

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 55.70359 dms
Longitude 114 02 38.67044 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03

ASCM 20420

Tablet Markings 22,20,27

Date Printed 2025-08-03
Last Updated 2019-01-21

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1042.620 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-05-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5656950.563 m
Easting -3090.415 m
Convergence -0 02 03.40 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)
4648 A18	134.815	1 193/3	0.999738	193 25 10.83	5.7	0.00
288415 A19	220.673	1 122/3	0.999740	87 48 56.08	10.2	0.00
123448 A17	257.421	1 105/3	0.999741	283 25 59.31	8.9	0.00
225334	345.348	1 138/3	0.999734	343 43 34.54	10.8	0.00
153254 2220.29	372.244	1 86/3	0.999739	308 11 22.69	6.5	0.00
57224 A20	468.719	1 62/2	0.999740	103 05 16.52	5.2	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) 5.4 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

MARKER TYPE

Updated: 1988-06-24

5' IRON BAR.

1.0 CM BGL. 47.0 CM SOUTH OF GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	69111	69111
Published	70-10-19	70-10-19
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1970-10-19

7A STREET AND SOUTH OF MEMORIAL DRIVE; 5.5' WEST OF EAST PROPERTY LINE
OF 7A STREET PRODUCED SOUTH; 24.3 M SOUTH OF BACK OF ROLLED CURB ON
SOUTH SIDE OF MEMORIAL DRIVE; 1.3 M NORTH OF NORTH SIDE OF ASPHALT
PATH ON DYKE; 1.3 M WEST OF BACK OF WALK PRODUCED SOUTH.

NON COORDINATE REVISIONS

1970-10-19	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
1988-06-30	TABLET MARKINGS CHANGED FROM 2220.27A

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1988-05-03 1988-06-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 260

VERT

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+00 260