

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 19.19300 dms  
Longitude 114 09 34.91811 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2017-03-21

ASCM 34959  
Tablet Markings 655-8.158  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1142.382 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-08-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655833.618 m  
Easting -11200.089 m  
Convergence -0 07 27.04 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor 0.999725

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)
55483 655-8.123	116.412	1	86/2	0.999720	201 14 38.42	4.9	0.00
43059 655-8.124	233.708	1	47/2	0.999723	116 56 58.00	4.1	0.00
1735 655-8.127	290.047	1	52/2	0.999724	182 46 11.88	3.6	0.01
87460 171200	296.546	1	37/2	0.999725	249 53 16.10	3.0	0.00
28597 655-8.173	298.472	1	50/2	0.999726	25 15 04.55	4.3	-0.01
77735 655-8.174	342.286	1	44/2	0.999727	4 13 38.16	3.7	-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) 7.0 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

MARKER TYPE

Updated: 1992-01-24

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

COORDINATE HISTORY

HORZ

VERT

Originating Project 72107 72107  
Published 83-03-03 83-03-03

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

MARKER LOCATION

Updated: 2001-08-21

IN GRASSY AREA BETWEEN 17 AVE AND WESTWOOD DR ACROSS FROM HOUSE #336  
WESTWOOD DR SW; 7.4 M N OF F.O.C. S/S PROD. W; 17.5 M SE OF NW P/L HEDGE  
PROD SW; 0.5 M SW OF F.O.C.

NON COORDINATE REVISIONS

1972-05-10 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	1999-08-17	2001-08-21
MARKER REPORTED IN GOOD CONDITION	1992-10-19	1993-01-22
MARKER REPORTED IN GOOD CONDITION	1991-07-09	1992-01-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 158

VERT

00-06-15

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.158 56554 8 158