

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 03.38739 dms  
Longitude 114 09 30.34762 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 37135

Tablet Markings 661-8.134

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 1117.880 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-06-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662760.933 m  
Easting -11096.149 m  
Convergence -0 07 23.88 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
45674 661-8.136	202.747	1	59/2	0.999729	200 48 19.22	4.6	0.01
193334 661-8.131	241.559	1	46/2	0.999725	129 16 19.79	4.0	0.00
6205 661-8.130	250.863	1	52/2	0.999727	158 06 20.77	4.3	0.01
385229 661-8.254	266.766	1	56/2	0.999729	101 16 57.17	4.5	0.00
388611 661-8.252	387.857	1	44/2	0.999730	30 24 15.07	2.8	-0.01
247155 1724.9	500.427	1	30/2	0.999729	144 56 37.73	2.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-26

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
1 CM BGL, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1974-08-20

Originating Project 74111 74111  
Published 83-04-28 83-04-28

ON N/S OF RD IN FRONT OG HOUSE NO.5207 - VICEROY DR NW; 0.35 M N OF B.O.W.;  
1.4 M E OF THE E WALL OF HOUSE PRODUCED S; 0.6 M W OF E P/L FENCE PRODUCED S.

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

NON COORDINATE REVISIONS

1974-08-20 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  
MARKER REPORTED IN GOOD CONDITION

1993-06-17 1993-11-26  
1991-11-07 1991-12-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 134

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.134 56614 8 134