

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 40.11790 dms
Longitude 113 58 04.85774 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 16352

Tablet Markings 658+4.84

Date Printed 2025-08-03
Last Updated 2016-04-08

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1077.976 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658322.505 m
Easting 2242.023 m
Convergence 0 01 29.56 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
175745 658+4.78	163.923	1	55/2	0.999737	7 05 33.60	3.9	0.00
16790 658+4.90	197.610	1	40/2	0.999735	280 55 23.79	3.5	0.00
263616 655+4.106	217.566	1	37/1	0.999735	219 48 59.15	3.1	0.00
46524 658+4.85	245.901	1	37/2	0.999735	92 39 27.56	3.1	0.00
72751 658+4.77	249.792	1	36/2	0.999734	359 17 39.27	2.9	0.00
233189 658+4.79	251.891	1	40/2	0.999735	47 10 31.79	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-10-31

Originating Project 76102 76102
Published 76-10-31 76-10-31

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

LOCATED ON THE NORTH WEST CORNER OF MARCOMBE DRIVE AND MARCOMBE WAY NORTH EAST; 15.3' SOUTH OF BACK OF WALK NORTH OF MARCOMBE WAY PRODUCED WEST; 0.3 M EAST OF BACK OF WALK ON THE WEST SIDE OF MARCOMBE DRIVE SOUTH EAST; 1.0 M WEST OF CATCH BASIN; 0.5 M NORTH OF THE NORTH PROPERTY LINE OF HOUSE #923 - MARCOMBE DRIVE NORTH EAST.

NON COORDINATE REVISIONS

1976-12-01 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.

1988-09-26 1988-10-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 84

99-10-21

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.84 56583 4 84