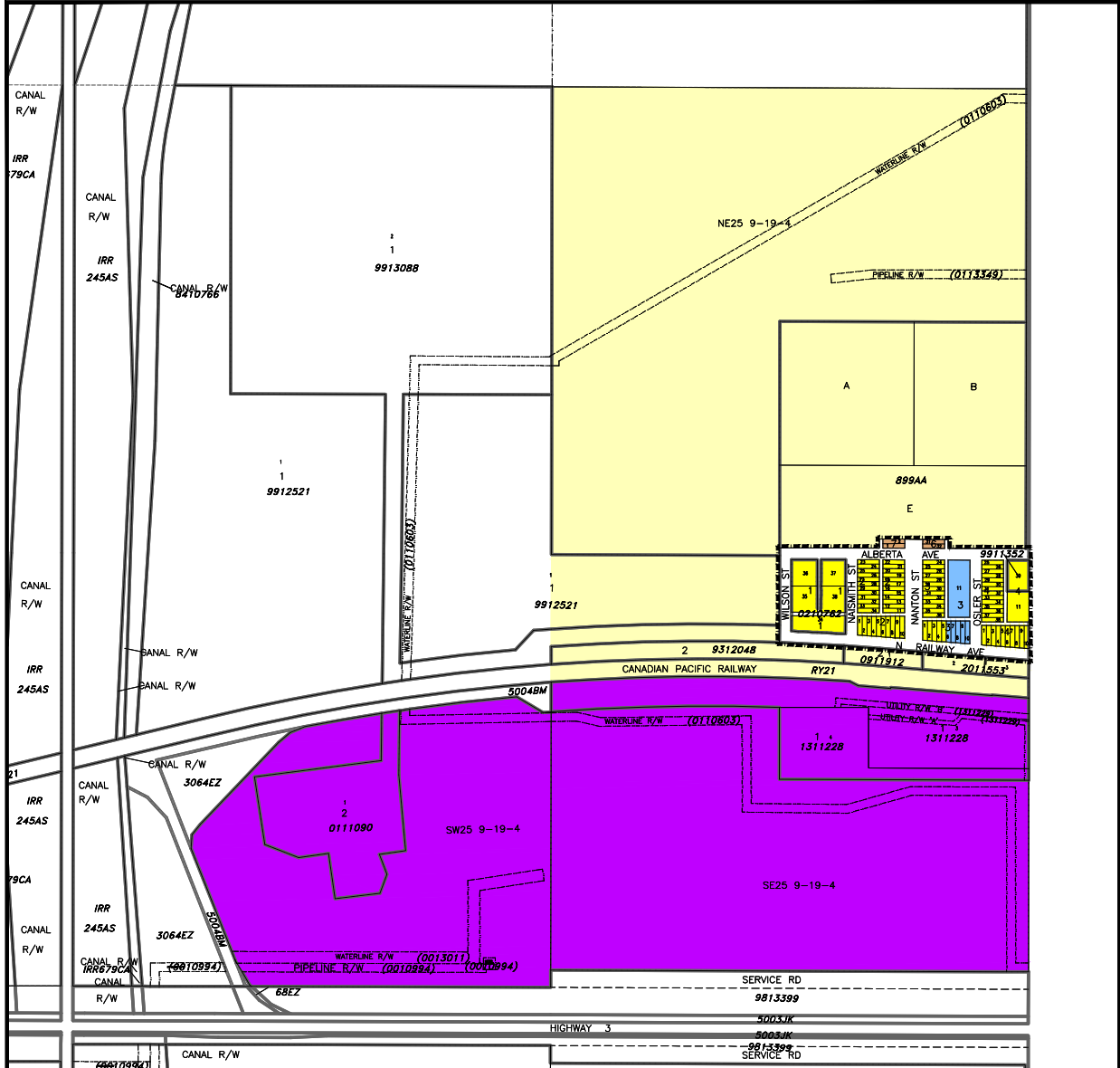


LAND USE DISTRICTS

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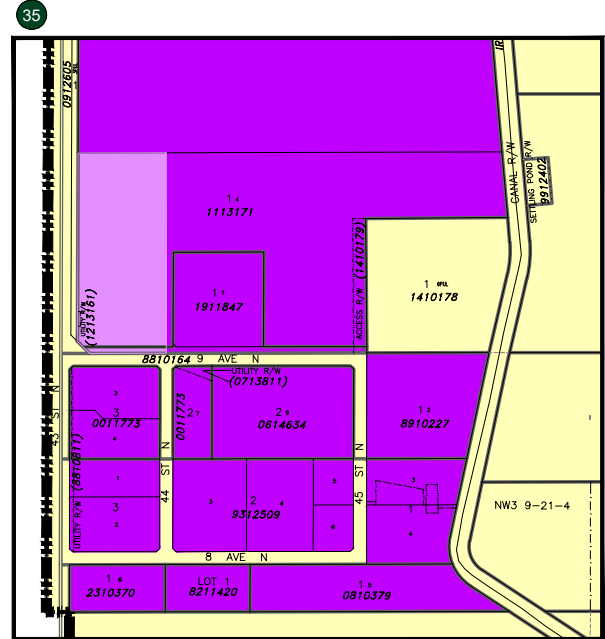
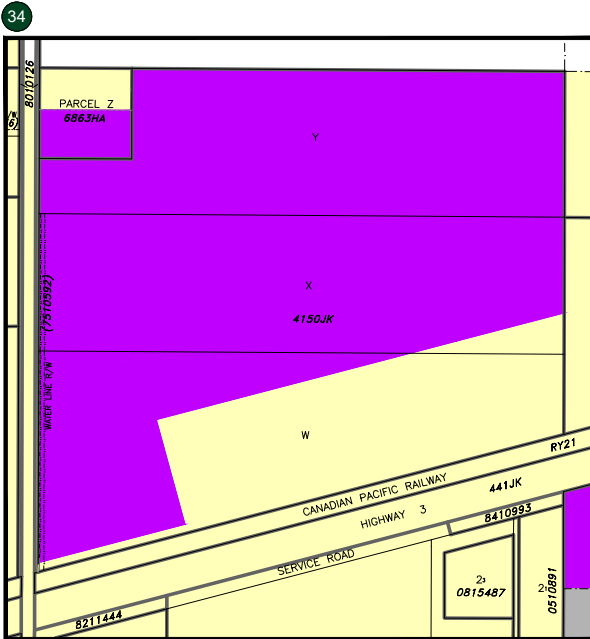
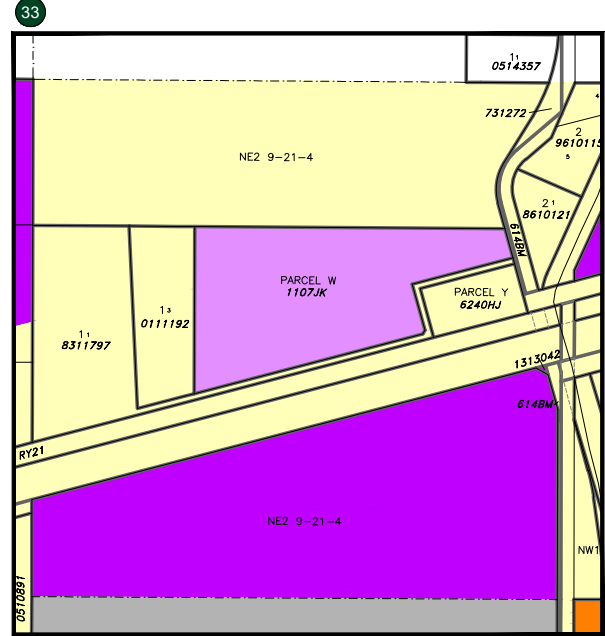
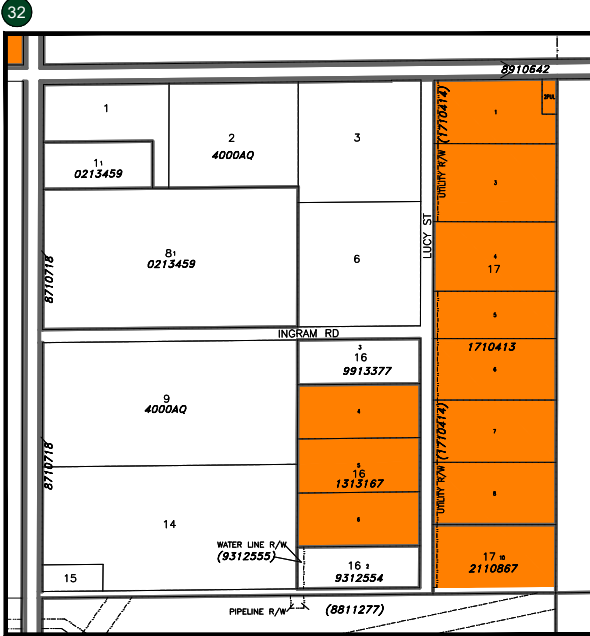


LAND USE DISTRICTS

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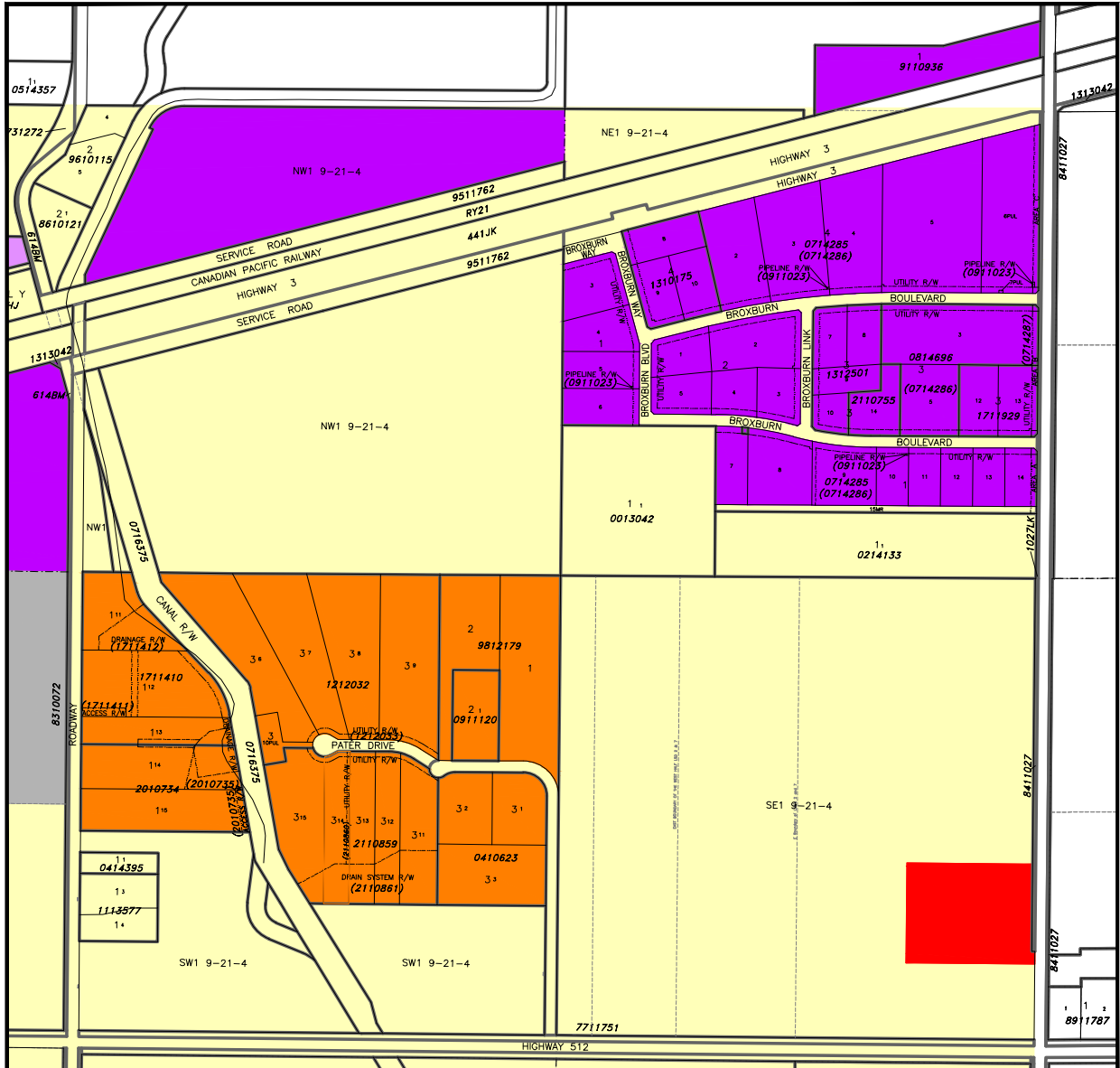
- HAMLET RESIDENTIAL - HR
- HAMLET COMMERCIAL - HC
- HAMLET INDUSTRIAL - HI
- HAMLET PUBLIC / INSTITUTIONAL - HP/I
- HAMLET DIRECT CONTROL - HDC
- HAMLET TRANSITIONAL / AGRICULTURAL - HT/A
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LAND USE DISTRICTS

- | | | | | | |
|--|-----------------------------------|--|---|--|-------------------------------|
| | RURAL AGRICULTURE - RA | | HAMLET RESIDENTIAL - HR | | AIRPORT PROTECTION AREA - APA |
| | URBAN FRINGE - UF | | HAMLET COMMERCIAL - HC | | HAMLET / URBAN BOUNDARY |
| | GROUPED COUNTRY RESIDENTIAL - GCR | | HAMLET INDUSTRIAL - HI | | SEWAGE LAGOON BUFFER |
| | RURAL GENERAL INDUSTRIAL - RGI | | HAMLET PUBLIC / INSTITUTIONAL - HP/I | | WASTE TRANSFER BUFFER |
| | BUSINESS LIGHT INDUSTRIAL - BLI | | HAMLET DIRECT CONTROL - HDC | | |
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| | RURAL RECREATIONAL - RR | | DIRECT CONTROL - DC | | |

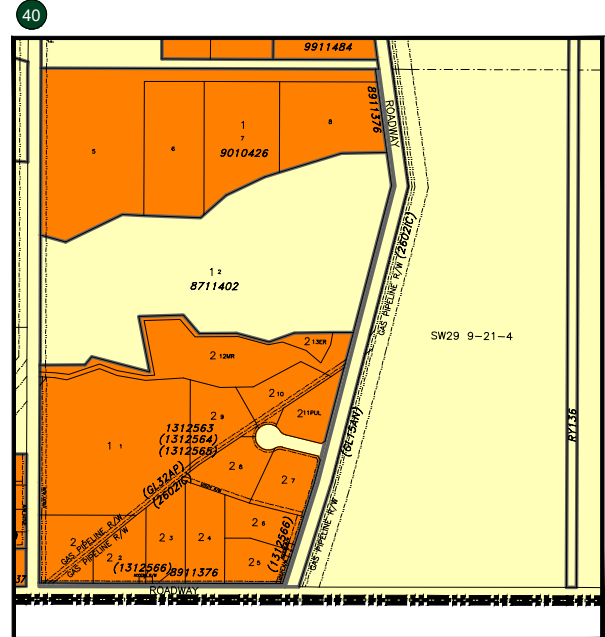
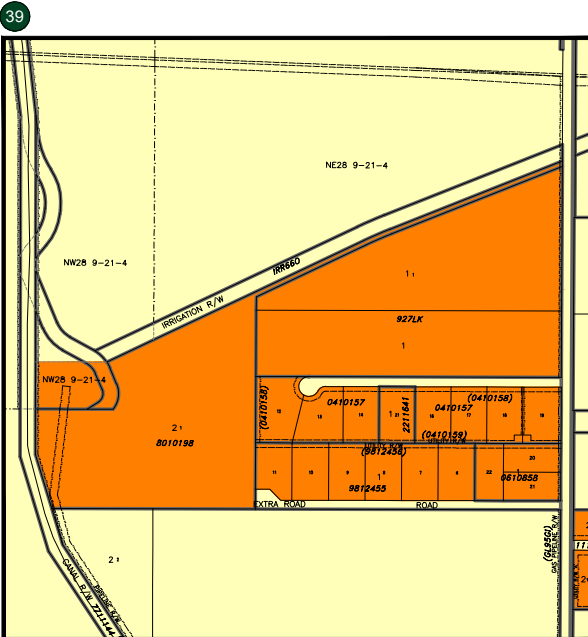
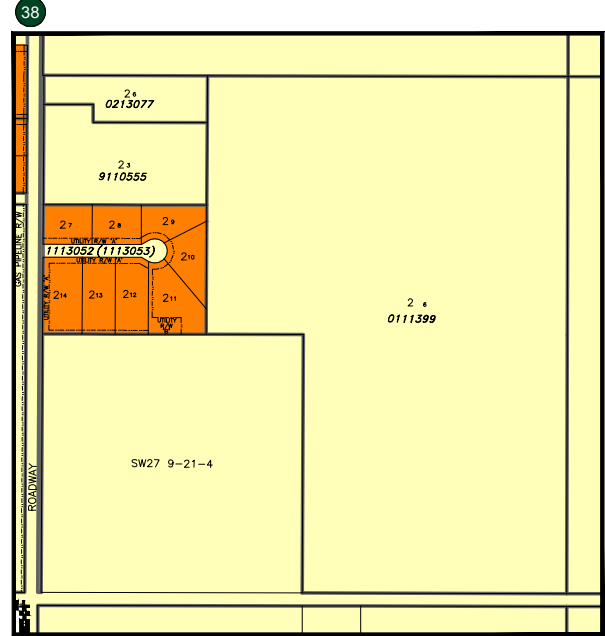
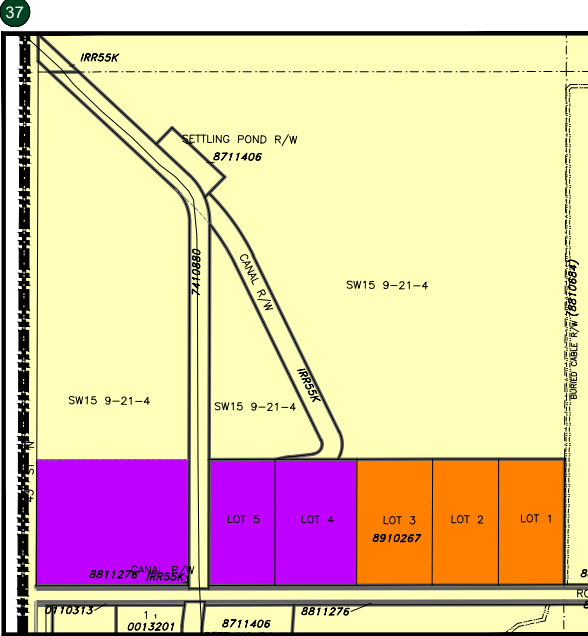


LAND USE DISTRICTS

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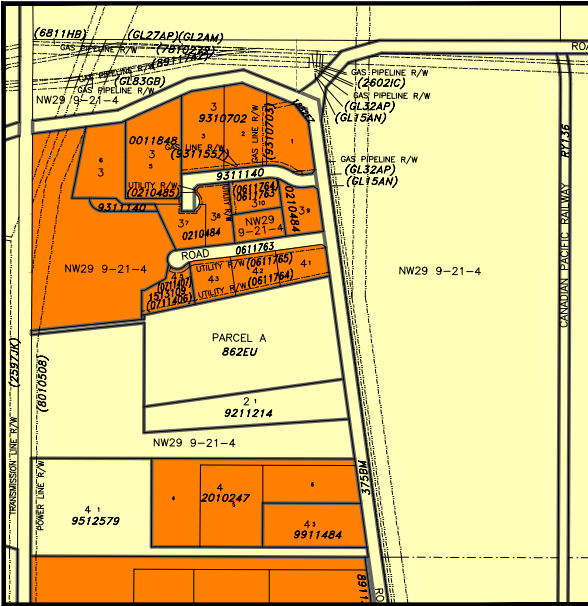


LAND USE DISTRICTS

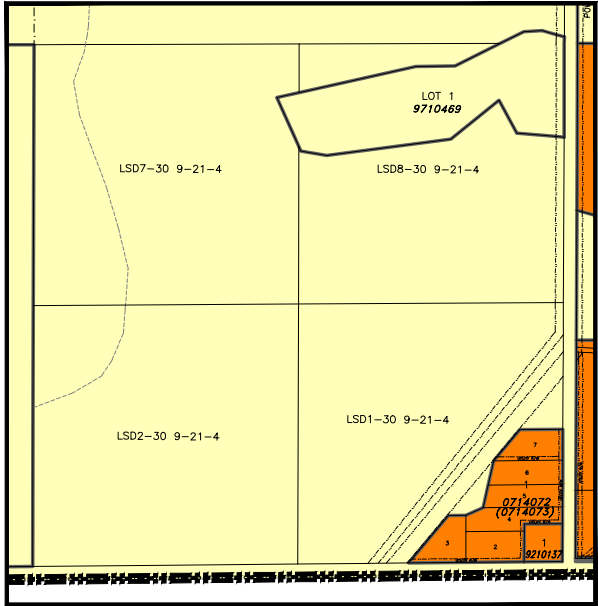
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URBAN FRINGE - UF	HAMLET COMMERCIAL - HC	HAMLET / URBAN BOUNDARY
GROUPED COUNTRY RESIDENTIAL - GCR	HAMLET INDUSTRIAL - HI	SEWAGE LAGOON BUFFER
RURAL GENERAL INDUSTRIAL - RGI	HAMLET PUBLIC / INSTITUTIONAL - HP/I	WASTE TRANSFER BUFFER
BUSINESS LIGHT INDUSTRIAL - BLI	HAMLET DIRECT CONTROL - HDC	
RURAL COMMERCIAL - RC	HAMLET TRANSITIONAL / AGRICULTURAL - HT/A	
RURAL RECREATIONAL - RR	DIRECT CONTROL - DC	



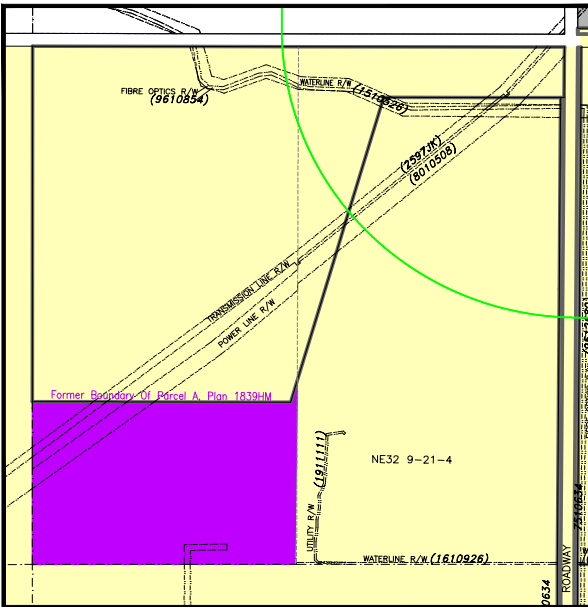
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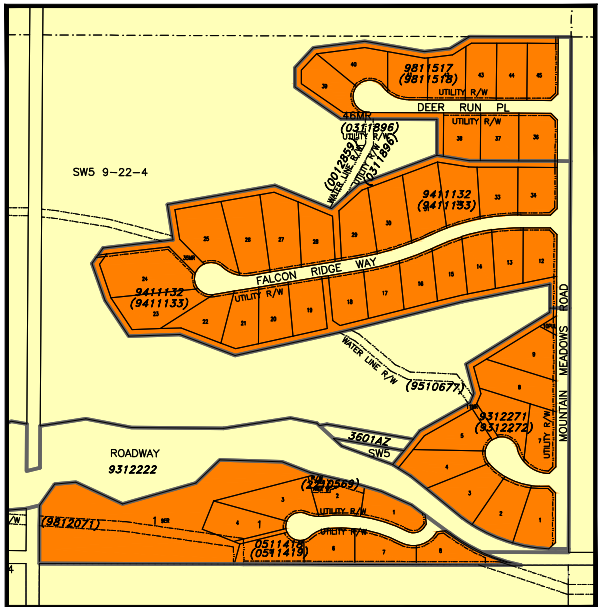
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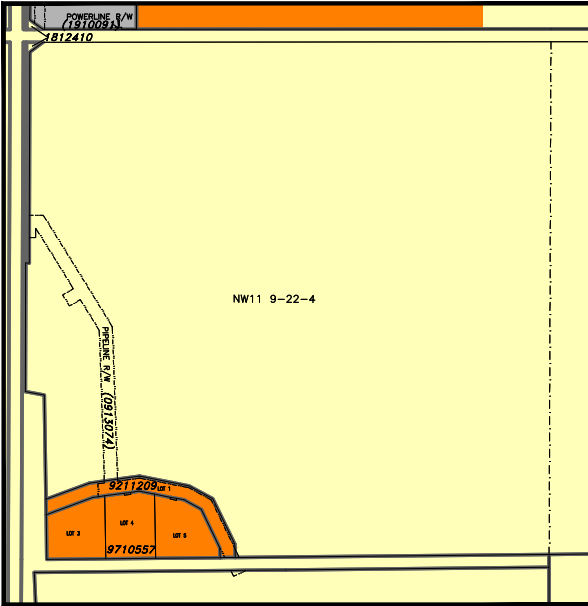
LAND USE DISTRICTS

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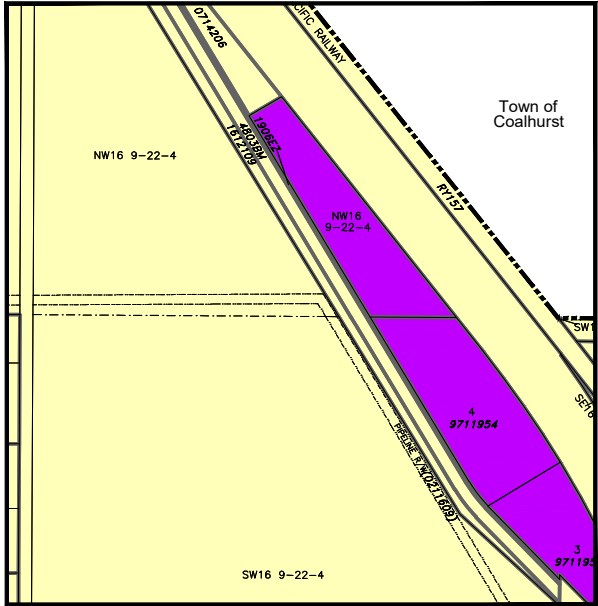
- HAMLET RESIDENTIAL - HR
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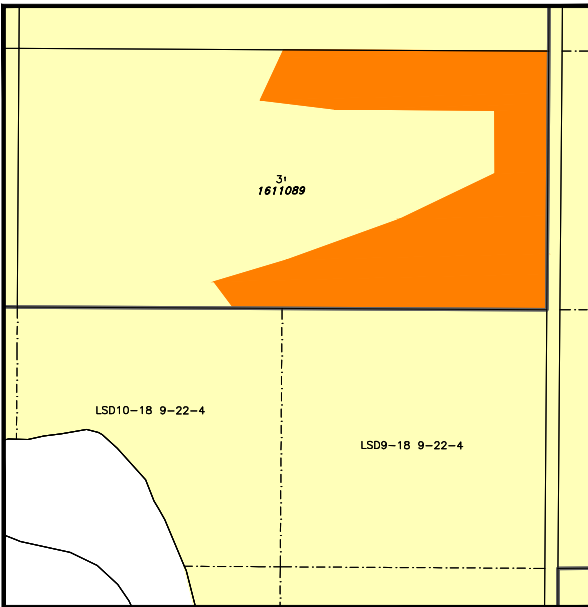
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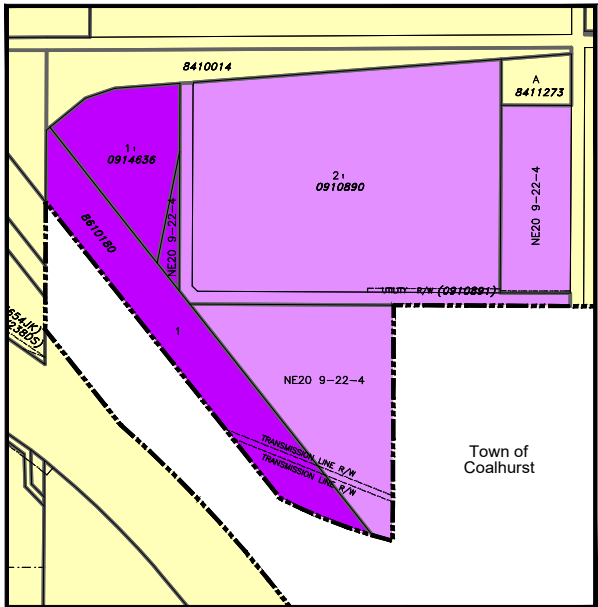
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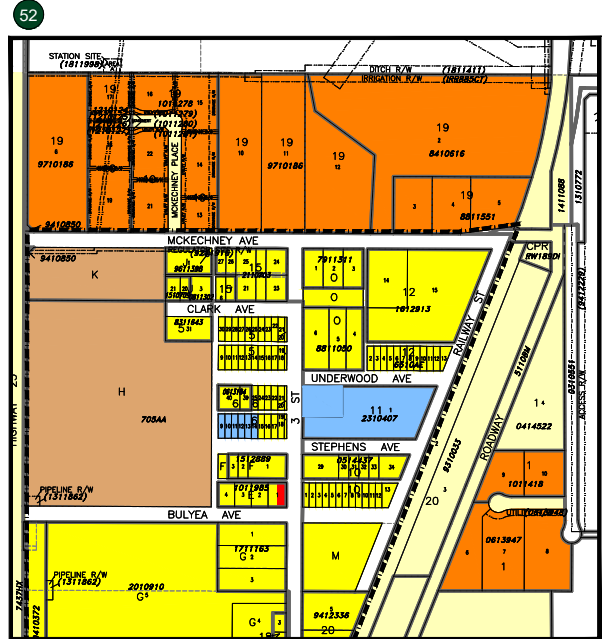
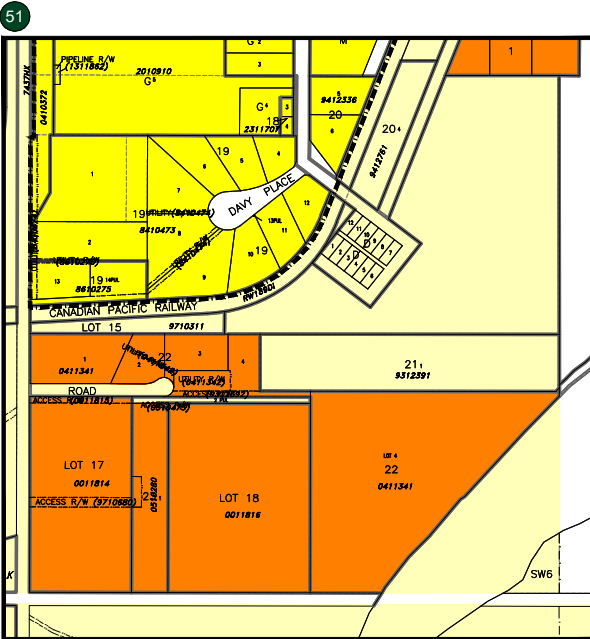
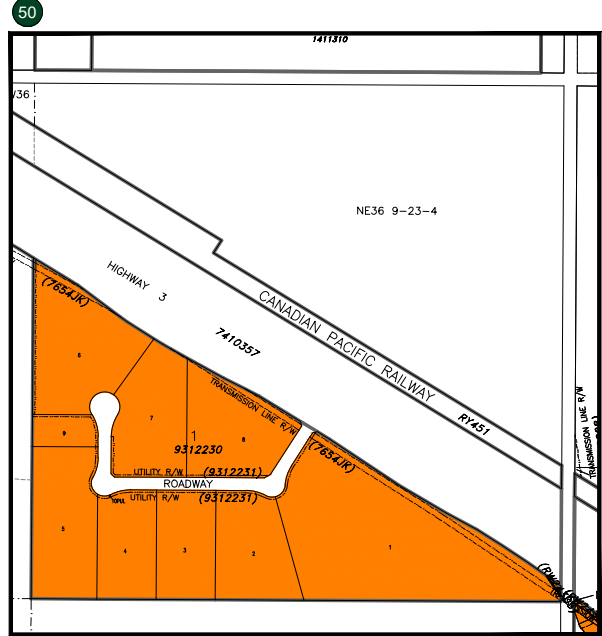
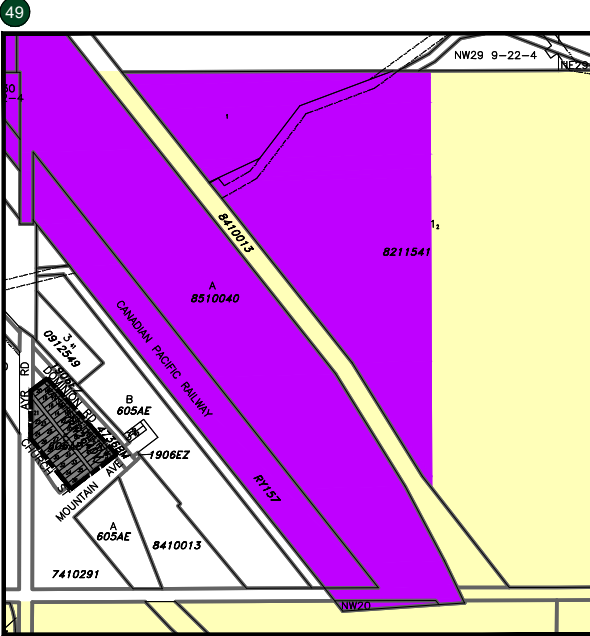


LAND USE DISTRICTS

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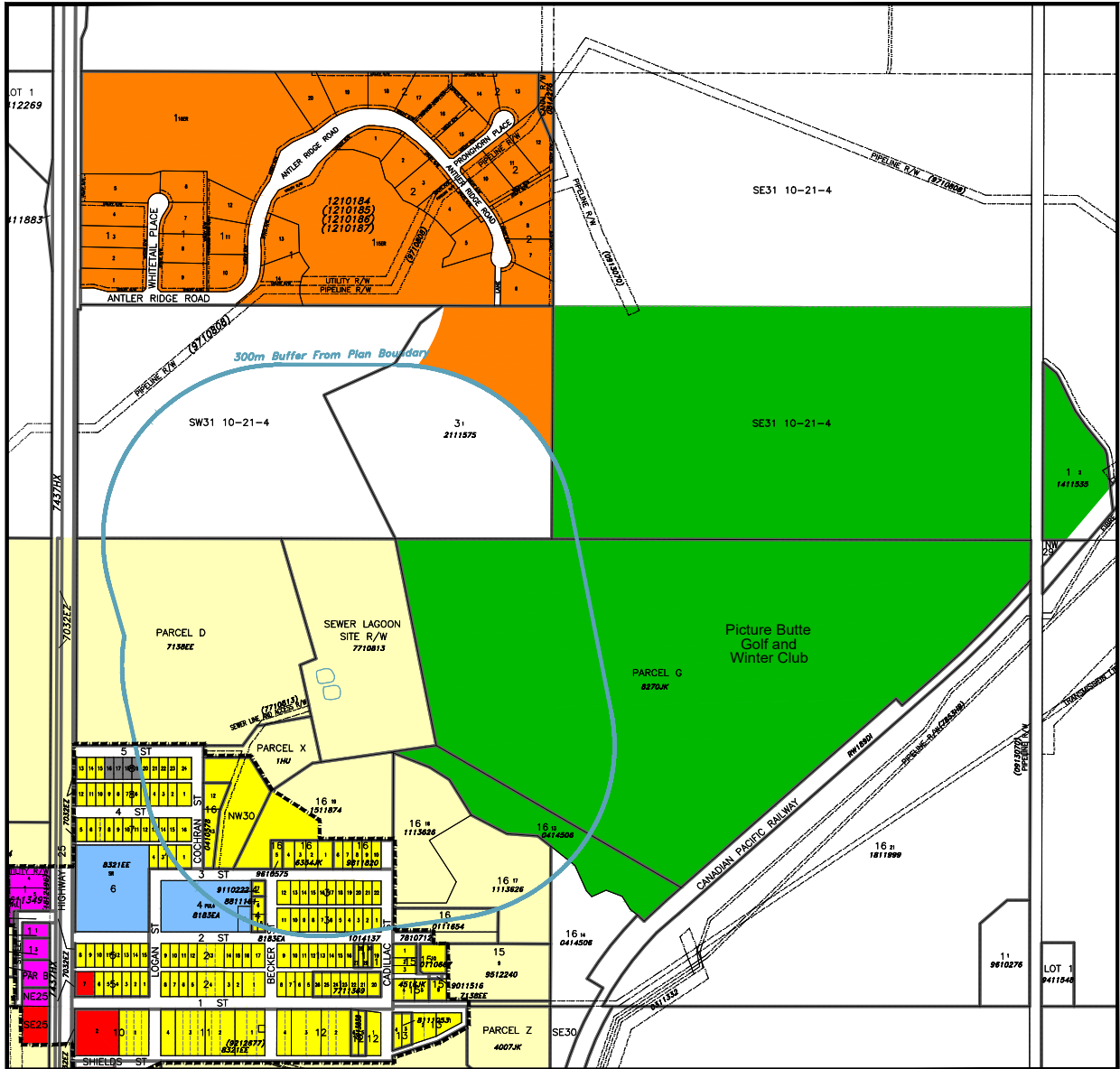


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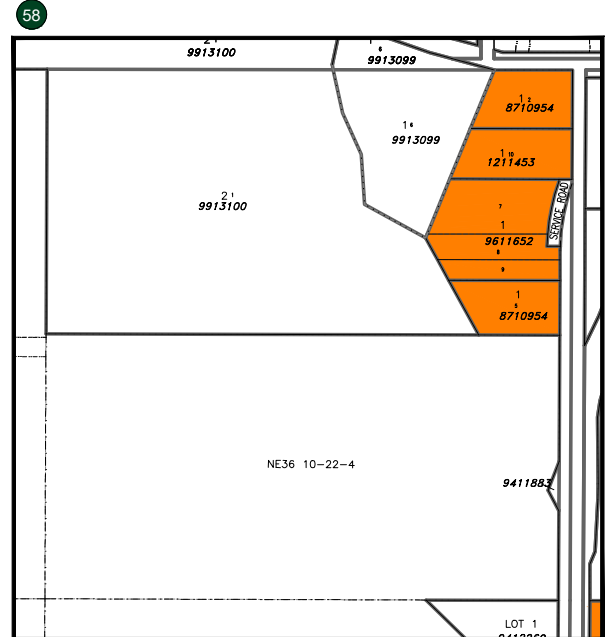
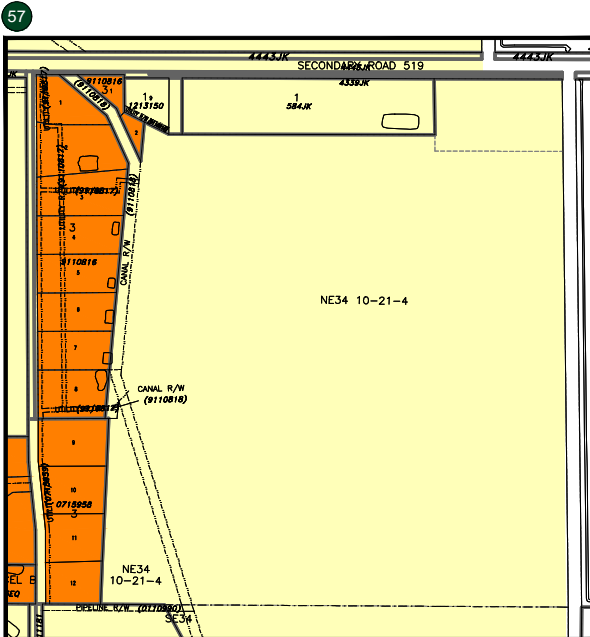
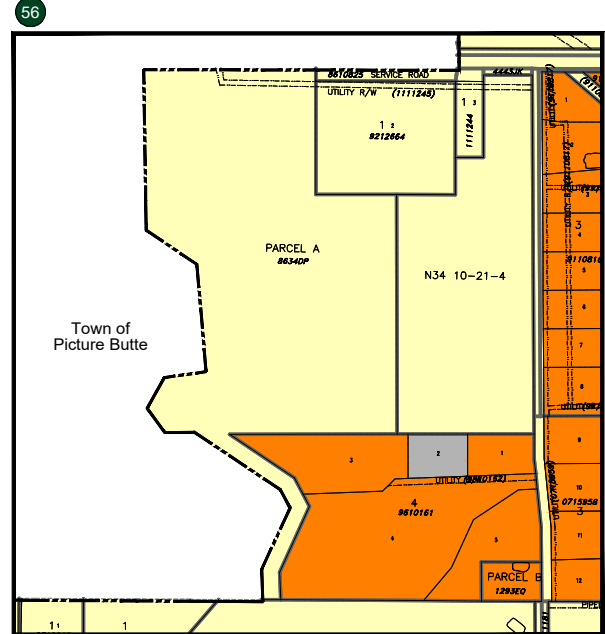
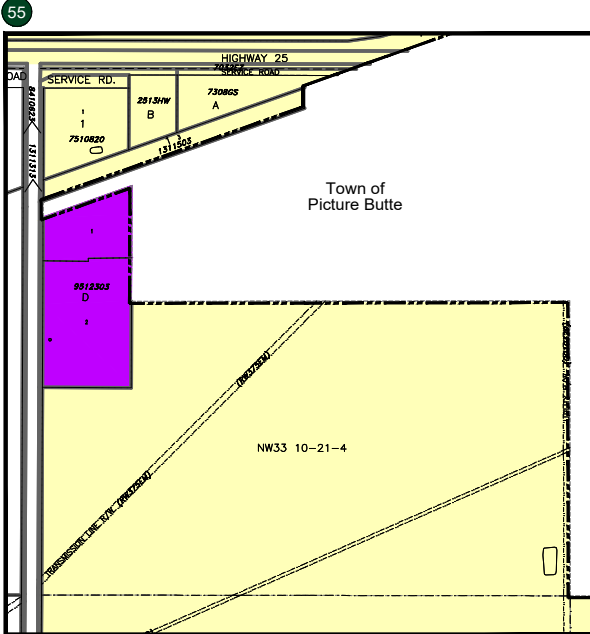




















LAND USE DISTRICTS

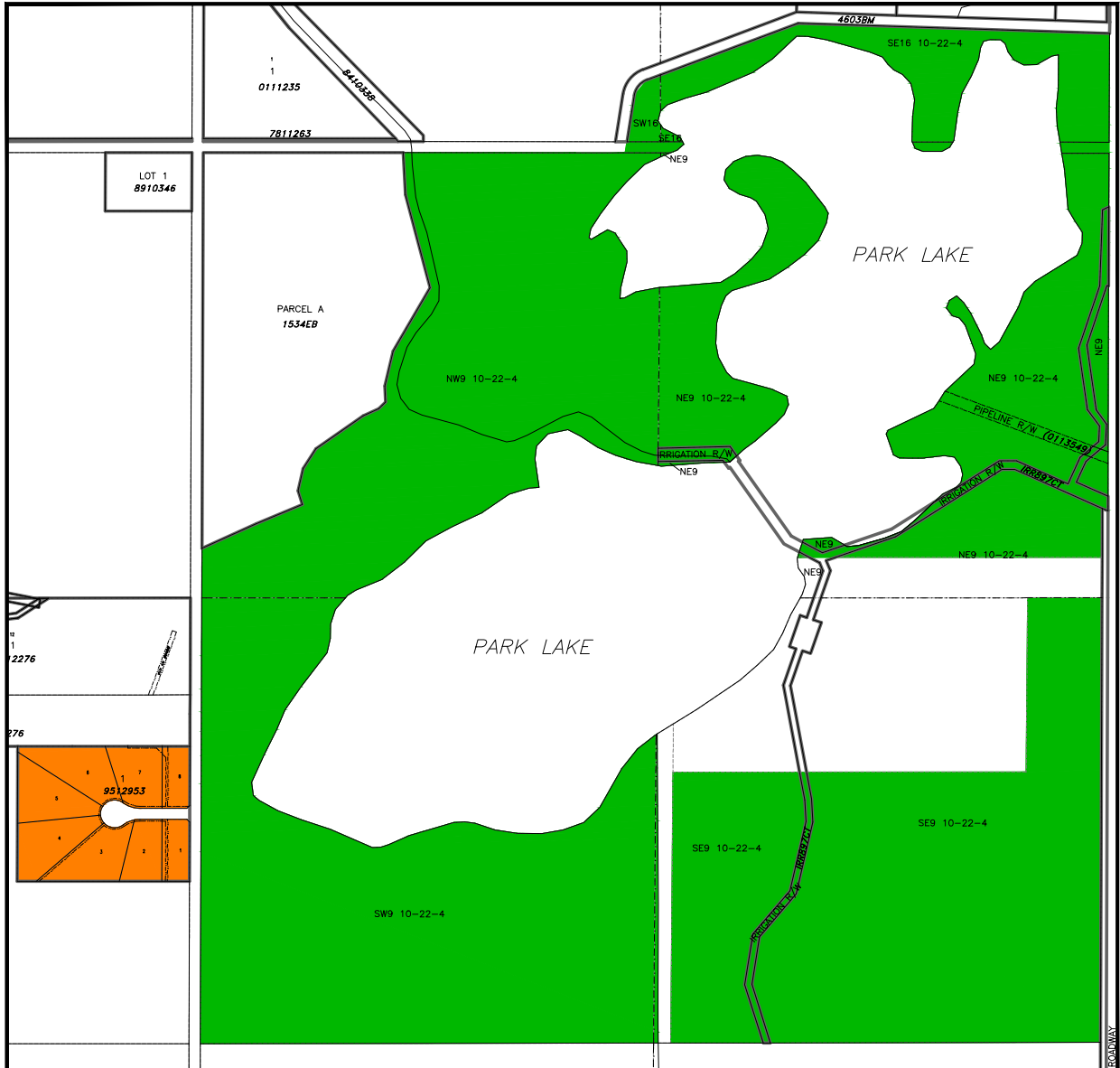
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- BUSINESS LIGHT INDUSTRIAL - BLI
- RURAL COMMERCIAL – RC
- RURAL RECREATIONAL - RR

- HAMLET RESIDENTIAL – HR
- HAMLET COMMERCIAL – HC
- HAMLET INDUSTRIAL – HI
- HAMLET PUBLIC / INSTITUTIONAL – HP/I
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- HAMLET TRANSITIONAL / AGRICULTURAL – HT/A
- DIRECT CONTROL - DC

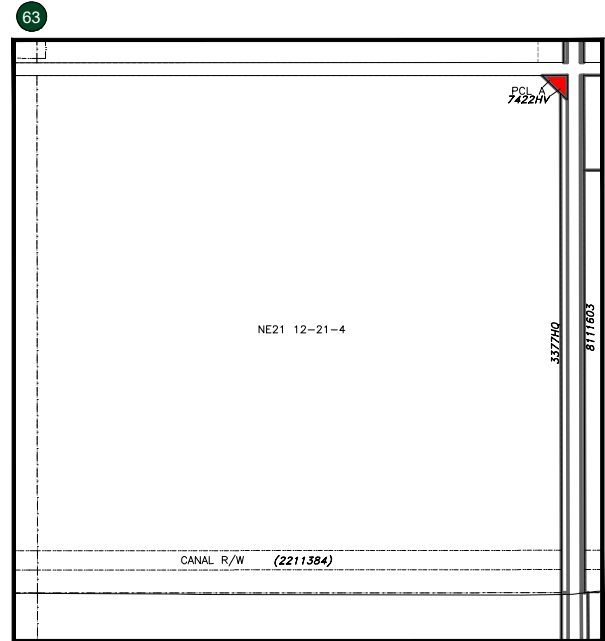
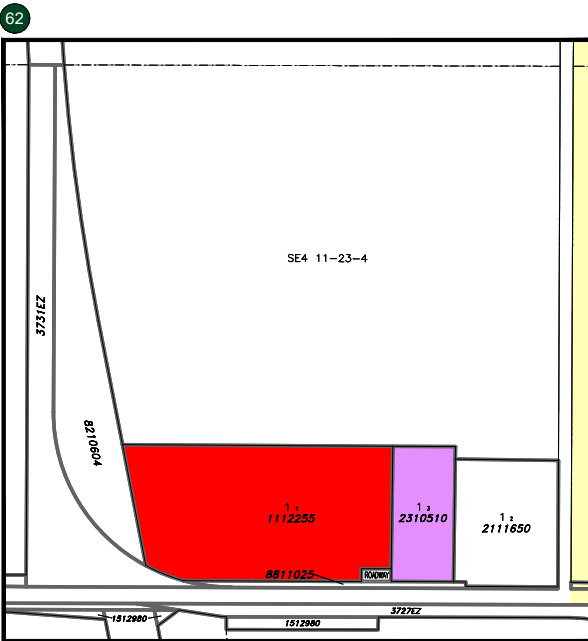
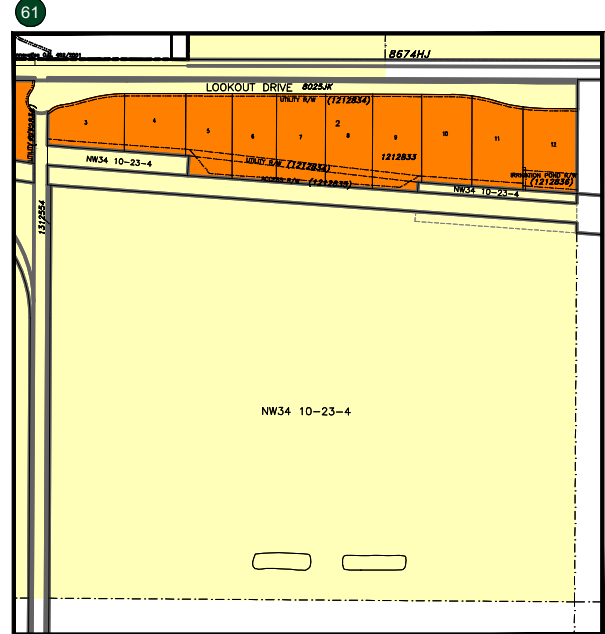
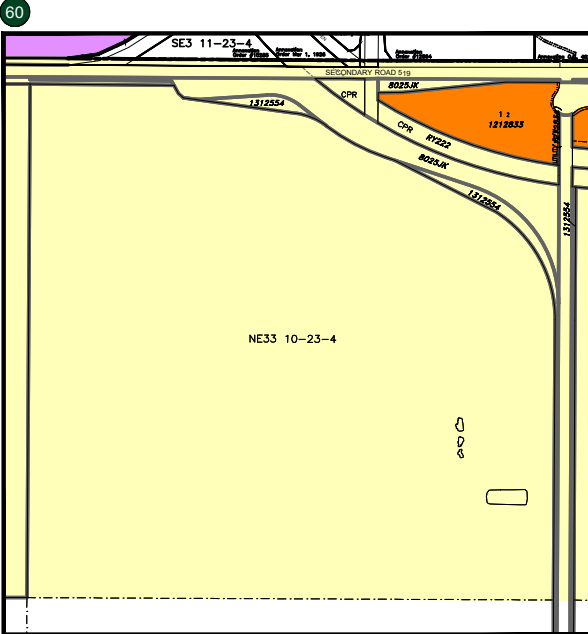
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- WASTE TRANSFER BUFFER



LAND USE DISTRICTS					
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	BUSINESS LIGHT INDUSTRIAL - BLI		HAMLET DIRECT CONTROL - HDC		
	RURAL COMMERCIAL - RC		HAMLET TRANSITIONAL / AGRICULTURAL - HT/A		
	RURAL RECREATIONAL - RR		DIRECT CONTROL - DC		



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	BUSINESS LIGHT INDUSTRIAL - BLI		HAMLET DIRECT CONTROL - HDC
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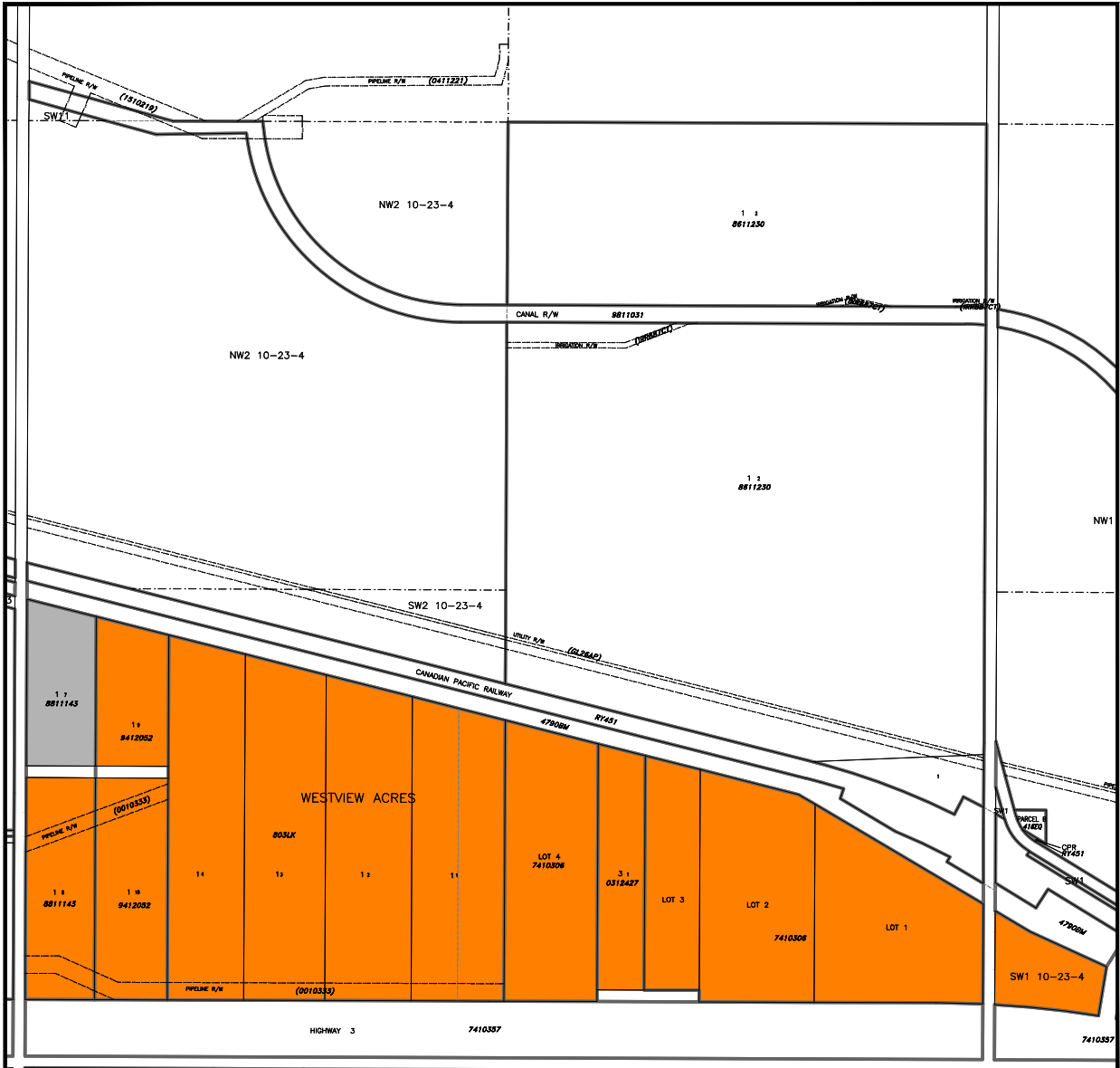


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

















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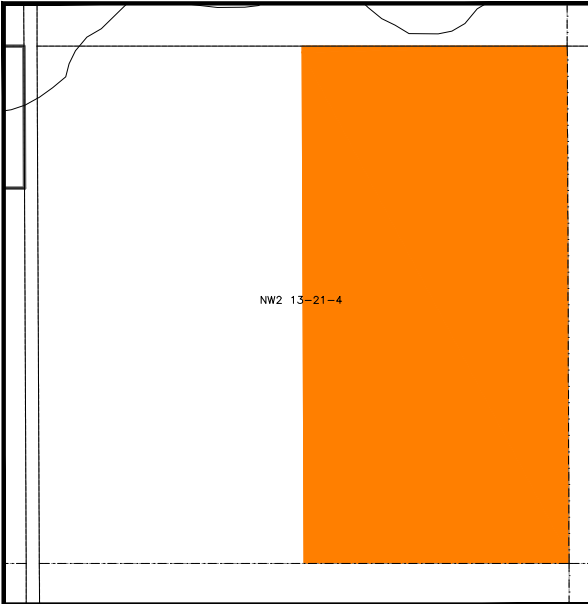
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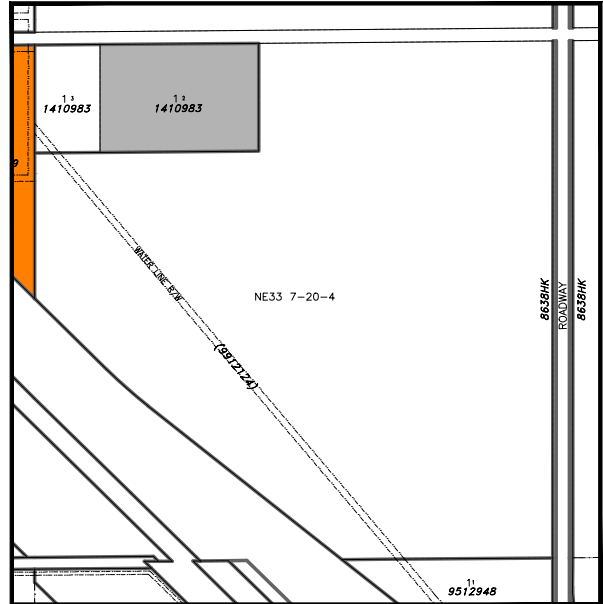
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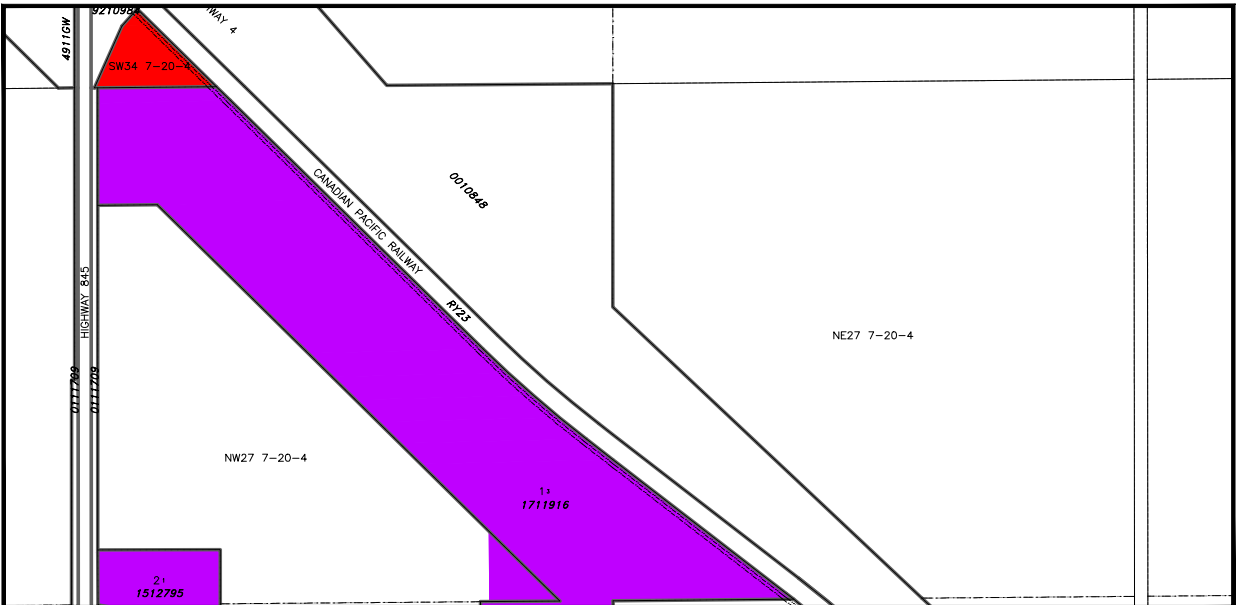
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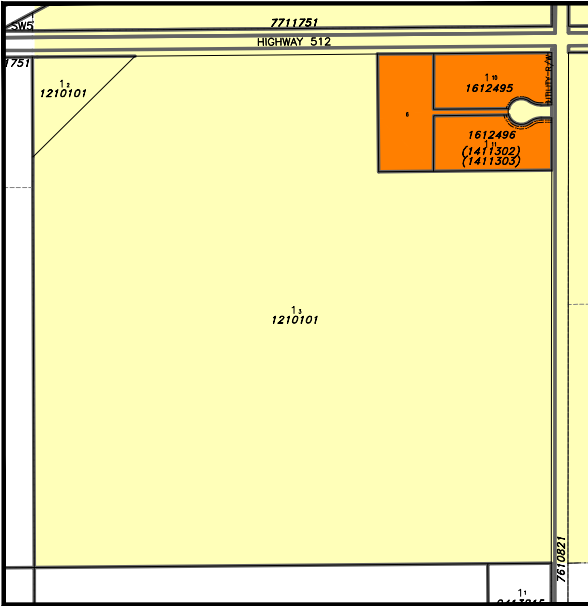
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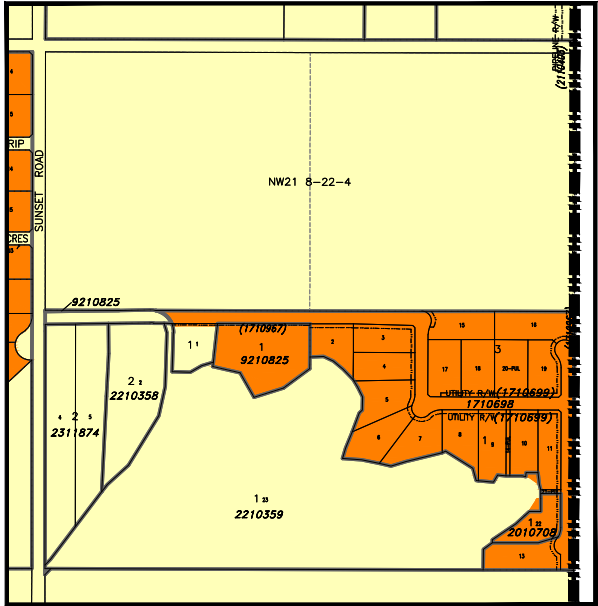
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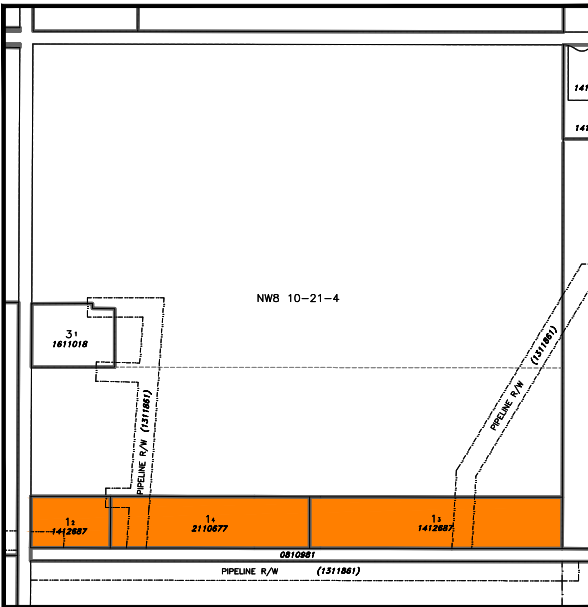
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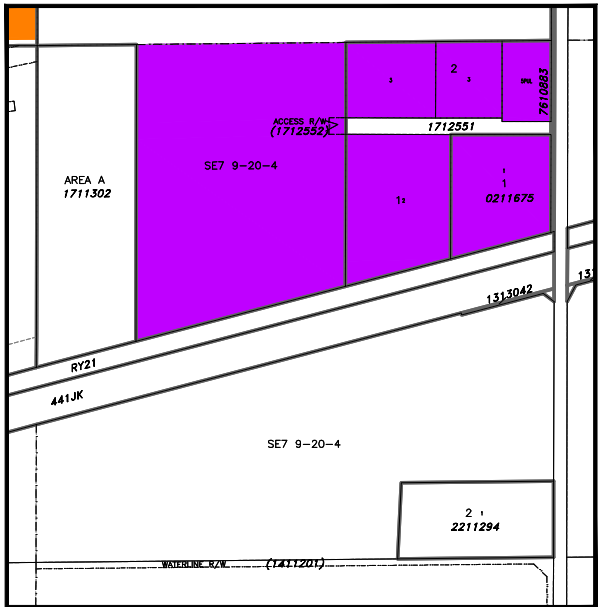
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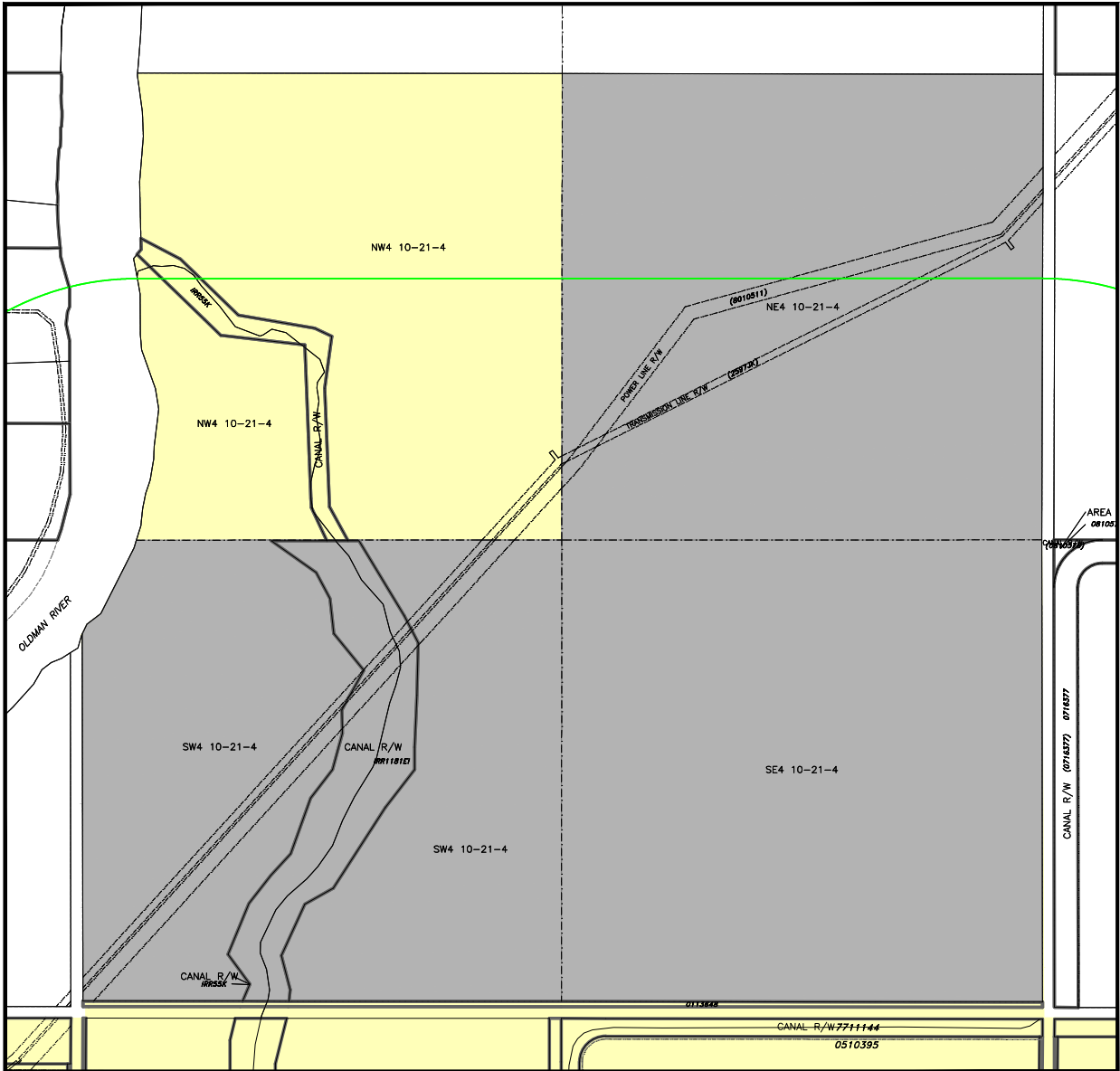


LAND USE DISTRICTS

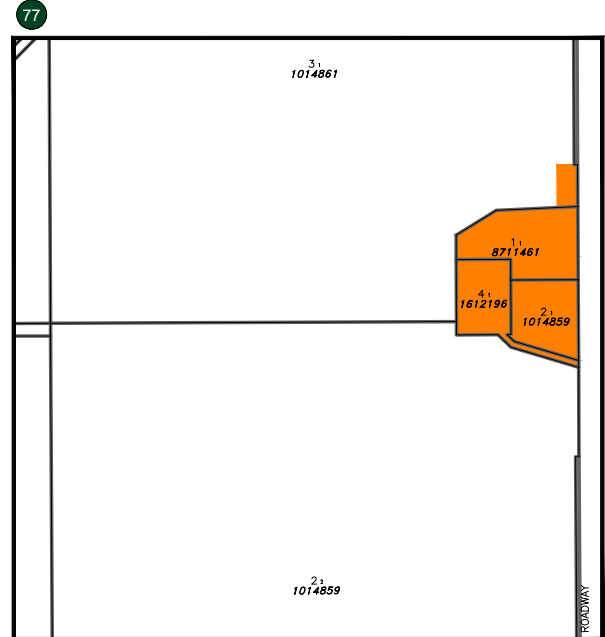
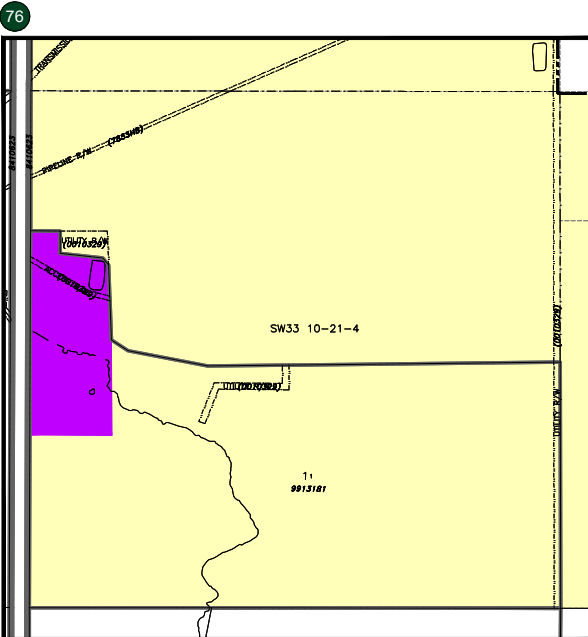
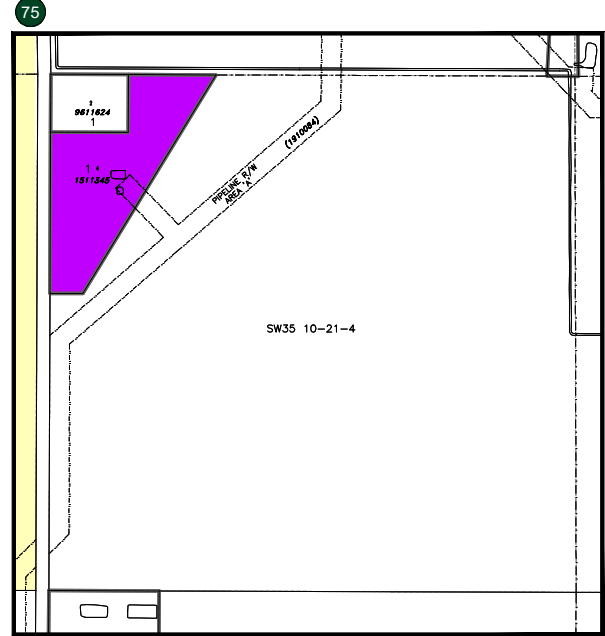
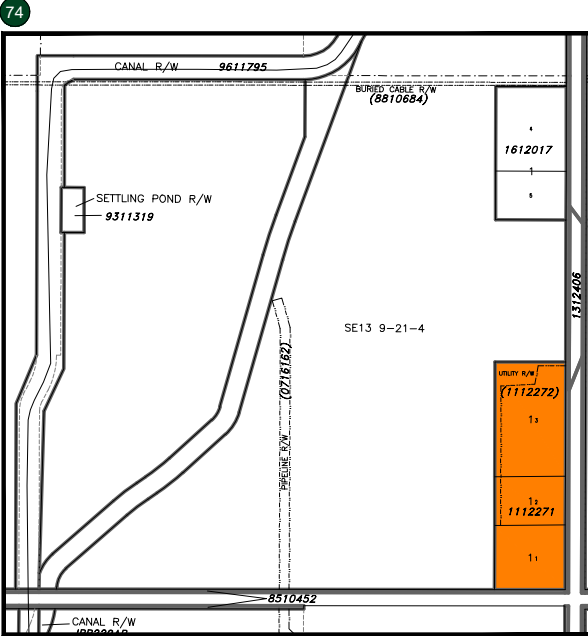
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LAND USE DISTRICTS

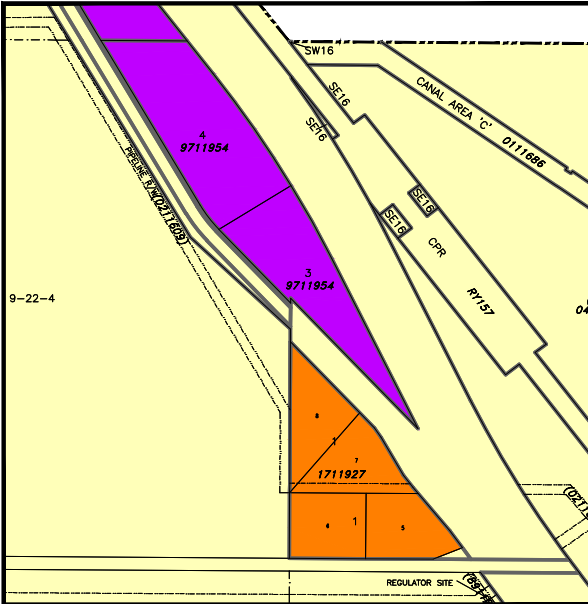
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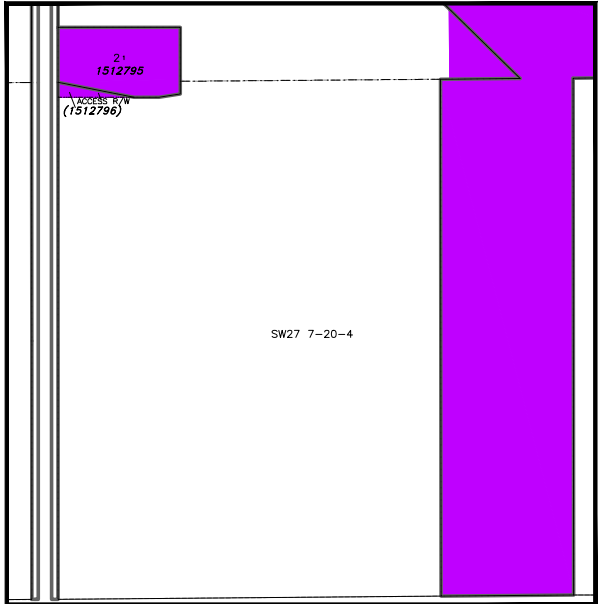
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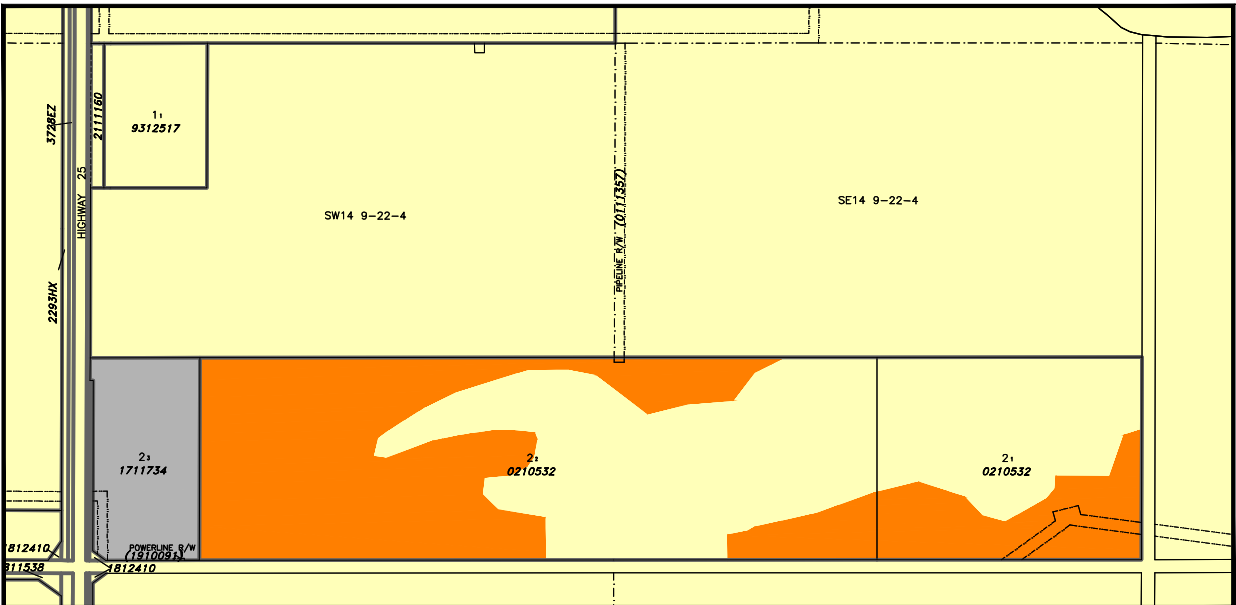
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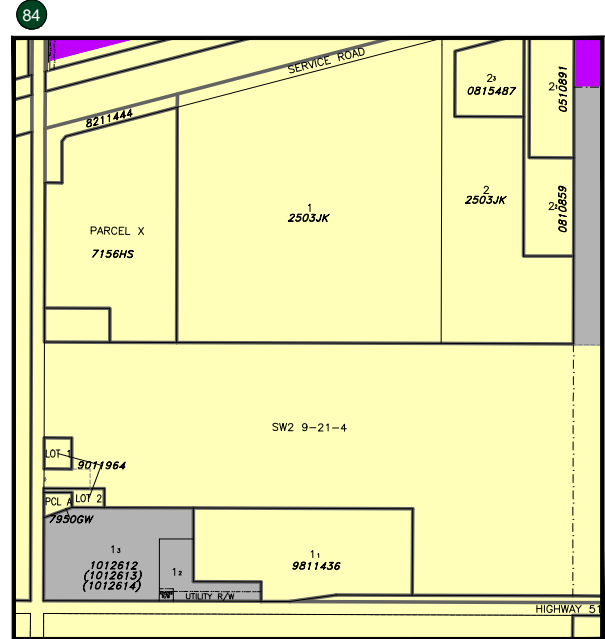
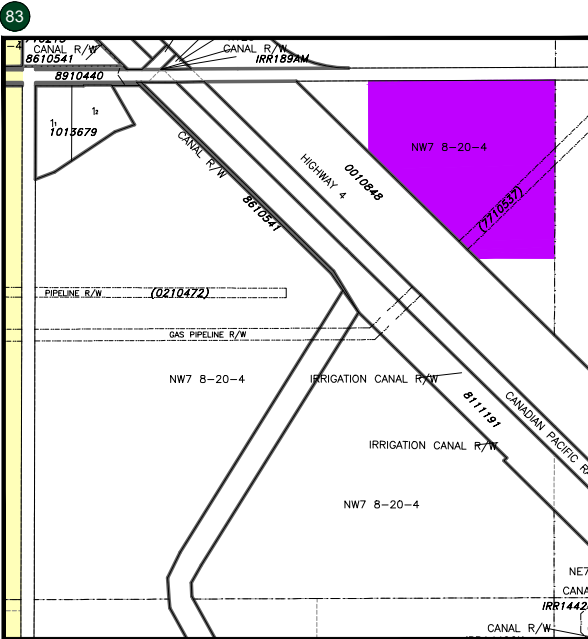
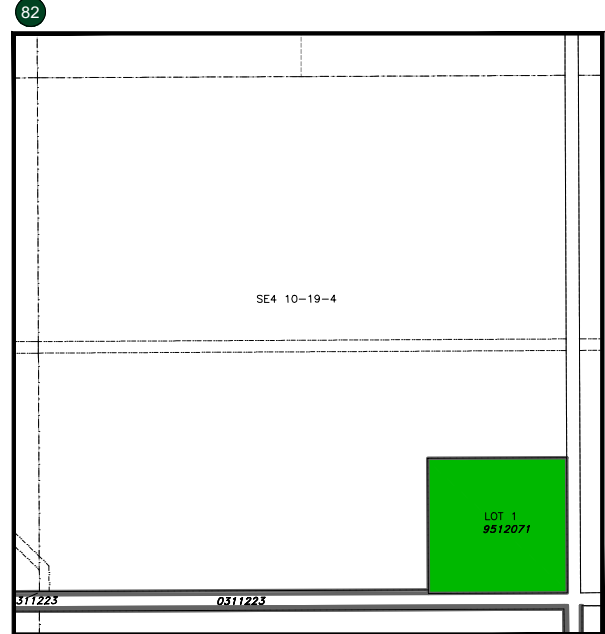
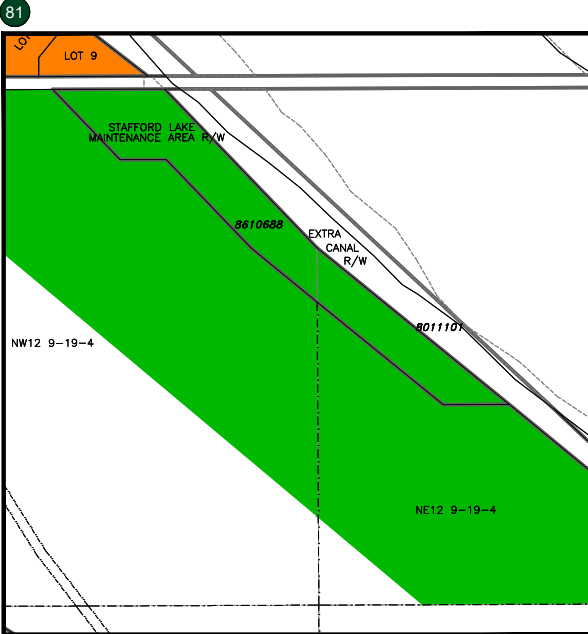


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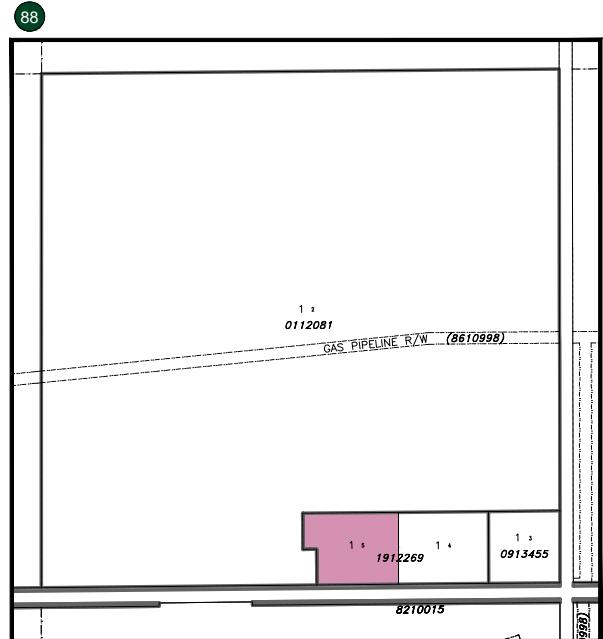
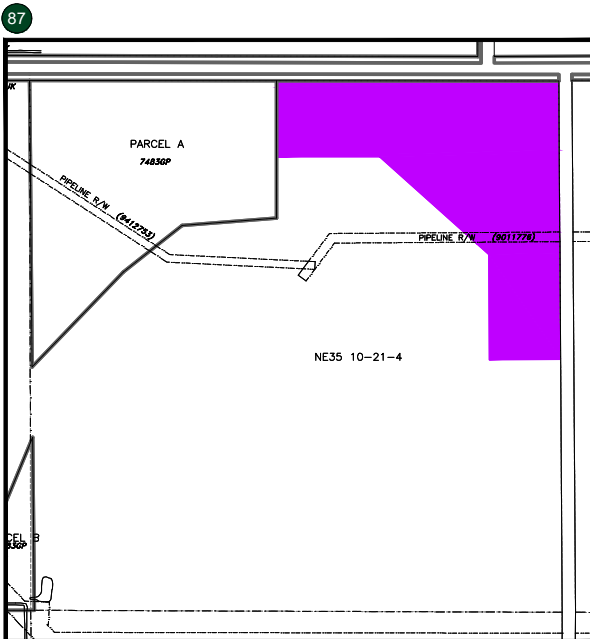
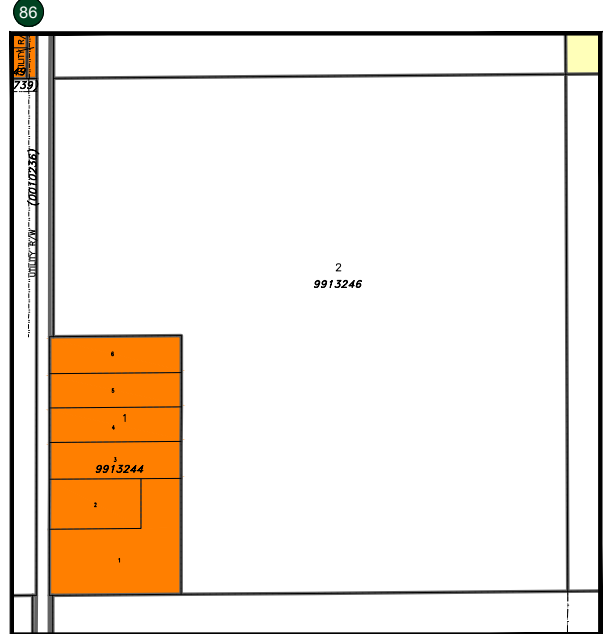
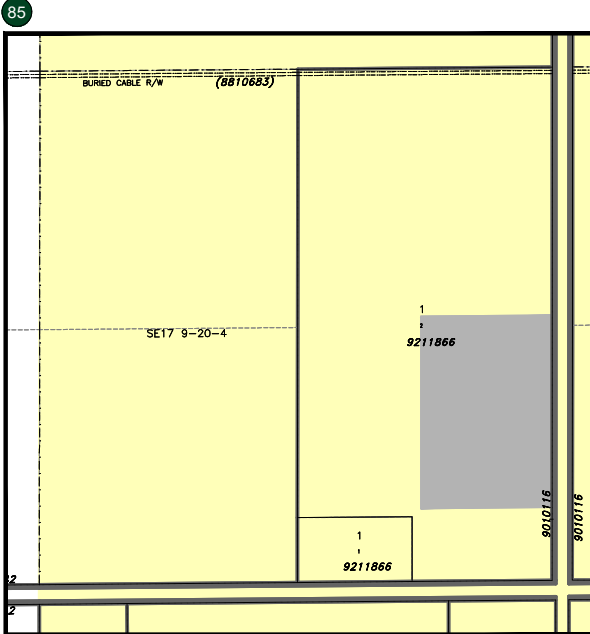


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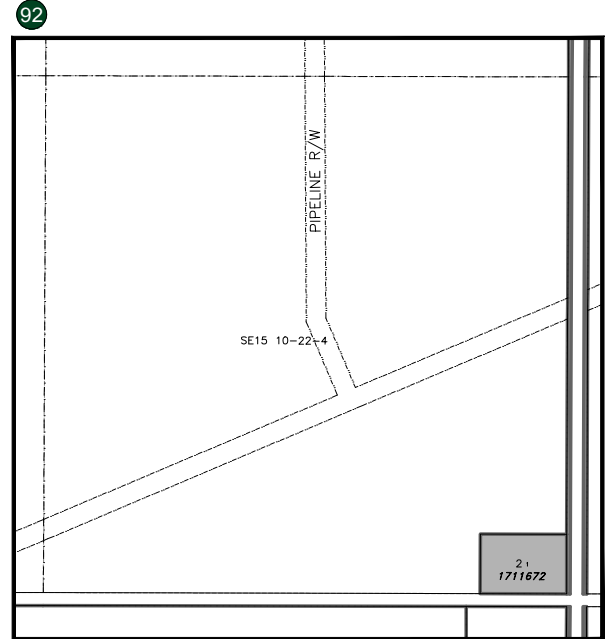
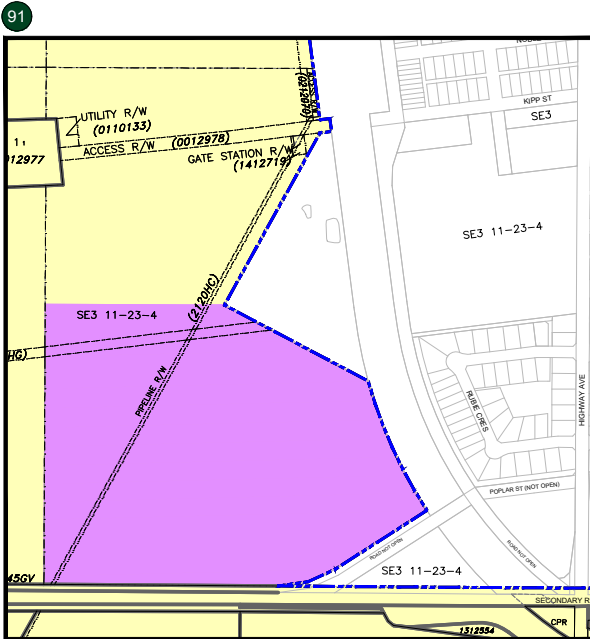
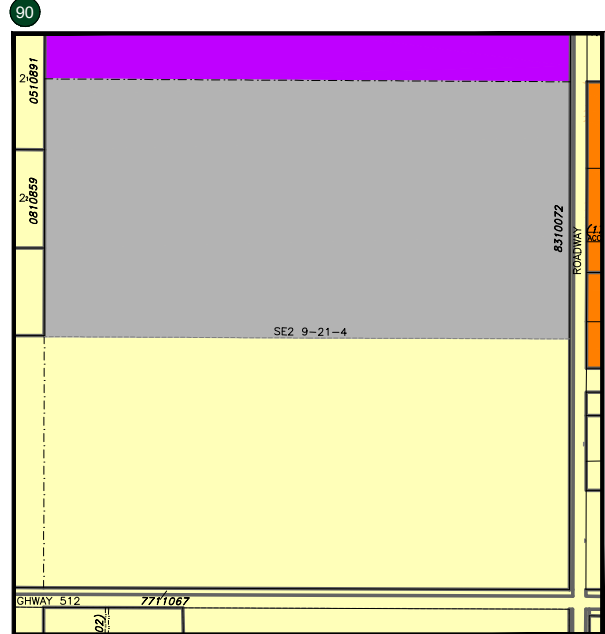
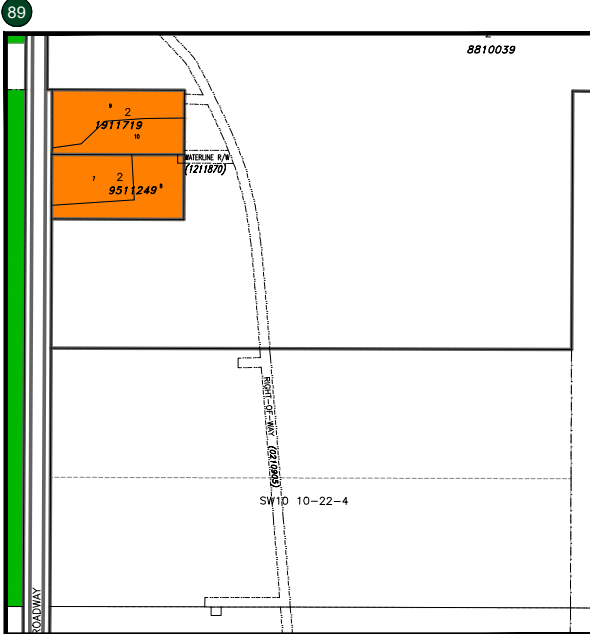


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LAND USE DISTRICTS

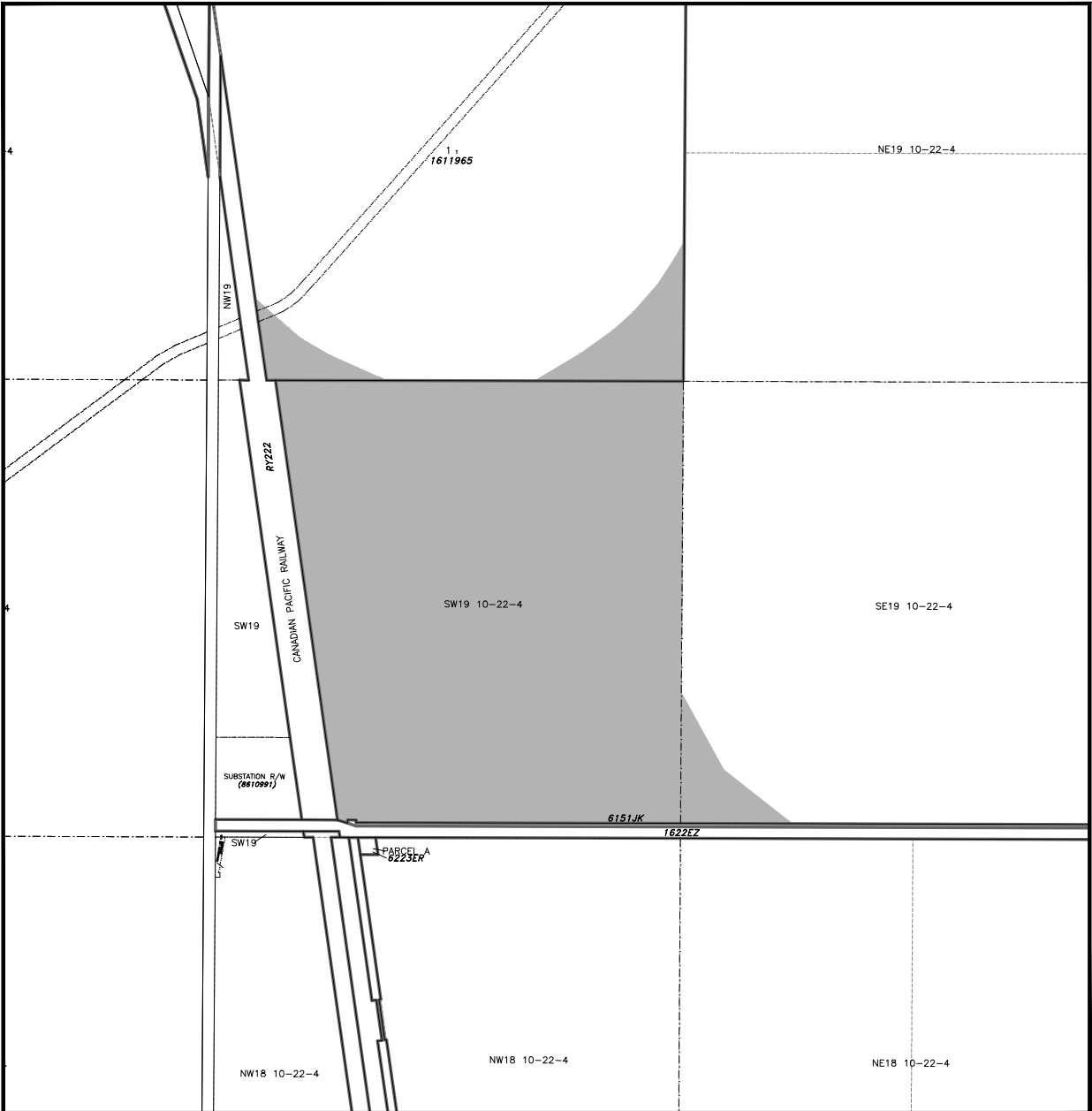
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LAND USE DISTRICTS

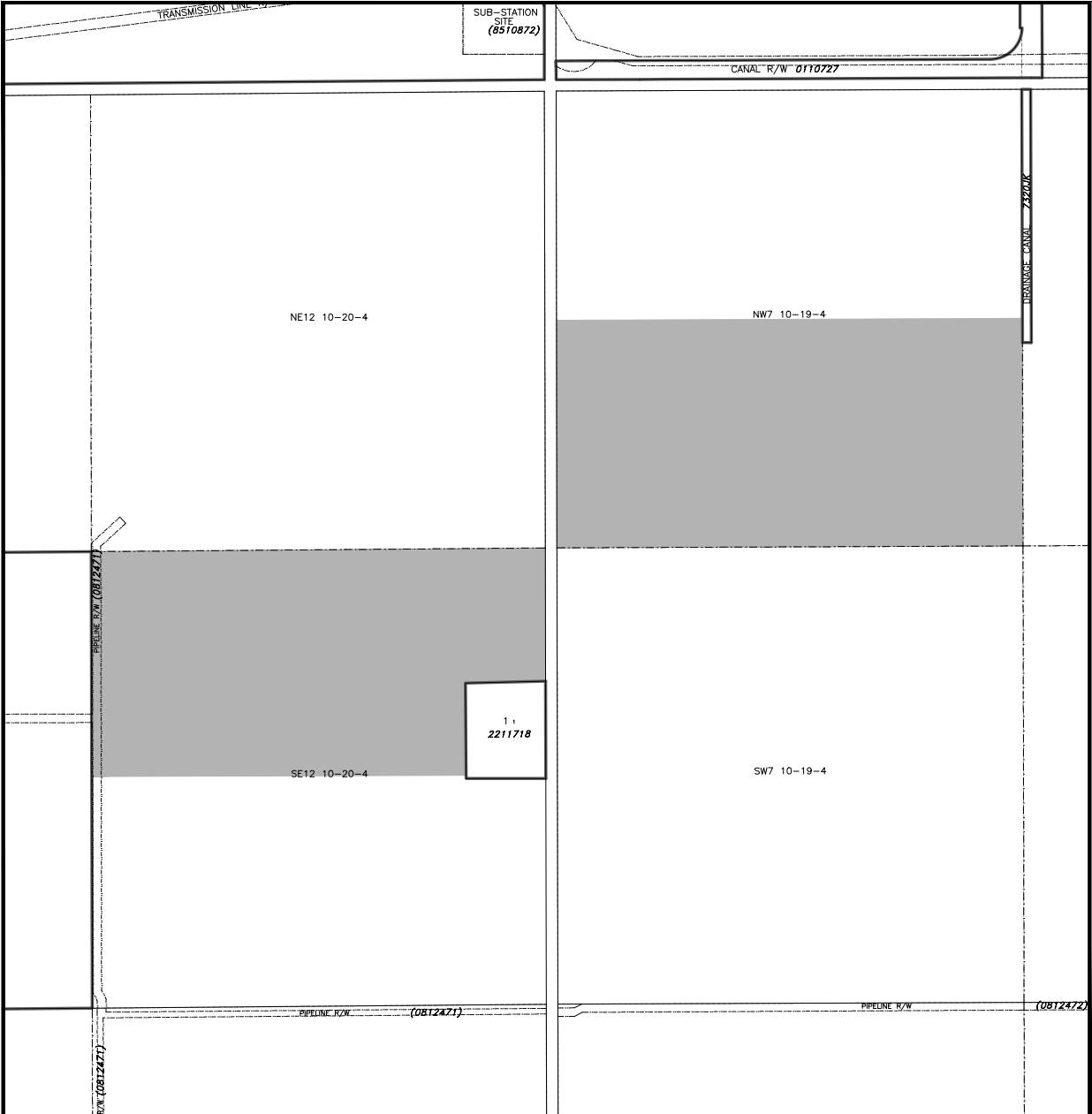
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LAND USE DISTRICTS

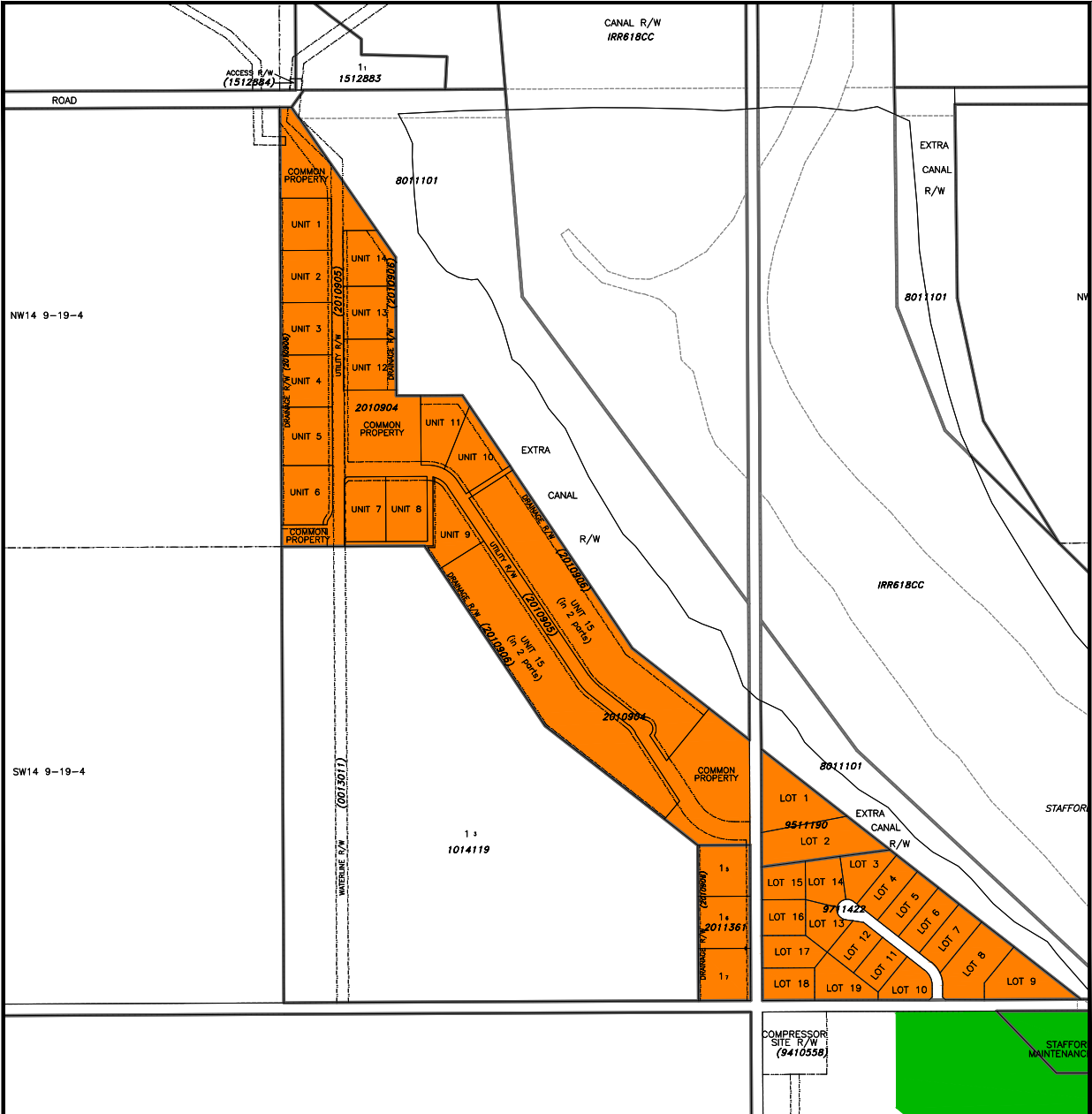
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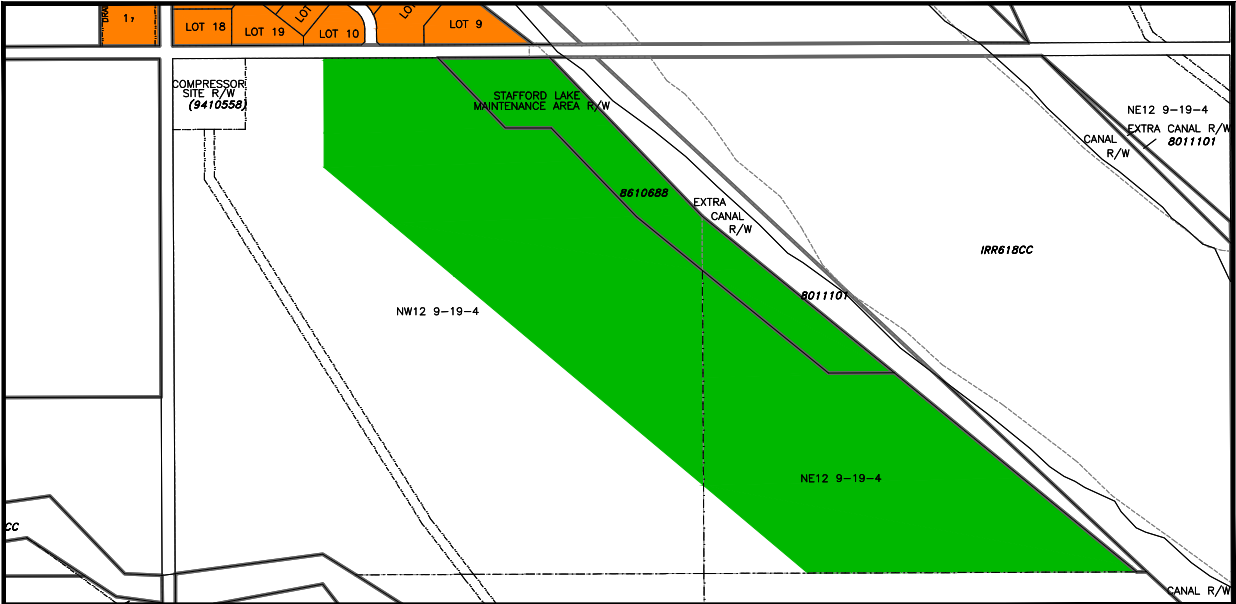
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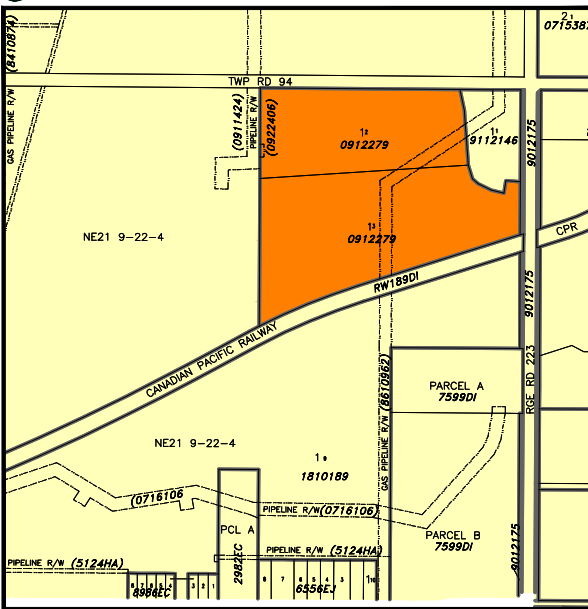
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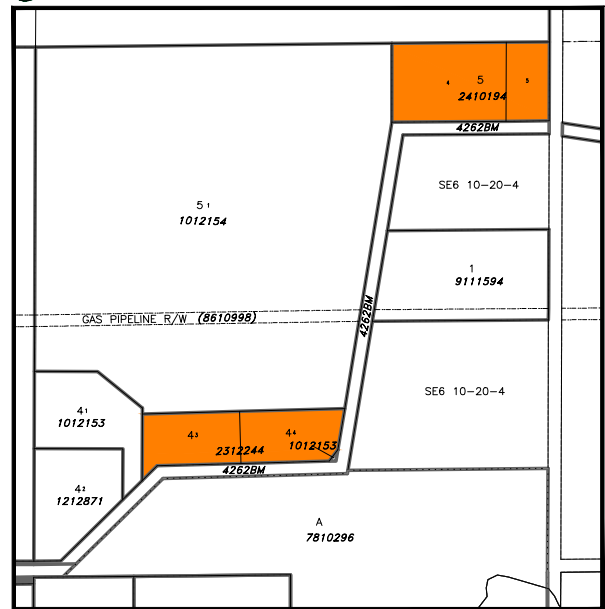
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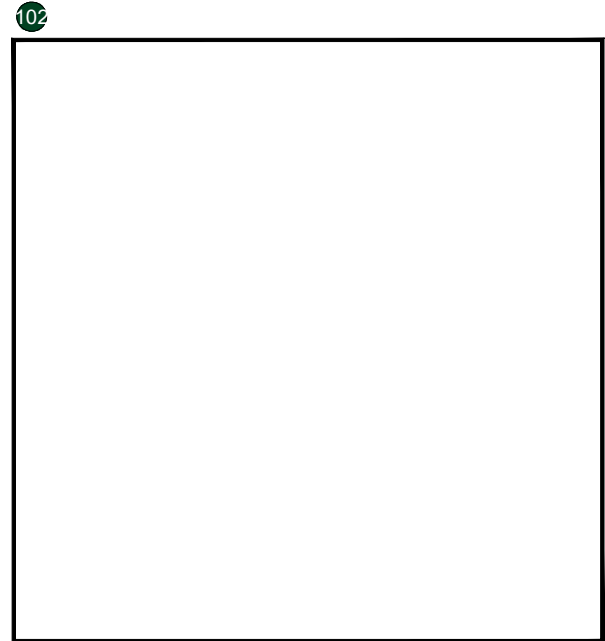
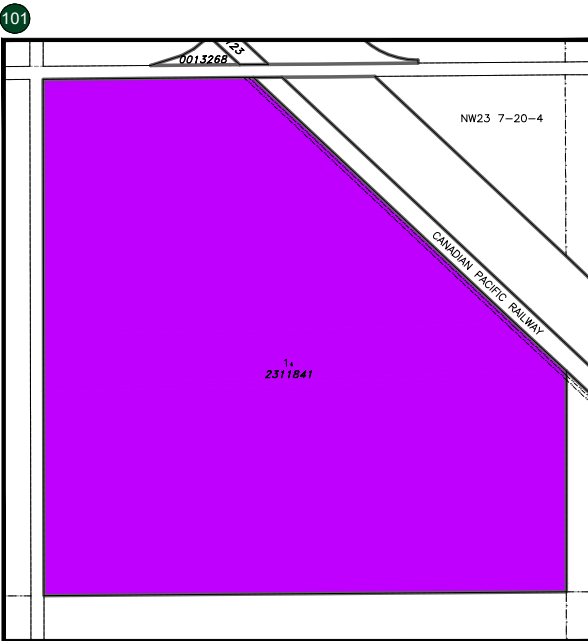
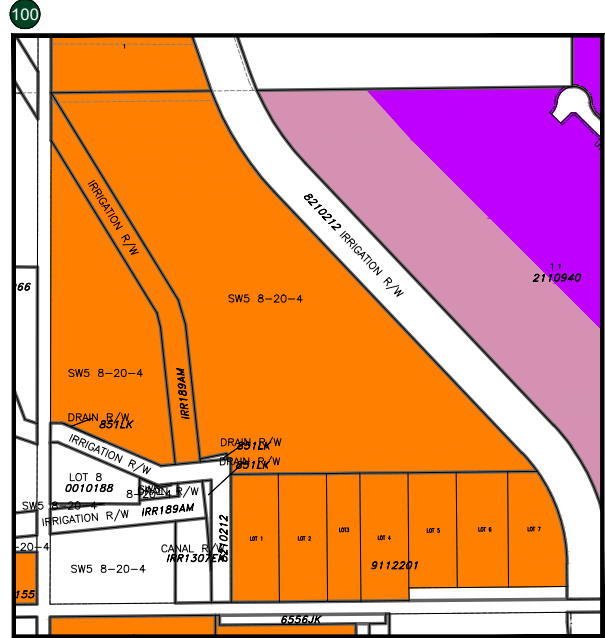
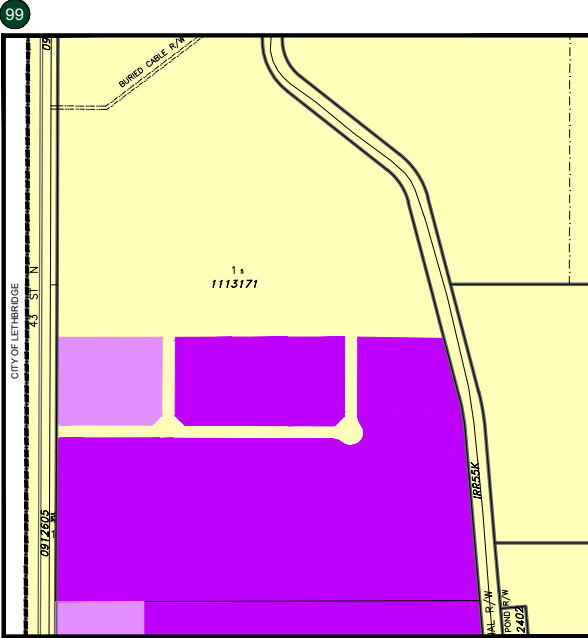


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APPENDIX A

Telecommunication, Radiocommunication and Broadcast Antenna Systems and Supporting Structures Siting Protocol

APPENDIX A

TELECOMMUNICATION, RADIOCOMMUNICATION AND BROADCAST ANTENNA SYSTEMS (ANTENNA SYSTEMS)

SITING PROTOCOL

1. PURPOSE

This Appendix serves as the protocol for the installation and modification of telecommunication, radiocommunication and broadcasting antenna systems (antenna systems) in Lethbridge County. The protocol establishes the procedural standard for public participation and consultation that applies to proponents of antennas systems and identifies Lethbridge County's preferred development and design standards.

2. APPLICABILITY

The federal Minister of Industry is the approval authority for the development and operation of antenna systems, pursuant to the *Radiocommunication Act*. Innovation, Science, and Economic Development Canada recognizes the importance of considering input from local Land Use Authorities and the public regarding the installation and modification of antenna systems and encourages Land Use Authorities to establish a local protocol to manage the process of identifying and conveying concerns, questions, and preferences to the proponent of an antenna system and Innovation, Science, and Economic Development Canada.

The local protocol established in this Appendix applies to any proposal to install or modify a telecommunication, radiocommunication or broadcast antenna system within Lethbridge County which is not excluded from the consultation requirements established by Innovation, Science, and Economic Development Canada in *Client Procedures Circular CPC-2-03* [or subsequent/amended publications]. Proponents of excluded antenna systems are nevertheless encouraged to contact Lethbridge County to discuss the proposal and identify any potential issues or concerns and give consideration to the development and design standards in Section 5 of this Appendix.

(1) Antenna Systems Siting Protocol **Exclusion List**:

Innovation, Science, and Economic Development Canada has determined that certain antenna structures are considered to have minimal impact on the local surroundings and do not require consultation with the local Land Use Authority or the public. Innovation, Science, and Economic Development Canada's publication, *Radiocommunication and Broadcast Antenna Systems CPC-2-0-03* lists the types of antenna installations exempted from the requirement to consult with the local Land Use Authority and the public. The installations listed in CPC-2-0-03 are therefore

excluded from the municipal Land Use Bylaw, Appendix A, Telecommunication, Radiocommunication and Broadcast Antenna Systems and Supporting Structures Siting Protocol, which currently include:

- (a) *New Antenna Systems*: where the height is less than 15 metres above ground level. This exclusion does not apply to antenna systems proposed by telecommunications carriers, broadcasting undertakings or third party tower owners;
- (b) *Existing Antenna Systems*: where modifications are made, antennas added or the tower replaced*, including to facilitate sharing, provided that the total cumulative height increase is no greater than 25% of the height of the initial antenna system installation.** No increase in height may occur within one year of completion of the initial construction. This exclusion does not apply to antenna systems using purpose built antenna supporting structures with a height of less than 15 metres above ground level operated by telecommunications carriers, broadcasting undertakings or third party tower owners;
- (c) *Non-Tower Structures*: antennas on buildings, water towers, lamp posts, etc. may be excluded from consultation provided that the height above ground of the non-tower structure, exclusive of appurtenances, is not increased by more than 25% and
- (d) *Temporary Antenna Systems*: used for special events or emergency operations and must be removed within three months of the start of the emergency or special event.

No consultation is required prior to performing maintenance on an existing antenna system.

Proponents, who are not certain if their proposed structure is excluded, or whether consultation may still be prudent, are advised to contact the Lethbridge County or Innovation, Science, and Economic Development Canada for guidance.

** The exclusion for the replacement of existing antenna systems applies to replacements that are similar to the original design and location.*

*** Initial antenna system installation refers to the system as it was first consulted on, or installed.*

[Note: Height is measured from the lowest ground level at the base, including the foundation, to the tallest point of the antenna system. Depending on the particular installation, the tallest point may be an antenna, lightning rod, aviation obstruction lighting or some other appurtenance. Any attempt to artificially reduce the height (addition of soil, aggregate, etc.) will not be included in the calculation or measurement of the height of the antenna system.]

3. MUNICIPAL REVIEW AND ISSUANCE OF CONCURRENCE OR NON-CONCURRENCE

- (a) The Lethbridge County Development Authority shall be responsible for reviewing and issuing municipal concurrence or non-concurrence for all antenna system proposals within Lethbridge County which are not excluded under Section 2 of this Appendix.
- (b) Concurrence with a proposal will be measured against the requirements of the applicable land use district within which the antenna system is proposed, the development and design standards in Section 5 of this Appendix, applicable policies of the Lethbridge County Municipal Development Plan, and consideration of comments received during the public consultation

process (section 7 of this Appendix) and any other matter deemed relevant by the Development Authority:

- i. when a proposal is given a concurrence decision, the proponent will receive a letter of concurrence from the Development Authority documenting its decision and any conditions;
 - ii. when a proposal is given a non-concurrence decision, the proponent will receive a letter of non-concurrence from the Development Authority describing the reasons for the decision.
- (c) Municipal concurrence does not constitute approval of uses, buildings and structures which require issuance of a development permit under the Land Use Bylaw. A proposal which includes uses, buildings or structures in addition to the antenna system, is required to obtain development permit approval for such uses, buildings and structures in accordance with the provisions of the Land Use Bylaw.

4. MUNICIPAL REVIEW PROCESSING PERIOD

- (a) Except as provided in subsection 4(b), the Development Authority will issue a decision of either concurrence or non-concurrence within 40 days of receiving a complete application package.
- (b) The 40-day processing time period may be extended by the proponent or Lethbridge County, through mutual consent.

5. DEVELOPMENT AND DESIGN STANDARDS

Lethbridge County requests that the following antenna systems development and design standards be adhered to:

(a) Co-utilization

Co-utilization of existing antenna systems is the preferred option within Lethbridge County and is encouraged whenever feasible. Lethbridge County recognizes that while this is the preferred option, co-utilization of existing antenna systems is not always possible.

(b) Public Roadway Setbacks

Rural:

- i. In order to facilitate future widening/service road dedication and reduce potential snow drifting/sight restrictions, an antenna system (excluding any guy wires or similar support mechanisms) should be placed no closer than 38.1 metres (125 ft.) from the centre line of a rural road. A lesser setback may be considered at the discretion of the Development Authority on a site-specific basis.

Hamlet:

- ii. An antenna system (including any guy wires or similar support mechanisms) proposed within a hamlet should be placed no closer than 7.62 metres (25 ft.) from the property line abutting the public road. A lesser setback may be considered at the discretion of the Development on a site-specific basis.

(c) Locational Criteria

- i. Antenna systems should maintain an adequate setback from coulees and steep slopes, consistent with the setback requirements in Part 3, section 39.

- ii. Proponents should consult the Lethbridge County Municipal Development Plan, to determine whether the proposed location of the antenna system is within an environmentally significant area. If the proposed site of the antenna systems is located within an identified environmentally significant area, the proponent should submit documentation to the Development Authority demonstrating site suitability.

(d) Lighting and Signage

- i. Aerial crop spraying is a regular occurrence in Lethbridge County and vital to the Municipal Development Plan goal of supporting agricultural pursuits. While aerial crop sprayers are encouraged to undertake comprehensive site reconnaissance, it is the preference of Lethbridge County that all antenna systems be lighted and marked as follows to help minimize aeronautical hazard:
 - a. the antenna should be marked with alternating bands of aviation orange and white paint or other approved Transport Canada colour combinations;
 - b. the top of the antenna should be lit with a flashing strobe light or other Transport Canada approved lighting;
 - c. the antenna guy wires (or other similar support cables, lines, wires) should be marked with aviation balls or other Transport Canada approved markers.
- ii. Proponents for antenna structures which are visible from higher density residential areas may be requested to employ innovative design measures to mitigate the visual impact of these structures. The proponent shall provide stealth structure options when requested by the Municipality. Stealth structure options will be based on an evaluation of the massing, form, colour, material, and other decorative elements, that will blend the appearance of the facility into and with the surrounding lands.
- iii. The placement of signage on antenna systems is not permitted, except where required by applicable federal agencies.

6. APPLICATION SUBMITTAL REQUIREMENTS

- (a) Proponents are encouraged to contact Lethbridge County in advance of making their submission to obtain information about the County's Antenna Systems Siting Protocol and identify any preliminary issues or concerns.
- (b) The following application package shall be submitted to Lethbridge County for consideration of a proposed antenna system:
 - i. a completed Telecommunication Antenna Siting Protocol application, including site plan;
 - ii. the prescribed fee – see Appendix C;
 - iii. a description of the type and height of the proposed antenna system and any guy wires or other similar support mechanisms (e.g. support cables, lines, wires, bracing);
 - iv. the proposed lighting and aeronautical identification markings for the antenna and any supporting structures;
 - v. documentation regarding potential co-utilization of existing towers within 800 metres (0.5 miles) of the subject proposal; and
 - vi. any other additional information or material the Development Authority determines to be necessary and appropriate to properly evaluate the proposed submission.

- (c) Proposals for freestanding telecommunication antennas shall not be required to obtain a development permit unless buildings or structures are also proposed in addition to the antenna system and supporting structures. For such proposals, the following shall be submitted in addition to the requirements of 6(b):
 - i. a completed development permit application;
 - ii. the prescribed fee – see Appendix C.

7. NOTIFICATION AND PUBLIC CONSULTATION PROCESS

- (a) Upon receipt of an application package, the Development Authority shall review the application for completeness and, if deemed complete, will:
 - i. schedule a date for a public development hearing to be held by the Development Authority, at which the proposal will be reviewed and comment received regarding the proposal;
 - ii. notify the proponent and/or representative of the antenna system of the development hearing date;
 - iii. post a notice of the development hearing in a newspaper in accordance with Section 32(1)(b) of the Land Use Bylaw; and
 - iv. notify by mail persons likely to be affected by the proposal of the development hearing date, including:
 - a. landowners within 1.61 km (1 mile) of the proposed antenna system;
 - b. any review agencies deemed affected, as determined by the Development Authority;
 - c. any other persons deemed affected, as determined by the Development Authority.
 - d. The notifications must be sent 19 days prior to the public meeting date.
- (b) The proponent or a representative should attend the development hearing and be prepared to explain all aspects of the proposal including the siting, technology, and appearance of the proposed antenna system.



TELECOMMUNICATION SITING PROTOCOL APPLICATION & CHECKLIST

For Office Use Only:	Date application received:	Date deemed complete:	Land Use District (zoning):	Development permit application also required:
				<input type="checkbox"/> Yes <input type="checkbox"/> No Application No:

PART 1 – APPLICANT INFORMATION

Name of Applicant (please print): _____ **Phone (primary):** _____

Mailing Address: _____ **Phone (alternate):** _____

_____ **Fax:** _____

_____ **Email:** _____

Postal Code: _____ Check this box if you would like to receive documents through email.

As applicant, are you the owner of the property? Yes No

↓
IF "NO" please complete box below

Name of Owner: _____ **Phone (primary):** _____

_____ **Phone (alternate):** _____

Mailing Address: _____ **Applicant's interest in the property:**

_____ Agent

_____ Antenna proponent/developer

_____ Contractor

_____ Tenant

_____ Other _____

Postal Code: _____

PART 2 – PROPERTY INFORMATION

Municipal Address: _____

Legal Description: All/Part _____ ¼ Section _____ Twp _____ Range _____ W4M

Lot(s) _____ Block _____ Plan _____

Parcel size/area: _____

What is the existing use on the parcel?



Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

TELECOMMUNICATION SITING PROTOCOL APPLICATION & CHECKLIST

PART 3 – DETAILS OF THE PROPOSED DEVELOPMENT

What currently exists on the parcel? (i.e. buildings, structures, improvements) _____

What will the antenna / tower be used for? _____

Are there any roads or approaches on the parcel? (THIS DOES NOT INCLUDE OIL/GAS FACILITY ACCESSES) _____

Are there any other antenna towers located within 800 metres of the subject proposal? (If yes, describe what the tower is used for and who the operator is along with providing a map identifying the location.) _____

Is Co-utilization with existing antenna systems proposed? _____

Describe the proposed finish/color and if lighting or any markings are proposed for the antenna. _____

TOWER SIZE

Overall tower height _____ m ft Commencement Date: _____

DECLARATION OF APPLICANT/AGENT

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application.

APPLICANT

REGISTERED OWNER (if not the same as applicant)

Please note that all information that you provide will be treated as public information in the course of the municipality's consideration of the development application pursuant to the MGA RSA 2000 Chapter M-26 and the Land Use Bylaw. By providing this information, you are deemed to consent to its public release. Information you provide will only be used for purposes related to the evaluation and consideration of the development application. Questions about information can be directed to the FOIP Coordinator, #100, 905 - 4 Ave S, Lethbridge, AB T1J 4E4, 403-328-5525.

I, hereby consent to the public release and disclosure of all information contained within the application and supporting documentation as part of the approval process.

Applicant's Signature: _____ Date Signed: _____



TELECOMMUNICATION SITING PROTOCOL APPLICATION & CHECKLIST

TELECOMMUNICATION SITING PROTOCOL CHECKLIST

A COMPLETED APPLICATION REQUIRES:

1. A completed Telecommunication Siting Protocol application filled out, with the site plan attached.
2. A completed checklist.
3. Non-refundable application fee.
4. Signature of ALL landowners.
5. Any additional information requested by the Development Authority.
6. For any proposal which includes uses, buildings or structures in addition to the antenna system, is required to obtain a development permit approval for such uses, buildings and structures in accordance with the provisions of the land use bylaw. A separate development permit application must be filled out and submitted.

CHECKLIST INFORMATION:

- Failure to complete the Application or supply the required information, plans or fees may cause delays in application processing.
- The Development Authority may refuse to accept your application if the required information has not been supplied or if the quality of the information is inadequate to properly evaluate the application.
- Once the information has been reviewed and any required public hearing held, Lethbridge County will either:
 - Issue a municipal concurrence letter to the applicant, or
 - Issue a letter of non-concurrence which outlines the municipality's concerns and/or conditions to the applicant and Industry Canada
- Safety code permits may be required for construction of buildings/tower foundations, plumbing, private sewage systems, and gas or electrical installations (as may be applicable to individual installations).

FEES

Application fees will be determined by the Lethbridge County Development Authority at the time of application.



TELECOMMUNICATION SITING PROTOCOL APPLICATION & CHECKLIST

Telecommunication Siting Protocol **CHECKLIST**

Please attach a description of the project summarizing the information required in the following table.

REQUIREMENT	YES OR NO	SUBMITTED? YES, NO OR N/A
CO-UTILIZATION (CO-LOCATION) – RURAL Are there any other such structures within a radius of 0.5 miles (800 m) of the proposed location?		
If YES , please provide a site plan showing the locations of these and provide documentary evidence that co-utilization of the existing structure(s) is not a viable alternative to a second structure.		
CO-UTILIZATION (CO-LOCATION) – HAMLET, GROUPED COUNTRY RESIDENTIAL OR RESORT RESIDENTIAL Are there any other such structures within a radius of 1 mile (1.61 Km) of the proposed location?		
If YES , please provide a site plan showing the locations of these and provide documentary evidence that co-utilization of the existing structure(s) is not a viable alternative to a second structure.		
STEALTH STRUCTURE OPTIONS/SCREENING Will this structure be visible from residential areas?		
If YES , stealth structure options may be required, and a description of the stealth structure options must be submitted to the satisfaction of the County when requested.		
LIGHTING & SIGNAGE Is there additional lighting planned in addition to what is required by federal agencies? Please provide a description of all lighting, required and not required.		
Will signage be used? If yes, please describe. (Note: No advertising signage shall be permitted.)		
Will the antenna contain any markings? If yes, please describe.		
NOTIFICATION & PUBLIC CONSULTATION PROCESS All landowners within 1 mile (1.61 Km) from the proposed structure must be notified. Please provide a letter that the County can circulate on your behalf.		
Was an open house completed (by the applicant) prior to any application submitted? Are the minutes/submissions from the open house provided?		
Payment of fees.		



APPENDIX B

Forms and Applications



FORM A: DEVELOPMENT PERMIT APPLICATION
 Pursuant to Land Use Bylaw No. 24-007

OFFICE USE		
Application No:	Roll No:	Use: <input type="checkbox"/> Permitted <input type="checkbox"/> Discretionary <input type="checkbox"/> Similar <input type="checkbox"/> Prohibited
Application Fee: \$	Date Paid:	Land Use District: <input type="checkbox"/> Rural Agriculture <input type="checkbox"/> Hamlet Residential <input type="checkbox"/> Urban Fringe <input type="checkbox"/> Hamlet Commercial <input type="checkbox"/> Grouped Country Residential <input type="checkbox"/> Hamlet Industrial <input type="checkbox"/> Rural General Industrial <input type="checkbox"/> Hamlet Public/Institutional <input type="checkbox"/> Business Light Industrial <input type="checkbox"/> Hamlet Direct Control <input type="checkbox"/> Rural Commercial <input type="checkbox"/> Hamlet <input type="checkbox"/> Rural Recreational Transitional/Agricultural <input type="checkbox"/> Direct Control
Application Received /Complete:		
Notification or Advertised Date:	Effective Date:	
Municipal Address Application Submitted: <input type="checkbox"/> Yes <input type="checkbox"/> Not Required		
AER Abandoned well information provided: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Site Plans or drawings Submitted: <input type="checkbox"/> Yes <input type="checkbox"/> No		Site Visit Conducted: <input type="checkbox"/> No <input type="checkbox"/> Yes Date:

1. APPLICANT & LAND INFORMATION

Applicant's Name: _____
 Phone/Cell Phone: _____ Email: _____
 Mailing Address: _____

Registered Owner's Name: _____
 Phone/Cell Phone: _____ Email: _____
 Mailing Address: _____

Applicant's interest in the proposed development if not the registered owner:
 Agent Contractor Tenant Other: _____

Quarter: _____ Section: _____ Township: _____ Range: _____ W4M
 Lot(s) _____ Block: _____ Plan: _____
 Municipal/Street address: _____

* Subject to Municipal Address Bylaw 1315, if there is currently not a municipal address on the parcel a municipal address application must be submitted.

Area of Parcel: _____ Acres _____ Hectares Land Use District: _____

2. DEVELOPMENT INFORMATION

(1) Existing Development

Please list the existing buildings, structures and use(s) on the land. (Please indicate if any are to be removed or relocated.)



FORM A: DEVELOPMENT PERMIT APPLICATION
 Pursuant to Land Use Bylaw No. 24-007

(2) Proposed Development

Please describe the proposed development including uses, buildings, structures, and any planned renovations and additions that are to be constructed on the lot; including the dimensions of each.

For **residential** development please check the applicable box below:

Single-detached dwelling (site built) Manufactured Home 1 Manufactured Home 2
 Single-detached dwelling (Ready-to-move) Semi-detached dwelling
 Moved-in dwelling (previously occupied) Accessory Building/Structure (e.g.: deck/garage/shop)
 Other Dwelling Type: _____ Addition: _____
 Does dwelling application include an attached garage? Yes No

For **non-residential** development please check the applicable box below if the proposed development is for one of the following **AND** complete the supplementary form:

Home Occupation (Form A1) Commercial/Industrial (Form A2) Sign(s) (Form A3) Demolition (with other proposed development) (Form A4)

Building Details

<i>Size/Dimensions</i>	Principal Building or Addition	Accessory Building or Addition	Office Use
Building or Addition Size	<input type="checkbox"/> m ² <input type="checkbox"/> sq. ft	<input type="checkbox"/> m ² <input type="checkbox"/> sq. ft	
Height of Building (grade to peak)	<input type="checkbox"/> m <input type="checkbox"/> ft	<input type="checkbox"/> m <input type="checkbox"/> ft	
Attached Garage Size	<input type="checkbox"/> m ² <input type="checkbox"/> sq. ft	N/A	
<i>Proposed Setbacks from Property Lines</i>	Principal Building	Accessory Building	
Front	<input type="checkbox"/> m <input type="checkbox"/> ft	<input type="checkbox"/> m <input type="checkbox"/> ft	
Rear	<input type="checkbox"/> m <input type="checkbox"/> ft	<input type="checkbox"/> m <input type="checkbox"/> ft	
Side	<input type="checkbox"/> m <input type="checkbox"/> ft	<input type="checkbox"/> m <input type="checkbox"/> ft	
Side	<input type="checkbox"/> m <input type="checkbox"/> ft	<input type="checkbox"/> m <input type="checkbox"/> ft	
Parcel Type: Lot	<input type="checkbox"/> Interior Lot <input type="checkbox"/> Corner		
<i>Development Details: Access & Cost</i>			
Approach or driveway required to the development?	<input type="checkbox"/> No <input type="checkbox"/> Yes (specify)		
Estimated cost of development:			



FORM A: DEVELOPMENT PERMIT APPLICATION
Pursuant to Land Use Bylaw No. 24-007

(3) Exterior Finish, Fencing & Landscaping

- (a) Not applicable to this development
 - (b) Applicable - Describe generally the types, colors, and materials, as applicable, of:
 - Exterior finishes of the proposed building(s): _____
 - Proposed fencing and height: _____
 - Proposed landscaping: _____
- Describe any proposed improvements to the exterior of the dwelling where application is for a previously occupied dwelling (moved-in or manufactured home): _____
- _____

(4) Services

- Indicate the existing or proposed sewer system and potable water supply:
- Sewer System:* Private Septic Municipal Communal *Water Supply:* Cistern Water well Dugout Municipal/Co-op
- (specify): _____ Other (specify): _____
- Other Services:* Indicate as follows: **A**= available **R** = required
- Natural gas () Electricity ()

(5) Details of Vehicle Parking and Access (for commercial/industrial proposals, see supplementary form)

Describe the **number** _____ and **size** _____ of all existing and proposed **parking spaces** _____, and **driveways** _____ on site (or N/A if not applicable).

(Indicate locations of same on a scaled PLOT PLAN.)

(6) Waivers

Is a waiver (variance) to one or more standards in the Land Use Bylaw being requested? No Yes

If yes, please specify: _____

(7) Other - for parcels outside of Hamlet districts (Please indicate to the best of your knowledge)

- (a) Are any of the following within a 1-mile (1.6 km) of the proposed development?
 - Provincial Highway Confined Feeding Operation Sour gas well or pipeline
 - Sewage treatment plant Waste transfer station or landfill
 - (b) Is the proposed development to be situated within 500 metres (1,640 ft.) of an established anhydrous ammonia bulk storage facility? Yes _____ No _____ Don't Know _____
 - (c) Is the development located in proximity of a coulee bank/break/slope? Yes _____ No _____
- If "yes", please provide details on the building sites' setback distance from the front edge of the valley or coulee break (escarpment rim).

Estimated **Commencement** Date: _____ Estimated **Completion** Date: _____



FORM A: DEVELOPMENT PERMIT APPLICATION
Pursuant to Land Use Bylaw No. 24-007

3. DECLARATION OF APPLICANT

I/We have read and understand the terms noted below and hereby apply for a development permit to carry out the development described within this application including any attached supplementary forms, plans, and documents.
I/We hereby certify that the registered owner of the land is aware of, and in agreement with this application.

*Further I/We hereby give my/our consent to allow authorized persons the **right to enter** upon the subject land and/or building(s) for the purpose of an inspection with respect to this application only.*

Date: _____ **Applicant's Signature:** _____

Registered Owner's Signature: _____
(Required, if different from applicant)

2. The Development Authority may deem a development permit application incomplete if any of the application requirements are incomplete or the quality of the information is deemed inadequate to properly evaluate the application.
3. Site plans and building drawings, in sufficient detail to enable adequate consideration of the application, must be submitted with this application, together with a plan sufficient to identify the land. It is desirable that the plans and drawings should be on a scale appropriate to the development. However, unless otherwise stipulated, it is not necessary for plans and drawings to be professionally prepared.
4. Although the Development Officer is in a position to advise applicants of the process and requirements of the development application, such advice must not be taken as official consent, and is without prejudice to the decision in connection with the formal application.
5. Any development started before the issuance of a development permit and expiration of the appeal period is at the applicant's own risk.
6. **If a decision is not made within 40 days** from the date the application is deemed complete, or within such longer period as the applicant may approve in writing, **the applicant may deem the application to be refused** and the applicant may exercise his right of appeal as though he had been mailed a refusal at the end of the 40-day period.
7. A development permit does not constitute a building permit or approval from any provincial or federal department. Construction undertaken after approval of this development permit application may be regulated by the **Alberta Safety Codes**. The applicant/owner/developer assumes all responsibilities pertaining to construction plan submissions, approval and inspections as may be required by the appropriate provincial body. The applicant is responsible for determining and obtaining any other applicable provincial and federal approvals prior to commencement.

*FOIP STATEMENT: Personal information on this form is collected under the authority of section 33(c) of the Freedom of Information and Protection of Privacy (FOIP) Act. The information collected here will be used to by Lethbridge County for the purposes of reviewing the Development Permit application. **This form is a public record that is available to anyone.** All information contained on this form (including personal information) is disclosed by Lethbridge County to anyone requesting a copy in accordance with Lethbridge County Policy No. 173 (Freedom of Information and Protection of Privacy (FOIP)). For further information about the collection and use of this information please contact the Lethbridge County FOIP Coordinator at foip@lethcounty.ca or call (403) 328-5525 or come into the office #100, 905-4th Avenue South, Lethbridge Alberta, T1J 4E4.*



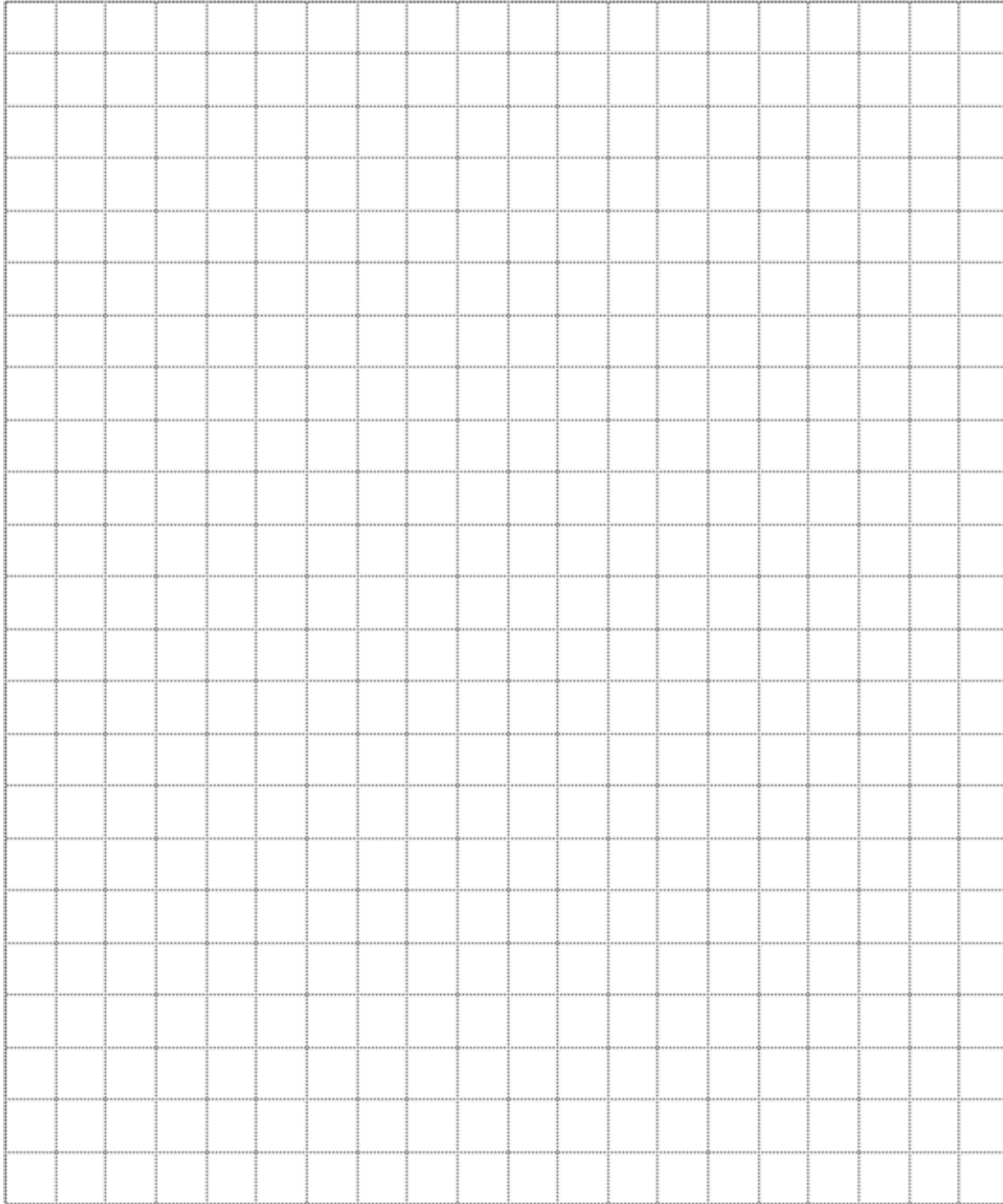
Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM A: DEVELOPMENT PERMIT APPLICATION

Pursuant to Land Use Bylaw No. 24-007

Site Plan

(or attach separate site plan)



(Please draw to scale and indicate north arrow)



FORM A1: HOME OCCUPATION APPLICATION

Supplement to Development Permit Application
Pursuant to Land Use Bylaw No. 24-007

OFFICE USE	
Permit Application No: (to match Form A)	Roll No:
<input type="checkbox"/> Home Occupation 1	<input type="checkbox"/> Home Occupation 2
<input type="checkbox"/> Home Occupation 3	

This supplementary form A1 must be completed in addition to Form A: Development Permit Application if you are applying for a development permit for a Home Occupation.

1. APPLICANT INFORMATION

Applicant's Name: _____ **Phone:** _____

Mailing Address: _____

(1) This business will be an: On-site Business Off-site/Mobile Business

Please attach a site plan or floor plan for the proposed business: Attached Site Plan/Floor plan

Please describe the proposed business including any goods and/or services provided:

(2) Where will the business operate from? In-home Accessory building

(3) Is there another home occupation already operating out of the residence or on the premises? Yes No

(4) Days and hours of operation: _____

Number of non-resident employees: _____ Number of estimated clients/customers per day: _____

How many parking spaces for clients, employees, and deliveries will be available? _____

(5) Will the business involve commercial vehicles/trailers on site in conjunction with the business? No Yes

If yes, describe the use, number, type and size (weight), of all commercial vehicles visiting the site:

(6) Are any outdoor storage areas proposed? No Yes

If Yes, please describe type and amount of items to be stored and indicate location on an attached site plan:

(7) Will there be any flammable or hazardous material on the premises as a result of the business?

No Yes (please list materials and quantity) _____



Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM A1: HOME OCCUPATION APPLICATION

Supplement to Development Permit Application
Pursuant to Land Use Bylaw No. 24-007

(8) Are any signs proposed for the home business? No Yes

If yes, please specify number, type, size and location and indicate on an attached site plan: (for a window sign in residence only, indicate as such in space below)

2. DECLARATION of APPLICANT/OWNER

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application for a Home Occupation. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application.

IMPORTANT: This information may also be shared with appropriate government/other agencies and may also be kept on file by those agencies. The application and related file contents will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP).

Date: _____

Applicant's Signature: _____

Registered Owner's Signature: _____
(if different from applicant)

NOTE:

This Form A1 is supplementary and is in conjunction with a completed Form A: Development Permit Application. Refer to Bylaw No. 24-007 Part 5, section 22 for specific Home Occupation criteria and Standards of development.



FORM A2: COMMERCIAL/INDUSTRIAL APPLICATION

Supplement to Development Permit Application
Pursuant to Land Use Bylaw No. 24-007

OFFICE USE	
Permit Application No: (to match Form A)	Roll No:
Landscaping plan submitted: <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not Required	Storm water management plan submitted: <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not Required
Landscaping security taken: <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not Required	Lot Grading plan submitted: <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not Required

This supplementary form A2 must be completed in addition to Form A: Development Permit Application if you are applying for a development permit for a commercial or industrial development.

1. APPLICANT INFORMATION

(1) Applicant's Name: _____ Phone: _____

Mailing Address: _____

(2) Proposed Use

This application is to: (Check all that apply)

- Construct a new building or structure *(if greater than 500 ft² see abandoned well information section)*
 The building or structure is for:
 - Commercial Use (e.g. retail, sales, service office, food establishment, etc.)
 - Industrial Use (e.g. manufacturing, processing, warehousing, storage, etc.)
- Alter/renovate the existing building *(if greater than 500 ft² see abandoned well information section)*
- Addition to an existing building *(if greater than 500 ft² see abandoned well information section)*
- Construct an accessory building *(if greater than 500 ft² see abandoned well information section)*
- Mixed-use (comprehensive) development in a building or on a parcel of land
- Change in or intensification of use

(3) Describe the proposed use, any changes from existing use, and any work to be done.

(4) Outdoor Storage - is outdoor storage or a display area required or proposed? No Yes
(If yes, indicate locations of same on a scaled PLOT PLAN.)



FORM A2: COMMERCIAL/INDUSTRIAL APPLICATION

Supplement to Development Permit Application
Pursuant to Land Use Bylaw No. 24-007

(5) Parking and Loading Information

(a) Details of Vehicle Parking and Access - Describe the **number** _____ and **size** (dimensions) _____ of all existing and proposed off-street parking spaces, and **driveways/approaches** _____ on site (or N/A if not applicable).

(Indicate locations of same on a scaled PLOT PLAN.)

(b) Loading Areas - Is a dedicated loading space/area proposed? No Yes

If yes, please specify: _____

(Indicate locations of same and building loading doors on a scaled PLOT PLAN.)

(c) Drive-through Uses - For a commercial use, does the proposed development include a drive-through component which requires a dedicated vehicle-stacking lane? No Yes

If yes, please specify: _____

(Indicate locations of same on a scaled PLOT PLAN.)

(6) Servicing Details

Please indicate if the proposed development will require water and sewer for the following (check all that may apply):

- Washroom/kitchen type facilities for staff
- Washroom/ food service facilities for the public
- Car/truck wash
- Processing/manufacturing process
- Food processing
- Other: _____
- No water or sewer services proposed for development (i.e. use entails dry storage, warehousing, etc.)

2. DECLARATION of APPLICANT/OWNER

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application for a commercial/industrial development. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application.

IMPORTANT: This information may also be shared with appropriate government/other agencies and may also be kept on file by those agencies. The application and related file contents will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP).

Date: _____ **Applicant's Signature:** _____

Registered Owner's Signature: _____
(if different from applicant)

NOTE:

This Form A2 is supplementary and is in conjunction with a completed Form A: Development Permit Application. Refer to Bylaw No. 24-007, Parts 4 and 5 for specific regulations and standards of development.



FORM A3: SIGN APPLICATION
Supplement to Development Permit Application
Pursuant to Land Use Bylaw No. 24-007

OFFICE USE	
Permit Application No: (to match Form A)	Roll No:

This supplementary form A3 must be completed in addition to Form A: Development Permit Application if you are applying for a development permit for a sign.

1. APPLICANT INFORMATION

(1) Applicant's Name: _____ Phone: _____

Mailing Address: _____

(2) Type of sign proposed: Permanent Temporary Changes to an existing sign

If temporary:

Date sign will be displayed: _____ Date sign will be removed: _____

(3) Sign type: Freestanding Canopy/projecting Wall mounted Fascia Portable
 Roof mounted Shingle Other (specify): _____

Sign dimensions: _____ Length _____ Width Square footage of proposed sign: _____

Bottom of Sign Height from Ground: _____

Top of Sign Height from Ground: _____

Sign materials: _____

Please attach a site plan identifying the location(s) of the proposed sign(s): Attached Site Plan

(4) Will the sign be illuminated or animated or contain changeable copy? No Yes

If yes, describe the type of illumination or animation: _____

(5) Are there any existing signs on the lot? No Yes

If yes, describe the type, size and height of each existing sign and identify their location(s) on a site plan:

(6) Will the sign be used to advertise off-premises business, products or services? No Yes



Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM A3: SIGN APPLICATION
Supplement to Development Permit Application
Pursuant to Land Use Bylaw No. 24-007

(7) As part of a completed sign permit application, the applicant shall provide:

- (a) **a legible drawing, graphic or illustration (to scale with dimensions) of the proposed sign** which also includes the copy and/or display (text and graphics) that will be on the signage; and
- (b) **a site plan (drawn to scale) indicating the location of the sign** (and all other signs on the premises), on the subject parcel of land.

2. DECLARATION of APPLICANT/OWNER

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application for a sign. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application.

IMPORTANT: This information may also be shared with appropriate government/other agencies and may also be kept on file by those agencies. The application and related file contents will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP).

Date: _____ **Applicant's Signature:** _____

Registered Owner's Signature: _____
(if different from applicant)

NOTE:

This Form A3 is supplementary and is in conjunction with a completed Form A: Development Permit Application. Refer to Bylaw No. 24-007 Part 6 for specific Sign Regulations and standards of development.



Lethbridge County
 #100, 905 - 4th Ave S
 Lethbridge, AB T1J 4E4
 403-328-5525

FORM A4: DEMOLITION PERMIT APPLICATION
 Pursuant to Land Use Bylaw No. 24-007

May be used as a supplement form in conjunction with Form A if demolition is to occur with other proposed development on the land

Date of Application: _____

Date Deemed Complete: _____

OFFICE USE	
Application No.	_____
Land Use District:	_____

APPLICANT INFORMATION

Name of Applicant: _____

Mailing Address: _____

Postal Code: _____

Phone: _____

Phone (alternate): _____

Fax: _____

PROPERTY INFORMATION

Municipal Address of Development: _____

Legal Description: Lot(s) _____ Block _____ Plan _____
 Quarter: _____ Section: _____ Township: _____ Range ____ W4M

What is the existing use? _____

DEMOLITION/REMOVAL INFORMATION

A development permit is required to demolish or remove a building or structure from a site except where exempted by Bylaw No. 24-007 or at the discretion of the Development Authority. The demolition/removal permit process ensures that buildings are dismantled and removed in a safe manner and that the land will be left in a suitable state after removal. The following is not an exhaustive list and the Development Officer may request additional information that is required to assess the application.

STRUCTURES TO BE REMOVED

Description of Building/Structure(s) _____

Type of Work Removal to another site (no demolition) Demolition of building/structure

Building Size _____ m² ft²



Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM A4: DEMOLITION PERMIT APPLICATION
Pursuant to Land Use Bylaw No. 24-007

Height of Building _____
_____ m ft # of storeys _____

DEMOLITION PLAN

Timeframe Expected start date: _____ Expected completion date: _____

Method of Demolition Manual (no heavy equipment) Using heavy equipment Other - please explain _____

Dump Site Location _____

****Note:** Construction debris should be dumped in an approved certified site whenever possible. If that is not possible, approval must be obtained from Alberta Environment.**

Name of Contractor responsible for removal/demolition _____

DECLARATION OF APPLICANT/AGENT

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application for a Development Permit. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application.

IMPORTANT: This personal information is being collected under the authority of Lethbridge County for development. It is protected by the privacy provisions of the Freedom of Information and Protection of Privacy Act. For more information contact the Lethbridge County FOIP Coordinator at 403-328-5525.

APPLICANT

REGISTERED OWNER (if not the same as applicant)

DATE



FORM A4: DEMOLITION PERMIT APPLICATION
Pursuant to Land Use Bylaw No. 24-007

APPLICANT IS RESPONSIBLE FOR:

- Disconnection of all services** including (if applicable):

<input type="checkbox"/> Electrical power	_____	Signature from agency or municipality verifying services disconnected (or attach letter):
<input type="checkbox"/> Natural gas	_____	
<input type="checkbox"/> Telephone cables	_____	
<input type="checkbox"/> Communications cables (includes cable TV)	_____	
<input type="checkbox"/> Water lines	_____	
<input type="checkbox"/> Storm & sanitary sewer	_____	
<input type="checkbox"/> Private Septic	_____	

- On-site consultation with Director of Municipal Services or their designate.** The applicant shall schedule a consultation with the Public Works (municipal services) department a minimum of 72 hours prior to demolition or removal commencing to determine the state of affected public property.

- Final plan for property after building removed or demolished and reclamation complete.** As applicable:
 - Copy of grading plans** if property will be vacant after removal or demolition
 - Complete development application for new development** where building is being replaced

- A completed Development Application.** This form shall accompany a complete development application with the consent of the registered owner and any other required documentation.

- Application Fee and any applicable deposit or security required payable to Lethbridge County.**

****NOTE:** A building permit is also required before proceeding with demolition.



Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM B

**LETHBRIDGE COUNTY
DEVELOPMENT PERMIT**
Pursuant to Land Use Bylaw No. 24-007

Development Application and Permit No: _____

This development permit is hereby issued to:

NAME:

ADDRESS:

In respect of works consisting of:

On land located at: _____ and as described on plans submitted by the applicant.

This permit refers only to works outlined in Development Application No. _____ and is **subject to the conditions contained herein:**

- The _____ is to be located as per the submitted site plan.
- All construction is to comply with the provisions of the Safety Codes Act. This may require Building, Plumbing, Electrical, and Gas permits. (see below)
- Any planned work in the County right-of-way (driveway, approaches, etc.) requires separate approval from the County Director of Municipal Services (call 403-328-5525).

This permit becomes effective the ____ day of _____, unless an appeal pursuant to section 686(1) of the Municipal Government Act is lodged within 21 days.

SIGNED: _____

Development Officer

THIS IS NOT A BUILDING PERMIT

IMPORTANT: (see over)



Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM B

**LETHBRIDGE COUNTY
DEVELOPMENT PERMIT**
Pursuant to Land Use Bylaw No. 24-007

IMPORTANT:

The development outlined above is subject to the following conditions:

- (a) This permit indicates that only the development to which it relates is authorized in accordance with the provisions of the land use bylaw and in no way relieves or excuses the applicant from complying with the land use bylaw or any other bylaw, laws, orders and/or regulations affecting such development.
- (b) This permit, issued in accordance with the notice of decision, is valid for a period of twenty-four (24) months from the date of issue, unless otherwise noted in the conditions of approval. If, at the expiry of this period, the development has not been commenced or carried out with reasonable diligence, this permit shall be null and void.
- (c) If this development permit is issued for construction of a building, the exterior of the building, including painting, shall be completed within twenty-four (24) months from the date of issue of this development permit unless otherwise authorized in the conditions of a development permit.
- (d) The Development Officer may, in accordance with section 645 of the Municipal Government Act, take such action as is necessary to ensure that the provisions of this bylaw are complied with.
- (e) Construction undertaken in accordance with this development may be regulated by the **provincial building requirements and the Alberta Safety Codes**. The applicant/owner/developer assumes all responsibilities pertaining to construction plan submissions, approvals and inspections as may be required by **Alberta Labour**.

CONTACT FOR BUILDING PERMIT AND RELATED SERVICES:

Agency Name	Phone/Fax	Building	Electrical	Plumbing	Gas
Park Enterprises	403-329-3747/ 403-329-8514	Yes	Yes	Yes	Yes

This permit is a public record that is available to anyone. All information contained on this permit (including personal information) is disclosed by Lethbridge County to anyone requesting a copy in accordance with Lethbridge County Policy No. 173 (Freedom of Information and Protection of Privacy (FOIP)). For further information about the collection and use of this information please contact the Lethbridge County FOIP Coordinator at foip@lethcounty.ca or call (403) 328-5525 or come into the office #100, 905-4th Avenue South, Lethbridge Alberta, T1J 4E4.



FORM C: APPLICATION FOR A LAND USE BYLAW AMENDMENT

Pursuant to Land Use Bylaw No. 24-007

OFFICE USE		
Date of Application:	Assigned Bylaw	No.
Date Deemed Complete:	Application & Processing Fee:	\$
<input type="checkbox"/> Redesignation <input type="checkbox"/> Text Amendment	Certificate of Title Submitted:	<input type="checkbox"/> Yes <input type="checkbox"/> No

A refusal is **not** appealable and a subsequent application for amendment involving the same lot and/or the same or similar use may not be made for at least 18 months after the date of refusal. [Refer to Part 1, Sections 54 to 56 of bylaw.]

IMPORTANT NOTE: Although the Development Officer is in a position to advise on the principle or details of any proposals, such advice must not be taken in any way as official consent.

APPLICANT INFORMATION

Name of Applicant: _____

Mailing Address: _____ **Phone:** _____

_____ **Phone (alternate):** _____

_____ **Fax:** _____

Postal Code: _____

Is the applicant the owner of the property? Yes No

↓ IF "NO" please complete box below

Name of Owner: _____ **Phone:** _____

Mailing Address: _____

Postal Code: _____

Applicant's interest in the property:

Agent

Contractor

Tenant

Other _____

PROPERTY INFORMATION

Municipal Address: _____

Legal Description: Lot(s) _____ Block _____ Plan _____

OR Quarter _____ Section _____ Township _____ Range _____



FORM C: APPLICATION FOR A LAND USE BYLAW AMENDMENT

Pursuant to Land Use Bylaw No. 24-007

AMENDMENT INFORMATION

What is the proposed amendment?

Text Amendment

Land Use Redesignation

IF TEXT AMENDMENT:

For text amendments, attach a description including:

- The section to be amended;
- The change(s) to the text; and
- Reasons for the change(s).

IF LAND USE REDESIGNATION:

Current Land Use Designation (zoning): _____

Proposed Land Use Designation (zoning) (if applicable): _____

SITE DESCRIPTION:

Describe the **lot/parcel dimensions** _____ and **lot area/parcel acreage** _____
Indicate the information on a scaled PLOT or SITE PLAN: (0-4 acres at 1" = 20'; 5-9 acres at 1"= 100'; 10 acres or more at 1"=200')

Site or Plot Plan Attached

Conceptual Design Scheme or Area Structure Plan Attached

OTHER INFORMATION:

Section 55 of the *Land Use Bylaw* regulates the information required to accompany an application for redesignation. Please **attach a descriptive narrative** detailing:

- The existing and proposed future land use(s) (i.e. details of the proposed development);
- If and how the proposed redesignation is consistent with applicable statutory plans;
- The compatibility of the proposal with surrounding uses and zoning;
- The development suitability or potential of the site, including identification of any constraints and/or hazard areas (e.g. easements, soil conditions, topography, drainage, etc.);
- Availability of facilities and services (sewage disposal, domestic water, gas, electricity, fire protection, schools, etc.) to serve the subject property while maintaining adequate levels of service to existing development; and
- Access and egress from the parcel and any potential impacts on public roads.

In addition to the descriptive narrative, an Area Structure Plan or Conceptual Design Scheme may be required in conjunction with this application where:

- redesignating land to another district;
- multiple parcels of land are involved;
- four or more lots could be created;
- several pieces of fragmented land are adjacent to the proposal;
- new internal public roads would be required;
- municipal services would need to be extended; or
- required by Council, or the Subdivision or Development Authority if applicable.



FORM C: APPLICATION FOR A LAND USE BYLAW AMENDMENT

Pursuant to Land Use Bylaw No. 24-007

The applicant may also be required to provide other professional reports, such as a:

- geotechnical report; and/or
- soils analysis; and/or
- evaluation of surface drainage or a detailed storm water management plan;
- and any other information described in Part 1, section 55(2) or as deemed necessary to make an informed evaluation of the suitability of the site in relation to the proposed use;

if deemed necessary.

SITE PLAN

Plans and drawings, in sufficient detail to enable adequate consideration of the application, must be submitted in **duplicate** with this application, together with a plan sufficient to identify the land. It is desirable that the plans and drawings should be on a scale appropriate to the development. However, unless otherwise stipulated, it is not necessary for plans and drawings to be professionally prepared. Council may request additional information.

DECLARATION OF APPLICANT/AGENT

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application. *I/We have read and understand the terms noted below and hereby certify that the registered owner of the land is aware of, and in agreement with this application.*

APPLICANT

REGISTERED OWNER (if not the same as applicant)

DATE

IMPORTANT: This information may also be shared with appropriate government/ other agencies and may also be kept on file by the agencies. This information may also be used by and for any or all municipal programs and services. Information provided in this application may be considered at a public meeting. The application and related file content will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP). If you have any questions about the collection of this information, please contact Lethbridge County.

TERMS

1. Subject to the provisions of the Land Use Bylaw No. 24-007 of Lethbridge County, the term "development" includes any change in the use, or intensity of use, of buildings or land.
2. Pursuant to the Municipal Development Plan, an area structure plan or conceptual design scheme may be required by Council before a decision is made.
3. A refusal is not appealable and a subsequent application for redesignation (reclassification) involving the same or similar lot and/or for the same or similar use may not be made for at least 18 months after the date of a refusal.
4. An approved redesignation (reclassification) shall be finalized by amending the land use bylaw map in accordance with section 692 of the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26.

Note: Information provided or generated in this application may be considered at a public meeting.



APPENDIX C

Fees for Permits, Appeals & Amendments

APPENDIX C

FEES FOR PERMITS, APPEALS AND AMENDMENTS TO BYLAW

Appendix C attached hereto is for information purposes only and may be amended from time to time as it does not form part of the Lethbridge County Land Use Bylaw.

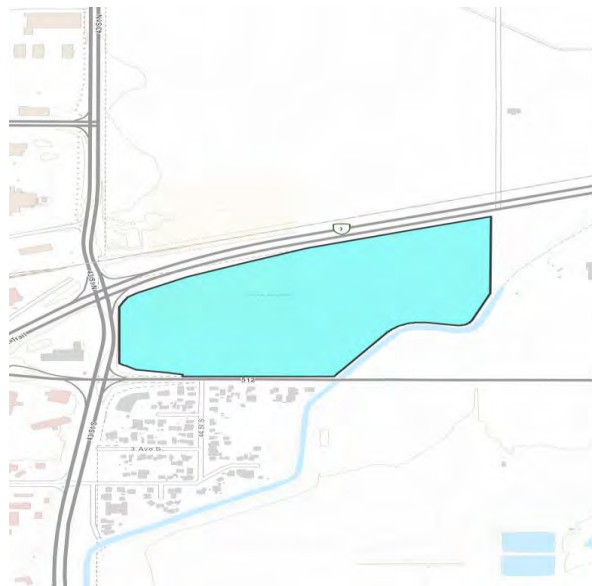
FEES FOR PERMITS, APPEALS AND AMENDMENTS TO BYLAW

1. The fees and charges payable for municipal services and permits related to this Bylaw are provided in the Lethbridge County official municipal *Schedule of Fees Bylaw*. Contact the County Office for the most current listing or go to: www.lethcounty.ca
2. In any case, where the required fee is not listed in the fee schedule, such fee shall be determined by the Designated Officer and shall be consistent with those fees listed in the fee schedule bylaw for similar developments.
3. Where, pursuant to the provisions of this Bylaw, the application will require additional or special notification to affected parties or adjoining property owners, the applicant shall pay a fee in addition to that specified in the fee schedule.
4. Where an application is made to Council for an amendment to this Bylaw:
 - (a) it shall be accompanied by an application fee for each application as specified in the fee schedule bylaw,
 - (b) the cost of advertising for the public hearing on the matter shall be borne by the applicant, and
 - (c) the Council may determine that the whole or any part of the application fee be returned to the applicant.
5. Where an appeal is made to the Subdivision and Development Appeal Board of a decision made by the Development Officer or Subdivision Authority, the appellant shall pay the prescribed appeal fee.

Transportation and Economic Corridors Notice of Referral Decision

Statutory Plan in Proximity of a Provincial Highway

Municipality File Number:		Highway(s):	512, 3, 4
Legal Land Location:	QS-SW SEC-03 TWP-009 RGE-21 MER-4	Municipality:	Lethbridge County
Decision By:	Leah Olsen	Issuing Office:	Southern Region / Lethbridge
Issued Date:	2024-01-25 09:28:23	AT Reference #:	RPATH0039886
Description of Development:	Lethbridge County has completed a review of the Land Use Bylaw and has proposed several amendments as noted in the attached document: <ul style="list-style-type: none"> • The Redline text illustrates major additions or text changes to the bylaw. • The Strike-through text (i.e., crossed-out), illustrates deleted text or relocated text. The objectives of the review and update include: <ul style="list-style-type: none"> - Align with the Lethbridge County Municipal Development Plan and provincial acts and regulations. - Reduce unnecessary regulations. - Clarify existing standards and regulations. - Ensure that all the land use districts are relevant. - Provide a user-friendly document. Please provide any comments no later than January 26, 2024. 		



This will acknowledge receipt of your circulation regarding the above noted proposal. Transportation and Economic Corridors primary concern is protecting the safe and effective operation of provincial highway infrastructure, and planning for the future needs of the highway network in proximity to the proposed development(s).

To that end, the document is well organized and thoroughly covers all the issues that are pertinent when establishing a framework for subsequent land use redesignation, subdivision and development within a plan area. The document would also appear to have been prepared on sound planning principles and development strategies.

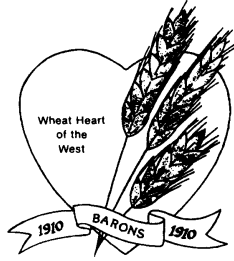
Transportation and Economic Corridors offers the following comments and observations with respect to the proposed development(s):

- Pursuant to Section 618.3(1) of the Municipal Government Act (MGA), the department expects that the municipality will comply with any applicable items related to provincial highways in an ALSA plan if applicable
- Pursuant to 618.4(1) of the Municipal Government Act, the department expects that the Municipality will mitigate the impacts of traffic generated by developments approved on the local road connections to the highway system, in accordance with Policy 7 of the Provincial Land Use Policies.

Please contact Transportation and Economic Corridors through the [RPATH Portal](#) if you have any questions, or require additional information.



Issued by **Leah Olsen, Development and Planning Tech**, on **2024-0125 09:28:23** on behalf of the Minister of Transportation and Economic Corridors pursuant to *Ministerial Order 52/20 – Department of Transportation and Economic Corridors Delegation of Authority*



VILLAGE OF BARONS
P.O. Box 129 Barons, Alberta T0L 0G0 Phone 403-757-3633

January 25, 2024

Attn: Hillary Janzen, RPP, MCIP
Lethbridge County
100, 905 4 Ave. S.
Lethbridge, Alberta
T1J 0P4

Dear Ms. Janzen,

Re: Proposed Amendments to the Lethbridge County Land Use Bylaw

Thank you for the opportunity to review the proposed amendments to Lethbridge County's Land Use Bylaw No. 1404. Intermunicipal referrals strengthen our municipal relationship to mutually benefit both of our communities.

The Village of Barons appreciates the County prohibiting some of the proposed uses from the Barons IDP boundary. Please continue to prohibit Airports, Kennels, Resource Extraction and Associated Works from the Barons IDP boundary.

In order to maintain the same expectations afforded to the Village by the current Rural Urban Fringe – RUF district, we request that *Airstrips, Railway and Railway Related Uses, Dog Training Facilities, and Veterinary Clinics, Large Animal* also be prohibited within the Barons IDP boundary to prevent the possibility of nuisance to Village residents that can occur with these uses.

The Village remains agreeable to the addition of *Single-Detached Moved-In Dwellings* as a permitted use and *Municipal Servicing Installations, Shipping Containers (more than 2), Solar Collectors Individual (ground mount), and Tourist Homes/Short Term Rentals* as discretionary uses with the expectation that intermunicipal referrals will continue to provide the opportunity to consider the impacts of these uses to residents and the Village's future growth.

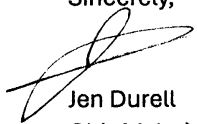
For clarity, we request that *Solar Collectors, Individual* be defined in order to provide certainty around what the use entails. Additionally, we ask that the Village be given a similar consideration as the City of Lethbridge (Part 3(UF), Section 5(3)), with consultation being given to determine special

standards for setbacks where a parcel is adjacent to the Village Boundary. Suggested wording is below:

Where any parcel or part of a parcel is adjacent to the boundary of an adjacent municipality, special standards for setbacks, access, and service roadways may be required in consultation with the affected municipality; or, as stipulated in any intermunicipal agreement or intermunicipal development plan adopted between the two municipalities.

Should you have any questions about the Village's preferences please contact me at your earliest convenience.

Sincerely,



Jen Durell
Chief Administrative Officer

January 18, 2024

Lethbridge County
905 4th Ave S
Lethbridge, AB T1J 4E4

RE: Proposed Update and Amendments to the Lethbridge County Land Use Bylaw
- City of Lethbridge Comments

The City of Lethbridge appreciates the opportunity to provide comments to Lethbridge County regarding the latest proposed updates and amendments to the County's Land Use Bylaw (LUB). A review has been undertaken and the City of Lethbridge offers the following comments:

- The existing LUB includes a section in the LUF district (6. (3)) that states, "a kennel or breeding facility shall not be located within 304.8 metres (1,000 ft.) of a neighbouring residential building." This section has been eliminated in the new UF district. We would like for this section to be included in the new UF district as it is written in LUF district (6. (3)) in the existing LUB in regard to Lethbridge.
- The new UF district discusses "isolated country residential development" under Section 13, however this is not defined in the LUB. The City of Lethbridge would like to see a definition of this included in the LUB.
- The new UF district includes two sections for Development Application Referrals (Sections 15 & 18). It is suggested that these two sections be merged into one section in the UF district.
- Section 19 of the new UF district states that, "applications for bylaw amendments to redesignate a parcel of land from the Urban Fringe to another land use district shall be forwarded to the affected adjacent urban municipality for comments..." Under Section 2.4 of the City of Lethbridge and Lethbridge County Intermunicipal Development Plan, the City is circulated LUB amendments that are within the Intermunicipal Plan Area, regardless if the parcel is adjacent or not. This section should be reworded to remove the word "adjacent" to avoid confusion, particularly regarding Lethbridge.
- The Rural General Industrial (RGI) district has a number of new uses that are proposed to be added to it. Some of these uses, such as Anhydrous Ammonia Storage/Facilities and Chemical Processing and Storage are hazardous. This is a significant point of apprehension for the City of Lethbridge, as there are a number of

parcels in the County that are currently zoned as RGI that are in close proximity to the City boundary. In some cases there is existing industrial development in the City that is in close proximity to these RGI parcels, while in others there is residential development that is planned to be extended to the City boundary in the future. We recognize that Part 5, Section 18 of the updated LUB discourages Hazardous Industries such as these from locating within 4.8 km of the City boundary and also from being adjacent to waterbodies. However the City of Lethbridge is concerned that this language would still potentially allow for these uses to be approved within close proximity to the City or the source of the City's water supply (The Oldman River) and asserts that these uses should instead be prohibited in proximity to the City.

We propose that the updated RGI district include language that states that the uses of Anhydrous Ammonia Storage/Facilities and Chemical Processing and Storage be prohibited within a minimum of 4.8 km of the City of Lethbridge boundary. This is similar to what the updated LUB proposes in the UF district for other municipalities in regard to other uses such as Airstrips and Kennels (see UF district, Section 4). We also propose that text be added to Part 5, Section 18 of the LUB which states that hazardous or noxious uses shall be prohibited within 4.8 km of the Lethbridge City Boundary, instead of merely discouraged.

- One of the new uses that has been added to the RGI district is "Industrial Processing and Manufacturing" as a discretionary use, however this use is not defined in the LUB. The uses of "Light Industrial Processing and Manufacturing" and "Heavy Industrial Processing and Manufacturing" are defined in the LUB. Is it intended for the RGI district to allow for both "Light Industrial Processing and Manufacturing" and "Heavy Industrial Processing and Manufacturing" as discretionary uses? If so, both of these uses should be included in place of "Industrial Processing and Manufacturing" in order to match the defined land uses in the LUB.

"Heavy Industrial Processing and Manufacturing" should be also prohibited within a minimum of 4.8 km of the City of Lethbridge boundary, similar to how we have proposed that Anhydrous Ammonia Storage/Facilities and Chemical Processing and Storage be prohibited in the point above.

- The uses of Recycling Oil Depots and Recycling Soils are proposed to be added to the RGI district, however they are not defined in the LUB. What activities do these uses entail? Depending upon the activities and scale of operations, the City of Lethbridge may have further comments. These and a few other uses found in the LUB are not defined. To avoid confusion it would be better to ensure that every land use that is described in the various districts of the LUB is defined.

We also have the following general comments:

- At some point after the updates to the LUB are approved, the City of Lethbridge would like to engage the County regarding land use at the Airport.
- We note the addition of "vacant parcels" to the use of "Personal Workshop and Storage" in the proposed UF district and would like to ensure that such uses do not eventually evolve into commercial enterprises.
- Some of the definitions that are used in the LUB are very similar to one another (i.e. Group Care Facility – Group Home Facility, Retail Sale or Use – Retail Store, Equestrian Facility – Riding Academies and Arenas etc.). Could these be narrowed down or simplified?

Please also note that the City of Lethbridge/Lethbridge County Intermunicipal Development Plan will need to be amended at some point after the updated LUB is adopted in order to reference the new proposed UF district instead of the LUF district.

Please contact myself at 403-320-3928 or tyson.boylan@lethbridge.ca if you have further questions or would like to meet to further discuss.

Regards,



Tyson Boylan, RPP, MCIP
Senior Community Planner
City of Lethbridge

cc: Maureen Gaehring, Jason Price, Angie Olsen & Joel Sanchez

January 25, 2024

Attn: Hillary Janzen, RPP, MCIP
Lethbridge County
100, 905 4 Avenue South
Lethbridge, Alberta
T1J 0P4

Dear Ms. Janzen,

Re: Proposed Amendments to the Lethbridge County Land Use Bylaw 1404

Thank you for the opportunity to review the proposed amendments to Lethbridge County's Land Use Bylaw No. 1404. Intermunicipal referrals strengthen our municipal relationship to mutually benefit both of our communities.

The Town of Coalhurst appreciates the County prohibiting some of the proposed uses from the Coalhurst – Lethbridge County Intermunicipal Development Plan (IDP) boundary found in the former Lethbridge Urban Fringe District. The Town supports the prohibition of **Airports, Airstrips, Kennels, Resource Extraction and Associated Works, and Railway and Railway Related Uses** on lands within the IDP boundary.

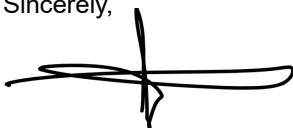
The Town remains agreeable to the addition of **Single-Detached Moved-In dwellings** as a permitted use and **Municipal Servicing Installations, Shipping Containers (more than 2), Solar Collectors Individual (ground mount), and Tourist Homes/Short Term Rentals** as discretionary uses with the expectation that intermunicipal referrals will continue to provide the opportunity to consider the impacts of these uses to residents and the Town's future growth. We would encourage the County to amend the definition for **Municipal Servicing Installations** to include the former uses of **Sewer Disposal Plants and Lagoons** and **Water Treatment Plants Reservoirs** in the definition.

We would request that the County consider adding the following to Section 4 of the Urban Fringe District for the purpose of requiring additional setbacks for developments directly adjacent to the Town boundary:

4(3) Any use proposed on parcels of land directly adjacent to the corporate boundary of a municipality may have special requirements for setbacks to property line through direct consultation with the affected municipality or as stipulated in any intermunicipal agreement or intermunicipal development plan adopted between the two municipalities."

Should you have any questions about the Town's preferences please contact me at your earliest convenience.

Sincerely,



Shawn Patience
Chief Administrative Officer

100 51 Avenue PO Box 456, Coalhurst, AB T0L 0V0
Ph: (403) 381-3033 www.coalhurst.ca

From: [Shawn Hathaway](#)
To: [Hilary Janzen](#)
Subject: RE: Lethbridge County Land Use Bylaw Proposed Updates and Amendments
Date: Tuesday, January 16, 2024 11:32:47 AM
Attachments: [image001.png](#)

Hilary,

In reviewing the document the County of Warner has no issues with the changes being proposed.

I trust this is satisfactory for you.

Thanks

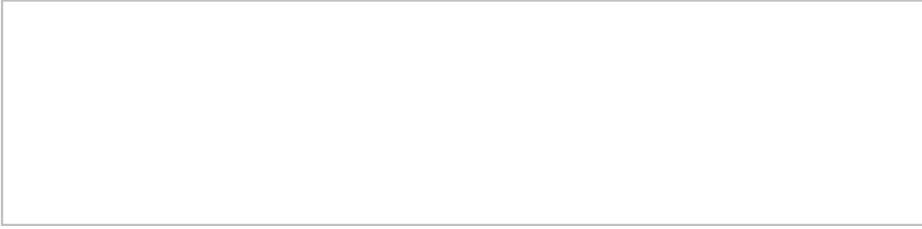
Shawn Hathaway, CLGM
CAO – County of Warner

From: Hilary Janzen <hjanzen@lethcounty.ca>
Sent: Monday, December 18, 2023 3:06 PM
To: Tyson Boylan <Tyson.Boylan@lethbridge.ca>; keith@picturebutte.ca; cao@nobleford.ca; Coalhurst - Town <CAO@coalhurst.ca>; cao@barons.ca; Hailey Winder <hailey.winder@coaldale.ca>; Taber MD Brian <BPeers@mdtaber.ab.ca>; 'Cindy Chisholm' <cindyc@mdwillowcreek.com>; anne.erickson@vulcancounty.ab.ca; Shawn Hathaway <SHathaway@warnercounty.ca>; Michelle Taylor <michelle.taylor@pallisersd.ab.ca>; Mazutinec, Darren <darren.mazutinec@westwind.ab.ca>; Cardston County Admin <office@cardstoncounty.com>; LNID (lnid@telus.net) <lnid@telus.net>; SMRID (lpark@smrid.ab.ca) <lpark@smrid.ab.ca>; Holy Spirit School Division (SampsonK@holyspirit.ab.ca) <sampsonk@holyspirit.ab.ca>; wilco.tymensen@horizon.ab.ca
Cc: Steve Harty <stevharty@orrsc.com>
Subject: Lethbridge County Land Use Bylaw Proposed Updates and Amendments

Good morning,
Lethbridge County has completed a review of the Land Use Bylaw and has proposed several amendments as noted in the attached document.

Please provide any comments no later than January 26, 2024.

Thank you,



Hilary Janzen

From: Jazlyn Pedersen <JPedersen@mdtaber.ab.ca>
Sent: Monday, January 15, 2024 10:53 AM
To: Hilary Janzen
Cc: Brian Peers; Tom Anderson
Subject: Lethbridge County- IDP Referral- Proposed Land Use Bylaw Amendments

Good morning 😊

Please see the attached correspondence regarding Lethbridge County IDP Referral for Proposed Land Use Bylaw Amendments :

Item : Other Business - Lethbridge County - Proposed Land Use Bylaw Amendments - Request for Comment

Moved By : Brian Hildebrand

RESOLUTION # 2024-0-019 : That the Subdivision and Development Authority authorizes Administration to respond to the Lethbridge County advising there are no concerns regarding the proposed Land Use Bylaw Amendments.

CARRIED

Let me know if you have any questions or concerns on this – Have a great day & Stay warm out there!!

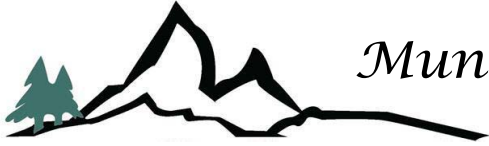
Jazlyn Pedersen | Municipal District of Taber

Community Services Coordinator
O 403.223.3541 ext. 102
F 403.223.1799

4900B - 50th Street | Taber, AB | T1G 1T2
www.mdtaber.ab.ca

This communication is intended for the use of the recipient to which it is addressed, and may contain confidential, personal, and or privileged information.

Please contact me immediately if you are not the intended recipient of this communication. Do not copy, distribute, or take action relying on it. Any communication received in error, or subsequent reply, should be deleted or destroyed.



Municipal District of Willow Creek

Office of the Administrator

www.mdwillowcreek.com
273129 Secondary Highway 520
Claresholm Industrial Area
Box 550, Claresholm Alberta T0L 0T0

Office: (403) 625-3351
Fax: (403) 625-3886
Shop: (403) 625-3030
Toll Free: 888-337-3351

January 12, 2024

Lethbridge County
c/o Hilary Janzen, Manager of Planning & Development
905 – 4th Ave S
Lethbridge, AB
T1J 4E4
hjanzen@lethcounty.ca

RE: Land Use Bylaw – update and amendments

In reference to the above, the MD of Willow Creek No. 26 received the external notification of proposed Land Use Bylaw update and amendments. The Municipal Council acknowledge the Intermunicipal Development Plan (IDP) between Lethbridge County and the MD of Willow Creek No. 26 (Bylaw 19-014 and Bylaw No. 1831), and the requirement of notification pursuant to the IDP 4.2 Referral Policies, Land Use Bylaws 4.2.9

The Municipal District of Willow Creek have no comments.

The M.D. of Willow Creek thank you for the notification and opportunity to comment. If you any questions, please call (403) 625-3351, extension 235 or email at chisholm@mdwillowcreek.com

Thank you

(VIA EMAIL ONLY)

Cindy Chisholm
Director of Planning and Development

From: [Joseph Hutter](#)
To: [Hilary Janzen](#)
Subject: RE: Lethbridge County Land Use Bylaw Proposed Updates and Amendments
Date: Thursday, January 25, 2024 12:23:34 AM
Attachments: [image003.jpg](#)

Hi Hilary:

Please see my comments below in regards to the proposed amendments to the Urban Fringe District:

- The Town should be afforded the same protections from previously prohibited uses. We request that “Kennels”, “Airstrips” and “Railways and Railway Related uses” be added to Section 2 (4) as uses that are prohibited in the Urban Fringe around the Town;
- We request that an additional setback be added to Section 4 (2) “Special Setback Requirements” which would consider increasing the 20 foot setback referred to in Section 4 (1) to be greater in situations in which a proposed development is directly adjacent to the Town Boundary; and
- Lastly, we request that the Town be included in Section 5 (3), as opposed to solely including the City of Lethbridge.

Thank you,

Joseph (Joe) Hutter, MPP, CLGM
Chief Administrative Officer

From: Hilary Janzen <hjanzen@lethcounty.ca>
Sent: December 18, 2023 3:06 PM
To: Tyson Boylan <Tyson.Boylan@lethbridge.ca>; keith@picturebutte.ca; Joseph Hutter <cao@nobleford.ca>; Coalhurst - Town <CAO@coalhurst.ca>; cao@barons.ca; Hailey Winder <hailey.winder@coaldale.ca>; Taber MD Brian <BPears@mdtaber.ab.ca>; 'Cindy Chisholm' <cindyc@mdwillowcreek.com>; anne.erickson@vulcancounty.ab.ca; Shawn Hathaway <SHathaway@warnercounty.ca>; Michelle Taylor <michelle.taylor@pallisersd.ab.ca>; Mazutinec, Darren <darren.mazutinec@westwind.ab.ca>; Cardston County Admin <office@cardstoncounty.com>; LNID (lnid@telus.net) <lnid@telus.net>; SMRID (lpark@smrid.ab.ca) <lpark@smrid.ab.ca>; Holy Spirit School Division (SampsonK@holyspirit.ab.ca) <sampsonk@holyspirit.ab.ca>; wilco.tymensen@horizon.ab.ca
Cc: Steve Harty <steveharty@orrc.com>
Subject: Lethbridge County Land Use Bylaw Proposed Updates and Amendments

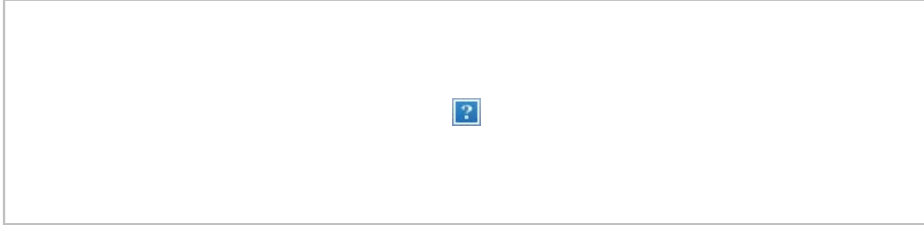
You don't often get email from hjanzen@lethcounty.ca. [Learn why this is important](#)

Good morning,

Lethbridge County has completed a review of the Land Use Bylaw and has proposed several amendments as noted in the attached document.

Please provide any comments no later than January 26, 2024.

Thank you,



March 26, 2024

Lethbridge County Council
905 4th Ave S
Lethbridge, AB T1J 4E4

RE: Proposed Update and Amendments to the Lethbridge County Land Use Bylaw
- City of Lethbridge Comments

The City of Lethbridge appreciates the opportunity to provide a submission to Lethbridge County Council regarding the proposed updated County Land Use Bylaw (LUB). A review has been undertaken and the City of Lethbridge offers the following comments:

- The uses of Anhydrous Ammonia Storage/Facilities and Chemical Processing and Storage are proposed to be added to the Rural General Industrial (RGI) district. This is a significant point of apprehension for the City of Lethbridge, as these uses can have substantial off-site impacts and there are a number of parcels that are currently zoned as RGI in close proximity to the City boundary. In some cases, there is residential development that is planned to be extended to the City boundary in the future.

In addition to the parcels that are currently zoned as RGI, there may also be other parcels in proximity to the City that are rezoned to RGI in the future. This could also potentially impact additional development areas within the City as well.

We propose that the updated LUB prohibit the uses of Anhydrous Ammonia Storage/Facilities and Chemical Processing and Storage from the same area that the City of Lethbridge & Lethbridge County Intermunicipal Development Plan (IDP) area covers. We note that similar prohibitions of specific land uses in the urban fringe areas of other municipalities have been included under section 4 in the proposed UF district. We request the same type of regulation for the uses of Anhydrous Ammonia Storage/Facilities and Chemical Processing and Storage.

- In regard to Hazardous Industries, Part 5, Section 21 of the updated LUB states that, *"The Development Authority shall solicit and consider the comments of an urban municipality before making a decision on a development application which proposes to establish or enlarge a hazardous industry within the boundary or referral area policies in an Intermunicipal Development Plan."*

This section also states that, “*unless otherwise authorized in the bylaw, development of hazardous or noxious uses shall be discouraged:*

(b) within the boundary of an Intermunicipal Development Plan where the plan policies do not allow for such consideration;”

The City of Lethbridge has significant concerns with this text. The current City of Lethbridge & Lethbridge County Intermunicipal Development Plan (IDP) does not address hazardous industries. For the most part, these types of uses were not allowable under the land use districts that were in proximity to the city under the existing LUB when the IDP was drafted. However, this now changes with some of the uses that have been proposed to be added to the RGI district.

We recognize that Part 5, Section 21 of the updated LUB *discourages* Hazardous Industries from locating within the City/County IDP area and that the County will *solicit and consider* the comments of an adjacent urban municipality, however this language still allows for the potential of hazardous uses to be developed in proximity to existing and planned residential neighbourhoods within the city. These neighbourhoods are or will be developed at urban densities and many people could be impacted. The City of Lethbridge strongly advocates that this text be changed to prohibit hazardous uses from the IDP area, instead of being merely discouraged.

- Section 18 of the new Urban Fringe (UF) district states that, “*Applications for bylaw amendments to redesignate a parcel of land from the Urban Fringe to another land use district shall be forwarded to the affected adjacent urban municipality for comments, prior to a decision being made by Council, in accordance with the Intermunicipal Development Plan.*”

We have been informed that the term “adjacent” refers to an urban municipality and Lethbridge County, as opposed to The City of Lethbridge and any parcels that are adjacent to a municipal boundary. However, we suggest that this wording is confusing, as it may be perceived as saying that an adjacent municipality would only be forwarded proposed LUB amendments that are adjacent to the municipal boundary and would be inconsistent with section 2.4 of the IDP which states that the County is to refer LUB amendment applications to the City within the entire IDP area. In order to avoid confusion, we request that Section 18 of the new UF district correct this conflicting statement, possibly by removing the word “adjacent” so that it reads that applications will be forwarded to the “*...affected urban municipality for comments, prior to a decision being made by Council, in accordance with the Intermunicipal Development Plan.*” instead.

Regards,



Tyson Boylan, RPP, MCIP
Senior Community Planner
City of Lethbridge

cc: Maureen Gaehring, Jason Price, Angie Olsen & Joel Sanchez

AGENDA ITEM REPORT



Title: Bylaw 23-014 - Road Closure, Sale and Consolidation- 2nd and 3rd Reading
Meeting: Council Meeting - 04 Apr 2024
Department: Development & Infrastructure
Report Author: Hilary Janzen

APPROVAL(S):

Devon Thiele, Director, Development & Infrastructure
Cole Beck, Chief Administrative Officer

Approved - 19 Mar 2024
Approved - 21 Mar 2024

STRATEGIC ALIGNMENT:



Governance



Relationships



Region



Prosperity

EXECUTIVE SUMMARY:

An application has been made to close and consolidate all of Township Road 9-4A with the adjacent property.

RECOMMENDATION:

- That County Council give second reading to Bylaw 23-014
- That County Council give third reading to Bylaw 23-014

REASON(S) FOR RECOMMENDATION(S):

Bylaw 23-014 has received Ministerial approval.

PREVIOUS COUNCIL DIRECTION / POLICY:

- Policy 109A - Road Allowance Closure and Sale approved by County Council on March 6, 2014 with revisions approved on November 5, 2020.
- Bylaw 23-014 was read for a first time on June 1, 2023.
- The Public Hearing for Bylaw 23-014 was held on July 6, 2023 and County Council approved to send the Bylaw to the Minister of Transportation and Economic Corridors for approval

BACKGROUND INFORMATION:

An application has been made to close all of Township Road 9-4A directly adjacent to the SE 25-9-19-W4 (as shown on the enclosed map). It has been determined that this road is no longer required as part of the Lethbridge County road network and the closure does not impact any other landowners.

If the road closure were successful, the road would be consolidated with the adjacent properties and all the titles will be consolidated onto one title. Alberta Transportation has been circulated with the

proposed road closure and has no objections with the County proceeding with the closure, sale and consolidation.

The Minister of Alberta Transportation and Economic Corridors has approved the road closure and the bylaw can be read for a 2nd and 3rd time.

ALTERNATIVES / PROS / CONS:

County Council may choose to refuse 2nd reading of Bylaw 23-014.

Pros:

- None identified.

Cons:

- The County would forgo the sale revenue.
- The County would have to manage and maintain the road way.

FINANCIAL IMPACT:

The applicant will be required to pay the assessed land value (\$15,000 per acre) for the roadway and prorated rate for the paving of a portion of Township Road 9-4A (\$143,285.350). The total payable amount would be \$232,508.35.

LEVEL OF PUBLIC PARTICIPATION:

- Inform Consult Involve Collaborate Empower

ATTACHMENTS:

[Bylaw 23-014 - Signed by ATEC](#)

[Bylaw 23-014 Road Closure Map](#)

[Road Closure Application](#)

[AT Comments - May 11 2023](#)

[Bylaw 23-014 - Road Closure - McCains](#)

BYLAW NO. 23-014

**OF LETHBRIDGE COUNTY
IN THE PROVINCE OF ALBERTA**

A BYLAW OF **LETHBRIDGE COUNTY** FOR THE PURPOSE OF CLOSING TO PUBLIC TRAVEL AND CREATING TITLE TO AND DISPOSING OF PORTIONS OF A PUBLIC HIGHWAY IN ACCORDANCE WITH SECTION 22 OF THE MUNICIPAL GOVERNMENT ACT, CHAPTER M26, REVISED STATUTES OF ALBERTA 2000, AS AMENDED.

WHEREAS, the lands hereafter described are no longer required for public travel,

WHEREAS, application has been made to Council to have the roadway closed, and;

WHEREAS, the Council of LETHBRIDGE COUNTY deems it expedient to provide for a bylaw for the purpose of closing to public travel certain roads or portions thereof, situated in the said municipality and thereafter creating title to and disposing of same and;

WHEREAS, notice of intention of Council to pass a bylaw has been given in accordance with Section 606 of the Municipal Government Act, and;

WHEREAS, Council was not petitioned for an opportunity to be heard by any person claiming to be prejudicially affected by the bylaw;

NOW THEREFORE BE IT RESOLVED that the Council of LETHBRIDGE COUNTY in the Province of Alberta does hereby close to Public Travel and creating title to and disposing of the following described highways, subject to rights of access granted by other legislation.

**PUBLIC WORKS PLAN 9813399, SERVICE ROAD WITHIN SE 25-9-19-4
CONTAINING 2.41 HECTARES (5.95 ACRES MORE OR LESS)
EXCEPTING THEREOUT ALL MINES AND MINERALS**

GIVEN first reading this 1ST day of JUNE, 2023.


Reeve

Chief Administrative Officer

Public Hearing held on July 6, 2023

Forwarded to the Minister of Transportation on: _____

Approved this 4 day of March, 2024


for Minister of Transportation and Economic Corridors ✓

GIVEN second reading this _____ day of _____, 20____.

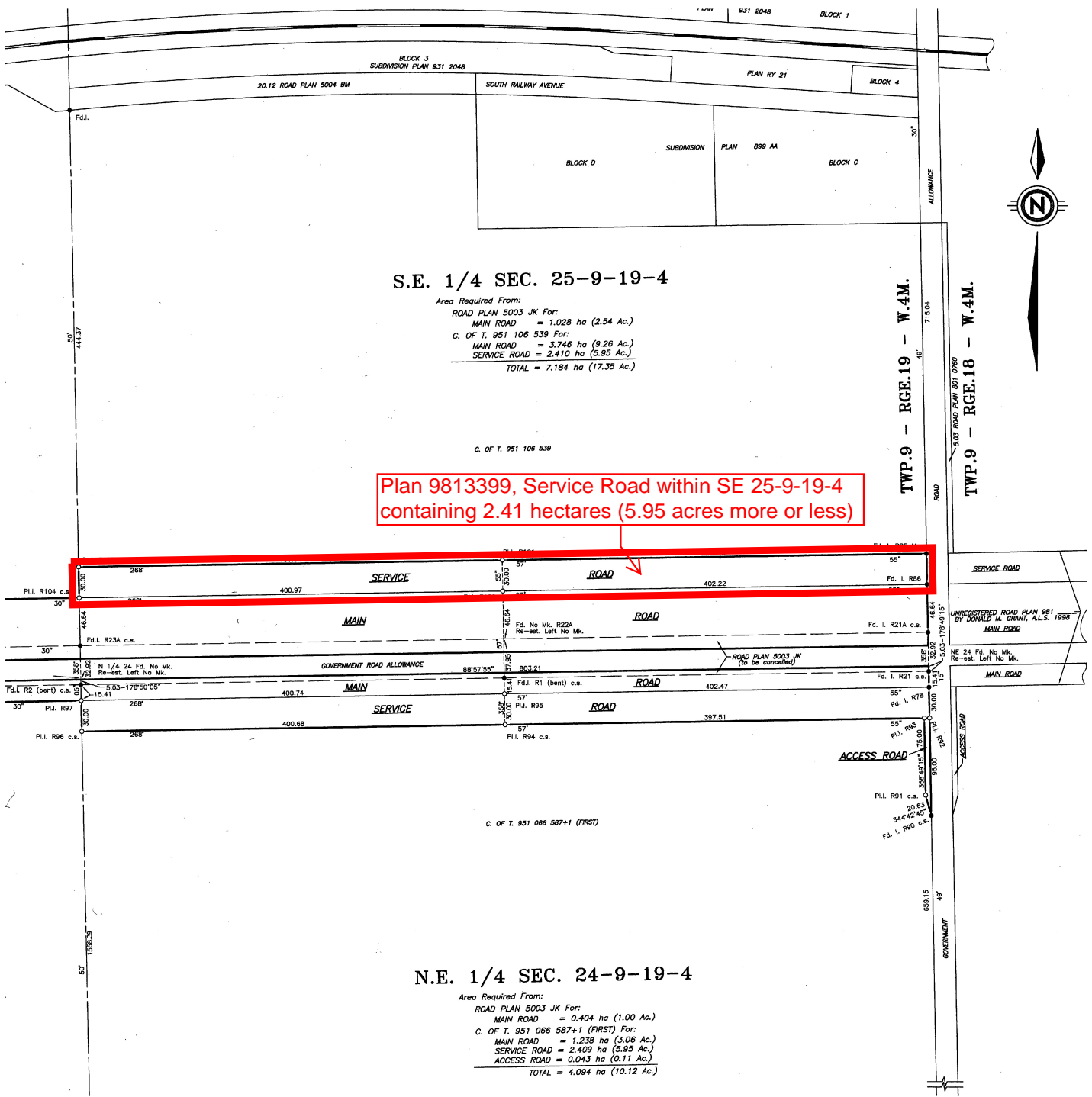
Reeve

Chief Administrative Officer

GIVEN third reading this _____ day of _____, 20____.

Reeve

Chief Administrative Manager



S.E. 1/4 SEC. 25-9-19-4

Area Required From:
 ROAD PLAN 5003 JK For:
 MAIN ROAD = 1.028 ha (2.54 Ac.)
 C. OF T. 951 106 539 For:
 MAIN ROAD = 3.746 ha (9.26 Ac.)
 SERVICE ROAD = 2.410 ha (5.95 Ac.)
 TOTAL = 7.184 ha (17.35 Ac.)

C. OF T. 951 106 539

Plan 9813399, Service Road within SE 25-9-19-4 containing 2.41 hectares (5.95 acres more or less)

N.E. 1/4 SEC. 24-9-19-4

Area Required From:
 ROAD PLAN 5003 JK For:
 MAIN ROAD = 0.404 ha (1.00 Ac.)
 C. OF T. 951 066 587+1 (FIRST) For:
 MAIN ROAD = 1.238 ha (3.06 Ac.)
 SERVICE ROAD = 2.409 ha (5.95 Ac.)
 ACCESS ROAD = 0.043 ha (0.11 Ac.)
 TOTAL = 4.094 ha (10.12 Ac.)





**LETHBRIDGE COUNTY
APPLICATION FOR ROAD CLOSURE**

OFFICE USE		
Date of Application: <u>April 11, 2023</u>	Assigned Bylaw	No. <u>23-014</u>
Date Deemed Complete: <u>April 12, 2023</u>	Application & Processing Fee:	\$ <u>1500.00</u>
	Assessed Value:	\$

APPLICANT INFORMATION

Name of Applicant: Clement Dubois

Mailing Address: One Tower Lane, 11th Floor **Phone:** 312.485.0759
Oakbrook Terrace, IL, USA

Postal Code: 60181 **Email:** clement.dubois@mccain.com

Name of Owner: McCain Foods Limited
(if not the applicant)

Mailing Address: 439 King Street West, 5th Floor **Phone:** 416.955.1700
Toronto, ON, Canada

Postal Code: M5V 1K4 **Email:** clement.dubois@mccain.com

ROAD CLOSURE INFORMATION

The applicant shall provide the following information:

- A map showing proposed road closure area and the applicant’s property,
- Copy of the certificate of title(s) to which the road closure would be consolidated to,
- Legal Description of the proposed Road Closure (acceptable at the Land Titles Office)
- If there are other adjacent landowners provide written confirmation that they have been consulted with on the proposed road closure,
- Provide the reasons for the road closure request, and
- Application fee payment (See Schedule of Fees).

DECLARATION OF APPLICANT/AGENT

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application.

The applicant is responsible for all road closure costs including the road closure application fee, all costs associated with the Transfer of Land (surveying costs, transfer documents, registration, etc.), land purchase costs (based on the assessed value).

Clement Dubois

2023-03-13

APPLICANT

DATE

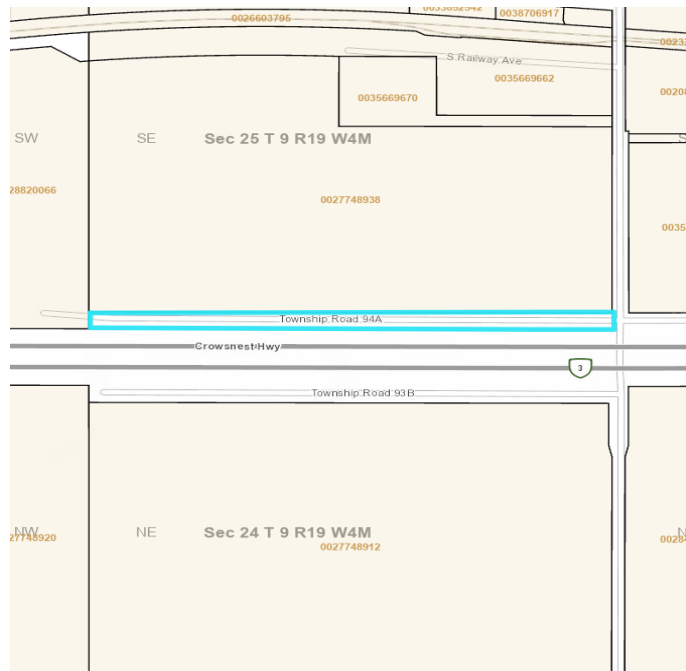
*FOIP STATEMENT: Personal information on this form is collected under the authority of section 33(c) of the Freedom of Information and Protection of Privacy (FOIP) Act. The information collected here will be used to by Lethbridge County for the purposes of reviewing the Road Closure application. **This form is a public record that is available to anyone.** All information contained on this form (including personal information) is disclosed by Lethbridge County to anyone requesting a copy in according with Lethbridge County Policy No. 173 (Freedom of Information and Protection of Privacy (FOIP)). For further information about the collection and use of this information please contact the Lethbridge County FOIP Coordinator at foip@lethcounty.ca or call (403) 328-5525 or come into the office #100, 905-4th Avenue South, Lethbridge Alberta, T1J 4E4.*

Note: Information provided or generated in this application may be considered at a public meeting.

Alberta Transportation and Economic Corridors Notice of Referral Decision

Road Closure Request

Municipality File Number:		Highway(s):	3
Legal Land Location:	QS-SE SEC-25 TWP-009 RGE-19 MER-4	Municipality:	Lethbridge County
Decision By:	Evan Neilsen	Issuing Office:	Southern Region / Lethbridge
Issued Date:	2023-05-11 08:19:33	AT Reference #:	RPATH0034409
Description of Development:	Application has been made to close, sale, and consolidate Township Road 9-4A.		



This will acknowledge receipt of the above referenced road closure application, which is subject to the requirements of the Municipal Government Act.

Following the public hearing, please submit the bylaw package to Alberta Transportation and Economic Corridors through the RPATH Portal, referencing the RPATH number noted above. The hard copy of the road closure package shall be sent directly to:

Road Closure Coordinator
Alberta Transportation and Economic Corridors
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 98 Avenue NW
Edmonton, Alberta T6B 2X3

Additional information is available for road closure by bylaw, or by resolution.

Please contact Alberta Transportation and Economic Corridors through the [RPATH Portal](#) if you have any questions, or require additional information



Issued by **Evan Neilsen**, , on **2023-05-11 08:19:33** on behalf of the Minister of Transportation and Economic Corridors pursuant to *Ministerial Order 52/20 – Department of Transportation Delegation of Authority*

BYLAW NO. 23-014

**OF LETHBRIDGE COUNTY
IN THE PROVINCE OF ALBERTA**

A BYLAW OF **LETHBRIDGE COUNTY** FOR THE PURPOSE OF CLOSING TO PUBLIC TRAVEL AND CREATING TITLE TO AND DISPOSING OF PORTIONS OF A PUBLIC HIGHWAY IN ACCORDANCE WITH SECTION 22 OF THE MUNICIPAL GOVERNMENT ACT, CHAPTER M26, REVISED STATUTES OF ALBERTA 2000, AS AMENDED.

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WHEREAS, notice of intention of Council to pass a bylaw has been given in accordance with Section 606 of the Municipal Government Act, and;

WHEREAS, Council was not petitioned for an opportunity to be heard by any person claiming to be prejudicially affected by the bylaw;

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CONTAINING 2.41 HECTARES (5.95 ACRES MORE OR LESS)
EXCEPTING THEREOUT ALL MINES AND MINERALS**

GIVEN first reading this _____ day of _____, 2023.

Reeve

Chief Administrative Officer

Public Hearing held on _____

Forwarded to the Minister of Transportation on: _____

Approved this _____ day of _____, 20____

Minister of Transportation

GIVEN second reading this _____ day of _____, 20____.

Reeve

Chief Administrative Officer

GIVEN third reading this _____ day of _____, 20____.

Reeve

Chief Administrative Manager

AGENDA ITEM REPORT



Title: Bylaw 24-004 - Re-designate Plan 1611089 Blocks 1 Lot 1 and Plan 1611089 Block 2 Lot 1 from Rural Urban Fringe to Direct Control- First Reading
Meeting: Council Meeting - 04 Apr 2024
Department: Development & Infrastructure
Report Author: Hilary Janzen

APPROVAL(S):

Devon Thiele, Director, Development & Infrastructure
Cole Beck, Chief Administrative Officer

Approved - 13 Mar 2024
Approved - 15 Mar 2024

STRATEGIC ALIGNMENT:



Governance



Relationships



Region



Prosperity

EXECUTIVE SUMMARY:

An application has been made by the Blood Tribe to re-designate Plan 1611089 Blocks 1 Lot 1 and Plan 1611089 Block 2 Lot 1 from Rural Urban Fringe to Direct Control.

RECOMMENDATION:

That Bylaw 24-004 be read a first time.

REASON(S) FOR RECOMMENDATION(S):

First reading of Bylaw 24-004 will allow County Administration to set the date for the Public Hearing and send out the notices for the proposed bylaw.

PREVIOUS COUNCIL DIRECTION / POLICY:

The Municipal Development Plan policy 4.13 states that landowners/developers may apply to Lethbridge County to initiate a re-designation process for parcels of land in support of development proposals that may not conform to the existing land use designation.

BACKGROUND INFORMATION:

An application has been made to re-designate Plan 1611089 Blocks 1 Lot 1 and Plan 1611089 Block 2 Lot 1 from Rural Urban Fringe to Direct Control. The intent of this application is to allow for the future subdivision and development of the parcel for a casino/conference centre area, commercial, light industrial, and residential purposes.

The application has been circulated to all County Departments and external agencies for review and their comments as well as any planning/strategic planning considerations will be presented at the public hearing. It is anticipated that the public hearing will be held in May 2024

ALTERNATIVES / PROS / CONS:

County Council may refuse first reading of the Bylaw. Refusing the bylaw would be contrary to legal advice which has been that first reading of the bylaw shall be given as the applicant and the public have the right to attend and speak at a public hearing which is set upon first reading of the bylaw. The public hearing process allows County Council the opportunity to hear all positions (in favour and opposed) on the bylaw and make an informed decision. If first reading of the bylaw is not given the applicant could appeal that decision to the Alberta Court of Appeal.

FINANCIAL IMPACT:

If the bylaw was approved, future development would be taxed at the County's tax rate.

LEVEL OF PUBLIC PARTICIPATION:

- Inform Consult Involve Collaborate Empower

ATTACHMENTS:

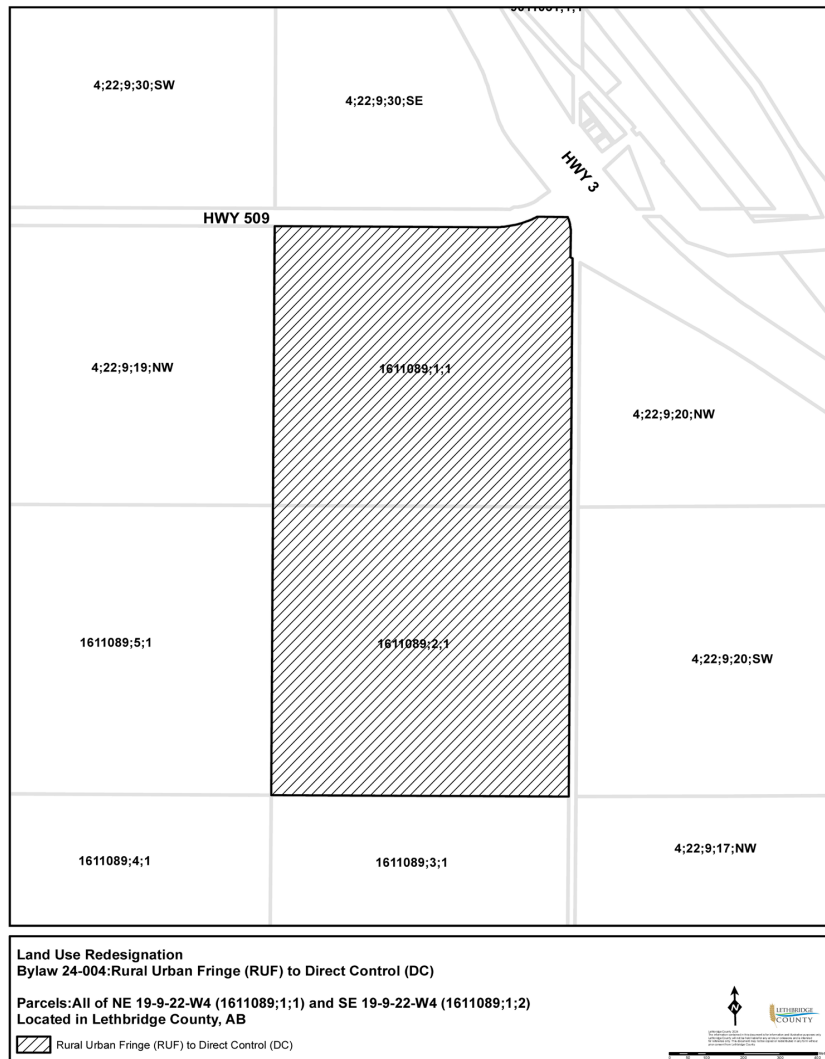
- [Bylaw 24-004 - Blood Tribe- Amendment to LUB](#)
- [Rezoning Application - RUF to DC](#)

**LETHBRIDGE COUNTY
IN THE PROVINCE OF ALBERTA**

BYLAW NO. 24-004

Bylaw 24-004 of Lethbridge County being a bylaw for the purpose of amending Land Use Bylaw 1404, in accordance with Sections 230, 606 and 692 of the Municipal Government Act, R.S.A. 2000, Chapter M-26.

WHEREAS the purpose of Bylaw 24-004 is to re-designate Plan 1611089 Block 1 Lot 1 and Plan 1611089 Block 2 Lot 1, from Rural Urban Fringe (RUF) to Direct Control (D.C.);



AND WHEREAS the purpose of proposed Bylaw 24-004 is to establish the uses and regulations for a Direct Control district pertaining to the aforementioned land and are as described in Schedule "A" attached hereto;

AND WHEREAS policies in the Municipal Development Plan Bylaw No 22-001 refer to the Direct Control Designation being used by Council to regulate land use;

AND WHEREAS once an application has been submitted the municipality must prepare an amending bylaw and provide for its notification and consideration at a public hearing;

NOW THEREFORE, under the authority of the Municipal Government Act, R.S.A. 2000, C-26, as amended, the Council of Lethbridge County in the

Province of Alberta duly assembled does hereby enact the following, with the bylaw only coming into effect upon three successful reading thereof;

NOW THEREFORE, under the authority of the Municipal Government Act, R.S.A. 2000, C-26, as amended, the Council of Lethbridge County in the Province of Alberta duly assembled does hereby enact the following:

1. The uses and regulations for the Direct Control District shall be as described in Schedule "A" attached hereto and be applied to the lands described above and identified on the above map.
2. Bylaw No 1404 – The Land Use Bylaw of Lethbridge County is hereby amended.
3. The Bylaw shall come into effect upon third and final reading hereof.

GIVEN first reading this 4th day of April 2024.

Reeve

Chief Administrative Officer

GIVEN second reading this _____ day of _____, 20__.

Reeve

Chief Administrative Officer

GIVEN third reading this _____ day of _____, 20__.

Reeve

Chief Administrative Officer

1 st Reading	April 4, 2024
2 nd Reading	
Public Hearing	
3 rd Reading	

SCHEDULE A

DIRECT CONTROL

1. PURPOSE

To provide a means whereby Council may regulate and control the use, development, or subdivision on a site-specific basis the following lands:

- Plan 1611089 Block 1 Lot 1
- Plan 1611089 Block 2 Lot 1

To permit a mixed-use development on the parcels in accordance with the attached Site Plan.

2. USES

Area A – Casino/Conference Centre Area

- Accessory Buildings and Structures
- Arts and Culture Centre
- Campgrounds and Recreational Vehicle Parks
- Casino
- Childcare Facilities
- Conference Centre
- Hotel
- Equestrian Facility
- Medical Offices or Clinics
- Offices
- Public/Institutional Uses
- Playgrounds, Parks, Sports fields
- Recreation, Minor
- Restaurant/Cafe
- Riding Academy and Arenas (Commercial)
- Rodeo Grounds
- Signs (Type 1, 2 or 3)

Area B – Residential Area

- Accessory Buildings and Structures
- Dwellings:
 - Single detached Site Built
 - Single Detached Manufactured Homes 1
 - Single Detached Manufactured Homes 2
 - Single Detached Ready-to-Move
 - Single Detached Moved-in
 - Semi-Detached
 - Multi-unit
- Home Occupations 1 and 2
- Playgrounds, Parks, Sports fields
- Secondary Suites

Area C – Commercial Area

- Accessory Buildings and Structures
- Banks/Financial Institutions
- Bars/Lounges
- Big Box/Comprehensive Retail
- Business support Services
- Childcare Facilities
- Convenience Stores
- Greenhouses/Garden Centres
- Liquor Stores
- Medical Offices or Clinics
- Grocery Stores
- Playgrounds, Parks, Sports fields
- Public/Private Utilities
- Personal Service Outlets
- Professional Services
- Retail Sales
- Retail Cannabis Sales
- Restaurants
- Services Stations/Gas Bar
- Signs (Type 1, 2 or 3)
- Solar Collectors, Individual
- Technology Centres/Hubs

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Area D – Light Industrial Area

- Accessory Buildings and Structures
- Automotive Repair and Service Shops
- Automotive and Equipment Sales
- Automotive Detail
- Barns
- Building and Contractor Sales
- Business support Services
- Car/Truck Washes
- Cartage/Moving Services
- Greenhouses/Garden Centres
- Industrial Processing and Manufacturing
- Outdoor Storage
- Playgrounds, Parks, Sports fields
- Professional Services
- Public/Private Utilities
- Recreational Vehicle Storage
- Recreation, Minor
- Services Stations/Gas Bar
- Solar Collectors, Individual
- Signs (Type 1, 2 or 3)
- Technology Centres/Hubs
- Veterinary Clinics, Large and small animal

3. DEFINITIONS

- All words and terms have the same meaning as what is specified in the Land Use Bylaw.

4. Site Plan

- The proposed development will be developed as per the attached site plan.
- The County may request a more detailed site plan to be professionally prepared and provided to Council for any aspect of development at the development permit process stage.
- Any proposed development deviations from the approved site plan shall require Council's approval and an updated site plan may be required to be provided in such circumstances.

5. MINIMUM YARD SETBACK REQUIREMENTS

- Side and Rear Yard Setbacks – 6.1 metres (20 feet)
- Setback to centerline of County Roads – 38.1 metres (125 feet)
- Setback to centerline of designated provincial highway – 70 meters (230 feet)

6. ACCESSORY BUILDINGS AND STRUCTURES

- Any new or additional accessory buildings or structures shall not be located in the required setback from a public road or an easement.
- An accessory building or structure shall be setback a minimum 4.0 meters (13'-1.5") from the principal buildings and from all other structures on the same lot.
- An accessory building or structure shall only be constructed after or in conjunction with an approved principal use or building on the parcel.

7. GENERAL STANDARDS OF DEVELOPMENT

- At the discretion of Council or the Development Officer acting as the Development Authority having regard for the Land Use Bylaw.

8. SIGN REGULATIONS

- As per the Lethbridge County Land Use Bylaw.

9. OTHER STANDARDS

- All storm water shall be retained on site to predevelopment levels. At the subdivision or Development Permit stage, a Storm Water Management Plan by a certified professional engineer shall be submitted.
- All finished lot grading shall be constructed and maintained to the satisfaction of Lethbridge County and shall be in accordance with the County's Engineering Guidelines and Minimum Servicing Standards.
- Parking for the parcel will be as per the Lethbridge County Land Use Bylaw
- Any additional standards as required by Council or the Development Officer.
- The developer is responsible for obtaining any Provincial approvals as required
- All road associated with the mixed-use development will be constructed and maintained by the developer as private roads.

- This land is identified as Historical Resources 5a,p and the developer would require Historical Resources Act Approval if required
- Due to the development being adjacent to Highway 509 and in proximity to Highway 3, the developer will be responsible for providing a Traffic Impact Assessment (TIA) to Alberta Transportation and Economic Corridors as required and installing/constructing any improvements to the highways as required in the TIA

10. OTHER REQUIREMENTS

- Site, Layout, and Grading Plan – that shows the property dimensions, building locations, parking areas, and utility easements and servicing areas, including the septic field location, and dugouts/storm ponds.
- Refuse or solid waste shall be kept in a suitability sized container or enclosure.
- Servicing – the developer shall be responsible for ensuring all required servicing is provided to the mixed-use development, including potable water and wastewater.
- Geotechnical Report
- An Area Structure Plan, if required by the County
- Any parks, open space or passive recreation lands are to be the responsibility of the developer and the County may request a detailed site design plan or landscaping plan to be provided at the development permit stage.
- Development Agreement – As a condition of a subdivision or Development Permit approval, the applicant may be required to enter into a Development Agreement with the Lethbridge County, in accordance with Sections 37 and 38 of the Land Use Bylaw.
 - This may include improvements to Range Road 22-5

11. DELEGATION OF AUTHORITY

- Council shall be the Development Authority to decide on Development Permit Applications, unless County Council delegates the decision to the Development Authority.
- The Development Officer, in accordance with the Land Use Bylaw, and pursuant to Section 641 (3) of the Municipal Government Act, may, with the direction of Council, act as the Development Authority and receive and decide upon Development Permit Applications, provided they confirm to the standards of the Bylaw.

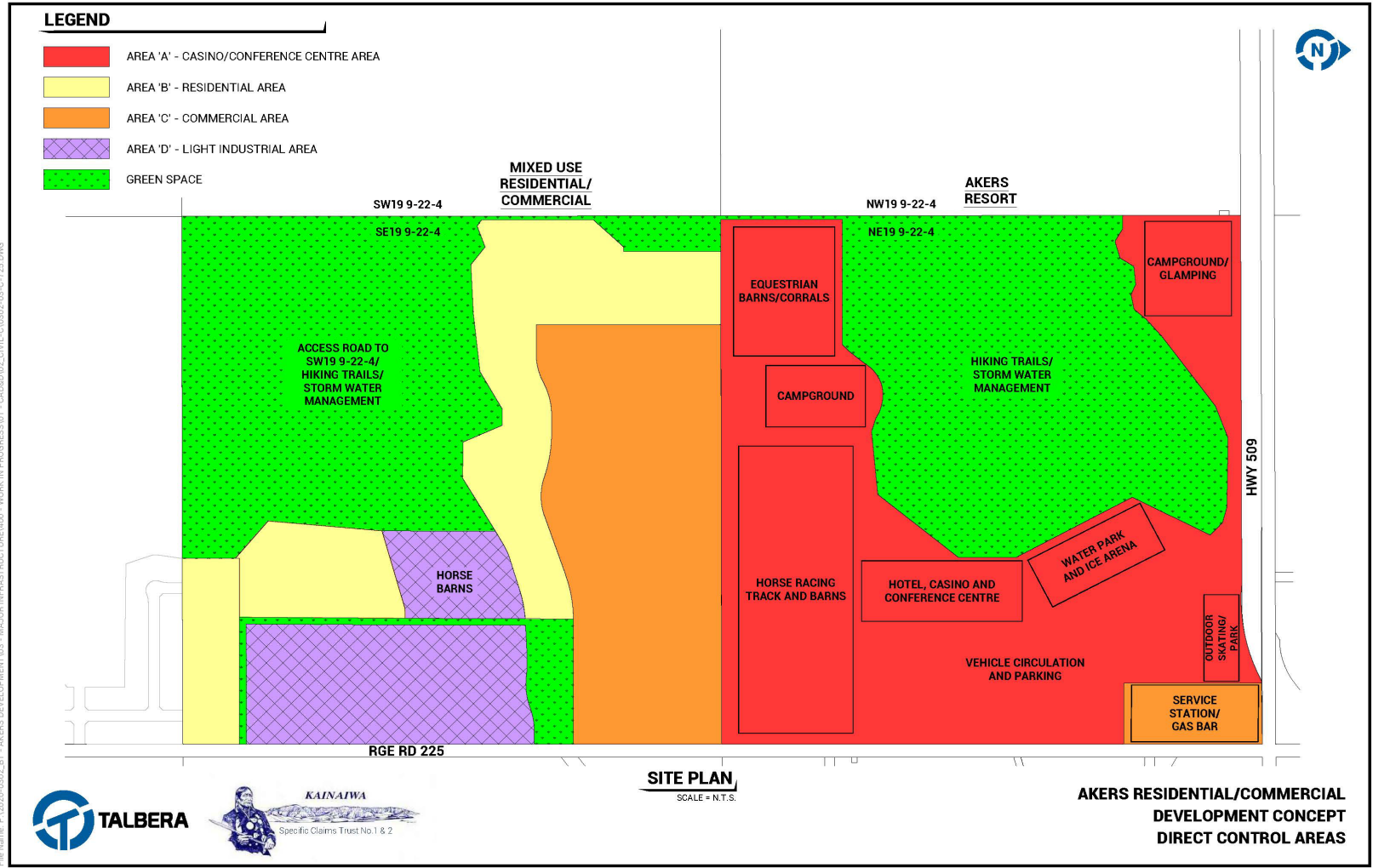
12. APPROVAL PROCEDURE

- Where the Development Officer, as the Development Authority has been delegated, the Authority to decide upon Development Permit Applications, then immediately upon issuance of the Development Permit, the Development Officer shall cause a notice to be published in a newspaper circulating in the area stating the location of the property for which the Application has been made and the Use approved.
- Before consideration of a Permit Application for Developing requiring waivers on the subject property, Council shall:
 - Cause a notice to be issued by the designated officer to any person likely to be affected.
 - Ensure that the notice contains the date and time that Council will hear the Application for waivers of development standards.
 - Hear any persons that claims to be affected by the decision on the Application.
- Council may then approve the Development Application with or without conditions or refuse the Application with reasons.
- Where Council has made the decision on a Development Permit Application, the Development Officer acting on behalf of Council, shall cause a notice of the decision to be issued to the applicant and post a copy of the decision in the lobby of the County Office.
- When applicable, Council should seek comments from other agencies such as the Planning Advisor, Regional Health Authority, Alberta Transportation, or any applicable Provincial Government department.

13. APPEAL PROCEDURE

- Pursuant to Section 685(4)(a) of the Municipal Government Act, if a decision with respect to a Development Permit Application is made by Council, there is no appeal to the Subdivision and Development Appeal Board.
- Pursuant to Section 685(4)(b) of the Municipal Government Act, if the Development Officer has been delegated, the Authority to decide upon Development Permit Applications as the Development Authority, then the appeal to the Subdivision Appeal Board is limited to whether the Development Officer followed the directions of Council.

Print Date: 11:37 AM February 5, 2024
File Name: P:\2024\02\02_01_AKERS DEVELOPMENT\02 - MAJOR INFRASTRUCTURE\02 - WORK IN PROGRESS\01 - CAD\01\02\CIVIL_C\0205_05_C-725.DWG
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LETHBRIDGE COUNTY
APPLICATION FOR A
LAND USE BYLAW AMENDMENT
Pursuant to Bylaw No. 1404

Form C

OFFICE USE		
Date of Application: <u>January 17, 2024</u>	Assigned Bylaw	No. <u>24-004</u>
Date Deemed Complete: <u>January 17, 2024</u>	Application & Processing Fee:	\$ <u>2000.00</u>
Redesignation <input checked="" type="checkbox"/> Text Amendment <input type="checkbox"/>	Certificate of Title Submitted:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

A refusal is **not** appealable and a subsequent application for amendment involving the same lot and/or the same or similar use may not be made for at least 18 months after the date of refusal. (Refer to sections 53(1))

IMPORTANT NOTE: Although the Supervisor of Planning and Development is in a position to advise on the principle or details of any proposals, such advice must not be taken in any way as official consent.

APPLICANT INFORMATION

Name of Applicant: Kainaiwa Specific Claims/1432126 Alberta Ltd.

Mailing Address: P.O. Box 60 **Phone:** 403.737.4407
Standoff, Alberta **Phone (alternate):** _____
Fax: _____

Postal Code: T0K 1Y0

Is the applicant the owner of the property? Yes No
IF "NO" please complete box below

Name of Owner: _____	Phone: _____
Mailing Address: _____	Applicant's interest in the property:

Postal Code: _____	<input type="checkbox"/> Agent <input type="checkbox"/> Contractor <input type="checkbox"/> Tenant <input type="checkbox"/> Other _____

PROPERTY INFORMATION

Municipal Address: _____

Legal Description: Lot(s) 1 Block 1, 2 Plan 1611089
OR Quarter _____ Section _____ Township _____ Range _____

AMENDMENT INFORMATION

What is the proposed amendment?

Text Amendment

Land Use Redesignation

IF TEXT AMENDMENT:

For text amendments, attach a description including:

- The section to be amended;
- The change(s) to the text; and
- Reasons for the change(s).

IF LAND USE REDESIGNATION:

Current Land Use Designation (zoning):

Rural Urban Fringe (RUF)

Proposed Land Use Designation (zoning) (if applicable):

Direct Control

SITE DESCRIPTION:

Describe the **lot/parcel dimensions** _____ and **lot area/parcel acreage** _____
Indicate the information on a scaled PLOT or SITE PLAN: (0-4 acres at 1" = 20'; 5-9 acres at 1"= 100'; 10 acres or more at 1"=200')

Site or Plot Plan Attached

Conceptual Design Scheme or Area Structure Plan Attached

OTHER INFORMATION:

Section 52 of the *Land Use Bylaw* regulates the information required to accompany an application for redesignation. Please **attach a descriptive narrative** detailing:

- The existing and proposed future land use(s) (i.e. details of the proposed development);
- If and how the proposed redesignation is consistent with applicable statutory plans;
- The compatibility of the proposal with surrounding uses and zoning;
- The development suitability or potential of the site, including identification of any constraints and/or hazard areas (e.g. easements, soil conditions, topography, drainage, etc.);
- Availability of facilities and services (sewage disposal, domestic water, gas, electricity, fire protection, schools, etc.) to serve the subject property while maintaining adequate levels of service to existing development; and
- Access and egress from the parcel and any potential impacts on public roads.

In addition to the descriptive narrative, an Area Structure Plan or Conceptual Design Scheme may be required in conjunction with this application where:

- redesignating land to another district;
- multiple parcels of land are involved;
- four or more lots could be created;
- several pieces of fragmented land are adjacent to the proposal;
- new internal public roads would be required;
- municipal services would need to be extended; or
- required by Council, or the Subdivision or Development Authority if applicable.

The applicant may also be required to provide other professional reports, such as a:

- geotechnical report; and/or
 - soils analysis; and/or
 - evaluation of surface drainage or a detailed storm water management plan;
 - and any other information described in section 52(2) or as deemed necessary to make an informed evaluation of the suitability of the site in relation to the proposed use;.
- if deemed necessary.

SITE PLAN

Plans and drawings, in sufficient detail to enable adequate consideration of the application, must be submitted in **duplicate** with this application, together with a plan sufficient to identify the land. It is desirable that the plans and drawings should be on a scale appropriate to the development. However, unless otherwise stipulated, it is not necessary for plans and drawings to be professionally prepared. Council may request additional information.

DECLARATION OF APPLICANT/AGENT

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application. *I/We have read and understand the terms noted below and hereby **certify that the registered owner of the land is aware of, and in agreement with this application.***

APPLICANT


REGISTERED OWNER
(if not the same as applicant)

DATE: 29th Nov 2023

IMPORTANT: This information may also be shared with appropriate government/ other agencies and may also be kept on file by the agencies. This information may also be used by and for any or all municipal programs and services. Information provided in this application may be considered at a public meeting. The application and related file content will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP). If you have any questions about the collection of this information, please contact Lethbridge County.

TERMS

1. Subject to the provisions of the Land Use Bylaw No. 1404 of Lethbridge County, the term "development" includes any change in the use, or intensity of use, of buildings or land.
2. Pursuant to the municipal development plan, an area structure plan or conceptual design scheme may be required by Council before a decision is made.
3. A refusal is not appealable and a subsequent application for redesignation (reclassification) involving the same or similar lot and/or for the same or similar use may not be made for at least 18 months after the date of a refusal.
4. An approved redesignation (reclassification) shall be finalized by amending the land use bylaw map in accordance with section 692 of the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26.

Note: Information provided or generated in this application may be considered at a public meeting.

Hilary Janzen

From: Albert Tagoe <tagoe.albert@talbera.com>
Sent: Tuesday, January 16, 2024 5:30 PM
To: Hilary Janzen
Cc: Jackie Oka
Subject: AKERS Development - Re-Zoning Application
Attachments: 0302-03-C-725_DC Areas.pdf; 0302-03-C-724-Services.pdf

Hilary,

The Kainai Specific Claims Trust (The Board of Trustees), on behalf of the Blood Tribe, is pursuing the development of an Economic Hub and Indigenous Tourism opportunity near Coalhurst, Alberta. The Kainai Hotel and Conference Centre will be a premiere tourism destination in the heart of Blackfoot Territory.

The Trustees are seeking a new casino license from Alberta Gaming, Liquor and Cannabis (AGLC). The addition of a casino to the proposed Kainai Hotel and Conference Centre will greatly improve the economic viability of the project.

The Blood Tribe has a total registered population of nearly 13,000 people. The development is an opportunity to generate economic and social impacts for the tribe – it will create jobs, increase the attractiveness of Southern Alberta as a destination, and provide capacity development opportunities. Beyond the economic impacts, the development will also share Blackfoot culture and traditions with visitors by providing educational opportunities throughout the development.

The proposed development is a mixed development and will be supported by a water and waste water treatment systems that will eventually be on the Blood Tribe Reserve. The Trustees are in the process of adding the development land(s), which are currently within Lethbridge County, to the Blood Tribe Reserve.

Please see attached supporting information,

Regards,

Albert Tagoe

SCHEDULE A

DIRECT CONTROL

1. PURPOSE

To provide a means whereby Council may regulate and control the use, development, or subdivision on a site-specific basis the following lands:

- Plan 1611089 Block 1 Lot 1
- Plan 1611089 Block 2 Lot 1

To permit a mixed-use development on the parcels in accordance with the attached Site Plan.

2. USES

- Area A – Casino/Conference Centre Area
 - Accessory Buildings and Structures
 - Arts and Culture Centre
 - Campgrounds and Recreational Vehicle Parks
 - Casino
 - Childcare Facilities
 - Conference Centre
 - Health Care Services
 - Hotel
 - Equestrian Facility
 - Offices
 - Public/Institutional Uses
 - Playgrounds, Parks, Sports fields
 - Recreation, Minor
 - Restaurant/Cafe
 - Riding Academy and Arenas (Commercial)
 - Rodeo Grounds
 - Signs (Type 1, 2 or 3)
- Area B – Residential Area
 - Accessory Buildings and Structures
 - Dwellings:
 - Single detached Site Built
 - Single Detached Manufactured Homes 1
 - Single Detached Manufactured Homes 2
 - Single Detached Ready-to-Move
 - Single Detached Moved-in
 - Semi-Detached
 - Multi-family

- Home Occupations 1 and 2
- Playgrounds, Parks, Sports fields
- Secondary Suites

- **Area C – Commercial Area**

- Accessory Buildings and Structures
- Banks/Financial Institutions
- Bars/Lounges
- Big Box/Comprehensive Retail
- Business support Services
- Childcare Facilities
- Convenience Stores
- Greenhouses/Garden Centres
- Liquor Stores
- Medical Offices or Clinics
- Grocery Stores
- Playgrounds, Parks, Sports fields
- Public/Private Utilities
- Personal Service Outlets
- Professional Services
- Retail Sales
- Retail Cannabis Sales
- Restaurants
- Services Stations/Gas Bar
- Signs (Type 1, 2 or 3)
- Solar Collectors, Individual
- Technology Centres/Hubs

- **Area D – Light Industrial Area**

- Accessory Buildings and Structures
- Automotive Repair and Service Shops
- Automotive and Equipment Sales
- Automotive Detail
- Barns
- Building and Contractor Sales
- Business support Services
- Car/Truck Washes
- Cartage/Moving Services
- Greenhouses/Garden Centres
- Light Industrial Processing and Manufacturing
- Outdoor Storage
- Playgrounds, Parks, Sports fields
- Professional Services

- Public/Private Utilities
- Recreational Vehicle Storage
- Recreation, Minor
- Services Stations/Gas Bar
- Solar Collectors, Individual
- Signs (Type 1, 2 or 3)
- Technology Centres/Hubs
- Veterinary Clinics, Large and small animal

3. DEFINITIONS

- All words and terms have the same meaning as what is specified in the Land Use Bylaw.

4. Site Plan

- The proposed development will be developed as per the attached site plan.

5. MINIMUM YARD SETBACK REQUIREMENTS

- Side and Rear Yard Setbacks – 6.1 metres (20 feet)
- Setback to centerline of County Roads – 38.1 metres (125 feet)
- Setback to centerline of designated provincial highway – 70 meters (230 feet)

6. ACCESSORY BUILDINGS AND STRUCTURES

- Any new or additional accessory buildings or structures shall not be located in the required setback from a public road or an easement.
- An accessory building or structure shall be setback a minimum 4.0 meters (13'-1.5") from the principal buildings and from all other structures on the same lot.
- An accessory building or structure shall only be constructed after or in conjunction with an approved principal use or building on the parcel.

7. GENERAL STANDARDS OF DEVELOPMENT

- At the discretion of Council or the Development Officer acting as the Development Authority having regard for the Land Use Bylaw.

8. SIGN REGULATIONS

- As per the Lethbridge County Land Use Bylaw.

9. OTHER STANDARDS

- All storm water shall be retained on site to predevelopment levels. At the subdivision or Development Permit stage, a Storm Water Management Plan by a certified professional engineer shall be submitted.

- All finished lot grading shall be constructed and maintained to the satisfaction of Lethbridge County and shall be in accordance with the County's Engineering Guidelines and Minimum Servicing Standards.
- Parking for the parcel will be as per the Lethbridge County Land Use Bylaw
- Any additional standards as required by Council or the Development Officer.
- The developer is responsible for obtaining any Provincial approvals as required
- All road associated with the mixed-use development will be constructed and maintained by the developer as private roads.

10. OTHER REQUIREMENTS

- Site, Layout, and Grading Plan – that shows the property dimensions, building locations, parking areas, and utility easements and servicing areas, including the septic field location, and dugouts/storm ponds.
- Refuse or solid waste shall be kept in a suitability sized container or enclosure.
- Servicing – the developer shall be responsible for ensuring all required servicing is provided to the mixed-use development, including potable water and wastewater.
- Development Agreement – As a condition of a subdivision or Development Permit approval, the applicant may be required to enter into a Development Agreement with the County of Lethbridge, in accordance with Sections 37 and 38 of the Land Use Bylaw.
 - This may include improvements to Range Road 22-5

11. DELEGATION OF AUTHORITY

- Council shall be the Development Authority to decide on Development Permit Applications for discretionary uses or application for waivers of development standards. Council may also decide on Development Permit Applications for permitted uses.
- The Development Officer, in accordance with Section 9 of the Land Use Bylaw, and pursuant to Section 641 (3) of the Municipal Government Act, may, with the direction of Council, act as the Development Authority and receive and decide upon Development Permit Applications for permitted uses, provided they confirm to the standards of the Bylaw.

12. APPROVAL PROCEDURE

- Where the Development Officer, as the Development Authority has been delegated, the Authority to decide upon Development Permit Applications, for permitted uses and has done so, then immediately upon issuance of the Development Permit, the Development Officer shall cause a notice to be published in a newspaper circulating in the area stating the location of the property for which the Application has been made and the Use approved.
- Before consideration of a Permit Application for Developing requiring waivers on the subject property, Council shall:
 - Cause a notice to be issued by the designated officer to any person likely to be affected.
 - Ensure that the notice contains the date and time that Council will hear the Application for waivers of development standards.

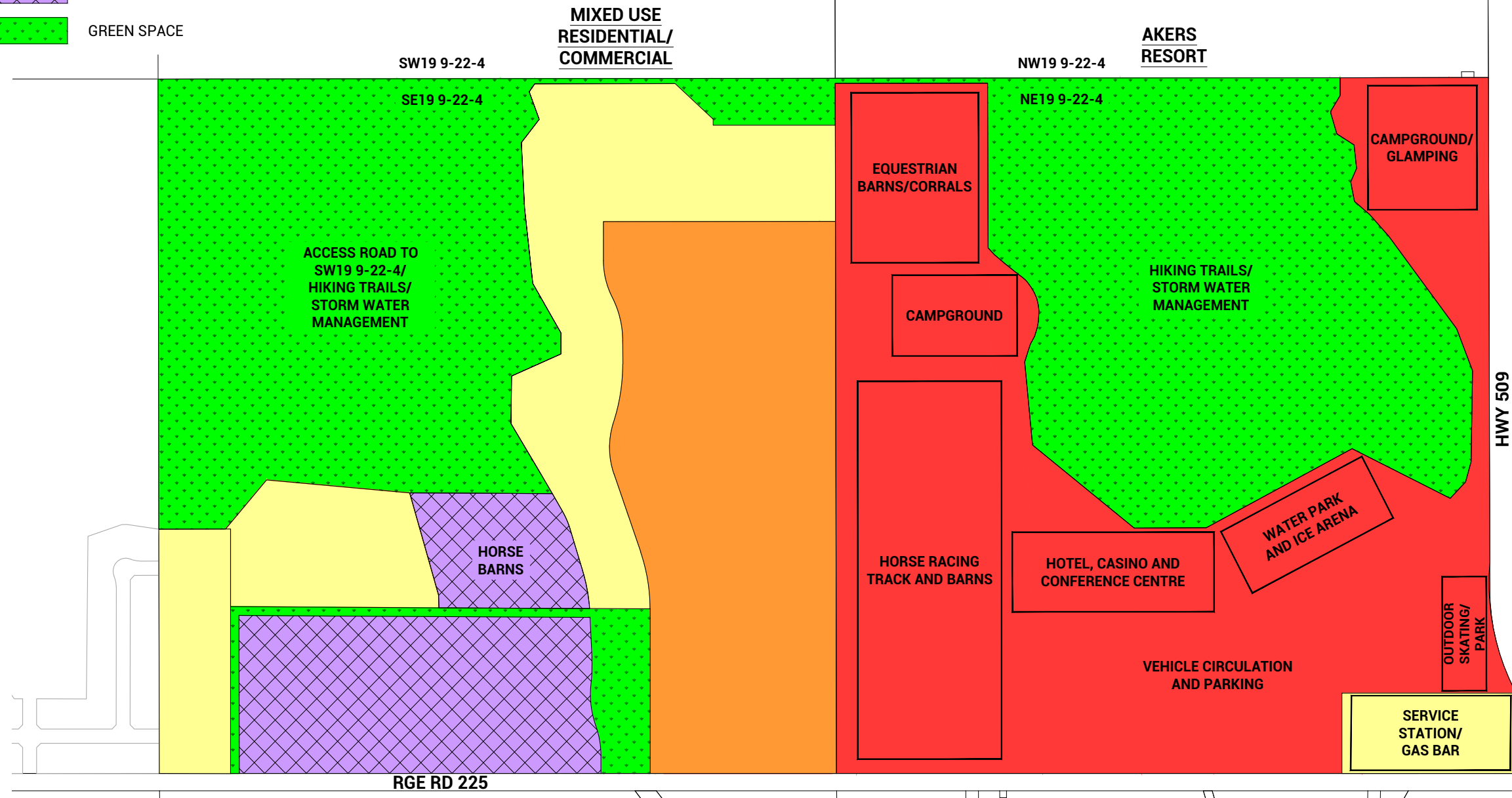
- Hear any persons that claims to be affected by the decision on the Application.
- Council may then approve the Development Application with or without conditions or refuse the Application with reasons.
- Where Council has made the decision on a Development Permit Application, the Development Officer acting on behalf of Council, shall cause a notice of the decision to be issued to the applicant and post a copy of the decision in the lobby of the County Office.
- When applicable, Council should seek comments from other agencies such as the Planning Advisor, Regional Health Authority, Alberta Transportation, or any applicable Provincial Government department.

13. APPEAL PROCEDURE

- Pursuant to Section 685(4)(a) of the Municipal Government Act, if a decision with respect to a Development Permit Application is made by Council, there is no appeal to the Subdivision and Development Appeal Board.
- Pursuant to Section 685(4)(b) of the Municipal Government Act, if the Development Officer has been delegated, the Authority to decide upon Development Permit Applications as the Development Authority, then the appeal to the Subdivision Appeal Board is limited to whether the Development Officer followed the directions of Council.

LEGEND

- AREA 'A' - CASINO/CONFERENCE CENTRE AREA
- AREA 'B' - RESIDENTIAL AREA
- AREA 'C' - COMMERCIAL AREA
- AREA 'D' - LIGHT INDUSTRIAL AREA
- GREEN SPACE

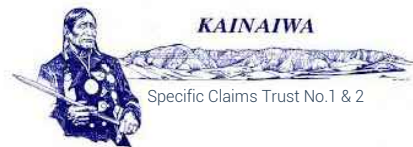


SITE PLAN

SCALE = N.T.S.

**AKERS RESIDENTIAL/COMMERCIAL
DEVELOPMENT CONCEPT
DIRECT CONTROL AREAS**

Print Date: 2:05 PM January 22, 2024
 File Name: P:\2020-0302.BT - AKERS DEVELOPMENT\03 - MAJOR INFRASTRUCTURE\400 - WORK IN PROGRESS\01 - CAD&D\02_CIVIL - C\0302-03-C-725.DWG
 Saved By: 2016007fa





Lethbridge County
 100, 905 4 Avenue South
 Lethbridge AB T1J 4E4

RECEIPT OF PAYMENT

Page 1

TALBERA INTERNATIONAL
 TECHNOLOGIES LTD.

Receipt Number: 9762
 Tax Number: R106989023
 Date: January 17, 2024
 Initials: MP

Type	Account / Ref. #	Customer ID	Description	Quantity	Amount Paid	Balance Remaining
General	REZO		REZONING APPLICATION	N/A	\$2,000.00	N/A

Cheque Number: 0002483

Subtotal: \$2,000.00
 Taxes: \$0.00
 Total Receipt: \$2,000.00
 Cheque: \$2,000.00

Total Amount Received: \$2,000.00
 Rounding: \$0.00
 Amount Returned: \$0.00

AGENDA ITEM REPORT



Title: Bylaw 24-002 - Chin Grouped Country Residential Area Structure Plan and Bylaw 24-003 Land Use Bylaw Amendment (Rural Urban Fringe to Grouped Country Residential and Business Light Industrial) - First Reading
Meeting: Council Meeting - 04 Apr 2024
Department: Community Services
Report Author: Hilary Janzen

APPROVAL(S):

Devon Thiele, Director, Development & Infrastructure
Cole Beck, Chief Administrative Officer

Approved - 25 Mar 2024
Approved - 25 Mar 2024

STRATEGIC ALIGNMENT:



Governance



Relationships



Region



Prosperity

EXECUTIVE SUMMARY:

An application was received for the Chin Area Structure Plan (Bylaw 24-002 and to re-designate a 40 acre title in the NE 25-9-19-W4 from Rural Urban Fringe to Grouped Country Residential and Business Light Industrial (Bylaw 24-003). This would allow for the phased subdivision of the parcels for Country Residential and Business Light Industrial uses.

RECOMMENDATION:

That Bylaw 24-002 (Chin ASP) be read a first time.

That Bylaw 24-003 (Land Use Bylaw Amendment - RUF to GCR and BLI) be read a first time.

REASON(S) FOR RECOMMENDATION(S):

First reading of Bylaw 24-002 and Bylaw 24-003 will allow County Administration to set the date for the Public Hearing and send out the required notices for the proposed bylaws.

PREVIOUS COUNCIL DIRECTION / POLICY:

- The Lethbridge County Municipal Development Plan requires that where there will be more than 4 adjacent titles that the applicant submit an Area Structure Plan for County Council consideration and that the parcels be re-designated.
- The Grouped Country Residential Land Use Strategy encourages subdivision in areas close to urban areas and where the lands are fragmented and considered poor quality agricultural lands.

BACKGROUND INFORMATION:

An application was received for the Chin Area Structure Plan (Bylaw 23-002) and to re-designate a 40 acre title in the NE 25-9-19-W4 from Rural Agriculture to Grouped Country Residential and Business Light Industrial (Bylaw 24-003). This would allow for the subdivision of the parcels for Country Residential use and tBusiness Light Industrial Uses.

The Chin Area Structure Plan provides a plan for the future subdivision of the subject lands in a manner that attempts to meet the County's current policies and requirements.

The application has been circulated to all County Departments and external agencies for review. Any comments or concerns will be presented at the Public Hearing along with the planning considerations. It is anticipated that the public hearing will be held in May 2024.

ALTERNATIVES / PROS / CONS:

County Council may refuse first reading of the Bylaws. Refusing the bylaws would be contrary to legal advice which has been that first reading of the bylaws shall be given as the applicant and the public have the right to attend and speak at a public hearing which is set upon first reading of the bylaws. The public hearing process allows County Council the opportunity to hear all positions (in favour and opposed) on the bylaws and make an informed decision. If first reading of the bylaws is not given, the applicant could appeal that decision to the Alberta Court of Appeal.

FINANCIAL IMPACT:

If the bylaws were approved, future development would be taxed at the County's residential and commercial/industrial tax rate. There would be additional costs to the County (i.e. maintenance of infrastructure) that would arise if the bylaws are approved.

LEVEL OF PUBLIC PARTICIPATION:

Inform Consult Involve Collaborate Empower

ATTACHMENTS:

- [Bylaw 24-002- Chin ASP](#)
- [Chin Grouped Country Residential Area Structure Plan March 2024](#)
- [Bylaw 24-003 -Chin - Amendment to LUB](#)
- [Bylaw 24-003 -LUB Amendment Application](#)
- [24-003 Bylaw Map](#)

**LETHBRIDGE COUNTY
IN THE PROVINCE OF ALBERTA**

BYLAW NO. 24-002

**A BYLAW OF LETHBRIDGE COUNTY BEING A BYLAW PURSUANT TO
SECTION 633(1) OF THE MUNICIPAL GOVERNMENT ACT, REVISED
STATUTES OF ALBERTA 2000, CHAPTER M.26**

WHEREAS the landowners wish to develop lands within Plan 899AA Blocks A, B, and E, and Plan 899AA Block 7 Lots 1-2 and Plan 899AA Block 6 Lots 31-32 within the NE 25-9-19-W4,

AND WHEREAS the County's Municipal Development Plan requires that developers prepare an Area Structure Plan to ensure sound development occurs within Lethbridge County;

AND WHEREAS the total area considered by the Area Structure Plan is approximately 40 acres (16.19 hectares);

AND WHEREAS the landowner/developer have prepared the "Chin Grouped Country Residential Area Structure Plan" which provides a framework for the subsequent re-designation, subdivision, and development of the area.

NOW THEREFORE BE IT RESOLVED, under the Authority and subject to the provisions of the Municipal Government Act, Revised Statutes of Alberta, 2000, Chapter M-26, as amended, the Council of Lethbridge County in the Province of Alberta duly assembled does hereby enact the following:

1. The "Chin Grouped Country Residential Area Structure Plan" Bylaw No. 24-002, attached as "Appendix A".

GIVEN first reading this 4th day of April 2024.

Reeve

CAO

GIVEN second reading this _____ day of _____, 20____.

Reeve

CAO

GIVEN third reading this _____ day of _____, 20____.

Reeve

CAO

1 st Reading	April 4, 2024
Public Hearing	
2 nd Reading	
3 rd Reading	



CHIN GROUPED COUNTRY RESIDENTIAL AREA STRUCTURE PLAN

MARCH 2024



**DOUGLAS J. BERGEN
& ASSOCIATES LTD.**
ARCHITECTURAL TECHNOLOGY



CHIN GROUPED COUNTRY RESIDENTIAL AREA STRUCTURE PLAN

March 2024

Prepared for
Mr. Peter Klassen
Chin, Alberta

Prepared by
Douglas J. Bergen & Associates Ltd.
HV Consulting Ltd.
Osprey Engineering Ltd.
BDT Engineering Ltd.
ISL Engineering
Mike Spencer Geometrics Ltd.



**DOUGLAS J. BERGEN
& ASSOCIATES LTD.**
ARCHITECTURAL TECHNOLOGY

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1. INTRODUCTION

1.1. PURPOSE OF THE PLAN

The purpose of the Chin Meadows Area Structure Plan (ASP) is to set out a concept for planning and proposed guidelines for the future subdivision and development of the lands described in this document. The plan has been prepared to compliment the proposed amendment to the Lethbridge County Land Use Bylaw No. 1404 to change the zoning of the subject lands from Rural Urban Fringe (RUF) to Grouped Country Residential (GCR) and Rural General Industrial (RGI).

1.2 LOCATION AND BACKGROUND

(an excerpt from the Lethbridge County – Hamlet of Chin Growth Study, June 2020; prepared by Lethbridge County and Oldman River Regional Services Commission)

The subject property is located immediately north of the Hamlet of Chin. It is legally described as Blocks A, B & E on Plan 899AA. See **Figure 1.0 County Map and Figure 2.0 Land Use Districts**.

The Hamlet of Chin is located approximately 17 miles (27 km) east of the City of Lethbridge, ½ mile (0.8 km) north of Highway 3, situated between the Towns of Coaldale and Taber. Chin is located on the very eastern border of Lethbridge County with the Municipal District of Taber western boundary beginning immediately east of the hamlet. Chin currently encompasses approximately 19.7 acres (7.0 ha) of land within its designated boundary. The hamlet basically functions as a small urban residential area for the surrounding agricultural area. Chin is also located adjacent to the McCain Foods Ltd. potato processing plant, which is one of the larger industrial processing developments in Lethbridge County.

Chin was initially founded as a settlement area in the early 1900s due to both agriculture and the Canadian Pacific Railway (CPR) line being established in close proximity. The name Chin was derived from the native Blackfoot language of the Blackfoot First Nations who historically held a significant presence in southern Alberta. The CPR and the Alberta Railway and Irrigation Company registered the original subdivision site plan in 1910 (Plan 899AA) for lands north of the rail line. The CPR appeared to have grand expectations for the community to grow, as the original plan covered an area twice as large as what exists today. The north half of the original Chin subdivision plan was never developed for hamlet use, and in 1964 was consolidated into one larger block (Block E) and amalgamated with adjacent Blocks A and B into a single title. **Figure 3.0** illustrates the current hamlet layout and lot/block configuration in respect of the 1964 consolidated plan.



LETHBRIDGE COUNTY – SUBJECT LOCATION MAP

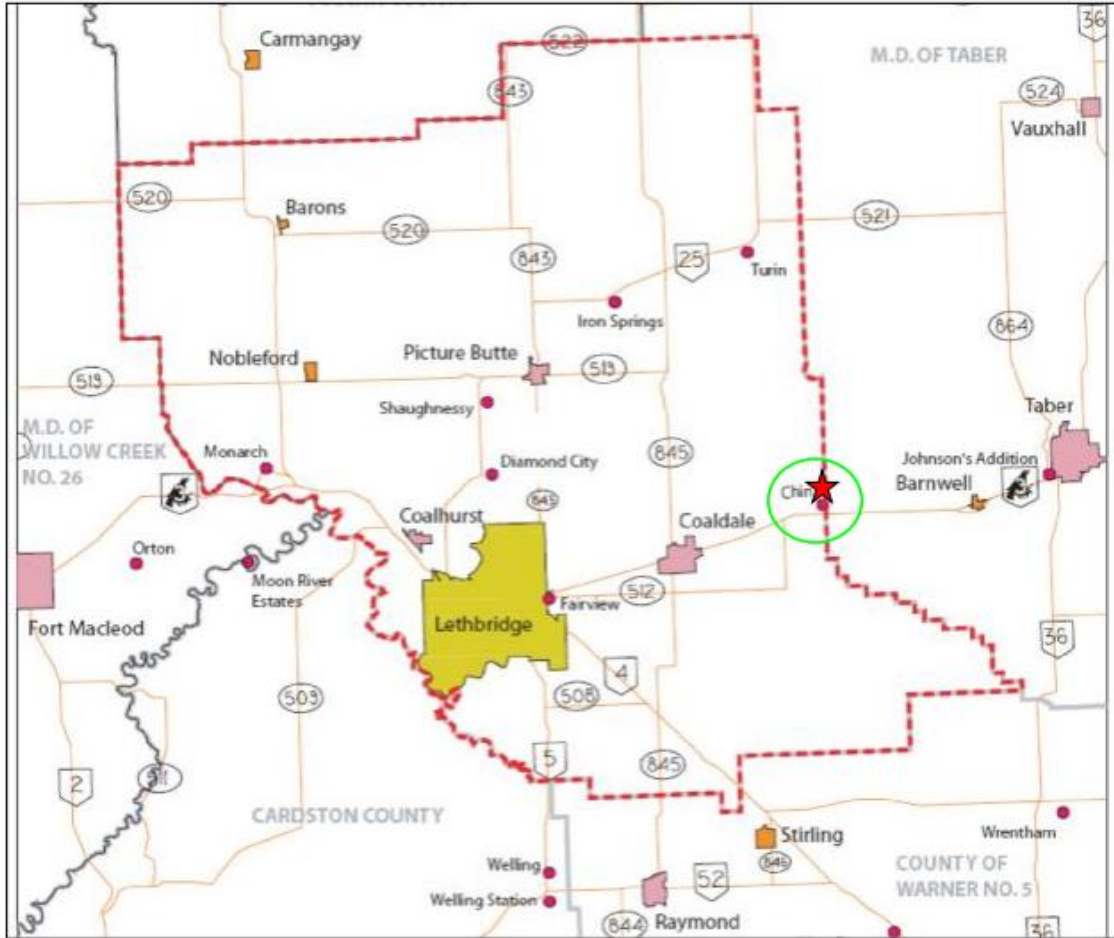
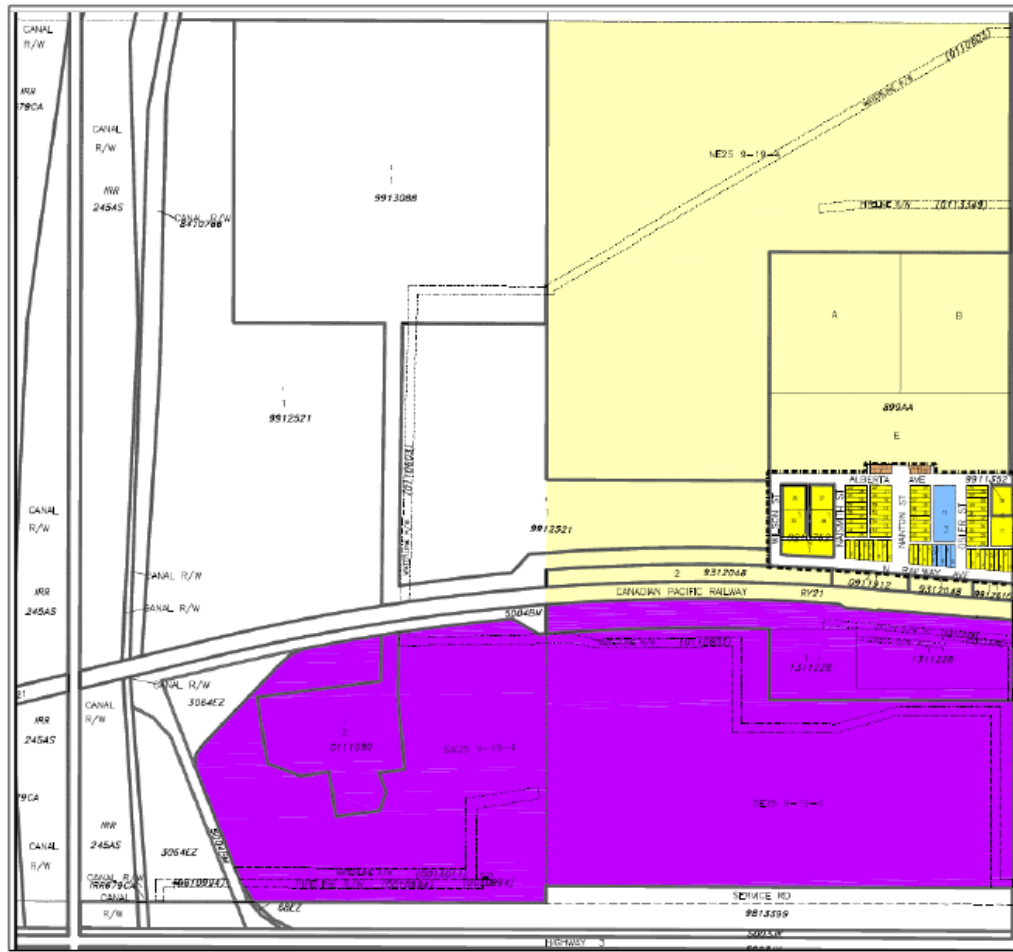


Diagram sourced from Lethbridge County - Hamlet of Chin Growth Study, June 2020; prepared by Lethbridge County and Oldman River Regional Services Commission

Figure 1.0 – County Map





Hamlet of Chin

Land Use Districts
LAND USE BYLAW No. 1404

- ▬ Hamlet Boundary
- Yellow Rural Urban Fringe – RUF
- Pink Rural General Industrial – RGI
- White Rural Agriculture – RA
- Orange Hamlet Residential - HR
- Blue Hamlet Public / Institutional - HP/I
- Brown Hamlet Transitional / Agricultural - HT/A



Diagram sourced from Lethbridge County - Hamlet of Chin Growth Study, June 2020; prepared by Lethbridge County and Oldman River Regional Services Commission

Figure 2.0 – Land Use Districts



Chin never grew as originally anticipated and today it basically provides for a rural lifestyle within a small urban community setting. After a slight reduction in population size that occurred during the mid-century, the hamlet has experienced significant population growth over the last two decades. Population increases have included three census periods of 20% growth or higher, including one of 52.1% between 1996 and 2001. It is noted that these growth percentages appear high as the population itself is quite small at approximately 62 people. Chin remains a viable rural residential living option, especially as Taber and Coaldale continue to experience significant growth in the region.

Today, the hamlet is situated in close proximity to several large industrial operations, such as McCain Foods Ltd. and an anaerobic digester facility located adjacent in the MD of Taber, which help provide economic viability to the Chin area. This opportunity is recognized by the current land owner and therefore the preparation of this Area Structure Plan.

1.3 APPROVAL PROCESS

This Area Structure Plan will be submitted to the Lethbridge County in support of an application to amend the Lethbridge County Land Use Bylaw. An application will be submitted for a land use amendment from Rural Urban Fringe (RUF) to Grouped Country Residential (GCR) and Business Light Industrial (BLI). The Area Structure Plan application will be circulated in accordance with the Lethbridge County policies seeking comment from the appropriate authorities including:

1. The Oldman River Regional Services Commission
2. St. Mary's Irrigation District
3. Alberta Environment and Parks
4. Alberta Agriculture Food and Rural Development
5. The Chinook Regional Health Authority
6. Municipal District of Taber

Lethbridge County council will evaluate the comments received from the above mentioned authorities prior to rendering a decision on the application for re-designation. If the Area Structure Plan and rezoning applications are approved, the applicant will have a framework from which to make application for the subdivision of the various lots. A Development Agreement will be entered into between the Lethbridge County and the applicant to ensure orderly and quality infrastructure as directed by the agreement.



1.4 LEGISLATIVE FRAMEWORK

1.4.1 The Municipal Government Act

The Municipal Government Act (MGA) is the provincial legislation which regulates municipal land use planning. This legislation sets out the requirements for two documents which this proposal is subject to: The Lethbridge County Municipal Development Plan and the Land Use Bylaw.

1.4.2 The Municipal Development Plan

The Lethbridge County Municipal Development Plan (MDP) documents broad policies relative to development and growth within the County. This planning document pays particular attention to the desire of the County to maintain a strong agricultural base.

The subject property is of a size and scale that does not allow for a viable farming operation and therefore is suitable for consideration of reclassification and further subdivision. This Area Structure Plan is intended to provide the information required by the MDP to enable council to make an informed decision on the application.

1.4.3 Subdivision Regulations

The MGA outlines the requirements for the creation of new parcels of land in the County. The application for subdivision of the new lots as laid out in this Area Structure Plan will be submitted to the Oldman River Regional Services Commission (ORRSC) for processing.

1.4.4 Land Use Bylaw

The Lethbridge County Land Use Bylaw No. 1404 recognizes the area of the proposed development as Rural Urban Fringe (RUF). The purpose of this classification is by in large to protect land for agricultural purposes and prevent fragmentation of parcels that may be considered in future annexations of the Hamlet of Chin. The proposed re-designation of the subject land is intended to be Grouped Country Residential (GCR) for the 12 new residential lots as well as the existing residential parcel. The existing tire shop site would also be considered for reclassification to Business Light Industrial (BLI). See **Figure 8.0 – Subdivision Layout**.



1.5 JUSTIFICATION

The Hamlet of Chin Growth Study approved by a Resolution of County Council in June of 2020 makes way for the further subdivision of Blocks A, B & E. The overall parcel does not have St. Mary's River Irrigation District irrigation rights and is of an odd shape. Small irregular parcels without irrigation rights are greatly compromised as viable farming operations.

Part 7 Paragraph 3 of the Chin Growth Study recognizes that "future hamlet growth should be directed to land to the north (Blocks A, B and E, Plan 899AA)." See **Figure 4.0 for Recommended Growth Direction.**

This diminished value as agricultural land gives way to a higher and better use of the property as a residential development. Small acreage parcels are a viable option for consideration. This proposed use is prevalent in fringe areas of many County communities with the Hamlet of Chin being no exception. There is increased benefit to the County should this proposal be approved given the land value would increase making way for a greater tax base.

The owner believes that the proposal outlined in this ASP is in keeping with the Municipal Development Plan as well as the Hamlet of Chin Growth Study and therefore offers support for further subdivision.





Map 4A



Map 4B

Hamlet of Chin
Growth Study

Potential Future Growth Area



Future Growth Direction



Potential Road Network



County Boundary



Potential Connecting Road



Diagram sourced from Lethbridge County - Hamlet of Chin Growth Study, June 2020; prepared by Lethbridge County and Oldman River Regional Services Commission

Figure 4.0 – Recommended Growth Direction



2. GOALS

2.1 GOALS

The principal goals of the Chin Meadows Area Structure Plan are:

1. To provide the information required to support the further subdivision of the land;
2. To establish a framework for the future development of the subject parcels;
3. To set out the access, servicing, and development standards that must be met in the development of the lands.



3. PLAN AREA

3.1 SITE ANALYSIS

3.1.1 Site Location

The parcels of subject land are located immediately north of The Hamlet of Chin in Lethbridge County. The proposed subdivided area is 'L' shaped with an existing homestead in the southeast corner. The 'L' shaped portion makes up some 32 acres of the original 41 acre parcel. See **Figure 5.0 – Aerial Photo**.

3.1.2 Existing Land Use

The property is currently farmed as dryland with a grain crop. The lack of irrigation rights prohibits strong consistent yields and therefore the subject 32 acres do not support a viable farming operation.

3.1.3 Topography and Site Characteristics

The property is virtually flat with minimal slopes from the north and south boundary to the centre of the property. The high point along the northern property line is at elevation 847.95 sloping to a low point of 846.84 near the centre. The high point along the southern boundary is at elevation 847.71. The natural low point runs east to west at the midpoint of the parcel. See **Figure 6.0 - Spencer Geometrics Topographical Survey**.

The proposed area to be subdivided is void of any vegetation or site features. The existing farmstead is bounded by a mature shelter belt with several buildings including a residence and shop.

The soils are generally comprised of a 100 mm layer of topsoil on top of low plastic clay and clay till. A geotechnical study was conducted on the site by BDT Engineering Ltd. to evaluate the property for its suitability for residential development and the building of roads. The results of the study support the proposed country residential development. The engineering document is available in **Appendix A – Geotechnical Investigation**.

3.1.4 Environmental, Historical, and Archaeological Significance

The County provided the applicant with a copy of the "Environmentally Significant Areas in the Oldman Region, County of Lethbridge" (February 1987) document. This study provides valuable information relative to this site.





Figure 5.0 – Aerial Photo





Figure 6.0 – Spencer Geometrics
Topographical Survey



The figures contained in the study revealed that the subject property is outside of any of the noted sensitive areas. The site has historically been used for agriculture and is located away from the edge of the river valley which comprises the most archaeologically significant area. See **Figure 7.0 – Environmentally Significant Areas**.

3.1.5 Opportunities and Constraints

3.1.5.1 Opportunities

This property offers an excellent opportunity for rural residential living. It's proximity to Coaldale offers convenience for daily necessities as well as a short bus ride for children attending schools.

There is increasing demand for labour in the immediate area given the expansion of the McCain's food plant to the west as well as the expanded irrigation acres by St. Mary's River Irrigation District.

Vital utilities such as natural gas and electricity are readily available adjacent to the property which will facilitate servicing convenience.

3.1.5.2 Constraints

The site has limited agricultural viability given the irregular shape coupled with lack of irrigation access.

Access to Potable Water

The Hamlet of Chin does not have sanitary sewer infrastructure which limits the residential parcel size to a minimum of 2.0 acres for future development in order to accommodate a septic field/mound system.



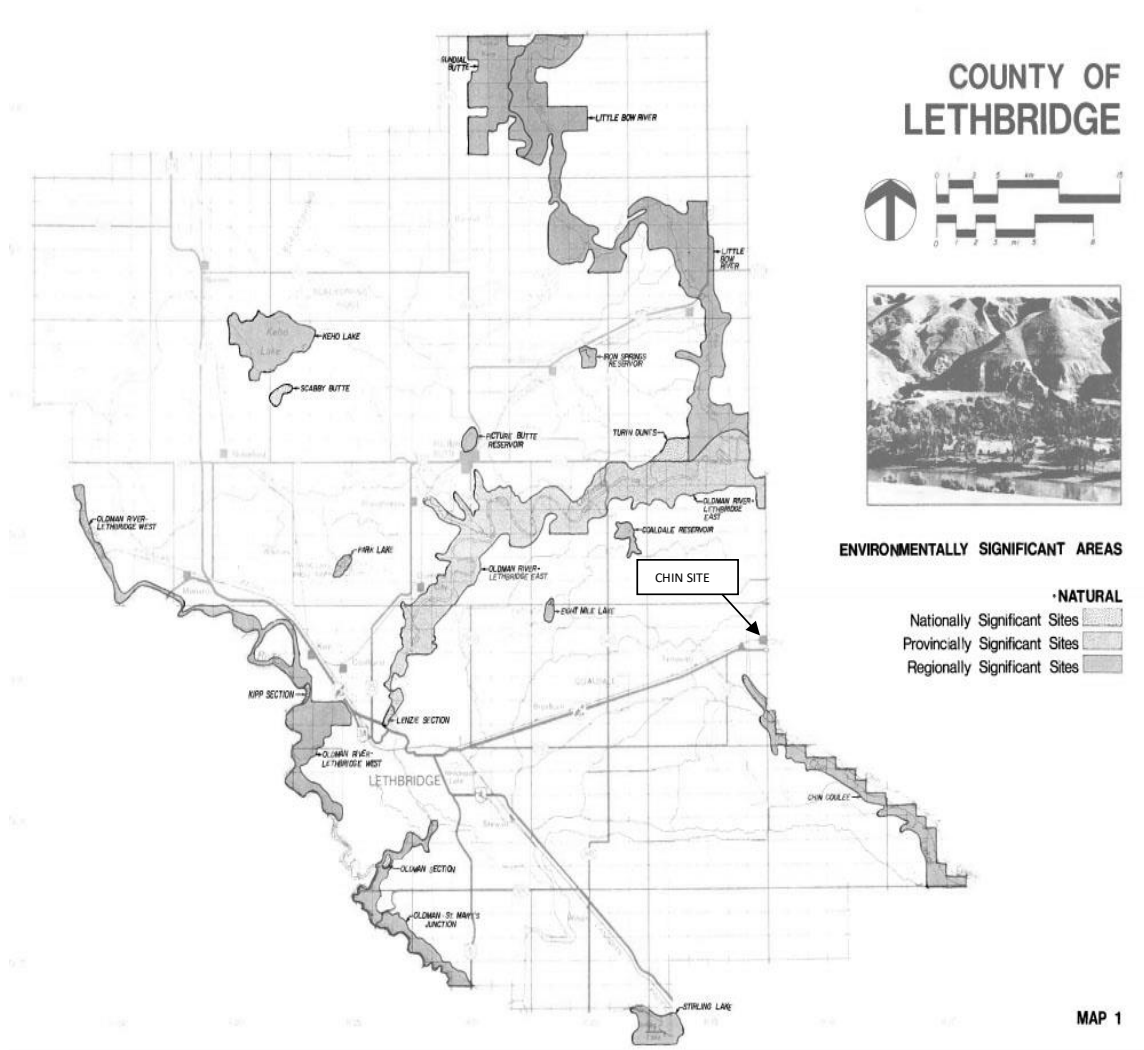


Diagram sourced from *Environmentally Significant Areas in the Oldman River Region, County of Lethbridge, February 1987*; prepared by Cottonwood Consultants Ltd.

Figure 7.0 – Environmentally Significant Areas



4. PROPOSED LAND AND DEVELOPMENT CONCEPT

4.1 DEVELOPMENT CONCEPT

The concept for the proposed lot layout is illustrated in **Figure 8.0 - Subdivision Layout**. The development proposal consists of 13 lots. Lot number 1 will be occupied by the Southern Alberta Christian Learning Centre as per Development Permit # 2023-112 and will remain as currently zoned – Rural Urban Fringe (RUF). See **Figure 9.0 School Development Permit**.

The remainder of the proposed residential lots will be zoned Grouped Country Residential (GCR) as governed by the Lethbridge County Land Use Bylaw. A gravel surface road is proposed to connect Alberta Ave with Range Road 19-0. The existing tire shop site would also be rezoned from Rural Urban Fringe (RUF) to Business Light Industrial (BLI).

4.2 CROWN LOT CONSOLIDATION

The CPR and Alberta Railway and Irrigation Company registered four lots on the north side of Alberta Ave. with the legal descriptions:

Lot 1	Block 7	Plan 899AA
Lot 2	Block 7	Plan 899AA
Lot 31	Block 6	Plan 899AA
Lot 32	Block 6	Plan 899AA

The lots are currently owned by the Crown and front onto Nanton St. See **Figure 10.0 – Hamlet Plan with Existing Lot Layout**. In the event that this Area Structure Plan is adopted, steps will be taken to have these lots turned over to Lethbridge County and consolidate them with proposed lot #13 at the appropriate cost.

A partial road closure of Nanton St. as well as the adjacent lane ways will also need to be undertaken.

4.3 DEVELOPMENT AGREEMENT

As stipulated by the Land Use Bylaw, the Developer will enter into a Development Agreement with the Lethbridge County. The development agreement will outline specific conditions for development of the site. It is expected that these will include:



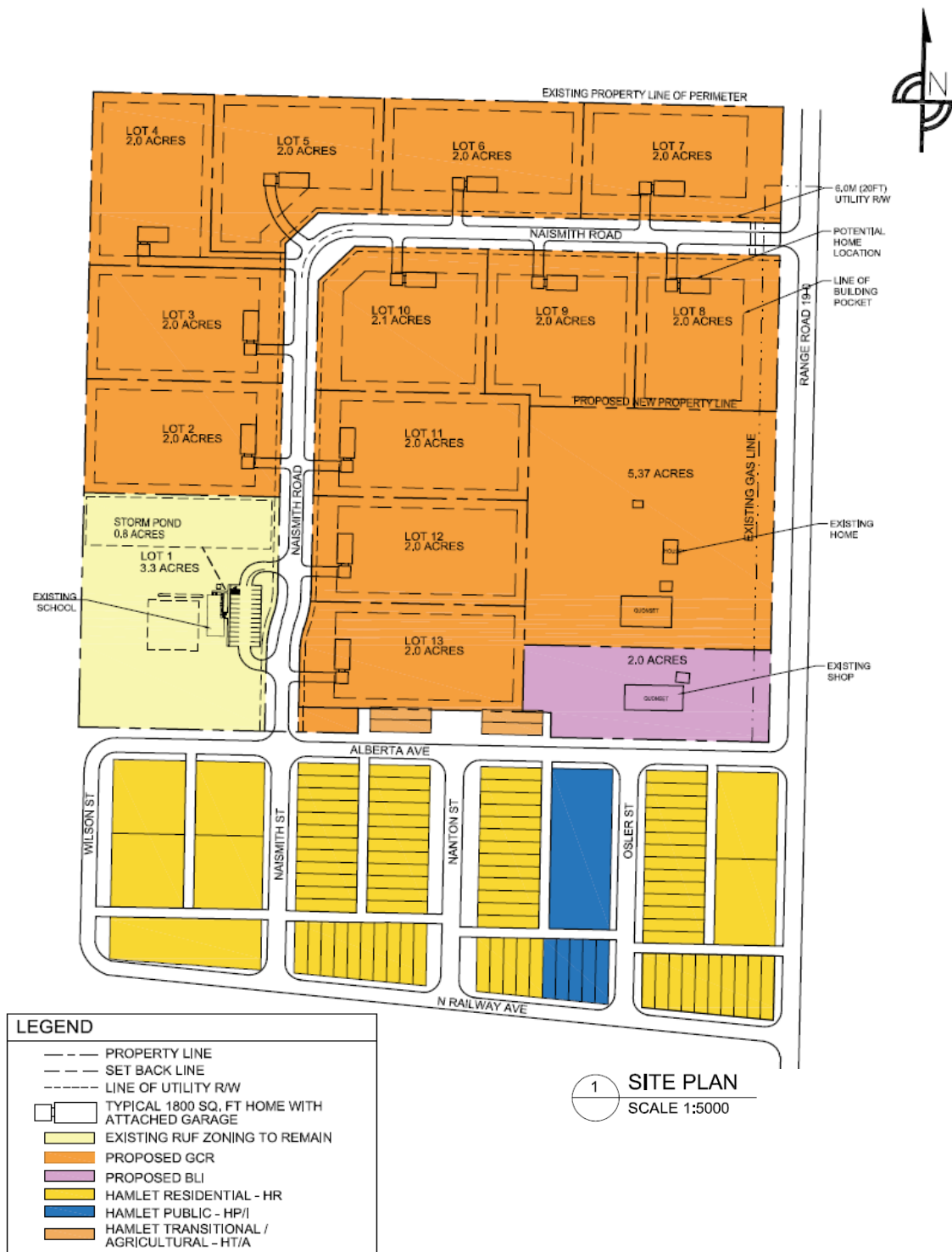


Figure 8.0 – Subdivision Layout





Lethbridge County
#100, 905 - 4th Ave S
Lethbridge, AB T1J 4E4
403-328-5525

FORM B

**LETHBRIDGE COUNTY
DEVELOPMENT PERMIT**

Pursuant to Land Use Bylaw No. 1404

Development Permit No: 2023-112

Applicant: Southern Alberta Christian Learning Centre, Box 1033, Coaldale, Alberta, T1M 1M8

In respect of works consisting of: Public / Institutional (School - 4,000 sq. ft.) with Accessory Structure (Playground – 14,400 sq. ft.)

On land located at: Plan 899AA Block A (94048 RR 190) and as described on plans submitted by the applicant.

This permit refers only to works outlined in Development Application No. 2023-112 and is **subject to the conditions contained herein:**

- The School and Playground shall be located as per the submitted site plan.
- The applicant shall enter into a Dust Control Agreement to apply Dust Control to Alberta Avenue on an annual basis.
- The area surrounding the playground shall be fenced, to the satisfaction of the Development Authority, to ensure that users do not present a hazard to traffic.
- Any signage on this parcel shall require a new Development Permit.
- Approval of all Building Permits (includes Plumbing, Electrical, Gas permits, and Private Sewage Disposal Systems) must be obtained *prior* to commencement. Building Permits are obtained through **Park Enterprises**, #10, 491 W.T. Hill Blvd. South, Lethbridge. Phone - (403) 329-3747.
- Any planned work in the County right-of-way (driveway, approaches, etc.) requires separate approval from the County Director of Public Operations (call 403-328-5525).

INFORMATIVE: Alberta Transportation and Economic Corridors has provided comment on this development, stating that a Roadside Development Permit is required for this development. See attached correspondence for details.

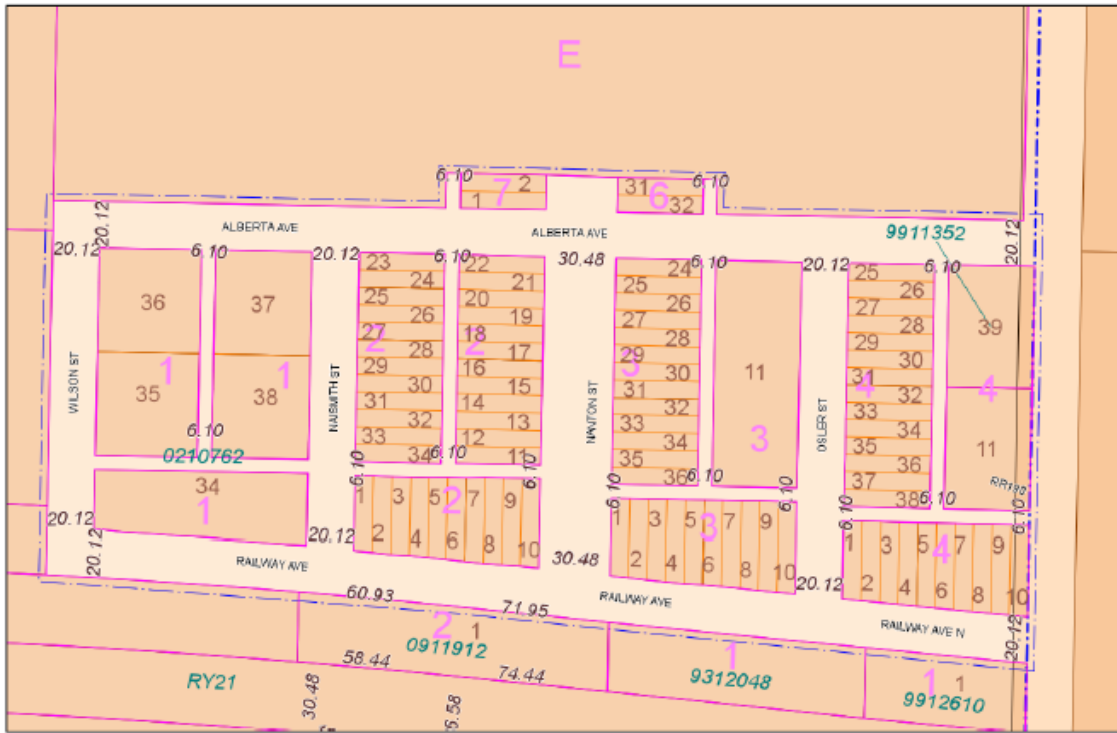
Date of Decision: July 25, 2023

Appeal Period Expiry Date: August 15, 2023

The above-mentioned permit is subject to an appeal period. Any person affected by a decision regarding a Development Permit may file an appeal with the Development Appeal Board within twenty-one (21) days of the date of decision (section 686 of the Municipal Government Act).

Figure 9.0 – School Development Permit





Hamlet of Chin
Growth Study

Remnant Hamlet Plan with Existing Lot Layout

1 1
9912610 Lot, Block and
Plan Number



Diagram sourced from Lethbridge County - Hamlet of Chin Growth Study, June 2020; prepared by Lethbridge County and Oldman River Regional Services Commission

Figure 10.0 – Hamlet Plan with Existing Lot Layout



- Standards and requirements for municipal infrastructure that will be constructed by the Developer and turned over to the County.
- Any other improvements deemed necessary to support the development.
- Timelines for completion of Developer-led improvements.

4.4 BUILDING SETBACKS

The useable building envelope within each lot will depend on the setbacks imposed by the County Land Use Bylaw and are summarized in the following table:

Criteria	County Land Use Bylaw
Building setback from centreline of a rural road	38.1 m (125 ft)
Front yard setback	15.2 m (50 ft)
Rear yard setback	6.1 m (20 ft)

Where Range Road 19-0 is considered a rural road, the building setbacks imposed by Schedule 6 of the Land Use Bylaw will govern the adjacent boundary of the proposed lots. The proposed front yard setback of the lots will be 15.2 m (50 ft). See **Figure 8.0 – Subdivision Layout**.

Shallow utility easements will be registered against the property to protect these installations. No building development will occur on these easements.

4.5 MUNICIPAL RESERVES

Municipal reserve will be owing on the parcel as cash in lieu of land.

4.6 DESIGN POPULATION AND DENSITY

For the purpose of this Area Structure Plan, the development population has been estimated using an assumed population of 3 persons per household (pph) and a total of 14 new residential lots. Therefore, the ultimate population for the development is:

$$14 \text{ lots} \times 3 \text{ pph} = 42 \text{ persons}$$

The overall population density is calculated by:



42 persons/11.33 = 3.7 persons per ha

The school will be occupied by some 70 students and 6 teachers from 8:30 am – 4:30 pm, Monday to Friday. Students will arrive and depart via school bus. Staff will travel to and from school by car.

4.7 PHASING

This development will be serviced and built out as one single phase. All improvements will be constructed and installed in a timely fashion as per the terms in the development agreement, should approval for this ASP be granted.



5. PROPOSED INFRASTRUCTURE

5.1 TRANSPORTATION

The developer is proposing that all 13 lots be serviced via a new gravel surface road with access off of RR 19-0 from the east and Alberta Ave from the south. New approaches for the access road will be constructed to meet Lethbridge County criteria. Culverts will be sized to meet County standards to ensure proper drainage along each side of the road. See **Figure 11.0 – Road Design**.

5.1.1 Traffic Generation

ISL Engineering has provided a Traffic Memo which reports that traffic generated from this proposed development will not negatively impact the existing infrastructure and further that current roads have the capacity for the additional traffic. See **Appendix B – Trip Generation Letters for both 19-0 and Highway 3 corridor**.

5.1.2 School Bus Routes

Access for school buses is provided by Alberta Ave and Range Road 19-0 which is located in the Municipal District of Taber.

5.1.3 Parking

It is assumed that all parking requirements will be satisfied on the individual lots.

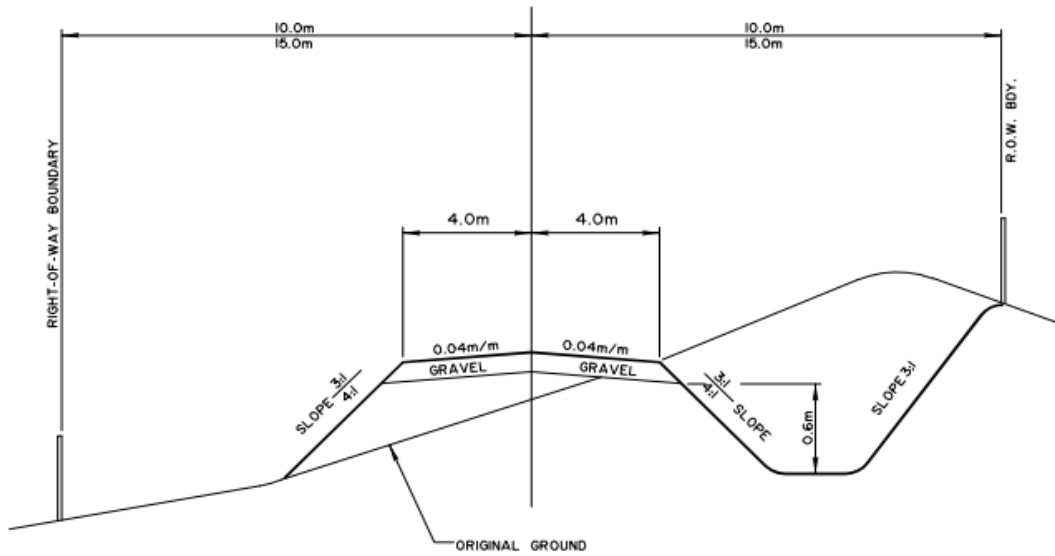
5.1.4 Range Road 19-0

The Municipal District of Taber was invited to make comment on this proposed development since it is adjacent to their boundary and Range Road 19-0 is in the Municipal District of Taber. On February 5th, 2024, the MD of Taber Development Authority made the following.

RESOLUTION #: 2024-0-036

That the Subdivision and Development Authority authorizes Administration to respond to the Lethbridge County advising Lethbridge County ensure the following are addressed within the proposed Area Structure Plan: Chin Grouped Country Residential:

- No additional approaches will be permitted off of Rge Rd 19-0
- Require a minimum 15m radius on all intersecting roads to Rge Rd 19-0



SURFACE WIDTH (m)	R.O.W. REQUIRED (m)	NORMAL SIDE SLOPE	MAXIMUM SIDE SLOPE	NORMAL BACK SLOPE	MAXIMUM BACK SLOPE	MINIMUM CURVE RADIUS (m)	MAXIMUM SUPER ELEVATION (m/m)	MAXIMUM GRADIENT (%)
8.0	20.0 - 30.0	4:1	3:1	3:1	3:1	300	0.08	7.0

NOTES:

1. IF ADDITIONAL RIGHT-OF-WAY IS REQUIRED, TRY TO OBTAIN BY BACKSLOPING AGREEMENT, OTHERWISE PURCHASE.


	TITLE:	<p style="text-align: center;">GRAVEL ROAD STANDARD CROSS-SECTION WITHIN A SUBDIVISION DEVELOPMENT</p>		SCALE:	N.T.S.
				DATE:	SEPTEMBER 2019
				STD. DWG NO.:	G-114
				APPROVED BY:	DIRECTOR OF MUNICIPAL SERVICES

Diagram sourced from Lethbridge County – Engineering Guidelines & Minimum Servicing Standards, September 2019; prepared by WSP

Figure 11.0 Road Design



Access to all of the proposed lots will be provided via the proposed new Naismith Street which eliminates any need for additional access points into Range Rd 19-0. The intersection of Naismith Street and RR 19-0 will have 15.0m radius surface. This Area Structure Plan therefore supports the comments from the MD of Taber.

5.2 MUNICIPAL SERVICING

5.2.1 Potable Water Supply

It is envisioned that domestic potable water will be supplied to the lots in one or a combination of the following 3 alternatives:

1. Cisterns could be installed below grade or within the basement of the homes as a vessel to store water. Potable water would be delivered by truck.
2. The Hamlet of Chin is serviced by the County of Lethbridge Rural Water Association. The association has acknowledged that the system is currently at capacity and that no further units are available in the foreseeable future. See **Figure 11.a - County of Lethbridge Rural Water Association letter**. The developer is providing a 10.0m (32'-10") utility right of way at the front of each lot to allow for future installation of a potable water pipeline should capacity become available.

It should be noted that all of the proposed lots are conditionally sold to buyers who are in agreement with cisterns as the method of providing potable water.

5.2.2 Domestic Wastewater

Domestic wastewater will be managed by means of individual on-site wastewater treatment systems for each lot. The geotechnical investigation completed by BDT Engineering Ltd. (attached as **Appendix A – Geotechnical Investigation**) and the report by Osprey Engineering Ltd. (**See Appendix C – Osprey's Septic Report**) confirms the feasibility of individual on-site wastewater treatment systems and provides general recommendations for their design and construction. Lot purchasers will be responsible for the installation of on-site wastewater treatment systems in accordance with the Alberta Private Sewage Systems Standard of Practice (2021).



RE: County of Lethbridge Rural Water Association
Availability of Units in Chin



Sid Bilcik via colrwa.onmicrosoft.com

Thu, Dec 7, 11:55 AM (13 days ago)

to Douglas

Hi Doug,
As to our conversation, the County of Lethbridge Rural Water Association currently does not have any water units available anywhere in our system.
I can not speculate if there will be any units available or upgrades in the future.

Sid Bilcik
Manager
County of Lethbridge Water Association
403-380-9791



Figure 11.a COLRWA Letter



5.2.3 Storm Water Drainage

Storm water drainage will be managed on site via a system of dedicated drainage swales which convey storm water to a dedicated storm pond. The grass swales will be located at the natural low point along the south boundary of the lots located central to the development. See **Figure 12.0b (Appendix F) Preliminary Roadway & Drainage Design**. These swales will be graded toward the storm pond at the westerly boundary of the site and protected by an easement to ensure County control. Areas of the parcel that currently naturally store storm water will be filled to prevent ponding in those areas.

The storm pond will be registered as a Public Utility lot in favor of the County. Excess drainage overflowing out of the existing ponding areas during major rainfall events will discharge to the Chin Reservoir via natural channels as per pre-development conditions. See **Appendix D – Osprey’s Storm Water Report**

There was no groundwater detected by the Geotechnical investigation which included five boreholes drilled to a depth of 5.0 metres. (see **Appendix A – Geotechnical Investigation**) Excavation and soils logs performed by Osprey Engineering do not indicate continued or frequent saturation of the natural depression areas. The proposed development does not impact runoff to a measurable degree.

The school site and the new roadway both require fill material. It is proposed to excavate a pond with side slopes of 5H:1V similar to a dry pond excavation. A pad will be provided to install a pump to de-water the pond when necessary. Discharge will be directed to grassed areas adjacent to the existing swale outlet.

All drainage areas will be protected by caveat, easement or right-of-way as required. Buildings adjacent to the existing and proposed drainage swale should be constructed with main floor and entrances above the 100-year maximum depth of ponding (elevation of 847.00m). The storm water plan will be formalized with the detailed engineering should this ASP be adopted.



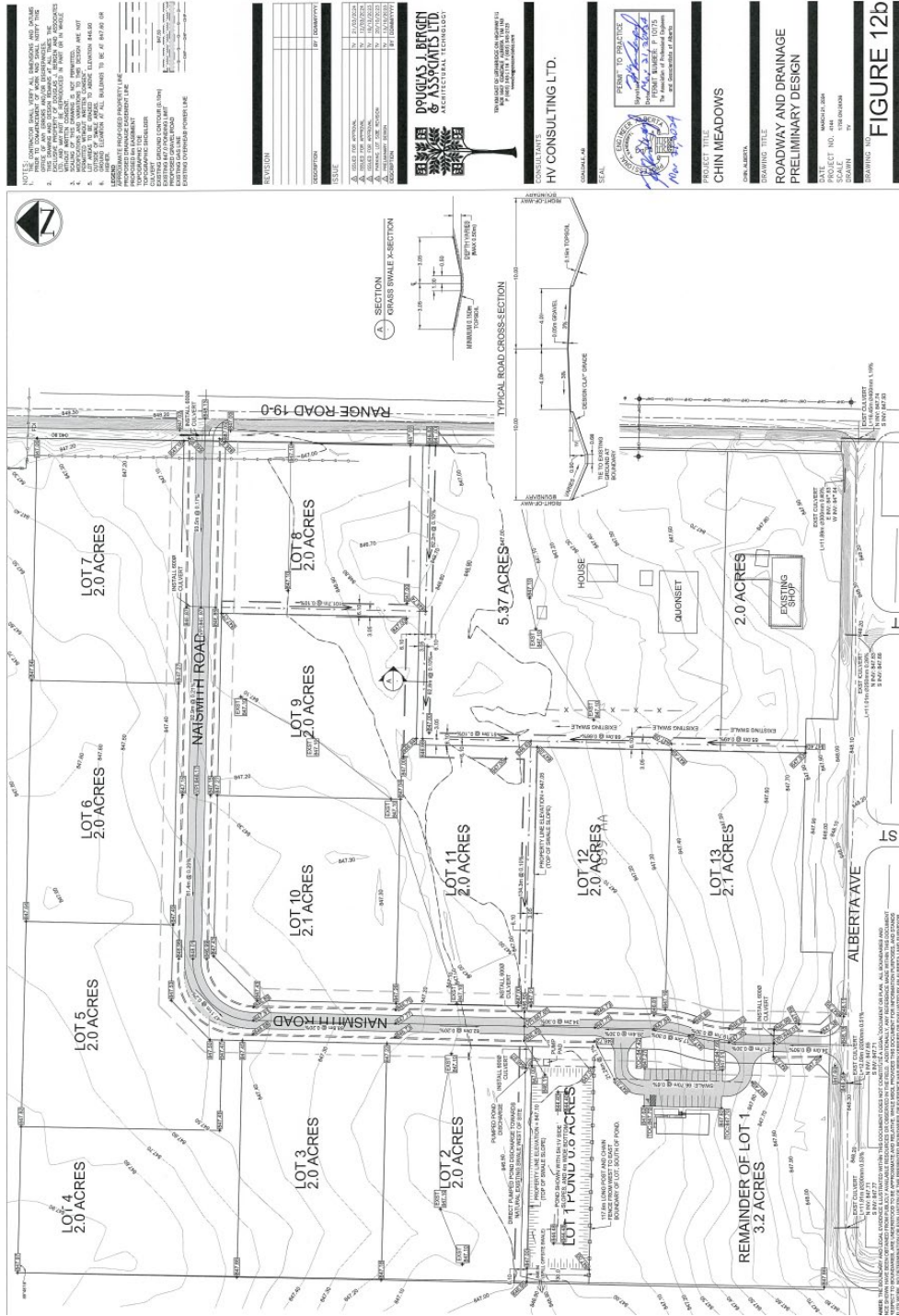


Figure 12.0b Preliminary Roadway & Drainage Design



5.2.4 Sewage Treatment and Dispersal

A Private Sewage Treatment Systems (PSTS) will be installed on each lot. Sizing of the system will be determined by the number of occupants in the residence as it relates to the Alberta Private Sewage Systems Standard of Practice (Safety Codes Council 2021).

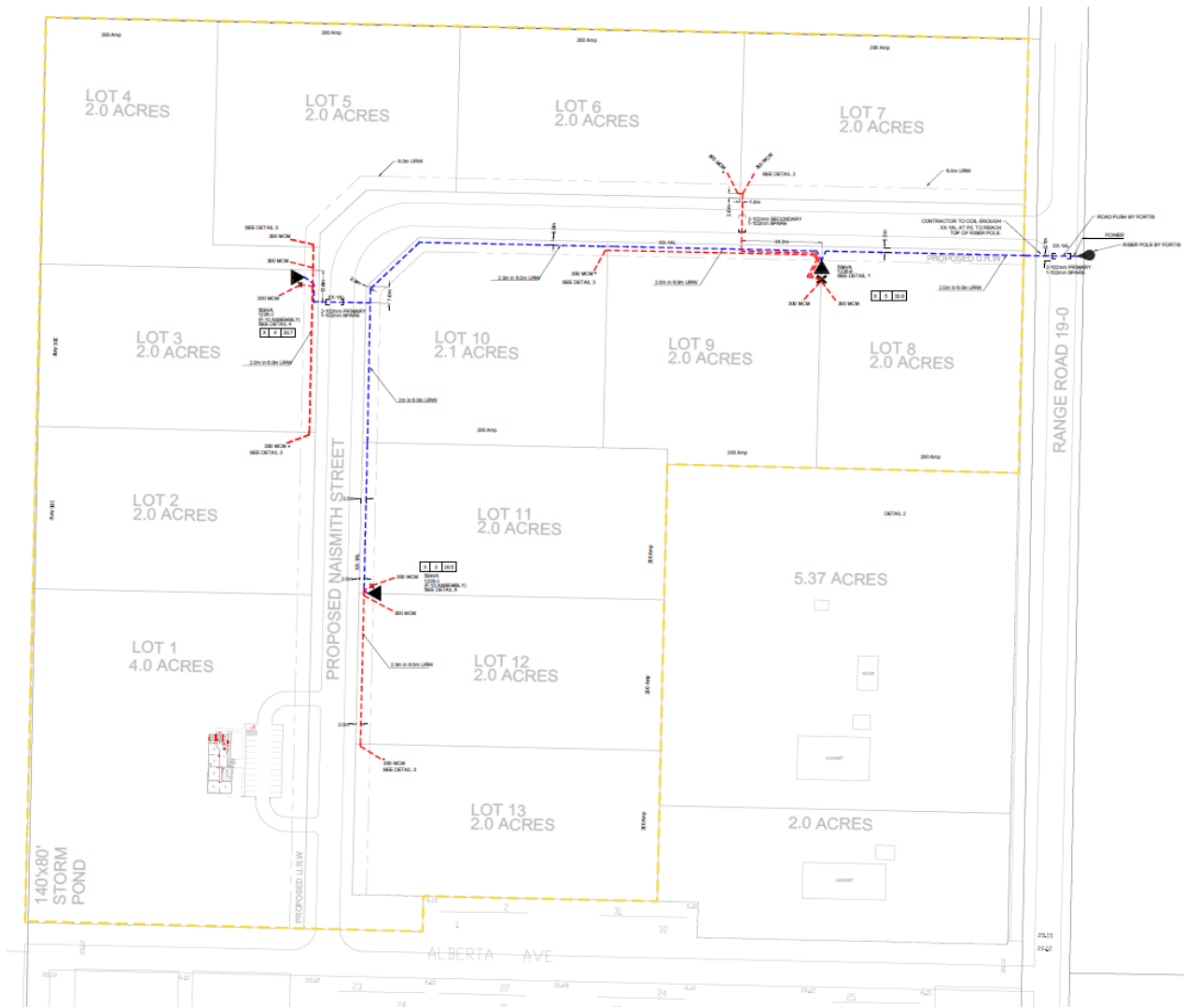
Osprey Engineering Inc. was retained to evaluate each site relative to its suitability for a PSTS. BDT Engineering's soils report was relied on and supplemented by onsite excavations for this evaluation. See **Appendix C – Osprey's Septic Report**.

5.3 PUBLIC UTILITIES

5.3.1 Electricity

Existing one-wire, single phase overhead power lines operated by Fortis Alberta are present along the east side of Range Road 19-0. Fortis has confirmed that their infrastructure is adequate to support the proposed development and that they are receptive to the development proposal. Service would be provided to each lot by means of underground infrastructure and pad mounted transformers. See **Figure 13.0 - Existing FORTIS Facilities**.





LEGEND:








-  Single Phase Padmount Transformer
-  3-Compartment Power Pedestal
-  Side box, power only
-  CABLE, Primary (#1AL)
-  CABLE, Secondary (300MCM)
-  Worst case voltage drop
-  Duct, PVC, Type DBII

Figure 13.0 – Existing FORTIS Facilities



5.3.2 Natural Gas

ATCO Gas has advised that there is an existing distribution line along the east side of Range Road 19-0. See **Figure 14.0 – ATCO Infrastructure**. Preliminary discussions with ATCO have suggested that their infrastructure can support the development. Details regarding the extension of natural gas distribution infrastructure will be confirmed following approval of the Area Structure Plan.

5.3.3 Telecommunication

Telus has advised that they have existing infrastructure along Range Road 19-0. Preliminary discussions with Telus have suggested that their existing facilities can support the proposed development. Details for extension of their infrastructure will be confirmed following approval of the Area Structure Plan.

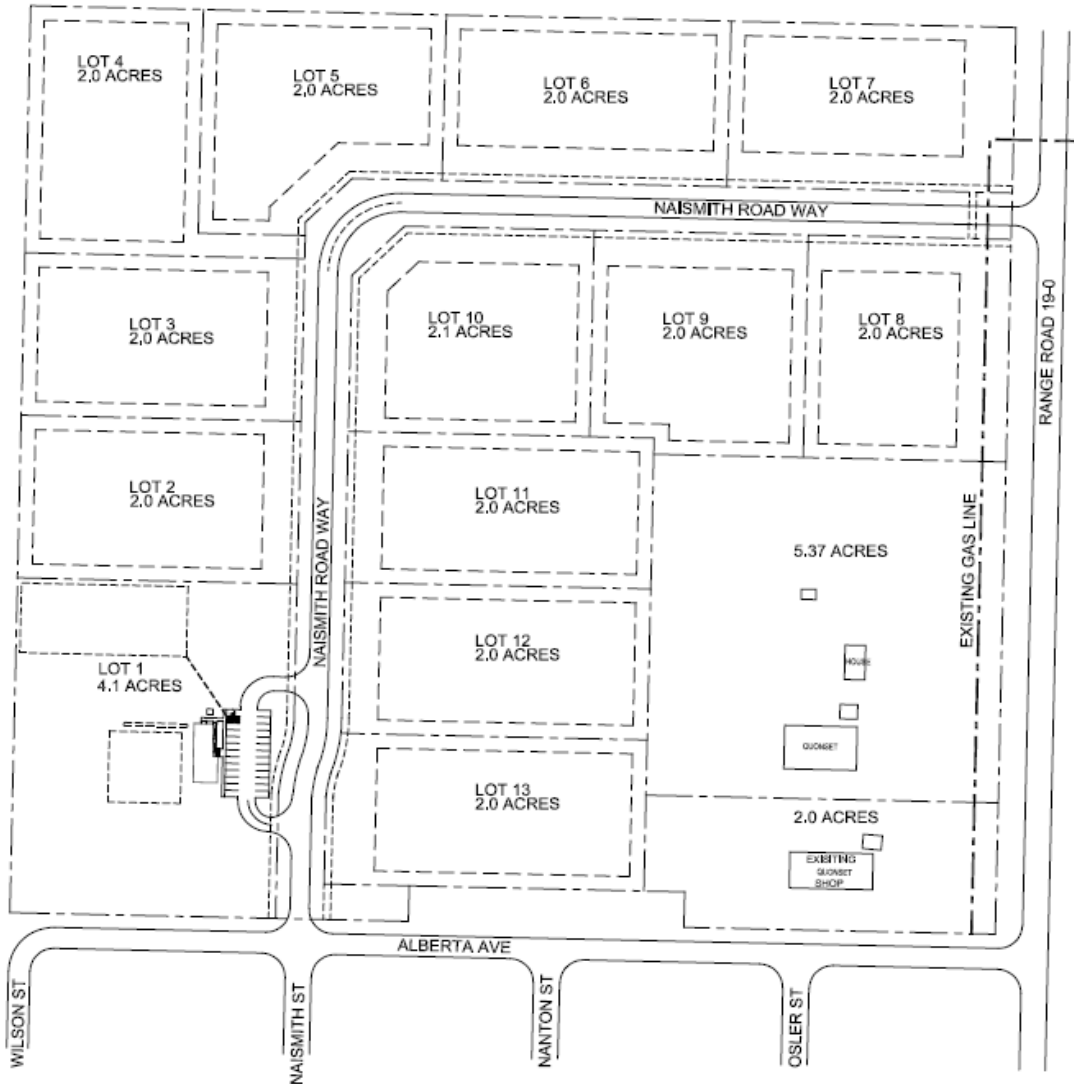
Shaw Cable has advised that they do not have existing infrastructure in the area immediately surrounding the site. Shaw has provided a preliminary estimate of the cost to extend their infrastructure to the site which is prohibitive. Shaw cable will therefore not be provided to the development.

Wireless communications services are also available in the area.

5.3.4 Right of Way

A 6.0m (20.0ft) right of way will be registered parallel to the front property line to accommodate shallow utilities. This right of way will provide ample room should a domestic water pipeline be considered at a future date.





1 SITE PLAN
SCALE 1:2500



Figure 14.0 – ATCO Infrastructure



5.4 PROTECTIVE SERVICES

5.4.1 Fire

Response to fire emergencies would be dispatched by the City of Lethbridge Emergency Dispatch Centre through the 911 system. The site is located within the Coaldale Rural Emergency Service Zone (ESZ) of the County and therefore the Coaldale Fire Department will respond to emergency calls.

5.4.2 Police

Police service in the area of the development is provided by the Royal Canadian Mounted Police (RCMP) from the Coaldale Detachment. Response to emergencies would be dispatched through the 911 system.

5.4.3 Ambulance

Emergency medical transport services in the area of the development are operated by Alberta Health services and would be dispatched through the 911 system. Ambulance services base stations are located in the City of Lethbridge, Town of Picture Butte and Town of Coaldale.

5.5 OTHER SERVICES

5.5.1 Solid Waste

Lot owners will be responsible for solid waste collection. The Lethbridge County operates a solid waste transfer station located in Coaldale. Lot owners also have the option to transport waste to the Lethbridge Regional Landfill. Alternatively, lot owners may contract with a private waste collection company for solid waste removal and disposal.

5.5.2 Mail Service

Application will be made to Canada Post for postal service to the new lots following approval of the Area Structure Plan.



6. ARCHITECTURAL CONTROLS

The proposed development will form a northerly exterior of the Hamlet of Chin as described in the Lethbridge County Hamlet of Chin Growth Study of June 2020, prepared by Lethbridge County and Oldman River Regional Services Commission.

It is therefore desirable that the architectural fabric of the proposed development be in keeping with that of existing conditions. The Hamlet of Chin is not subject to any Architectural Controls and therefore there are none proposed for this development.

7. IMPLEMENTATION AND DEVELOPMENT CONTROL

- This Area Structure Plan will become a Lethbridge County bylaw should it be adopted. Amendment to the Land Use Bylaw will follow accordingly.
- Once the Area Structure Plan is adopted, a subdivision application in keeping with the Area Structure Plan will be filed with Lethbridge County.
- Landowners will be responsible to acquire all permits required to further develop their lot including: Development Permit, Building Permit, Private Sewage Permit along with other utility permits required by the province.



8. ADJACENT LANDOWNER CONSULTATION AND OTHER CORRESPONDENCE

Notices were hand delivered to all residents of the Hamlet of Chin as well as other adjacent landowners inviting them to an open house held on December 19th, 2023. The open house ran from 5:00pm to 7:00 pm at the Peace Valley Church.

Neighbouring landowners were generally in favor with the proposed development.

9. MARKET DEMAND

The developer has received very favorable response to the marketing of the lots. All proposed lots have been conditionally sold subject to approvals.



10. CONCLUSION

This Area Structure Plan has been prepared and submitted to support the proposal of creating 13 Grouped Country Residential parcels and a school site north of the Hamlet of Chin for consideration by the Lethbridge County Council by way of an application for amendment of the Lethbridge County Land Use Bylaw. The proposed amendment would be supported by the formal adoption of this ASP by County Council. The proponents believe this proposal establishes the highest and best use of the property as 12 residential lots and one school site since a productive farming operation is not viable on the property.

This document has been drafted and assembled in consultation with local authorities as well as experts in the area of civil and geotechnical engineering. The ASP outlines the result of considerable consultation with the many stakeholders and we trust provides Lethbridge County with the information required to consider a request for reclassification of the lands.



APPENDIX A

Geotechnical Investigation





GEOTECHNICAL EVALUATION CHIN MEADOWS CHIN, ALBERTA

Prepared for: Douglas J. Bergen & Associates Ltd.
2023-139
August, 2023

BDT Engineering Ltd.
thurberbruce@outlook.com

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1.0 INTRODUCTION

This report presents the results of a geotechnical evaluation conducted by BDT Engineering Ltd. (BDT) for the proposed residential lands located east of Range Road 19-0 and north of Chin, AB.

The scope of work for this evaluation was outlined in a discussion and email with Douglas Bergen. The objective of this evaluation was to determine the general subsurface conditions in the area of the proposed development and provide recommendations for the geotechnical aspects of design and construction.

Authorization to proceed with this work was received from Mr. Bergen on August 10, 2023.

2.0 PROJECT DETAILS AND SCOPE OF WORK

Based on the information provided, the proposed development will consist of approximately 13 lots between about 2.0 acres to 4.1 acres. An internal access roadway is also envisioned.

The scope of work for this evaluation included drilling five (5) boreholes, a laboratory program to assist in classifying subsurface soils and a report providing the following design and construction recommendations:

- Design parameters for shallow foundations.
- Recommendations for Backfill materials and compaction.
- Design and construction provisions for control of groundwater and mitigation, if required.
- Concrete type for structural elements in contact with soils.
- Trench excavation recommendations as well as backfill materials, compaction and moisture content requirements.
- Recommendations for Seismic design

3.0 GEOTECHNICAL FIELD AND LABORATORY WORK

The fieldwork for this evaluation was carried out on August 21, 2023, using a truck mounted solid stem auger drill rig contracted from Chilako Drilling Services Ltd. of Coaldale, Alberta. The drill rig was equipped with 150 mm diameter solid stem continuous flight augers. The borehole locations are presented on Figure 1 in Appendix A.

Five boreholes, (BH001 to BH005), were drilled at locations across the development area.

Disturbed grab samples were obtained from each borehole at 0.75 m intervals. All soil samples were visually classified in the field, and the individual soil strata and the interface between them were noted. The borehole logs are presented in Appendix B. An explanation of the terms and symbols used on the borehole logs is also included in Appendix B.

A slotted 25 mm diameter PVC standpipe was installed in each of the boreholes to monitor groundwater levels. Auger cuttings were used to backfill around the standpipes and the boreholes were sealed at the surface with approximately 600 mm of bentonite chips.

Classification tests including natural moisture content, Atterberg Limits were subsequently performed on the collected borehole samples at BDT's Lethbridge Laboratory to aid in the determination of engineering properties. Laboratory results are noted on the borehole logs in Appendix B.

4.0 SITE AND SUBSURFACE CONDITIONS

4.1 SITE CONDITIONS

The site is located west of Range Road 19-0 and north of Chin, AB. At the time of the field drilling the lands were agricultural in nature. The site generally slopes to the south and west.

4.2 SOIL CONDITIONS

It should be noted that geological conditions are innately variable. At the time of preparation of this report, information on subsurface stratigraphy was available only at discreet borehole locations. In order to develop recommendations from this information, it is necessary to make some assumptions concerning conditions other than at the borehole locations. Adequate field reviews should be provided during construction to check that these assumptions are reasonable.

The general subsurface stratigraphy comprised surficial layer of topsoil, underlain by native clay and clay till in descending order. The following sections provide a summary of the soils encountered in the borehole logs. A more detailed description is provided on the borehole logs in Appendix B.

4.2.1 TOPSOIL

A layer of topsoil was encountered in all boreholes. The topsoil was consistently 100 mm thick across the site.

4.2.2 CLAY

Clay was encountered beneath the topsoil in all boreholes. The clay ranged in thickness from 600 mm to 800 mm. The clay was described as silty, sandy, firm to stiff, low plastic, damp and light brown. A gravelly sand layer about 300 mm thick was encountered in BH005 below the clay.

4.2.3 CLAY TILL

Clay till was encountered beneath the clay in all boreholes and present to the maximum depths drilled. The clay till was silty, sandy, with gravel. The clay till was firm to stiff, generally increasing slightly with depth, low to medium plastic, and damp to very moist. The clay till was olive brown. White precipitates, oxide stains and coal specks were noted in the clay till.

4.3 GROUNDWATER CONDITIONS

At the time of drilling, some sloughing and no seepage was encountered in the boreholes. The groundwater levels were measured on August 30, 2023. Table 4.3 summarizes the groundwater monitoring data.

Table 4.3 Groundwater Monitoring Data August 30, 2023

Borehole Number	Depth of Standpipe below Ground Surface (m)	Depth to groundwater from ground surface (m)
BH001	4.42	Dry
BH002	5.03	Dry
BH003	4.27	Dry
BH004	5.03	Dry
BH005	3.96	Dry

Groundwater is not expected to impact the proposed development. It is noted that groundwater levels will fluctuate seasonally in response to climatic conditions and may be at a different depth when construction commences. Groundwater levels should be monitored prior to development. The intent is to provide an early indication of dewatering requirements during excavations for underground utilities and foundations.

5.0 GEOTECHNICAL RECOMMENDATIONS

5.1 GENERAL

The recommendations that follow offer options intended to aid in the development of the area. The recommendations are provided on the understanding and condition that BDT will be retained to review the relevant aspects of the final design drawings and specifications and will be retained to conduct such field reviews as are necessary to ensure compliance with geotechnical aspects of the Building Code, this report, and final plans and specifications. BDT accepts no liability for any use of this report in the event that BDT is not retained to provide these review services.

Recommendations are provided for shallow footings, grade supported floor slabs, below grade construction, general site development and lot grading, trench excavation and backfill, backfill materials and compaction, roadway design considerations and concrete type.

Shallow footings are generally feasible for residential and light commercial/institutional buildings in all areas of the proposed development area. Further recommendations are provided in Section 5.10. However, because footings may be placed within areas of general engineered fill, quality assurance monitoring by geotechnical personnel is recommended during fill placement. It is noted that placement of foundations on engineering cohesive fill thicknesses greater than 1.5 m may require special consideration regarding long-term consolidation of the fill and subsequent performance issues with the foundations / floor slabs-on-grade.

Slabs-on-grade construction for the development area should consider the precautions recommended for slabs-on-grade, including the subgrade preparation measures intended to improve slab performance.

All foundation recommendations presented in this report are based on the assumption that an adequate level of monitoring will be provided during construction and that all construction will be carried out by suitably qualified contractors, experienced in foundation and earthworks construction. An adequate level of monitoring is considered to be:

- For earthworks, and underground utility construction, full-time monitoring and compaction testing.
- For shallow foundations and slabs, inspection of bearing surfaces prior to placement of concrete of mudslabs, and design review during construction.

All such monitoring should be carried out by suitably qualified persons, independent of the contractor. One of the purposes of providing an adequate level of monitoring is to check those recommendations, based on information collected at discrete borehole locations, are applicable to other areas of the site.

5.2 SITE PREPARATION

Subgrade preparation is required in all lots, where there will be grade changes, as well as all paved areas. This includes stripping of topsoil and deleterious fill materials, scarification, moisture conditioning, and compaction. The native clay and clay till soils are suitable for site grading purposes. The clay soils appear to be below the optimum moisture content (OMC) at shallower depths, and it is expected that moisture conditioning consisting of wetting and/or mixing will be required to reduce the swelling potential of this soil and to achieve the compaction standards recommended. Proof-rolling within roadways to detect soft areas is also recommended. The contractor should expect soil moisture variability across the site.

5.3 SITE GRADING

All lots, in the vicinity of the buildings, should be graded for drainage at a minimum of 2.0 %. The existing surficial site soils comprising clay and clay till are suitable for use as landscape fill materials or for use as general engineered fill materials for general grading. The moisture content of the site soils at surface generally appear to be slightly below their OMC and may require some wetting and/or mixing to achieve their anticipated OMC. General engineered fill materials for lot grading should be moisture conditions to within a range of -1 % to +2% of the OMC prior to compaction and compacted to a minimum of 98 % of SPD.

Further recommendations regarding backfill materials and compaction are in Appendix C.

5.4 CONSTRUCTION EXCAVATIONS

Excavations should be carried out in accordance with the Alberta Occupational Health and Safety (OH&S) Regulations. For this project, the depth for the majority of the excavations is assumed to be less than 3.0 m below existing ground surface. Excavations to deeper depths require special considerations. The following recommendations notwithstanding, the responsibility of trench and all excavation cutslopes resides with the Contractor and should take into consideration site-specific conditions concerning soil stratigraphy and groundwater. All excavations should be reviewed by a geotechnical engineer prior to personnel working within the base of the excavation.

Temporary excavations within stiff clay or clay till soils which are to be deeper than 1.5 m should have the sides shored and braced or the slopes should be cut back no steeper than 1.0 horizontal to 1.0 vertical (1H:1V)

Flatter sideslopes may be required in some areas where groundwater is encountered within sand layers, which may cause local sloughing and instability of the excavation sidewalls. In these instances, the excavation configuration design should be reviewed by experienced personnel, prior to allowing personnel to enter the base of the excavation. Vertical trench cuts using trench box wall support are not recommended for this project due to the inherent difficulty in compacting the backfill materials to an engineered standard, as well as the potential of cave-ins of the excavation sidewalls against the utility box.

Any encountered groundwater seepage should be directed towards sumps for removal. Conventional construction sump pumps should be capable of groundwater control.

Temporary surcharge loads, such as spill piles, should not be allowed within a distance equal to the depth of the excavation from an unsupported excavation face or 3.0m, whichever is greater, while mobile equipment should be kept back at least 3.0m. All excavation sideslopes should be checked regularly for signs of sloughing, especially after rainfall periods. Small earth falls from the sideslopes are a potential source of danger to workmen and must be guarded against.

General recommendations regarding construction excavations are included in Appendix C.

5.5 TRENCH EXCAVATION AND BACKFILL

The moisture content of the clay and clay till soils encountered across the site is generally below the anticipated optimum moisture content. It is expected that such soils will require slight wetting to achieve desired moisture content and proper compaction.

Trenches must be backfilled in such a way as to minimize the potential differential settlement and/or frost heave movements. A minimum density of 98% of Standard Proctor Density (SPD) is recommended for all trenches. Clay backfill should be uniformly moisture conditioned to between $\pm 2\%$ of optimum moisture content (OMC). The compacted thickness of each lift of backfill should not exceed 150 mm. In order to achieve this uniformity, the lift thickness and compaction criteria must be strictly enforced.

General recommendations for trench excavation and backfill are included in Appendix C.

5.6 SUBGRADE PREPARATION

For all roadways the upper 300 mm of clay or clay till soils should be scarified and uniformly moisture conditioned to between -1% of optimum and 2% over OMC. The subgrade should then be uniformly compacted to a minimum of 98% of SPD.

All deleterious and unsuitable materials, including any sand pockets, if encountered, should be excavated from under proposed fill areas during the reconstruction operations.

The clay, clay till soils encountered are acceptable for subgrade construction. Sand layers if encountered should be removed. Proof-rolling to detect soft areas once the subgrade preparation activities are completed is also recommended.

5.7 ROADWAY DESIGN RECOMMENDATIONS

The roadway design section for gravel 'Local' roadways, is recommended as follows:

Design Roadway Section	
Material Type	Gravel Surfaced
Granular Base Course	200 mm
Subgrade Preparation	300 mm

The above recommended pavement layer thicknesses generally refer to average values and recognize typical construction variability. As such, constructed layer thicknesses should satisfy the thickness tolerances identified in the City of Lethbridge Engineering Standards for granular materials.

The roadway design should include provisions for subsurface drainage of the pavement granular layers. It is understood that the roadway cross section for this development contemplates a semi-rural cross section. Therefore, the granular layers should daylight to the ditches where possible.

5.8 CEMENT TYPE

Based on BDT's local experience with the local soils, as well as the laboratory testing conducted to determine soluble sulphate levels, the properties of concrete for foundations in contact with soil or groundwater shall meet the requirements of CSA A23.1-14 Class S-2 exposure and have a minimum specified 56-day compressive strength of 32 MPa.

For this exposure classification, alternatives include the usage of Type HS Portland cement or blends of cement and supplementary cementing materials conforming to Type HS and/or Type HSb cements.

5.9 LIMIT STATES DESIGN

The design parameters provided in the following sections may be used to calculate the ultimate foundation capacity in each case. For Limit States Design (LSD) methodology, in order to calculate the factored load capacity, the appropriate Soil Resistance Factors must be applied to each loading conditions as follows:

Factored Capacity = Ultimate Capacity X Soil Resistance Factors

In general, the following soil resistance factors in Table 5.9 must be incorporated into the foundation design. These factors are considered to be in accordance with the CFEM (2006).

Table 5.9 Soil Resistance Factors

Item	Soil Resistance Factor
Shallow Foundations	
Bearing Resistance	0.5
Passive Resistance	0.5
Horizontal resistance (sliding)	0.8

5.10 SHALLOW FOUNDATIONS

Shallow foundations, should be constructed a minimum of 1.4 m below the final design ground surface (frost protection requirements). Based on the soil stratigraphy and conditions on this site, it is recommended that shallow footings be founded on the clay or clay till.

The ultimate static bearing pressure for the design of strip and spread footings at these depths may be taken as 200 KPa for the clay or clay till. Factoring should be considered as noted in section 5.9. Footing dimensions should be in accordance with the minimum requirements of the Building Code.

Bearing certification by a geotechnical engineer is recommended to ensure that the shallow foundations are placed on competent native soils. If softer native soils are encountered at footing level, recommendations may be provided to lower the footing elevations to materials satisfying the design bearing capacity or to widen the footings within these areas. This should be a field determination at the time of bearing observation.

The anticipated foundation soils are of a low to medium plasticity, and therefore, are prone to volume changes (both heave and settlement) with varying moisture content. Exposed soils beneath building structures must be protected against changes in moisture content during construction to reduce the risk of heaving. A permanent weeping tile system is also recommended around the outside perimeter of any structure at the foundation elevation to maintain a consistent moisture profile of the foundation soils.

Settlement of footings designed and constructed in accordance with the above recommendations should be well within the normally tolerated values of 25 mm total and 15 mm differential at factored loading. If this range of settlement is not tolerable, then a pile foundation system may be considered for the building.

Further recommendations regarding shallow foundations are presented in Appendix C.

5.11 FLOOR SLABS-ON-GRADE

For construction of floor slabs-on-grade for buildings in the development area the subgrade should be scarified to a minimum depth of 300 mm, and moisture conditioned to within -1% to +2% of the OMC. The minimum compaction should be 98% of SPD. The prepared subgrade

should be proof-rolled and any soft or loose pockets detected should be reconditioned as recommended above or over-excavated and replaced with general engineered fill.

A levelling course of clean well-graded crushed gravel, at least 150 mm in compacted thickness, is recommended directly beneath the slabs-on-grade, unless a thicker course is required for structural purposes. The subgrade beneath slabs-on-grade should be protected at all times from moisture or exposure which may cause softening or disturbance of the subgrade soils. This applies during and after the construction period (and before and after replacement of the required general engineered fill). Should the exposed surface become saturated or disturbed, it should be reworked to achieve the above standards. If the subgrade is properly prepared as noted above, floor slab movements should be limited to less than approximately 25 mm. Slabs-on-grade should be separated from bearing members to allow some differential movement. If this range of differential movement is unacceptable, the owner should consider a structurally supported floor.

Recommended procedures for proof-rolling and backfill materials and further recommendations for slabs-on-grade construction are included in Appendix C.

5.12 BELOW GRADE WALLS

All below-grade walls should be designed to resist lateral earth pressure in an “at-rest” condition. This condition assumes a triangular pressure distribution and may be calculated using the following expression:

$$P_o = K_o (\gamma H + Q)$$

Where: P_o = Lateral earth pressure “at-rest” condition (no wall movement occurs at a given depth)

K_o = Coefficient of earth pressure “at-rest” condition (use 0.5 for cohesive backfill and 0.45 for sand and gravel backfill)

γ = Bulk unit weight of backfill soil (use 19 or 21 kN / m³ for cohesive or granular backfill, respectively).

H = Depth below final grade (m).

Q = Surcharge pressure at ground level (kPa).

It is assumed that drainage is provided for all below-grade walls through the installation of the weeping tile, and hydrostatic pressure will not be a factor in design. An acceptable weeping tile system should consist of a perforated weeping tile wrapped in a geosock or geotextile fabric, in turn surrounded with a minimum of 150 mm thick covering of washed rock (maximum size 25 mm). The weeping tile should have a minimum 0.5 % slope leading to a sump. The preferred method would be to have the sump discharge any water accumulation remotely from the building footprint towards ditches or other stormwater conveyance features. Based on site conditions it is anticipated that the sump pump will run intermittently and more often during and after rain events.

Backfill around concrete walls should not commence before the concrete has reached a minimum two-thirds of its design strength and the walls are laterally braced. Only hand-operated compaction equipment should be employed within 600 mm of the concrete walls. Caution should be used when compacting backfill to avoid high lateral loads caused by excessive compactive effort. A compaction standard of 95 % Standard Procter Density is recommended. To avoid differential wall pressures, the backfill should be brought up evenly around the walls. A minimum 600 mm thick clay cap should be placed at the ground surface to reduce the infiltration of surface water.

5.13 FROST PROTECTION

For protection against frost-action, perimeter footings in heated structures should be extended to such depths as to provide a minimum soil cover of 1.4 m. Isolated or exterior footings in unheated structures should have a minimum soil cover of 2.1 m unless provided with equivalent insulation.

Pipes buried with less than 2.1 m of soil cover should be protected with insulation to avoid frost effects that might cause damage to or breakage of the pipes. Rigid insulation placed under areas subject to vehicular wheel loadings should be provided with a minimum thickness of 600 mm of compacted granular base.

5.14 SEPTIC FIELDS

The Safety Codes Council's, Alberta Private Sewage Systems Standard of Practice, 2021, notes that percolation testing can be used in support of a design that used site specific investigation. Previous percolation testing conducted on similar soils indicated percolation rates close to 24 mins/cm (clay), which indicates the area surficial soils may be suitable for septic field development.

For design purposes, groundwater is expected to be measured below 4.5 m from the ground surface and is not expected to impact the design of the fields. The slopes of the area are less than 10 %. Soils within the top 900 mm of the surface are generally considered to be a clay (C) or silty clay (SIC). The topsoil encountered on the site, may be considered a silty clay loam. Surface water features are located beyond the 100 m threshold and there are no bedrock outcrops in the area.

During installation of the weeping trenches, the installer should pay close attention to the soil conditions encountered, to define the extent of any silt or sand pockets (areas subject to faster percolation rates) or medium to high plastic clays (areas of slower percolation rates). These should be immediately reported to the disposal field designer for review prior to completion of the septic disposal field.

5.15 SEISMIC DESIGN

The site classification recommended for seismic site response is Classification D, as noted in Table 4.1.8.4a of the NBCC.

6.0 DESIGN AND CONSTRUCTION GUIDELINES

General design and construction guidelines are provided in Appendix D, under the following supplemental heading:

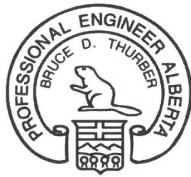
- Shallow Foundations
- Floor Slabs-on-Grade
- Backfill Materials and Compaction
- Construction Excavations
- Proof Rolling

These guidelines are intended to present standards of good practice. Although supplemental to the main text of this report, they should be interpreted as part of the report. Design recommendations presented herein are based on the premise that these guidelines will be followed. The design and construction guidelines are not intended to represent detailed specifications for the works although they may prove useful in the preparation of such specifications. In the event of any discrepancy between the main text of this report and Appendix D, the main text should govern.

7.0 CLOSURE

We trust this report meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully Submitted



BDT
Sept 13/23

Bruce D. Thurber, P.Eng.
BDT Engineering Ltd.

P13556

APPENDIX A – SITE PLAN SHOWING BOREHOLE LOCATIONS

**Figure 1 – Site Plan
Borehole Location**



APPENDIX B – BOREHOLE LOGS

TERMS USED ON BOREHOLE LOGS

TERMS DESCRIBING CONSISTENCY OR CONDITION

COARSE GRAINED SOILS (major portion retained on 0.075mm sieve): Includes (1) clean gravels and sands, and (2) silty or clayey gravels and sands. Condition is rated according to relative density, as inferred from laboratory or in situ tests.

DESCRIPTIVE TERM	RELATIVE DENSITY	N (blows per 0.3m)
Very Loose	0 TO 20%	0 to 4
Loose	20 TO 40%	4 to 10
Compact	40 TO 75%	10 to 30
Dense	75 TO 90%	30 to 50
Very Dense	90 TO 100%	greater than 50

The number of blows, N, on a 51mm O.D. split spoon sampler of a 63.5kg weight falling 0.76m, required to drive the sampler a distance of 0.3m from 0.15m to 0.45m.

FINE GRAINED SOILS (major portion passing 0.075mm sieve): Includes (1) inorganic and organic silts and clays, (2) gravelly, sandy, or silty clays, and (3) clayey silts. Consistency is rated according to shearing strength, as estimated from laboratory or in situ tests.

DESCRIPTIVE TERM	UNCONFINED COMPRESSIVE STRENGTH (KPA)
Very Soft	Less than 25
Soft	25 to 50
Firm	50 to 100
Stiff	100 to 200
Very Stiff	200 to 400
Hard	Greater than 400

NOTE: Slickensided and fissured clays may have lower unconfined compressive strengths than shown above, because of planes of weakness or cracks in the soil.

GENERAL DESCRIPTIVE TERMS

- Slickensided - having inclined planes of weakness that are slick and glossy in appearance.
- Fissured - containing shrinkage cracks, frequently filled with fine sand or silt; usually more or less vertical.
- Laminated - composed of thin layers of varying colour and texture.
- Interbedded - composed of alternate layers of different soil types.
- Calcareous - containing appreciable quantities of calcium carbonate.;
- Well graded - having wide range in grain sizes and substantial amounts of intermediate particle sizes.
- Poorly graded - predominantly of one grain size, or having a range of sizes with some intermediate size missing.

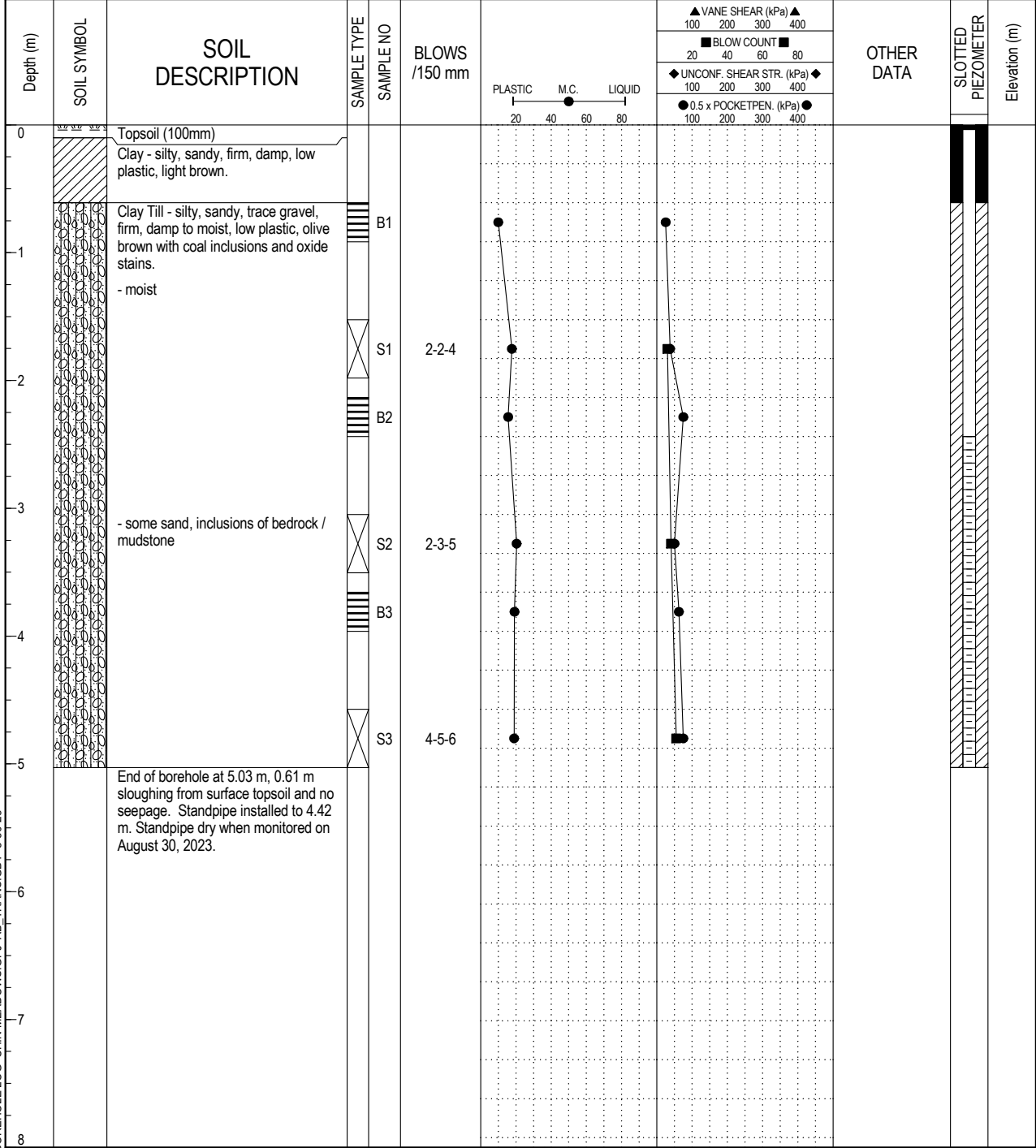
MODIFIED UNIFIED SOIL CLASSIFICATION

MAJOR DIVISION		GROUP SYMBOL	TYPICAL DESCRIPTION	LABORATORY CLASSIFICATION CRITERIA			
COARSE-GRAINED SOILS More than 50% retained on 75 µm sieve*	GRAVELS 50% or more of coarse fraction retained on 4.75 mm sieve	CLEAN GRAVELS	GW	Well-graded gravels and gravel-sand mixtures, little or no fines	Classification on basis of percentage of fines GW, GP, SW, SP, GM, GC, SM, SC Borderline Classification requiring use of dual symbols		
		GRAVELS WITH FINES	GP	Poorly graded gravels and gravel-sand mixtures, little or no fines			
		CLEAN SANDS	GM	Silty gravels, gravel-sand-silt mixtures			
		SANDS WITH FINES	GC	Clayey gravels, gravel-sand-clay mixtures			
	SANDS More than 50% of coarse fraction passes 4.75 mm sieve	CLEAN SANDS	SW	Well-graded sands and gravelly sands, little or no fines	Classification on basis of percentage of fines Less than 5% Pass 75 µm sieve More than 12% Pass 75 µm sieve 5% to 12% Pass 75 µm sieve		
		SANDS WITH FINES	SP	Poorly graded sands and gravelly sands, little or no fines			
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures			
		SANDS WITH FINES	SC	Clayey sands, sand-clay mixtures			
				$C_u = D_{60} / D_{10}$ Greater than 4 $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ Between 1 and 3			
				Not meeting both criteria for GW Atterberg limits plot below "A" line or plasticity index less than 4 Atterberg limits plot above "A" line or plasticity index greater than 7			
		$C_u = D_{60} / D_{10}$ Greater than 6 $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ Between 1 and 3					
		Not meeting both criteria for SW Atterberg limits plot below "A" line or plasticity index less than 4 Atterberg limits plot above "A" line or plasticity index greater than 7					
FINE-GRAINED SOILS (by behavior) 50% or more passes 75 µm sieve*	SILTS Liquid limit	<50	ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands of slight plasticity	For classification of fine-grained soils and fine fraction of coarse-grained soils. 		
		>50	MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts			
	CLAYS Above "A" line on plasticity chart negligible organic content Liquid limit	<30	CL	Inorganic clays of low plasticity, gravelly clays, sandy clays, silty clays, lean clays			
		30-50	CI	Inorganic clays of medium plasticity, silty clays			
		>50	CH	Inorganic clays of high plasticity, fat clays			
	ORGANIC SILTS AND CLAYS Liquid limit	<50	OL	Organic silts and organic silty clays of low plasticity			
		>50	OH	Organic clays of medium to high plasticity			
	HIGHLY ORGANIC SOILS		PT	Peat and other highly organic soils		*Based on the material passing the 75 mm sieve Reference: ASTM Designation D2487, for identification procedure see D2488, USC as modified by PFRA	
	SOIL COMPONENTS					OVERSIZE MATERIAL	
	FRACTION	SIEVE SIZE		DEFINING RANGES OF PERCENTAGE BY MASS OF MINOR COMPONENTS		Rounded or subrounded COBBLES 75 mm to 300 mm BOULDERS > 300 mm Not rounded ROCK FRAGMENTS >75 mm ROCKS > 0.76 cubic metre in volume	
GRAVEL	PASSING	RETAINED	PERCENTAGE	DESCRIPTOR			
	coarse	75 mm	19 mm	>35 %	"and"		
	fine	19 mm	4.75 mm	21 to 35 %	"y-adjective"		
SAND	coarse	4.75 mm	2.00 mm	10 to 20 %	"some"		
	medium	2.00 mm	425 µm	>0 to 10 %	"trace"		
	fine	425 µm	75 µm				
SILT (non plastic) or CLAY (plastic)	75 µm		as above but by behavior				

Project: Chin Meadows
 Client: Douglas J. Bergen & Associates Ltd.
 Solid Stem Auger

BOREHOLE NO: **BH001**
 PROJECT NO: 2023-139
 ELEVATION:

SAMPLE TYPE SHELBY TUBE CORE SAMPLE SPT SAMPLE GRAB SAMPLE NO RECOVERY
 BACKFILL TYPE BENTONITE PEA GRAVEL SLOUGH GROUT DRILL CUTTINGS SAND



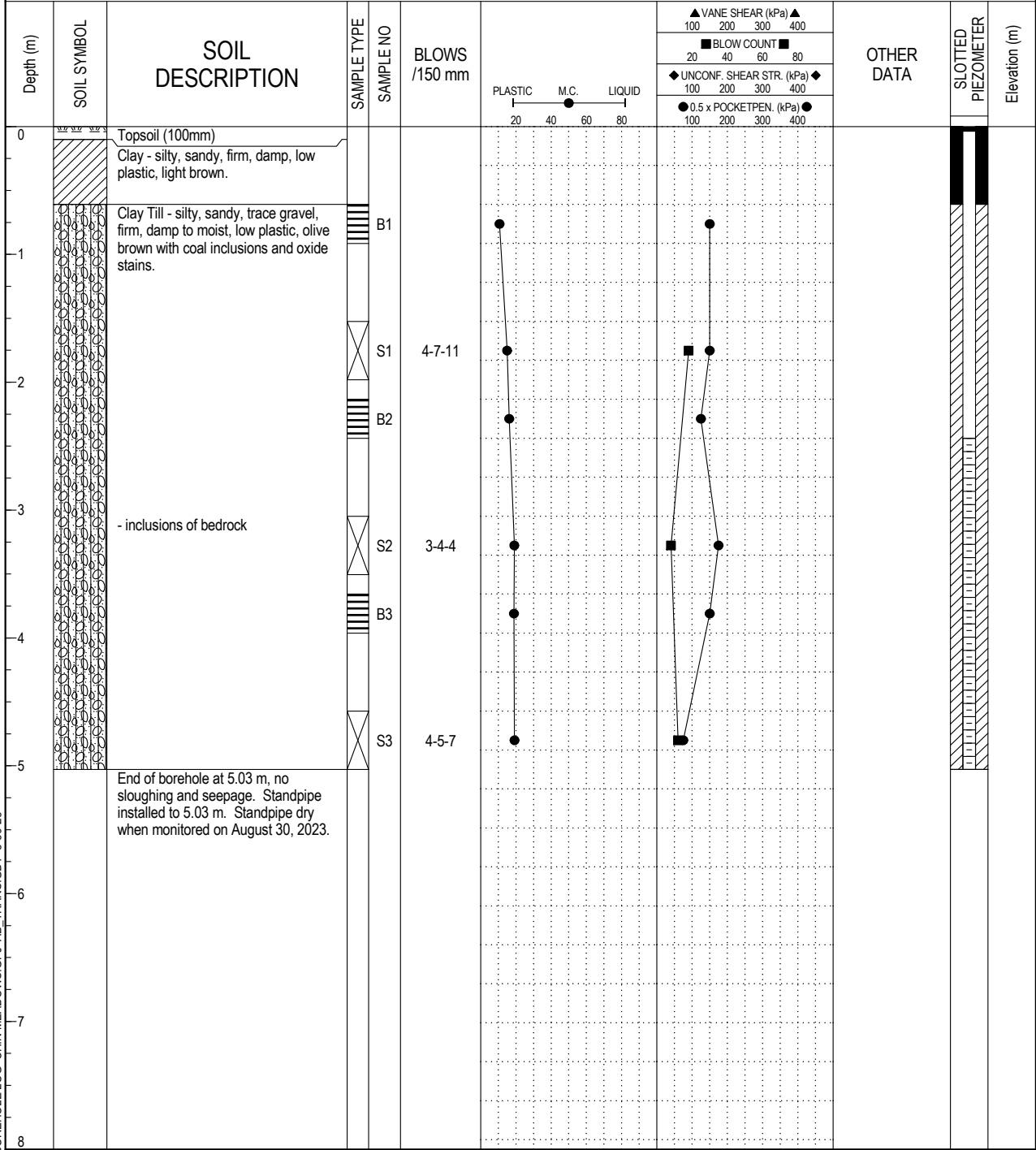
AB TRANS BOREHOLE LOG CHIN MEADOWS.GPJ AB_TRANS.GDT 8-30-23

LOGGED BY: CA
 REVIEWED BY: BDT
 COMPLETION DEPTH: 5.03 m
 COMPLETION DATE: 8-21-23

Project: Chin Meadows
 Client: Douglas J. Bergen & Associates Ltd.
 Solid Stem Auger

BOREHOLE NO: **BH002**
 PROJECT NO: 2023-139
 ELEVATION:

SAMPLE TYPE SHELBY TUBE CORE SAMPLE SPT SAMPLE GRAB SAMPLE NO RECOVERY
 BACKFILL TYPE BENTONITE PEA GRAVEL SLOUGH GROUT DRILL CUTTINGS SAND



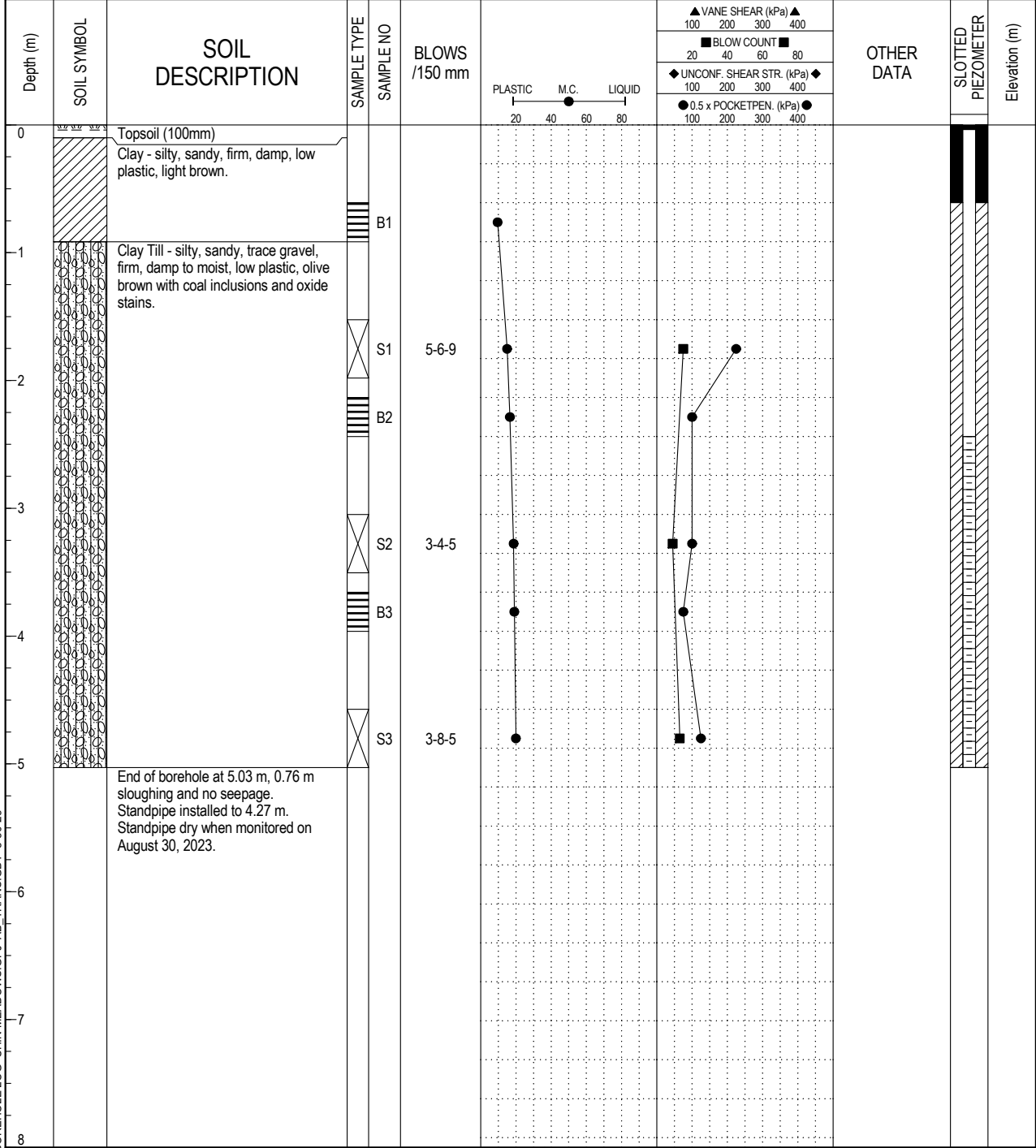
AB TRANS BOREHOLE LOG - CHIN MEADOWS.GPJ AB_TRANS.GDT 8-30-23

LOGGED BY: CA
 REVIEWED BY: BDT
 COMPLETION DEPTH: 5.03 m
 COMPLETION DATE: 8-21-23

Project: Chin Meadows
 Client: Douglas J. Bergen & Associates Ltd.
 Solid Stem Auger

BOREHOLE NO: **BH003**
 PROJECT NO: 2023-139
 ELEVATION:

SAMPLE TYPE SHELBY TUBE CORE SAMPLE SPT SAMPLE GRAB SAMPLE NO RECOVERY
 BACKFILL TYPE BENTONITE PEA GRAVEL SLOUGH GROUT DRILL CUTTINGS SAND

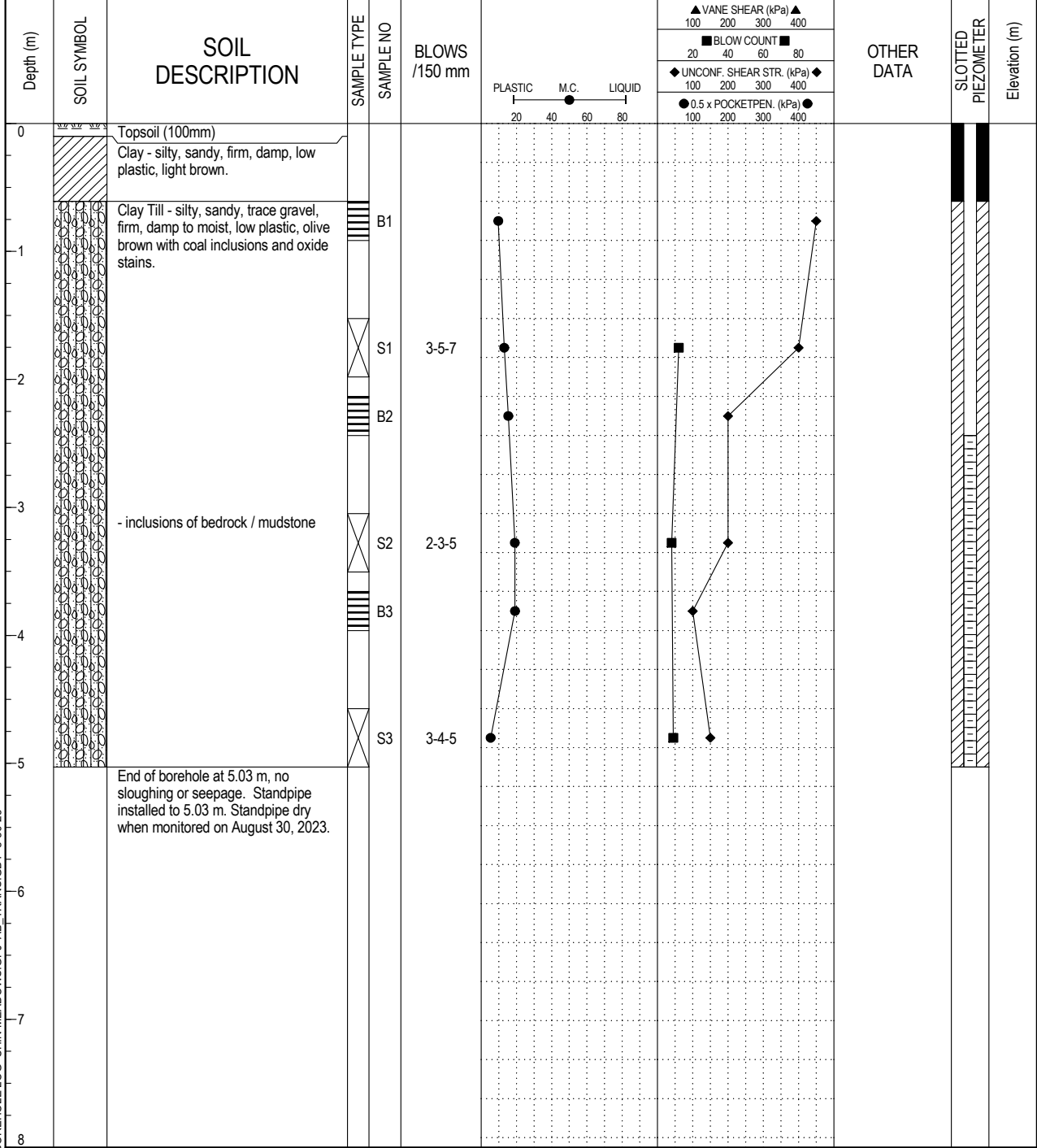


AB TRANS BOREHOLE LOG - CHIN MEADOWS.GPJ AB_TRANS.GDT 8-30-23

LOGGED BY: CA
 REVIEWED BY: BDT
 COMPLETION DEPTH: 5.03 m
 COMPLETION DATE: 8-21-23

Project: Chin Meadows	BOREHOLE NO: BH004
Client: Douglas J. Bergen & Associates Ltd.	PROJECT NO: 2023-139
Solid Stem Auger	ELEVATION:

SAMPLE TYPE	<input checked="" type="checkbox"/> SHELBY TUBE	<input checked="" type="checkbox"/> CORE SAMPLE	<input checked="" type="checkbox"/> SPT SAMPLE	<input type="checkbox"/> GRAB SAMPLE	<input type="checkbox"/> NO RECOVERY	
BACKFILL TYPE	<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND



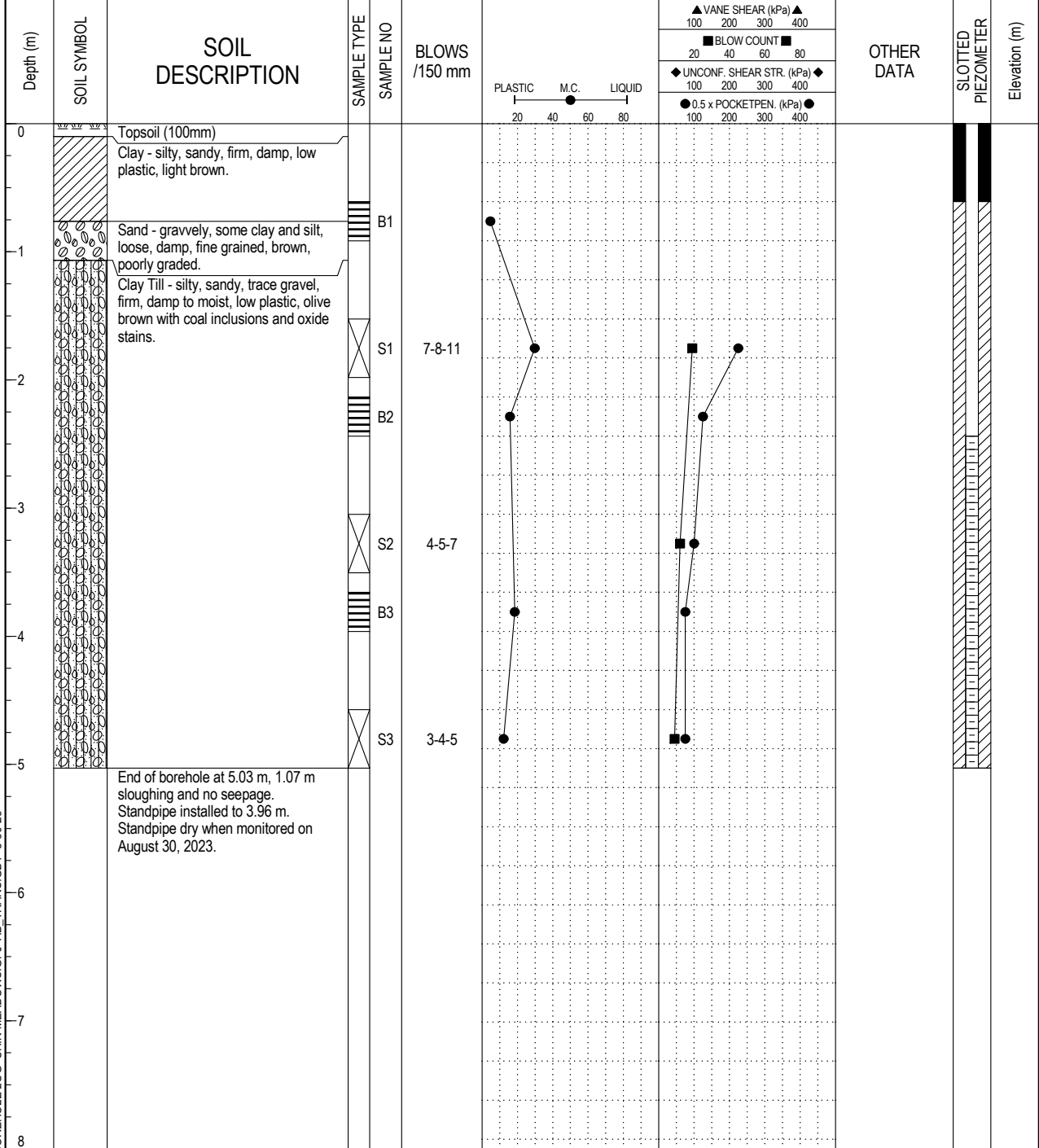
AB TRANS BOREHOLE LOG - CHIN MEADOWS.GPJ AB_TRANS.GDT 8-30-23

LOGGED BY: CA	COMPLETION DEPTH: 5.03 m
REVIEWED BY: BDT	COMPLETION DATE: 8-21-23

Project: Chin Meadows
 Client: Douglas J. Bergen & Associates Ltd.
 Solid Stem Auger

BOREHOLE NO: **BH005**
 PROJECT NO: 2023-139
 ELEVATION:

SAMPLE TYPE SHELBY TUBE CORE SAMPLE SPT SAMPLE GRAB SAMPLE NO RECOVERY
 BACKFILL TYPE BENTONITE PEA GRAVEL SLOUGH GROUT DRILL CUTTINGS SAND



AB TRANS BOREHOLE LOG - CHIN MEADOWS.GPJ AB_TRANS.GDT 8-30-23

LOGGED BY: CA
 REVIEWED BY: BDT
 COMPLETION DEPTH: 5.03 m
 COMPLETION DATE: 8-21-23

APPENDIX C – GENERAL CONSTRUCTION GUIDELINES

Shallow Foundations

Design and construction of shallow foundations should comply with relevant Building Code requirements.

The term 'shallow foundations' includes strip and spread footings, mat slab and raft foundations. Minimum footing dimensions in plan should be 0.45m and 0.9m for strip and square footings respectively.

No loose, disturbed or sloughed material should be allowed to remain in open foundation excavations.

Hand cleaning should be undertaken to prepare an acceptable bearing surface. Recompaction of disturbed or loosened bearing surface may be required.

Foundation excavations and bearing surfaces should be protected from rain, snow, freezing temperatures, excessive drying and the ingress of free water before, during and after footing construction.

Footing excavations should be carried down into the designated bearing stratum.

After the bearing surface is approved, a mud slab should be poured to protect the soil and provide a working surface for construction, should immediate foundation construction not be intended. All constructed foundations should be placed on unfrozen soils, which should be at all times protected from frost penetration.

All foundation excavations and bearing surfaces should be inspected by a qualified geotechnical engineer to check that the recommendations contained in this report have been followed.

Where over-excavation has been carried out through a weak or unsuitable stratum to reach into a suitable bearing stratum or where a foundation pad is to be placed above stripped natural ground surface such over-excavation may be backfilled to subgrade elevation utilizing either structural fill or lean-mix concrete. These materials are defined under the separate heading 'Backfill Materials and Compaction'.

Floor Slabs-on-Grade

All soft, loose or organic material should be removed from beneath slab areas. If any local 'hard spots' such as old basement walls are revealed beneath the slab area, these should be over-excavated and removed to not less than 0.9 m below underside of slab level. The exposed soil should be proof-rolled and the final grade restored by general engineered fill placement. If proof-rolling reveals any soft or loose spots, these should be excavated and the desired grade restored by general engineered fill placement. Proof-rolling should be carried out in accordance with the recommendations given elsewhere in this Appendix. The subgrade should be compacted to a depth of not less than 0.3m to a density of not less than 98 percent Standard Proctor Maximum Dry Density (ASTM Test Method D698).

A levelling course of 20mm crushed gravel at least 150 mm in compacted thickness, is recommended directly beneath all slabs-on-grade. Alternatively, a minimum thickness of 150mm of pit-run gravel overlain by a minimum thickness of 50 mm of 20mm crushed gravel may be used. Very coarse material (larger than 25 mm diameter) should be avoided directly beneath the slab-on-grade to limit potential stress concentrations within the slab. All levelling courses directly under floor slabs should be compacted to 100 percent of Standard Proctor maximum dry density.

General engineered fill, pit-run gravel and crushed gravel are defined under the heading 'Backfill Materials and Compaction' elsewhere in this Appendix.

The slab should be structurally independent from walls and columns supported on foundations. This is to reduce any structural distress that may occur as a result of differential soil movements. If it is intended to place any internal non-load bearing partition walls directly on a slab-on-grade, such walls should also be structurally independent from other elements of the building founded on a conventional foundation system so that some relative vertical movement of the walls can occur freely.

The excavated subgrade beneath slabs-on-grade should be protected at all times from rain, snow, freezing temperatures, excessive drying and the ingress of free water. This applies during and after the construction period.

A minimum slab concrete thickness of 100mm is recommended. Control joints should be provided in all slabs. Typically for a 125mm slab thickness; control joints should be placed on a 3 m square grid, should be sawn to a depth of one-quarter the slab thickness and have a width of approximately 3 mm.

Wire mesh reinforcement, 150 mm square grid, should be provided to reduce the possibility of uncontrolled slab cracking. The mesh should be adequately supported and should be located at mid-height of the slab with adequate cover.

Backfill Materials and Compaction

1.0 Definitions

“Landscape fill” is typically used in areas such as berms and grassed areas where settlement of the fill and noticeable surface subsidence can be tolerated. “Landscape fill” may comprise soils without regard to engineering quality.

“General engineered fill” is typically used in areas where a moderate potential for subgrade movement is tolerable, such as asphalt (i.e., flexible) pavement areas. “General engineered fill” should comprise clean, granular or clay soils.

“Select engineered fill” is typically used below slabs-on-grade or where high volumetric stability is desired, such as within the footprint of a building. “Select engineered fill” should comprise clean, well-graded granular soils or inorganic low to medium plastic clay soils.

“Structural engineered fill” is used for supporting structural loads in conjunction with shallow foundations. “Structural engineered fill” should comprise clean, well-graded granular soils.

“Lean-mix concrete” is typically used to protect a subgrade from weather effects including excessive drying or wetting. “Lean-mix concrete” can also be used to provide a stable working platform over weak subgrades. “Lean-mix concrete” should be low strength concrete having a minimum 28-day compressive strength of 3.5 MPa. Standard Proctor Density (SPD) as used herein means Standard Proctor Maximum Dry Density (ASTM Test Method D698). Optimum moisture content is defined in ASTM Test Method D698.

2.0 General Backfill and Compaction Recommendations

Exterior backfill adjacent to abutment walls, basement walls, grade beams, pile caps and above footings, and below highway, street, or parking lot pavement sections should comprise “general engineered fill” materials as defined above. Exterior backfill adjacent to footings, foundation walls, grade beams and pile caps and within 600 mm of final grade should comprise inorganic, cohesive “general engineered fill”. Such backfill should provide a relatively impervious surficial zone to reduce seepage into the subsoil against the structure.

Backfill should not be placed against a foundation structure until the structure has sufficient strength to withstand the earth pressures resulting from placement and compaction. During compaction, careful observation of the foundation wall for deflection should be carried out continuously. Where deflections are apparent, the compactive effort should be reduced accordingly.

In order to reduce potential compaction induced stresses, only hand-held compaction equipment should be used in the compaction of fill within 1 m of retaining walls or basement walls. If compacted fill is to be placed on both sides of the wall, they should be filled together so that the level on either side is within 0.5 m of each other.

All lumps of materials should be broken down during placement. Backfill materials should not be placed in a frozen state, or placed on a frozen subgrade.

Where the maximum-sized particles in any backfill, material exceed 50 percent of the minimum dimension of the cross-section to be backfilled (e.g., lift thickness), such particles should be removed and placed at other more suitable locations on site or screened off prior to delivery to site.

Bonding should be provided between backfill lifts. For fine-grained materials, the previous lift should be scarified to the base of the desiccated layer, moisture-conditioned, and recompact and bonded thoroughly to the succeeding lift. For granular materials, the surface of the previous lift should be scarified to about a 75 mm depth followed by proper moisture-conditioning and recompaction.

3.0 COMPACTION AND MOISTURE CONDITIONING

“Landscape fill” material should be placed in compacted lifts not exceeding 300 mm and compacted to a density of not less than 90 percent of SPD unless a higher percentage is specified by the jurisdiction.

“General engineered fill” and “select engineered fill” materials should be placed in layers of 150 mm compacted thickness and should be compacted to not less than 98 percent of SPD. Note that the contract may specify higher compaction levels within 300 mm of the design elevation. Cohesive materials placed as “general engineered fill” or “select engineered fill” should be compacted at 0 to 2 percent above the optimum moisture content. Note that there are some silty soils which can become quite unstable when compacted above optimum moisture content.

Granular materials placed as “general engineered fill” or “select engineered fill” should be compacted at slightly below (0 to 2%) the optimum moisture content. “Structural engineered fill” material should be placed in compacted lifts not exceeding 150 mm in thickness and compacted to not less than 100 percent of SPD at slightly below (0 to 2%) the optimum moisture content.

4.0 “GENERAL ENGINEERED FILL”

Low to medium plastic clay is considered acceptable for use as “general engineered fill,” assuming this material is inorganic and free of deleterious materials. Materials meeting the specifications for “select engineered fill” or “structural engineered fill” as described below would also be acceptable for use as “general engineered fill.”

5.0 “SELECT ENGINEERED FILL”

Low to medium plastic clay with the following range of plasticity properties is generally considered suitable for use as “select engineered fill”:

Liquid Limit	=	20 to 40%
Plastic Limit	=	10 to 20%
Plasticity Index	=	10 to 30%

Test results should be considered on a case-by-case basis.

“Pit-run gravel” and “fill sand” are generally considered acceptable for use as “select engineered

fill.” See exact project or jurisdiction for specifications. The “pit-run gravel” should be free of any form of coating and any gravel or sand containing clay, loam or other deleterious materials should be rejected. No material oversize of the specified maximum sieve size should be tolerated. This material would typically have a fines content of less than 10%. The materials above are also suitable for use as “general engineered fill.”

Construction Excavations

Construction should be in accordance with good practice and comply with the requirements of the responsible regulatory agencies.

All excavations greater than 1.5m deep should be sloped or shored for worker protection.

Shallow excavations up to about 3m depth may use temporary sideslopes of 1H:1V. A flatter slope of 2H:1V should be used if groundwater is encountered. Localized sloughing can be expected from these slopes.

Deep excavations or trenches may require temporary support if space limitations or economic considerations preclude the use of sloped excavations.

For excavations greater than 3m depth, temporary support should be designed by a qualified geotechnical engineer. The design and proposed installation and construction procedures should be submitted to BDT for review.

The construction of a temporary support system should be monitored. Detailed records should be taken of installation methods, materials, in situ conditions and the movement of the system. If anchors are used, they should be load tested. BDT can provide further information on monitoring and testing procedures if required.

Attention should be paid to structures or buried service lines close to the excavation. For structures, a general guideline is that if a line projected down, at 45 degrees from the horizontal from the base of foundations of adjacent structures intersects the extent of the proposed excavation, these structures may require underpinning or special shoring techniques to avoid damaging earth movements. The need for any underpinning or special shoring techniques and the scope of monitoring required can be determined when details of the service ducts and vaults, foundation configuration of existing buildings and final design excavation levels are known.

No surface surcharges should be placed closer to the edge of the excavation than a distance equal to the depth of the excavation, unless the excavation support system has been designed to accommodate such surcharge.

Proof Rolling

Proof-rolling is a method of detecting soft areas in an 'as-excavated' subgrade for fill, pavement, floor or foundations or detecting non-uniformity of compacted embankment. The intent is to detect soft areas or areas of low shear strength not otherwise revealed by means of test holes, density testing, or visual examination of the site surface and to check that any fill placed or subgrade meets the necessary design strength requirements.

Proof-rolling should be observed by qualified geotechnical personnel.

Proof-rolling is generally accomplished by the use of a heavy (15 to 60 tonne) rubber-tired roller having 4 wheels abreast on independent axles with high contact wheel pressures (inflation pressures ranging from 550 kPa (80psi) up to 1030 kPa (150 psi).

A heavily loaded tandem axle gravel truck may be used in lieu of the equipment described in the paragraph above. The truck should be loaded to approximately 10 tonnes per axle and a minimum tire pressure of 550 kPa (80 psi). Ground speed - maximum 8 km/hr recommended 4 km/hr.

The recommended procedure is two complete coverages with the proof-rolling equipment in one direction and a second series of two coverages made at right angles to the first series; one 'coverage' means that every point of the proof-rolled surface has been subjected to the tire pressure of a loaded wheel. Less rigorous procedures may be acceptable under certain conditions subject to the approval of an engineer.

Any areas of soft, rutted or displaced materials detected should be either recompacted with additional fill or the existing material removed and replaced with general engineered fill, or properly moisture conditioned as necessary.

The surface of the grade under the action of the proof-roller should be observe, noting; visible deflection and rebound of the surface, formation of a crack pattern in the compacted surface or shear failure in the surface or granular soils as ridging between wheel tracks.

If any part of an area indicates significantly more distress than other parts, the cause should be investigated, by, for example, shallow auger holes.

In the case of granular subgrades, distress will generally consist of either compression due to insufficient compaction or shearing under the tires. In the first case, rolling should be continued until no further compression occurs. In the second case, the tire pressure should be reduced to a point where the subgrade can carry the load without significant deflection and subsequently gradually increased to it specified pressure as the subgrade increases in shear strength under this compaction.

APPENDIX B

Trip Generation Letters



4105 7 Street SE Calgary, AB T2G 2Y9 T: 403.254.0544 F: 403.254.9186

October 5, 2023

Our Reference: 28449

Douglas Bergen & Associates Ltd.

PO Box 1667
Coaldale, Alberta
T1M 1N3

Attention: Douglas Bergen

Dear Sir:

Reference: Chin Subdivision Trip Generation

1.0 Introduction

ISL Engineering and Land Services Ltd. (ISL) was retained by Douglas Bergen & Associates Ltd. to determine the trip generation of a 12-lot country residential and school development in the Hamlet of Chin, Municipal District (MD) of Taber, Alberta. The school will have 70 students and 6 teachers.

The development is located just north of Highway 3 and west of Range Road 19-0. As part of the development, Naismith Street is proposed to be extended north and access to each lot is off the extended segment of Naismith Street. Figure 1 shows the site plan.

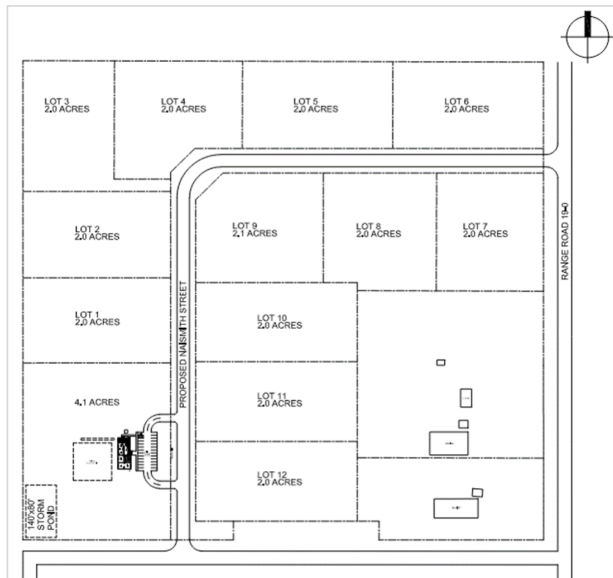


Figure 1: Site Plan

2.0 Analysis

In the MD's General Standards of Development in Schedule 5 of the Land Use Bylaw No. 1677, the guideline does not indicate when a TIA is required to be undertaken. Per typical engineering standards, a site that generates less than 100 trips during the commuter peak hour (between 7-9 AM and 4-6 PM) does not require a TIA.

For the 12 residential lots, the single-family trip generation rates from the ITE Trip Generation Manual, 11th Edition, was referenced. This manual is an industry accepted manual to estimate traffic.

- Single Family Residential (ITE Rates):
 - **AM Peak: 0.70 trips / hour / unit: 9 trips per hour**
 - **PM Peak: 0.94 trips / hour / unit: 12 trips per hour**

As there are no trip generation rates for rural schools in the ITE Manual, the following were assumed. The school times are 8:30 AM to 3:00 PM. Due to the rural location of the school, 90% of the students (63 students) are expected to be bussed to school on 2 buses while 10% of the students (7 students) are expected to be dropped off.

- School AM Start:
 - 2 buses: 2 trips in and 2 trips out
 - 6 teachers: 6 trips in
 - 7 student Drop offs: 7 trips in and 7 trips out
 - **AM Peak Total: 24 trips (15 trips in, 9 trips out)**
- School PM End:
 - As the school hours end outside of the typical PM commuter peak (4-6 PM), no trips are generated in the PM peak.
 - **PM Peak Total: 0 trips**

In total, there are **33 trips in the AM peak and 12 trips in the PM peak**. This is a negligible amount of traffic and will have minimal impact on existing traffic operations.

3.0 Closing

From the transportation review of the proposed 12 country residential homes and school, the following conclusions are drawn:

- The development generates at most 33 and 12 additional trips per hour in the AM and PM peaks, respectively. The amount of traffic generated is negligible and will have minimal impact on existing traffic operations.

If any additional information is required, please contact the undersigned at your convenience.

Sincerely,



Alex Ho, P.Eng., PTOE
Manager, Traffic Engineering

4105 7 Street SE Calgary, AB T2G 2Y9 T: 403.254.0544 F: 403.254.9186

February 15, 2024

Our Reference: 28449

Douglas Bergen & Associates Ltd.
PO Box 1667
Coaldale, Alberta
T1M 1N3

Attention: Douglas Bergen

Dear Sir:

Reference: Chin Subdivision Trip Generation

1.0 Introduction

ISL Engineering and Land Services Ltd. (ISL) was retained by Douglas Bergen & Associates Ltd. to determine the trip generation of a 12-lot country residential and school development in the Hamlet of Chin, Municipal District (MD) of Taber, Alberta. The school will have 70 students and 6 teachers.

The development is located just north of Highway 3 and west of Range Road 19-0. As part of the development, Naismith Street is proposed to be extended north and access to each lot is off the extended segment of Naismith Street. Figure 1 shows the site plan.

The lots, roads and school are anticipated to be constructed in September 2024. The houses on the residential lots will be built when a buyer purchases the lot.

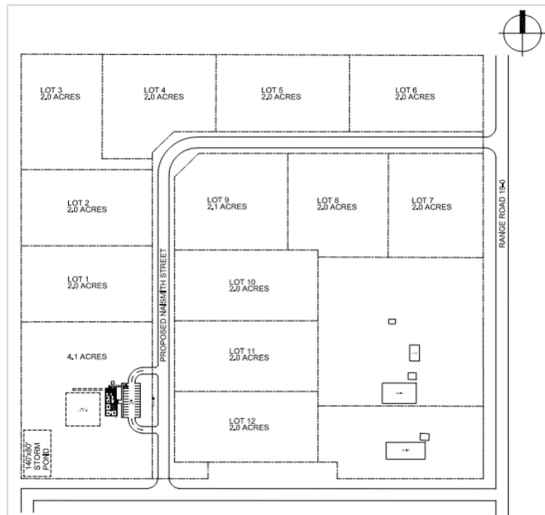


Figure 1: Site Plan

2.0 Trip Generation

In the MD's General Standards of Development in Schedule 5 of the Land Use Bylaw No. 1677, the guideline does not indicate when a TIA is required to be undertaken. Per typical engineering standards, a site that generates less than 100 trips during the commuter peak hour (between 7-9 AM and 4-6 PM) does not require a TIA.

For the 12 residential lots, the single-family trip generation rates from the ITE Trip Generation Manual, 11th Edition, was referenced. This manual is an industry accepted manual to estimate traffic.

- Single Family Residential (ITE Rates):
 - **AM Peak: 0.70 trips / hour / unit: 9 trips per hour**
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As there are no trip generation rates for rural schools in the ITE Manual, the following were assumed. The school times are 8:30 AM to 3:00 PM. Due to the rural location of the school, 90% of the students (63 students) are expected to be bussed to school on 2 buses while 10% of the students (7 students) are expected to be dropped off.

- School AM Start:
 - 2 buses: 2 trips in and 2 trips out
 - 6 teachers: 6 trips in
 - 7 student Drop offs: 7 trips in and 7 trips out
 - **AM Peak Total: 24 trips (15 trips in, 9 trips out)**
- School PM End:
 - As the school hours end outside of the typical PM commuter peak (4-6 PM), no trips are generated in the PM peak.
 - **PM Peak Total: 0 trips**

In total, there are **33 trips in the AM peak and 12 trips in the PM peak**. This is a negligible amount of traffic and should have minimal impact on existing traffic operations.

3.0 Highway Traffic

The latest traffic volumes on Highway 3 at Range Road 19-0 were downloaded from Alberta Transportation and Economic Corridors' (ATEC) website. In 2022, the Average Annual Daily Traffic (AADT) was 8,080 vehicles per day (vpd) while the Average Summer Daily Traffic (ASDT) was 8,860 vpd. As compared to the 10-year traffic history in 2012, the AADT (8,100 vpd) declined by -0.02% per year while the ASDT (8,650 vpd) grew by 0.24% per year. Based on the preceding, there is very minimal growth on Highway 3 at Range Road 19-0.

As compared to the Highway 3 peak hour traffic volumes (857 and 860 vehicles per hour in the AM and PM, respectively), the development will increase the traffic on Highway 3 by 4% and 1% in the AM and PM peak, respectively. This is a negligible amount and should have minimal impact on Highway 3, thus upgrades to the highway are not required.

4.0 Closing

From the transportation review of the proposed 12 country residential homes and school, the following conclusions are drawn:

- The development generates at most 33 and 12 additional trips per hour in the AM and PM peaks, respectively. The amount of traffic generated is negligible and will have minimal impact on existing traffic operations.
- On Highway 3 at Range Road 19-0, there has been minimal growth over the last 10 years.
- The development will increase the traffic on Highway 3 by 4% and 1% in the AM and PM peak, respectively. This is a negligible amount and should have minimal impact on Highway 3, thus upgrades to the highway are not required.

If any additional information is required, please contact the undersigned at your convenience.

Sincerely,



Alex Ho, P.Eng., PTOE
Manager, Traffic Engineering

APPENDIX C

Osprey Engineering Septic Report





OSPREY ENGINEERING INC.
BOX 1367 · BLACK DIAMOND, ALBERTA · T0L 0H0 CANADA
TEL: 403.933.2226 · EMAIL: ospreyeng@gmail.com

27 November 2023

Our file: 230876

Douglas J. Bergen Associates Ltd.
Box 1667
Coaldale, AB, T1M 1N3

Attention: Douglas Bergen, CET

**RE: Chin Area Structure Plan
North Side of Alberta Avenue, Hamlet of Chin (Blocks A, B & E, Plan 899 AA, NE25-9-19-4)
Private Sewage Treatment Systems (PSTS) Assessment**

Dear Douglas,

The following Private Sewage Treatment Systems Assessment was performed in support of an application for subdivision of the above-noted parcel in August 2023. *The proposed lots were found to be suitable for private sewage treatment systems (PSTS) with limitations noted.*

The site investigation and report were performed and prepared consistent with the following documents:

- (Safety Codes Council, 2021), *Alberta Private Sewage Standard of Practice*, Alberta Municipal Affairs, Edmonton ["SOP 2021"],
- (Alberta Association of Municipal Districts & Counties in partnership with Alberta Municipal Affairs, 2011) Alberta Association of Municipal Districts and Counties [AAMDC] 2011, *Model Process for Subdivision Approval and Private Sewage* ["Model Process"] and related documents.

I. PROJECT BACKGROUND

The subject parcel is located on the west side of Range Road 190, and north of Alberta Avenue, in The Hamlet of Chin. The area of the subject parcel is 15.9 ha [39.4 acres] more or less. The location of the parcel is shown on Figure 1. The parcel is presently a farming field with no existing dwellings or buildings.

The owners propose to subdivide twelve country residential lots and one larger lot for a school. The proposed country residential lots will be 0.8 ha [2.0 ac]. The school lot will be 1.7 ha [4.1 ac]. The proposed lots will be accessed by extending the existing Naismith Street. The preferred lot layout is shown on Figure 2.

The proposed lots will be served by private water cisterns. The proposed lots are intended to be served by new private sewage systems.

II. METHODOLOGY AND LIMITATION

In support of a subdivision, Lethbridge County has requested that a private sewage treatment systems (PSTS) assessment be completed to justify that wastewater from dwellings on the proposed lots can be treated and dispersed on site consistent with relevant safety codes. Methodology in describing acceptable conditions for adequate operation of private sewage treatment systems (PSTS) is consistent with (Safety Codes Council, 2021).

As such, all loading rates are as per SOP 2021. No percolation tests were performed as these are no longer considered acceptable evidence in support of the selection of soil loading rates in SOP 2021.

Observations were taken from publicly available background information and field assessments noted:

- 28 August 2023: Osprey soil observations.

Observation and recording of the soil profiles was performed as directed in SOP 2021 using forms based on those provided by Alberta Municipal Affairs. Soil samples from the test pits were submitted to Down to Earth Labs of Lethbridge for texture analysis. These results are appended. This report is to be used by the owners of the parcels noted and Lethbridge County in support of the area structure plan and eventual subdivision of the subject parcel, as described in the Model Process. It is not intended as a full system design. Full design and site investigation (including digging additional test holes or other tests as may be required) by a licensed installer consistent with the relevant standard of practice in force at the time is still assumed to be required as part of the permit process.

III. DESCRIPTION

This description is based on information provided by the owners of the parcel and information obtained from various public sources. Topography of the parcel based on a recent survey (performed by Mike Spencer Geomatics in September 2023) is included showing existing surface features within and immediately surrounding the subject parcel.

A. Density and Cumulative Impact

The surrounding quarter sections have 3 or fewer parcels per quarter section. The quarter sections to the south which includes The Hamlet of Chin has approximately 89 parcels within the quarter section. Figure 3 indicates the number of parcels in each of the surrounding quarter sections based on cadastral data provided by AltaLIS and is current to the date of this report. All country residential parcels in the area are assumed to be served by individual private sewage systems with water services from private water cisterns. Wells noted in the provincial database for the surrounding area are listed in Appendix C. The cumulative impact due to additional density due to the proposed subdivision does not extend beyond the lot boundaries for the following reasons:

- Parcel sizes are sufficient and area density is low to moderate. As such, there will be adequate dilution due to precipitation such that nutrient loading due to the additional wastewater generated will not result in nutrient concentrations greater than CCME guidelines. Given this, no additional source water quality impact assessment is justified for this subdivision.

B. Topography, Surface Water and Vegetation

Surface features are shown on Figure 4. The site encompasses undulating, low relief terrain. The subject parcel does not contain any steep slopes. The average slope of the parcel is 1%. A depression and manmade swale crosses Lots 1, 7, 8, 10, 11, and the school. These areas could be subject to overland flows and pooling water, and it may be prudent to locate PSTS outside of this area. If the depression has a defined "shoreline" per the SOP, then a setback of 15.0 m [50 ft] would be prescribed from this shoreline. If no shoreline is noted, then no setback is applicable. These do not have a defined shoreline; therefore no setback is applicable. An irrigation canal exists to the west but is more than 1000 m from the subject parcel. No rivers, lakes, creeks, or streams affect the parcel. No springs or wells using shallow groundwater (GWUDI) for domestic purposes were noted within 150 m (500 feet) of the subject parcel. No dugouts or surface water bodies were noted as being used for domestic purposes within 150 m (500 feet) of the subject parcel.



Vegetation across the subject parcel is as follows:

- Crops

Generally, the vegetation on site does not indicate features that would limit PSTS.

C. Encumbrances

No rights-of-way exist within the subject parcel. A pipeline right-of-way (011 3349) and a waterline right-of-way (011 0603) exist to the north of the subject parcel.

Standard setback (horizontal separation) distances for various PSTS components as per SOP 2021 are as follows:

- All soil-based treatment components (fields, mounds, etc...) must be **100 m** from a licensed municipal water well.
- All soil-based treatment components (fields, mounds, etc...) must be **90 m** from a lake, river, stream, or creek *unless* "...a principal building or other development feature is located between the soil based treatment system and the lake, river, stream or creek such that a failure causing effluent on the ground will be obvious and create an undesirable impact on the owner..." (SOP 2021, Art. 2.1.2.4). Generally, if the dwelling is constructed between the stream and the soil based treatment component, this is acceptable and the setbacks to a water source or water course as noted below are applicable;
- Septic tanks, settling tanks and effluent tanks:
 - o 10 m from a water source,
 - o 10 m from a water course,
 - o 1 m from a property line and
 - o 1 m from a building.
- Packaged (secondary) treatment plants and settling tanks which include pre-aeration:
 - o Same as for septic tanks *except*
 - o 6 m from a property line.
- Sand filters (to foot of berm):
 - o Same as for septic tanks.
- Recirculating gravel filters (to foot of berm):
 - o Same as for septic tanks *except*
 - o 3 m from property line.
- Treatment field (edge of weeping lateral trench):
 - o 15 m from a water source,
 - o 15 m from a water course (unless building is located between water course and field),
 - o 1.5 m from a property line,
 - o 10 m from a basement, cellar, or crawl space,
 - o 1 m from a building without a permanent foundation,
 - o 5 m from a building with a permanent foundation but without a basement cellar or crawl space (e.g. slab-on-grade) and
 - o 5 m from a septic tank or packaged sewage treatment plant.
- Treatment mound (from point where side slope of mound berm intersects natural soil contour):
 - o Same as for a treatment field *except*
 - o 3 m from a property line,



- 3 m from a septic tank,
- 10 m from a basement, cellar, or crawl space and
- 10 m from a building with a permanent foundation but without a basement cellar or crawl space (e.g. slab-on-grade).

D. Soils

According to the Alberta Soil Information Viewer (soil polygons 1337 and 1334) (Government of Alberta, 2023), the following soil series may be present in the subject parcel.

- Cranford (CFD): Orthic brown chernozem with medium textured soils (loam, silty loam, and very fine sandy loam) on medium or fine textured till.
- Chin (CHN): Orthic brown chernozem with medium textured soil (loam, silty loam, and very fine sandy loam) on medium textured sediments (loam to very fine sandy loam) deposited by wind and water.

CFD, and CHN would be *generally* amenable to PSTS.

General limitations for PSTS due to soil conditions include possible lower loading rates for dispersing effluent on fine-textured soil (e.g. clay loam or finer) or coarse textured soils (e.g. sand, loamy sand, or sandy loam) with weak or poor structure, restricting soil horizons which limit downward movement and high groundwater or seasonal high groundwater conditions.

All systems dispersing primary treated (septic tank) effluent (Effluent Level 1 per SOP 2021) to the soil via treatment fields must maintain a vertical separation of at least 1.5 m [5 ft] to restricting soil horizons, groundwater, and seasonal high groundwater. Systems dispersing secondary-treated (Effluent Level 2 or better per SOP 2021), including all treatment mounds, must maintain a vertical separation of at least 0.9 m [3 ft] to restricting soil horizons.

Soil profiles were developed for thirteen test pits. One test pit was excavated within each proposed lot, as shown on Figure 4. As noted, detailed soil profiles and laboratory texture analyses are appended.

Soils were generally consistent with the soil series noted for this area.

- Lot 1: A brown loam A-horizon (Ap) to approximately 23 cm [9"] overlays a pale brown loam Bm-horizon to approximately 130 cm [51"] which transitions to a brown loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying). No groundwater was found.
- Lot 2: A yellowish brown loam A-horizon (Ap) to approximately 20 cm [8"] overlays a pale brown loam Bm-horizon to approximately 84 cm [33"] which transitions to a dark yellowish brown loam Bm-horizon to approximately 102 cm [40"] which transitions to a brown loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.
- Lot 3: A dark yellowish brown clay loam A-horizon (Ap) to approximately 25 cm [10"] overlays a brown clay loam Bm-horizon to approximately 69 cm [27"] which transitions to a brown clay loam Bm-horizon to approximately 89 cm [35"] which transitions to a dark yellowish brown clay loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.
- Lot 4: A dark yellowish brown clay loam A-horizon (Ap) to approximately 23 cm [9"] overlays a brown clay loam Bm-horizon to approximately 84 cm [33"] which transitions



to a dark yellowish brown clay loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.

- Lot 5: A brown loam A-horizon (Ap) to approximately 3 cm [13"] overlays a pale brown to brown loam Bm-horizon to approximately 97 cm [38"] which transitions to a brown clay loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.
- Lot 6: A brown clay loam A-horizon (Ap) to approximately 18 cm [7"] overlays a brown to light yellowish brown clay loam Bm-horizon to approximately 114 cm [45"] which transitions to a dark grayish brown to dark yellowish brown clay loam Ck-horizon below. Evidence of seasonal saturation (mottling) was observed below 191 cm [75"]. No groundwater was found.
- Lot 7: A brown clay loam A-horizon (Ap) to approximately 23 cm [9"] overlays a brown to pale brown clay loam Bm-horizon to approximately 196 cm [77"] which transitions to a light olive brown coarse sandy loam Ck-horizon below. Evidence of seasonal saturation (mottling) was observed below 196 cm [77"]. No groundwater was found.
- Lot 8: A brown loam A-horizon (Ap) to approximately 25 cm [13"] overlays a light yellowish brown to a light olive brown sandy clay loam Bm-horizon to approximately 127 cm [50"] which transitions to a light olive brown and yellowish brown loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.
- Lot 9: A brown loam A-horizon (Ap) to approximately 30 cm [12"] overlays a brown and light olive brown clay loam Bm-horizon to approximately 81 cm [32"] which transitions to a light olive brown and brown clay loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.
- Lot 10: A brown loam A-horizon (Ap) to approximately 15 cm [6"] overlays a yellowish brown and brown clay loam Bm-horizon to approximately 84 cm [33"] which transitions to a yellowish brown and brown loam and clay loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.
- Lot 11: A brown clay loam A-horizon (Ap) to approximately 15 cm [6"] overlays an olive brown and light yellowish brown clay loam Bm-horizon to approximately 109 cm [43"] which transitions to a dark yellowish brown and brown clay loam Ck-horizon below. Evidence of seasonal saturation (mottling) was observed below 193 cm [76"]. No groundwater was found.
- Lot 12: A brown clay loam A-horizon (Ap) to approximately 20 cm [8"] overlays a light yellowish brown and light olive brown clay loam Bm-horizon to approximately 109 cm [43"] which transitions to a dark yellowish brown clay loam Ck-horizon below. Evidence of seasonal saturation (mottling) was observed below 208 cm [82"]. No groundwater was found.
- School Lot: A brown clay loam A-horizon (Ap) to approximately 15 cm [6"] overlays a pale brown and brown clay loam Bm-horizon to approximately 132 cm [52"] which transitions to a dark brown clay loam Ck-horizon below. No evidence of seasonal saturation (mottling or gleying) was observed. No groundwater was found.

IV. ESTIMATE OF SYSTEM DAILY FLOWS

Houses are predicted to be at least four bedrooms and generally include additional fixtures that can increase peak daily flows.



As such, a peak daily flow rate of 2300 L/day [500 gal/day] is used (a four-bedroom house with allowance for *some* extra fixture units). The installation of such fixtures as garbage grinders, large soaker tubs and other high-volume and/or high-strength effluent producing fixtures requires special consideration because:

- these increase the PSTS soil component size required and
- the possible lack of space for adequately sized soil treatment components and reserve field areas to accommodate such features.

Water treatment components (such as water softeners and iron filters) can generate large flows of clear water. When connected to private sewage systems, these large flows can cause treatment components to fail and become saturated. It is strongly recommended that backflush and overflow from water treatment components be directed elsewhere.

The school is predicted to be 35 students. As per the SOP 2021, a peak daily flow per student is 70 L/day/student [15 gal/day/student]. The total peak daily rate is 2450 L/day [525 gal/day].

Actual size of system components is the responsibility of the system installer and will be determined prior to obtaining permits based on the proposed house size and design.

V. INFILTRATION COMPONENT SIZING

Based on the site assessment, the following types of soil-based effluent treatment and dispersal systems are not appropriate for the proposed parcel:

- Lagoons due to limited distance to property boundaries,
- Open discharge due to limited distance to property boundaries and area density and
- LFH at-grade systems except in forested areas where LFH layers of 50 mm [2"] or deeper can be demonstrated.

Treatment fields receiving primary (Level 1) or secondary (Level 2) treated effluent or treatment mounds receiving primary (Level 1) or secondary (Level 2) treated effluent are suitable for the proposed lots. Suitability of any given proposed PSTS is subject to the design judgement of the installer and the standard of practice in effect at the time of installation. Soils can vary throughout a parcel and such variation can affect the suitability of land for PSTS.

For the purposes of this report, the infiltration component assumes the following:

- Pressure distributed treatment fields receiving primary treated (Level 1) effluent.
- The required vertical separation to a restricting condition for a treatment field is 1.5 m [5 ft] from trench bottom. Given the soil profile observed on these lots, this can be achieved.

Footprints for such systems are shown on Figure 4 and on Table 1. Footprints are approximate and will depend on dwelling size and type of PSTS ultimately chosen by the owner and installer based on detailed soil analysis at the time of the design, as well as other factors. Other designs and arrangements are possible for the proposed infiltration components. Decisions relating to a final design are the responsibility of the landowner, their system installer, and the safety codes officer (SCO) inspecting the installation.



VI. SUSTAINABILITY OF PRIVATE SEWAGE

If installed by a qualified installer as recommended in this report, and properly operated and maintained, the proposed lots can support viable PSTSs for the long term.

VII. CONCLUSIONS

If installed and maintained using accepted best practices, there is more than adequate space on the proposed lots to install compliant and functioning PSTSs.

If you require anything further, please contact the undersigned.

Yours truly,

Responsible member for
OSPREY ENGINEERING INC.
APEGA Permit to Practice No. P10743

Michael A. Kitchen, P.Eng.
Alberta Municipal Affairs, Certificate of Competency PS 8926, Private Sewage Installer; Group I
President

MAK/

Encl.

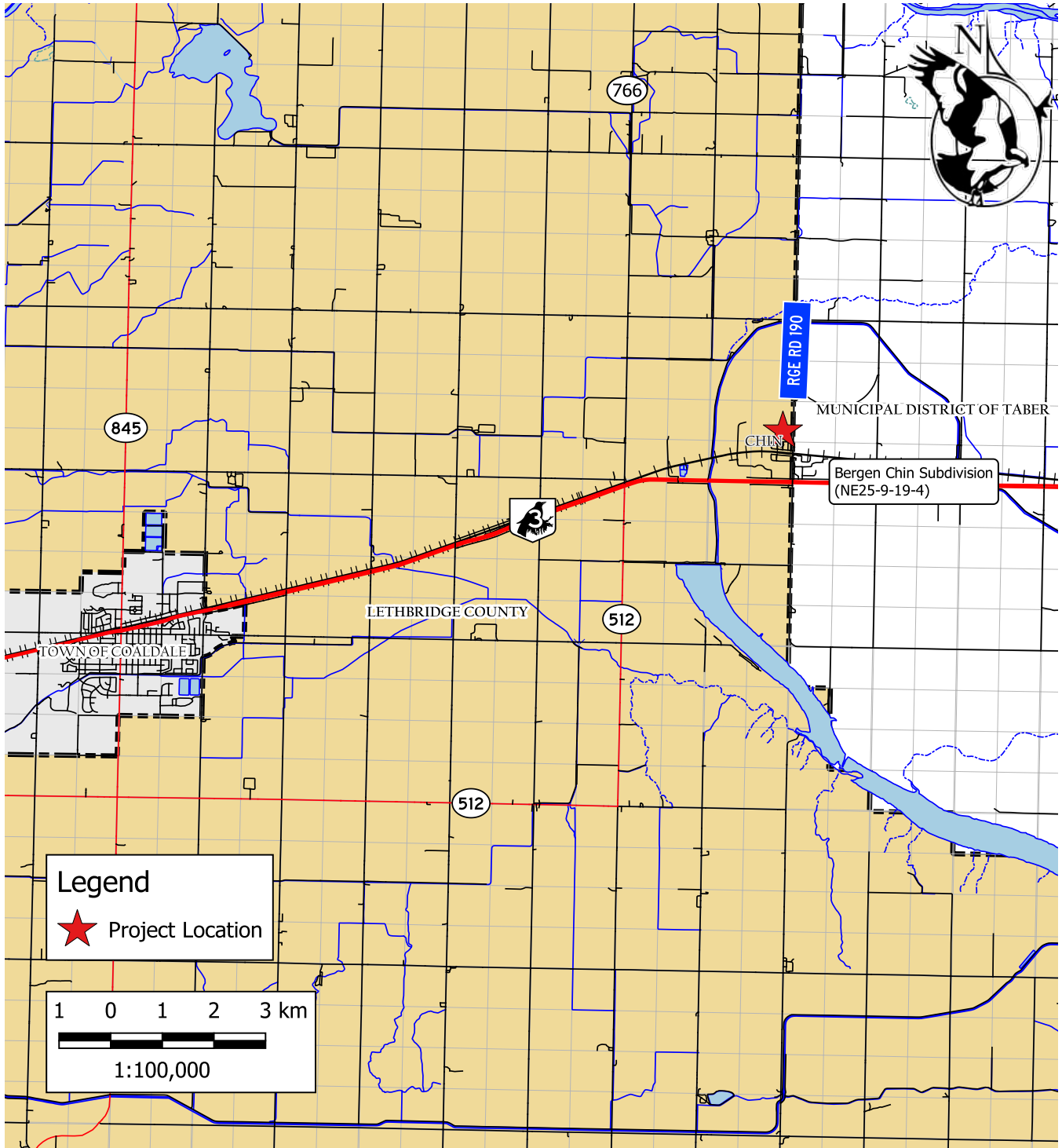
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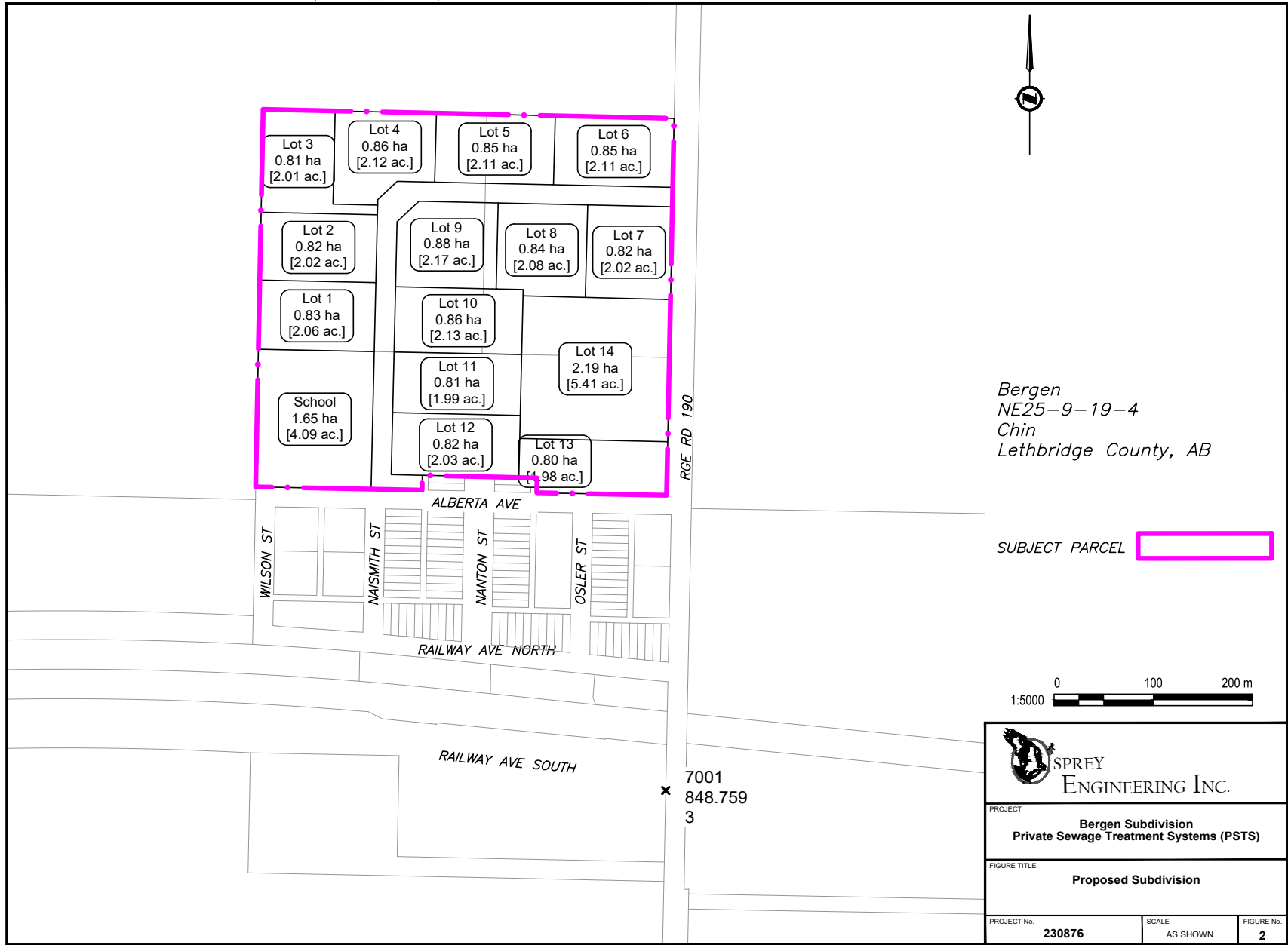


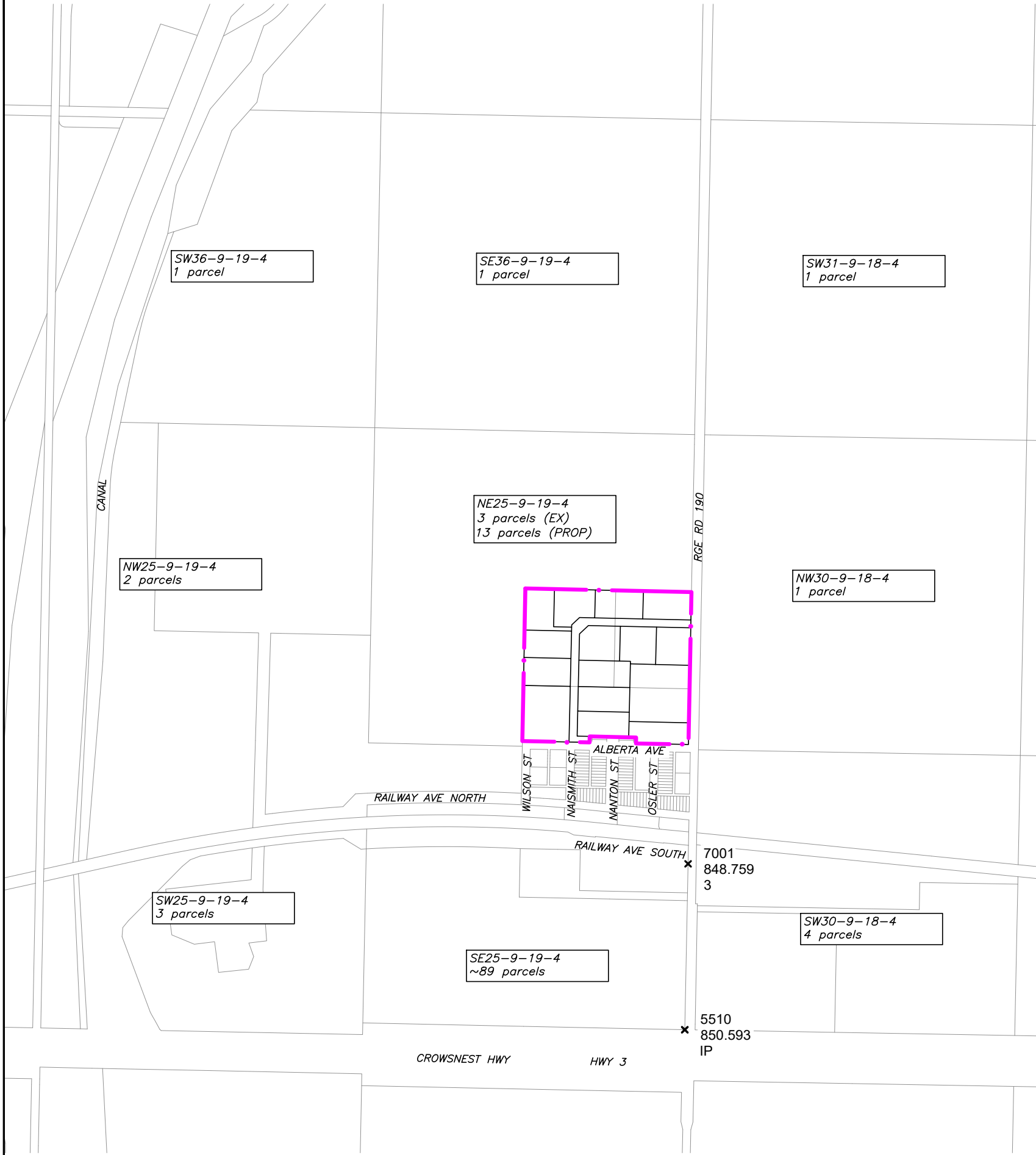
FIGURES

The following figures are referenced in the report.



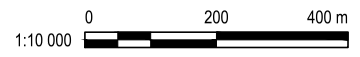






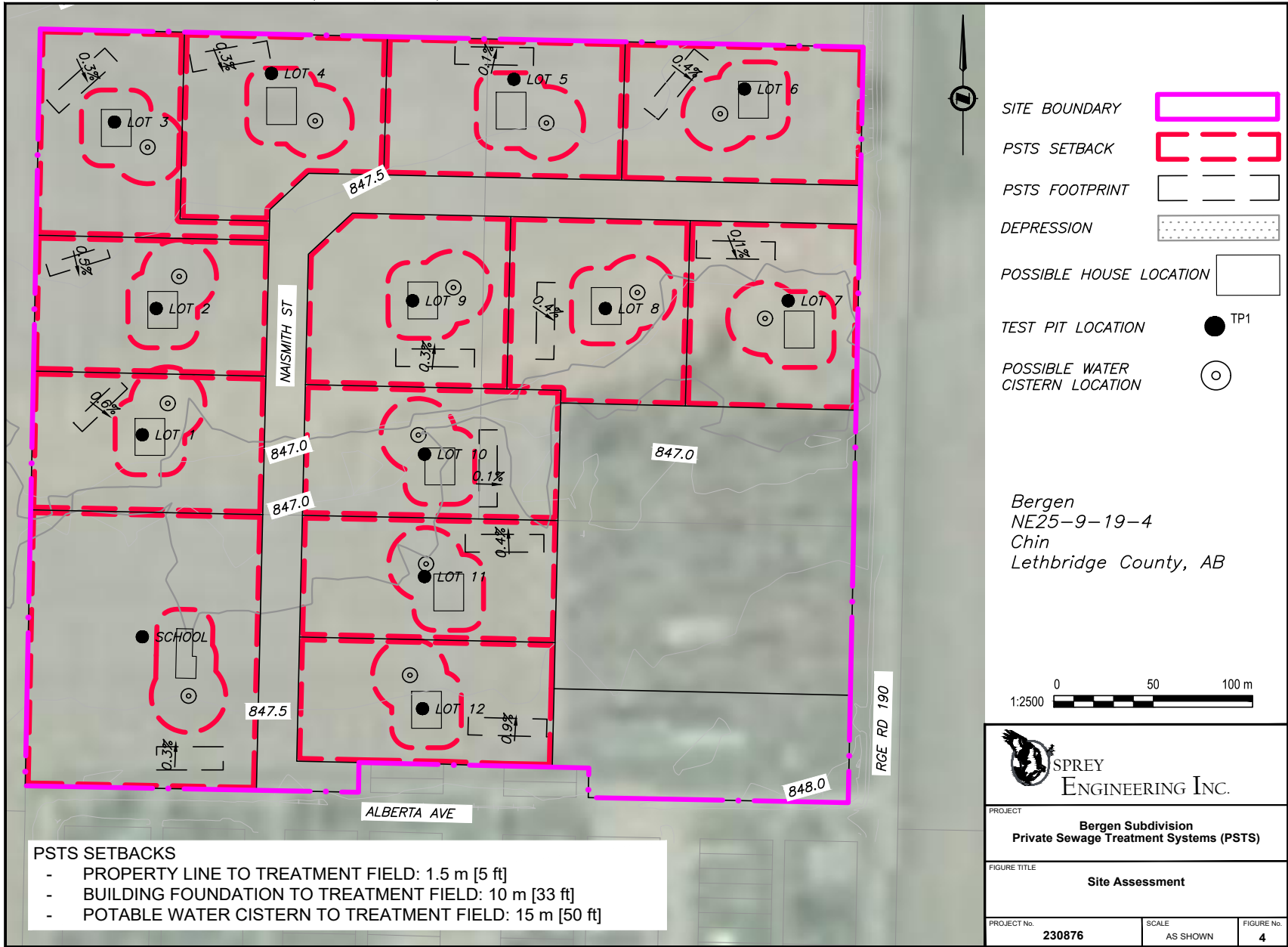
SUBJECT PARCEL

Bergen
NE25-9-19-4
Chin
Lethbridge County, AB



PROJECT Bergen Subdivision Private Sewage Treatment Systems (PSTS)		
FIGURE TITLE Area Density		
PROJECT No. 230876	SCALE AS SHOWN	FIGURE No. 3

SHEET SIZE ANSI B 20 mm



PSTS SETBACKS

- PROPERTY LINE TO TREATMENT FIELD: 1.5 m [5 ft]
- BUILDING FOUNDATION TO TREATMENT FIELD: 10 m [33 ft]
- POTABLE WATER CISTERN TO TREATMENT FIELD: 15 m [50 ft]

Table 1 - PSTS Suitability Matrix

	Proposed Lot 1	Proposed Lot 2	Proposed Lot 3	Proposed Lot 4	Proposed Lot 5
Texture	Very: loam	Very: loam	Moderate to good: clay loam	Moderate to good: clay loam	Moderate to good: clay loam, and loam
Structure	Moderate to well: granular (grade 2) structure	Moderate: granular (grade 2) structure	Moderate: granular (grade 2) structure	Moderate: granular (grade 2) structure	Moderate: granular (grade 2) structure
Hydraulic Capability of Soil (Drainage)	Very: well drained to >2.5 m	Very: well drained to >2.5 m	Very: well drained to >2.5 m	Very: well drained to >2.5 m	Very: well drained to >2.5 m
Depth of Suitable Soil	Very: suitable soil to >2.5 m	Very: suitable soil to >2.5 m	Very: suitable soil to >2.5 m	Very: suitable soil to >2.5 m	Very: suitable soil to >2.5 m
Depth to Water Table	Very: no evidence of water table or saturated soils	Very: no evidence of water table or saturated soils	Very: no evidence of water table or saturated soils	Very: no evidence of water table or saturated soils	Very: no evidence of water table or saturated soils
Topography	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat
Flooding	Moderate: depression within parcel could be subject for pooling water. Area not suitable for PSTS. See Figure 4	Very: moderate to good surface drainage. No surface water within parcel	Very: moderate to good surface drainage. No surface water within parcel	Very: moderate to good surface drainage. No surface water within parcel	Very: moderate to good surface drainage. No surface water within parcel
Density	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section
Encumbrances	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS
Parcel Size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size
Surface Water	Very: none within parcel	Very: none within parcel	Very: none within parcel	Very: none within parcel	Very: none within parcel
Overall	Very	Very	Very	Very	Very
Recommended System Type	Treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent
Test Pit	Lot 1 - TP	Lot 2 - TP	Lot 3 - TP	Lot 4 - TP	Lot 5 - TP
Limiting soil type	Loam, granular (grade 2) structure	Loam, granular (grade 2) structure	Clay loam, granular (grade 2) structure		Clay loam, granular (grade 2) structure
Applicable Loading Rates	HLR: 22.0 L/m ² /day [0.45 gal/ft ² /day]	HLR: 22.0 L/m ² /day [0.45 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]
	LLR: N/A, no restricting conditions	LLR: N/A, no restricting conditions	LLR: N/A, no restricting conditions	LLR: N/A, no restricting conditions	LLR: N/A, no restricting conditions
Approximate System footprint	31.7 m × 6.4 m [104.0 ft × 21.0 ft]	31.7 m × 6.4 m [104.0 ft × 21.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]

Table 1 - PSTS Suitability Matrix

	Proposed Lot 6	Proposed Lot 7	Proposed Lot 8	Proposed Lot 9	Proposed Lot 10
Texture	Moderate to good: clay loam	Moderate to good: sandy clay loam, and clay loam	Moderate to good: sandy clay loam, and loam	Moderate to good: clay loam	Moderate to good: clay loam, and loam
Structure	Moderate to well: granular (grade 2) structure	Moderate: granular (grade 2) structure	Moderate: blocky (grade 2) structure	Moderate: blocky (grade 2) structure	Moderate: blocky (grade 2) structure
Hydraulic Capability of Soil (Drainage)	Moderate: well drained above 1.8 m	Moderate: well drained above 2.0 m	Very: well drained to >2.5 m	Very: well drained to >2.5 m	Very: well drained to >2.5 m
Depth of Suitable Soil	Moderate: suitable above 1.8 m	Moderate: suitable above 2.0 m	Very: suitable soil to >2.5 m	Very: suitable soil to >2.5 m	Very: suitable soil to >2.5 m
Depth to Water Table	Moderate: evidence of seasonally saturated soils below 1.8 m	Moderate: evidence of seasonally saturated soils below 2.0 m	Very: no evidence of water table or saturated soils	Very: no evidence of water table or saturated soils	Very: no evidence of water table or saturated soils
Topography	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat
Flooding	Very: moderate to good surface drainage. No surface water within parcel	Moderate: depression within parcel could be subject for pooling water. Area not suitable for PSTS. See Figure 4	Moderate: depression within parcel could be subject for pooling water. Area not suitable for PSTS. See Figure 4	Very: moderate to good surface drainage. No surface water within parcel	Moderate: depression within parcel could be subject for pooling water. Area not suitable for PSTS. See Figure 4
Density	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section
Encumbrances	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS
Parcel Size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size
Surface Water	Very: none within parcel	Very: none within parcel	Very: none within parcel	Very: none within parcel	Very: none within parcel
Overall	Moderate to very	Moderate to very	Very	Very	Very
Recommended System Type	Shallow treatment field receiving primary treated effluent	Shallow treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent
Test Pit	Lot 6 - TP	Lot 7 - TP	Lot 8 - TP	Lot 9 - TP	Lot 10 - TP
Limiting soil type	Clay loam, granular (grade 2) structure	Sandy clay loam, granular (grade 2) structure	Sandy clay loam, blocky (grade 2) structure	Clay loam, blocky (grade 2) structure	Clay loam, blocky (grade 2) structure
Applicable Loading Rates	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day]
	LLR: N/A, no restricting conditions within < 60 inches	LLR: N/A, no restricting conditions within < 60 inches	LLR: N/A, no restricting conditions	LLR: N/A, no restricting conditions	LLR: N/A, no restricting conditions
Approximate System footprint	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]

Table 1 - PSTS Suitability Matrix

	Proposed Lot 11	Proposed Lot 12	Proposed School Lot
Texture	Moderate: clay loam	Moderate: clay loam	Moderate to good: clay loam
Structure	Moderate to well: granular (grade 2) structure	Moderate: granular (grade 2) structure	Moderate: granular (grade 2) structure
Hydraulic Capability of Soil (Drainage)	Moderate: well drained above 2.0 m	Moderate: well drained above 2.0 m	Very: well drained to >2.5 m
Depth of Suitable Soil	Moderate: suitable soil above 2.0 m	Moderate: suitable soil above 2.0 m	Very: suitable soil to >2.5 m
Depth to Water Table	Moderate - evidence of saturated soils below 2.0 m	Moderate - evidence of saturated soils below 2.0 m	Very: no evidence of water table or saturated soils
Topography	Very: very slight slope to flat	Very: very slight slope to flat	Very: very slight slope to flat
Flooding	Very: moderate to good surface drainage. No surface water within parcel	Very: moderate to good surface drainage. No surface water within parcel	Moderate: depression within parcel could be subject for pooling water. Area not suitable for PSTS. See Figure 4
Density	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section	Moderate - surrounding <30 parcels per ¼ section
Encumbrances	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS	Very: more than one suitable site for a PSTS
Parcel Size	Moderate: sufficient parcel size	Moderate: sufficient parcel size	Moderate: sufficient parcel size
Surface Water	Very: none within parcel	Very: none within parcel	Very: none within parcel
Overall	Moderate	Moderate	Very
Recommended System Type	Shallow treatment field receiving primary treated effluent	Shallow treatment field receiving primary treated effluent	Treatment field receiving primary treated effluent
Test Pit	Lot 11 - TP	Lot 12 - TP	School - TP
Limiting soil type	Clay loam, granular (grade 2) structure	Clay loam, granular (grade 2) structure	Clay loam, granular (grade 2) structure
Applicable Loading Rates	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day] LLR: N/A, no restricting conditions within <60'	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day] LLR: N/A, no restricting conditions within <60'	HLR: 13.2 L/m ² /day [0.27 gal/ft ² /day] LLR: N/A, no restricting conditions
Approximate System footprint	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	39.6 m × 9.1 m [130.0 ft × 30.0 ft]	33.5 m × 11.9 m [110.0 ft × 39.0 ft]

APPENDIX A – SOIL PROFILES

The following pages contain the soil profile from the site assessment conducted by Osprey Engineering Inc. on 28 August 2023. Samples of soil from the most-limiting soil horizons were taken from the test pits and submitted to Down to Earth Labs of Lethbridge. Laboratory soil texture results are included. Based on the observed conditions, conclusions were made as to allowable soil loading rates and sizes of dispersal areas needed for the treatment fields.



230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395699 m		5513599 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 1		O.BLC		Glacial Till		Good		20 in.		60 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-9	L	HT	10YR 4/3	none	none	Granular	2	Friable	Dry	0%
Bm	9-51	L	Lab	10YR 6/3	none	none	Granular	2	Friable	Dry	0%
Ck	51-100	L	Lab	10YR 5/3	none	none	Granular	2	Loose	Dry	0%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 51 inches. Weak to strong effervescence throughout. Minor white precipitates below 51 inches.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395706 m		5513664 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 2		O.BLC		Glacial Till		Good		25 in.		45 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-8	L	HT	10YR 5/4	none	none	Granular	2	Friable	Dry	0%
Bm	8-33	L	Lab	10YR 6/3	none	none	Blocky	2	Friable	Dry	3%
Bm	33-40	L	Lab	10YR 4/4	none	none	Granular	2	Friable	Dry	1%
Ck	40-95	L	HT	10YR 4/3	none	none	Granular	2	Friable	Dry	1%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 40 inches. Strong effervescence below 8 inches. Minor white precipitates from 8 inches to 40 inches. Minor orange precipitates below 33 inches. Coarse fragments are < 1 inch to 2 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395685 m		5513760 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 848 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 3		O.BLC		Glacial Till		Good		5 in.		40 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-10	CL	Lab	10YR 4/4	none	none	Blocky	2	Friable	Dry	0%
Bm	10-27	CL	HT	10YR 5/3	none	none	Granular	2	Friable	Dry	0%
Bm	27-35	CL	Lab	10YR 5/3	none	none	Granular	2	Friable	Dry	15%
Ck	35-100	CL	HT	10YR 4/4	none	none	Granular	2	Friable	Dry	2%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 35 inches. Strong effervescence below 10 inches. Minor white precipitates from 10 inches to 27 inches and 35 inches to 100 inches. Minor orange precipitates below 35 inches. Minor coal fragments below 45 inches. Coarse fragments are 1 inch to 3 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395764 m		5513785 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 848 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 4		O.BLC		Glacial Till		Good		20 in.		40 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-9	CL	HT	10YR 4/4	none	none	Blocky	2	Friable	Dry	0%
Bm	9-26	CL	Lab	10YR 5/3	none	none	Granular	2	Friable	Dry	0%
Bm	26-33	CL	HT	10YR 5/3	none	none	Granular	2	Friable	Dry	15%
Ck	33-52	CL	Lab	10YR 4/4	none	none	Granular	2	Friable	Dry	2%
Ck	52-100	CL	HT	10YR 4/4	none	none	Granular	2	Friable	Dry	0%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 33 inches. Strong effervescence below 9 inches. Minor white precipitates from 9 inches to 26 inches and 52 inches to 100 inches. Minor orange precipitates from 26 inches to 52 inches. Minor coal fragments from 33 inches to 52 inches. Coarse fragments are 1 inch to 3 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395886 m		5513782 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 848 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 5		O.BLC		Glacial Till		Good		25 in.		60 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-13	L	HT	10YR 5/3	none	none	Blocky	2	Friable	Dry	0%
Bm	13-32	L	Lab	10YR 6/3	none	none	Blocky	2	Friable	Dry	0%
Bm	32-38	L	HT	10YR 4/3	none	none	Granular	2	Friable	Dry	15%
Ck	38-52	CL	HT	10YR 4/3	none	none	Granular	2	Friable	Dry	2%
Ck	52-100	CL	Lab	10YR 5/3	none	none	Granular	2	Loose	Dry	0%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 33 inches. Strong effervescence below 9 inches. Minor white precipitates from 9 inches to 26 inches and 52 inches to 100 inches. Minor orange precipitates from 26 inches to 52 inches. Minor coal fragments from 33 inches to 52 inches. Coarse fragments are 1 inch to 3 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				396002 m		5513777 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 6		O.BLC		Glacial Till		Good		5 in.		35 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-7	CL	Lab	10YR 4/3	none	none	Blocky	2	Friable	Dry	0%
Bm	7-31	CL	HT	2.5Y 6/3	none	none	Blocky	2	Friable	Dry	0%
Bm	31-45	CL	Lab	10YR 4/3	none	none	Blocky	2	Friable	Dry	5%
Ck	45-75	CL	HT	10YR 4/2	none	none	Blocky	2	Friable	Dry	1%
Ck	75-100	CL	HT	10YR 4/4 & 10YR 5/8	none	few, fine, faint	Blocky	2	Loose	Dry	0%
Depth to Groundwater		none found		Restricting Soil Layer Characteristic			Clay loam, blocky (grade 2) structure. Few, fine, faint mottles.				
Depth to Seasonally Saturated Soil		75 inches		Depth to restrictive Soil Layer			75 inches				
Site Topography		hummocky		Depth to Highly Permeable Layer Limiting Design			none found				
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 45 inches. Strong effervescence below 7 inches. Minor white precipitates from 7 inches to 75 inches. Minor orange precipitates from 31 inches to 75 inches. Coarse fragments are 1 inch to 2 inches, sub-rounded. Can be a treatment field if lateral depth is 12 inches.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				396024 m		5513668 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 7		O.BLC		Glacial Till		Good		15 in.		30 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-9	CL	Lab	10YR 5/3	none	none	Blocky	3	Friable	Dry	0%
Bm	9-25	CL	HT	10YR 6/3	none	none	Blocky	2	Friable	Dry	0%
Bm	25-77	SCL	Lab	10YR 5/3	none	none	Granular	2	Friable	Dry	0%
Ck	77-90	COSL	HT	2.5Y 5/4 & 10YR 5/8	none	few, fine, faint	Granular	2	Loose	Dry	25%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			Coarse sandy loam, granular (grade 2) structure. Few, fine, faint mottles.			
Depth to Seasonally Saturated Soil		77 inches			Depth to restrictive Soil Layer			77 inches			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, blocky (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				Very few roots below 25 inches. No roots below 77 inches. Weak to strong effervescence from 0 inches to 77 inches. Minor white precipitates from 9 inches to 25 inches. Coarse fragments are < 1 inch to 4 inches, sub-rounded. Can be a treatment field if lateral depth is 12 inches.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395932 m		5513664 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 8		O.BLC		Glacial Till		Good		20 in.		55 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-13	L	HT	10YR 4/3	none	none	Granular	2	Friable	Dry	0%
Bm	13-26	SCL	Lab	2.5Y 6/3	none	none	Blocky	2	Friable	Dry	0%
Bm	26-50	SCL	HT	2.5Y 5/4	none	none	Blocky	2	Friable	Dry	0%
Ck	50-61	L	Lab	10YR 5/4	none	none	Granular	2	Friable	Dry	0%
Ck	61-105	L	HT	2.5Y 5/4	none	none	Granular	2	Friable	Dry	5%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Sandy clay loam, blocky (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 61 inches. Weak to strong effervescence throughout. Minor white precipitates from 26 inches to 50 inches. Minor orange precipitates below 61 inches. Coarse fragments are 1 inch to 2 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395835 m		5513668 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 848 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 9		O.BLC		Glacial Till		Good		15 in.		65 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-12	L	HT	10YR 4/3	none	none	Granular	3	Friable	Dry	0%
Bm	12-21	CL	Lab	10YR 4/3	none	none	Blocky	3	Friable	Dry	0%
Bm	21-32	CL	HT	2.5Y 5/4	none	none	Granular	2	Friable	Dry	0%
Ck	32-45	CL	HT	2.5Y 5/4	none	none	Granular	2	Friable	Dry	0%
Ck	45-63	CL	HT	10YR 5/3	none	none	Granular	2	Loose	Dry	0%
Ck	63-105	CL	Lab	2.5Y 4/3	none	none	Granular	2	Loose	Dry	3%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, blocky (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				Few roots below 45 inches. No roots below 63 inches. Weak to strong effervescence throughout. Minor white precipitates from 21 inches to 45 inches. Coarse fragments are 1 inch to 2 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395841 m		5513589 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 10		O.BLC		Glacial Till		Good		30 in.		50 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-6	L	HT	10YR 4/3	none	none	Granular	3	Friable	Dry	0%
Bm	6-19	CL	HT	10YR 5/4	none	none	Blocky	3	Friable	Dry	0%
Bm	19-33	CL	Lab	10YR 4/3	none	none	Blocky	2	Friable	Dry	0%
Ck	33-45	L	HT	10YR 5/4	none	none	Blocky	2	Friable	Dry	0%
Ck	45-61	L	Lab	10YR 5/3	none	none	Granular	2	Friable	Dry	0%
Ck	61-110	CL	HT	10YR 4/3	none	none	Granular	2	Loose	Dry	3%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, blocky (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 45 inches. Moderate to strong effervescence below 19 inches. Minor white precipitates below 33 inches. Minor orange precipitates below 61 inches. Coarse fragments are 1 inch to 2 inches, sub-rounded.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395841 m		5513526 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 11		O.BLC		Glacial Till		Good		5 in.		50 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-6	CL	Lab	10YR 4/3	none	none	Granular	3	Friable	Dry	0%
Bm	6-21	CL	HT	2.5Y 6/3	none	none	Blocky	3	Friable	Dry	0%
Bm	21-43	CL	HT	2.5Y 4/3	none	none	Granular	2	Friable	Dry	5%
Ck	43-76	CL	Lab	10YR 4/4	none	none	Granular	2	Loose	Dry	1%
Ck	76-105	CL	HT	10YR 4/3 & 10YR 5/8	none	few, fine, distinct	Granular	2	Loose	Dry	1%
Depth to Groundwater		none found		Restricting Soil Layer Characteristic			Clay loam, granular (grade 2) structure. Few, fine, distinct mottles.				
Depth to Seasonally Saturated Soil		76 inches		Depth to restrictive Soil Layer			76 inches				
Site Topography		hummocky		Depth to Highly Permeable Layer Limiting Design			none found				
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				Few roots below 43 inches. No roots below 76 inches. Weak to strong effervescence throughout. Minor white precipitates from 21 inches to 76 inches. Coarse fragments are 1 inch to 3 inches, sub-rounded. Can be a treatment field if lateral depth is 12 inches.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395840 m		5513458 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 846 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
Lot 12		O.BLC		Glacial Till		Good		15 in.		35 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-8	CL	HT	10YR 4/3	none	none	Granular	3	Friable	Dry	0%
Bm	8-22	CL	Lab	2.5Y 6/3	none	none	Blocky	3	Friable	Dry	0%
Bm	22-43	CL	Lab	2.5Y 5/4	none	none	Granular	2	Friable	Dry	5%
Ck	43-82	CL	HT	10YR 3/4	none	none	Granular	2	Loose	Dry	1%
Ck	82-105	CL	HT	10YR 4/4 & 10YR 5/8	none	few, medium, distinct	Granular	2	Loose	Dry	0%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			Clay loam, granular (grade 2) structure. Few, medium, distinct mottles.			
Depth to Seasonally Saturated Soil		82 inches			Depth to restrictive Soil Layer			82 inches			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				Few roots below 43 inches. No roots below 82 inches. Weak to strong effervescence throughout. Minor white precipitates from 22 inches to 82 inches. Coarse fragments are 1 inch to 3 inches, sub-rounded. Can be a treatment field if lateral depth is 12 inches.							

230876 - Bergen Chin Subdivision								28-Aug-23			
Legal Land Location								Test Pit GPS Coordinates (UTM Zone 12N)			
LSD-1/4	Sec	Twp	Rge	Mer	Lot	Block	Plan	Easting		Northing	
NE	25	9	19	4				395699 m		5513495 m	
Vegetation notes:		Crops				Overall site slope %		1%			
						Slope position of test pit:		mid		Elevation 847 m	
Test hole No.		Soil Subgroup		Parent Material		Drainage		Depth of Lab sample #1		Depth of Lab sample #2	
SCHOOL TP		O.BLC		Glacial Till		Good		25 in.		55 in.	
Horizon	Depth (in.)	Texture	Lab or HT	Colour	Gleying	Mottling	Structure	Grade	Consistency	Moisture	% Coarse Fragments
Ap	0-6	CL	HT	10YR 4/3	none	none	Granular	2	Friable	Dry	0%
Bm	6-20	CL	HT	10YR 6/3	none	none	Blocky	2	Friable	Dry	3%
Bm	20-52	CL	Lab	10YR 4/3	none	none	Granular	2	Friable	Dry	1%
Ck	52-100	CL	Lab	10YR 3/3	none	none	Granular	2	Friable	Dry	0%
Depth to Groundwater		none found			Restricting Soil Layer Characteristic			none found			
Depth to Seasonally Saturated Soil		none found			Depth to restrictive Soil Layer			none found			
Site Topography		hummocky			Depth to Highly Permeable Layer Limiting Design			none found			
Key Soil Characteristics applied to system design effluent loading				Clay loam, granular (grade 2) structure							
Weather Condition notes:				Hot, sunny, dry							
Comments: such as root depth and abundance or other pertinent observations:				No roots below 52 inches. Weak to strong effervescence throughout. Minor white precipitates below 6 inches. Coarse fragments are 1 inch to 4 inches, sub-rounded.							



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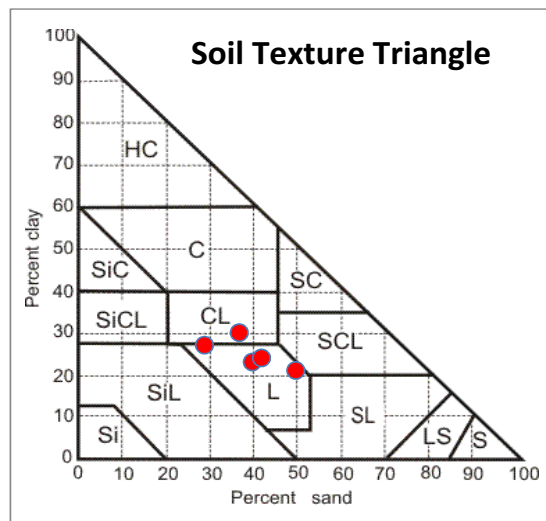
Osprey Engineering Inc

Report #: 159426
Report Date: 2023-09-05
Received: 2023-08-31
Completed: 2023-09-05
Test Done: ST

Project :
 Bergen

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 Lethbridge, AB T1H 5C3
 403-328-1133
 www.downtoearthlabs.com
 info@downtoearthlabs.com

		230831K014	230831K015	230831K016	230831K017	230831K018
		Lot 1- S1	Lot 1- S2	Lot 2- S1	Lot 2- S2	Lot 3- S1
Analyte	Units					
Sand	%	39.9	49.9	28.9	42.0	36.9
Silt	%	37.2	29.2	44.2	34.1	33.2
Clay	%	22.9	20.9	26.9	23.9	29.9
Soil Texture	-	Loam	Loam	Loam	Loam	Clay Loam





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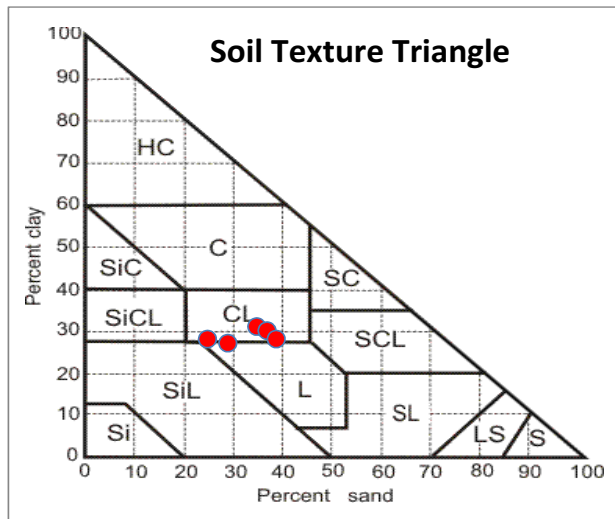
Osprey Engineering Inc

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		230831K019	230831K020	230831K021	230831K022	230831K023
Sample ID:		230831K019	230831K020	230831K021	230831K022	230831K023
Cust. Sample ID:		Lot 3- S2	Lot 4- S1	Lot 4- S2	Lot 5- S1	Lot 5- S2
Analyte	Units	40	20	40	25	60
Sand	%	34.9	24.9	37.0	29.0	38.9
Silt	%	34.2	47.2	33.1	44.1	33.2
Clay	%	30.9	27.9	29.9	26.9	27.9
Soil Texture	-	Clay Loam	Clay Loam	Clay Loam	Loam	Clay Loam





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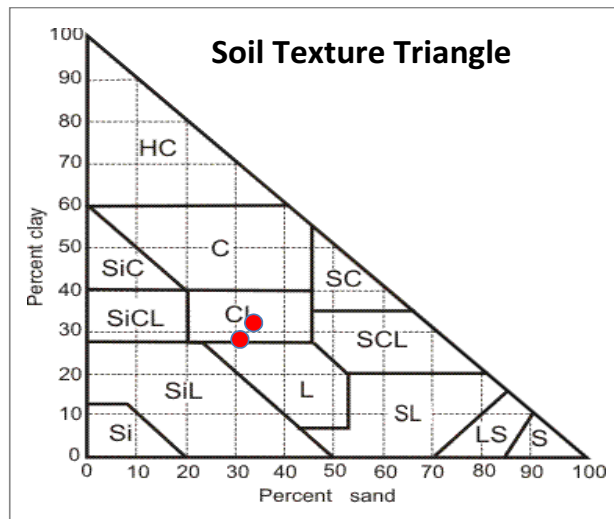
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Report Date: 2023-09-05
Received: 2023-08-31
Completed: 2023-09-05
Test Done: ST

Project :
Bergen

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Sample ID:	230831K024	230831K025	
Cust. Sample ID:	Lot 6- S1	Lot 6- S2	
Analyte	Units	5	35

Sand	%	31.2	34.0
Silt	%	40.9	34.1
Clay	%	27.9	31.9
Soil Texture	-	Clay Loam	Clay Loam



Raygan Boyce - Chemist



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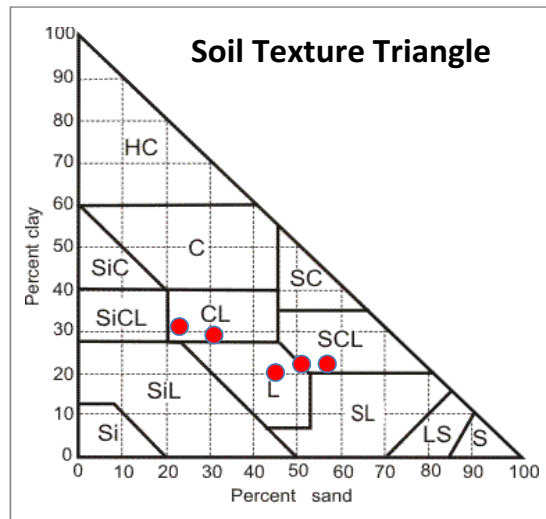
Osprey Engineering Inc

Report #: 159427
Report Date: 2023-09-05
Received: 2023-08-31
Completed: 2023-09-05
Test Done: ST

Project :
 Bergen
PO:

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		230831L001	230831L002	230831L003	230831L004	230831L005
Sample ID:		230831L001	230831L002	230831L003	230831L004	230831L005
Cust. Sample ID:		Lot 7- S1	Lot 7- S2	Lot 8- S1	Lot 8- S2	Lot 9- S1
Analyte	Units	15	30	20	55	15
Sand	%	31.1	57.1	51.2	45.2	23.2
Silt	%	40.0	20.9	26.9	34.9	45.9
Clay	%	28.9	22.0	21.9	19.9	30.9
Soil Texture	-	Clay Loam	Sandy Clay Loam	Sandy Clay Loam	Loam	Clay Loam





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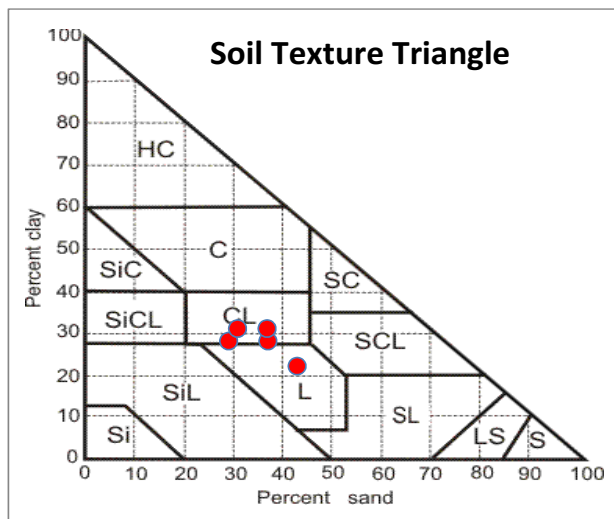
Osprey Engineering Inc

Report #: 159427
Report Date: 2023-09-05
Received: 2023-08-31
Completed: 2023-09-05
Test Done: ST

Project :
 Bergen
PO:

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		230831L006	230831L007	230831L008	230831L009	230831L010
Sample ID:		230831L006	230831L007	230831L008	230831L009	230831L010
Cust. Sample ID:		Lot 9- S2	Lot 10- S1	Lot 10- S2	Lot 11- S1	Lot 11- S2
Analyte	Units	65	30	50	5	50
Sand	%	37.2	29.2	43.1	31.0	37.0
Silt	%	34.9	42.9	35.0	38.1	32.1
Clay	%	27.9	27.9	21.9	30.9	30.9
Soil Texture	-	Clay Loam	Clay Loam	Loam	Clay Loam	Clay Loam





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The Science of Higher Yields

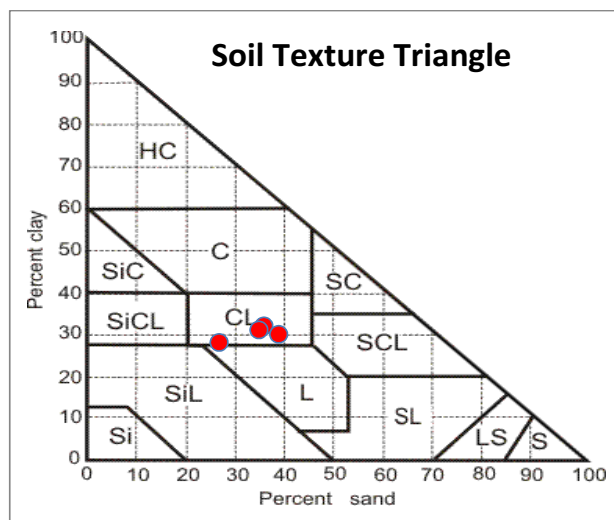
Osprey Engineering Inc

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Completed: 2023-09-05
Test Done: ST

Project :
 Bergen

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 info@downtoearthlabs.com

Sample ID:	230831L011	230831L012	230831L013	230831L014	
Cust. Sample ID:	Lot 12- S1	Lot 12- S2	School TP- S1	School TP- S2	
Analyte	Units	15	35	25	55
Sand	%	27.0	36.1	35.1	39.1
Silt	%	45.1	32.0	34.0	31.0
Clay	%	27.9	31.9	30.9	29.9
Soil Texture	-	Clay Loam	Clay Loam	Clay Loam	Clay Loam



Raygan Boyce - Chemist

APPENDIX B – WELL INFORMATION

The following records are from the Alberta Well Information Database (Alberta Environment and Parks, 2023) for the area within Section 25-9-19-4. It must be noted that well locations are often not described exactly, and the locations noted in this database are often for the centroid of the parcel, legal subdivision (LSD) or quarter-section in which the well is located.





Water Well Drilling Report

[View in Metric](#) [Export to Excel](#)

GIC Well ID 106250
GoA Well Tag No.
Drilling Company Well ID
Date Report Received 1984/09/12

The driller supplies the data contained in this report. The Province disclaims responsibility for its accuracy. The information on this report will be retained in a public database.

GOWN ID

Well Identification and Location										Measurement in Imperial	
Owner Name KIENTOPP, WILLIAM		Address			Town		Province		Country		Postal Code
Location	1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description		
	SE	25	9	19	4						
Measured from Boundary of				GPS Coordinates in Decimal Degrees (NAD 83)				Elevation			
_____ ft from _____				Latitude 49.760440 Longitude -112.448856				_____ ft			
_____ ft from _____				How Location Obtained				How Elevation Obtained			
				Map				Not Obtained			

Drilling Information	
Method of Drilling Not Applicable	Type of Work Chemistry
Proposed Well Use Domestic & Stock	

Formation Log			Measurement in Imperial
Depth from ground level (ft)	Water Bearing	Lithology Description	

Yield Test Summary			Measurement in Imperial
Recommended Pump Rate	0.00 igpm		
Test Date	Water Removal Rate (igpm)	Static Water Level (ft)	
1984/09/11		45.00	

Well Completion				Measurement in Imperial
Total Depth Drilled	Finished Well Depth	Start Date	End Date	
47.00 ft				
Borehole				
Diameter (in)	From (ft)	To (ft)		
0.00	0.00	47.00		
Surface Casing (if applicable)		Well Casing/Liner		
Size OD :	0.00 in	Size OD :	0.00 in	
Wall Thickness :	0.000 in	Wall Thickness :	0.000 in	
Bottom at :	0.00 ft	Top at :	0.00 ft	
		Bottom at :	0.00 ft	
Perforations				
From (ft)	To (ft)	Diameter or Slot Width(in)	Slot Length (in)	Hole or Slot Interval(in)
Perforated by				
Annular Seal				
Placed from	0.00 ft	to	0.00 ft	
Amount	_____			
Other Seals				
	Type	At (ft)		
Screen Type				
Size OD :	0.00 in			
From (ft)	To (ft)	Slot Size (in)		
Attachment _____				
Top Fittings	_____		Bottom Fittings _____	
Pack				
Type	_____		Grain Size _____	
Amount	_____			

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well UNKNOWN NA DRILLER	Certification No 1
Company Name UNKNOWN DRILLER	Copy of Well report provided to owner Date approval holder signed



Water Well Drilling Report

[View in Metric](#) [Export to Excel](#)

GIC Well ID 106250
GoA Well Tag No.
Drilling Company Well ID
Date Report Received 1984/09/12

The driller supplies the data contained in this report. The Province disclaims responsibility for its accuracy. The information on this report will be retained in a public database.

GOWN ID

Well Identification and Location										Measurement in Imperial	
Owner Name KIENTOPP, WILLIAM		Address			Town		Province		Country		Postal Code
Location	1/4 or LSD SE	SEC 25	TWP 9	RGE 19	W of MER 4	Lot	Block	Plan	Additional Description		
Measured from Boundary of				GPS Coordinates in Decimal Degrees (NAD 83)				Elevation			
ft from _____				Latitude 49.760440 Longitude -112.448856				ft _____			
ft from _____				How Location Obtained				How Elevation Obtained			
				Map				Not Obtained			

Additional Information										Measurement in Imperial	
Distance From Top of Casing to Ground Level _____ in					Is Flow Control Installed _____						
Is Artesian Flow _____					Describe _____						
Rate _____ igpm											
Recommended Pump Rate _____ 0.00 igpm					Pump Installed _____		Depth _____ ft				
Recommended Pump Intake Depth (From TOC) _____ 0.00 ft					Type _____		Make _____		H.P. _____		Model (Output Rating) _____
Did you Encounter Saline Water (>4000 ppm TDS) _____					Depth _____ ft		Well Disinfected Upon Completion _____				
Remedial Action Taken _____					Gas _____		Depth _____ ft		Geophysical Log Taken _____		
					Submitted to ESRD _____						
					Sample Collected for Potability _____		Submitted to ESRD <u>Yes</u>				
Additional Comments on Well _____											

Yield Test			Taken From Ground Level	Measurement in Imperial
Test Date	Start Time	Static Water Level	Depth to water level	
1984/09/11	12:00 AM	45.00 ft		
			Pumping (ft)	Elapsed Time Minutes:Sec
				Recovery (ft)
Method of Water Removal				
Type _____				
Removal Rate _____ igpm				
Depth Withdrawn From _____ 0.00 ft				
If water removal period was < 2 hours, explain why _____				

Water Diverted for Drilling		
Water Source	Amount Taken	Diversion Date & Time
	ig	

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well	Certification No
UNKNOWN NA DRILLER	1
Company Name	Copy of Well report provided to owner
UNKNOWN DRILLER	Date approval holder signed

REFERENCES

- Alberta Association of Municipal Districts & Counties in partnership with Alberta Municipal Affairs. (2011). *The Model Process for Subdivision Approval and Private Sewage, The Suitability and Viability of Subdivisions Relying on Private Sewage Systems*. Edmonton: Alberta Association of Municipal Districts and Counties.
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- Rural Municipalities of Alberta. (2011). *Model Process for Subdivision Approval and Private Sewage*. Nisku: Rural Municipalities of Alberta.
- Safety Codes Council. (2021). *Alberta Private Sewage Systems Standard of Practice*. Edmonton: Government of Alberta.



APPENDIX D

Osprey Engineering Storm Water Report





Chin ASP Conceptual Stormwater Management Plan (Revised)

Site details:

Legal Description:

Blocks A, B & E, Plan 899 AA, NE25-9-19-4

Municipal Address:

North Side of Alberta Avenue, Hamlet of Chin

Municipality:

Lethbridge County, AB

Client: Douglas Bergen and Associates Ltd.

Project: 230876

Date: 19 December 2023

OSPREY ENGINEERING INC.
BOX 1367 · BLACK DIAMOND, ALBERTA · T0L 0H0 CANADA
TEL.: 403.933.2226 · EMAIL: ospreyeng@gmail.com

PROFESSIONAL AUTHENTICATION

This professional work product was produced by or under the direct supervision of the persons noted in compliance with Osprey Engineering Inc.'s professional practice management plan. If errors or omissions are suspected or found, please contact the author or authenticating professional forthwith. This report is to be used by the client/s noted and the authority having jurisdiction for the purpose/s noted.

Osprey Engineering Inc. accepts no responsibility for the work of others.

Osprey Engineering Inc. accepts no responsibility for others' conclusions derived from this report.

Authenticating professional:

Responsible member for
OSPREY ENGINEERING INC.
Association of Professional Engineers and Geoscientists of
Alberta Permit to Practice No. **P10743**

Michael A. Kitchen, P.Eng.
President

EXECUTIVE SUMMARY

The Chin Area Structure Plan proposes amendments to land use for a 15.94 ha [39.41 acre] (more or less) area north of Alberta Avenue and west of Range Road 9-0 in the Hamlet of Chin, Lethbridge County. The parcel is adjacent to the corporate limit of the Municipal District of Taber. The intent is to allow subdivision of:

- 12 country residential lots of approximately 0.8 ha [2 acres] each
- 1 school lot of approximately 1.4 ha [3.3 acres] plus a pond area of approximately 0.3 ha [0.8 acres]
- The remainder may be further subdivided with an additional 0.8 ha [2 acre] (approximately) parcel leaving a 2.2 ha [5.4 acre] parcel containing an existing house and auxiliary buildings.

The area is in flat to very gently rolling topography with a sizeable depression located centrally within the subject parcel and in adjacent land to the west. The area is drained by a poorly-defined swale with a very flat longitudinal slope (0.4 m/km).

As the level of development proposed is not intense, increase in hard surface does not result in measurable impact to flows, runoff volume or maximum depth of water in the depressions. Vegetation and soil logs do not indicate these features are wet for any length of time. As such, no ponds were recommended. However, as Lethbridge County has insisted on a pond being installed, such has been provided as noted in this revised report. While not necessary for overall stormwater management, the pond does allow more advantageous ditch grading and culvert design for the extension of Naismith Street.

Given this the following recommendations were made regarding development of the subject parcel:

1. As prescribed by Lethbridge County, a pond will be constructed in the southwest portion of the subject parcel, north of the proposed school lot:
 - a. The pond shall have an approximate storage volume (below the existing depression's bottom) of approximately 1620 m³.
 - b. The pond shall have side slopes not exceeding 5H:1V.
 - c. A pad shall be provided to install a pump to dewater the pond when necessary. Discharge shall be directed to grassed areas near the swale. Recommended rate of discharge is 9 L/s [143 USgpm], which would allow full drawdown in less than 96 hours.
 - d. The pond shall have a landscaped bottom with deep topsoil to encourage evapotranspiration.
 - e. No liner is specified to encourage infiltration.
2. Buildings adjacent to the depression should be constructed such that main floor elevation and entrances are well above flood elevation. A minimum freeboard of 0.6 m to main floor elevation above the 100-year maximum depth of ponding is recommended. For the subject parcel, this is an elevation of **847.70 m**.
3. That the flows potentially crossing the extension of Naismith Street be duly considered. Design of equalization culverts should of adequate size to ensure upstream flows are passed with minimal headwater. Tailwater must be duly considered. The road should allow for an emergency overflow elevation below the main floor elevation noted above.

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I. BACKGROUND

The Chin Area Structure Plan proposes amendments to land use for a 15.94 ha [39.41 acre] (more or less) area north of Alberta Avenue and west of Range Road 9-0 in the Hamlet of Chin, Lethbridge County. The parcel is adjacent to the corporate limit of the Municipal District of Taber. The intent is to allow subdivision of:

- 12 country residential lots of approximately 0.8 ha [2 acres] each
- 1 school lot of approximately 1.4 ha [3.3 acres] plus a pond area of approximately 0.3 ha [0.8 acres]
- The remainder may be further subdivided with an additional 0.8 ha [2 acre] (approximately) parcel leaving a 2.2 ha [5.4 acre] parcel containing an existing house and auxiliary buildings.

A public road (extension of Naismith Street) is proposed to extend north and turn east to connect to Range Road 9-0.

The topography of the area is flat to very gently rolling with slopes on the order of less than 0.5% to 2%. A depression roughly bisects the subject area from east to west. This is drained by a poorly defined swale which follows the low area westward to west-southwest. The swale ends at the Canadian Pacific Railway approximately 2 km west-southwest (approximately 300 m east of the St. Mary River Irrigation District Canal). Over its 2.32 km length, the average longitudinal slope of this swale is less than 0.4 m/km [0.04%], this several areas of adverse slope. A high point exists in the swale approximately 400 m west of the subject parcel at an elevation of 846.95 m. Depressions exist below this elevation to an approximate elevation of 846.5 m. Soil logs performed by Osprey in September 2023 do not indicate continued or frequent saturation. As such, flooding these areas is likely minor and infrequent.

The depressions within and immediately west of the subject parcel receive runoff from the entire Chin hamlet west of Range Road 9-0 and a large area of irrigated cropland to the north. The total area tributary to the depressions is approximately 98.63 ha.

A. General Information

Table 1 provides details specific to this site.

Table 1 – General Details

Legal Description	Blocks A, B & E, Plan 899 AA
ATS Reference	NE25-9-19-4
Drainage Area	98.63 ha
Outfall	Surface drainage (swale) at CPR
Discharges to	St. Mary River Irrigation District

B. Study Area and Surrounding Development

The study area consists of the land tributary to the depression within and immediately west of the subject parcel.

Surrounding development is:

- Agricultural (irrigated crop land) to the north, east and west and
- Hamlet to the south.

C. Previous Reports and Designs

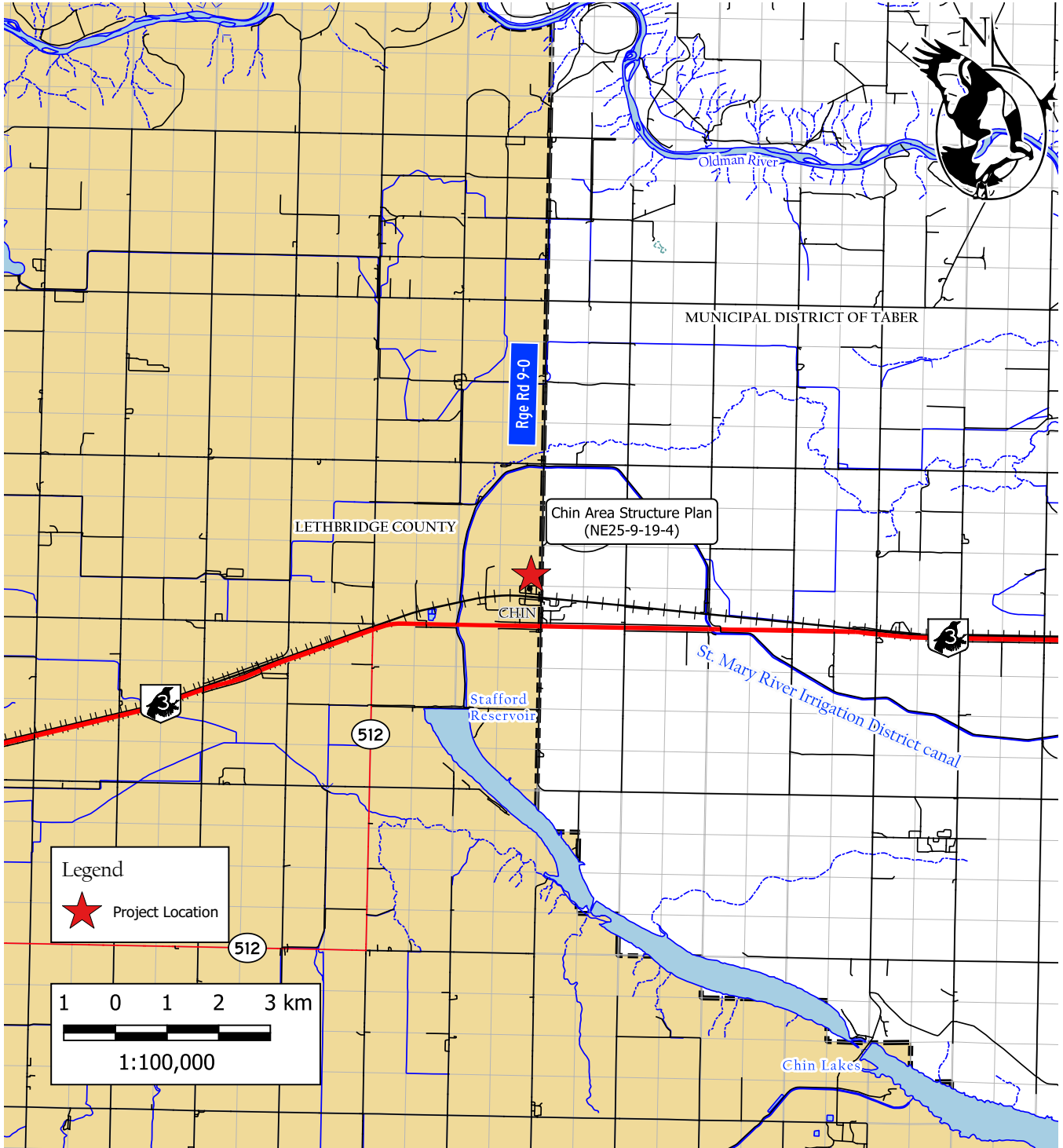
No previous reports are noted regarding surface or storm drainage pertinent to the subject parcel or surroundings.

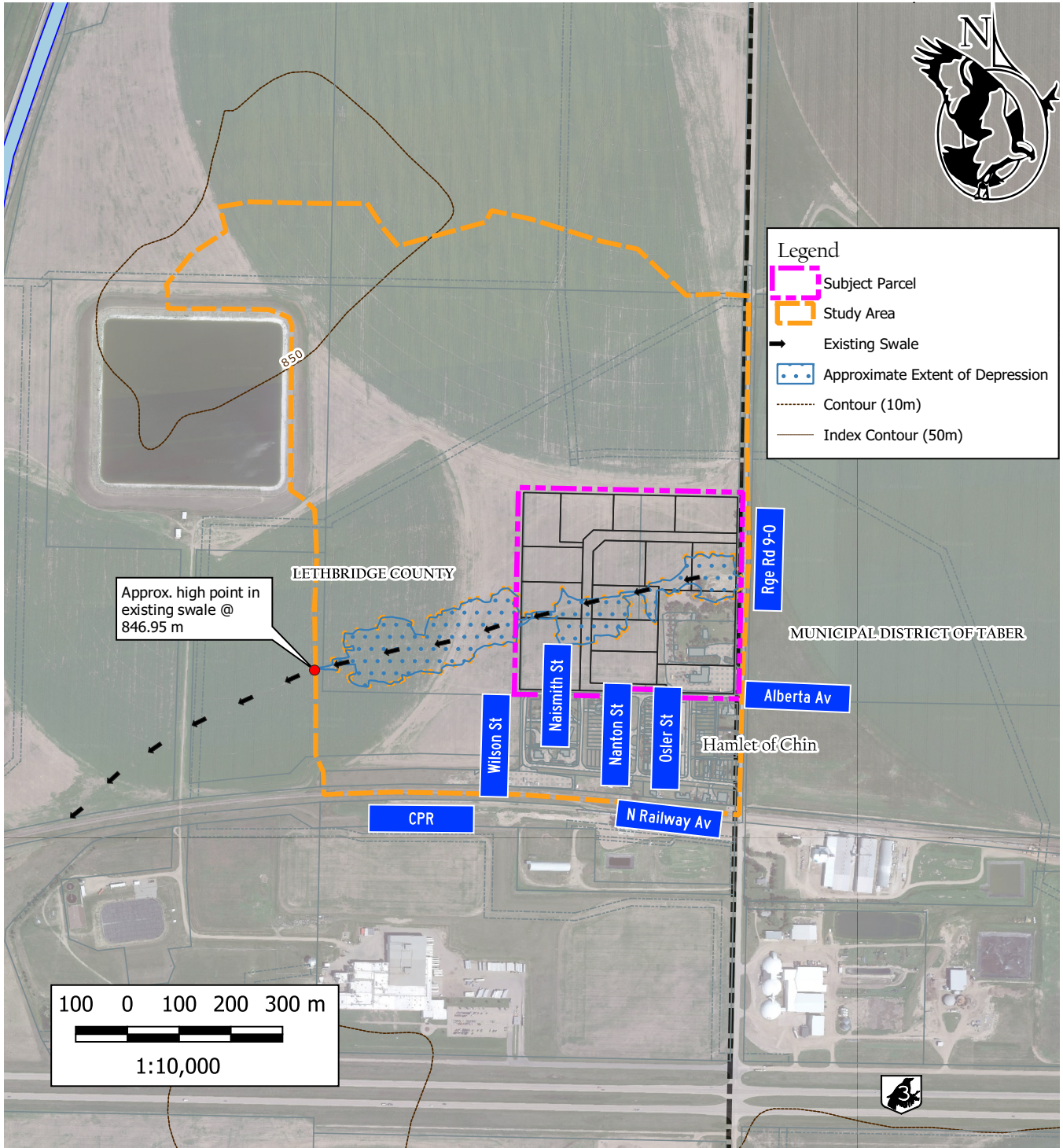
D. Report Purpose and Limitation

Osprey Engineering Inc. was engaged by the proponent to provide a stormwater management plan for the proposed development. Specifically, the following details were required:

- Determine existing and post-development runoff rates from the subject parcel.
- Design best management practices to address impacts of development of the subject parcel on surface drainage.

This report and the conclusions contained herein are intended for the use of the proponent and the Lethbridge County for the design of storm drainage works. Any use or extrapolation of the report's conclusions beyond the intent stated is neither supported nor warranted by Osprey Engineering Inc.





II. METHODOLOGY AND ASSUMPTIONS

This stormwater management plan and its associated analyses were consistent with the following documents:

- *Standards and Guidelines for Municipal Waterworks, Wastewater and Storm Drainage Systems* (Alberta Environment and Parks, 2013)
- *Municipal Policies and Procedures Manual* (Alberta Environment and Parks, 2001)
- *Stormwater Management Guidelines for the Province of Alberta* (Alberta Environment and Parks, 1999)

Reference is made to *Design Standards* (City of Lethbridge, 2021).

A. Models Used

Analysis of the proposed storm drainage system was performed using EPA-SWMM5 (version 5.2.024) (United States Environmental Protection Agency, 2023). EPA-SWMM allows seasonal variation of hydraulic conductivity parameters using a multiplier in its climate module (Rossman & Huber, 2016).

B. Precipitation and Scenarios

Both continuous and single-event models were used in simulating the operation of the storm drainage system. The following describes the precipitation simulated:

- Continuous Simulation: A continuous model using immediately available climate data for Lethbridge for the years 1960-1995 (36 years). (Note: a longer data set is being procured from Environment Canada).
- Single-event: the single-event storm is that recommended by the City of Lethbridge as detailed in Table 2.

Table 2 – Single Event Design Storm (City of Lethbridge, 2021)

Return period (T)	100 years
Time to peak (r)	0.3
Duration	24 hr
IDF Parameters	a=1019.20
$(i_T = \frac{a}{(b+t)^c})$	b=0
	c=0.731
Rainfall (mm)	89 mm

The following scenarios were investigated:

1. Existing: subject area and surroundings as existing (derived from ground survey and publicly available data including air photos).
2. Post-development: subject area as proposed to be developed per proponent's plans. Surrounding area as existing.
3. Post-development with pond: subject area as proposed with pond as prescribed by Lethbridge County.

C. Allowable Discharge from Development

No specific targets have been provided with respect to runoff rates or volumes from the subject parcel.

D. Hydrology

Storm drainage area (subcatchment) boundaries are shown on Figure 3. Table 3 details the

specific hydrologic assumptions made for each subcatchment in EPA-SWMM. Assumptions common to all subcatchments are detailed in Table 4.

Table 3 – Subcatchment Parameters

Subcatchment ID	Runoff Drains to (ID)	Area (ha)	Width (m)	Flowpath Length (m)	Slope (%)	Imperviousness (%)
Existing (Scenario 1)						
S1010	SU101	3.54	354	100	0.37	100.0
S1011	S1010	10.32	516	200	1.06	1.0
S1012	S1010	35.73	893	400	1.80	0.0
S1020	SU102	2.27	227	100	0.49	100.0
S1021	S1020	15.81	790	200	1.23	17.6
S1022	S1020	30.96	774	400	0.68	0.5
Post-development (Scenario 2)						
S1010	SU101	3.54	354	100	0.4	100.0
S1011	S1010	10.32	516	200	1.1	1.0
S1012	S1010	35.73	893	400	1.8	0.1
S1020	SU102	2.27	227	100	0.5	100.0
S1021	S1020	15.81	790	200	1.2	19.7
S1022	S1020	30.96	774	400	0.7	3.4
Post-development with pond (Scenario 3)						
S1010	SU101	3.54	354	100	0.4	100.0
S1011	S1010	10.32	516	200	1.1	1.0
S1012	S1010	35.73	893	400	1.8	0.1
S1020	SU102	2.27	227	100	0.5	100.0
S1021	SU102a	15.81	790	200	1.2	19.7
S1022	SU102a	30.96	774	400	0.7	3.4

Table 4 – General Hydrologic Assumptions

Parameter	Value	Source
Surface roughness (Manning's n)	Impervious = 0.015 Pervious = 0.25	Pervious assumes lawn or pasture (American Society of Civil Engineers, 1992)
Depression storage	Imperv.: 1.6 mm Pervious: 7.5 mm (absorbent landscaping, 300 mm topsoil)	Impervious is as per developed areas, on-site pervious assumes absorbent landscaping: 0.3 m loamy topsoil, minimum.
Sub-area routing	Outlet	Routes both pervious and impervious surfaces directly inlet nodes or downstream catchment (Rossman & Huber, 2016)
Soil characteristics (Green-Ampt)	Loam K = 3.4 mm/hr ψ = 89 mm IMD = 0.35	

1. Imperviousness

Assumed imperviousness for different cover types are as noted:

- Roofs, asphalt, concrete: 100%
- Gravel: 50%
- Each new country residential lot assumes 800 m² of hard surface,
- The school lot is assumed as per designs provided.

Overall imperviousness for each subcatchment was derived using an area-weighted average based on the proposed sited development plan provided by the owner.

2. Evaporation

Monthly evaporation assumed the values typical for Lethbridge and area per Table 5.

Table 5 – Monthly Evaporation for Lethbridge (mm/day) (Government of Alberta, 2013)

January	February	March	April	May	June
0	0	1	2.5	3.9	4.7
July	August	September	October	November	December
5.4	4.3	2.4	1	0.2	0

No evaporation is assumed in single-event modelling.

E. Depression Storage

The large depressions noted were modeled explicitly as noted in Table 6 and Table 7.

Table 6 – Stage Storage Assumed for West Depression (SWMM Node SUI01)

Elevation (m AGD)	Depth (m)	Surface Area (m ²)	Volume Detained (m ³)
846.50	0.00	0	
847.00	0.50	35,420	8,855

Table 7 – Stage Storage Assumed for East Depression (SWMM Node SUI02)

Elevation (m AGD)	Depth (m)	Surface Area (m ²)	Volume Detained (m ³)
846.50	0.00	0	
847.00	0.50	22,670	5,668

1. Seepage and Infiltration
 Infiltration from the depressions are assumed to be similar to the soil conditions noted for the subcatchments (see Table 4).

F. Proposed Pond

The pond prescribed by Lethbridge County is assumed to be as per Table 8. The pond is located such that it will capture runoff from the existing swale and will fill as part of the larger depression. The pond is assumed to operate as a primarily dry facility. Side slopes are to be not greater than 5H:1V. Pond shall be grassed or similarly vegetated.

Table 8 – Stage Storage for Pond (SWMM Node SUI02a)

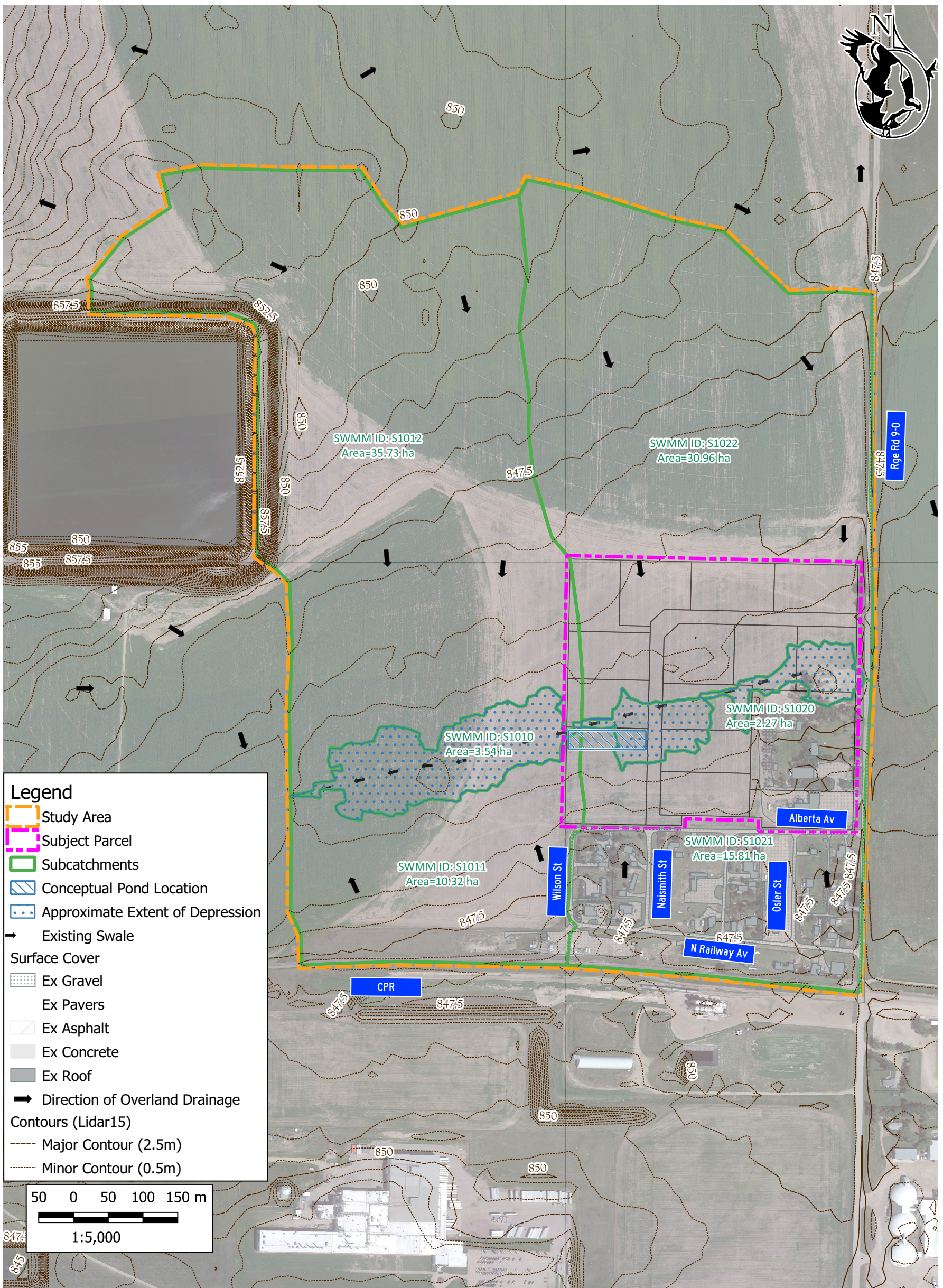
Elevation (m AGD)	Depth (m)	Surface Area (m ²)	Volume Detained (m ³)	
845.00	0.00	480		Bottom (approx.)
846.50	1.50	1,680	1,620	Bottom of ex. depression
847.00	2.00	22,670	7,708	Overflow

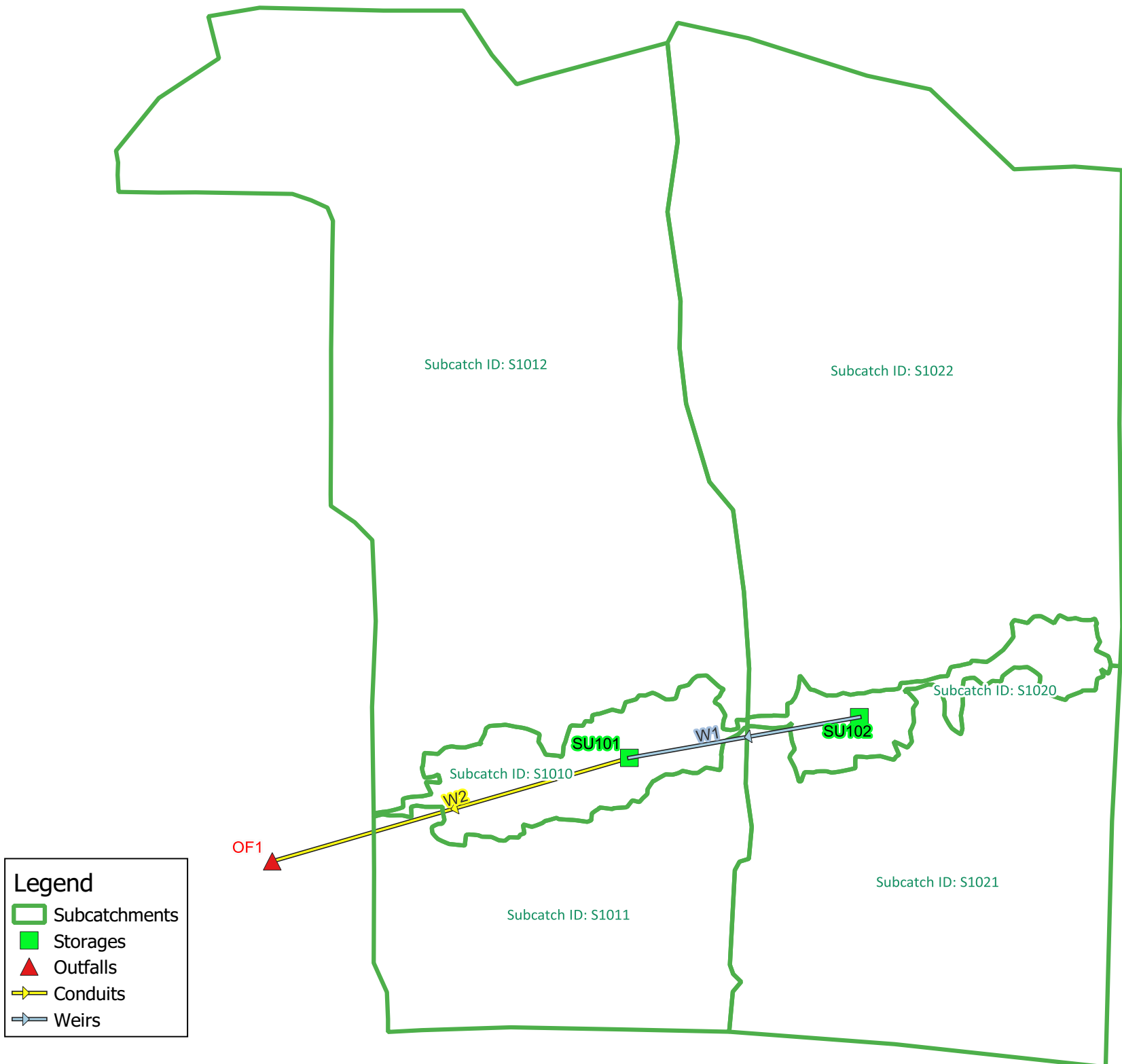
1. Pond Discharge
 The pond will have a pump to ensure it can be drained from full within 4 days. Specific pump details assumed are as follows:
 - o Average discharge is 9 L/s [143 USgpm].
 - o Pump on is at 0.4 m depth [elev. 845.4 m AGD].
 - o Pump off is at 0.3 m depth [elev. 845.3 m AGD].
 - o Given the climate and soil conditions, water not pumped will infiltrate or evapotranspire.

Discharge is assumed to be to dry land tributary to the existing swale.
 Overflow is by gravity overland to the existing swale.

G. Model Topology

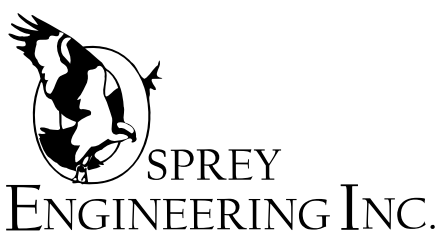
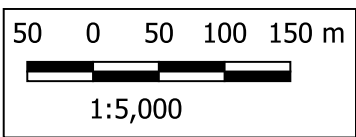
A schematic representation of the SWMM5 model is provided as Figure 4 (scenarios 1 and 2) and Figure 5 (Scenario 3).



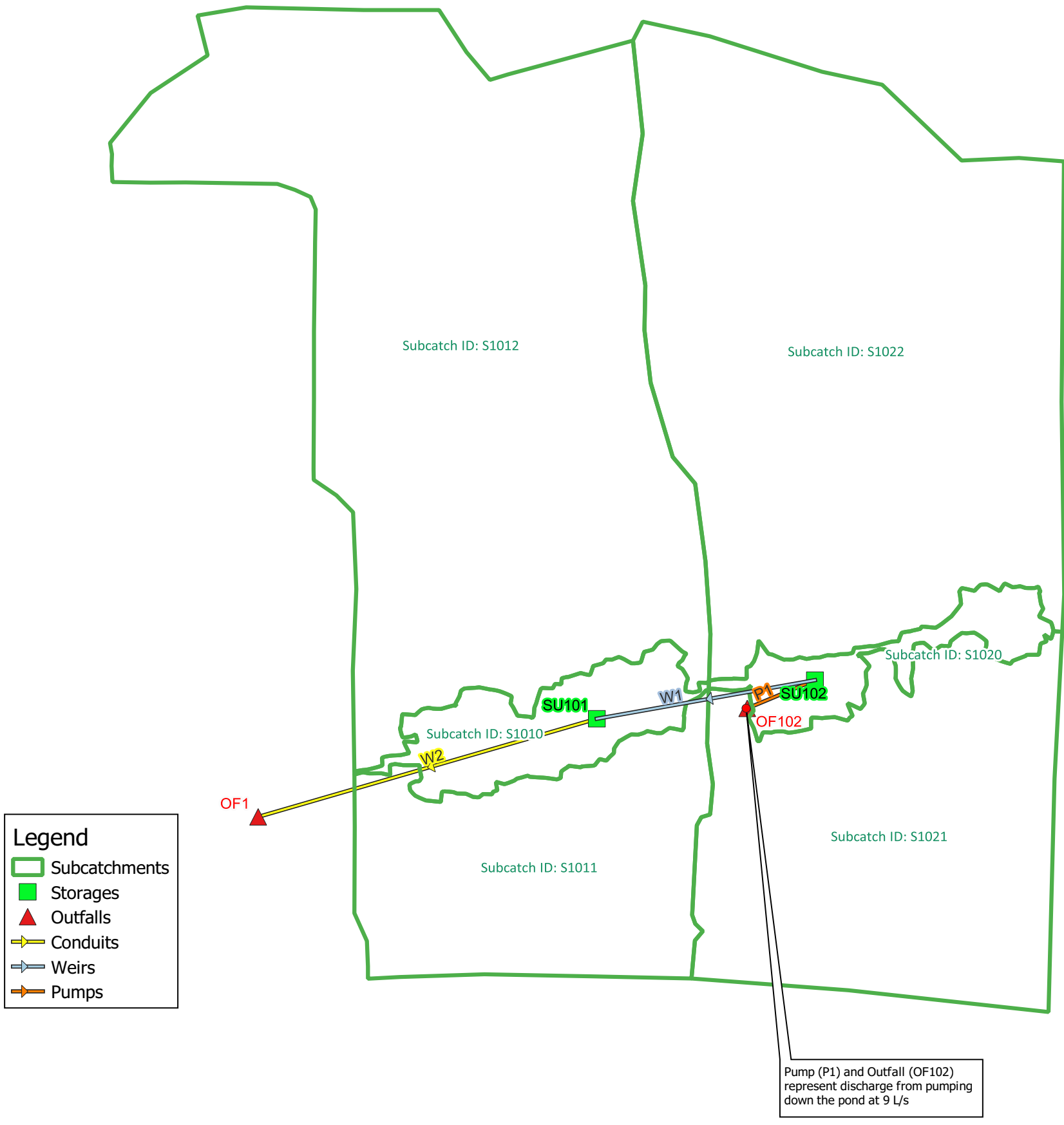


Legend

- Subcatchments
- Storages
- Outfalls
- Conduits
- Weirs

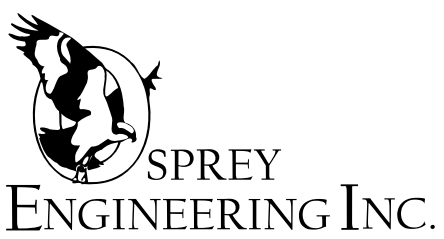
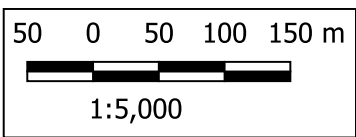


Chin ASP
Conceptual Stormwater Management Plan
Figure 4 - SWMM5 Model Schematic



Legend

- Subcatchments
- Storages
- Outfalls
- Conduits
- Weirs
- Pumps



Chin ASP
Conceptual Stormwater Management Plan
Figure 5 - SWMM5 Model Schematic
(Scenario 3)

III. RESULTS

The following summarizes the results of the analyses performed.

A. Major System Boundary Conditions

Major system outflows are as shown on Table 8. As can be seen, the change in runoff rate is minimal and overall volumes of runoff are quite low, as would be expected given the relatively low level of development here.

Table 9 – Major System Outflows

Location	Area (ha)	Flow rate (m ³ /s)	URR (L/s/ha)	Depth (mm)	Annual Volume (mm)	Volume (m ³)	Storm
1. Existing	98.63	1.380	14.0	42.4	1.2	41,865	Continuous
2. Post-development	98.63	1.413	14.3	43.7	1.2	43,099	Continuous
3. Post-development with pond	98.63	1.308	13.3	39.1	1.1	38,585	Continuous
1. Existing	98.63	0.652	6.6	12.7	n/a	12,515	100 year, 24 hour
2. Post-development	98.63	0.687	7.0	13.3	n/a	13,116	100 year, 24 hour
3. Post-development with pond	99.63	0.537	5.4	10.4	n/a	10,393	100 year, 24 hour

B. Surface Detention

Table 9 and Table 10 shows the depths expected in the surface traplows. As can be seen, there is very little difference between existing and post-development levels. The pond does provide some additional reduction in offsite flows and water depths over existing conditions.

Table 10 – Depression Storage (Continuous)

Traplow Number	Spill Elevation (m)	Spill Depth (m)	Volume Detained (m ³)	100-year Elevation (m)	100-year Depth (m)	100-year Volume (m ³)	Scenario
West Depression (SU101)	847.00	0.50	8,855	847.26	0.76	20,320	1. Existing
West Depression (SU101)	847.00	0.50	8,855	847.26	0.76	20,468	2. Post-development
West Depression (SU101)	847.00	0.50	8,855	847.25	0.75	19,990	3. Post-development with pond
East Depression (SU102)	847.00	0.50	5,668	847.14	0.64	9,191	1. Existing
East Depression (SU102)	847.00	0.50	5,668	847.14	0.64	9,329	2. Post-development
East Depression (SU102)	847.00	2.00	7,708	847.13	2.13	10,934	3. Post-development with pond

Table 11 – Depression Storage (100 year, 24 hour Design Storm)

Traplow Number	Spill Elevation (m)	Spill Depth (m)	Volume Detained (m ³)	100-year Elevation (m)	100-year Depth (m)	100-year Volume (m ³)	Scenario
West Depression (SU101)	847.00	0.50	8,855	847.18	0.68	16,484	1. Existing
West Depression (SU101)	847.00	0.50	8,855	847.19	0.69	16,702	2. Post-development
West Depression (SU101)	847.00	0.50	8,855	847.17	0.67	15,705	3. Post-development with pond
East Depression (SU102)	847.00	0.50	5,668	847.1	0.6	8,106	1. Existing
East Depression (SU102)	847.00	0.50	5,668	847.1	0.6	8,274	2. Post-development
East Depression (SU102)	847.00	2.00	7,708	847.08	2.08	9,580	3. Post-development with pond

C. Overland Flows

The site drainage does not feature any significant gutter, swales or ditches. Runoff is primarily sheet or shallow concentrated flow. Depths and velocities will not exceed AEP guidelines.

IV. CONCLUSIONS AND RECOMMENDATIONS

Based on the analysis performed, the following conclusions are made:

1. The proposed development does not impact runoff to a measurable degree.
2. That there is concern regarding occasional inundation in the depressions within and adjacent to the subject parcel.

Based on the above, the following recommendations are made with respect to development of the subject parcel:

1. As prescribed by Lethbridge County, a pond will be constructed in the southwest portion of the subject parcel, north of the proposed school lot:
 - a. The pond shall have an approximate storage volume (below the existing depression's bottom) of approximately 1620 m³.
 - b. The pond shall have side slopes not exceeding 5H:1V.
 - c. A pad shall be provided to install a pump to dewater the pond when necessary. Discharge shall be directed to grassed areas near the swale. Recommended rate of discharge is 9 L/s [143 USgpm], which would allow full drawdown in less than 96 hours.
 - d. The pond shall have a landscaped bottom with deep topsoil to encourage evapotranspiration.
 - e. No liner is specified to encourage infiltration.
2. Buildings adjacent to the depression should be constructed such that main floor elevation and entrances are well above flood elevation. A minimum freeboard of 0.6 m to main floor elevation above the 100-year maximum depth of ponding is recommended. For the subject parcel, this is an elevation of 847.7 m.
3. That the flows potentially crossing the extension of Naismith Street be duly considered. Design of equalization culverts should of adequate size to ensure upstream flows are passed with minimal headwater. Tailwater must be duly considered. The road should allow for an emergency overflow elevation below the main floor elevation noted above.

APPENDIX A

The following pages contain the report files for the SWMM5 models of each scenario considered.

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

Chin ASP - Predevelopment - 100y24h Design Storm

 Element Count

 Number of rain gages 1
 Number of subcatchments 6
 Number of nodes 3
 Number of links 2
 Number of pollutants 0
 Number of land uses 0

 Raingage Summary

Name	Data Source	Data Type	Recording Interval
Leth_100y24hr	Leth_100y24hr	INTENSITY	5 min.

 Subcatchment Summary

Name	Area	width	%Imperv	%Slope	Rain Gage	Outlet
S1010	3.54	354.37	100.00	0.3700	Leth_100y24hr	SU101
S1011	10.32	515.93	0.97	1.0610	Leth_100y24hr	S1010
S1012	35.73	893.16	0.00	1.7990	Leth_100y24hr	S1010
S1020	2.27	226.83	100.00	0.4880	Leth_100y24hr	SU102
S1021	15.81	790.47	17.57	1.2280	Leth_100y24hr	S1020
S1022	30.96	773.97	0.52	0.6810	Leth_100y24hr	S1020

 Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	846.70	0.50	0.0	
SU101	STORAGE	846.50	5.00	0.0	
SU102	STORAGE	846.50	5.00	0.0	

 Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
W2	SU101	OF1	CONDUIT	50.0	0.5000	0.2500
W1	SU102	SU101	WEIR			

 Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
W2	TRIANGULAR	0.50	45.00	0.25	180.00	1	5.05

 Analysis Options

Flow Units CMS
 Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
 Infiltration Method MODIFIED_GREEN_AMPT
 Flow Routing Method KINWAVE
 Starting Date 07/01/2023 00:00:00
 Ending Date 07/07/2023 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 15.00 sec

	Volume hectare-m	Depth mm
Runoff Quantity Continuity		
Total Precipitation	11.849	120.146
Evaporation Loss	0.225	2.281
Infiltration Loss	8.330	84.460
Surface Runoff	3.311	33.568
Final Storage	0.000	0.000
Continuity Error (%)	-0.136	

	Volume hectare-m	Volume 10^6 ltr
Flow Routing Continuity		
Dry weather Inflow	0.000	0.000
Wet weather Inflow	3.311	33.107
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.251	12.515
Flooding Loss	0.000	0.000
Evaporation Loss	0.090	0.898
Exfiltration Loss	1.970	19.701
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	-0.022	

 Highest Flow Instability Indexes

All links are stable.

 Routing Time Step Summary

Minimum Time Step : 15.00 sec
 Average Time Step : 15.00 sec
 Maximum Time Step : 15.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 1.00
 % of Steps Not Converging : 0.00

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10 ⁶ ltr	Peak Runoff CMS	Runoff Coeff
S1010	120.15	358.96	0.00	0.00	479.11	0.00	479.11	16.98	3.09	1.000
S1011	120.15	0.00	2.07	88.13	1.10	30.15	30.15	3.11	0.52	0.251
S1012	120.15	0.00	2.19	91.20	0.00	26.90	26.90	9.61	1.27	0.224
S1020	120.15	590.89	0.00	0.00	711.04	0.00	711.04	16.13	2.09	1.000
S1021	120.15	0.00	3.14	78.65	20.01	38.73	38.73	6.12	1.22	0.322
S1022	120.15	0.00	2.44	94.28	0.59	23.51	23.51	7.28	0.75	0.196

 Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.02	0.23	846.93	0 11:01	0.23
SU101	STORAGE	0.26	0.68	847.18	0 10:52	0.68
SU102	STORAGE	0.20	0.60	847.10	0 09:11	0.60

 Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10 ⁶ ltr	Total Inflow Volume 10 ⁶ ltr	Flow Balance Error Percent
OF1	OUTFALL	0.000	0.652	0 11:01	0	12.5	0.000
SU101	STORAGE	3.094	3.094	0 07:15	17	26.3	-0.000
SU102	STORAGE	2.088	2.088	0 07:30	16.1	16.1	-0.000

 Node Flooding Summary

No nodes were flooded.

 Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m ³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU101	3.577	0.4	2.3	50.1	16.484	1.9	0 10:52	0.753
SU102	1.481	0.3	1.8	40.5	8.106	1.4	0 09:11	0.804

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10 ⁶ ltr
OF1	18.38	0.131	0.652	12.515
System	18.38	0.131	0.652	12.515

 Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
W2	CONDUIT	0.652	0 11:01	0.07	0.13	0.46
W1	WEIR	0.740	0 09:11			0.00

 Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Thu Oct 5 15:06:05 2023
 Analysis ended on: Thu Oct 5 15:06:05 2023
 Total elapsed time: < 1 sec

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.3)

Chin ASP - Predevelopment - Cont

Element Count

Number of rain gages 1
Number of subcatchments 6
Number of nodes 3
Number of links 2
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name Data Source Data Type Recording Interval

Raingage I:\Data\Swmm\Climate Data\QLHy03Rainfall.txt

Subcatchment Summary

Name Area width %Imperv %Slope Rain Gage Outlet

S1010 3.54 354.37 100.00 0.3700 Raingage SU101
S1011 10.32 515.93 0.97 1.0610 Raingage S1010
S1012 35.73 893.16 0.00 1.7990 Raingage S1010
S1020 2.27 226.83 100.00 0.4880 Raingage SU102
S1021 15.81 790.47 17.57 1.2280 Raingage S1020
S1022 30.96 773.97 0.52 0.6810 Raingage S1020

Node Summary

Name Type Invert Elev. Max. Depth Poned Area External Inflow

OF1 OUTFALL 846.70 0.50 0.0
SU101 STORAGE 846.50 5.00 0.0
SU102 STORAGE 846.50 5.00 0.0

Link Summary

Name From Node To Node Type Length %Slope Roughness

W2 SU101 OF1 CONDUIT 50.0 0.5000 0.2500
W1 SU102 SU101 WEIR

Cross Section Summary

Conduit Shape Full Depth Full Area Hyd. Rad. Width No. of Barrels Full Flow

W2 TRIANGULAR 0.50 45.00 0.25 180.00 1 5.05

Analysis Options

Flow Units CMS
Process Models:
Rainfall/Runoff YES
RDII NO
Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed NO
Water Quality NO
Infiltration Method MODIFIED_GREEN_AMPT
Flow Routing Method KINWAVE
Starting Date 04/01/1960 00:00:00
Ending Date 11/01/1995 00:00:00
Antecedent Dry Days 0.0
Report Time Step 01:00:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 60.00 sec

Rainfall File Summary

Station First Last Recording Periods Periods Periods
ID Date Date Frequency w/Precip Missing Malfunc.

3033880 04/22/1960 10/21/1995 60 min 6717 637 0

Runoff Quantity Continuity

Volume Depth
hectare-m mm

Total Precipitation 860.069 8720.600
Evaporation Loss 12.791 129.693
Infiltration Loss 783.530 7944.540
Surface Runoff 63.921 648.125
Final Storage 0.000 0.000
Continuity Error (%) -0.020

Flow Routing Continuity

Volume Volume
hectare-m 10^6 ltr

Dry weather Inflow 0.000 0.000
Wet weather Inflow 63.921 639.220
Groundwater Inflow 0.000 0.000
RDII Inflow 0.000 0.000
External Inflow 0.000 0.000
External Outflow 4.186 41.865
Flooding Loss 0.000 0.000

Evaporation Loss 2.885 28.852
 Exfiltration Loss 56.847 568.481
 Initial Stored Volume 0.000 0.000
 Final Stored Volume 0.000 0.000
 Continuity Error (%) 0.004

 Highest Flow Instability Indexes

 All links are stable.

 Routing Time Step Summary

 Minimum Time Step : 60.00 sec
 Average Time Step : 60.00 sec
 Maximum Time Step : 60.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 1.00
 % of Steps Not Converging : 0.00

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10 ⁶ ltr	Peak Runoff CMS	Runoff Coeff
S1010	8720.60	1739.77	0.00	0.00	10460.37	0.00	10460.37	370.69	3.33	1.000
S1011	8720.60	0.00	66.86	8503.41	57.18	152.00	152.00	15.68	0.86	0.017
S1012	8720.60	0.00	39.15	8553.91	0.00	128.67	128.67	45.97	2.21	0.015
S1020	8720.60	3117.75	0.00	0.00	11838.35	0.00	11838.35	268.53	3.08	1.000
S1021	8720.60	0.00	568.15	7921.54	1013.92	235.60	235.60	37.25	1.69	0.027
S1022	8720.60	0.00	55.57	8558.26	30.29	108.12	108.12	33.47	1.32	0.012

 Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.31	847.01	12191 00:29	0.31
SU101	STORAGE	0.00	0.76	847.26	12191 00:21	0.76
SU102	STORAGE	0.00	0.64	847.14	12190 22:41	0.63

 Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10 ⁶ ltr	Total Inflow Volume 10 ⁶ ltr	Flow Balance Error Percent
OF1	OUTFALL	0.000	1.380	12191 00:29	0	41.9	0.000
SU101	STORAGE	3.332	3.332	8126 11:01	371	402	0.004
SU102	STORAGE	3.083	3.083	8126 11:01	269	269	0.010

 Node Flooding Summary

No nodes were flooded.

 Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m ³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU101	0.020	0.0	4.3	85.3	20.320	2.3	12191 00:21	1.417
SU102	0.013	0.0	4.3	84.0	9.191	1.6	12190 22:41	1.072

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total volume 10 ⁶ ltr
OF1	0.03	0.134	1.380	41.865
System	0.03	0.134	1.380	41.865

 Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum veloc m/sec	Max/ Full Flow	Max/ Full Depth
W2	CONDUIT	1.380	12191 00:29	0.08	0.27	0.61
W1	WEIR	1.049	12190 22:41			0.00

 Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Thu Oct 5 08:32:28 2023
Analysis ended on: Thu Oct 5 08:32:38 2023
Total elapsed time: 00:00:10

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

Chin ASP - Post-development - 100y24hr Design Storm

Element Count

Number of rain gages 1
Number of subcatchments 6
Number of nodes 3
Number of links 2
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name Data Source Data Type Recording Interval

Leth_100y24h Leth_100y24h INTENSITY 5 min.

Subcatchment Summary

Name Area width %Imperv %Slope Rain Gage Outlet

S1010 3.54 354.37 100.00 0.3700 Leth_100y24h SU101
S1011 10.32 515.93 0.97 1.0610 Leth_100y24h S1010
S1012 35.73 893.16 0.10 1.7990 Leth_100y24h S1010
S1020 2.27 226.83 100.00 0.4880 Leth_100y24h SU102
S1021 15.81 790.47 19.74 1.2280 Leth_100y24h S1020
S1022 30.96 773.97 3.39 0.6810 Leth_100y24h S1020

Node Summary

Name Type Invert Elev. Max. Depth Poned Area External Inflow

OF1 OUTFALL 846.70 0.50 0.0
SU101 STORAGE 846.50 5.00 0.0
SU102 STORAGE 846.50 5.00 0.0

Link Summary

Name From Node To Node Type Length %Slope Roughness

W2 SU101 OF1 CONDUIT 50.0 0.5000 0.2500
W1 SU102 SU101 WEIR

Cross Section Summary

Conduit Shape Full Depth Full Area Hyd. Rad. Max. Width No. of Barrels Full Flow

W2 TRIANGULAR 0.50 45.00 0.25 180.00 1 5.05

Analysis Options

Flow Units CMS
Process Models:
Rainfall/Runoff YES
RDII NO
Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed NO
Water Quality NO
Infiltration Method MODIFIED_GREEN_AMPT
Flow Routing Method KINWAVE
Starting Date 07/01/2023 00:00:00
Ending Date 07/07/2023 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 15.00 sec

Runoff Quantity Continuity

Volume Depth
hectare-m mm

Total Precipitation 11.849 120.146
Evaporation Loss 0.233 2.364
Infiltration Loss 8.258 83.727
Surface Runoff 3.376 34.229
Final Storage 0.000 0.000
Continuity Error (%) -0.145

Flow Routing Continuity

Volume Volume
hectare-m 10^6 ltr

Dry weather Inflow 0.000 0.000
Wet weather Inflow 3.376 33.759
Groundwater Inflow 0.000 0.000
RDII Inflow 0.000 0.000
External Inflow 0.000 0.000
External Outflow 1.312 13.116
Flooding Loss 0.000 0.000
Evaporation Loss 0.090 0.901
Exfiltration Loss 1.975 19.749
Initial Stored Volume 0.000 0.000
Final Stored Volume 0.000 0.000
Continuity Error (%) -0.023

Highest Flow Instability Indexes

All links are stable.

 Routing Time Step Summary

Minimum Time Step : 15.00 sec
 Average Time Step : 15.00 sec
 Maximum Time Step : 15.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 1.00
 % of Steps Not Converging : 0.00

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10 ^{^6} ltr	Peak Runoff CMS	Runoff Coeff
S1010	120.15	359.43	0.00	0.00	479.58	0.00	479.58	16.99	3.09	1.000
S1011	120.15	0.00	2.07	88.13	1.10	30.15	30.15	3.11	0.52	0.251
S1012	120.15	0.00	2.20	91.14	0.11	26.95	26.95	9.63	1.27	0.224
S1020	120.15	618.88	0.00	0.00	739.03	0.00	739.03	16.76	2.20	1.000
S1021	120.15	0.00	3.28	77.40	22.50	39.89	39.89	6.31	1.28	0.332
S1022	120.15	0.00	2.63	92.65	3.84	24.98	24.98	7.73	0.80	0.208

 Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.02	0.24	846.94	0 10:59	0.24
SU101	STORAGE	0.26	0.69	847.19	0 10:50	0.69
SU102	STORAGE	0.20	0.60	847.10	0 09:09	0.60

 Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10 ^{^6} ltr	Total Inflow Volume 10 ^{^6} ltr	Flow Balance Error Percent
OF1	OUTFALL	0.000	0.687	0 10:59	0	13.1	0.000
SU101	STORAGE	3.094	3.094	0 07:15	17	26.9	-0.000
SU102	STORAGE	2.199	2.199	0 07:30	16.8	16.8	-0.000

 Node Flooding Summary

No nodes were flooded.

 Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m ³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU101	3.596	0.4	2.2	49.0	16.702	1.9	0 10:50	0.788
SU102	1.490	0.3	1.7	39.1	8.274	1.5	0 09:09	0.851

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10 ^{^6} ltr
OF1	18.46	0.137	0.687	13.116
System	18.46	0.137	0.687	13.116

 Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
W2	CONDUIT	0.687	0 10:59	0.07	0.14	0.47
W1	WEIR	0.787	0 09:09			0.00

 Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Thu Oct 5 14:36:56 2023
 Analysis ended on: Thu Oct 5 14:36:57 2023
 Total elapsed time: 00:00:01

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

Chin ASP - Predevelopment - Cont

Element Count

Number of rain gages 1
Number of subcatchments 6
Number of nodes 3
Number of links 2
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name Data Source Data Type Recording Interval

Raingage I:\Data\Swmm\Climat Data\QLhly03Rainfall.txt

Subcatchment Summary

Name Area width %Imperv %Slope Rain Gage Outlet

S1010 3.54 354.37 100.00 0.3700 Raingage SU101
S1011 10.32 515.93 0.97 1.0610 Raingage S1010
S1012 35.73 893.16 0.10 1.7990 Raingage S1010
S1020 2.27 226.83 100.00 0.4880 Raingage SU102
S1021 15.81 790.47 19.74 1.2280 Raingage S1020
S1022 30.96 773.97 3.39 0.6810 Raingage S1020

Node Summary

Name Type Invert Elev. Max. Depth Poned Area External Inflow

OF1 OUTFALL 846.70 0.50 0.0
SU101 STORAGE 846.50 5.00 0.0
SU102 STORAGE 846.50 5.00 0.0

Link Summary

Name From Node To Node Type Length %Slope Roughness

W2 SU101 OF1 CONDUIT 50.0 0.5000 0.2500
W1 SU102 SU101 WEIR

Cross Section Summary

Conduit Shape Full Depth Full Area Hyd. Rad. Width No. of Barrels Full Flow

W2 TRIANGULAR 0.50 45.00 0.25 180.00 1 5.05

Analysis Options

Flow Units CMS
Process Models:
Rainfall/Runoff YES
RDII NO
Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed NO
Water Quality NO
Infiltration Method MODIFIED_GREEN_AMPT
Flow Routing Method KINWAVE
Starting Date 04/01/1960 00:00:00
Ending Date 11/01/1995 00:00:00
Antecedent Dry Days 0.0
Report Time Step 01:00:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 60.00 sec

Rainfall File Summary

Station First Last Recording Periods Periods Periods
ID Date Date Frequency w/Precip Missing Malfunc.

3033880 04/22/1960 10/21/1995 60 min 6717 637 0

Runoff Quantity Continuity

Volume Depth
hectare-m mm

Total Precipitation 860.069 8720.600
Evaporation Loss 16.612 168.441
Infiltration Loss 779.260 7901.242
Surface Runoff 64.396 652.941
Final Storage 0.000 0.000
Continuity Error (%) -0.023

Flow Routing Continuity

Volume Volume
hectare-m 10^6 ltr

Dry weather Inflow 0.000 0.000
Wet weather Inflow 64.396 643.969
Groundwater Inflow 0.000 0.000
RDII Inflow 0.000 0.000
External Inflow 0.000 0.000
External Outflow 4.310 43.099
Flooding Loss 0.000 0.000

Evaporation Loss 2.904 29.038
 Exfiltration Loss 57.180 571.806
 Initial Stored Volume 0.000 0.000
 Final Stored Volume 0.000 0.000
 Continuity Error (%) 0.004

 Highest Flow Instability Indexes

 All links are stable.

 Routing Time Step Summary

 Minimum Time Step : 60.00 sec
 Average Time Step : 60.00 sec
 Maximum Time Step : 60.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 1.00
 % of Steps Not Converging : 0.00

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10 ⁶ ltr	Peak Runoff CMS	Runoff Coeff
S1010	8720.60	1743.68	0.00	0.00	10464.28	0.00	10464.28	370.82	3.33	1.000
S1011	8720.60	0.00	66.86	8503.41	57.18	152.00	152.00	15.68	0.86	0.017
S1012	8720.60	0.00	42.02	8550.77	5.68	129.05	129.05	46.11	2.21	0.015
S1020	8720.60	3321.02	0.00	0.00	12041.62	0.00	12041.62	273.14	3.18	1.000
S1021	8720.60	0.00	634.54	7844.80	1138.06	246.11	246.11	38.91	1.73	0.028
S1022	8720.60	0.00	141.79	8463.14	196.68	117.65	117.65	36.42	1.39	0.013

 Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.31	847.01	12191 00:25	0.31
SU101	STORAGE	0.00	0.76	847.26	12191 00:18	0.76
SU102	STORAGE	0.00	0.64	847.14	12190 22:39	0.64

 Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10 ⁶ ltr	Total Inflow Volume 10 ⁶ ltr	Flow Balance Error Percent
OF1	OUTFALL	0.000	1.413	12191 00:25	0	43.1	0.000
SU101	STORAGE	3.335	3.338	8126 11:01	371	405	0.004
SU102	STORAGE	3.184	3.184	8126 11:01	273	273	0.011

 Node Flooding Summary

No nodes were flooded.

 Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m ³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU101	0.020	0.0	4.3	85.0	20.468	2.3	12191 00:18	1.450
SU102	0.014	0.0	4.2	83.2	9.329	1.6	12190 22:39	1.112

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total volume 10 ⁶ ltr
OF1	0.03	0.120	1.413	43.099
System	0.03	0.120	1.413	43.099

 Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum veloc m/sec	Max/ Full Flow	Max/ Full Depth
W2	CONDUIT	1.413	12191 00:25	0.08	0.28	0.62
W1	WEIR	1.089	12190 22:39			0.00

 Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Thu Oct 5 13:26:33 2023
Analysis ended on: Thu Oct 5 13:26:43 2023
Total elapsed time: 00:00:10

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

Chin ASP - Post-development w pond - 100yr24hr Design Storm

 Element Count

 Number of rain gages 1
 Number of subcatchments ... 6
 Number of nodes 4
 Number of links 3
 Number of pollutants 0
 Number of land uses 0

 Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage	Leth_100y24hr	INTENSITY	5 min.

 Subcatchment Summary

Name	Area	width	%Imperv	%Slope	Rain Gage	Outlet
S1010	3.54	354.37	100.00	0.3700	Raingage	SU101
S1011	10.32	515.93	0.97	1.0610	Raingage	S1010
S1012	35.73	893.16	0.10	1.7990	Raingage	S1010
S1020	2.27	226.83	100.00	0.4880	Raingage	SU102
S1021	15.81	790.47	19.74	1.2260	Raingage	S1020
S1022	30.96	773.97	3.39	0.6810	Raingage	S1020

 Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
OF1	OUTFALL	846.70	0.50	0.0	
OF102	OUTFALL	0.00	0.00	0.0	
SU101	STORAGE	846.50	5.00	0.0	
SU102	STORAGE	845.00	5.00	0.0	

 Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
W2	SU101	OF1	CONDUIT	50.0	0.5000	0.2500
P1	SU102	OF102	TYPE4 PUMP			
W1	SU102	SU101	WEIR			

 Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. width	No. of Barrels	Full Flow
W2	TRIANGULAR	0.50	45.00	0.25	180.00	1	5.05

 Analysis Options

Flow Units CMS
 Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
 Infiltration Method MODIFIED_GREEN_AMPT
 Flow Routing Method KINWAVE
 Starting Date 07/01/2023 00:00:00
 Ending Date 07/07/2023 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 15.00 sec

	Volume hectare-m	Depth mm
Runoff Quantity Continuity	3.391	
Total Precipitation	11.849	120.146
Outfall Runon	0.292	2.959
Evaporation Loss	0.281	2.848
Infiltration Loss	8.486	86.047
Surface Runoff	3.391	34.384
Final Storage	0.000	0.000
Continuity Error (%)	-0.141	

	Volume hectare-m	Volume 10^6 ltr
Flow Routing Continuity	0.000	0.000
Dry Weather Inflow	3.391	33.911
Wet Weather Inflow	0.000	0.000
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.331	13.312
Flooding Loss	0.000	0.000
Evaporation Loss	0.078	0.780
Exfiltration Loss	1.977	19.769
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.006	0.057
Continuity Error (%)	-0.018	

 Highest Flow Instability Indexes

 All links are stable.

 Routing Time Step Summary

 Minimum Time Step : 15.00 sec
 Average Time Step : 15.00 sec
 Maximum Time Step : 15.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 1.00
 % of Steps Not Converging : 0.00

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1010	120.15	359.43	0.00	0.00	479.58	0.00	479.58	16.99	3.09	1.000
S1011	120.15	0.00	2.07	88.13	1.10	30.15	30.15	3.11	0.52	0.251
S1012	120.15	0.00	2.20	91.14	0.11	26.95	26.95	9.63	1.27	0.224
S1020	120.15	625.62	0.00	0.00	745.77	0.00	745.77	16.92	2.21	1.000
S1021	120.15	18.46	6.29	91.88	23.25	40.85	40.85	6.46	1.29	0.295
S1022	120.15	0.00	2.63	92.65	3.84	24.98	24.98	7.73	0.80	0.208

 Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.02	0.22	846.92	0 11:13	0.22
OF102	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
SU101	STORAGE	0.26	0.67	847.17	0 11:03	0.67
SU102	STORAGE	0.97	2.08	847.08	0 09:30	2.08

 Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
OF1	OUTFALL	0.000	0.537	0 11:13	0	10.4	0.000
OF102	OUTFALL	0.000	0.009	0 05:55	0	2.92	0.000
SU101	STORAGE	3.094	3.094	0 07:15	17	24	-0.000
SU102	STORAGE	2.210	2.210	0 07:30	16.9	16.9	-0.000

 Node Flooding Summary

No nodes were flooded.

 Storage Volume Summary

Storage Unit	Average Volume 1000 m^3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m^3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU101	3.500	0.4	2.5	54.3	15.705	1.8	0 11:03	0.635
SU102	1.818	0.7	1.1	39.8	9.580	3.6	0 09:30	0.700

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
OF1	18.00	0.111	0.537	10.393
OF102	62.56	0.009	0.009	2.919
System	40.28	0.120	0.546	13.312

 Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum veloc m/sec	Max/ Full Flow	Max/ Full Depth
W2	CONDUIT	0.537	0 11:13	0.06	0.11	0.43
P1	PUMP	0.009	0 05:55		1.00	
W1	WEIR	0.589	0 09:30			0.00

 Conduit Surcharge Summary

No conduits were surcharged.

Pumping Summary

Pump	Percent Utilized	Number of Start-Ups	Min Flow CMS	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr	Power Usage Kw-hr	% Time Off Pump Curve Low	% Time Off Pump Curve High
P1	62.56	1	0.00	0.01	0.01	2.919	6726.67	0.0	5.0

Analysis begun on: Fri Dec 15 14:17:12 2023
Analysis ended on: Fri Dec 15 14:17:12 2023
Total elapsed time: < 1 sec

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

Chin ASP - Post-development w pond - Cont

Element Count

Number of rain gages 1
Number of subcatchments 6
Number of nodes 4
Number of links 3
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name Data Source Data Type Recording Interval

Raingage I:\Data\Swmm\Climate Data\QLHy03Rainfall.txt

Subcatchment Summary

Name Area width %Imperv %Slope Rain Gage Outlet

S1010 3.54 354.37 100.00 0.3700 Raingage SU101
S1011 10.32 515.93 0.97 1.0610 Raingage S1010
S1012 35.73 893.16 0.10 1.7990 Raingage S1010
S1020 2.27 226.83 100.00 0.4880 Raingage SU102
S1021 15.81 790.47 19.74 1.2280 Raingage S1020
S1022 30.96 773.97 3.39 0.6810 Raingage S1020

Node Summary

Name Type Invert Elev. Max. Depth Poned Area External Inflow

OF1 OUTFALL 846.70 0.50 0.0
OF102 OUTFALL 0.00 0.00 0.0
SU101 STORAGE 846.50 5.00 0.0
SU102 STORAGE 845.00 5.00 0.0

Link Summary

Name From Node To Node Type Length %Slope Roughness

W2 SU101 OF1 CONDUIT 50.0 0.5000 0.2500
P1 SU102 OF102 TYPE4 PUMP
W1 SU102 SU101 WEIR

Cross Section Summary

Conduit Shape Full Depth Full Area Hyd. Rad. Max. width No. of Barrels Full Flow

W2 TRIANGULAR 0.50 45.00 0.25 180.00 1 5.05

Analysis Options

Flow Units CMS
Process Models:
Rainfall/Runoff YES
RDII NO
Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed NO
Water Quality NO
Infiltration Method MODIFIED_GREEN_AMPT
Flow Routing Method KINWAVE
Starting Date 04/01/1960 00:00:00
Ending Date 11/01/1995 00:00:00
Antecedent Dry Days 0.0
Report Time Step 01:00:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 60.00 sec

Rainfall File Summary

Station First Last Recording Periods Periods Periods
ID Date Date Frequency w/Precip Missing Malfunc.

3033880 04/22/1960 10/21/1995 60 min 6717 637 0

Runoff Quantity Continuity

Total Precipitation 860.069 8720.600
Outfall Runon 9.983 101.221
Evaporation Loss 17.502 177.459
Infiltration Loss 788.115 7991.023
Surface Runoff 64.636 655.373
Final Storage 0.000 0.000
Continuity Error (%) -0.023

Flow Routing Continuity

Dry weather Inflow 0.000 0.000
Wet weather Inflow 64.636 646.368
Groundwater Inflow 0.000 0.000
RDII Inflow 0.000 0.000

External Inflow 0.000 0.000
 External Outflow 13.841 138.415
 Flooding Loss 0.000 0.000
 Evaporation Loss 2.340 23.400
 Exfiltration Loss 48.455 484.556
 Initial Stored Volume 0.000 0.000
 Final Stored Volume 0.000 0.000
 Continuity Error (%) -0.000

 Highest Flow Instability Indexes

 All links are stable.

 Routing Time Step Summary

 Minimum Time Step : 60.00 sec
 Average Time Step : 60.00 sec
 Maximum Time Step : 60.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 1.00
 % of Steps Not Converging : 0.00

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1010	8720.60	1743.68	0.00	0.00	10464.28	0.00	10464.28	370.82	3.33	1.000
S1011	8720.60	0.00	66.86	8503.41	57.18	152.00	152.00	15.68	0.86	0.017
S1012	8720.60	0.00	42.02	8550.77	5.68	129.05	129.05	46.11	2.21	0.015
S1020	8720.60	3426.76	0.00	0.00	12147.36	0.00	12147.36	275.54	3.19	1.000
S1021	8720.60	631.45	690.80	8404.89	1211.65	261.28	261.28	41.31	1.74	0.028
S1022	8720.60	0.00	141.79	8463.14	196.68	117.65	117.65	36.42	1.39	0.013

 Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
OF1	OUTFALL	0.00	0.30	847.00	12191 00:45	0.30
OF102	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
SU101	STORAGE	0.00	0.75	847.25	12191 00:37	0.75
SU102	STORAGE	0.03	2.13	847.13	12190 22:54	2.13

 Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
OF1	OUTFALL	0.000	1.308	12191 00:45	0	38.6	0.000
OF102	OUTFALL	0.000	0.009	54 04:14	0	99.8	0.000
SU101	STORAGE	3.335	3.335	8126 11:01	371	395	0.003
SU102	STORAGE	3.192	3.192	8126 11:01	276	276	0.001

 Node Flooding Summary

No nodes were flooded.

 Storage Volume Summary

Storage Unit	Average Volume 1000 m^3	Avg Pcnt Full	Evap Loss	Exfil Pcnt Loss	Maximum Volume 1000 m^3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU101	0.019	0.0	4.3	85.9	19.990	2.3	12191 00:37	1.344
SU102	0.022	0.0	2.3	52.9	10.934	4.1	12190 22:54	1.003

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
OF1	0.02	0.157	1.308	38.585
OF102	0.99	0.009	0.009	99.829
System	0.50	0.166	1.317	138.415

 Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum veloc m/sec	Max/ Full Flow	Max/ Full Depth
W2	CONDUIT	1.308	12191 00:45	0.08	0.26	0.60
P1	PUMP	0.009	54 04:14		1.00	
W1	WEIR	0.971	12190 22:54			0.00

 Conduit Surcharge Summary

No conduits were surcharged.

 Pumping Summary

Pump	Percent utilized	Number of Start-Ups	Min Flow CMS	Avg Flow CMS	Max Flow CMS	Total Volume 10 ⁶ ltr	Power Usage Kw-hr	% Time Off Pump Curve Low High
P1	0.99	233	0.00	0.01	0.01	99.829	229915.88	0.0 0.3

Analysis begun on: Fri Dec 15 14:17:12 2023
 Analysis ended on: Fri Dec 15 14:17:24 2023
 Total elapsed time: 00:00:12

REFERENCES

- Alberta Environment and Parks. (1999). *Stormwater Management Guidelines for the Province of Alberta*. Edmonton, AB: Government of Alberta.
- Alberta Environment and Parks. (2001). *Municipal Policies and Procedures Manual*. Edmonton: Government of Alberta.
- Alberta Environment and Parks. (2013). *Standards and Guidelines for Municipal Waterworks, Wastewater and Storm Drainage Systems*. Edmonton, AB: Government of Alberta.
- American Society of Civil Engineers. (1992). *Design & Construction of Urban Stormwater Systems*. New York: ASCE.
- City of Lethbridge. (2021). *Design Standards*. Lethbridge: City of Lethbridge.
- Government of Alberta. (2013). *Evaporation and Evapotranspiration in Alberta*. Edmonton: Government of Alberta.
- Rossman, L. E., & Huber, W. C. (2016). *Storm Water Management Model Reference Manual Volume I – Hydrology (Revised)*. Cincinnati: United States Environmental Protection Agency.
- United States Environmental Protection Agency. (2023, February 12). Stormwater Management Model, Version 5, Build 5.2.3.

APPENDIX E

Property Ownership





LAND TITLE CERTIFICATE

S
LINC SHORT LEGAL TITLE NUMBER
0020 647 658 899AA;7;1,2 26D73B .

LEGAL DESCRIPTION
PLAN 899AA
BLOCK 7
LOTS 1 AND 2
EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE
ATS REFERENCE: 4;19;9;25;E

MUNICIPALITY: LETHBRIDGE COUNTY

REGISTERED OWNER(S)				
REGISTRATION	DATE (DMY)	DOCUMENT TYPE	VALUE	CONSIDERATION
26D73B	20/04/1921			NOT EST-557DA

OWNERS

HER MAJESTY THE QUEEN IN RIGHT OF ALBERTA
OF C/O THE MINISTER OF SUSTAINABLE RESOURCE DEVELOPMENT
9915-108 STREET
EDMONTON
ALBERTA T5K 2C9
(DATA UPDATED BY: CHANGE OF ADDRESS 091061650)

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION	DATE (D/M/Y)	PARTICULARS
NUMBER		

NO REGISTRATIONS

TOTAL INSTRUMENTS: 000

(CONTINUED)

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 6 DAY OF
SEPTEMBER, 2023 AT 03:39 P.M.

ORDER NUMBER: 48267274

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM
INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION,
APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).



LAND TITLE CERTIFICATE

S
LINC SHORT LEGAL TITLE NUMBER
0020 647 640 899AA;6;31,32 77Z95

LEGAL DESCRIPTION
PLAN 899AA
BLOCK 6
LOTS 31 AND 32
EXCEPTING THEREOUT ALL MINES AND MINERALS
AND THE RIGHT TO WORK THE SAME

ESTATE: FEE SIMPLE
ATS REFERENCE: 4;19;9;25;E

MUNICIPALITY: LETHBRIDGE COUNTY

REGISTERED OWNER(S)				
REGISTRATION	DATE (DMY)	DOCUMENT TYPE	VALUE	CONSIDERATION
77Z95	10/04/1948			TAX FOR-7883EX

OWNERS

HER MAJESTY THE QUEEN IN RIGHT OF ALBERTA
AS REPRESENTED BY MINISTER OF MUNICIPAL AFFAIRS
OF 9925-107 ST
EDMONTON
ALBERTA

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION	DATE (D/M/Y)	PARTICULARS
NUMBER		

NO REGISTRATIONS

TOTAL INSTRUMENTS: 000

(CONTINUED)

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 6 DAY OF
SEPTEMBER, 2023 AT 03:39 P.M.

ORDER NUMBER: 48267274

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PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).



LAND TITLE CERTIFICATE

S
LINC SHORT LEGAL TITLE NUMBER
0020 786 380 899AA;A,B,E 181 100 853

LEGAL DESCRIPTION

PLAN 899AA

BLOCK "A", "B" AND "E"

EXCEPTING THEREOUT:

PLAN	BLOCK	NUMBER	HECTARES	ACRES MORE OR LESS
ROAD WIDENING	"B"	8010974	0.124	0.31
ROAD WIDENING	"E"	8010974	0.071	0.17

EXCEPTING THEREOUT ALL MINES AND MINERALS
AND THE RIGHT TO WORK THE SAME

ATS REFERENCE: 4;19;9;25;E
ESTATE: FEE SIMPLE

MUNICIPALITY: LETHBRIDGE COUNTY

REFERENCE NUMBER: 171 065 962

REGISTERED OWNER(S)				
REGISTRATION	DATE (DMY)	DOCUMENT TYPE	VALUE	CONSIDERATION
181 100 853	16/05/2018	TRANSFER OF LAND	\$380,000	\$380,000

OWNERS

PETER KLASSEN

AND

MARIA KLASSEN

BOTH OF:

BOX 99

PURPLE SPRINGS

ALBERTA T0K 1X0

AS JOINT TENANTS

(CONTINUED)

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

181 100 853

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

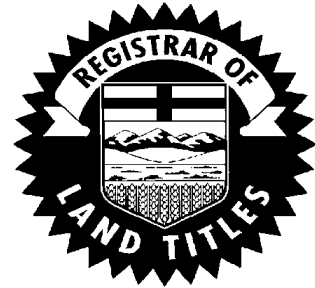
191 171 630 23/08/2019 MORTGAGE
MORTGAGEE - FARM CREDIT CANADA.
2ND FLOOR, 12040-149 ST NW
EDMONTON
ALBERTA
ORIGINAL PRINCIPAL AMOUNT: \$500,000

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 6 DAY OF
SEPTEMBER, 2023 AT 03:39 P.M.

ORDER NUMBER: 48267274

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

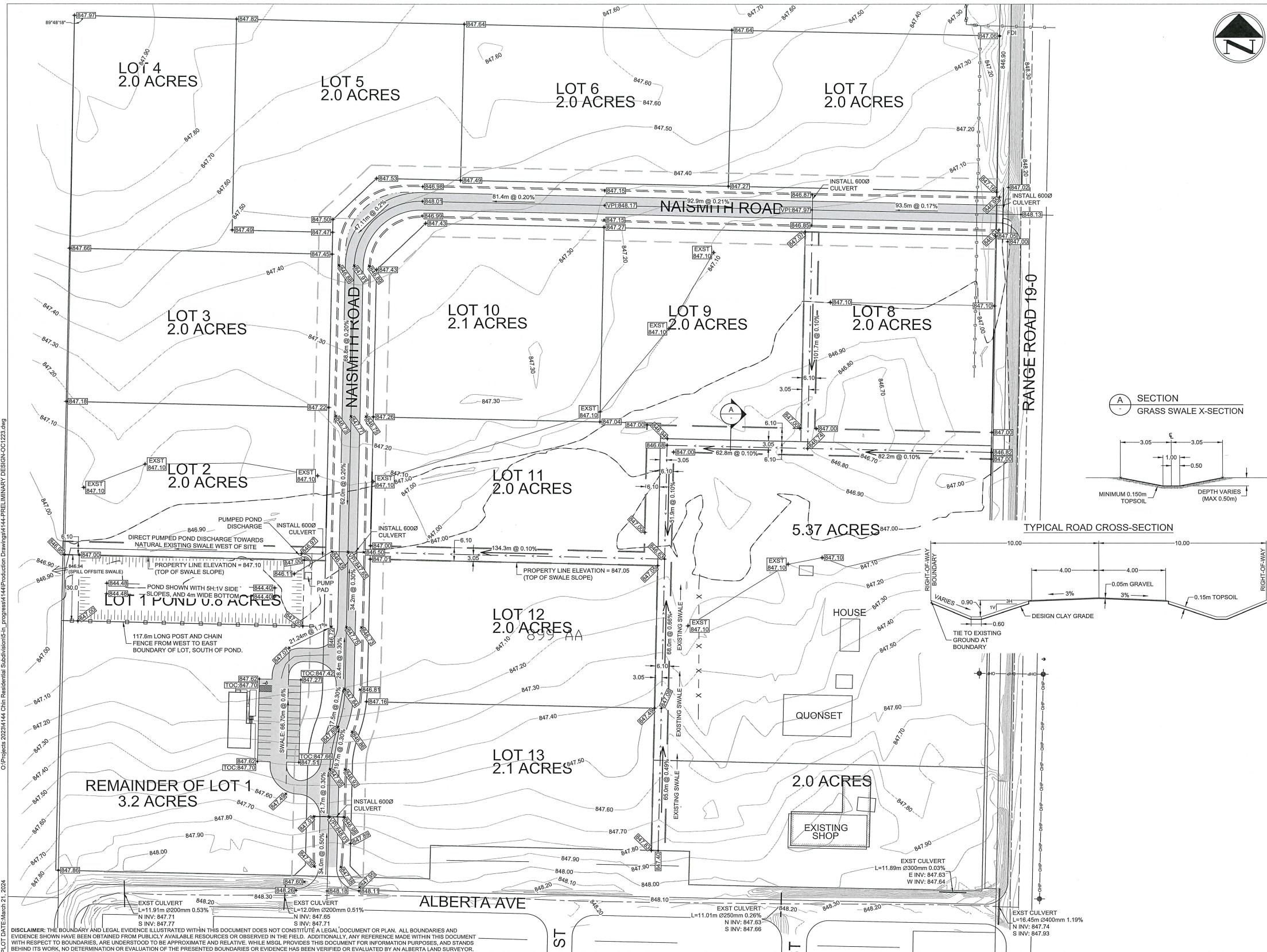
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OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).

APPENDIX F

Preliminary Roadway and Drainage Design





- NOTES:**
1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DATUMS PRIOR TO COMMENCEMENT OF WORK AND SHALL NOTIFY THIS OFFICE OF ANY ERRORS AND/OR DISCREPANCIES.
 2. THIS DRAWING AND DESIGN REMAINS AT ALL TIMES THE EXCLUSIVE PROPERTY OF DOUGLAS J. BERGEN AND ASSOCIATES LTD. AND MAY NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT WRITTEN CONSENT.
 3. SCALING OF THIS DRAWING IS NOT PERMITTED.
 4. MODIFICATIONS AND VARIATIONS TO THIS DESIGN ARE NOT PERMITTED WITHOUT WRITTEN CONSENT.
 5. LOT AREAS TO BE GRADED TO ABOVE ELEVATION 846.90 OUTSIDE OF SWALE AREAS.
 6. GROUND ELEVATION AT ALL BUILDINGS TO BE AT 847.60 OR HIGHER.
- LEGEND:**
- APPROXIMATE PROPOSED PROPERTY LINE
 - PROPOSED DRAINAGE EASEMENT LINE
 - PROPOSED 6m EASEMENT
 - TOPOGRAPHIC TOE
 - TOPOGRAPHIC SHOULDER
 - CULVERT
 - EXISTING GROUND CONTOUR (0.10m)
 - EXISTING 847.0 PONDING LIMIT
 - PROPOSED GRAVEL ROAD
 - EXISTING GAS LINE
 - EXISTING OVERHEAD POWER LINE

REVISION

NO.	DESCRIPTION	BY	DATE

ISSUE

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR APPROVAL	21/03/2024	TV
2	ISSUED FOR APPROVAL	12/03/2024	TV
3	ISSUED FOR APPROVAL	18/12/2023	TV
4	PARKING LOT SIZE REVISION	20/10/2023	TV
5	PRELIMINARY DESIGN	13/10/2023	TV
6	DESCRIPTION		BY DDMMYYYY

DOUGLAS J. BERGEN & ASSOCIATES LTD.
ARCHITECTURAL TECHNOLOGY

TEN KM EAST OF LETHBRIDGE ON HIGHWAY 512
BOX 1667 COALDALE ALBERTA T1M 1N5
P (403) 345-2116 F (403) 345-2125
www.bergenassociates.com

CONSULTANTS
HV CONSULTING LTD.

COALDALE, AB

PERMIT TO PRACTICE

Signature: *[Signature]*
Date: Mar 21 2024
PERMIT NUMBER: P 10175
The Association of Professional Engineers and Geoscientists of Alberta

PROJECT TITLE
CHIN MEADOWS

CHIN, ALBERTA

DRAWING TITLE
ROADWAY AND DRAINAGE
PRELIMINARY DESIGN

DATE MARCH 21, 2024
PROJECT NO. 4144
SCALE 1:750 ON 24X38
DRAWN TV
DRAWING NO.

FIGURE 12b

PLOT DATE: March 21, 2024
C:\Projects\2023\144_Chin_Residential_Subdivisions\5-in_progress\144_Preliminary_Drawing\144-PRELIMINARY_DESIGN-OCT23.dwg

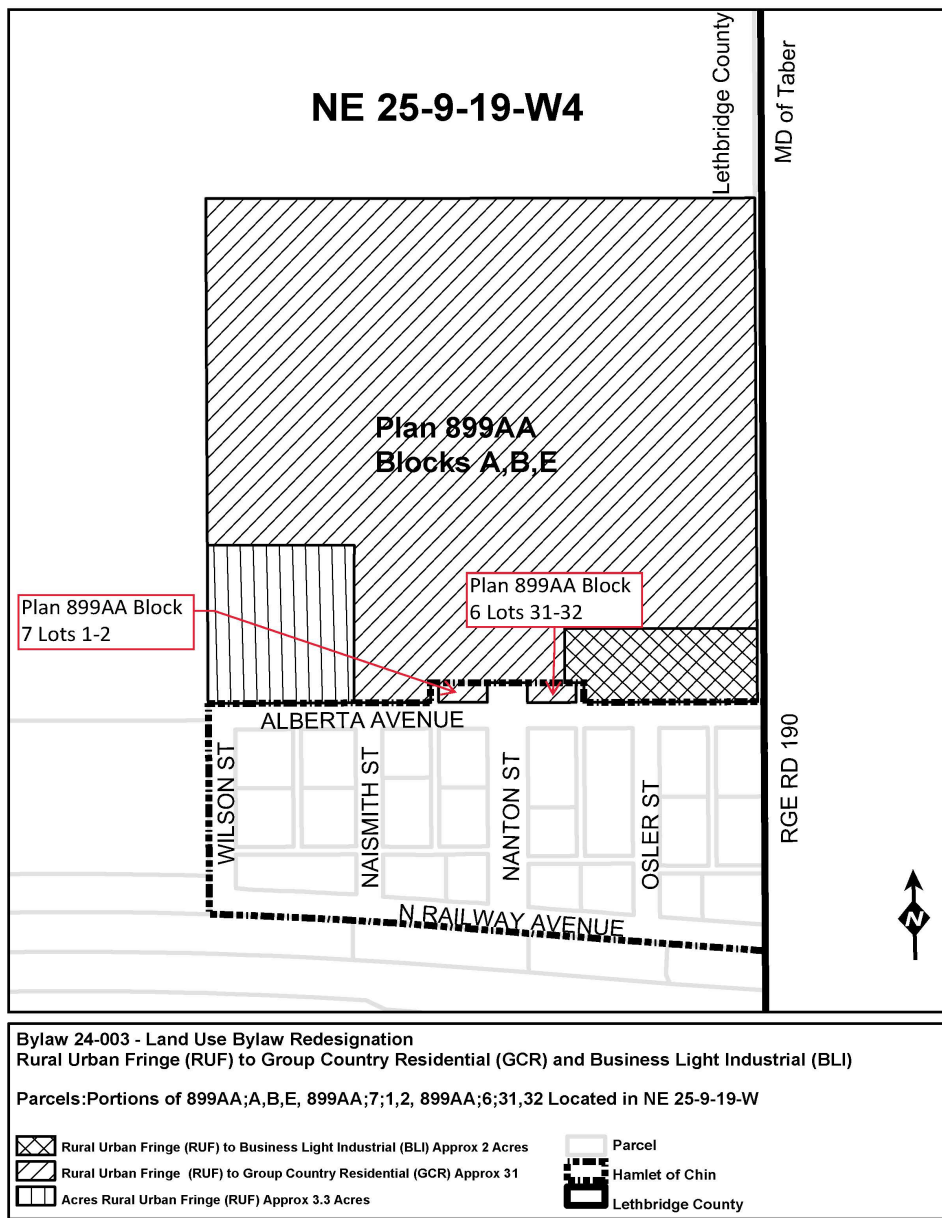
DISCLAIMER: THE BOUNDARY AND LEGAL EVIDENCE ILLUSTRATED WITHIN THIS DOCUMENT DOES NOT CONSTITUTE A LEGAL DOCUMENT OR PLAN. ALL BOUNDARIES AND EVIDENCE SHOWN HAVE BEEN OBTAINED FROM PUBLICLY AVAILABLE RESOURCES OR OBSERVED IN THE FIELD. ADDITIONALLY, ANY REFERENCE MADE WITHIN THIS DOCUMENT WITH RESPECT TO BOUNDARIES, ARE UNDERSTOOD TO BE APPROXIMATE AND RELATIVE. WHILE MSGJ PROVIDES THIS DOCUMENT FOR INFORMATION PURPOSES, AND STANDS BEHIND ITS WORK, NO DETERMINATION OR EVALUATION OF THE PRESENTED BOUNDARIES OR EVIDENCE HAS BEEN VERIFIED OR EVALUATED BY AN ALBERTA LAND SURVEYOR.

**LETHBRIDGE COUNTY
IN THE PROVINCE OF ALBERTA**

BYLAW NO. 24-003

Bylaw 24-003 of Lethbridge County being a bylaw for the purpose of amending Land Use Bylaw 1404, in accordance with Sections 230, 606 and 692 of the Municipal Government Act, R.S.A. 2000, Chapter M-26.

WHEREAS the purpose of Bylaw 24-003 is to re-designate Plan 899AA Block A, Plan 899AA Block 7 Lots 1-2 and Plan 899AA Block 6 Lots 31-32 in the NE 25-9-19-W4 from Rural Urban Fringe (RUF) to Grouped Country Residential (GCR) and Business Light Industrial (BLI) as shown below;



AND WHEREAS the re-designation of the lands will allow for the future subdivision and development of the parcels for residential and business light industrial uses as per the Chin Grouped Country Residential Area Structure Plan;

AND WHEREAS the municipality must prepare an amending bylaw and provide for its notification and consideration at a public hearing;

NOW THEREFORE, under the authority of the Municipal Government Act, R.S.A. 2000, C-26, as amended, the Council of Lethbridge County in the Province of Alberta duly assembled does hereby enact the following, with the bylaw only coming into effect upon three successful reading thereof;

GIVEN first reading this 4th day of April 2024.

Reeve

Chief Administrative Officer

GIVEN second reading this _____ day of _____, 20____.

Reeve

Chief Administrative Officer

GIVEN third reading this _____ day of _____, 20____.

Reeve

Chief Administrative Officer

1 st Reading	April 4, 2024
2 nd Reading	
Public Hearing	
3 rd Reading	



LETHBRIDGE COUNTY
APPLICATION FOR A
LAND USE BYLAW AMENDMENT
 Pursuant to Bylaw No. 1404

Form C

OFFICE USE		
Date of Application: <u>January 8, 2024</u>	Assigned Bylaw No. <u>24-003</u>	
Date Deemed Complete: <u>January 10, 2024</u>	Application & Processing Fee: \$ <u>1500.00</u>	
Redesignation <input checked="" type="checkbox"/> Text Amendment <input type="checkbox"/>	Certificate of Title Submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

A refusal is **not** appealable and a subsequent application for amendment involving the same lot and/or the same or similar use may not be made for at least 18 months after the date of refusal. (Refer to sections 53(1))

IMPORTANT NOTE: Although the Supervisor of Planning and Development is in a position to advise on the principle or details of any proposals, such advice must not be taken in any way as official consent.

APPLICANT INFORMATION

Name of Applicant: Douglas J. Bergen + Associates Ltd.

Mailing Address: PO Box 1667 **Phone:** 403-345-2116
Coaldale, AB **Phone (alternate):** _____
Fax: 403-345-2125

Postal Code: T1M1N3

Is the applicant the owner of the property? Yes No
 IF "NO" please complete box below

Name of Owner: <u>Peter Klassen</u>	Phone: <u>403-654-3335</u>
Mailing Address: <u>Box 1033</u>	Applicant's interest in the property: <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Contractor <input type="checkbox"/> Tenant <input type="checkbox"/> Other _____
<u>Coaldale, AB</u>	
Postal Code: <u>T1M1M8</u>	

PROPERTY INFORMATION

Municipal Address: _____

Legal Description: Lot(s) _____ Block A, B + E Plan 899AA
 OR Quarter NE Section 25 Township 09 Range 19

AMENDMENT INFORMATION

What is the proposed amendment?

Text Amendment

Land Use Redesignation

IF TEXT AMENDMENT:

For text amendments, attach a description including:

- The section to be amended;
- The change(s) to the text; and
- Reasons for the change(s).

IF LAND USE REDESIGNATION:

Current Land Use Designation (zoning):

Rural Urban Fringe

Proposed Land Use Designation (zoning) (if applicable):

Grouped Country Residential + Rural General Industrial

SITE DESCRIPTION:

Describe the **lot/parcel dimensions** _____ and **lot area/parcel acreage** 32 acres
Indicate the information on a scaled PLOT or SITE PLAN: (0-4 acres at 1" = 20'; 5-9 acres at 1" = 100'; 10 acres or more at 1" = 200')

Site or Plot Plan Attached

Conceptual Design Scheme or Area Structure Plan Attached

OTHER INFORMATION:

Section 52 of the *Land Use Bylaw* regulates the information required to accompany an application for redesignation. Please **attach a descriptive narrative** detailing:

- The existing and proposed future land use(s) (i.e. details of the proposed development);
- If and how the proposed redesignation is consistent with applicable statutory plans;
- The compatibility of the proposal with surrounding uses and zoning;
- The development suitability or potential of the site, including identification of any constraints and/or hazard areas (e.g. easements, soil conditions, topography, drainage, etc.);
- Availability of facilities and services (sewage disposal, domestic water, gas, electricity, fire protection, schools, etc.) to serve the subject property while maintaining adequate levels of service to existing development; and
- Access and egress from the parcel and any potential impacts on public roads.

In addition to the descriptive narrative, an Area Structure Plan or Conceptual Design Scheme may be required in conjunction with this application where:

- redesignating land to another district;
- multiple parcels of land are involved;
- four or more lots could be created;
- several pieces of fragmented land are adjacent to the proposal;
- new internal public roads would be required;
- municipal services would need to be extended; or
- required by Council, or the Subdivision or Development Authority if applicable.

The applicant may also be required to provide other professional reports, such as a:

- geotechnical report; and/or
 - soils analysis; and/or
 - evaluation of surface drainage or a detailed storm water management plan;
 - and any other information described in section 52(2) or as deemed necessary to make an informed evaluation of the suitability of the site in relation to the proposed use;.
- If deemed necessary.

SITE PLAN

Plans and drawings, in sufficient detail to enable adequate consideration of the application, must be submitted in duplicate with this application, together with a plan sufficient to identify the land. It is desirable that the plans and drawings should be on a scale appropriate to the development. However, unless otherwise stipulated, it is not necessary for plans and drawings to be professionally prepared. Council may request additional information.

DECLARATION OF APPLICANT/AGENT

The information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts in relation to the application. I also consent to an authorized person designated by the municipality to enter upon the subject land and buildings for the purpose of an inspection during the processing of this application. I/We have read and understand the terms noted below and hereby certify that the registered owner of the land is aware of, and in agreement with this application.


APPLICANT


REGISTERED OWNER
(If not the same as applicant)

DATE: Jan 8/24

IMPORTANT: This information may also be shared with appropriate government/ other agencies and may also be kept on file by the agencies. This information may also be used by and for any or all municipal programs and services. Information provided in this application may be considered at a public meeting. The application and related file content will become available to the public and are subject to the provisions of the Freedom of Information and Protection of Privacy Act (FOIP). If you have any questions about the collection of this information, please contact Lethbridge County.

TERMS

1. Subject to the provisions of the Land Use Bylaw No. 1404 of Lethbridge County, the term "development" includes any change in the use, or intensity of use, of buildings or land.
2. Pursuant to the municipal development plan, an area structure plan or conceptual design scheme may be required by Council before a decision is made.
3. A refusal is not appealable and a subsequent application for redesignation (reclassification) involving the same or similar lot and/or for the same or similar use may not be made for at least 18 months after the date of a refusal.
4. An approved redesignation (reclassification) shall be finalized by amending the land use bylaw map in accordance with section 692 of the Municipal Government Act, Revised Statutes of Alberta 2000, Chapter M-26.

Note: Information provided or generated in this application may be considered at a public meeting.

Rezoning Application for Plan 899AA Blocks A, B & E – Landowner Peter Klassen

Descriptive Narrative

The proposed amendment to the Lethbridge County Land Use Bylaw No. 1404 to change the zoning of the subject lands, the subject property is located immediately north of the Hamlet of Chin. It is legally described as Blocks A, B & E on Plan 899AA. The proposed subdivided area is 'L' shaped with an existing homestead in the southeast corner. The 'L' shaped portion makes up some 32 acres of the original 41 acre parcel. The proposed rezoning will be from Rural Urban Fringe (RUF) to Grouped Country Residential (GCR) and Rural General Industrial (RGI).

The Hamlet of Chin Growth Study approved by a Resolution of County Council in June of 2020 makes way for the further subdivision of Blocks A, B & E. The overall parcel does not have St. Mary's River Irrigation District irrigation rights and is of an odd shape. Small irregular parcels without irrigation rights are greatly compromised as viable farming operations.

Part 7 Paragraph 3 of the Chin Growth Study recognizes that "future hamlet growth should be directed to land to the north (Blocks A, B and E, Plan 899AA)."

The property is currently farmed as dryland with a grain crop. The lack of irrigation rights prohibits strong consistent yields and therefore the subject 32 acres do not support a viable farming operation.

Opportunities

This property offers an excellent opportunity for rural residential living. It's proximity to Coaldale offers convenience for daily necessities as well as a short bus ride for children attending schools.

There is increasing demand for labour in the immediate area given the expansion of the McCain's food plant to the west as well as the expanded irrigation acres by St. Mary's River Irrigation District.

Vital utilities such as natural gas and electricity are readily available adjacent to the property which will facilitate servicing convenience.

Constraints

The site has limited agricultural viability given the irregular shape coupled with lack of irrigation access.

Access to Potable Water

The Hamlet of Chin does not have sanitary sewer infrastructure which limits the residential parcel size to a minimum of 2.0 acres for future development in order to accommodate a septic field/mound system.

The development proposal consists of 13 lots. Lot number 1 will be occupied by the Southern Alberta Christian Learning Centre as per Development Permit # 2023-112 and will remain as currently zoned – Rural Urban Fringe (RUF).

The remainder of the proposed residential lots will be zoned Grouped Country Residential (GCR) as governed by the Lethbridge County Land Use Bylaw. A gravel surface road is proposed to connect Alberta Ave with Range Road 19-0. The existing tire shop site would also be rezoned from Rural Urban Fringe (RUF) to Business Light Industrial (BLI).

It is envisioned that domestic potable water will be supplied to the lots in one or a combination of the following 3 alternatives:

1. Cisterns could be installed below grade or within the basement of the homes as a vessel to store water. Potable water would be delivered by truck.
2. The author of this plan has contacted several water well drillers to gain knowledge of the practicality of drilling for water on this site. Experienced drillers were confident that water would be available at reasonable depths.
3. The Hamlet of Chin is serviced by the County of Lethbridge Rural Water Association. The association has acknowledged that the system is currently at capacity and that no further units are available in the foreseeable future. The developer is providing a 6.0m (20'-0') utility right of way at the front of each lot to allow for future installation of a potable water pipeline should capacity become available.

It should be noted that all of the proposed lots are conditionally sold to buyers who are in agreement with cisterns as the method of providing potable water.

Domestic wastewater will be managed by means of individual on-site wastewater treatment systems for each lot.

Storm water drainage is proposed to be accommodated through the use of surface ditching/grassed drainage swales to convey the rainwater runoff. It is proposed to maintain the existing drainage. Excess drainage overflowing out of the existing ponding areas during major rainfall events will discharge to the Chin Reservoir via natural channels as per pre-development conditions.

A Private Sewage Treatment Systems (PSTS) will be installed on each lot. Sizing of the system will be determined by the number of occupants in the residence as it relates to the Alberta Private Sewage Systems Standard of Practice (Safety Codes Council 2021).

Existing one-wire, single phase overhead power lines operated by Fortis Alberta are present along the east side of Range Road 19-0. Fortis has confirmed that their infrastructure is adequate to support the proposed development and that they are receptive to the development proposal.

ATCO Gas has advised that there is an existing distribution line along the east side of Range Road 19-0. Preliminary discussions with ATCO have suggested that their infrastructure can support the development.

The developer is proposing that all 13 lots be serviced via a new gravel surface road with access off of RR 19-0 from the east and Alberta Ave from the south. The Municipal District of Taber has been notified of the intent of this ASP and will provide comment. New approaches for the access road will be constructed to meet Lethbridge County criteria. Culverts will be sized to meet County standards to ensure proper drainage along each side of the road.

ISL Engineering has provided a Traffic Memo which reports that traffic generated from this proposed development will not negatively impact the existing infrastructure and further that current roads have the capacity for the additional traffic.

NE 25-9-19-W4

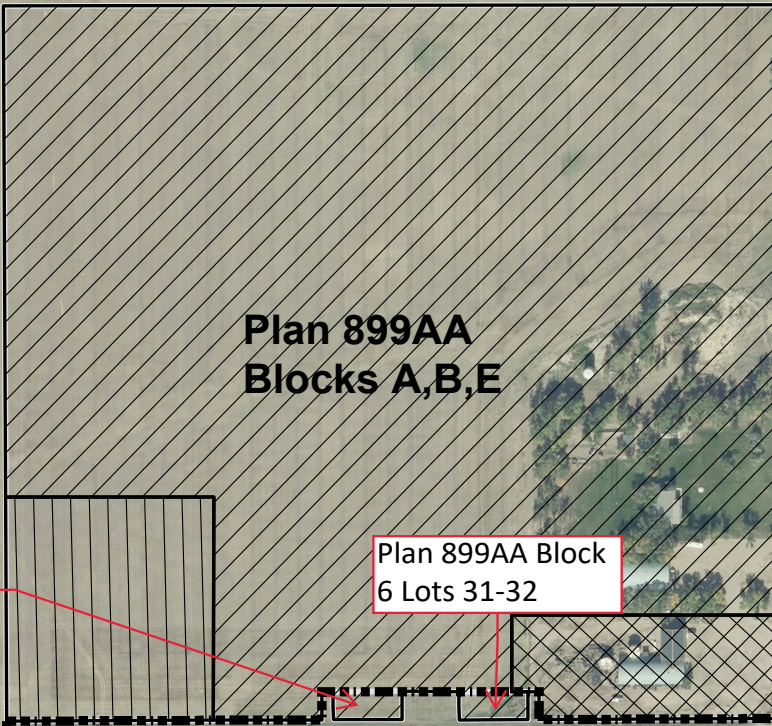
Lethbridge County

MD of Taber

**Plan 899AA
Blocks A,B,E**

Plan 899AA Block
7 Lots 1-2

Plan 899AA Block
6 Lots 31-32



RGE RD 190



**Bylaw 24-003 - Land Use Bylaw Redesignation
Rural Urban Fringe (RUF) to Group Country Residential (GCR) and Business Light Industrial (BLI)**

Parcels: Portions of 899AA; A,B,E, 899AA; 7; 1,2, 899AA; 6; 31,32 Located in NE 25-9-19-W

-  Rural Urban Fringe (RUF) to Business Light Industrial (BLI) Approx 2 Acres
-  Rural Urban Fringe (RUF) to Group Country Residential (GCR) Approx 31
-  Acres Rural Urban Fringe (RUF) Approx 3.3 Acres

-  Parcel
-  Hamlet of Chin
-  Lethbridge County

AGENDA ITEM REPORT



Title: 2023 Year End Surplus/Deficit Report
Meeting: Council Meeting - 04 Apr 2024
Department: Corporate Services
Report Author: Jennifer Place

APPROVAL(S):

Cole Beck, Chief Administrative Officer

Approved - 21 Mar 2024

STRATEGIC ALIGNMENT:



Governance



Relationships



Region



Prosperity

EXECUTIVE SUMMARY:

As part of the year-end process and in preparation for the annual audit, entries are required to ensure funding for capital and operating projects are completed as identified in the budget or by Council resolution.

Upon completion of these entries and after a review of revenues and expenses, Administration has determined that the County has an operational surplus over the 2023 budget of \$1,830,832.78, attached is a report summarizing the surplus by department.

RECOMMENDATION:

Move that the reallocation of funds from Restricted Surplus (Reserves) to Unrestricted Surplus be transferred to the following reserves:

Public Works Capital Reserve	640,969.20
Provincial Policing Funds Reserve	210,000.00
Emergency Services Contingency Reserve	70,105.82
Commercial/Industrial Land Reserve	500,965.64
Tax Equalization Reserve	408,792.12

REASON(S) FOR RECOMMENDATION(S):

The recommendation has been made based on where administration determined the funds were best suited to be reallocated to.

PREVIOUS COUNCIL DIRECTION / POLICY:

F.1.2. 2023 - 2025 Operating & 2023 -2027 Capital Budget

347-2022 Councillor VanderVeen MOVED that the 2023 Operating Budget expenses in the amount of \$30,204,555 as outlined in Attachment 1 be approved, and that the 2024 and 2025 Operating Budget expenses in the amounts of \$30,538,430 and \$30,804,015 respectively be approved in principle.

CARRIED

348-2022 Councillor Sayers MOVED that the 2023 Capital Budget expenses in the amount of \$14,170,000 as outlined in Attachment 1 be approved, and that the 2024, 2025, 2026 and 2027 Capital Budget expenses in the amounts of \$14,715,000, \$8,231,000, \$9,688,000 and \$8,985,000 respectively be approved in principle.

CARRIED

Reserve Policy #169

BACKGROUND INFORMATION:

The budget is approved annually and is the guideline used for providing services, procurement of materials and supplies, and issuance of taxation and invoices for revenue purposes. When the budget is prepared it contains estimates based on known revenues and expenses, as well as historical data. While these budgets are prepared with due diligence and much consideration and all departments take care in adhering to their budgets, there are often unforeseen circumstances that generate variances creating either a surplus or deficit within a department.

ALTERNATIVES / PROS / CONS:

To not transfer from Reserves

PRO - Reserve balance will not be impacted

CON - The unrestricted surplus would be rolled up into the accumulated surplus as part of the year-end process and would not be assigned to reserves to be used as a future cash flow resource for projects.

FINANCIAL IMPACT:

The reserve transfers can be reallocated to any department or in any amount as Council directs.

LEVEL OF PUBLIC PARTICIPATION:

Inform Consult Involve Collaborate Empower

ATTACHMENTS:

[2023 Year End Surplus-Deficit Report](#)



2023 YEAR END SURPLUS/DEFICIT REPORT

	<u>Total Tax Support</u>	<u>Tax Net</u>	<u>(Surplus)/Deficit</u>
COUNCIL	602,545.00	605,584.51	3,039.51
EXEC OFFICE	740,435.00	616,213.41	(124,221.59)
ASB	1,072,205.00	970,222.68	(101,982.32)
FLEET	-	-	-
PUBLIC WORKS	8,982,455.00	8,341,485.80	(640,969.20)
UTILITIES	327,925.00	327,925.00	(0.00)
INFRASTRUCTURE	618,610.00	553,011.84	(65,598.16)
ASSESSMENT	204,245.00	197,615.61	(6,629.39)
FINANCE	928,970.00	628,789.59	(300,180.41)
IT	-	-	-
COMM SRVS	966,595.00	898,429.75	(68,165.25)
PLANNING & DEV.	246,095.00	74.85	(246,020.15)
FIRE SERVICES	1,880,440.00	1,597,928.16	(282,511.84)
CPO	104,940.00	107,346.02	2,406.02
	<u>16,675,460.00</u>	<u>14,844,627.22</u>	<u>(1,830,832.78)</u>

SUMMARY

As the 2023 financial year end processes finalize, Lethbridge County has reviewed the operating budget to actual revenues/costs and has determined a surplus for the 2023 year. While there are some significant department surpluses to report, several are due to unanticipated additional revenues, organizational transitions/changes, interest rate increases over 2022 and some cost savings due to operational/department practice. Below is an explanation of the surplus/deficit by department.

COUNCIL – DEFICIT -\$3,039.31

This deficit is due primarily to costs associated with travel and subsistence related to Council committee activities and conferences such as the bi-annual Rural Municipalities Association (RMA) conferences.

Executive (CAO) Office – SURPLUS - \$124,221.59

The Executive Office surplus is related to wages, benefits and some program savings as the CAO position was vacant for 5 months, through the recruitment of a new CAO, with the interim CAO position being covered internally.



PUBLIC OPERATIONS

Agricultural Services (ASB) – SURPLUS \$101,982.32

In 2023, the AG Services department received an additional \$46,842 in operational grant funding, \$42,342 was for the annual AG & Environmental Services grant and \$4,500 was received from the ECO Canada Grant fund, which offset some of the seasonal employee wages. The remainder of the surplus was related to various operational costs being under budget such as AG chemicals and AG and Parks supplies and machine parts.

Fleet - \$0

While no surplus or deficit is reflected within the Fleet Department as it operates as a fully funded department as per the budget. There was an overall **surplus** in the amount of **\$227,200** was realized and transferred to the Fleet Equipment Capital Reserve. A portion of the surplus was related to revenues earned from equipment rates earned to offset the costs of fuel, parts, supplies, labour based on hours used. The remainder of the surplus was mainly due to savings in contracted services for equipment repairs and fuel purchases as fuel costs leveled off through 2023.

Public Works – SURPLUS -\$640,969.20

While a surplus was projected in the last financial report, the Public Works department did result in a higher than anticipated surplus following all year-end transfers and entries. This main result of the surplus is due to a reduction in gravel purchasing/usage in the amount of \$501,335. This surplus is a result of operations crushing and stockpiling gravel which reduced the need to purchase additional gravel in 2023. The balance of the surplus is made up of a combination of lower than budgeted expenditures of road materials and supplies, culverts, cutting edges and general supplies such as equipment lubricants and oils.

Utilities – \$0

No surplus or deficit is reflected within the Utility Department as it operates at an operational cost recovery, with the exception of \$327,925 that is collected through taxation to fund a debenture as indicated within the budget. The department did, however, after accounting for the \$327,925 in tax support realize an overall **deficit of \$227,938.48**, which was funded from the Utility Capital Reserve. While the overall water sales revenues against purchases generated a surplus of \$ 185,194, cost overages were reported due to some unanticipated contracted services required for hydrovacating, specifically for the Broxburn wastewater system. Additional repairs and maintenance requirements were throughout the County related to the potable water system. is due to increased water sales and salary and wages unutilized while a replacement Utility Manager position was determined.

INFRASTRUCTURE SERVICES – SURPLUS \$65,598.16

The Infrastructure Services department surplus is primarily due to unexpended funds for contracted, technical and general services such as costs for engineering, which were lower than anticipated as other capital infrastructure priorities were focused on.



CORPORATE SERVICES

Assessment & Taxation – SURPLUS \$6,629.39

The Assessment Department surplus is due to some additional revenues earned for tax certificates sales budget rounding and some savings in assessment contracted service and supply expenses.

Finance & Administration/ General Revenues – SURPLUS \$300,180.41

While the Finance & Administration department incurred some additional costs related to insurance, advertising, the financial software conversion, and general office supplies the additional revenues earned from penalties applied to both accounts receivable and taxes offset some of these overages and generated an overall surplus. It should be noted that while the tax penalties are high, a liability has been identified and recorded as part of the year end process for all outstanding oil and gas companies that make up the majority of the outstanding tax roll balances and penalties.

Investment interest recorded in 2023 was \$853,444, which was transferred to capital reserves as per the reserve policy.

Information Technology (IT) – \$0

No surplus or deficit is reflected in the IT Department as it operates as a fully funded department. However, the department did have a small surplus of \$1,047.98 which was transferred to the IT Capital Reserve.

COMMUNITY SERVICES

Community Services Administration - SURPLUS \$68,165.25

The Community Services Department surplus is due to some savings in wages/benefits and program costs due to the Director resigning and not the position not being filled.

Planning & Development – SURPLUS \$246,020.15

The Planning & Development Department is reporting a notable surplus in 2023, which can be attributed to additional revenues earned through Development and Building Permit and Planning fees. In 2023, there were a couple of significant applications made to the County and therefore the fees associated with those applications were much higher than average applications. This additional revenue in conjunction with some savings in professional service fees makes up the department's surplus.

Fire Services – SURPLUS \$282,511.84

Overall fire services revenues collected were \$178,734 higher than budgeted. Additional contributions to the fire services surplus are related to some saving in program costs as the department has new management and the provincial policing services invoice being lower than budgeted, with the larger increase coming in 2024.



Community Peace Officer (CPO) Program – DEFICIT \$2,406.02

The CPO has ended the year with a small budget. In 2023 revenues received were lower than budgeted by \$15,543. This decrease is not fully representative of the fines issued but is the accounting of when the fine revenues are received from the province. While the revenues were lower, some cost savings were realized with the expenses related to supplies and program services which contributed to reducing the overall net deficit.



ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Calgary-Hays*

AR113651

Dear Chief Elected Official or Library Board Chair:

I am pleased to invite your municipality or library board to provide submissions for the 2024 Minister's Awards for Municipal and Public Library Excellence. This program recognizes excellence in municipal government initiatives and provision of library services, and promotes knowledge-sharing to build capacity. These awards offer an opportunity to recognize the truly great work happening in communities across Alberta.

Submissions will be accepted in the following categories:

- **Building Economic Strength (open to all municipalities)** – An award will be given for an innovative initiative that builds the economic capacity and/or resiliency of the community, and/or improves the attractiveness of the community to businesses, investors, and visitors.
- **Enhancing Community Safety (open to all municipalities)** – An award will be given for an innovative initiative that engages the community to address a safety issue. This could involve crime prevention, infrastructure enhancements (for example: lighting, accessibility, traffic calming measures), and community services initiatives.
- **Partnership (open to all municipalities)** – An award will be given for an innovative initiative involving a local or regional partnership that achieves results that could not have otherwise been accomplished by the municipality alone. This could involve cooperation, coordination and collaboration with other municipalities, businesses, Indigenous communities, non-profit organizations, community groups, and other orders of government to achieve a specific outcome.
- **Public Library Services (open to Library Boards serving a population over 10,000)** – Two awards will be given for library service initiatives that demonstrate excellence and/or innovation. The initiatives should demonstrate responsiveness to community needs and provide direct benefit to the public.

...2

320 Legislature Building, 10800 - 97 Avenue, Edmonton, Alberta T5K 2B6 Canada Telephone 780-427-3744 Fax 780-422-9550

Printed on recycled paper

Classification: Protected A

- **Public Library Services (open to Library Boards serving a population under 10,000)** – Two awards will be given for library service initiatives that demonstrate excellence and/or innovation. The initiatives should demonstrate responsiveness to community need(s) and provide direct benefit to the public.
- **Red Tape Reduction (open to all municipalities)** – An award will be given for an innovative initiative that improves a municipal program or service by saving time, money, and resources, or impacts municipal operations by reducing regulatory, policy, or process requirements.
- **Service Delivery Enhancement (open to all municipalities)** – An award will be given for an innovative initiative that improves, or presents a new approach to, how a municipality can deliver a program or service.
- **Smaller Municipalities (open to municipalities with populations less than 5,000)** – An award will be given for a municipal initiative that demonstrates leadership, resourcefulness or innovation, or both, to better the community.

Details regarding eligibility and submission requirements are available on the Minister's Awards for Municipal and Public Library Excellence webpage at www.alberta.ca/ministers-awards-for-municipal-excellence.aspx. The deadline for submission is **April 15, 2024**.

Questions about the program from municipalities can be sent to municipalexcellence@gov.ab.ca or program advisors may be reached at 780-427-2225 (toll-free by first dialing 310-0000).

Questions about the program from library boards can be sent to libraries@gov.ab.ca or program advisors can be reached at 780-427-4871 (toll-free by first dialing 310-0000).

I encourage you to share your stories, and I look forward to celebrating these successes with your communities.

Sincerely,



Ric McIver
Minister



ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Calgary-Hays*

AR114060

Subject: Provincial Education Requisition Credit Program Extension

Our government recognizes delinquent oil and gas property tax payments continue to be a concern for many municipalities. To help address this issue, *Budget 2024* included the announcement of an extension to the Provincial Education Requisition Credit (PERC) program for an additional two years up to and including the 2025 tax year. The maximum annual credit limit is \$3 million.

The extension of PERC is in addition to other recent government initiatives including:

- establishing a mandatory condition with the Alberta Energy Regulator that property taxes are to be paid before approving well licence transfers or granting new well licences;
- strengthening the liability management framework and empowering the Alberta Energy Regulator to enforce it;
- passing new legislation to give municipalities priority over other creditors through a special lien where companies owe taxes; and
- providing the Rural Municipalities of Alberta with a \$300,000 grant to provide resources and training related to enforcing the special lien.

Furthermore, our government will continue working in collaboration with our partners in industry, the Rural Municipalities of Alberta, Alberta Municipalities, and the Alberta Energy Regulator, to ensure oil and gas companies pay their fair share of taxes that municipalities rely on for effective and efficient local service delivery to Albertans.

I look forward to continuing to work together on this important matter.

Sincerely,

Ric McIver
Minister



ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Calgary-Hays*

AR113531

March 18, 2024

Dear Chief Elected Officials:

Municipal Affairs has been working with the Assessment Model Review (AMR) Steering Committee comprised of industry, assessors, and municipal partners, such as Alberta Municipalities and the Rural Municipalities of Alberta.

The committee was tasked with designing an engagement approach to update the regulated property assessment system. I support the approach and I am pleased to share that engagement will begin this year. We have a shared vision to ensure the AMR is deliberate, evidence-based, and stakeholder-driven.

The AMR will be a multi-year process to review the policies, procedures, and rates that form the regulated property assessment framework. We will engage with municipal associations, industry representatives, and professional assessors throughout the duration of the AMR.

The review of the foundational policies – principles, assessment year modifiers, and the policy document that determines how assessable costs are reported for major projects, the Construction Cost Reporting Guide – will occur in 2024. Any resulting policy and regulatory changes would not be implemented any sooner than 2025.

Reviews of the assessment models for individual property types will then occur from 2025 through 2027 in two stages. These reviews will be followed by broad and direct engagement with municipalities and industry to consider the impacts of the new assessment models on revenue. Discussions of potential impacts will also include stakeholder-centered implementation strategies. To be clear, your municipality will be directly engaged on the overall results of the AMR and the potential impacts. The final decision by government on any changes to assessment models will be sought in 2028. Attached is a visual representation of the upcoming AMR engagement, and a frequently asked question document for your use.

Thank you for working in partnership with the province on this crucial task. Please continue to share your perspectives with both my department and your municipal association. I look forward to working with you and your municipal associations on this important initiative.

Sincerely,

Ric Mclver
Minister

.../2

320 Legislature Building, 10800 - 97 Avenue, Edmonton, Alberta T5K 2B6 Canada Telephone 780-427-3744 Fax 780-422-9550

Classification: Public

-2-

cc: Chief Administrative Officers
Tyler Gandam, President, Alberta Municipalities
Paul McLauchlin, President, Rural Municipalities of Alberta

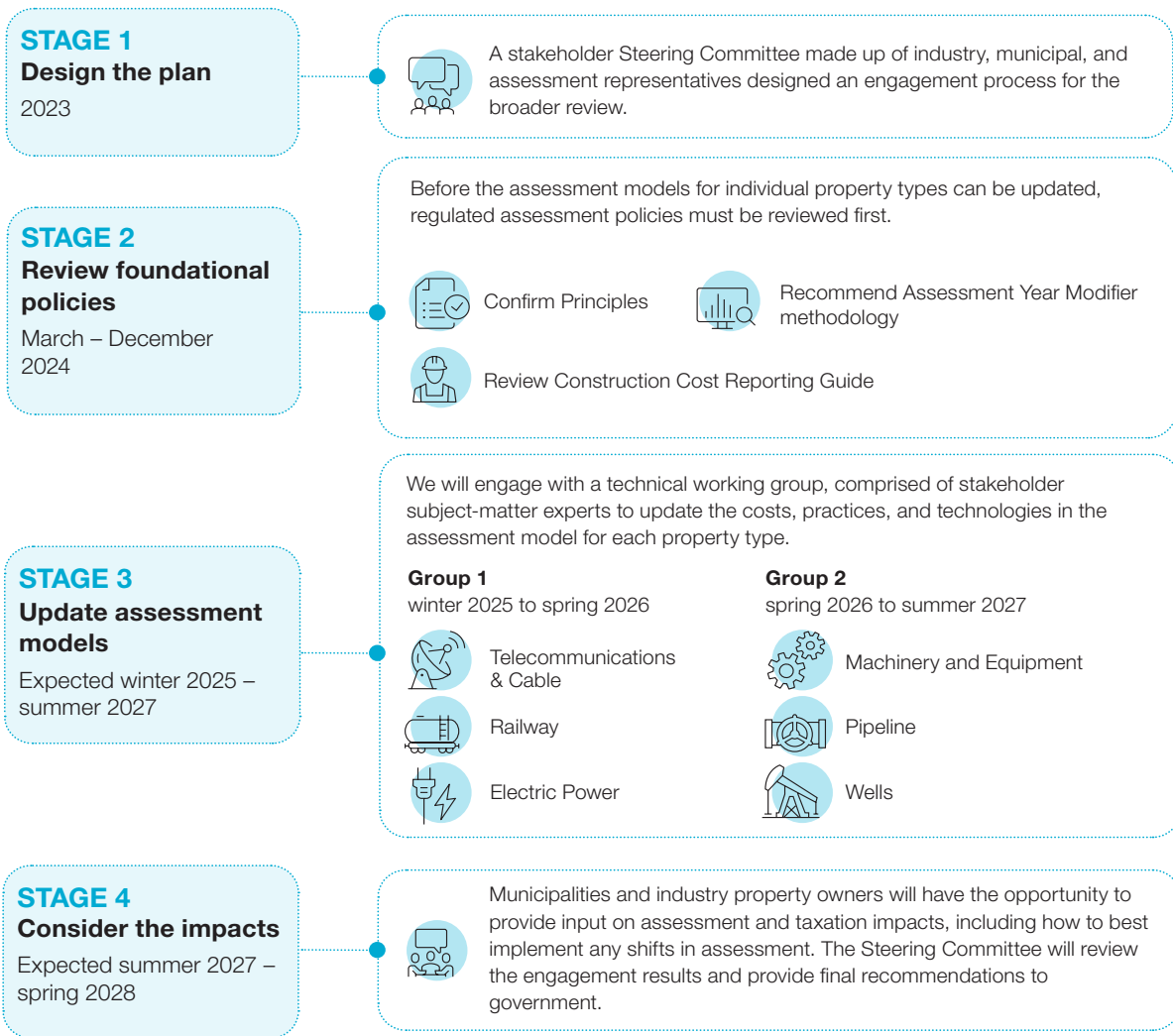
Attachments

- Infographic
- Assessment Model Review: Frequently Asked Questions

Regulated property assessment model review (AMR)

The Assessment Model Review process will update Alberta's regulated property assessment system resulting in fairer valuation of regulated property.

Stakeholder Engagement



Key municipal, industry, and assessment stakeholders will be engaged during each stage of the AMR process. For any questions, please contact the AMR Team at ma.amr@gov.ab.ca.

For more information visit alberta.ca/regulated-property-assessment-model-engagement





Frequently Asked Questions Assessment Model Review

What are the properties that will be reviewed during the Assessment Model Review (AMR)?

Regulated properties, which include electric power systems, telecommunication and cable systems, pipelines, wells, and railway will be reviewed during the AMR process.

When will the results of the AMR be implemented?

Any government decisions on any changes to assessment models would be sought in spring or summer 2028, with implementation to follow.

The last model review was paused; how will this one be different?

In general, the previous attempts to review assessment models relied too heavily on a technical approach without a clear plan to broadly engage stakeholders in all phases of the process.

This one will be different, as this engagement approach seeks to mitigate potential controversy to the extent possible through a clear transparent stakeholder-driven process. Assessment discussions will be principle- and evidence-based, and will be separate from discussion of potential tax impacts and mitigation strategies for any resulting assessment changes.

The stakeholder steering committee that designed the engagement plan for this review will also work throughout the process to ensure the input of the represented stakeholders is considered, and will work according to jointly draft guiding principles to resolve challenges.

How are stakeholders able to participate?

Stakeholders are encouraged to provide feedback during each specific stage of the AMR process, either through their steering committee representative (list provided below) or by sending their comments to the AMR Team at ma.amr@gov.ab.ca.

How will we know the status/updates of the AMR process?

Status updates will be communicated to steering committee representatives (list provided below) and posted to the AMR website at <https://www.alberta.ca/regulated-property-assessment-model-engagement>.

Which groups are impacted by the AMR process?

Municipalities and regulated property owners may be impacted by changes in assessment values at the conclusion of the AMR process.

What are the timelines for the AMR process?

The review of AMR Principles, Assessment Year Modifiers, and the Construction Cost Reporting Guide will occur in 2024. Government will consider any resulting policy and regulatory changes in early 2025.

Reviews of the assessment models for individual regulated property types will then occur in two stages, from 2025-27.

Following this, we will begin broader engagement to comprehensively consider and understand the potential assessment and tax impacts of the new models. We will work with stakeholders to evaluate any mitigation or implementation strategies required.

Final government decisions on any changes to assessment models would be sought in 2028.

For further details please visit <https://www.alberta.ca/regulated-property-assessment-model-engagement>.

Have tax implications been considered for the AMR process?

Following preparation of new assessment models, broad engagement will be initiated with municipalities and industry groups. Stakeholders will have the opportunity to provide input during this stage of the process.

Final government decisions on any changes to assessment models would be sought after this input is received and considered.

Who is the main government contact for the AMR process?

To contact Municipal Affairs during the AMR process, please contact the AMR Team toll-free by first dialing 310-0000, then 780-422-1377, or at ma.amr@gov.ab.ca.

Which stakeholder groups are represented on the steering committee?

The steering committee is comprised of representatives from the following organizations:

- Alberta Assessors' Association
- Alberta Federation of Rural Electrification Associations
- Alberta Municipalities
- Alberta Rural Municipal Administrators' Association
- Bell MTS
- Canadian Association of Petroleum Producers
- Canadian National Railway Company
- Canadian Pacific Railway Company
- Canadian Property Tax Association
- Canadian Renewable Energy Association
- Capital Power
- Chemistry Industry Association of Canada
- Explorers and Producers Association of Canada
- Federation of Gas Co-ops
- FORTIS Alberta
- Independent Power Producers Society of Alberta
- Local Government Administration Association of Alberta
- Northeast Capital Industry Association
- Pipeline Property Tax Group
- Rogers Communications
- Rural Municipalities of Alberta
- TELUS

**The Readymade Community Association
Proudly Presents**

**A Celebration of
Indigenous Culture**

**Featuring local Indigenous speakers,
storytellers, dancers, games,
drummers, and artisans.**

Saturday, April 20, 2024

2:00pm – 7:00pm

Readymade Community Centre

**Participate in the raising of a tipi, listen to Indigenous speakers
and storytellers, test your skills with Indigenous games, and
enjoy the dancers and drummers.**

Visit and shop at Indigenous artisans and vendors.

Food trucks will be on site

Generously supported by



**Everyone welcome!
Free Admission**



Lethbridge & District Exhibition
3401 Parkside Drive S
Lethbridge, Alberta
T1J 4R3

March 13, 2024

Lethbridge County

RE: Request to Host the 2024 Whoop-Up Days Parade Pancake Breakfast

Dear Lethbridge County,

I hope this letter finds you well. On behalf of Lethbridge & District Exhibition, thank you for supporting last years' Whoop-Up Days Parade pancake breakfast. Your support was appreciated as we welcomed hundreds of community members to celebrate the beginning of Whoop-Up Days.

As we eagerly approach Whoop-Up Days 2024, we invite you to once again host the Whoop-Up Days Parade pancake breakfast.

The Whoop-Up Days Parade is an iconic tradition that brings together residents, visitors, and local businesses to celebrate our regions rich heritage and culture. The parade is an integral part of Whoop-Up Days and the pancake breakfast is a vital component of this event, significantly contributing to its overall success.

Scheduled to take place on August 20, 2024, at 6:30 AM in the Park Place Mall parking lot, we'd love to continue our partnership with Lethbridge County as we welcome our community to celebrate Southern Alberta as Canada's Agriculture Destination.

The pancake breakfast offers parade participants a unique opportunity to socialize, connect, and create lasting memories as they embark on a fun-filled week. By hosting the pancake breakfast, you can demonstrate your dedication to Southern Alberta and gain valuable exposure and recognition across our community.

Collaboration on the Whoop-Up Days pancake breakfast would include:

- Provide volunteer support for the 2024 pancake breakfast
- Collaborate on production of the pancake breakfast, including cooking of breakfast
- Support with the pancake breakfast as required

Thank you for considering this request and expanding on our current partnership. We look forward to hearing from you to discuss this request further.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul Kingsmith", written over a light blue horizontal line.

Paul Kingsmith
Director, Community Engagement



ALBERTA

ENVIRONMENT AND PROTECTED AREAS

Office of the Minister

Dear Water Licence Holder,

Thank you for participating in Alberta's water-sharing negotiations over the past two months. By working to develop these water-sharing agreements, you have demonstrated the leadership, dedication and community spirit that makes Alberta great.

Negotiating water-sharing agreements is the most effective tool available to conserve water and reduce the risks posed by drought. Similar agreements struck in 2001 played a critical role in helping communities, irrigators and businesses survive and thrive. This year's discussions were the largest in Alberta's history, with licensees participating who have access of up to 90 per cent of the water that is allocated in the Red Deer, Bow and Old Man River basins.

As a result of this hard work, four draft memorandums of understanding (MOUs) have been developed covering the:

- Bow River Basin
- Red Deer River Basin
- Oldman River Basin
- Upper Tributaries of the Oldman River Basin.

While we were hoping to announce the conclusion of this important work at the end of March, it has become clear that more time will be required for each water licence holder to finalize their approval through your respective governance processes. **I am writing you to ask that you complete this work no later than April 18th, 2024.**

The conclusion of the largest water-sharing negotiations in Alberta's history will be a landmark achievement for all involved and an example to the rest of Canada. Accordingly, this achievement will be shared with the public and the media in a press conference in Calgary on Friday, April 19th. All signatories are invited to participate, please contact EPA.Minister@gov.ab.ca to confirm your attendance.

Thank you again for your generosity, ingenuity and participation. On behalf of Alberta's government, I applaud your leadership and I look forward to working further with you to manage these agreements and maximize Alberta's water supply.

Sincerely,

A handwritten signature in black ink, reading "Rebecca Schulz". The signature is written in a cursive style with a large, looping initial 'R'.

Rebecca Schulz
Minister of Environment and Protected Areas

CC: All stakeholders.

AGENDA ITEM REPORT



Title: Lethbridge County Council Attendance Update - February 2024
Meeting: Council Meeting - 04 Apr 2024
Department: Administration
Report Author: Candice Robison

APPROVAL(S):

Cole Beck, Chief Administrative Officer

Approved - 12 Mar 2024

STRATEGIC ALIGNMENT:



Governance



Relationships



Region



Prosperity

EXECUTIVE SUMMARY:

To remain transparent to its citizens, Lethbridge County Council members report on their activities and events attended throughout the month.

RECOMMENDATION:

No motion required.

REASON(S) FOR RECOMMENDATION(S):

To remain transparent to the citizens of Lethbridge County.

PREVIOUS COUNCIL DIRECTION / POLICY:

A County Council update is provided monthly.

BACKGROUND INFORMATION:

In order to remain transparent to its citizens, Lethbridge County Council members provide a monthly report on their activities and events for the prior month.

ALTERNATIVES / PROS / CONS:

By not reporting activities and events attended by members of Council, citizens are unaware of the events occurring within the region and are unaware of the participation of Council with regards to community events.

FINANCIAL IMPACT:

None at this time.

LEVEL OF PUBLIC PARTICIPATION:



Inform



Consult



Involve



Collaborate



Empower

ATTACHMENTS:

[Lethbridge County Council Attendance Update - February 2024](#)

**Lethbridge County Council Attendance
February 2024**

Division 1

Councillor Lorne Hickey

February 1	Lethbridge County Council Meeting
February 7	FCSS Meeting
February 15	Lethbridge County Council Meeting
February 17	Year of the Dragon Spring Festival
February 21	Green Acres Finance Meeting
February 28	Green Acres Board Meeting

Division 2

Reeve Tory Campbell

February 1	Lethbridge County Council Meeting
February 2	Mayors and Reeves
February 15	Lethbridge County Council Meeting
February 15	Chinook Arch Finance and Personnel Committee Meeting
February 28	Lethbridge County/City of Lethbridge IDP Meeting
February 29	Telephone Town Hall with Minister McIver, Budget 2024

Division 3

Councillor Mark Sayers

February 1	Lethbridge County Council Meeting
February 7	SouthGrow Meeting
February 15	Lethbridge County Council Meeting

Division 4

Deputy Reeve John Kuerbis

February 1	Lethbridge County Council Meeting
February 6	Weekly meeting with Community Futures Director
February 13	Weekly meeting with Community Futures Director
February 15	Lethbridge County Council Meeting
February 20	Weekly meeting with Community Futures Director
February 22	Lethbridge County/Town of Coalhurst IDP Meeting
February 25-28	Community Futures Pan West Conference
February 29	Community Futures Board Meeting

Division 5

Councillor Eric Van Essen

February 1	Lethbridge County Council Meeting
February 8	Picture Butte Chamber of Commerce AGM
February 15	Lethbridge County Council Meeting
February 21	Picture Butte Chamber of Commerce Board Meeting
February 23	Picture Butte Chamber of Commerce Best of Butte Awards Dinner

Division 6

Councillor Klaas VanderVeen

February 1 Lethbridge County Council Meeting
February 15 Lethbridge County Council Meeting
February 22 Lethbridge County/Town of Coalhurst IDP Meeting
February 28-29 Alberta CARES Spring Conference

Division 7

Councillor Morris Zeinstra

February 1 Lethbridge County Council Meeting
February 5-7 AIDA Conference
February 8 Link Pathway Meeting
February 15 Lethbridge County Council Meeting
February 22 Lethbridge County/Town of Coalhurst IDP Meeting