

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 15.32089 dms
Longitude 114 06 59.96598 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 2659
Tablet Markings 646-8.134
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1110.822 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: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5646438.560 m
Easting -8196.294 m
Convergence -0 05 26.16 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

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)
111468 646-4.287	172.307	1	64/2	0.999724	90 07 27.83	3.8	0.00
104687 646-4.331	237.247	1	59/2	0.999727	112 48 52.99	4.5	0.00
113621 646-8.142	293.057	1	44/2	0.999731	267 25 50.91	2.5	0.00
236869 643-8.38	329.389	1	39/2	0.999730	162 37 39.26	3.4	0.01
268185 646-4.286	331.897	1	36/2	0.999727	34 16 39.09	3.1	-0.01
88773 646-4.329	338.439	1	41/2	0.999729	109 55 59.65	3.2	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.9 s	2 s
Prime Vert Defl,ETA(+E)	6.8 s	2 s
Geoid_Ellip Separation	-15.94 m	1 m

MARKER TYPE

Updated: 1991-03-08

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

COORDINATE HISTORY

	HORZ	VERT
Originating Project	77030	77030
Published	78-01-17	78-01-17
Revising Project	NAD83	98017
Published	94-05-24	01-02-07
Revising Project		98015
Published		99-10-21
Revising Project		
Published		

MARKER LOCATION

Updated: 1991-03-08

LOCATED ON THE NORTH SIDE OF BRAESIDE DRIVE AND EAST OF 24 STREET;
0.05M NORTH OF B.O.W. N/S BRAESIDE DRIVE;
0.45M SOUTH OF FROST FENCE;
72.70M EAST OF B.O.W. E/S 24 STREET PROD. SOUTH.

NON COORDINATE REVISIONS

1978-01-31 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
1990-05-08	1991-03-08
1988-08-08	1988-09-09
1988-04-28	1988-05-26

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION.
MARKER REPORTED IN GOOD CONDITION

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 8 134

VERT

01-02-07 -0.011 m ELEVATION REVISED AND REINTEGRATED
99-10-21 0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-08.134 56464 8 134