

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 12.59226 dms  
Longitude 114 04 50.15611 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 66704

Tablet Markings D57

Date Printed 2025-08-03  
Last Updated 2017-03-20

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1054.627 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-11-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5653766.653 m  
Easting -5654.838 m  
Convergence -0 03 45.56 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
106278 D55	182.203	1 132/3	0.999734	94 59 19.24	3.4	0.00
212266 D59	237.643	1 126/3	0.999738	242 40 12.93	9.2	0.00
129775 D51	297.455	1 91/3	0.999737	136 05 28.82	6.9	0.00
227041 D63	312.764	1 77/2	0.999740	267 24 54.97	3.2	0.00
242024 D56	340.975	1 88/3	0.999739	228 13 16.81	6.8	0.00
25460 2019.25	389.669	1 72/2	0.999738	335 36 22.12	5.8	-0.01

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-01-10

Meridian Defl, XI(+N) 3.0 s 2 s  
Prime Vert Defl, ETA(+E) 6.0 s 2 s  
Geoid\_Ellip Separation -16.14 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
9.0 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-12-31

Originating Project 68102 68102  
Published 70-06-24 70-06-24

ON NE CORNER OF 38 AVE. AND 7 ST. SW.; 1.5 M. N OF F.O.C. PROD. W.;  
1.0 M. E OF B. OF SEP. WALK; 6.5 M W OF LT. ST.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2012-08-08	2012-11-01
MARKER REPORTED IN GOOD CONDITION	1991-11-19	1992-12-31
MARKER REPORTED IN GOOD CONDITION.	1988-12-23	1989-01-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 61

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 61