

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 15.63909 dms
Longitude 114 09 03.48978 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2014-06-02

ASCM 4242
Tablet Markings 655-8.134
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1146.427 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-05-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655722.514 m
Easting -10588.053 m
Convergence -0 07 02.60 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
30551 655-8.135	124.119	1 64/2	0.999722	165 34 34.96	4.9	0.00
221036	139.106	1 121/2	0.999721	325 57 50.13	7.3	0.00
296806 655-8.162	220.340	1 59/2	0.999723	8 07 17.91	5.1	-0.01
276493 655-8.131	244.859	1 41/2	0.999725	209 53 54.66	3.5	0.01
101212 655-8.136	281.660	1 39/2	0.999725	174 48 54.08	3.2	0.01
20990 655-8.163	292.093	1 38/2	0.999725	37 09 03.14	3.1	-0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

MARKER TYPE

Updated: 1993-01-26

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

COORDINATE HISTORY

HORZ VERT

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

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

MARKER LOCATION

Updated: 1993-01-26

ON SW CORNER OF BLENMOUNT DRIVE AT 17 AVENUE S.W.; 2.6 M WEST OF B.O.W.;
2.5 M SOUTH OF B.O.W.; 5.4 M NE OF FH.

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
MARKER REPORTED IN GOOD CONDITION

2014-05-12 2014-06-02
1992-09-24 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 134

VERT

00-06-15

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.134 56554 8 134