

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 03 48.37289 dms  
Longitude   114 07 45.92326 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed    71-03  
Date Printed        2025-08-03  
Last Updated        2022-03-03

ASCM            13854  
Tablet Markings    658-8.173  
Mapsheet Name      CALGARY G  
Mapsheet Number    5658 - 008

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1099.130 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            95-08-23

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor    0.999900    At Ref Mer 114

Northing    5658585.064 m  
Easting     -9071.900 m  
Convergence   -0 06 02.42 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor   0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
44008 658-8.161	201.694	1 40/1	0.999732	181 44 28.49	3.3	0.00
271981 658-8.168	325.502	1 31/1	0.999730	3 38 21.68	2.5	-0.01
314807	349.366	1 90/3	0.999725	289 23 51.34	5.9	0.00
107318 658-8.170	356.566	1 31/1	0.999732	32 22 31.33	2.5	-0.01
118984 658-8.160	381.308	1 26/1	0.999733	143 01 18.79	2.2	0.01
220574 658-8.245	407.701	1 27/1	0.999732	269 34 53.45	2.3	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.7 s	2 s
Prime Vert Defl, ETA(+E)	6.6 s	2 s
Geoid_Ellip Separation	-16.10 m	1 m

MARKER TYPE

Updated: 1971-12-10

ASC CAP SET IN CONCRETE SIDEWALK

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MARKER LOCATION

Updated: 2001-08-30

COORDINATE HISTORY      HORZ      VERT

Originating Project	71105	71105
Published	71-10-21	71-10-21
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

ON NE CORNER OF 12 AVE AT TORONTO CRES NW;  
0.30 M N OF B.O.W. PROD. W;  
3.20 M E OF F.O.C. PROD. S;  
0.60 M NE OF F.O.C. ON CURVE.

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NON COORDINATE REVISIONS

1971-12-10	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

1995-08-23    2001-08-30  
1989-02-16    1990-04-30

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584    8 173

VERT

00-06-15

0.025 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-08.173      658-08 173