

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 19.23814 dms
Longitude 114 04 17.11314 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 14167
Tablet Markings 2118.9
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1076.891 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-03-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5653971.342 m
Easting -5010.667 m
Convergence -0 03 19.88 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
176933 D47	205.403	1	48/2	0.999735	179 16 12.26	3.0	0.00
27912 2119.6	208.279	1	58/2	0.999735	20 09 02.53	4.1	0.00
373258 652-4.296	223.792	1	49/2	0.999731	316 33 40.75	4.1	0.00
137562 D46	231.999	1	43/2	0.999735	124 44 30.05	2.5	0.00
225201 D38	273.584	1	48/2	0.999735	45 09 48.71	3.8	0.00
195768 210191	274.137	1	44/2	0.999734	0 12 07.03	2.4	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

MARKER TYPE

Updated: 1970-06-24

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 1993-01-18

IN FRONT OF HOUSE # 3632- 4 ST. S.W.; 0.60 M. E OF F.O.C.; 0.70 M. N
OF S. WALL OF HOUSE PROD. W.; 3.4 M. NE OF C.B.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	68102 70-06-24	68102 70-06-24
Revising Project Published	NAD83 94-05-24	98014 99-08-16
Revising Project Published		
Revising Project Published		

NON COORDINATE REVISIONS

1970-06-24 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

1992-03-24 1993-01-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 187

VERT

99-08-16

0.023 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 187