

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 55 46.05103 dms  
Longitude 114 02 20.76331 dms  
Horz Class INTEGRATED , ORDER 4

Marker Installed 81-03

ASCM 3608

Date Printed 2025-08-03  
Last Updated 2019-03-25

Tablet Markings

Vert Datum CVD28 Updated: 1981-03-01  
Elevation 1093.440 m  
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

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

Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Marker Condition GOOD 89-03-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5643674.467 m  
Easting -2748.679 m  
Convergence -0 01 49.28 dms  
Station Ellipsoid Factor 0.999831  
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)
248195 643-0.130	110.088	1 510/4	0.999739	323 31 05.35	19.4	0.00
242032 643-0.115	254.941	1 238/4	0.999735	0 08 42.80	16.8	0.00
299511 643-0.114	290.632	1 210/4	0.999737	327 59 05.40	8.6	0.00
68114 643-0.178	316.910	1 196/4	0.999736	164 48 17.24	11.2	0.00
149211 643-0.104	345.841	1 177/3	0.999737	57 32 29.42	14.2	0.00
15354 643-0.108	426.557	1 144/3	0.999735	3 37 15.29	10.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-04

Meridian Defl, XI(+N) 4.0 s 2 s  
Prime Vert Defl, ETA(+E) 5.6 s 2 s  
Geoid\_Ellip Separation -16.05 m 1 m

HIGH POINT

COORDINATE HISTORY

MARKER LOCATION

Updated: 1981-04-28

Originating Project 78044 78044  
Published 81-03-01 81-03-01

PARKLAND BLVD. & CANYON MEADOWS DRIVE, SE.  
COMMUNICATIONS TOWER OF FIRE HALL #19.  
POINT OBSERVED: TOP OF ANTENNA MAST ON TOP OF STEEL TOWER.  
NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY  
(HIGH POINTS). 85/08/19

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1981-04-28 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
1993-01-27 TABLET MARKINGS CHANGED FROM  
FIREHALL-#19

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1989-03-27 1990-05-04

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 252

HISTORY 56434 0 252