

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 20.15868 dms
Longitude 114 01 59.71531 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03

ASCM 26393

Tablet Markings 640-0.43

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1038.914 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642874.223 m
Easting -2338.036 m
Convergence -0 01 32.93 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
236489 640-0.44	116.248	1 103/2	0.999739	14 37 09.85	7.2	0.00
247627 640-0.60	185.391	1 108/3	0.999743	218 24 15.72	9.0	0.00
211581 640-0.47	388.679	1 49/2	0.999740	133 46 33.09	3.4	0.00
3442 640-0.57	405.203	1 44/2	0.999741	79 24 10.53	3.7	0.00
4960 640-0.39	444.928	1 47/2	0.999739	305 48 35.81	3.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1989-09-26

Originating Project 75108 75108
Published 83-04-29 83-04-29

LOCATED ON THE NORTH WEST CORNER OF PARKSIDE DRIVE AND PARKLAND WAY SOUTH EAST;
3.3 M WEST OF BACK OF WALK PRODUCED SOUTH; 2.3 M NORTH OF BACK OF WALK PRODUCED
EAST; 0.05 M NORTH WEST OF BACK OF WALK ON CURVE; HOUSE #14424.

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

NON COORDINATE REVISIONS

1976-01-05 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.

1989-02-07 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 43

99-08-16

-0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.43 56404 0 43