

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 31.22897 dms
Longitude 114 10 21.76908 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11

ASCM 28068

Tablet Markings 655-12.87

Date Printed 2025-08-03
Last Updated 2013-01-17

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1184.318 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5656207.581 m
Easting -12111.930 m
Convergence -0 08 03.49 dms
Station Ellipsoid Factor 0.999817
Station Combined Factor 0.999719

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
59584 655-12.98	186.439	1 117/3	0.999719	333 03 26.78	9.7	-0.01
155036 655-12.88	219.857	1 45/2	0.999715	284 09 16.33	3.2	0.00
848325 848325	235.350	1 59/2	0.999716	162 59 54.73	4.9	0.01
229062 655-12.97	251.828	1 111/3	0.999717	356 55 56.27	6.8	-0.01
639021 639021	286.481	1 45/2	0.999721	73 48 13.67	2.8	0.00
81208 655-12.96	400.339	1 62/2	0.999718	352 10 23.23	4.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-06-28

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1983-06-28

Originating Project 82045 82045
Published 83-07-18 83-07-18

SW COR OF INT STRATHCONA DR AND STRATHLORNE BAY SW; AT INT OF B.O.W.
AND B.O. SEP W; 15CM S OF B.O.SEP W; 10 CM SE OF B.O.W ON CURVE;
29.7M E OF W P/L OF HOUSE NO 3, LOT 42.

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

NON COORDINATE REVISIONS

1983-06-28 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

1995-02-10 1995-07-05
1992-01-06 1992-04-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 87

00-06-15

0.010 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 12 87