

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 03.88791 dms
Longitude 113 57 11.20977 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 22616
Tablet Markings 658+4.238
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1088.050 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660911.524 m
Easting 3284.996 m
Convergence 0 02 11.33 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)
207266 658+4.233	106.800	1 169/3	0.999739	103 11 35.19	13.8	0.00
61531 658+4.234	160.308	1 81/2	0.999736	146 55 03.92	6.0	0.00
160077 658+4.241	188.600	1 80/2	0.999732	244 14 36.35	6.6	0.00
140897 658+4.326	227.482	1 70/2	0.999734	52 01 00.76	6.1	0.00
247163 658+4.235	237.392	1 59/2	0.999736	154 02 14.67	4.2	0.00
263129 658+4.227	258.283	1 50/2	0.999732	80 09 21.45	4.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl, XI(+N) 2.7 s 2 s
Prime Vert Defl, ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.45 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 77045 77045
Published 82-03-01 82-03-01

LOCATED ON THE NORTH WEST CORNER OF 56 STREET AND TEMPLE ROAD NORTH EAST IN FRON
T OF HOUSE #3501; 0.2 M NW OF BOW ON CURVE; 0.6 M N OF N/BOW PROD E; 4.7 M W OF
W/BOW PROD S.

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

NON COORDINATE REVISIONS

1982-03-01 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.

2007-01-16 2007-06-22
1988-09-28 1988-11-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 238

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 4 238