

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 50.53070 dms
Longitude 113 57 33.77280 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

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

ASCM 37416

Tablet Markings 658+4.73

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1072.849 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 5658644.554 m
Easting 2847.125 m
Convergence 0 01 53.74 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
265843 658+4.178	204.249	1 49/2	0.999734	201 49 45.24	4.3	0.00
153916 658+4.71	226.308	1 49/2	0.999734	306 04 33.62	3.9	0.00
49338 658+4.143	239.281	1 38/2	0.999732	157 10 12.69	3.1	0.00
105288 658+4.81	311.219	1 39/2	0.999735	199 39 18.94	3.2	0.00
35709 658+4.80	364.401	1 30/1	0.999736	243 17 25.98	2.4	0.00
135046 658+4.82	379.755	1 29/1	0.999735	213 31 31.76	2.5	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) 4.2 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

MARKER TYPE

Updated: 1976-12-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ VERT

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

MARKER LOCATION

Updated: 1988-10-31

LOCATED ON THE NORTH EAST CORNER OF MARDALE WAY AND MARDALE WAY (EAST LEG);
0.2' EAST OF BACK OF WALK ON CURVE; 9.3' EAST OF BACK OF WALK EAST OF MARDALE
WAY PRODUCED SOUTH; 19.5' NORTH WEST OF STORM BACK DOUBLE CATCH BASINS ON
CURVE; IN LINE WITH BACK OF WALK NORTH OF MARDALE WAY PRODUCED 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

OLD ASC # 56583 4 73

VERT

99-10-21

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.73 56583 4 73