

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 25.08354 dms
Longitude 114 07 31.67571 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 84-02

ASCM 33514

Tablet Markings 655-8.278

Date Printed 2025-08-03
Last Updated 2023-11-30

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1057.432 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 13-10-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-11-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5657864.954 m
Easting -8795.714 m
Convergence -0 05 51.30 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
92635 655-8.282	289.920	1	34/2	0.999737	180 19 49.87	2.5	0.01
86017 655-8.43	301.741	1	33/1	0.999738	177 20 35.55	2.8	0.01
28704 655-8.277	344.994	1	29/1	0.999739	236 54 54.61	2.5	0.00
123026 655-8.57	388.797	1	23/1	0.999734	31 33 46.81	2.0	-0.01
89359 655-8.281	413.113	1	27/1	0.999738	63 14 15.56	2.2	0.00
118984 658-8.160	418.325	1	24/1	0.999736	353 33 46.46	1.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-12-19

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC BRASS TABLET ON 7 X 244CM PIPE WITH HELIX.
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1984-12-19

Originating Project 84009 84009
Published 84-12-19 84-12-19

NW COR OF 5 AVE & 27 ST NW; 40CM W OF F.O.C.; 1.4M S OF B.O.W., PROD
W; 1.72M E OF PLAYGROUND FROST FENCE.

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

NON COORDINATE REVISIONS

1984-12-19 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
MARKER REPORTED IN GOOD CONDITION

2013-10-16 2013-11-04
2003-10-01 2003-12-01
1992-12-11 1993-01-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 278

00-06-15

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 8 278