

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 18.98491 dms
Longitude 114 01 41.52556 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 63198

Tablet Markings 661-0.130

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1075.282 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 93-11-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661377.349 m
Easting -1975.712 m
Convergence -0 01 19.00 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
167940 230235	212.051	1	38/1	0.999733	89 44 57.08	3.0	0.00
106229 658-0.155	383.551	1	26/1	0.999735	204 01 20.81	2.2	0.00
262428 661-0.132	442.651	1	25/1	0.999735	273 42 15.55	2.1	0.00
258434 661-0.139	573.519	1	23/1	0.999734	341 28 28.15	1.9	0.00
149104 F40	609.183	1	20/1	0.999735	283 09 28.11	1.7	0.00
174532 661-0.145	620.731	1	19/1	0.999736	272 13 21.09	1.6	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-03

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.34 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-07-06

Originating Project 75115 75115
Published 83-05-13 83-05-13

ON THE EAST SIDE OF CUL-DE-SAC IN FRONT OF 1430 - 40 TH AVENUE N.E.; 0.30 M
EAST OF F.O.C. ON CURVE; 32.0 M EAST OF WEST WALL OF BUILDING PRODUCED SOUTH;
6.4 M SOUTH OF F.O.C. SOUTH SIDE PRODUCED EAST.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1975-12-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	1993-11-15	1994-02-03
MARKER REPORTED IN GOOD CONDITION	1993-02-25	1993-07-06
MARKER REPORTED IN GOOD CONDITION.	1988-10-25	1988-12-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 0 130

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661+00.130 56614 0 130