

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 29.42216 dms  
Longitude 114 06 55.15840 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 58610

Tablet Markings 661-8.119

Date Printed 2025-08-03  
Last Updated 2013-01-17

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1106.802 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-05-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661705.804 m  
Easting -8078.578 m  
Convergence -0 05 23.06 dms  
Station Ellipsoid Factor 0.999829  
Station Combined Factor 0.999730

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)
148361 661-4.54	190.676	1	42/2	0.999731	104 54 47.16	2.9	0.00
77263 661-4.51	297.804	1	30/1	0.999730	174 11 50.14	2.7	0.01
206169 661-8.78	350.711	1	26/1	0.999730	238 21 48.93	2.2	0.00
76224 661-4.232	352.945	1	37/2	0.999730	108 01 47.28	2.6	0.00
276642 661-8.235	377.178	1	27/1	0.999730	292 39 01.04	2.3	0.00
57901 661-4.65	381.191	1	29/1	0.999727	49 12 52.24	2.3	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-17

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.3 s 2 s  
Geoid\_Ellip Separation -16.17 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1971-12-10

Originating Project 71105 71105  
Published 71-10-21 71-10-21

ON SE COR OF CAPRI AVE AND CHARLESWOOD DR NW; 1.5 M S OF B.O.W. PRODUCED W;  
0.25 M W OF SEP W; 6.0 M SW OF CB.

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

NOTE: ELEV SHOWN IS AS RE-ADJUSTED IN JAN 1980.

NON COORDINATE REVISIONS

1971-12-10 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

1993-05-17 1993-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 119

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.119 661-08 119