

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 25.56664 dms
Longitude 114 04 13.44198 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

Date Printed 2025-08-03
Last Updated 2017-03-20

ASCM 27912

Tablet Markings 2119.6

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1078.109 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-11-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654166.820 m
Easting -4938.936 m
Convergence -0 03 17.03 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
195768 210191	105.779	1	85/2 0.999728	317 59 48.91	3.7	0.00
225201 D38	122.282	1	82/2 0.999742	91 13 56.08	3.4	0.00
142349 D44A	150.397	1	73/2 0.999734	226 28 49.95	5.5	0.00
14167 2118.9	208.279	1	58/2 0.999735	200 09 02.53	4.1	0.00
373258 652-4.296	228.030	1	57/2 0.999733	261 40 14.56	4.8	0.00
193466 D36	238.875	1	105/3 0.999732	327 06 01.00	3.1	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

Meridian Defl, XI(+N) 3.0 s 2 s
Prime Vert Defl, ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.17 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-08

Originating Project 69110 69110
Published 70-06-24 70-06-24

ON N/S OF 33 AVE. S.W. ACROSS FROM HOUSE # 403; 4.3 M. N. OF F.O.C.;
2.1 M. E OF WALL ON E/S OF HOUSE PROD. N.; 4.0 M. NE OF LT.S.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1991-11-28 1993-01-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 141

99-08-16

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 141