

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 30.79912 dms  
Longitude 113 55 58.32148 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03  
Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 59022  
Tablet Markings 655+8.87  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1066.831 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658036.217 m  
Easting 4706.170 m  
Convergence 0 03 07.97 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (dms)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
169904 655+8.75	115.174	1	104/2	0.999738	350 11 48.46	5.7	0.00
210617 655+8.86	205.349	1	68/2	0.999737	125 16 55.63	5.6	0.00
10819 658+8.79	237.847	1	55/2	0.999737	4 33 21.58	4.2	0.00
133876 655+8.91	254.411	1	55/2	0.999736	156 38 45.28	4.5	0.00
167791 658+8.80	267.796	1	52/2	0.999735	318 53 13.61	3.8	0.00
222067 655+8.69	285.705	1	59/2	0.999734	257 23 46.69	5.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-07-12

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 3.8 s 2 s  
Geoid\_Ellip Separation -16.44 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-07-12

Originating Project 79034 79034  
Published 83-08-18 83-08-18  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON THE NORTH EAST CORNER OF NORTH EAST CUL-DE-SAC OF ABINGER CRESCENT  
NORTH EAST; 0.02 M NORTH EAST OF BACK OF WALK ON CURVE; 5.6 M WEST OF BACK OF  
WALK ON THE EAST SIDE OF CRESCENT PRODUCED NORTH; 1.0 M NORTH OF BACK OF WALK  
OF CRESCENT PRODUCED EAST; IN FRONT OF DUPLEX #192 AND #196 OF LOT #43.

NON COORDINATE REVISIONS

1980-06-20 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.

1989-02-20 1989-07-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 8 87

99-10-21

0.008 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+08.87 56553 8 87