

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 34.82033 dms  
Longitude 114 06 37.47072 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 27706  
Tablet Markings 655-4.211  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1059.549 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-10-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658164.126 m  
Easting -7739.702 m  
Convergence -0 05 09.15 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
307 658-4.59	276.804	1 108/3	0.999735	39 44 00.57	7.5	0.00
165217 658-4.62	295.522	1 81/2	0.999736	338 01 17.60	6.9	-0.01
57760 658-4.65	441.159	1 54/2	0.999735	342 05 04.01	4.5	-0.01
170837 658-4.57	448.148	1 69/2	0.999736	56 22 40.41	4.6	0.00
232520 655-8.61	508.918	1 37/2	0.999737	269 54 33.24	2.6	0.00
264226 658-8.229	588.352	1 46/2	0.999736	315 20 37.10	3.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2012-04-02

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 6.3 s 2 s  
Geoid\_Ellip Separation -16.14 m 1 m

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

COORDINATE HISTORY

HORZ VERT

Originating Project 71104 71104  
Published 84-01-07 84-01-07

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

MARKER LOCATION

Updated: 1971-12-20

LOCATED BEHIND HOUSE #2140 - 7 AVENUE NORTH WEST IN LANE BEHIND HOUSE;  
ON NORTH PROPERTY LINE OF LANE (CABLE FENCE); 1.3 M EAST OF WEST  
PROPERTY LINE OF HOUSE #2140 - PRODUCED NORTH.

NON COORDINATE REVISIONS

1971-12-20 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	2014-10-01	2014-10-31
MARKER REPORTED IN GOOD CONDITION	2012-02-08	2012-04-02
MARKER REPORTED IN GOOD CONDITION	1990-07-05	1990-11-07
MARKER REPORTED IN GOOD CONDITION	1989-04-05	1990-05-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 4 211

VERT

00-06-15

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-04.211 56554 4 211