

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 41.71606 dms  
Longitude 114 06 28.40254 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 307

Tablet Markings 658-4.59

Date Printed 2025-08-03  
Last Updated 2016-04-08

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1093.306 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-02-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658376.939 m  
Easting -7562.811 m  
Convergence -0 05 02.11 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
170837 658-4.57	199.384	1 170/3	0.999735	79 48 33.21	5.3	0.00
27706 655-4.211	276.804	1 108/3	0.999735	219 44 00.57	7.5	0.00
165217 658-4.62	293.976	1 95/3	0.999731	282 00 39.03	6.1	0.00
234104 658-4.56	322.265	1 93/3	0.999734	82 24 48.60	4.2	0.00
57760 658-4.65	374.906	1 75/2	0.999733	303 29 42.89	5.6	0.00

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)	6.3 s	2 s
Geoid_Ellip Separation	-16.15 m	1 m

MARKER TYPE

Updated: 1971-12-20

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71104	71104
Published	84-01-07	84-01-07
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-07-05

ON THE NW CORNER OF 20TH STREET AT BRIAR CRESENT N.W.; 2.0 M WEST OF B.O.W.  
W/S PRODUCED SOUTH; IN LINE WITH B.O.W. PRODUCED EAST; 8.6 M EAST OF A LIGHT  
STANDARD; 6.3 M SW OF CB.

NON COORDINATE REVISIONS

1971-12-20	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

1993-02-08 1993-07-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 4 59

VERT

00-06-15

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.59 56584 4 59