

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 15.67957 dms
Longitude 114 09 37.07060 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 55483

Tablet Markings 655-8.123

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1141.983 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-09-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655725.147 m
Easting -11242.258 m
Convergence -0 07 28.71 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)	
34959 655-8.158	116.412	1	86/2	0.999720	21 14 38.42	4.9	0.00
1735 655-8.127	183.382	1	71/2	0.999727	171 09 56.12	5.3	0.01
87460 171200	236.372	1	34/1	0.999727	271 34 59.68	2.5	0.00
43059 655-8.124	250.523	1	32/1	0.999722	89 24 32.69	2.6	0.00
221119 655-8.125	308.920	1	36/2	0.999725	120 07 00.12	2.9	0.00
40733 655-8.126	391.125	1	28/1	0.999725	140 49 06.25	2.4	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-01-26

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-01-26

Originating Project 72108 72108
Published 83-02-03 83-02-03

ON THE SE CORNER OF 17 AVENUE AND GLENSIDE DRIVE S.W.; 1.9 M SOUTH OF B.O.W.
PROD. W.; 1.8 M EAST OF B.O.W. PROD.N.; 0.30 M SE OF B.O.W. ON CURVE.

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

NON COORDINATE REVISIONS

1973-04-26 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

1992-09-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 123

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.123 56554 8 123