

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 34.34241 dms
Longitude 113 57 20.50930 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2016-03-22

ASCM 4069
Tablet Markings 655+4.192
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004
Marker Condition GOOD 15-11-03

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1069.817 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5658144.492 m
Easting 3105.673 m
Convergence 0 02 04.05 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

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)
35758 655+4.145	174.768	1	46/2	0.999735	91 09 24.03	3.9	0.00
30312 655+4.142	207.416	1	53/2	0.999732	179 11 27.38	4.4	0.00
95356 655+4.196	222.965	1	54/2	0.999734	156 31 24.97	4.4	0.00
84525 655+4.191	227.797	1	31/1	0.999737	286 42 32.59	2.4	0.00
49338 658+4.143	325.101	1	28/1	0.999737	329 20 28.66	2.4	0.00
118810 655+4.116	332.435	1	30/1	0.999734	202 27 21.15	2.4	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.41 m 1 m

MARKER TYPE

Updated: 2016-03-22

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10.0 CM BGL., LANDSCAPED

COORDINATE HISTORY

Originating Project 73123 73123
Published 74-04-23 74-04-23

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2016-03-22

LOCATED IN PARK AREA BEHIND (NORTH) OF HOUSE #507 - MAIDSTONE DR NE; 0.1 M N OF
WOODEN FENCE FOR HOUSE #507; IN LINE WITH W/WALL OF HOUSE #507; 1.7 M NE OF POWE
R POLE AT N-S AND E-W JOG INTERSECTION.

NOTE: FENCE BUILT OVER MARKER (TOP OF CAP) !!

NON COORDINATE REVISIONS

1974-01-16 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION; NOT ACCESSIBLE	2015-11-03	2016-03-22
MARKER REPORTED IN GOOD CONDITION	2006-10-17	2007-06-25
MARKER REPORTED IN GOOD CONDITION	1988-02-03	1988-07-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 192

VERT

99-10-21

0.005 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.192 56553 4 192