

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 34.88329 dms
Longitude 114 01 56.62384 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2015-05-13

ASCM 38067
Tablet Markings 2221.29
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1073.357 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-03-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2012-07-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5658160.771 m
Easting -2270.943 m
Convergence -0 01 30.71 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
189167 F13	120.379	1	166/3	69 35 37.05	10.2	0.00
140160 2221.17	287.847	1	76/2	175 04 22.49	6.5	0.00
140368 2221.20	293.793	1	82/2	216 28 17.89	6.0	0.00
78253 2221.28	298.258	1	64/2	266 50 19.15	3.7	0.00
68064 F15	301.683	1	73/2	11 27 00.73	6.0	0.00
22038 2221.16	339.557	1	82/3	210 54 37.89	6.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-19

Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.29 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; 2.0 CM ABOVE GROUND LEVEL.
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-10-19

Originating Project 69111 69111
Published 70-10-19 70-10-19
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NORTH EAST CORNER OF RENFREW DRIVE AND ROBERT ROAD NORTH EAST; 3.84 M
NORTH OF BACK OF WALK PRODUCED WEST; 85.0 CM NORTH EAST OF BACK OF
WALK ON CURVE; 1.95 M EAST OF BACK OF WALK PRODUCED SOUTH; 5.2 M NORTH
WEST OF CATCH BASIN; ON THE CORNER OF ALL SAINTS ANGLICAN CHURCH.

NON COORDINATE REVISIONS

1970-10-19 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
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.

2015-03-31 2015-05-13
2012-05-22 2012-07-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 0 234

99-10-21

0.037 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

655+00 234