

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 37.40963 dms  
Longitude 114 04 33.41774 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 31385

Tablet Markings 658-4.34

Date Printed 2025-08-03  
Last Updated 2022-05-02

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1046.429 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-05-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-05-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5658241.079 m  
Easting -5324.013 m  
Convergence -0 03 32.67 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
7724 658-4.36	336.349	1	35/2 0.999735	279 29 22.78	2.8	0.00
240150 655-4.190	431.009	1	23/1 0.999740	227 31 32.57	1.9	0.00
181347 658-4.49	480.580	1	25/1 0.999735	325 47 36.69	2.1	-0.01
54288 658-4.37	603.088	1	18/1 0.999736	277 48 05.93	1.5	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.6 s	2 s
Prime Vert Defl, ETA(+E)	5.9 s	2 s
Geoid_Ellip Separation	-16.21 m	1 m

MARKER TYPE

Updated: 2016-03-22

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND, LANDSCAPED

COORDINATE HISTORY

	HORZ	VERT
Originating Project	70106	70106
Published	71-04-21	71-04-21
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 2016-03-22

ON THE SW CORNER OF 3 AVENUE AT 5A STREET N.W. IN PARK; 8.6 M SE OF F.O.C.;  
5.4 M WEST OF B.O.W.; 8.55 M SW OF NORTH EDGE OF CB.

NON COORDINATE REVISIONS

Date	Description
1971-04-21	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED AS CAP EFFACED	2015-05-13	2016-03-22
MARKER REPORTED IN GOOD CONDITION	1993-04-14	1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 4 34

VERT

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.34 658-04 34