

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 39.99589 dms
Longitude 113 56 25.23979 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 54999

Tablet Markings 658+8.63

Date Printed 2025-08-03
Last Updated 2005-08-02

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1064.808 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-09-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5658319.942 m
Easting 4181.764 m
Convergence 0 02 47.04 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)
246397 658+8.88	128.715	1 117/2	0.999730	33 47 28.79	8.4	0.00
191700 655+8.55	149.092	1 47/2	0.999736	186 34 27.03	4.0	0.00
175364 658+8.28	191.007	1 42/2	0.999732	357 24 49.00	3.6	0.00
274126 658+8.65	249.922	1 48/2	0.999735	89 50 23.78	4.0	0.00
84442 658+8.29	263.987	1 38/2	0.999735	341 30 07.55	3.1	0.00
10256 658+8.87	317.718	1 47/2	0.999735	14 30 05.96	3.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl, XI(+N) 2.8 s 2 s
Prime Vert Defl, ETA(+E) 3.9 s 2 s
Geoid_Ellip Separation -16.43 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1992-11-23

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

LOCATED ON THE SOUTH EAST CORNER OF MAITLAND DRIVE AND MADIGAN DRIVE S.E.
3.2 M. S OF B.O.W. ON S/S PROD. W.; 0.05 M. E OF B.O.W.; 0.60 M. N OF
N/S WALL OF HOUSE #6004 MADIGAN DR. PROD. WEST;

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

NOTE: ELEVATION SHOWN IS ADOPTED FROM COMBINED VERTICAL ADJUSTMENT OF
PROJECTS #84020 AND #84033, MARCH '85.

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.

1992-09-22 1992-11-23
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 63

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.63 56583 8 63