

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 34.07103 dms  
Longitude 113 56 43.67794 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04  
Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 14472  
Tablet Markings 658+4.329  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1083.964 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-06-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659990.562 m  
Easting 3821.503 m  
Convergence 0 02 32.73 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)
277251 658+4.261	150.564	1	86/2 0.999735	317 32 36.76	6.6	0.00
162792 658+4.260	199.165	1	70/2 0.999735	299 27 56.77	4.9	0.00
56614 658+8.125	268.959	1	63/2 0.999733	39 08 38.32	4.7	0.00
77008 658+8.61	302.371	1	46/2 0.999733	130 51 49.55	3.5	0.00
216523 658+4.258	305.634	1	46/2 0.999733	263 35 42.72	3.4	0.00
73395 658+4.267	307.970	1	45/2 0.999734	344 12 26.32	3.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-08-02

Meridian Defl,XI(+N) 2.8 s 2 s  
Prime Vert Defl,ETA(+E) 4.1 s 2 s  
Geoid\_Ellip Separation -16.45 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1990-05-03

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

LOCATED ON THE NORTH SIDE OF 26 AVENUE AND WEST OF 62 STREET NORTH EAST;  
0.05 M NORTH OF BACK OF ROLLED CURB ON THE NORTH SIDE; 3.30 M EAST OF THE  
WEST PROPERTY LINE OF HOUSE #6220 - 26 AVENUE NORTH EAST LOT 16, BLOCK 38.

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	1991-06-12	1991-08-02
MARKER REPORTED IN GOOD CONDITION	1989-07-28	1990-05-03
MARKER REPORTED IN GOOD CONDITION.	1988-09-27	1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 329

99-10-21

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 4 329