

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 16.09050 dms
Longitude 114 06 54.93217 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 47183

Tablet Markings 655-8.64

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 1056.886 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-09-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-11-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5657585.905 m
Easting -8080.623 m
Convergence -0 05 22.71 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor
28803 655-4.225	325.993	1	34/2 0.999738
30627 655-8.45	350.294	1	31/1 0.999739
187070 655-4.226	361.274	1	33/2 0.999737
219048 1920.37	469.617	1	23/1 0.999738
225045 B5	532.282	1	21/1 0.999740
89359 655-8.281	579.968	1	22/1 0.999738

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
93 01 12.45	2.8	0.00
263 46 45.11	2.0	0.00
107 05 31.24	2.8	0.00
180 04 35.02	1.8	0.01
246 21 01.18	1.5	0.00
323 19 22.42	1.9	-0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.7 s	2 s
Prime Vert Defl,ETA(+E)	6.4 s	2 s
Geoid_Ellip Separation	-16.12 m	1 m

MARKER TYPE

Updated: 2014-09-30

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71104	71104
Published	84-01-07	84-01-07
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-01-26

ON NE COR. OF 23 STREET AND 2 AVE. N.W.; 3.3 M EAST OF B.O.W. PROD. S.;
2.8 M NORTH OF B.O.W. PROD. W.; 0.80 M NE OF B.O.W. ON CURVE;
3.2 M NW OF FH.

NON COORDINATE REVISIONS

	DESCRIPTION ENTERED
1971-12-20	FIRST MARKER LOCATION
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION, TOP PAINTED.
MARKER REPORTED IN GOOD CONDITION

2014-09-02 2014-09-30
1992-12-11 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 64

VERT

00-06-15

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.64 56554 8 64