

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 08.57932 dms  
Longitude 113 56 53.18465 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 37655

Tablet Markings 658+4.323

Date Printed 2025-08-03  
Last Updated 2020-01-09

Mapsheet Name CALGARY B  
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1082.500 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661056.722 m  
Easting 3635.699 m  
Convergence 0 02 25.36 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)
263129 658+4.227	139.620	1	93/2	0.999736	223 37 04.72	7.6	0.00
140897 658+4.326	171.577	1	76/2	0.999732	268 15 02.77	5.7	0.00
201269 658+4.232	178.805	1	117/3	0.999734	176 12 36.98	8.6	0.00
169730 658+4.321	214.829	1	74/2	0.999735	149 55 27.21	5.2	0.00
205013 658+4.341	257.789	1	74/2	0.999734	63 34 15.82	5.9	0.00
66852 661+4.91	259.855	1	54/2	0.999735	17 39 24.45	4.2	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 -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-08

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

LOCATED ON THE EAST SIDE OF TEMPLEHILL DRIVE AT TEMPLEHILL ROAD NORTH EAST;  
0.05 M EAST OF BACK OF WALK EAST; 4.8 M SOUTH OF BACK OF WALK NORTH PRODUCED  
EAST; 7.8 M NORTH OF BACK OF WALK SOUTH PRODUCED EAST; 0.05 M SOUTH OF SEPERATE  
WALK IN TOWNHOUSE COMPLEX.

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.

1988-09-28 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 323

99-10-21

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56583 4 323