

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 14.84440 dms
Longitude 114 07 12.80559 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 30627

Tablet Markings 655-8.45

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

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 1999-06-21
Elevation 1056.753 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 22-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-11-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5657547.957 m
Easting -8428.763 m
Convergence -0 05 36.61 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
225045 B5	224.144	1	31/1	0.999741	218 26	22.94	2.8	0.00
47183 655-8.64	350.294	1	31/1	0.999739	83 46	45.11	2.0	0.00
86017 655-8.43	353.407	1	25/1	0.999740	272 32	24.69	2.1	0.00
92635 655-8.282	369.719	1	27/1	0.999739	274 12	48.99	2.3	0.00
25874 B4	421.984	1	21/1	0.999739	216 37	06.72	1.9	0.01
136358 B6	470.687	1	19/1	0.999739	246 38	53.69	1.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-10

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-12-01

Originating Project 71105 71105
Published 71-10-21 71-10-21

ON SOUTH EAST CORNER OF 2 AVENUE AND 25 STREET NORTH WEST; 3.7 M SOUTH OF BACK
OF WALK PRODUCED EAST; 0.2 M EAST OF BACK OF WALK PRODUCED NORTH; 1.0 M SOUTH
OF CATCH BASIN.

Revising Project NAD83 99101
Published 94-05-24 99-06-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-12-10 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
MARKER REPORTED IN GOOD CONDITION

2022-03-01 2022-05-02
1994-11-01 1994-12-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 45

99-06-21

0.023 m ELEVATION REVISED-INTEGRATED INTO CCS DBM NET

HISTORY 655-08.45 655-08 45