

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 41.02074 dms
Longitude 113 58 17.30416 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 21105
Tablet Markings 658+4.275
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1086.291 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5660204.278 m
Easting 1998.941 m
Convergence 0 01 19.90 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
174391 658+4.180	113.518	1 97/2	0.999725	81 38 24.23	5.3	0.00
218636 658+4.119	143.450	1 84/2	0.999727	45 57 13.60	6.0	0.00
215863 658+4.182	149.653	1 80/2	0.999728	126 43 05.40	6.3	0.00
115352 658+4.277	197.970	1 66/2	0.999733	292 53 28.12	5.7	0.00
78782 658+4.117	257.519	1 47/2	0.999729	92 27 41.43	3.0	0.00
171868 658+4.183	268.495	1 52/2	0.999731	109 39 06.94	3.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 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 78010 78010
Published 83-08-03 83-08-03

LOCATED ON THE NORTH EAST CORNER OF 26 AVENUE NORTH EAST AND RUNDLESON WAY
NORTH EAST; AT THE INTERSECTION OF BACK OF WALKS; IN FRONT OF HOUSE #4504; 2.2 M
E OF E/BOW PROD S; 0.1 M N OF N/BOW ON CURVE.

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

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.

2007-01-25 2007-06-22
1988-10-12 1988-11-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 275

99-10-21

0.027 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.275 56583 4 275