

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 10.42481 dms  
Longitude 114 08 02.03669 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 34207  
Tablet Markings 661-8.90  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1138.662 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-06-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662974.977 m  
Easting -9377.660 m  
Convergence -0 06 15.16 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
209791 661-8.174	121.357	1 82/2	0.999725	64 50 11.78	7.2	0.00
192450 661-8.165	163.885	1 67/2	0.999725	359 49 16.68	5.0	0.00
229476 661-8.166	221.410	1 50/2	0.999725	349 06 46.58	4.0	-0.01
81034 661-8.92	227.033	1 57/2	0.999727	207 12 08.03	4.7	0.00
285007 661-8.172	346.926	1 35/2	0.999722	6 56 47.12	2.7	-0.01
229682 661-8.106	361.744	1 33/2	0.999725	124 18 56.56	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-17

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.5 s 2 s  
Geoid\_Ellip Separation -16.14 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-12

Originating Project 71105 71105  
Published 71-10-21 71-10-21

MON IS LOCATED ON THE NORTH EAST CORNER OF BARRETT DR AND BANNERMAN DR NW;  
2.3 M N OF B.O.W. N/S PRODUCED W; 1.6 M E OF B.O.W. E/S PRODUCED S; 1.0 M SW OF  
B.O.W. ON CURVE; 5.5 M NW OF SINGLE CB.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1971-12-10 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  
MARKER REPORTED IN GOOD CONDITION.

1993-06-18 1993-11-17  
1989-03-14 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 90

00-06-15

0.049 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.90 661-08 90