

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 54.14606 dms  
Longitude 113 57 06.12161 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-04

ASCM 52118

Tablet Markings 658+4.236

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

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 2008-10-06  
Elevation 1083.129 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660610.568 m  
Easting 3384.219 m  
Convergence 0 02 15.28 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
61531 658+4.234	167.129	1	72/2 0.999730	355 58 11.35	4.8	0.00
238337 658+4.244	240.072	1	37/2 0.999735	199 34 27.61	3.0	0.00
193029 658+4.245	245.047	1	37/2 0.999732	182 28 00.39	3.1	0.00
113837 658+4.160	247.669	1	32/1 0.999735	102 40 02.38	2.6	0.00
95331 658+4.242	259.756	1	38/2 0.999731	272 39 31.41	2.6	0.00
260133 658+4.231	266.447	1	45/2 0.999734	66 34 52.21	3.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-25

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 SET IN CONCRETE SIDEWALK

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1988-11-07

Originating Project 77007 77007  
Published 83-06-15 83-06-15

LOCATED ON THE SOUTH EAST CORNER OF TEMPLESIDE CIRCLE NORTH EAST AND  
TEMPLESIDE CIRCLE NORTH EAST (SOUTH AND WEST LEGS); 2.0 M WEST OF EAST BACK  
OF WALK PRODUCED SOUTH; 45.0 CM NORTH OF SOUTH BACK OF WALK ON CURVE.

Revising Project NAD83 27005  
Published 94-05-24 08-10-06  
Revising Project 98015  
Published 99-10-21  
Revising Project  
Published

NON COORDINATE REVISIONS

1978-01-25 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.

1988-10-06 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 236

08-10-06 -0.024 m REVISED ELEVATION-MOVEMENT SUSPECTED  
99-10-21 0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.236 56583 4 236