

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 56.55928 dms  
Longitude 114 11 14.48429 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 22418

Tablet Markings 661-12.122

Date Printed 2025-08-03  
Last Updated 2005-08-02

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1117.393 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-13

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5662554.705 m  
Easting -13122.670 m  
Convergence -0 08 44.91 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
171728 160241.2	146.908	1 109/2	0.999732	187 58 26.09	8.6	0.00
13177 661-12.118	193.487	1 78/2	0.999731	289 07 28.69	6.4	0.00
113043 661-12.135	222.754	1 67/2	0.999730	142 40 16.15	5.3	0.01
19679 661-12.117	253.044	1 59/2	0.999729	318 23 29.65	5.0	-0.01
40360 661-12.142	254.377	1 55/2	0.999729	24 28 49.87	4.6	-0.01
150656 661-12.119	277.347	1 54/2	0.999729	344 39 20.05	4.3	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-04

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.02 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BGL

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COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 74112 74112  
Published 83-05-04 83-05-04

ON N/S OF RD. IN FRONT OF HOUSE #6920 SILVERVIEW RD. NW;  
0.30 M N OF B.O.W.; IN LINE WITH W P/L FENCE OF HOUSE PROD. S;  
4.0 M W OF THE W WALL OF HOUSE PROD. S;

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

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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.

1993-10-13 1994-02-04  
1988-10-28 1989-05-17

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 122

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 122