



Content requirements for survey plans and sketches for dispositions on Crown lands

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Version history

Only recent changes are shown.

Date	Section(s)	Changes summary
May 2024	All	<ul style="list-style-type: none">• Reworded for clarity
	Part 1	<ul style="list-style-type: none">• Added 'Surveyor's Sketch'• Updated hydrography requirement from 250 m to 100 m• Updated area requirement to removes acres
	Part 2	<ul style="list-style-type: none">• Added Surveyor's Sketch Statutory Declaration
	Initialisms list	<ul style="list-style-type: none">• Updated initialisms

Introduction

This document applies to Crown lands pursuant to the *Public Lands Act* (PLA), the *Provincial Parks Act*, as specified in Public Lands Administration Regulation (PLAR) Tables A1 and A2, and as regulated by Forestry and Parks (the Ministry) and the Alberta Energy Regulator (AER). In this document, the Ministry and the AER are referred to collectively as the “regulator”. See Part C of the Alberta Land Surveyors’ Association Manual of Standard Practice for practice standards in the preparation of survey plans for public lands dispositions.

When using this document, note that:

- Part 1 contains general requirements that apply to all sketch and survey plans.
- Part 2 contains specific plan requirements for sketch plans that are to be used in conjunction with Part 1.
- Part 3 contains specific requirements for survey plans that are to be used along with Part 1.
- Part 4 contains specific requirements for specific activity types which are to be followed along with Part 1 and Part 2 or Part 3, depending on if you are creating a sketch or survey plan.
- The word “form” means the application, amendment, or renewal form that would accompany the sketch or survey plan and is submitted through the Electronic Disposition System (EDS).
- “Proposed activity” references the activity for which application is being made, and if approved, would result in a disposition. “Disposition”, in this document, generally references pre-existing, approved dispositions unless otherwise indicated.

Part 1. General requirements

1.1 Layout

- 1.1.1 The plan is original, legible, well organized, and uncluttered, computer drafted, and drawn accurately to scale.
- 1.1.2 The plan clearly shows the intent of the proposed activity for which the application is being made.
- 1.1.3 The plan is not more than 75 cm in width or 300 cm in length unless an exception has been granted by the regulator. Plan is not smaller than letter size.
- 1.1.4 Scale is only 1:500, 1:1000, 1:2000, 1:2500, 1:5000, or 1:10 000 unless otherwise stated in this document or exception has been granted by the regulator. For congested areas details have been shown at any scale (or not to scale).
- 1.1.5 Multipage plans are only allowed for MSLs; see exceptions in Part 4.
- 1.1.6 Multiple non-contiguous segments of linear activities are not allowed on the same plan unless an exception has been granted by the regulator, see exception in Part 4.
- 1.1.7 Multiple non-contiguous non-linear activities (with or without access) are not allowed on the same plan unless an exception has been granted by the regulator, see exception in Part 4.
- 1.1.8 All text is clear and legible at intended plotting scale.
- 1.1.9 There is a 1 cm margin of white space from the border of the plan. Margins greater than 1 cm are cropped out. There is no information shown in the margin.

1.2 Title block

1.2.1 Plan heading

- 1.2.1.1. Plan type is shown as “Sketch”, “Surveyor Sketch” or “Survey”.
- 1.2.1.2. The “purpose” is shown on the plan with wording consistent with the purpose and activity as per the Public Lands Administrative Regulations (PLAR) Tables A1 and A2.

- 1.2.1.3. The legal description is shown including:
 - “Within” (“within theoretic(al)” where applicable)
 - Quarter, Section, Township, Range, Meridian (and Lot, Block, Plan where applicable). If the activity affects the road allowance(s) running along the south and west limits of the section it belongs to that section and are included in the legal description.
 - “and Through Adjoining Theoretic(al) Road Allowances” where applicable.
- 1.2.1.4. Legal description within plan heading and extents of activity with the body of the plan are identical to the legal description on the form.
- 1.2.1.5. Full legal name of the municipality is shown.

1.2.2 Plan Information

- 1.2.2.1. The legal name of the applicant as it appears in the client registry is shown and matches the form.
- 1.2.2.2. The name of the consultant/survey company that prepared the plan may be shown.
- 1.2.2.3. The scale of the plan – both scale bar and numerical scale are shown.

1.2.3 Legend, symbols, and notes

- 1.2.3.1. Standard abbreviations and symbols are used when possible and explained in legend (Land Titles Office Procedures Manual LTO SUR-1). All other abbreviations and symbols are explained in the legend.
- 1.2.3.2. Symbols are legible at intended plotting scale.
- 1.2.3.3. The geo-reference point symbol and information required in accordance with Plan Requirements for All Plan Types of the Geo-Referencing Guide are shown.

1.3 Main body of plan

1.3.1 General

- 1.3.1.1. Orientation is indicated by north arrow(s).
- 1.3.1.2. Unless impractical, the page is orientated with north to the top of the page.
- 1.3.1.3. The plan does not contain imagery. If colour, shading or topographical features or contours are shown, they do not obscure the plan data.

1.3.2 Geo-referencing

- 1.3.2.1. The geo-referenced point is shown in accordance with the Geo-Referencing Guide.

1.3.3 Cadastral fabric

- 1.3.3.1. Cadastral fabric is plotted and labelled correctly; any quarter section(s) affected by the extents/boundaries has the full quarter section(s) shown.
- 1.3.3.2. Government Road Allowances are labelled (Theoretic(al) when applicable)
- 1.3.3.3. Sections and/or quarter sections affected by the extents are labelled (that is, NW-53-24-4).
- 1.3.3.4. If the intent is to use Legal Subdivisions (LSDs) and LSD ¼'s as the activity extent/boundaries, then these are labelled.
- 1.3.3.5. Where proposed activities lie in unsurveyed territory, this is indicated within the body of the plan.
- 1.3.3.6. All dispositions, boundary surveys registered at the Land Title Office (LTO), and titled metes and bounds parcels (labelled as C. of T.) within 250 m adjacent to and through the proposed activity are shown and confirmed by the Surface Public Lands Standing Search.

1.3.4 Water bodies and watercourses

- 1.3.4.1. Hydrography within 100m adjacent to and through the proposed activity is shown with an arrow indicating direction of flow, including any detected unmapped features that are relevant to the correct regulation of the activity. Where surveyed hydrography is not available (for example, for a sketch or surveyor sketch), the 1:20 000 Base Features Hydrography (available through AltaLIS) shall be mapped.
- 1.3.4.2. Waterbodies and watercourses are shown with name if applicable.

1.3.5 Extent of activity

- 1.3.5.1. Extent of activity is to be outlined with bold line work 3 to 4 times the thickness of the normal line weight; thick enough to distinguish the intent of the plan. The outline is not dashed or obscure data on the plan.
- 1.3.5.2. Surveyed Government Road Allowances (whether developed or not), registered roads, and unregistered roads used as public roads fall under the jurisdiction of Alberta Transportation (direction, control and management resides with the municipality, section 18(1) of the *Municipal Government Act*) and as such are not included in the activity extent or area calculation.
- 1.3.5.3. Theoretical road allowances (unsurveyed) are under the jurisdiction of the Ministry and are included in the activity extent and area calculations.
- 1.3.5.4. Activity extent is defined by straight lines or arcs having constant radius, except where bound by the banks of all permanent and naturally occurring water features.
- If the extent of the activity is intended to coincide with the bank of a permanent and naturally occurring body of water:
- The bank is determined with the most accurate information available; in the case of sketches, this may be the most recent ortho-rectified aerial or satellite imagery without ground verification.
 - The extent of activity is coincident and follow the sinuosity of the current bank.
 - The current bank is shown as a sinuous line without dimensioning.
 - The bank is labelled as “bank” (not top of bank, bottom of bank, edge of water, ordinary high-water mark, and so on).
- 1.3.5.5.
- Sufficient information is provided indicating how the bank was determined including source and date.
 - When on titled upland, the previous natural boundary from which the current title is based is shown as a ghosted dashed line and labelled with the information on how the location was based.
 - The bank is also extended beyond the proposed activity (approximately 30-50m) shown as a continuous line.
- Where the current location of the bank is not evident due to recent flooding or man-made activity, the advice of an Alberta Land Surveyor should be sought.

1.3.6 Areas, widths, and lengths

- Areas in hectares may be shown up to 3 decimal places. Areas may follow the standards set out in the LTO Procedure Manual (SUR-1):
- 1.3.6.1.
- ha to 0.999 ha => show to 0.001 ha
 - ha to 9.99 ha => show to 0.01 ha
 - 10.0 ha and above => show to 0.1 ha
- 1.3.6.2. Areas are shown in hectares.
- 1.3.6.3. The total area of the entire activity is shown.
- 1.3.6.4. For confirmation of Timber Damage Assessment:
- Provide the breakdown of the total area “within existing dispositions” and that area “outside existing dispositions”, ensuring they are not broken down by parcel.
 - Where a proposed activity happens to fall within more than one Forest Management Agreement (FMA) Area, or partly outside any FMA Area, breakdown the area within and outside existing dispositions further into that area within each overlapped Forestry Management Area (FMA) and that portion outside any FMA.
 - The total area for any incidental activities will be provided in a separate row of the same breakdown.
 - If the application is to amend an approved disposition, ensure that area already approved is included in the area “within existing disposition”, to ensure the applicant is not double-billed.
 - Where a proposed activity overlaps a disposition with a status of “cancelled with outstanding obligations”, then that area is included in the “area outside existing dispositions”.
- 1.3.6.5. For linear activities, the width at every change in width is labelled.
- 1.3.6.6. For access roads (DLO/LOCs) and PLAs, the total length of each width and total length is shown.

1.3.7 Details

- 1.3.7.1. Each detail is uniquely identified and matches its description on the main plan.
- 1.3.7.2. Scale is labelled correctly; a scale bar is not required.
- 1.3.7.3. Existing plans are plotted and labeled consistently with the main body of the plan.
- 1.3.7.4. All symbols and dimensions are shown on the detail consistently with the main body of the plan.
- 1.3.7.5. For linear activities, the width is shown.

Part 2. Additional requirements for sketches and surveyor sketches

All requirements in Part 1 are to be followed in addition to the requirements in this part.

2.1 General

2.1.1 Layout

- 2.1.1.1. The geo-referenced coordinate may be derived from the Cadastral Mapping Database, Digital Integrated Dispositions (DIDs), the Alberta Township System (ATS) Version 4.1 file coordinates, Alberta Survey Control Markers (ASCM) or an existing geo-referenced disposition survey plan.
- 2.1.1.2. All extents are dimensioned with:
 - horizontal distances shown in metres shown to at least 1 m
 - full circle bearings shown to at least 1 degree
 - radius, delta angle and arc length are shown for all curves to the above precision
- 2.1.1.3. Approximate dimensions between all deflection points are shown with the following exceptions:
 - Dimensions are not required along section lines, quarter sections, LSD and LSD quarter lines, or adjacent approved dispositions. However, sufficient dimensions are shown to relate the new activity to the existing line work.
 - Ends of linear activities do not need to be dimensioned if the intent is evident.
- 2.1.1.4. For linear dispositions (access roads and rights of way) with a parallel boundary, only one side or the parallel offset (that is, centerline) are dimensioned if the width is less than 150 feet (45.72 m).
- 2.1.1.5. Deflection points are apparent and when not, symbols such as an "X" or arrows/leaders are used to show deflections and terminal points for clarity.
- 2.1.1.6. Both ends of the disposition are tied off to the nearest ATS corner or definable point on an existing plan.
- 2.1.1.7. For multiple, non-contiguous activities, for each segment a minimum of two ties to ATS corners or a definable point on an existing plan are shown. This may include tying the segments together.

2.2 Title Block

2.2.1 Statutory declaration (Surveyor Sketch only)

- 2.2.1.1. Plan is certified in accordance with the Alberta Land Surveyor's Statutory Declaration for Public Lands Dispositions (Public Lands Survey Manual) and is:
 - signed by a licensed Alberta Land Surveyor
 - dated consistent with the version date of the plan
 - signed by a Commissioner for Oaths

Part 3. Content requirements for survey plans

This document is not intended to supersede standard practices of land surveying, or the surveyor's professional obligations and discretion.

All survey plans are to be prepared in accordance with:

- *Surveys Act (SA)*;
- Alberta Land Surveyors' Association Manual of Standard Practice (MSP), within the surveyor's defensible discretion;
- Public Lands Surveys Manual (PLSM);
- Digital Plan Submission Standards and Guidelines;
- Geo-referencing Guide; and
- Land Titles Procedure Manual (Sur-1)

All general content requirements are to be followed with the additions below.

Hybrid Cadastre survey plans are to be prepared in accordance with the general survey plan requirements in sections 3.1 to 3.3 as well as the specific plan requirements in section 3.5.

Compiled plans are to be prepared in accordance with the general survey plan requirements in sections 3.1 to 3.3, with the exceptions listed in section 3.6.1, as well as the specific requirements in section 3.6.

3.1 Title Block

3.1.1 Legend, symbols and notes

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| 3.1.1.1. | Beyond the general content requirements for geo-referencing, the information required in accordance with the Plan Requirements for Survey Plans in the Geo-Referencing Guide is shown. |
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-

3.1.2 Statutory declaration

-
- | | |
|----------|--|
| 3.1.2.1. | Plan is certified in accordance with the Alberta Land Surveyor's Statutory Declaration for Public Lands Dispositions (Public Lands Survey Manual) and is: <ul style="list-style-type: none">• signed by a licensed Alberta Land Surveyor• dated consistent with the version date of the plan• signed by a Commissioner for Oaths |
|----------|--|
-

3.2 Main body of plan

3.2.1 Monumentation

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- | | |
|----------|---|
| 3.2.1.1. | The location of the disposition is shown in relation to known survey evidence. |
| 3.2.1.2. | Type of monuments are placed in accordance with the PLAR Tables. |
| 3.2.1.3. | Except where the PLAR Tables allow "no monument", temporary points, calculated points, computed points and non-monumented points etc. are discouraged and are only used when the intent is clear. |
| 3.2.1.4. | Evidence used to determine the relationship between the disposition boundaries and all other affected dispositions and other interests is shown. |
| 3.2.1.5. | For access roads: <ul style="list-style-type: none">• Common boundaries or parallel overlaps with other dispositions are clearly indicated.• Ties to common evidence for both disposition plans to support the determination of such common boundaries or parallel offsets is clearly shown. |
-

3.2.2 Dimensioning

- 3.2.2.1. All boundaries are dimensioned in accordance with LTO Standards:
- horizontal distances in metres are shown to 0.01m
 - full circle bearings are shown to 5 arc seconds
 - radius, delta angle and arc length are shown for all curves to the same precision

3.2.3 Linear dispositions

- 3.2.3.1. Ends of linear activities are dimensioned unless 90 degrees to the boundary.
- 3.2.3.2. For access roads (DLO/LOCs) surveyed using remotely sensed data, the source of data used and date of acquisition are shown on the plan.

3.2.4 Natural Boundaries

- 3.2.4.1. Natural boundaries used as disposition boundaries:
- Follow the Plan Requirements from the Directive: Updated Plan Submission Requirements for Changes in Natural Boundaries and are shown in the plan in accordance with LTO SUR-1.
 - Coordinates of ground verification points and direct bank observations are shown in tabulated format.

3.3 Amendments / Renewals (including As-built surveys)

3.3.1 Previously surveyed lease amendments

- 3.3.1.1. For existing dispositions for leases (DMS/MSL, DML/MLL, DPI/PIL, REC, TCL and SML), if the lease is 10 ha in area or greater:
- Only the boundaries of the existing lease adjacent to the amendment need to be surveyed; the plan will be treated as an “itemized” plan.
 - The entire boundary of the amended area is shown in bold line including the common boundary with existing area,
 - The existing and amended areas are clearly labeled.
- 3.3.1.2. Surface improvements and buried facilities that affect the amended disposition boundaries are shown.

3.3.2 Previously surveyed linear disposition amendments

- 3.3.2.1. If a surveyed linear disposition (DPL/PLA/s, DLO/LOCs, EZEs) is greater than 6.5 km in total length and the amendment affects no more than two quarter sections:
- Only the boundaries adjacent to the amendment need to be surveyed; the plan will be treated as an “itemized” plan.
 - The entire boundary of the amended area is shown in bold line including the common boundary with existing area.
 - The existing and amended areas are clearly labelled.
- 3.3.2.2. If a surveyed linear disposition is less than 6.5 km in total length, the entire disposition is retraced, except where it no longer defines the boundary.
- 3.3.2.3. If the amendment affects more than two quarter sections the entire disposition is retraced.
-

3.3.3 Itemized plans

- 3.3.3.1. When adding/deleting land from a disposition with an itemized survey plan:
- This is stated in the title block, for example, “Plan showing survey of amendment to add/delete portion of...”
 - The legal description only includes the portion being added/deleted.
 - In the main body of the plan, the area being added/deleted is clearly illustrated. Colours may be used to illustrate this.
 - In the area table/statement the area being added/deleted and the total/remaining area are clearly stated.
 - Include a key map showing portion to be added/deleted and total/remaining.
 - The digital file (dwg or shape) for Plan Confirmation Services (PCS) or AER OneStop submission includes the entire disposition as amended in the polygon.
 - If adding and deleting land within the same itemized plan, the areas being added and being deleted are clearly shown in accordance with the above bullets.
- Survey plans cannot be amended with itemized sketches.
-

3.4 Conventional plans interacting with existing hybrid plans

- 3.4.1.1. Hybrid symbols are not shown in the conventional survey plan; un-monumented point symbols defined in legend are used for accepted XCs and RCs.
- 3.4.1.2. Accepted XCs are labelled with (not in prescriptive sequence):
- The hybrid plan point number.
 - The plan number.
 - The disposition number.
 - The version date.
- 3.4.1.3. Accepted RCs are labelled as “accepted” and with the same format as accepted XCs.
- 3.4.1.4. Monumentation used on the conventional plan is in accordance with PLAR Tables A1 and A2.
-

3.5 Hybrid Cadastre Plans

3.5.1 Title block

- 3.5.1.1. “Plan Showing Survey (Hybrid) of...” is stated.
- 3.5.1.2. The following four standard bullets are stated:
- This plan contains governing coordinates.
 - Coordinates and bearings are referred to UTM Zone XX NAD83 (CSRS) Epoch 2002, and were derived by GNSS Observations (state how they were derived).
 - Distances are ground in metres and decimals thereof.
 - Combined Scale Factor: 0.999### (show six decimal places).
-

3.5.1.3. In addition to standard abbreviations and symbols referred to in Land Titles Procedure Manual (SUR-1), the following applicable abbreviations and symbols may be shown:

Coordinate Type	Abbreviation	Symbol
New Establishment Coordinate	EC	
Existing Establishment Coordinate	XC	
Re-establishment Coordinate	RC	
Observed Coordinate	OC	 Bank E.g.

3.5.2 Table of coordinates

3.5.2.1. Incremental point numbers are listed:

- commencing from #1
- no missing numbers or inserts such as 7-A, 7.1 etc.

3.5.2.2. Northings and Eastings are stated:

- rounded to 2 decimal places
- no spaces or commas

3.5.2.3. Coordinate types are shown:
EC, XC, RC, OC

3.5.2.4. Point descriptions are stated:

- This field is open as long as it correctly describes the point and does not contradict the plan.
- Applicable attributes of the point such as RP, Point of Curve (PC) and Curve Centre (CC) labelled.

3.5.2.5. In the case of XCs:

- Point number correspond to the point number sequence of the new plan.
- Northings and eastings shown are the exact same as on the plan that created it.
- In the description field, the original point number, the original plan number, the disposition number and the version date are shown (not in prescriptive order).

In the case of an unfiled plan, the plan job number and revision number are acceptable in lieu of the information above.

3.5.3 Body of plan

3.5.3.1. Point numbers are drawn within an ellipse.

3.5.3.2. Point numbers flow through ascending order:

- First, the geo-referenced point(s).
- Next, incremental points along the new boundary in a logical sequence.
- Finally, all other points sequentially at other locations not on the boundary in a logical sequence.

3.5.3.3. In the case of natural boundaries, not all OCs are needed to be labelled on the body of the plan to avoid cluttering. Showing select numbers at regular intervals from the table of coordinates is acceptable.

3.5.3.4. No calculated points or temporary points are shown.

3.5.4 Existing curves

- 3.5.4.1. Within the table of coordinates, the point numbers, northings and eastings, the point type and the descriptions for the OCs and/or RCs at the beginning and end of the curves are listed.
- 3.5.4.2. In the plan body, the point number and point type symbol for all points on the existing curves, or portion of curves used are labeled.
- 3.5.4.3. The curves are dimensioned with the radius, delta angle and arc length.

3.5.5 New hybrid curves

- 3.5.5.1. Within the table of coordinates, the point numbers, the northings and eastings, the coordinate types and the description are listed for all points on the curves.
- 3.5.5.2. The three curve defining points (and only those three) are labeled as PC and/or CC in the description field of the table of coordinates, preferably at the beginning of the field.
- 3.5.5.3. In the body of the plan, the point number and coordinate type symbol for the three curve defining points are labelled for all new curves.
- 3.5.5.4. The curves are dimensioned with the radius, delta angle, arc length.

3.5.6 Geo-referencing

- 3.5.6.1. A minimum of one RP is shown for mapping purposes. The RP must be a found or placed statutory iron post, standard post, found iron bar or appropriate Alberta Survey Control Marker (ASCM).
- 3.5.6.2. At least two OCs are shown on the plan.
- 3.5.6.3. All ECs, XCs, RCs on the plan are no further than 10km from an OC.

3.6 Compiled Plans

- 3.6.1.1. Compiled Plans are exempt from sections 1.2.1.1., 3.2.1., and 3.3.
- 3.6.1.2. "Compiled Plan from Existing Surveys for the Purpose of..." is stated.
- 3.6.1.3. In lieu of the requirements under section 3.1.2, the plan is signed by an Alberta Land Surveyor using the statutory declaration in Appendix D of the Public Lands Survey Manual.
- 3.6.1.4. No new monuments or fieldwork are shown.
- 3.6.1.5. If the bearings are left as astronomic bearings, then an appropriate bearing statement is stated and the corresponding grid bearing is shown in the legend. If the bearings are grid then the rotation angle is stated for all plans that were rotated.
- 3.6.1.6. Compiled dimensions are annotated with a symbol defined in the legend. All rotated bearings are annotated with a symbol defined in the legend.
- 3.6.1.7. The symbols and annotation on the plan reflect those shown in the legend in terms of:
- the dimensions used to compile from the primary plan and all other plans
 - fixed dimensions
 - calculated dimensions
 - rotated bearings
 - new un-monumented corners
- 3.6.1.8. Existing monuments on the plan are shown using standard found evidence symbols: In the legend, are labelled as "existing evidence".
- 3.6.1.9. Monument descriptions are not copied from existing plans; there should be no description beyond identifying the ATS location of the evidence if applicable.

Part 4. Activity specific content requirements

All General content requirements and sketch plan requirements are to be followed with the additions/exceptions noted below.

4.1 Linear Dispositions (EZE/REAs, VCE/RVCs, DPL/PLAs, DLO/LOCs)

4.1.1.1. Any addition of lands to an existing EZE/REA plan is applied for:

- under a new EZE/REA activity number
- with an itemized plan associated to the existing plan
- by amending the entire EZE/REA.

4.1.1.2. VCE is shown as a continuous linear activity and/or non-contiguous multi-shape sketch.

4.1.1.3. If the activity is within public and non-public lands, it is shown in one of three ways:

- As non-contiguous segments on public lands only on the same sheet within the same township.
- As continuous activity with dashed outline when on private land.
- As continuous activity with bold outline for the entire activity.

4.1.1.4. If showing non-contiguous segments on public lands or continuous activity with dashed outline on private land, only the legal descriptions of those segments are shown in the plan heading.

4.1.1.5. If showing continuous activity with bold outline for the entire activity within public and private land, the legal description of all parcels are shown in the plan heading, and each parcel is labelled as “Crown” or “Freehold” within the parcel.

4.1.1.6. Long linear dispositions that do not meet the sheet size requirements when shown as continuous activity have received prior approval from the regulator.

4.2 Piezometer Sites and Heave Monuments

4.2.1.1. All multi-polygon piezometer sites, heave monuments, and associated access do not exceed an area of 6 miles by 6 miles per application unless exception granted by the regulator. When including large number of sites within one application consider the consequences of amendments. Any amendments to one site may require the retracement of the entire survey.

4.3 Surface Material Exploration (SME) and Regulator Material Exploration (RME)

4.3.1 For activities not related to peat

4.3.1.1. Scale is 1:20,000, 1:25,000, or 1:30,000 or those in the general plan requirements.

4.3.1.2. An SME being applied for is not within six miles (9.6 km) of any existing SME application(s) of the same applicant.

4.3.1.3. One SME/RME number has been applied for each contiguous activity. Exception to this rule can occur when the activity is split by surveyed road allowance(s) and/or registered roads.

4.3.1.4. Areas for SME/RME does not exceed 320 acres. Exclusions of dispositions when applied to this 320 acre rule are to be indicated in a tabular format showing acreages. In this situation areas shown are:

- total area (hectares and acres) of activity extents
- total area (hectares and acres) of exclusions
- total area (hectares and acres) of activity extents minus exclusions

4.3.1.5. Areas do not have to follow the breakdown as per 1.3.6.4.

4.3.1.6. All existing dispositions within the proposed SME/RME area are shown and labelled.

4.3.1.7. "TH" or "X" or other symbol are used to indicate proposed test hole locations and the symbol is identified in legend.

4.3.1.8. Access to each test hole is shown by dashed line.

4.3.1.9. All watercourse crossings are shown.

4.3.1.10. Contours (optional) may be shown (at a minimum Base Features data is available through AltaLIS).

4.3.2 For activities related to peat exploration or extraction

4.3.2.1. Scale is 1:20,000, 1:25,000, or 1:30,000 or those in the general plan requirements. A scale of up to 1:40,000 is allowed as long as the intent of the extent is clear. If unclear, details and/or labelling are used.

4.3.2.2. Dispositions, titled metes and bounds parcels, and boundary surveys registered at LTO that directly affect the extents are shown and labelled.

4.3.2.3. Areas do not have to follow the breakdown as per 1.3.6.4.

4.4 Surface Material Authorizations (SMC/RMC), Surface Material Leases (SML/RML) and Mineral Surface Leases (DMS)

4.4.1 For activities not related to peat and not surface material leases overlapping oil sands mineral surface leases

4.4.1.1. One disposition number was applied for each contiguous activity. Exception to this rule can occur when the activity is split by surveyed road allowance(s) and/or registered roads.

4.4.1.2. An SML being applied for is not within six miles (9.6 km) of any existing SML application(s) of the same applicant.

4.4.1.3. Contours are shown (at a minimum Base Features data is available through AltaLIS).

4.4.2 For surface material leases that overlap oil sands mineral surface leases

4.4.2.1. There is only one SML/RML activity per MSL activity.

4.4.2.2. The SML/RML's activity extents/boundary matches the boundary of the approved MSL it is related to.

4.4.2.3. If submitting a sketch plan as the final plan:

- The related MSL is surveyed.
- Dimensions are not required along activity extents, but the activity extents are labeled throughout the plan body indicating the MSL number, plan number, and version date the extents is coincidental with.
- Scale is up to 1:20,000 unless exception granted by the regulator.

4.4.3 For activities related to peat

4.4.3.1. One disposition number is applied for each contiguous activity. Exception to this rule can occur when the activity is split by surveyed road allowance(s) and/or registered roads.

4.4.3.2. SML area does not exceed 500 ha.

4.5 Protection of wetlands (Ducks/Trout Unlimited) and reservoirs on natural waterbodies (DLO/LOCs)

4.5.1.1. The existing bank (as determined using imagery and site inspection) and Full Supply Level (FSL) (if applicable) are shown and the method(s) to determine each are denoted.

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- 4.5.1.2. Extent of activity within freehold land is shown at the bank.
 - 4.5.1.3. Extent of activity on public lands is shown at the FSL (with exceptions).
 - 4.5.1.4. Adjacent freehold lands (FRH) are shown and labeled on plan.
 - 4.5.1.5. Inlets and water control devices are identified on the plan. The inlet and water control devices are applied for as separate activities and can overlap this DLO/LOC.

4.6 Public Land Sale (PLS)

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- 4.6.1.1. Title block to show purpose of PLS that is, “Sketch to show land(s) to be acquired”).
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4.7 Disposition Regulatory Site (DRS)

- 4.7.1.1. The requirements for a DRS follow those of similar non-DRS related activities in PLAR Table A1, except as further noted below. DRSs are reserved for use by Ministries of the Government of Alberta. DRSs are associated with many activities, ranging from fire towers to fish habitat protection areas.
 - 4.7.1.2. Applications made by Alberta Transportation and Economic Corridors for a DRS to support operation of surface material pits, stockpile sites and haul roads only require a sketch plan to be considered for or receive department approval. Where warranted by situations presenting specific risk, including conflict with other dispositions, a survey plan may be required.
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Part 5. List of Initialisms

- AER Alberta Energy Regulator
- C. of T. Certificate of Title
- DIDs Digital Integrated Dispositions
- EC (New) Establishment Coordinates
- EDS Electronic Disposition System
- FP Forestry and Parks
- LSD Legal Subdivision
- LTO Land Titles Office
- OC Observed Coordinate
- PLA Public Lands Act
- PLAR Public Lands Administration Regulation
- PLSM Public Lands Survey Manual
- RC Re-establishment Coordinates
- RP Geo-referenced Point
- XC Existing Establishment Coordinate