

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 32.48234 dms  
Longitude 114 09 25.85247 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 65995  
Tablet Markings 655-8.229  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 008  
Marker Condition GOOD 92-11-23

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1127.424 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658097.839 m  
Easting -11018.649 m  
Convergence -0 07 20.12 dms  
Station Ellipsoid Factor 0.999826  
Station Combined Factor 0.999727

| ASCM Tablet<br>To Markings | Horizontal Distance<br>(m) (cm) | Std Dev<br>Order | PPM/<br>Factor | Grid/<br>Bearing<br>(dms) | Grnd<br>Dev<br>(s) | T-t<br>Corr<br>(s) |
|----------------------------|---------------------------------|------------------|----------------|---------------------------|--------------------|--------------------|
| 66878 655-8.231            | 164.302                         | 1 103/2          | 0.999731       | 171 41 58.24              | 5.3                | 0.00               |
| 281071 B18                 | 182.735                         | 1 49/2           | 0.999729       | 76 51 17.68               | 2.7                | 0.00               |
| 205955 655-8.246           | 221.655                         | 1 72/2           | 0.999731       | 113 53 57.66              | 5.7                | 0.00               |
| 47928 655-8.245            | 229.625                         | 1 78/2           | 0.999730       | 136 31 50.99              | 6.1                | 0.00               |
| 137083 655-8.244           | 303.360                         | 1 56/2           | 0.999729       | 139 53 04.35              | 4.7                | 0.01               |
| 150383 655-8.247           | 340.527                         | 1 47/2           | 0.999730       | 121 30 54.94              | 3.8                | 0.00               |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 70107 70107  
Published 70-12-23 70-12-23

ON EDGE OF HILL N OF HOUSE No318 WILDWOOD DR SW; 29.7 M N OF E-W P/L STEEL  
FENCE N/S OF HOUSE; 3.6 M W OF THE E WALL OF HOUSE PROD N.

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

NON COORDINATE REVISIONS

1970-12-23 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

1992-11-23 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 229

00-06-15

0.010 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.229 56554 8 229