

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 06.57964 dms  
Longitude 114 09 19.67575 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 55327  
Tablet Markings 664-8.82  
Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1170.579 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-11-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664713.117 m  
Easting -10884.404 m  
Convergence -0 07 15.68 dms  
Station Ellipsoid Factor 0.999819  
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
144642 664-8.99	127.163	1	86/2 0.999718	347 52 19.21	4.6	0.00
294173 664-8.83	211.508	1	61/2 0.999721	285 43 54.44	4.4	0.00
18879 664-8.52	230.852	1	48/2 0.999721	145 16 58.93	3.3	0.01
46276 664-8.84	348.312	1	40/2 0.999719	307 54 52.55	3.5	-0.01
176545 664-8.64	358.727	1	39/2 0.999717	72 14 05.06	3.2	0.00
90688 664-8.86	359.778	1	44/2 0.999717	323 09 42.15	3.7	-0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -16.12 m 1 m

MARKER TYPE

Updated: 1994-02-03

ASC BRASS TABLET SET IN CONC ON TOP OF CURB.  
FLUSH WITH GROUND.

COORDINATE HISTORY

Originating Project 81041 81041  
Published 83-05-12 83-05-12

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

MARKER LOCATION

Updated: 1983-05-09

SW COR OF EDMONT BLVD AND EDGEDALE DR NW; 3.3M W OF F.O.C. W,  
PRODUCED N; 6.8M S OF B.O.W. S, PRODUCED E; 2.13M S. OF FIRE HYDRANT.

NON COORDINATE REVISIONS

1983-05-09 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, CAP EFFACED.  
MARKER REPORTED IN GOOD CONDITION

2019-11-19 2020-01-09  
1993-11-23 1994-02-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 82

VERT

00-06-15

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 8 82