

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 27.93591 dms
Longitude 114 09 28.41380 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 28597
Tablet Markings 655-8.173
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1141.525 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5656103.496 m
Easting -11072.799 m
Convergence -0 07 22.00 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
77735 655-8.174	124.586	1 96/2	0.999726	304 58 06.89	5.5	0.00
232710 655-8.171	151.196	1 99/2	0.999725	71 20 53.13	8.0	0.00
221994 655-8.175	198.734	1 86/2	0.999725	316 16 39.54	5.0	0.00
34959 655-8.158	298.472	1 50/2	0.999726	205 15 04.55	4.3	0.01
152520 655-8.176	313.091	1 51/2	0.999726	331 04 19.66	4.0	-0.01
219287 655-8.179	326.006	1 58/2	0.999723	316 02 46.03	4.8	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-05-10

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 72107 72107
Published 83-03-03 83-03-03

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1991-12-19

ON S/S OF WESTMINSTER DR S.W. IN FRONT OF HOUSE #253; 0.60 M S OF B.O.W.; 0.20
M W OF WALL W/S OF HOUSE PRODUCED N; 16.4 M E OF LT.S.

NON COORDINATE REVISIONS

1972-05-10 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	1993-08-03	1993-10-01
MARKER REPORTED IN GOOD CONDITION	1992-10-19	1993-01-22
MARKER REPORTED IN GOOD CONDITION	1991-11-25	1991-12-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 173

00-06-15

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.173 56554 8 173