

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 59.54026 dms  
Longitude 113 57 06.71938 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04  
Date Printed 2025-08-03  
Last Updated 2007-06-25

ASCM 61531  
Tablet Markings 658+4.234  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1085.547 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: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5660777.239 m  
Easting 3372.476 m  
Convergence 0 02 14.82 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

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	111.173	1 126/2	0.999732	8 31 26.16	7.4	0.00
22616 658+4.238	160.308	1 81/2	0.999736	326 55 03.92	6.0	0.00
52118 658+4.236	167.129	1 72/2	0.999730	175 58 11.35	4.8	0.00
142794 658+4.159	216.077	1 56/2	0.999732	197 28 21.70	4.3	0.00
263129 658+4.227	244.409	1 61/2	0.999732	43 05 34.87	5.0	0.00
160077 658+4.241	262.639	1 65/2	0.999733	281 30 02.57	5.1	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) 4.2 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

HORZ VERT

Originating Project 77045 77045  
Published 82-03-01 82-03-01

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

MARKER LOCATION

Updated: 2007-06-22

LOCATED ON THE SOUTH WEST CORNER OF TEMPLESIDE CIRCLE AND TEMPLESIDE GATE  
NORTH EAST AT HOUSE #380; 0.2 M SW OF BOW ON CURVE; 0.6 M W OF W/BOW PROD N; 4.3  
M S OF S/BOW PROD E.

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

OLD ASC # 56583 4 234

VERT

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 4 234