

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 59.93128 dms  
Longitude 114 03 33.06597 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03  
Date Printed 2025-08-03  
Last Updated 2013-01-17

ASCM 18234  
Tablet Markings 661-4.178  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1064.185 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-01-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5662643.867 m  
Easting -4145.299 m  
Convergence -0 02 45.82 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
261594 661-4.177	134.098	1 67/2	0.999735	216 28 25.06	5.2	0.00
266122 661-4.179	153.152	1 59/2	0.999734	345 41 06.12	4.5	0.00
250167 661-4.196	293.392	1 37/2	0.999738	349 22 54.04	3.2	0.00
122473 661-0.114	299.716	1 43/2	0.999736	160 47 40.79	3.5	0.00
190579 661-4.197	357.426	1 34/2	0.999736	323 01 21.16	2.9	0.00
209999 2124.5	401.053	1 30/1	0.999735	40 09 41.79	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1975-01-30

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 5.7 s 2 s  
Geoid\_Ellip Separation -16.30 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 74114 74114  
Published 74-08-01 74-08-01

IN PARK ACROSS FROM HOUSE #5432 TAYLOR CRES NE; 9.4 M SW OF FOC ON CURVE; 4.2 M  
W OF E/WALL OF HOUSE PROD SW; 18.0 M NW OF LT.S.

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

NON COORDINATE REVISIONS

1975-01-30 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
2006-01-10	2006-06-16
1993-09-22	1994-01-24
1988-11-02	1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 178

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.178 56614 4 178