

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 31.86659 dms  
Longitude 114 05 30.29805 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 27292  
Tablet Markings 661-4.70  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1128.488 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5661779.014 m  
Easting -6427.184 m  
Convergence -0 04 17.02 dms  
Station Ellipsoid Factor 0.999826  
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
237826 661-4.71	190.223	1 79/2	0.999727	42 48 56.11	4.9	0.00
135632 200236	252.355	1 63/2	0.999726	230 43 25.48	5.0	0.00
196428 661-4.72	264.503	1 68/2	0.999726	355 56 15.36	5.9	0.00
153700 661-4.73	337.459	1 53/2	0.999726	37 43 52.26	3.8	0.00
12138 661-4.76	369.215	1 49/2	0.999726	70 43 07.74	3.8	0.00
146688 661-4.79	420.687	1 50/2	0.999725	158 21 16.21	4.2	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-01-25

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.22 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-21

Originating Project 71101 71101  
Published 71-03-01 71-03-01

ON S/S OF RD. IN FRONT OF HOUSE #4612 NORTH HVEN DR, NW;  
1.3 M S OF B.O.W. ON CURVE; 1.0 M E OF THE E WALL PROD. N;  
31 M E OF LT.S. .

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

NON COORDINATE REVISIONS

1972-01-25 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  
MARKER REPORTED IN GOOD CONDITION.

1993-07-19 1994-01-21  
1988-11-04 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 70

99-10-21

0.047 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.70 56614 4 70