

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 12.22097 dms  
Longitude 113 56 25.50265 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 62299

Tablet Markings 655+8.48

Date Printed 2025-08-03  
Last Updated 2007-06-25

Mapsheet Name CALGARY B  
Mapsheet Number 5655 + 008

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1059.573 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-02-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5657461.706 m  
Easting 4177.340 m  
Convergence 0 02 46.82 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
93344 655+8.46	121.475	1	66/2	0.999741	314 08	57.39	5.4	0.00
255141 655+8.35	145.811	1	48/2	0.999733	179 20	10.04	3.8	0.00
186924 655+8.52	192.690	1	47/2	0.999738	58 10	04.63	4.0	0.00
212613 655+8.61	195.127	1	72/2	0.999739	355 04	44.44	5.4	0.00
242461 655+8.36	226.500	1	35/1	0.999735	128 38	44.10	2.8	0.00
85233 655+8.60	235.463	1	47/2	0.999736	44 42	29.80	3.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-07-12

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 3.9 s 2 s  
Geoid\_Ellip Separation -16.42 m 1 m

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

COORDINATE HISTORY

HORZ VERT

Originating Project 76019 76019  
Published 76-10-31 76-10-31

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

MARKER LOCATION

Updated: 2007-06-22

LOCATED ON THE SOUTH EAST CORNER OF MELVERN CLOSE AND MELVERN CLOSE NORTH EAST  
(NORTH WEST LEG) IN FRONT OF HOUSE #471; 0.1 M SE OF BOW ON CURVE; 2.9 M E OF E  
BOW PROD N; 1.9 M S OF S/BOW PROD N.

NOTE: ELEVATION SHOWN IS ADOPTED FROM COMBINED VERTICAL ADJUSTMENT OF PROJECTS  
#84020 AND #84033 OF MARCH 1985.

NON COORDINATE REVISIONS

1976-12-01 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.

2007-02-07 2007-06-22  
1989-03-01 1989-07-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 8 48

99-10-21

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+08.48 56553 8 48