

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 46.34482 dms  
Longitude 113 56 49.02216 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-04

Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 65250

Tablet Markings 658+4.250

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1082.187 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660369.742 m  
Easting 3717.202 m  
Convergence 0 02 28.58 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
73262 658+4.248	115.372	1	69/2	0.999734	217 24 00.48	6.1	0.00
22673 658+4.332	183.782	1	71/2	0.999732	66 26 40.69	6.0	0.00
113837 658+4.160	207.777	1	34/1	0.999731	333 53 36.47	3.0	0.00
215012 658+4.230	238.343	1	29/1	0.999731	359 34 32.99	2.6	0.00
277251 658+4.261	268.210	1	37/2	0.999734	179 25 28.38	2.8	0.00
162792 658+4.260	289.667	1	38/2	0.999733	193 47 44.65	3.0	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) 4.1 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

MARKER LOCATION

Updated: 1988-11-07

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

LOCATED ON THE SOUTH WEST CORNER OF 31 AVENUE AND 60 STREET NORTH EAST; AT  
INTERSECTION OF BACK OF WALK'S.

NOTE: ELEVATION AMENDED 82 03 01, REVISION PROJECT #77045.

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

1988-09-27 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 250

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.250 56583 4 250