

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 47.16251 dms  
Longitude 113 55 52.59466 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 38125

Tablet Markings 658+8.74

Date Printed 2025-08-03  
Last Updated 2007-06-20

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1065.131 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658541.941 m  
Easting 4817.216 m  
Convergence 0 03 12.44 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
132373 658+8.75	138.479	1	51/2 0.999739	251 25 39.95	3.5	0.00
275347 658+8.77	166.588	1	66/2 0.999734	154 32 56.69	5.2	0.00
184150 658+8.73	171.151	1	53/2 0.999732	57 19 32.65	3.5	0.00
173948 658+8.69	261.377	1	46/2 0.999738	146 20 21.72	3.9	0.00
10819 658+8.79	284.132	1	39/2 0.999735	198 55 53.02	3.2	0.00
24612 658+8.92	325.684	1	34/2 0.999735	103 48 39.23	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 3.8 s 2 s  
Geoid\_Ellip Separation -16.45 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-02

Originating Project 78003 78003  
Published 83-08-19 83-08-19

LOCATED IN THE SOUTH EAST CORNER OF ABBOTSFORD DRIVE AND ABOYNE WAY NORTH  
EAST; AT INTERSECTION OF BACK OF WALK.

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

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.

1988-10-03 1988-11-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 74

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.74 56583 8 74