

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 49.94584 dms
Longitude 113 56 21.14197 dms
Horz Class INTEGRATED , ORDER 2

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

ASCM 10256
Tablet Markings 658+8.87
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1065.530 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 5658627.456 m
Easting 4261.302 m
Convergence 0 02 50.24 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
175364 658+8.28	146.334	1 109/2	0.999740	217 03 17.39	8.9	0.00
211797 658+8.84	166.461	1 78/2	0.999732	72 05 59.07	4.9	0.00
84442 658+8.29	173.057	1 92/2	0.999737	250 40 57.77	7.1	0.00
292581 658+8.78	188.987	1 79/2	0.999735	348 38 16.69	6.9	0.00
246397 658+8.88	200.783	1 60/2	0.999738	182 16 31.90	5.0	0.00
234880 658+8.34	202.120	1 74/2	0.999735	17 54 13.53	5.8	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) 3.9 s 2 s
Geoid_Ellip Separation -16.44 m 1 m

MARKER TYPE

Updated: 1980-05-16

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

Originating Project 79013 79013
Published 83-08-19 83-08-19

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

MARKER LOCATION

Updated: 1988-11-03

LOCATED ON THE WEST SIDE OF MAITLAND HILL NORTH EAST - WEST OF MAITLAND GREEN;
0.1 M WEST OF BACK OF WALK WEST ON CURVE; IN LINE WITH THE SOUTH PROPERTY
LINE IN LANE; NORTH PROPERTY LINE OF HOUSE #371 - MAITLAND HILL.

NON COORDINATE REVISIONS

1980-05-16 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 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 8 87

VERT

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.87 56583 8 87