DP DIGITAL CAD LAYERS V1.4

These layers will continue to update and improve in line with survey requirements and feedback from the profession.

NOTES:

(1) All line(s) or polyline(s) and curved lines(s) or arc(s) annotations (e.g. bearing and distance) should have the annotation anchoring point(s) being the closest

(2) Vinculums cannot be used and Prefix 'PT' should be used for part lots

(3) When annotating the areas, all part lot areas must be inside '()'

(4) Schedules must follow the formats within the template and in same layers they are in.

(5) If a mark type is an Approved Mark or Specified Point, description (desc) is required

(6) Layer names will be used for the data filtering and extraction and will required to be fixed but currently open to any suggestions.

(7) For a mark which references two (or more) corners that have different Origins of survey, then add a description on each reference line to distinguish between the Origins of each reference line. The point for the actual mark will also have an Origin for the placement of the physical mark.
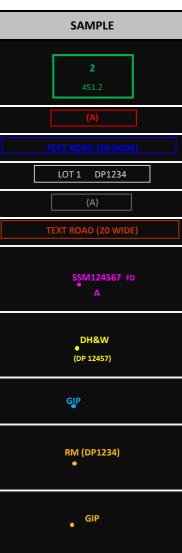
Legend:

[*] Any free text string
R   Required
CR   Conditionally Required
O   Optional *

* If Area, Bearing and distance are missing from the annotation the converter will use the calculated value from the geometry

GEOMETRY
Closed polyline (polygon) or unclosed polyline
Segmented lines or arcs with dimension
Point only
Text Only

ENUM 1
Found
Placed
Gone
Found By Me
Not Found

ENUM 2			
DH&W	Spike	Star Picket	Steel Fence Post
GIP	GIN	SSM	Chiselled Triangle
Wing	Nail	BM	Non Corrodible Bolt
Reference Tree	Peg	TS	Non Corrodible Spike
Tree	PM	Not Marked	Non Corrodible Nail
Approved Mark	Pipe	Occupation	Bench Mark Token
Broad Arrow	Post	MM	Boundary Mark Token
Conc Block	PVC Pipe	GB	Non Corrodible Nail And
DH	Rod	CP	Wing
Bottle	Specified Point	CR	PVC Star Picket
Lockspit Metal	Spike	Witness Mark	Reference Mark Token

	STD_LAYERS NAMES	DESCRIPTION	GEOMETRY	ANNOTATION	REQUIRED	ANNOTATION VALUE	SAMPLE
1	[*]_LOT_NEW_[*]	New lot parcel(s) and lot numbers must be sequential and for Public Reserve or Drainage Reserve It must be annotated.	POLYGON	LOT_NUMBER	R	TEXT STRING	2
				AREA	O	TEXT STRING	451.2
				PURPOSE	CR	TEXT STRING	
2	[*]_ESMT_NEW_[*]	New easement parcel(s) with annotation of description by designation	POLYGON or POLYLINE	DESCRIPTION	R	TEXT STRING	(A)
	[*]_ROAD_NEW_[*]	New road parcel(s) with annotation of road name, type and width	POLYGON	DESCRIPTION	R	TEXT STRING	TEXT ROAD (20 WIDE)
3	[*]_LOT_ADJ_[*]	Existing lot parcel(s) with annotation of lot number and DP number	POLYGON or POLYLINE	LOT	R	TEXT STRING	LOT 1 DP1234
4	[*]_ESMT_EX_[*]	Existing easement parcel(s) with annotation of description by designation	POLYGON or POLYLINE	DESCRIPTION	R	TEXT STRING	(A)
5	[*]_ROAD_ADJ_[*]	Existing road parcel(s) with annotation of road name, type and width	POLYGON or POLYLINE	DESCRIPTION	R	TEXT STRING	TEXT ROAD (20 WIDE)
5 / 6	[*]_SCIMS_[*]	All SCIMS mark(s) and Datum terminals must be annotated with A and B with datum being A to B.	POINT	TYPE & NUMBER	R	TEXT STRING	SSM124567 FD
				MK_STATE	R	ENUM 1	A
				DATUM	CR	TEXT STRING	
7 / 8	[*]_RM_FD_[*]	All Found RM(s) including the Found By Me RM(s). Annotate "BY ME" as DESC for Found By Me marks	POINT	TYPE	R	ENUM 2	DH&W
				ORIGIN	R	TEXT STRING	(DP 12457)
				DESC	CR	TEXT STRING	
9	[*]_RM_PL_[*]	All Placed RM(s)	POINT	TYPE	R	ENUM 2	GIP
				DESC	CR	TEXT STRING	
10	[*]_MK_GONE_[*]	All Gone (Disappeared/Unusable) mark(s) If RM then must annotate RM Either Mark type or Origin must be given	POINT	TYPE	CR	ENUM 2	RM (DP1234)
				ORIGIN	CR	TEXT STRING	
				DESC	O	TEXT STRING	
11	[*]_MK_NOT_FD_[*]	All Not Found mark(s) If RM then must annotate RM Either Mark type or Origin must be given	POINT	TYPE	CR	ENUM 2	GIP
				ORIGIN	CR	TEXT STRING	
				DESC	O	TEXT STRING	

#	Layer Name	Description	Geometry	Attribute	R/O/CR	Type	Symbol
12	[*]_BDYM_FD_[*]	Found Boundary Mark(s)	POINT	TYPE	R	ENUM 2	• DH
				ORIGIN	O	TEXT STRING	
				DESC	CR	TEXT STRING	
13	[*]_BDYM_PL_[*]	Placed or Unmarked Boundary Corner(s) other than placed Peg(s) must state type of marking or unmarked	POINT	TYPE	CR	ENUM 2	GIN
				DESC	CR	TEXT STRING	
14	[*]_BENCH_MARK_[*]	Bench Mark(s)	POINT	RL	R	TEXT STRING	RL 34.5
				DESC	O	TEXT STRING	
15	[*]_ROAD_[*]	Road frontage of subject lot(s). Each lot must have own road frontage(s). Any desc must be inside the round brackets, ( )	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
16	[*]_LOT_BDY_[*]	Boundary lines of subject lot parcel(s) that are not abutting road. Any desc must be inside the round brackets, ( ) E.g. (21.54 BY DP 5487)	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
17	[*]_ESMT_BDY_[*]	Easement Boundary lines of new easement parcel(s) that require dimensioning Any desc must be inside the round brackets, ( ) E.g. (21.54 BY DP 5487)	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
18	[*]_CONNECTION_[*]	All other connections/lines which require dimensions and part of the survey Any desc must be inside the round brackets, ( ) E.g. (21.54 BY DP 5487)	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
19	[*]_CONTROL_TRAV_[*]	Traverse(s) between the control marks These are not calculated MGA ground values but Actual Surveyed data. Any desc must be inside the round brackets, ( ) E.g. (Bearing Only)	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
20	[*]_REFERENCE_[*]	Connection(s) from RM to corner including SCIMS mark(s) used as RM Any desc must be inside the round brackets, ( ) E.g. (DP124578)	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
21	[*]_NAT_SVY_[*]	Traverse(s) between the two boundary points of lot(s) with surveyed natural boundary Any desc must be inside the round brackets, ( )	LINE	BEARING	O	TEXT STRING	127°40'30" 20.375
				DISTANCE	O	TEXT STRING	
				DESC	O	TEXT STRING	
22	[*]_NAT_ILL_[*]	Line(s) of natural boundary and no bearing and distance to be annotated	LINE	DESCRIPTION	R	TEXT STRING	MYALL CREEK >
				DIRECTION	CR	TEXT STRING	
23	[*]_OCC_FCE[*]	Occupations - fences	POLYGON or POLYLINE	DESCRIPTION	R	TEXT STRING	20 YR OLD FENCE
24	[*]_OCC_WALL_[*]	Occupations - walls	POLYGON or POLYLINE	DESCRIPTION	R	TEXT STRING	20 YR OLD BRICK WALL
25	[*]_OCC_BUILD_[*]	Occupations - buildings	POLYGON or POLYLINE	DESCRIPTION	R	TEXT STRING	BRICK GARAGE
26	[*]_OFFSET_[*]	Any offset information	LINE	DESCRIPTION	R	TEXT STRING	(0.07)
27	[*]_COORD_SCH_[*]	Schedule of Coordinates (This has to be in the format as per the template without any trailing blank rows)	TEXT	DESCRIPTION	R	TEXT STRING	
28	[*]_ESMT_SCH_[*]	Schedule of easements (This has to be in the format as per the template without any trailing blank rows)	TEXT	DESCRIPTION	R	TEXT STRING	
29	[*]_SL_SCH_[*]	Schedule of short lines (This has to be in the format as per the template without any trailing blank rows)	TEXT	DESCRIPTION	R	TEXT STRING	SHORT LINE SCHEDULE