

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 46.86500 dms  
Longitude 113 56 23.18362 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 33274

Tablet Markings 658+8.109

Date Printed 2025-08-03  
Last Updated 2003-03-12

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1078.962 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-04

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660386.202 m  
Easting 4220.112 m  
Convergence 0 02 48.69 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
286831 658+8.127	116.592	1	94/2 0.999730	323 34 39.42	7.0	0.00
15313 658+8.110	139.051	1	86/2 0.999730	84 05 28.02	7.0	0.00
134981 658+8.111	157.999	1	76/2 0.999734	50 54 24.77	6.2	0.00
135095 658+8.117	172.969	1	81/2 0.999732	174 46 39.08	5.4	0.00
76877 658+8.124	208.903	1	62/2 0.999737	206 27 12.70	5.0	0.00
215640 658+8.118	209.964	1	57/2 0.999731	138 09 25.64	4.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 4.0 s 2 s  
Geoid\_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-03

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

LOCATED ON THE SOUTH WEST CORNER OF PINECLIFF ROAD AND PINECLIFF DRIVE NORTH  
EAST; 0.05 M SOUTH EAST OF BACK OF WALK ON CURVE; 1.66 M SOUTH OF THE SOUTH  
BACK OF WALK PRODUCED EAST; 3.3 M WEST OF THE WEST BACK OF WALK PRODUCED  
NORTH.

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

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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.

1988-10-04 1988-11-03

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 109

99-10-21

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 8 109