

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 49.58199 dms  
Longitude 114 09 36.17188 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 31534

Tablet Markings 655-8.195

Date Printed 2025-08-03  
Last Updated 2021-11-15

Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1144.243 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-10-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5656772.673 m  
Easting -11222.474 m  
Convergence -0 07 28.07 dms  
Station Ellipsoid Factor 0.999823  
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
287326 655-8.194	114.581	1	96/2	0.999717	94 30 20.93	5.6	0.00
193987 655-8.198	170.789	1	76/2	0.999728	282 29 28.48	5.2	0.00
158774 655-8.197	215.416	1	74/2	0.999725	201 13 27.15	6.2	0.01
23721 655-8.189	222.879	1	58/2	0.999724	49 26 09.99	5.0	0.00
129999 655-8.153	295.963	1	54/2	0.999725	287 50 17.95	4.6	0.00
82818 655-8.177	309.756	1	52/2	0.999723	177 48 43.69	3.7	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-05-10

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -16.01 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-25

Originating Project 72107 72107  
Published 83-03-03 83-03-03

ON W/S OF RD IN LINE WITH A E-W ASPHALT WALKWAY S/S OF HOUSE No.80 WESTMINSTER  
DR SW; 0.50 M E OF B.O.W.; 1.2 M S OF LT.S.; 2.4 M S OF WALL S/S HOUSE PROD.E.

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

NON COORDINATE REVISIONS

1972-05-10 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

1992-10-21 1993-01-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 195

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.195 56554 8 195