

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 56.38901 dms
Longitude 114 08 28.60207 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 22434

Tablet Markings 655-8.89

Date Printed 2025-08-03
Last Updated 2015-09-30

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1126.576 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-09-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-01-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5656980.315 m
Easting -9905.971 m
Convergence -0 06 35.53 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
238956 655-8.90	259.077	1	58/2	0.999730	90 20 07.30	3.7	0.00
35170 655-8.215	311.853	1	48/2	0.999726	258 30 38.09	4.1	0.00
250134 655-8.213	336.671	1	48/2	0.999727	299 59 49.54	3.9	0.00
228098 180210	381.557	1	29/1	0.999727	2 10 09.00	2.1	-0.01
155481 655-8.96	383.867	1	44/2	0.999728	24 24 34.71	3.7	-0.01
44693 655-8.91	389.201	1	39/2	0.999730	92 20 58.73	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2014-01-07

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-07-02

Originating Project 72110 72110
Published 84-01-03 84-01-03

NEAR S/S OF DUPLEX, 435-37 ST. SW; 0.25 M. W OF B.O.W.; 0.80 M. N OF
S.P/L FENCE OF 435-37 ST. SW, PROD. EAST.

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

NON COORDINATE REVISIONS

1973-05-02 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	2015-09-16	2015-09-30
MARKER REPORTED IN GOOD CONDITION	2013-12-04	2014-01-07
MARKER REPORTED IN GOOD CONDITION	2011-05-18	2011-05-30
MARKER REPORTED IN GOOD CONDITION	1994-10-06	1994-12-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 89

00-06-15

0.008 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.89 56554 8 89