

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 20.59452 dms  
Longitude 113 57 40.30869 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2021-11-15

ASCM 62349  
Tablet Markings 658+4.102  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1084.811 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5659573.445 m  
Easting 2719.378 m  
Convergence 0 01 48.67 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
162925 658+4.99	129.507	1	85/2	0.999735	316 55 23.65	6.5	0.00
171546 658+4.309	163.066	1	110/2	0.999733	227 35 01.42	6.9	0.00
40832 658+4.103	184.762	1	54/2	0.999730	84 53 40.74	4.7	0.00
158410 658+4.310	188.755	1	101/2	0.999733	200 27 09.86	8.3	0.00
48801 658+4.315	192.189	1	104/3	0.999735	152 53 29.40	7.7	0.00
240390 658+4.98	213.417	1	66/2	0.999731	296 45 57.49	5.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

Originating Project 76030 76030  
Published 76-03-01 76-03-01

LOCATED ON THE SOUTH EAST CORNER OF 50 STREET AND RUNDLEHORN CRESCENT NORTH  
EAST SOUTH LEG AT HOUSE #103; 0.1 M SE OF BOW ON CURVE; 2.4 M E OF E/BOW PROD N;  
3.8 M S OF S/BOW PROD W.

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

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  
MARKER REPORTED IN GOOD CONDITION.

2007-01-26 2007-06-22  
1988-09-29 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 102

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.102 56583 4 102