

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 56.93176 dms  
Longitude 114 05 29.08898 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03  
Date Printed 2025-08-03  
Last Updated 2019-03-25

ASCM 14191  
Tablet Markings 2019.41  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1086.366 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-12-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5655137.600 m  
Easting -6411.900 m  
Convergence -0 04 15.87 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999733

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)
135558 2019.39	181.476	1	154/3	0.999733	354 55 28.86	8.4	0.00
233288 2019.33	312.444	1	83/3	0.999732	224 55 45.52	6.8	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.9 s	2 s
Prime Vert Defl,ETA(+E)	6.2 s	2 s
Geoid_Ellip Separation	-16.14 m	1 m

MARKER TYPE Updated: 1992-01-23

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
1 CM. AGL, LANDSCAPED.

COORDINATE HISTORY HORZ VERT

Project	Date	Horz	Vert
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: 1992-01-23

ON THE N/S OF PROSPECT AVE AND JUST W OF 12 ST SW; 12.5M W OF B.O.W.; 0.20M N OF B.O.W.; 0.80M W OF W EDGE OF STONE WALK FOR HOUSE NO 1302 - PROSPECT AVE; 11.0M WNW OF CB.

NON COORDINATE REVISIONS

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

MARKER CONDITION COMMENTS Inspected Updated

Comments	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2007-12-21	2008-01-31
MARKER REPORTED IN GOOD CONDITION	1992-03-25	1992-11-24
MARKER REPORTED IN GOOD CONDITION.	1991-07-03	1992-01-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 106

VERT 01-02-07 0.032 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 106