

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 42.15582 dms  
Longitude 114 10 05.81293 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 64840

Tablet Markings 661-8.127

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

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1110.023 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662106.415 m  
Easting -11787.628 m  
Convergence -0 07 51.44 dms  
Station Ellipsoid Factor 0.999829  
Station Combined Factor 0.999730

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)
214593 661-8.212	325.332	1	40/2 0.999731	24 59 32.51	3.3	-0.01
25569 661-8.122	504.790	1	22/1 0.999732	341 52 07.39	1.9	-0.01
54122 1724.2	533.723	1	24/1 0.999730	77 37 38.69	1.8	0.00
298513 661-8.120	551.472	1	20/1 0.999729	30 28 22.54	1.6	-0.01
183483 1623.5	576.720	1	19/1 0.999732	256 17 54.72	1.7	0.00
164269 661-12.198	641.477	1	19/1 0.999731	294 34 03.38	1.5	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-18

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.8 s 2 s  
Geoid\_Ellip Separation -16.05 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

0.7 M SE OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1973-07-17

Originating Project 73127 73127  
Published 83-05-03 83-05-03

IN CONC WALKWAY BEHIND HOUSE NO.220-200 VARSITY GREEN BAY NW; 0.17 M SE OF N  
EDGE OF WALKWAY ON CURVE; 3.4 M W OF THE W WALL OF HOUSE PRODUCED N; 8.6 M NE  
OF FENCE W/S OF HOUSE PRODUCED NW.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1973-07-17 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

1993-07-05 1993-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 127

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.127 56614 8 127