

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

Horz Datum NAD83 Updated: 2019-12-16  
Latitude 50 57 24.69854 dms  
Longitude 113 59 54.35466 dms  
Horz Class INTEGRATED , ORDER 1

Marker Installed 18-08  
Date Printed 2025-08-04  
Last Updated 2019-12-16

ASCM 365023  
Tablet Markings GL23  
Mapsheet Name CALGARY C  
Mapsheet Number 5646 + 004

Vert Datum CVD28 Updated: 2019-12-16  
Elevation 1017.469 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 18-08-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-12-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5646721.840 m  
Easting 110.172 m  
Convergence 0 00 04.38 dms  
Station Ellipsoid Factor 0.999843  
Station Combined Factor 0.999743

ASCM	Tablet	Horizontal	Std	PPM/	Grid/	Grnd	Grid	Std	T-t
	To	Distance	Dev	Order	Factor		Bearing	Dev	Corr
	Markings	(m)	(cm)				(dms)	(s)	(s)
362285	GL22	320.713	1	31/1	0.999746	311 22 48.37	2.4	0.00	
370601	GL25	430.106	1	23/1	0.999743	178 25 05.35	1.4	0.00	
401455	GL37	476.439	1	21/1	0.999742	154 21 57.29	1.3	0.00	
345371	GL21	724.683	1	12/1	0.999743	340 30 14.79	0.9	0.00	
402404	GL38	724.874	1	14/1	0.999743	162 59 01.41	0.9	0.00	
412056	GL39	921.169	1	13/1	0.999742	154 43 34.43	0.9	0.00	

GEOID DATA (GSD95) Updated: 19-12-16

Component Magnitude Std Dev

MARKER TYPE

Updated: 2019-12-09

Meridian Defl,XI(+N) 3.6 s 2 s  
Prime Vert Defl,ETA(+E) 4.6 s 2 s  
Geoid\_Ellip Separation -16.18 m 1 m

CITY OF CALGARY BRASS CAP ON 8 CM DIA X ~4.5M LONG POST WITH HELIX  
BASE

COORDINATE HISTORY

MARKER LOCATION

Updated: 2019-12-09

Originating Project 38002 38002  
Published 19-12-16 19-12-16

Marker is located N. of 107 Ave S.E. and W. of 27 St. S.E.;  
~ 0.25m S. of FOW;  
~ 3.10m N. of BOC;  
~ 11.80m S.E. of Telus Box.

Revising Project  
Published  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

2019-12-09 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2019-12-09 INSTALLATION DATE AND TABLET  
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT