

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 15.99534 dms  
Longitude 114 10 51.99066 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 80-07  
Date Printed 2025-08-03  
Last Updated 2022-03-03

ASCM 54825  
Tablet Markings 655-12.71  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1223.721 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition SEE BELOW 21-07-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5657592.251 m  
Easting -12697.239 m  
Convergence -0 08 27.08 dms  
Station Ellipsoid Factor 0.999811  
Station Combined Factor 0.999713

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)
183491 655-12.70	106.846	1	112/2	0.999711	288 58 42.97	6.8	0.00
20479 655-12.72	165.059	1	91/2	0.999707	28 10 26.40	7.0	0.00
239798 655-12.69	165.109	1	85/2	0.999712	261 49 49.19	6.8	0.00
168658 655-12.48	200.960	1	65/2	0.999709	320 26 41.99	5.6	0.00
245670 655-12.92	209.569	1	86/2	0.999717	170 59 54.49	7.1	0.01
263046 655-12.68	214.997	1	79/2	0.999713	284 30 22.37	6.2	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)	7.1 s	2 s
Geoid_Ellip Separation	-15.97 m	1 m

MARKER TYPE

Updated: 1981-10-21

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	80046 81-10-01	80046 81-10-01
Revising Project Published	NAD83 94-05-24	98016 00-06-15
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1995-07-05

LOCATED IN DRIVEWAY TO HOUSE #192 - COACHWOOD CRESCENT SOUTH WEST;  
0.05 M EAST OF BACK OF ROLLED CURB EAST ON CURVE; 2.45 M SOUTH OF BACK  
OF WALK NORTH PRODUCED EAST; 1.7 M WEST OF EAST EDGE OF CONCRETE DRIVEWAY.

NON COORDINATE REVISIONS

Date	Description
1981-10-21	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED AS CAP MISSING  
MARKER REPORTED IN GOOD CONDITION

Date	Date
2021-07-12	2022-03-03
1995-02-06	1995-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 12 71

VERT

00-06-15

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12 71