

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 12.70372 dms  
Longitude 114 05 15.98212 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 56887

Tablet Markings D65

Date Printed 2025-08-03  
Last Updated 2012-11-29

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1078.444 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-07-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2012-11-29

Scale Factor 0.999900 At Ref Mer 114

Northing 5653770.672 m  
Easting -6158.156 m  
Convergence -0 04 05.63 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
197574 2018.27B	157.766	1	89/2	0.999735	352 15 09.66	5.0	0.00
72132 D61	170.426	1	180/3	0.999738	145 28 44.67	15.5	0.00
227041 D63	191.862	1	119/3	0.999734	95 25 14.54	3.3	0.00
58651 2018.27A	210.833	1	119/3	0.999732	357 59 10.04	5.4	0.00
88518 D61A	236.438	1	97/3	0.999737	192 41 08.66	7.7	0.00
212266 D59	313.458	1	83/3	0.999737	111 09 18.22	7.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-06-24

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

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

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

ON NORTHEAST CORNER OF 38 AVENUE AND 10 STREET SOUTHWEST; 4.1 M NORTH OF F.O.C.  
PRODUCED WEST; 8.4 M EAST OF F.O.W. EAST SIDE PRODUCED SOUTH; 7.5 M SOUTH EAST  
OF FIRE HYDRANT.

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  
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

1999-07-09 1999-07-20  
1992-12-16 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 70

01-02-07

0.027 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 70