

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 49.89432 dms  
Longitude 113 58 23.93505 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03  
Date Printed 2025-08-03  
Last Updated 2007-06-22

ASCM 22079  
Tablet Markings 658+4.282  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1086.637 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660478.420 m  
Easting 1869.773 m  
Convergence 0 01 14.74 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
116848 658+4.278	191.291	1	68/2 0.999731	226 23 09.05	5.7	0.00
115352 658+4.277	204.252	1	73/2 0.999732	195 05 26.09	6.1	0.00
185694 658+4.279	228.593	1	61/2 0.999733	242 38 21.50	4.9	0.00
80069 658+4.120	247.828	1	56/2 0.999732	93 55 02.09	4.9	0.00
239251 658+4.121	273.349	1	48/2 0.999733	63 59 27.52	4.0	0.00
218636 658+4.119	290.539	1	48/2 0.999733	126 54 33.80	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 4.4 s 2 s  
Geoid\_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ VERT

Originating Project 78010 78010  
Published 83-08-03 83-08-03

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

MARKER LOCATION

Updated: 2007-06-22

LOCATED ON THE SOUTH EAST CORNER OF RUNDLESON WAY AND 300 RUNDLESON PLACE  
NORTH EAST; 0.1 M SSE OF BOW ON CURVE; 2.6 M E OF E/BOW PROD N; 2.1 M S OF S BOR  
C PROD W; IN FRONT OF HOUSE #139.

NON COORDINATE REVISIONS

1978-12-06 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  
MARKER REPORTED IN GOOD CONDITION.

2007-01-25 2007-06-22  
1988-10-12 1988-11-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 282

VERT

99-10-21

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.282 56583 4 282