

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 07.67570 dms  
Longitude 114 04 01.66606 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03  
Date Printed 2025-08-03  
Last Updated 2017-03-20

ASCM 1123  
Tablet Markings D48  
Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004  
Marker Condition GOOD 16-03-31

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1070.899 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 5653613.788 m  
Easting -4709.957 m  
Convergence -0 03 07.86 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

| ASCM Tablet<br>To Markings | Horizontal Distance<br>(m) (cm) | Std Dev<br>Order | Grid/ Grnd<br>Factor | Grid<br>Bearing<br>(dms) | Std<br>Dev<br>(s) | T-t<br>Corr<br>(s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 284398 2118.23             | 137.938                         | 1 101/2          | 0.999740             | 140 42 47.19             | 8.1               | 0.00               |
| 184234 D49A                | 164.142                         | 1 103/2          | 0.999736             | 267 08 25.01             | 4.2               | 0.00               |
| 137562 D46                 | 250.909                         | 1 44/2           | 0.999733             | 333 57 35.29             | 2.9               | 0.00               |
| 182469 2118.12             | 310.808                         | 1 42/2           | 0.999738             | 74 35 54.74              | 3.4               | 0.00               |
| 66308 2118.22              | 332.821                         | 1 54/2           | 0.999739             | 93 17 05.02              | 4.5               | 0.00               |
| 176933 D47                 | 334.800                         | 1 39/2           | 0.999735             | 297 03 04.23             | 3.3               | 0.00               |

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.17 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
3 CM BGL

COORDINATE HISTORY

HORZ

VERT

Originating Project 69104 69104  
Published 70-06-24 70-06-24

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98014  
Published 99-08-16  
Revising Project  
Published

MARKER LOCATION

Updated: 1993-01-18

ON W/S OF RD. ACROSS FROM HOUSE # 3940- 1A ST. S.W.; 4.4 M. W OF F.O.C.;  
8.0 M. S OF FENCE ON N/S OF HOUSE PROD. W.; 6.7 M. S OF N. WALL OF HOUSE  
PROD. W.

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED AS CAP EFFACED  
MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

2016-03-31 2017-03-15  
1991-12-13 1993-01-18  
1988-04-08 1988-07-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 50

VERT

01-02-07 0.006 m ELEVATION REVISED AND REINTEGRATED  
99-08-16 0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 50