

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 24.03096 dms  
Longitude 114 05 18.09685 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03  
Date Printed 2025-08-03  
Last Updated 2013-01-17

ASCM 28126  
Tablet Markings 2019.27  
Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1075.626 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5654120.725 m  
Easting -6198.950 m  
Convergence -0 04 07.29 dms  
Station Ellipsoid Factor 0.999834  
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)
58651 2018.27A	143.387	1	160/3	0.999734	166 31 54.25	5.9	0.00
168377 2019.58	183.057	1	153/3	0.999734	309 49 15.90	12.7	0.00
197574 2018.27B	194.802	1	77/2	0.999731	174 14 38.30	6.1	0.00
34785 2019.26	229.495	1	118/3	0.999735	91 04 41.27	3.7	0.00
114660 2019.57	237.659	1	114/3	0.999735	10 21 15.26	4.5	0.00
56887 D65	352.516	1	45/2	0.999733	173 21 10.53	3.9	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) 6.1 s 2 s  
Geoid\_Ellip Separation -16.13 m 1 m

MARKER TYPE Updated: 1988-12-08  
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
6.5 CM BGL.

COORDINATE HISTORY

Originating Project 68102 68102  
Published 70-06-24 70-06-24  
Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION Updated: 1993-07-07  
ON THE NW CORNER OF 34 AVENUE AND 10 STREET S.W.; 1.2 M NORTH OF B.O.W.  
PRODUCED EAST; 7 M WEST OF B.O.W. PRODUCED SOUTH; 3.7 M SW OF WOODEN POWER  
POLE.

NON COORDINATE REVISIONS

1970-06-24 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 1993-01-07 1993-07-07  
MARKER REPORTED IN GOOD CONDITION. 1988-10-18 1988-12-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 100

VERT 01-02-07

0.027 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 100