

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 54.36001 dms
Longitude 114 08 44.28203 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 35170
Tablet Markings 655-8.215
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1131.072 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-11-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5656918.215 m
Easting -10211.491 m
Convergence -0 06 47.72 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
171348 655-8.216	184.784	1 60/2	0.999724	301 21 05.48	4.2	0.00
250134 655-8.213	230.864	1 65/2	0.999728	3 29 01.72	4.2	-0.01
153056 655-8.217	308.596	1 49/2	0.999726	331 41 33.05	3.8	-0.01
22434 655-8.89	311.853	1 48/2	0.999726	78 30 38.09	4.1	0.00
165183 655-8.211	322.882	1 43/2	0.999727	83 54 33.05	3.7	0.00
38331 655-8.205	380.866	1 42/2	0.999725	236 25 09.10	3.4	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-01-26

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

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

ON SE COR OF 40 STREET AND 5 AVENUE S.W.; 3.0 M EAST OF B.O.W. PROD. N.;
1.2 M SOUTH OF B.O.W. PROD. W.; 5.2 M S.W. OF CB.

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

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 1992-11-25 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 215

00-06-15

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.215 56554 8 215