

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 32.14335 dms  
Longitude 114 07 35.77121 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 15883

Tablet Markings 646-8.66

Date Printed 2025-08-03  
Last Updated 2018-02-13

Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1117.577 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646959.508 m  
Easting -8894.197 m  
Convergence -0 05 54.00 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
2519 646-8.210	139.164	1 86/2	0.999723	149 49 06.50	7.0	0.00
34751 646-8.65	174.941	1 57/2	0.999729	78 30 06.32	3.9	0.00
202721 646-8.67	216.318	1 51/2	0.999731	269 47 42.72	4.1	0.00
299347 646-8.211	221.078	1 54/2	0.999726	106 43 35.79	4.2	0.00
132415 646-8.146	228.691	1 66/2	0.999726	182 27 04.25	5.3	0.01
158261 646-8.212	235.885	1 51/2	0.999728	237 02 43.93	4.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-08

Meridian Defl,XI(+N) 3.9 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.93 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
3CM BELOW GROUND LEVEL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

Originating Project 74116 74116  
Published 83-04-29 83-04-29

LOCATED ON THE S/S OF CEDARBRAE DRIVE S.W.;  
0.30M SOUTH OF B.O.W. S/S CEDARBRAE DRIVE;  
ON THE W. P.L. OF HOUSE #2735 CEDARBRAE DRIVE.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1974-07-24 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  
MARKER REPORTED IN GOOD CONDITION

1990-05-08 1991-03-08  
1988-05-17 1988-07-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 66

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.66 56464 8 66