

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 38.97228 dms
Longitude 114 06 09.11287 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08

ASCM 41061

Tablet Markings 664-4.151

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1982-08-19
Elevation 1168.356 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5665707.549 m
Easting -7177.001 m
Convergence -0 04 47.37 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999720

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
7146 664-4.154	195.582	1	51/2	0.999723	290 03	16.14	3.8	0.00
109322 664-4.150	199.672	1	55/2	0.999718	71 28	28.40	3.8	0.00
169961 664-4.153	218.841	1	40/2	0.999718	187 20	22.45	3.4	0.00
249490 196260	286.514	1	45/2	0.999716	201 19	14.29	3.4	0.00
149138 664-4.149	363.839	1	36/2	0.999723	35 18	13.24	2.8	-0.01
121913 194260	501.319	1	36/2	0.999715	235 45	54.34	2.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-08-17

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

HORZ VERT

Originating Project 81018 81018
Published 82-08-19 82-08-19

ON E/S OF 14 ST. ON W/S OF HOUSE #56 BEACONSFIELD CRES. NW;
IN CONC. CB.; 0.10 M E OF F.O.C.; 1.0 M S OF THE S WALL OF
HOUSE BETWEEN ATTACHED GARAGE PROD. W; 33.2 M S OF LT.S. .

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-03-09

NON COORDINATE REVISIONS

1982-08-17 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

1994-01-07 1994-03-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 151

VERT

HISTORY 56644 4 151