

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 56.51335 dms  
Longitude 113 56 58.51761 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2007-06-25

ASCM 28324  
Tablet Markings 658+4.131  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1072.629 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5658829.839 m  
Easting 3533.436 m  
Convergence 0 02 21.17 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
274431 658+4.141	111.359	1	144/3	0.999730	176 28 00.18	9.7 0.00
273284 658+4.130	208.386	1	58/2	0.999735	94 46 36.88	4.8 0.00
172692 658+4.148	209.046	1	62/2	0.999735	344 57 45.83	4.0 0.00
219931 658+4.139	282.512	1	57/2	0.999734	176 49 49.76	3.7 0.00
33316 658+4.140	318.664	1	47/2	0.999734	185 49 37.34	3.4 0.00
29884 658+4.138	344.314	1	44/2	0.999734	138 39 53.63	3.0 0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 4.1 s 2 s  
Geoid\_Ellip Separation -16.43 m 1 m

MARKER TYPE

Updated: 2007-06-25

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

COORDINATE HISTORY

Originating Project 76019 76019  
Published 76-10-31 76-10-31

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 2007-06-25

LOCATED ON THE S/BDY OF HOUSE #107 - MANORA CR NE; 0.1 M NW OF BOW ON CURVE ON S  
/BDY (HEDGE) OF HOUSE #107; 1.9 M S OF S/WALL OF HOUSE #107.

NON COORDINATE REVISIONS

1976-12-01 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	2006-10-17	2007-06-25
MARKER REPORTED IN GOOD CONDITION	1989-07-28	1990-05-03
MARKER REPORTED IN GOOD CONDITION.	1988-09-27	1988-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 131

VERT

99-10-21

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.131 56583 4 131