

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 52.57071 dms
Longitude 114 04 46.79967 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2005-08-02

ASCM 11650
Tablet Markings 664-4.76
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1125.598 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5664271.767 m
Easting -5578.062 m
Convergence -0 03 43.25 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
238659 661-4.173	191.194	1 58/2	0.999728	186 07 01.25	4.9	0.00
44719 664-4.41	212.569	1 66/2	0.999727	66 14 16.72	5.4	0.00
160721 661-4.174	213.707	1 56/2	0.999727	155 46 58.11	4.8	0.00
72165 664-4.43	221.129	1 45/2	0.999726	338 42 40.35	3.8	0.00
14738 661-4.175	229.081	1 57/2	0.999729	111 46 03.32	4.8	0.00
17756 2025.4	246.486	1 40/2	0.999727	261 00 57.16	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-23

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CN BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-23

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

ON N/S OF HOUSE #7112 HUNTERVIEW DR. N.W.; IN WALKWAY; 1.6 M E OF B.O.W.;
0.60 M N OF P/L FENCE OF HOUSE; 5.9 M W OF POW.P. .

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

MARKER REPORTED IN GOOD CONDITION

1993-12-22 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 76

99-10-21

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.76 56644 4 76