

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 07.79636 dms  
Longitude 114 04 18.03735 dms  
Horz Class INTEGRATED , ORDER 4

Marker Installed 71-03

ASCM 39149

Tablet Markings 658-4.138

Date Printed 2025-08-03  
Last Updated 2015-01-05

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1082.938 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-11-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5659179.715 m  
Easting -5023.611 m  
Convergence -0 03 20.73 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
255091 658-4.149	189.550	1	69/2	0.999733	6 31 26.64	3.5	0.00
489484 658-4.280	194.250	1	51/2	0.999732	174 03 02.84	3.4	0.00
365080 658-4.276	286.131	1	31/1	0.999735	92 10 34.82	2.5	0.00
68684	333.401	1	346/4	0.999731	288 21 54.55	13.5	0.00
121350 658-4.148	399.789	1	30/2	0.999732	299 40 38.08	2.6	0.00
270413 658-4.239	433.660	1	23/1	0.999733	44 49 05.00	1.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.23 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE  
FLUSH WITH GROUND, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 71101 71101  
Published 71-03-01 71-03-01

in new concrete sidewalk;  
ON NW COR OF 18 AVE AND 4 ST NW; 3.3M N OF F.O.C. PROD E;  
3.4M W OF F.O.C. PROD S; 2.0M W OF CB.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project 98015  
Published 99-10-21  
Revising Project  
Published

NON COORDINATE REVISIONS

1972-01-25 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	2014-11-12	2015-01-05
MARKER REPORTED IN GOOD CONDITION	1993-04-14	1993-07-07
MARKER REPORTED IN GOOD CONDITION - CAP EFFACED	1992-11-27	1993-02-02
MARKER REPORTED IN GOOD CONDITION - CAP EFFACED	1991-07-08	1992-01-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 138

00-06-15	0.015 m	REVISED ELEVATION-BETTER INTEGRATION
99-10-21	0.026 m	REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.138 56584 4 138