

Content Requirements for Survey Plans and Sketches

For Disposition, Reservation and
Notation Activities Affecting Public
Lands (excludes Agricultural Activities)

Operations Division

Archived

Environment and Parks, Government of Alberta

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Content Requirements for Survey Plans and Sketches for Disposition, Reservation and Notation Activities Affecting Public Lands
(excludes Agricultural Activities)

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For more information regarding this content visit: <http://aep.alberta.ca/forms-maps-services/industry-online-services/public-lands-dispositions/step-one-pre-application/survey-sketch-plans.aspx>

For more information regarding public land dispositions visit: <http://aep.alberta.ca/forms-maps-services/industry-online-services/public-lands-dispositions/default.aspx>

Version History

Minor revisions, where small changes have been made to the document such as spelling or grammar corrections, are indicated by making increments to the decimal place e.g. V 1.1; V 1.2; V 1.3.

Major revisions, where the document has had significant changes to the intent, are indicated by making increments to the whole number e.g., V 1.0; V 2.0; V 3.0.

Version	Summary of Changes	
28-04-2017 (V.1.0)	Update content requirements and merge into single document.	
17-05-2017 (V.1.1)	Update AER phone number and updated 1.2.1.5, 1.3.3.2, 1.3.5.5, 2.1.1., and 4.5.	
30-08-2018 (V.2.0)	Section 1.	<ul style="list-style-type: none"> Combine 1.2.1.3. with 1.2.1.2. Update 1.2.3.5. to show example of RP. Update 1.2.3.7. to include 3TM. Remove references to black 1.3.1.3. and 1.3.5.1. Update 1.3.5.5 with additional requirements. Update 1.3.6.1. and 1.3.6.2. for clarity on areas. Update 1.3.6.4. with areas for all non-contiguous segments. Update 1.3.6.6. for timber salvage. Change 1.3.6.8. from 'linear dispositions' to 'access roads'.
	Section 3.	<ul style="list-style-type: none"> Update 3.1.2.1. to include reference to D5.9.8MSP. Update 3.2.1.5. and correct to D5.10MSP. Update 3.2.3.1. and include D5.10MSP reference. Update 3.2.5.1. and include natural boundary requirements. Update 3.3.3.1. for itemized plans for linear dispositions.
	Section 4.	<ul style="list-style-type: none"> Update 4.1. and include exception for RP and calculated distances from deflection to quarter lines Update 4.1.5. to state flow arrows are not required. Update 4.1.8. to state only total area is required. Update 4.6.5. Update 4.7. to include SML.
		<ul style="list-style-type: none"> Reworded for clarity: 1.1.1., 1.1.3., 1.3.6.3., 1.3.6.7., 3.2.3.2., 3.3.2.1., 3.3.3.2., 4.1.2., 4.1.4., 4.1.6., 4.7.1., 4.8. Deleted: 3.2.4.3., 4.1.1. (bullets 2 and 4), 4.1.9., 4.1.10., 4.8.1. Update document to current Government standards.

Table of Contents

Version History	4
Table of Contents	5
Preamble	6
Dispositions, Reservations and Notations regulated of AEP:	6
Dispositions regulated by AER:.....	6
1. General Requirements	7
1.1. Layout	7
1.2. Title Block.....	8
1.3. Main Body of Plan.....	9
2. Content Requirements for Sketches	12
2.1. General	12
3. Content Requirements for Survey Plans	13
3.1. Title Block.....	13
3.2. Main Body of Plan.....	14
3.3. Amendments/Renewals (including as-built surveys) (PLSM).....	15
3.4. Conventional Survey Plan Interacting with an Existing Hybrid Cadastre Plan	16
4. Activity Specific Requirements	17
4.1. Content Requirements for Notations (CNT, PNT, CNC) and HRS Reservations.....	17
4.2. Content Requirements for Provisional Roadway (RDS) Reservations.....	18
4.3. Content Requirements for Linear Dispositions (EZE/REA, VCE/RVC, DPL/PLA, DLO/LOC)	18
4.4. Content Requirements for Piezometer Sites, Heave Monuments and Sample Plots.....	19
4.5. Content Requirements for Public Land Sale (PLS)	19
4.6. Content Requirements for Surface Material Exploration (SME)	19
4.7. Content Requirements for SMC/SML	20
4.8. Content Requirements for the Protection of Wetlands (Ducks/Trout Unlimited) and Reservoirs (DLO)	20
4.9. Content Requirements for Disposition Reservations (DRS).....	21
Acronym List	21

Preamble

This document only applies to public lands pursuant to the *Public Lands Act* (PLA) and Public Lands Administration Regulation (PLAR) Tables A1 and A2. This document applies to the following dispositions types, reservations and notations regulated by Environment and Parks (AEP) and the following disposition types regulated the Alberta Energy Regulator (AER). In this document AEP and the AER are referred to as the “regulatory body”.

Dispositions, Reservations and Notations regulated of AEP:

CNC	Consultative Notation - Company
CNT	Consultative Notation
DLO	Department License of Occupation
DML	Department Miscellaneous Lease
DMS	Department Mineral Surface Lease
DPI	Department Pipeline Installation Lease
DPL	Department Pipeline Agreement
DRS	Disposition Reservation
EZE	Easement
HRS	Holding Reservation
ISP	Industrial Sample Plot
PLS	Public Land Sale
PNT	Protective Notation
RDS	Provisional Roadway
REA	Rural Electrification Association Easement
REC	Recreational Lease
RRD	Registered Roadway
SMC	Surface Material License
SME	Surface Material Exploration
SML	Surface Material Lease
VCE	Vegetation Control Easement

Dispositions regulated by AER:

LOC	License of Occupation
MLL	Miscellaneous Lease
MSL	Mineral Surface Lease
PIL	Pipeline Installation Lease
PLA	Pipeline Agreement
RVC	Vegetation Control Easement

When using this document it is important to note that:

- Part 1 contains general requirements that apply to all sketches 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 followed 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 Electronic Disposition System (EDS).
- Regulatory body refers to Provincial Approvals Section, AEP, and AER.

1. General Requirements

1.1. Layout

1.1.1.	Plans must be original, legible, well organized and uncluttered, computer drafted and drawn accurate to scale.
1.1.2.	A plan must not be more than 75 cm in width and 300 cm in length unless an exception is granted by the regulatory body. No plan shall be smaller than letter size.
1.1.3.	Scale may be 1:500; 1:1,000; 1:2,000; 1:2,500; 1:5,000; and 1:10,000 unless exception granted by the regulatory body. For congested areas details may be shown at any scale (or not to scale).
1.1.4.	Multipage plans are only allowed for MSLs; see exceptions in section 4.3.7.
1.1.5.	Multiple non-contiguous segments of linear activity in the same township are allowed on the same plan.
1.1.6.	Multiple non-contiguous non-linear activity (with or without access) is not allowed on the same plan unless exception granted by the regulatory body.
1.1.7.	No text size smaller than 2 mm at plotted scale is permitted.
1.1.8.	There must be a 1 cm margin of white space from the border of the plan. Margins greater than 1 cm must be cropped out. There must be no information shown in the margin.

1.2. Title Block

1.2.1.	Plan Heading
1.2.1.1.	Show plan type as “Sketch” or “Survey”.
1.2.1.2.	Show “purpose” on plan. This must be consistent with the purpose and activity as per Public Lands Administrative Regulations (PLAR) Tables
1.2.1.3.	Use of the word “proposed” is not permitted within the title block.
1.2.1.4.	Legal description including: <ul style="list-style-type: none"> • “Within” (“Within Theoretic(al)”, when applicable); • Quarter, Section, Township, Range, Meridian (and Lot, Block, Plan, where applicable); and • “And Through Adjoining Theoretic(al) Road Allowance” (when applicable).
1.2.1.5.	Legal description within plan heading and extents of activity within body of the plan must be identical to the legal description on the form.
1.2.1.6.	Include full legal name of municipality.
1.2.2.	Plan Information
1.2.2.1.	Show legal name of applicant as it appears in client registry; should match form.
1.2.2.2.	Show name of consultant/survey company (no company logos are permitted).
1.2.2.3.	Show scale of plan – both scale bar and numerical scale are obligatory.
1.2.3.	Legend, Symbols and Notes
1.2.3.1.	Standard abbreviations and symbols used when possible and explained in legend (Sur-1).
1.2.3.2.	All other abbreviations and symbols used explained in legend.
1.2.3.3.	All abbreviations and symbols in legend must correspond to a feature on the plan; extra/unused symbols are not permitted in the legend.
1.2.3.4.	Symbols must be legible at the plotting scale.
1.2.3.5.	Show the standard geo-referenced point (RP) symbol in legend (a solid line circle with a recommended plot radius of 2.2 mm and a plot thickness of 0.25mm accompanied by the unique text identifier “RP”). Example:  RP

1.2.3.6.	Show datum used; either NAD83(Original) or NAD83(CSRS).
1.2.3.7.	Show the projection used (UTM, 3TM or 10TM) and the appropriate reference meridian and/or zone. 3TM may only be used when inside an Urban Cadastral Mapping Area as listed in “Fact Sheet 10: Mapping Planes in Alberta”.

1.3. Main Body of Plan

1.3.1.	General
1.3.1.1.	Orientation must be indicated by a north arrow.
1.3.1.2.	Unless impractical, orientate page north to top of page.
1.3.1.3.	The plan should not contain imagery. If colour, shading, topographical features or contours are to be shown, they shall not obscure any plan data.
1.3.2.	Geo-referencing
1.3.2.1.	Show the geo-referenced point using the standard symbol shown and tied into the activity.
1.3.3.	Cadastral Fabric
1.3.3.1.	Cadastral fabric plotted and labelled correctly; must include full ¼ section. Details may be used if applicable.
1.3.3.2.	Label Government Road Allowances (“Theoretic(al)”, when applicable).
1.3.3.3.	Label section and/or quarter sections affected by extents of activity (e.g., NW4-53-24-4).
1.3.3.4.	If intent is to use Legal Sub Divisions (LSDs) and LSD ¼’s as the activity extent boundaries then these must be labelled.
1.3.3.5.	For dispositions within unsurveyed territory, indicate this within the body of the plan.
1.3.3.6.	Show and label all dispositions, titled metes and bounds parcels (labelled as C. of T.), and boundary surveys registered at Land Titles Office (LTO) adjacent to and/or through the proposed activity confirmed by Surface Public Land Standing Search.
1.3.4.	Waterbodies/Watercourses
1.3.4.1.	Show hydrography with an arrow indicating the direction of flow. At a minimum show the 1:20,000 Base Features data (available through AltaLIS) and/or unmapped features that are relevant to the activity.

1.3.4.2.	Label waterbodies/watercourses (with name if applicable).
1.3.5.	Extent of Activity
1.3.5.1.	Extents of the activity are to be outlined with bold line work 3 to 4 times the thickness of the normal line weight. It must be thick enough to distinguish the area that is to be approved via the plan. The outline shall not be dashed or obscure any 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 (section 18(1) of the <i>Municipal Government Act</i>) fall under the jurisdiction of Alberta Transportation (direction, control and management resides with the municipality) and as such are not to be included in the activity extents and area calculation.
1.3.5.3.	Theoretical road allowances (unsurveyed) are under the jurisdiction of AEP and must therefore be included in the activity extents and area calculation.
1.3.5.4.	Activity extent must be defined by straight lines or arcs having constant radius except when bound by the banks of all permanent and naturally occurring water features.
1.3.5.5.	<p>If the extent of the activity coincides with the bank of a permanent and naturally occurring body of water:</p> <ul style="list-style-type: none"> • The bank should be determined with the most accurate information available; in the case of sketches this may be the most recent ortho-rectified aerial or satellite imagery; • The extent of the activity must be coincident and follow the sinuosity of the current bank; • The current bank is to be shown as a sinuous line without dimensions; • The bank must be labelled as “Bank” (not top of bank, bottom of bank, edge of water, ordinary high water mark, etc.); • Sufficient information is to be provided indicating how the bank was determined including the source and date. • If on titled land, the previous natural boundary from which the current title is based on must be shown as a ghosted dashed line and labelled with information on how that location was based; • The bank should also be extended beyond the extents of the disposition being applied for (approximately 30-50 m) shown as a continuous line; and • 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
1.3.6.1.	<p>Areas in hectares may be shown up to 3 decimal places. At a minimum areas are to follow the standards set out by the LTO Procedure Manual (SUR-1):</p> <ul style="list-style-type: none"> • 0.001 ha to 0.999 ha show to 0.001 ha • 1.00 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 to be shown in hectares and acres. Acres may be shown to one less decimal place than hectares.
1.3.6.3.	In surveyed territory, the area of the activity must be indicated within each individual parcel (excluding statutory road allowances and registered roads).
1.3.6.4.	In unsurveyed territory, the total area of activity must be indicated including theoretical road allowances). For plans with non-contiguous segments, an area for each segment is required.
1.3.6.5.	If activity covers both surveyed and unsurveyed territory total area of the entire activity must be shown.
1.3.6.6.	<p>Within the Green Area of Alberta (available through AltaLIS):</p> <ul style="list-style-type: none"> • Area for disposition is to be broken down into area within existing dispositions and area outside existing dispositions. • These areas are also to be broken down respectively within each Forestry Management Area (FMA) that the disposition falls within. • The total area for incidental activities is to be broken down in a similar manner.
1.3.6.7.	For linear dispositions, label width in every quarter and at every change in width.
1.3.6.8.	For access roads the total length of each width and total length is required.
1.3.7.	Details
1.3.7.1.	Each detail uniquely identified and matching its description on the main plan.
1.3.7.2.	Scale labelled correctly; a scale bar is not required.
1.3.7.3.	Existing plans plotted and labelled consistent with the main body of the plan.
1.3.7.4.	All symbols and dimensions shown on detail consistent with the main body of the plan.
1.3.7.5.	For linear activities show the width.

2. Content Requirements for Sketches

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

2.1. General

2.1.1.	The geo-referenced coordinate may be derived from the Cadastral Mapping Database, Digital Integrated Dispositions (DIDs), the Alberta Township System (ATS) version 4.1 coordinates or an existing geo-referenced disposition survey plan.
2.1.2.	All extents dimensioned with: <ul style="list-style-type: none">• Horizontal distances in metres shown to at least 1 m;• Full circle bearings shown to at least 1 degree; and• Radius, delta angle and arc length shown for all curves to the above precision.
2.1.3.	Show approximate dimensions between all deflection points with the following exceptions: <ul style="list-style-type: none">• Dimensions are not required along section, quarter section, LSD and LSD quarter lines, or adjacent approved disposition. However sufficient dimensions need to be shown to relate the new activity to the existing line work.• Ends of linear activities do not need to be dimensioned but the intent must be evident.
2.1.4.	Within surveyed territory, show a calculated distance dimensioned to 1 m along the boundary from one deflection to the intersection with parcel boundaries (i.e., $\frac{1}{4}$ lines and C. of T. boundaries).
2.1.5.	For linear dispositions (access roads and rights of way) with a parallel boundary, only dimension one side or the parallel offset (i.e., centerline) if the width is less than 150 feet (45.72 m).
2.1.6.	Deflection points must be apparent and when not, symbols such as X, or arrows/leaders are to be used to show deflections and terminal points for clarity.
2.1.7.	Both ends of the disposition are to be tied off to the nearest ATS corners or a definable point on an existing plan.

3. Content Requirements for Survey Plans

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

Unless otherwise stated, all survey plans must be prepared in accordance with:

- *Surveys Act* (SA);
- Alberta Land Surveyors' Association Manual of Standard Practice (MSP);
- Survey Manual – Public Lands Surveys (PLSM);
- Digital Plan Submission Standards and Guidelines;
- Geo-referencing Digital Plan Submissions;
- Land Titles Procedure Manual (Sur-1); and
- Content Requirements that have references in brackets to these documents are in accordance with that document.

Hybrid Cadastre survey plans are to be prepared in accordance with the most recent version of the Hybrid Cadastre Standards for Public Land Disposition Surveys.

3.1. Title Block

3.1.1.	Legend, Symbols and Notes
3.1.1.1.	Beyond the general content requirements for geo-referencing, show the following: <ul style="list-style-type: none">• Combined scale factor used to scale ground distances to the mapping plane shown;• Grid coordinates of the geo-referenced point shown;• Method used for determining the coordinates of the geo-referenced point explained; and• Statement of how the grid bearings were determined.
3.1.2.	Statutory Declaration
3.1.2.1.	Plan certified in accordance with the Alberta Land Surveyor's Statutory Declaration for Public Land Dispositions (D5.9.8MSP & D5.10MSP) and be: <ul style="list-style-type: none">• Signed by an licensed Alberta Land Surveyor;• Signing date must be consistent with version date of plan; and• Signed by Commissioner for Oaths.

3.2. Main Body of Plan

3.2.1.	Monumentation
3.2.1.1.	All found monumentation used to determine the disposition boundaries shown (D5.8MSP).
3.2.1.2.	Type of Monuments placed in accordance with the PLAR Tables (D5.8.1MSP).
3.2.1.3.	The position of the boundary lines to be established are marked by placing monuments at every change in direction and at the beginning and end of every curve (D5.8.1MSP).
3.2.1.4.	When monuments are not placed, the reason(s) for omission stated on the survey plan (Sur-1).
3.2.1.5.	Temporary points, calculated points, computed points and non-monumented points etc., are discouraged except for surveys of access roads in accordance with D5.10MSP.
3.2.2.	Dimensioning
3.2.2.1.	All boundaries dimensioned in accordance with LTO standards (SUR-1): <ul style="list-style-type: none"> • Horizontal distances in metres shown to 0.01 m; • Full circle bearings shown to five arc seconds; and • Radius, delta angle and arc length shown for all curves to the same precision.
3.2.2.2.	Calculated distances shown to unsurveyed quarter section lines and parcel boundaries within surveyed territory (quarter lines, C. of T. boundaries, across road allowances) (SUR-1) (D4.3MSP).
3.2.2.3.	Both ends of the disposition are to be tied off to existing survey evidence (D4.7MSP).
3.2.2.4.	Copied measurements are not permitted.
3.2.3.	Linear Dispositions
3.2.3.1.	For any linear disposition (i.e., PLA/DPL, LOC/DLO, EZE) that is bounded by parallel lines and not more than 150 feet in width, only one boundary may be monumented (SA s45(3)(a)) except for surveys of access roads in accordance with D5.10MSP. Otherwise both boundaries must be monumented.
3.2.3.2.	In addition to the monumentation requirements above, for linear disposition (D4.1MSP) that require monumentation: <ul style="list-style-type: none"> • Monuments must be placed at terminal points. • Monuments must be placed at intervals not exceeding 1,000 m.

3.2.3.3.	Ends of linear activities need to be dimensioned unless 90 degrees to the boundary.
3.2.4.	Intersections
3.2.4.1.	All surveyed section boundaries intersected are monumented and dimensioned (D5.8.2MSP).
3.2.4.2.	For a disposition that requires statutory iron posts, all existing disposition boundaries defined by statutory iron posts that are intersected are monumented and dimensioned (D5.8.3MSP).
3.2.5.	Natural Boundaries
3.2.5.1.	Natural boundaries used as disposition boundaries (SUR-1) (C4.3MSP): <ul style="list-style-type: none"> • Should follow Plan Requirements from the Updated Plan Submission Requirements for Changes in Natural Boundaries; • They are to be shown on the plan and plotted at the final plan scale in accordance with the above references; • Method of determining bank clearly stated; • If based on a field survey, label indicating the name of ALS and survey dates; and • Show coordinates of ground verification points in tabular format.

3.3. Amendments/Renewals (including as-built surveys) (PLSM)

3.3.1.	Previously Unsurveyed Access Roads
3.3.1.1.	To survey existing previously unsurveyed access roads (D5.10MSP): <ul style="list-style-type: none"> • Monuments are not required; • The centerline may be shown and dimensioned with width of the road; and • Beginning and end points tied to existing surveys.
3.3.2.	Previously Surveyed Lease Amendments
3.3.2.1.	For existing leases (MSL/DMS, MLL/DML, PIL/DPI, REC and SML) (PLSM/D5.11MSP): <ul style="list-style-type: none"> • If the lease is less than 10 ha, survey in accordance with Part D Section 5.11 of the MSP: <ul style="list-style-type: none"> ○ The actual dates of amendment field survey cannot exceed 24 months (from start survey date to end survey date, not signing or application dates); ○ All pre-existing disposition survey evidence must be found, restored, or re-established unless it no longer defines a boundary; ○ Show the former boundaries in a dashed or phantom line type unless it clutters the plan.

	<ul style="list-style-type: none"> • If the lease is 10 ha or greater: <ul style="list-style-type: none"> ○ Only the boundaries of 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 to be shown in bold line including common boundary with existing area; and ○ The existing and amended areas are to be clearly labelled.
3.3.2.2.	For a lease with an associated DLO/LOC access road where the access is not being amended along with the lease amendment, the DLO/LOC may either be retraced at the time of amendment survey or disassociated from the lease.
3.3.2.3.	For a lease with an access road included within the lease (less than 10 ha total), the access road must be included in the amendment and retraced with the lease.
3.3.2.4.	Show surface improvements and buried facilities that affect the disposition boundaries.
3.3.3.	Previously Surveyed Linear Dispositions Amendments (PLA/DPL, LOC/DLO, EZE)
3.3.3.1.	<p>If a surveyed linear disposition is greater than 6.5 km in total length and the amendment affects no more than two quarter sections:</p> <ul style="list-style-type: none"> • Only the boundaries adjacent to the amendments need to be surveyed, and it will be treated as an “itemized” plan; • The entire boundary of the amended area is to be shown in bold line including common boundary with existing area; and • The existing and amended areas are to be clearly labelled.
3.3.3.2.	If a surveyed linear disposition is less than 6.5 km in total length, the entire disposition needs to be retraced, except where it no longer defines the boundary.
3.3.3.3.	If the amendment affects more than two quarter sections the entire disposition needs to be retraced.

3.4. Conventional Survey Plan Interacting with an Existing Hybrid Cadastre Plan

3.4.1.	<p>If surveying a conventional (non-Hybrid Cadastre survey) plan that intersects, parallels or abuts a Hybrid Cadastre plan:</p> <ul style="list-style-type: none"> • Existing <i>Establishment Coordinates</i> (ECs) may be accepted to govern the boundary of the hybrid plan including common boundaries with the conventional plan. • Existing <i>Re-establishment Coordinates</i> (RCs) may be accepted to show the location of a lost monument. • Hybrid symbols are not to be shown on the conventional survey plan; unmonumented point symbols such as “X” or other symbol to be used for existing ECs and RCs.
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	<ul style="list-style-type: none"> • Accepted existing ECs are to be labelled with <ul style="list-style-type: none"> ○ The Hybrid Cadastre survey plan point number; ○ The plan number (as shown in margin of plan); ○ The disposition number; and ○ The version date (as shown in margin of plan). • Accepted RCs are to be labelled with “accepted” and with the same format as accepted ECs. • Monumentation used on the conventional plan will be in accordance with the PLAR Tables. • ECs may be replaced by statutory iron posts (by filing a Statutory Declaration) and shown on all subsequent plans (including this plan) as “found”.
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4. Activity Specific Requirements

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

4.1. Content Requirements for Notations (CNT, PNT, CNC) and HRS Reservations

4.1.1.	<p>For large contiguous activities, multipage plans are allowed:</p> <ul style="list-style-type: none"> • Sheet 1 includes an index map showing relationship of the sheets to each other. • All sheets may be shown at a scale of 1:20,000 (representing 6 x 6 sections).
4.1.2.	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 will be required.
4.1.3.	One reservation or notation number shall be applied for each contiguous activity. Exception to the rule will occur when non-contiguous activities are within six miles (9.6 km) of each other.
4.1.4.	May use text or line type (identified in legend) to illustrate surveyed or theoretical road allowances. All other references to surveyed and unsurveyed territory are not required.
4.1.5.	May use text or line type (identified in legend) to illustrate waterbodies/watercourses. Flow arrows are not required.
4.1.6.	Showing and labelling of dispositions, titled metes and bounds parcels, and boundary surveys registered at LTO is not required unless they directly affect the extents.

4.1.7.	All other exclusions are not to be included in the activity extents and area calculation.
4.1.8.	Only total area is required, may be rounded off to the nearest hectare; acres are not required.
4.1.9.	Geo-reference point does not need to be shown on the plan if the digital submission file is a shapefile.
4.1.10.	Calculated distance from deflection to quarter lines is not required.

4.2. Content Requirements for Provisional Roadway (RDS) Reservations

4.2.1.	The length of a new contiguous RDS plan shall not exceed the length of the final survey plan that is to be registered at LTO.
4.2.2.	Any addition of lands adjacent to an existing RDS plan should be either applied for: <ul style="list-style-type: none"> • Under a new RDS activity number, • With an itemized plan associated to the existing RDS, or • By amendment to the entire existing RDS.
4.2.3.	Label and show dashed lines for proposed registered road boundaries in relation to RDS extents.
4.2.4.	Once the LTO plan is registered, the RRD is to be applied for with the LTO plan, and the RDS can either be cancelled in its entirety or portions amended.

4.3. Content Requirements for Linear Dispositions (EZE/REA, VCE/RVC, DPL/PLA, DLO/LOC)

4.3.1.	Overhead and buried power lines may be applied for under one activity.
4.3.2.	Any addition of lands to an existing EZE/REA plan should be either applied for: <ul style="list-style-type: none"> • Under an new EZE/REA activity number; • With an itemized plan associated to the existing EZE/REA; or • By amendment to the entire existing EZE/REA.
4.3.3.	VCEs may be a continuous linear activity and/or non-contiguous multi-shape sketch.

4.3.4.	If the activity is within public and private land, it may be shown in three ways: <ul style="list-style-type: none"> • As non-contiguous segments on public land only on the same sheet within the same township; • As continuous activity with dashed outline when on private land; or • As continuous activity with bold outline for entire activity.
4.3.5.	If showing non-contiguous segments on public land or continuous activity with dashed outline on private land, only show the legal descriptions of those segments in the plan heading.
4.3.6.	If showing continuous activity with bold outline for entire activity within public and private land, include the legal description of all parcels in the plan heading, and label each parcel as “Crown” or “Freehold” within the parcel.
4.3.7.	Long linear dispositions that do not meet the sheet size requirement when shown as a continuous activity must receive prior approval and instructions from the appropriate regulatory body as certain plan requirements may be waived.

4.4. Content Requirements for Piezometer Sites, Heave Monuments and Sample Plots

4.4.1.	All multi-polygon piezometer sites, heave monuments and sample plots must be within a township per application. 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.
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4.5. Content Requirements for Public Land Sale (PLS)

4.5.1.	Title block to show purpose of PLS (i.e., “Sketch to show land(s) to be acquired”).
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4.6. Content Requirements for Surface Material Exploration (SME)

4.6.1.	Scale may be 1:20,000, 1:25,000, or 1:30,000 or those in the general plan requirements.
4.6.2.	No portion of an individual SME program shall be separated by more than six miles (9.6 km) from any other portion of the program.

4.6.3.	Exclusions of dispositions when applied to the 320 acre rule are to be indicated in a tabular format showing acreages. The total acreage of all exclusions should also be indicated.
4.6.4.	Show all existing dispositions within the proposed SME area.
4.6.5.	Contours (optional) may be shown (at a minimum Base Features data is available through AltaLIS).
4.6.6.	Use “TH” or “X” or other symbol to indicate proposed test hole locations. Identify the symbol in legend.
4.6.7.	Access within SME to each test hole to be shown by dashed line.
4.6.8.	Show all watercourse crossings and method of crossing to be used; log fill (lf), snow fill (sf), fording (f).

4.7. Content Requirements for SMC/SML

4.7.1.	Contours must be shown (at a minimum Base Features data is available through AltaLIS).
4.7.2.	For Surface Material Licences (SMCs) that fall within DRSs held by Alberta Transportation or other ministries, the hard copy of the DRS pit plan is to be used and the excavation site or stockpile to be removed hand drawn with an “X”.

4.8. Content Requirements for the Protection of Wetlands (Ducks/Trout Unlimited) and Reservoirs (DLO/LOC)

4.8.1.	Show existing bank (as determined using imagery and site inspection) and Full Supply Level (FSL) (if applicable) and denote method(s) to determine each.
4.8.2.	Extent of activity within freehold land is to be shown at the bank.
4.8.3.	Extent of activity on public lands is to be shown at the FSL (with exceptions).
4.8.4.	Show adjacent freehold lands (FRH) and label on plan.
4.8.5.	Inlets and water control devices are to be identified and applied for as required by project. They should be included within the extent of activity when within public lands.

4.9. Content Requirements for Disposition Reservations (DRS)

4.9.1.	Disposition Reservations (DRS) are used exclusively for AEP and other ministries within the Government of Alberta. DRSs have many purposes ranging from fire towers to fish habitat protection areas. Generally, the requirements for DRS follow those of similar non-DRS related activities. For example, a fire tower would be a DML, a road would be a DLO, a recreation area would be a REC, etc., in accordance with the PLAR Table A1.
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Acronym List

AEP	Environment and Parks
AER	Alberta Energy Regulator
C. of T.	Certificate of title
DIDs	Digital Integrated Dispositions
EC	Establishment Coordinates
EDS	Electronic Disposition System
LSD	Legal Subdivision
LTO	Land Titles Office
PLA	Public Lands Act
PLAR	Public Lands Administration Regulation
PLSM	Survey Manual – Public Lands Surveys
RC	Re-establishment Coordinates
RP	Geo-referenced Point