

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 48.52769 dms  
Longitude 113 59 55.03315 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 3921

Tablet Markings 658+4.28

Date Printed 2025-08-03  
Last Updated 2016-03-21

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1095.918 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-09-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658581.878 m  
Easting 96.708 m  
Convergence 0 00 03.86 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999731

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)
158717 G26	178.742	1	45/2	0.999729	280 11 51.83	3.8	0.00
297770 658+4.29	188.902	1	37/1	0.999730	177 20 55.06	2.6	0.00
55426 G28	266.789	1	37/2	0.999728	218 31 03.10	2.9	0.00
248237 G24	285.714	1	49/2	0.999731	9 59 20.17	3.9	0.00
119560 G22	414.552	1	24/1	0.999731	36 59 06.11	2.0	0.00
259614 658+4.303	416.993	1	31/2	0.999732	119 33 57.68	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-01-16

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 4.7 s 2 s  
Geoid\_Ellip Separation -16.35 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED

COORDINATE HISTORY HORZ VERT

Originating Project 73123 73123  
Published 74-04-23 74-04-23

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

Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 2016-03-21

LOCATED ON THE WEST SIDE OF MORaine ROAD AND NORTH OF 10 AVENUE; 0.7 M WEST OF  
FACE OF CURB ON THE WEST SIDE OF MORaine ROAD ON CURVE; 8.0 M NORTH OF THE  
SOUTH PROPERTY LINE OF HYATT STONE & TILE; 3.7 M WEST OF FACE OF CURB ON THE  
EAST SIDE OF MORaine ROAD TANGENT PRODUCED NORTH; EAST BOUNDARY OF HYATT STONE  
& TILE.

NON COORDINATE REVISIONS

1974-01-16 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	2015-09-03	2016-03-21
MARKER REPORTED IN GOOD CONDITION	1989-06-26	1990-05-03
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 28

VERT

99-10-21

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.28 56583 4 28