



Northern Territory of Australia

Licensed Surveyors Act 1983

Surveyors Board: Notification of Direction

I, Robert Ian Sarib, Chairperson of the Surveyors Board of the Northern Territory of Australia, under section 47(2)(a) of the *Licensed Surveyors Act 1983*, give notice that:

- (a) on 10 March 2026 the Surveyors Board of the Northern Territory of Australia gave a direction under section 47(1) of the Act entitled 'Provisional CAD Standard for Digital Plans'; and
- (b) copies of the direction may be obtained from www.surveyorsboard.nt.gov.au.

R. I. SARIB
Chairperson
Surveyors Board of the Northern Territory

Dated 28 April 2026

Surveyors Board of the Northern Territory Direction Provisional CAD Standard for Digital Plans (December 2025)



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Item	Definition
Annotative Scale	A setting in AutoCAD that specifies at which scale an object (text or Block) is visible
Block	A subordinate drawing file within the main drawing file. Used to create symbols or other complex objects
ByLayer	Settings of Linetypes, Lineweights and colours for specified objects
CAD	Computer Aided Drawing / Computer Assisted Drafting
CRM	Coordinated Reference Mark
DLPE	Department of Lands Planning and the Environment
DWG	Default drawing file format (.dwg) DWG is a proprietary binary file format used for storing two- and three-dimensional design data and metadata. It is the native format for several CAD packages
Layer	Layers are the primary method for organising the objects in a drawing by function or purpose. Layers can reduce the visual complexity of a drawing and improve display performance by hiding information that is not required to be seen. A Layer can be turned on or off as required

Item	Definition
Layout	Electronic drawing sheet within a drawing file upon which data can be drawn and manipulated. A 2D working environment for creating drawing sheets. The area within a Layout is called paper space, where you can add a Title Block, display scaled views of Model Space within Layout viewports, and create tables, schedules, notes, and dimensions for your drawing
Linetype	AutoCAD setting for the styling of a line: continuous, dashed etc
Lineweight	AutoCAD setting for the thickness of a line
MGA	Map Grid of Australia A series of transverse Mercator projections associated with a series of geocentric datums designed for Australia
Model Space	Defined drawing space A working environment that is a limitless 3D drawing area
NT	Northern Territory
Paper Space	Defined drawing space for placing diagram sheets etc. A working environment used to prepare your drawing for printing by creating Layout viewports that display different views of Model Space
Paper Text Height	The height of text in Paper Space and on a plan once printed, on its correct sized paper
PDS	Plan Drawing Standards as endorsed by the SBNT
Plot Style	In AutoCAD a group of settings combined in a table that determine how a plan is plotted
Plottable	Describes if an element will be visible when a PDF plan is rendered/printed
Purge	AutoCAD command to delete any object information that is not being used in the CAD file
SAO	Survey Approvals Online A NT Government website used to lodge surveys
SBNT	Surveyors Board of the Northern Territory
SPDs	Survey Practice Directions as endorsed by the SBNT
Title Block	A Block that contains a border and additional information relating to a plan
UTS	Unit Title Schemes
Width Factor	A setting in AutoCAD that determines the width of text

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1. Background

The main purposes of the “SBNT Direction - Provisional CAD Standard for Digital Plans” (the Direction) are to -

- (a) provide interim standards and technical specifications for the preparation of a digital survey plan in DWG format;
- (b) enable Licensed Surveyors to either submit rendered PDF survey plans generated by either the “CAD Palette” (a tool developed by DLPE to facilitate digital plan lodgement) or existing CAD applications presently being used; and to
- (c) ensure digital survey plans, digital certification of survey plans, as well as the results of the land boundary surveys, performed by the Licensed Surveyor, are legal.

The Direction is to be used in conjunction with the existing Survey Practice Directions and Plan Drawing Standards, that is, the survey plan lodged for approval by the Surveyor-General should comply with these Directions requirements endorsed by the SBNT, as well as those specified by the Surveyor-General.

It is anticipated the Direction will be reviewed in 12 months and will be based on the feedback provided by Licensed Surveyors and other users or stakeholders actively involved with the preparation of the digital survey plans, the Direction, and digital plan lodgement.

2. Differing Standards

Where a standard in the Direction differs from one in the Plan Drawing Standards, the standard in the Direction will take precedence over the Plan Drawing Standards. This section lists the standards from the Direction that are different to those prescribed in the Plan Drawing Standard. These differences are limited to standards that effect Plan Presentation.

2.1. [Lines](#) (and [Appendix B – Layer Standard](#))

- Linetype for L-ROAD

2.2. [Text](#)

- Font
- Width Factor

2.3. [Blocks](#)

- Primary Legislation
- Scale Bar Increment

2.4. [Model Space, Paper Space, Layouts and External References](#)

- A3 Title Blocks

2.5. [Easements](#)

- IDs
- Schedules

2.6. [Curves](#)

- IDs
- Schedules

3. General Requirements for Acceptance of CAD files

- 3.1. Only one DWG per survey is to be submitted containing all the required diagram sheets.
- 3.2. All DWG plans must use the supplied DWG template.
- 3.3. DWG file sizes must be no greater than 5MB.
- 3.4. All Plottable data in Model Space must be visible in Paper Space.
- 3.5. All data in Paper Space must be within the Title Block border.

4. Drawing Units

- 4.1. All drawings must be drawn at a scale of one drawing unit = 1 metre in Model Space.

5. Layers

- 5.1. The composition of Layer names is defined in [Appendix A – Layer Naming Structure](#).
- 5.2. The DWG must only contain Layers defined in [Appendix B – Layer Standard](#).
- 5.3. Layers not defined in [Appendix B – Layer Standard](#) must be Purged from the drawing prior to being submitted for validation and lodgement.
- 5.4. All drawing objects must be on the appropriate Layer as specified in [Appendix B – Layer Standard](#).
- 5.5. The following Layers must have their plot settings set to ‘do not plot’:
 - A-NOTE
 - L-NOTE
 - L-UTS
 - L-VIEW-PORT
 - All Layers ending with “-TRUE” e.g. L-ABUT-TRUE or L-ADMN-TRUE

6. Surveyed Line Work

- 6.1. Surveyed line work must be handled in model space in accordance with [Appendix D](#).
- 6.2. Line work must be coordinated in model space using the following methods:
 - Compiled plans adopt an origin point using one vertex on the subject parcel from the DWG extract.
 - Original plans adopt an origin point using the best available coordinates of the closest CRM to the subject parcel.
 - Any plan with MGA linework must have all vertices located at their surveyed MGA coordinates.

- For UTS Plans with multiple representations, only one representation, usually the ground floor which has connections, is required to have an origin point. Refer to [UTS Plans](#) for more details.

6.3. Where miscloses occur, one or more lines must be adjusted to close the parcel. Additional lines must not be created to close a parcel.

6.4. Where surveyed line work needs to be exaggerated for presentation purposes, there must be one instance of the line with its true dimensions, and a second instance of the line with its exaggerated dimensions. The appropriate '-TRUE' and '-EXAG' layers must be used.

6.4.1. Where exaggerating a line's bearing, it is only permitted to exceed the processing algorithms exaggeration tolerance where it is required for clarity of the plan.

7. Lines

7.1. Where they differ, the Linetype or Lineweight defined in Appendix B – Layer Standard will take precedence over those referred to in the PDS 1.8 *Linework, Lettering and Symbols*

7.2. All lines must have Linetype set to ByLayer and must use the Linetype prescribed in [Appendix B – Layer Standard](#).

7.2.1. Exceptions that can have multiple Linetypes are:

- L-ABUT (-TRUE/EXAG)
- L-ADMN (-TRUE/EXAG)
- L-GNRL (-TRUE/EXAG)
- L-OCCU (-TRUE/EXAG)
- L-ROAD (-TRUE/EXAG)

7.3. For all lines the Lineweight must be set to ByLayer and must consistently match the weight as prescribed in [Appendix B – Layer Standard](#).

7.4. The following Linetype scales are recommended to be set to 1:

- PSLTSCALE
- MSLTSCALE
- LTSCALE
- CELTSCALE

7.5. The Linetype scale may be adjusted where required to enhance presentation. Adjusting Linetype scale so it is unrecognisable or could be confused with other line types is not allowed.

7.6. Duplicate lines must not exist e.g. where lines are on the parcel Layer (L-PRCL~) a duplicate line must not be shown on the Abuttals Layer (L-ABUT).

7.6.1. Lines on the Easement Layer (L-EASE) are an exception.

7.7. Where appropriate, specific boundary Layers must be used on the subject parcel instead of L-PRCL, see the table below for details. Specific boundaries must not substitute abuttal lines on L-ABUT.

Layer	Description
L-CLFF	Cliff
L-CLR	Centreline River
L-CSTL	Coastline
L-MHWL	Mean High Water Level
L-MLWL	Mean Low Water Level
L-NTDL	Non-Tidal
L-PATH	Pathway
L-RBNK	Riverbank
L-RDCL	Surveyed Road Centreline
L-ROAD	A continuous line type where subject parcel boundaries abut or form a road. A dashed line type to be used where a road parcel boundary abuts an existing road
L-STCK	Stock Route
L-TDL	Tidal

7.8. Where intermediate distance labels occur, lines must be segmented into smaller components that match the distance labels. In cases where intermediate distances occur within intermediate distances, preference line objects equal to the smallest segments first. This includes where reference marks occur at corners along boundaries.

8. Text

8.1. Where they differ, text attributes defined in the Provisional CAD Standard will take precedence over those referred to in the PDS 1.8 *Linework, Lettering and Symbols*

8.2. Arial font must be used.

8.2.1. Abuttal parcel numbers of superseded parcels are an exception and must use the superseded (dot/skeleton) font.

8.3. The Width Factor of the text may be reduced to a minimum of 0.8.

8.4. For all text the Paper Text Height must consistently match the height as prescribed in [Appendix B – Layer Standard](#).

8.5. Italicised text is permitted in certain cases as per the Plan Drawing Standards.

8.6. Bold text is not permitted.

8.6.1. Exceptions are in the Title Block (B-TTBL) and parcel numbers (A-PRCL-IDNT).

- 8.7. Lower case alpha characters are permitted for specified purposes as defined in the Plan Drawing Standards.
- 8.8. Text must only have one Annotative Scale.
- 8.9. Bearing and distance text must be rotated to match the corresponding line objects bearing, i.e. to be parallel. In cases of exaggerated lines, the text should match the exaggerated line objects bearing.

9. Blocks (Symbols)

- 9.1. Where they differ, symbols defined in the Provisional CAD Standard will take precedence over those referred to in the PDS 1.8 *Linework, Lettering and Symbols*
- 9.2. Block naming conventions are defined in [Appendix B – Layer Standard](#).
- 9.3. All NT supplied Blocks include the invisible NT_DPL_BLOCK_NAME attribute containing the name of the Block as defined in [Appendix B – Layer Standard](#). This attribute must not be changed.
- 9.4. Annotative Blocks may have multiple Annotative Scales.
- 9.5. Every Sheet must have either the Survey Approval or LTO Survey Approval Block in the Title Block cell second from the bottom left corner.
- 9.6. Every Sheet must have a North Arrow Block with the bearing attribute populated consistently on all sheets.
- 9.7. A Scale Bar Block with increments that are equal to whole numbers must be used.
- 9.8. Where vinculum are used, a parcel number annotation is required for each part of the parcel. The parcel number must only be visible in one part parcel per sheet, in other parts a small text size parcel number must be used.
- 9.9. Where arrows are used to indicate the location of information the following rules apply:
 - The arrow must originate (tail) at the information and point (head) towards the location i.e. arrow in.
 - The provided arrow within the CAD software must be used.
- 9.10. Every sheet's Title Block, TITLE_BLOCK_X, must have the following attributes populated on all sheets:
 - 9.10.1. Survey Plan Heading (PARCELS_X) and at least one of the following (TITLE_1 AND TITLE_2)
 - 9.10.2. Survey Plan Reference (SURVEY_REF these can be inconsistent across sheets to account for suffix letters)
 - 9.10.3. Primary legislation relating to the survey (LEGISLATION_NOTE). Attribute values can be, but are not limited to, the following:
 - *Aboriginal Land Rights (Northern Territory) Act 1976*

- *Control of Roads Act 1953*
- *Crown Lands Act 1992*
- *Lands Acquisitions Act 1978*
- *Local Government Act 2019*
- *Mineral Titles Act 2010*
- *Pastoral Land Act 1992*
- *Unit Title Schemes Act 2009*

9.10.4. Plan version (VERSION)

9.10.5. MGA datum and zone (MGA_DATUM, MGA_ZONE) Note: These attributes are used to determine the location of origin points or MGA line work. This standard does not prescribe survey practice in relation to bearings, datums or projections.

9.10.6. Drawing details (DRAWN_BY, DRAWN_DATE)

9.10.7. Examiner details (EXAMINED_BY, EXAMINED_DATE)

9.11. The Legend Schedule is optional. Symbols or text can be used.

9.12. The Additional Notes Block is optional. It can be used when there are notes that do not fit within the Title Blocks notes section.

10. Colour

10.1. All objects must have colour set to ByLayer and must use the colour defined in [Appendix B – Layer Standard](#).

10.1.1. Conc_Block (TRUE/EXAG) is an exception.

10.2. All objects must use the colour number defined in [Appendix B – Layer Standard](#) rather than the colour name.

11. Model Space, Paper Space, Layouts and External References

11.1. All DWG plans must use the supplied A3 Title Blocks.

11.2. All surveys must be drawn as one continuous and uniform plan in Model Space.

11.2.1. Multiple representations, such as enlargements, must be made in Paper Space.

11.2.2. UTS Plans are an exception when they require multiple representations, i.e. for multiple floors. Refer to [UTS Plans](#) for more details.

11.2.3. Line work such as connections or abutments are permitted in paper space only where it is necessary for plan presentation. In such cases all data must be within the relevant viewport

11.3. For every diagram sheet required as part of the plan lodgement, a corresponding Layout in Paper Space is required using the naming convention DS_(X) where X is the diagram page number (e.g. DS_(1), DS_(2), DS_(3), etc).

11.4. Blank diagram sheets are not permitted.

11.5. All DWG files must be Purged of any external reference files prior to upload.

11.6. Viewports are only permitted to overlap if one viewport is completely bound within another (e.g. an enlargement viewport within a main viewport).

11.7. All data in paper space must be placed within its corresponding viewport.

11.7.1. An exception is where arrows are used, the data related to the arrow may be placed outside the corresponding viewport.

12. Survey Marks

12.1. All CRMs must have the CRM_NAME attribute populated in the Block.

12.1.1. For True and Exaggerated CRM pairs, the CRM_NAME attribute must be completed in both Blocks.

12.2. The insertion point of all Survey Mark Blocks is predefined to be the centre of the Block.

13. Easements

13.1. Where they differ, easement rules defined in The CAD Standard will take precedence over those referred to in the PDS 7. *Easements*

13.2. Easements must be constructed from closed polylines on L-EASE. If there are multiple overlapping easements there must be a closed polyline for each easement.

13.3. Easements must be fully dimensioned. Areas where easements intersect within a parcel are not required to be dimensioned.

13.4. Easement schedules are required when easements appear on a plan.

13.5. The following are requirements for labelling easements:

13.5.1. An easement ID Block (EASE_ID) on the A-EASE Layer, must be placed within or arrowed to the easement polygon in at least one representation of each easement.

13.5.2. For each sheet on which an easement ID Block occurs, a schedule containing the relevant information for that easement must also occur. i.e. all relevant information for an easement must be on the same page. Some pages may show different easements and as such would have different schedules.

13.5.3. While easement ID Blocks are required, other labels such as “easement” are permitted where it provides clarity or enhances plan presentation.

13.5.4. All easements must be labelled, in some capacity, on the diagram that defines the subject parcel. ID Blocks and schedules may appear on the sheet that defines the subject parcel or on subsequent sheets in the series.

13.6. The EASEMENT column must contain a unique ID corresponding to the easement ID within the easement polygon.

13.7. The DESCRIPTION column must contain the easement type.

13.8. The AFFECTS column must contain the parcel number that the easement burdens.

13.9. The IN FAVOUR OF column must contain a description of who the easement is in favour of, e.g. a utility provider or adjacent parcel.

13.10. The VIDE column must contain the method of easement creation; “REGISTRATION OF THIS PLAN”, Instrument number, survey plan number or “Proposed”.

14. Curves

14.1. Where they differ, curved boundary rules defined in the Provisional CAD Standard will take precedence over those referred to in the PDS 3.10 *Dimensions of Curved Boundaries*.

14.2. Curve schedules are required when curved boundaries occur on survey plans.

14.2.1. An exception is where a curved boundary is defined by a structure.

14.3. A schedule ID Block (SCHD_ID), on the A-CURV Layer, must be placed adjacent or arrowed to the curve geometry.

14.4. Where a plan also has Easement IDs, the Curve IDs must be unique.

14.5. The CURVE column must contain an ID number corresponding to the schedule ID.

14.6. All other columns must be populated with the relevant information.

15. UTS Plans

15.1. For UTS Plans with multiple floors, multiple representations are required in Model Space.

15.2. For UTS Plans with multiple representations, all representations that do not have an origin point, must be bound by a closed polyline on L-UTS.

15.3. An annotation describing the floor level on A-UTS must be within the closed L-UTS polyline.

- Basement 1, 2, 3... e.g. “BASEMENT”, “BASEMENT 1” or “BASEMENT ONE”
- Ground... e.g. “GROUND” or “GROUND FLOOR”
- Floor 1, 2, 3... e.g. “FIRST FLOOR”, “FLOOR ONE”, “LEVEL 1” or “LEVEL ONE”
- Mezzanine 1, 2, 3... e.g. “MEZZANINE”, “MEZZANINE 1” or “MEZZANINE ONE”

16. Plot Styles

16.1. All drawings must be prepared using a monochrome CTB (Colour dependent plot style table).

17. Appendix A – Layer Naming Structure

The NT Layering standard provides a logical grouping and naming structure for each type of CAD object submitted in a survey plan. Each type of object has been allocated an individual Layer name using a two to three-part structure. e.g. A-PRCL-IDNT for a parcel identifier annotation.

Code	Description
A	Annotation
B	Block
L	Line

Code	Description
ABUT	Abuttals
ADMN	Administrative
AREA	Area
ARRO	Arrows
BRNG	Bearings
BSCL	Bar Scale
CLFF	Cliff
CLR	Centreline River
CONN	Connections
CONT	Continuations
CSTL	Coastal
CURV	Curve Data
DIST	Distance
DNT	Doughnut Link
EASE	Easement
ENLG	Enlargement
EXAG	Exaggerated
GNRL	General Labels
IDNT	Identifier
LGND	Plan diagram legend
MHWL	Mean High Water Level
MLWL	Mean Low Water Level
NOTE	Notes

Code	Description
NRTH	North Point
NTDL	Non-Tidal
OCCU	Occupations
OUT	Wipe Out
PATH	Pathway
POIN	Point
PORT	View Port
PRCL	Parcel
RBNK	Riverbank
RDCL	Road Centreline
ROAD	Roads
SCHD	Schedule
SMRK	Survey Mark
STCK	Stock Route
TDL	Tidal
TICK	Ticks
TRUE	True
TTBL	Title Block / Sheet Layout
UTS	Unit Title Scheme
VIEW	View Port
VINC	Vincula
WDTH	Width
WIPE	Wipeout

18. Appendix B – Layer Standard

Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
A-ABUT	Abuttal Details (parcel number, survey reference or pastoral lease name)	3 (Green)	Optional	Continuous		1.5mm 1.7mm	0.15mm 0.17mm
A-ADMN	Administrative Names (along administrative boundaries)	93 (Green)	Optional	Continuous		2.2mm	0.22mm
A-BRNG	Bearings (annotations along surveyed lines)	40 (Lt Orange)	Optional	Continuous		1.3mm 1.5mm	0.13mm 0.15mm
A-CONT	Continuations (AKA plans to strip form)	104 (Dk Green)	Optional	Continuous		1.7mm	0.17mm
A-CURV	Curve Identifier Block	240 (Red)	Optional	Continuous	SCHD_ID	1.5mm	0.09mm 0.15mm
A-DIST	Distances (annotations along surveyed lines, excludes occupation distances)	8 (Grey)	Optional	Continuous		1.3mm 1.5mm	0.13mm 0.15mm
A-EASE	Easement Identifier Block	1 (Red)	Optional	Continuous	EASE_ID	1.5mm	0.09mm 0.15mm
A-ENLG	Enlargement label (including “not to scale” & “See Enlargement A”)	83 (Green)	Optional	Continuous		1.5mm 1.7mm	0.15mm 0.17mm
A-GNRL	General label (topographical and flora descriptions, occupation distances)	241 (Pink)	Optional	Continuous		1.3mm 1.5mm 1.7mm	0.13mm 0.15mm 0.17mm
A-NOTE	Non plotted Layer for notes	254 (Lt Grey)	Optional	Continuous		1.7mm	0.17mm
A-PRCL-AREA	Parcel Area	160 (Medium Blue)	Optional	Continuous		2.2mm	0.22mm
A-PRCL-IDNT	Parcel Identifiers (parcel number, “common property” and “reserve” notations)	141 (Lt Blue)	Optional	Continuous		2.7mm	0.27mm
A-ROAD	Road Names	71 (LT Green)	Optional	Continuous		2.2mm	0.22mm

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
A-ROAD-WDTH	Road Widths	81 (LT Green)	Optional	Continuous		2.0mm	0.2mm
A-SMRK	Survey Mark Annotations (CRM Name, other survey mark descriptors)	200 (Dk Purple)	Optional	Continuous		1.3mm 1.5mm	0.13mm 0.15mm
A-UTS	UTS Annotations (e.g. floor levels)	91 (Lt Green)	Optional	Continuous		2.7mm	0.27mm
B-ARRO	Arrow	7 (White)	Optional	Continuous	ARROW		0.09mm
B-BSCL	Bar Scale	7 (White)	Paper Space	Continuous	BAR_SCALE_100MM_B BAR_SCALE_100MM_H BAR_SCALE_50MM_B BAR_SCALE_50MM_H BAR_SCALE_40MM_B BAR_SCALE_40MM_H	1.5mm	0.09mm 0.15mm
B-GNRL	Custom Blocks	7 (White)	Optional	Continuous	CUSTOM_1 CUSTOM_2 CUSTOM_3 CUSTOM_4 CUSTOM_5 CUSTOM_6 CUSTOM_7 CUSTOM_8 CUSTOM_9 CUSTOM_10	1.5mm	0.09mm 0.15mm
B-NRTH-POIN	North Point	7 (White)	Paper Space	Continuous	NORTH_POINT	1.5mm	0.09mm 0.15mm

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
B-OCCU	Symbols for Common Occupation (AKA improvements)	7 (White)	Optional	Continuous	F_PW F_ON F_BRICK NT_DPL_FP BRICK_PILLAR WALL_CNR WALL_L WALL_R		0.09mm
B-SCHD-CURV	Curve Schedule	7 (White)	Paper Space	Continuous	SCHD_CURVE_B SCHD_CURVE_H	1.5mm	0.09mm 0.15mm
B-SCHD-EASE	Easement Schedule	7 (White)	Paper Space	Continuous	SCHD_EASEMENT_B SCHD_EASEMENT_H	1.5mm	0.09mm 0.15mm
B-SCHD-LGND	Legend Schedule	7 (White)	Paper Space	Continuous	SCHD_LGND_B SCHD_LGND_H	1.5mm	0.09mm 0.15mm
B-SMRK	Survey Marks	6 (Magenta) [224 (Conc_Block)]	Optional	Continuous	NT_DPL_CRM NT_DPL_GONE NT_DPL_CP NT_DPL_CONC_BLOCK NT_DPL_PEG NT_DPL_RM NT_DPL_REF_TREE NT_DPL_LOCKSPIT NT_DPL_DATUM_POST NT_DPL_CONTROL_STATION NT_DPL_SUN_OBS_STATION NT_DPL_ASTRO_FIX_STATION NT_DPL_TRIG_STATION		0.09mm

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
B-SMRK-EXAG	Survey Marks Exaggerated	12 (Red) [13 (Conc_Block)]	Optional	Continuous	NT_DPL_CRM NT_DPL_GONE NT_DPL_CP NT_DPL_CONC_BLOCK NT_DPL_PEG NT_DPL_RM NT_DPL_REF_TREE NT_DPL_LOCKSPIT NT_DPL_DATUM_POST NT_DPL_CONTROL_STATION NT_DPL_SUN_OBS_STATION NT_DPL_ASTRO_FIX_STATION NT_DPL_TRIG_STATION		0.09mm
B-SMRK-TRUE	Survey Marks True	252 (Dk Grey) [254 (Conc_Block)]	Model Space	Continuous	NT_DPL_CRM NT_DPL_GONE NT_DPL_CP NT_DPL_CONC_BLOCK NT_DPL_PEG NT_DPL_RM NT_DPL_REF_TREE NT_DPL_LOCKSPIT NT_DPL_DATUM_POST NT_DPL_CONTROL_STATION NT_DPL_SUN_OBS_STATION NT_DPL_ASTRO_FIX_STATION NT_DPL_TRIG_STATION		0.09mm
B-TICK	Ticks	50 (Yellow)	Optional	Continuous	TICK		0.09mm
B-TICK-EXAG	Ticks Exaggerated	12 (Red)	Optional	Continuous	TICK		0.09mm
B-TICK-TRUE	Ticks True	252 (Dk Grey)	Optional	Continuous	TICK		0.09mm

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
B-TTBL	Sheet Layout Title Block	7 (White)	Paper Space	Continuous	ADD_NOTES LTO_SURVEY_APPROVAL SURVEY_APPROVAL TITLE_BLOCK_LANDSCAPE TITLE_BLOCK_PORTRAIT	1.3mm 1.5mm 2.5mm 3.0mm 3.2mm 3.5mm 3.7mm 4.0mm 4.5mm	0.09mm 0.13mm 0.15mm 0.25mm 0.3mm 0.32mm 0.35mm 0.37mm 0.4mm 0.45mm
B-VINC	Vinculum	7 (White)	Optional	Continuous	VINC VINC_HALF		0.09mm
L-ABUT	Abuttals Lines	3 (Green)	Model Space	Continuous Superseded Unsurveyed			0.09mm
L-ABUT-EXAG	Abuttals Lines Exaggerated	12 (Red)	Model Space	Continuous Superseded Unsurveyed			0.09mm
L-ABUT-TRUE	Abuttals Lines True	252 (Dk Grey)	Model Space	Continuous Superseded Unsurveyed			0.09mm
L-ADMN	Administrative Boundaries (e.g. Hundred, Town or State)	30 (Orange)	Model Space	Gazetted Town, Hundred, State			0.35mm

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
L-ADMN-EXAG	Administrative Boundaries Exaggerated	12 (Red)	Model Space	Gazetted Town, Hundred, State			0.35mm
L-ADMN-TRUE	Administrative Boundaries True	252 (Dk Grey)	Model Space	Gazetted Town, Hundred, State			0.35mm
L-CLFF	Cliff	150 (Blue)	Model Space	Continuous			0.35mm
L-CLFF-EXAG	Cliff Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-CLFF-TRUE	Cliff True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-CLR	Centreline River	150 (Blue)	Model Space	Continuous			0.35mm
L-CLR-EXAG	Centreline River Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-CLR-TRUE	Centreline River True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-CONN	Connections (to survey marks, across roads etc.)	211 (Pink)	Optional	Hidden2			0.09mm
L-CONN-EXAG	Connections Exaggerated	12 (Red)	Optional	Hidden2			0.09mm
L-CONN-TRUE	Connections True	252 (Dk Grey)	Model Space	Hidden2			0.09mm
L-CSTL	Coastline	150 (Blue)	Model Space	Continuous			0.35mm
L-CSTL-EXAG	Coastline Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-CSTL-TRUE	Coastline True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-DNT	Donut linework (a connection line when a parcel is within a parcel)	200 (Purple)	Model Space	Hidden2			0.09mm
L-DNT-EXAG	Donut Exaggerated linework	12 (Red)	Model Space	Hidden2			0.09mm
L-DNT-TRUE	Donut True linework	252 (Dk Grey)	Model Space	Hidden2			0.09mm

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
L-EASE	Easements	150 (Blue)	Model Space	Hidden			0.09mm
L-EASE-EXAG	Easement Exaggerated	12 (Red)	Model Space	Hidden			0.09mm
L-EASE-TRUE	Easement True	252 (Dk Grey)	Model Space	Hidden			0.09mm
L-GNRL	General (can be used for illustrative purposes)	150 (Blue)	Model Space	Continuous Dashed Hidden2			0.09mm
L-MHWL	Mean High Water Level	150 (Blue)	Model Space	Continuous			0.35mm
L-MHWL-EXAG	Mean High Water Level Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-MHWL-TRUE	Mean High Water Level True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-MLWL	Mean Low Water Level	150 (Blue)	Model Space	Continuous			0.35mm
L-MLWL-EXAG	Mean Low Water Level Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-MLWL-TRUE	Mean Low Water Level True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-NOTE	Non plotted Layer for linework	254 (Lt Grey)	Optional	Continuous			0.09mm
L-NTDL	Non-Tidal	150 (Blue)	Model Space	Continuous			0.35mm
L-NTDL-EXAG	Non-Tidal Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-NTDL-TRUE	Non-Tidal True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-OCCU	Line Layer for Occupation (AKA improvements)	7 (White)	Optional	Continuous Fence			0.09mm
L-PATH	Pathway	150 (Blue)	Model Space	Continuous			0.35mm
L-PATH-EXAG	Pathway Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-PATH-TRUE	Pathway true	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-PRCL	Subject Parcel e.g. Lot, Unit, Section, NT Portion	5 (Blue)	Model Space	Continuous			0.35mm
L-PRCL-EXAG	Subject Parcel Exaggerated	12 (Red)	Model Space	Continuous			0.35mm

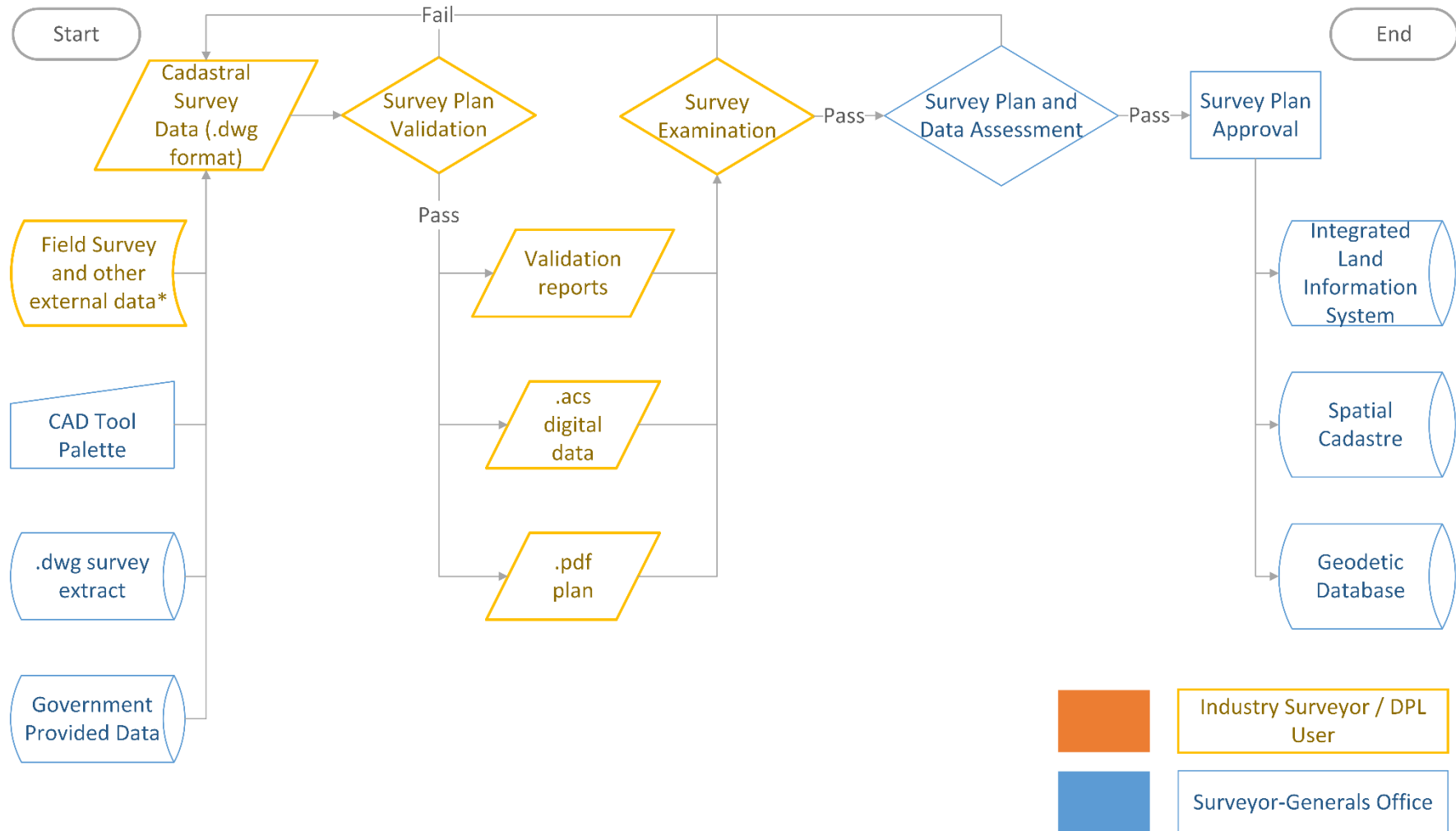
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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
L-PRCL-TRUE	Subject Parcel True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-RBNK	Riverbank	150 (Blue)	Model Space	Continuous			0.35mm
L-RBNK-EXAG	Riverbank Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-RBNK-TRUE	Riverbank True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-RDCL	Surveyed Road Centreline	150 (Blue)	Model Space	Continuous			0.35mm
L-RDCL-EXAG	Surveyed Road Centreline Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-RDCL-TRUE	Surveyed Road Centreline True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-ROAD	Where subject parcel boundaries abut or form a road. Hidden2 used where a road parcel abuts an existing road	143 (Blue)	Model Space	Continuous Hidden2			0.35mm
L-ROAD-EXAG	Road Boundary Exaggerated	12 (Red)	Model Space	Continuous Hidden2			0.35mm
L-ROAD-TRUE	Road Boundary True	252 (Dk Grey)	Model Space	Continuous Hidden2			0.35mm
L-STCK	Stock Route	150 (Blue)	Model Space	Continuous			0.35mm
L-STCK-EXAG	Stock Route Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-STCK-TRUE	Stock Route True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-TDL	Tidal	150 (Blue)	Model Space	Continuous			0.35mm
L-TDL-EXAG	Tidal Exaggerated	12 (Red)	Model Space	Continuous			0.35mm
L-TDL-TRUE	Tidal True	252 (Dk Grey)	Model Space	Continuous			0.35mm
L-UTS	UTS Border (to bound representations of UTS plans that do not have origin points)	91 (Lt Green)	Model Space	Continuous			0.09mm
L-VIEW-PORT	View Port	222 (Purple)	Paper Space	Continuous			Default

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Layer	Object	Colour	Object Location	Linetype	Block Name	Text Height	Weight
L-WIPE-OUT	Wipe Out	255,255,255 (White)	Paper Space	Continuous			Default

19. Appendix C – Digital Plan Lodgement Work Flow



* Other data as directed in the *Survey Practice Directions 2014 Surveys Outside Coordinated Survey Areas* section 47.

20. Appendix D – Linework and Projections

