

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 21.82279 dms
Longitude 114 04 37.83726 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03

ASCM 20339

Date Printed 2025-08-03
Last Updated 2003-03-12

Tablet Markings

Vert Datum CVD28 Updated: 1983-07-26
Elevation 1145.410 m
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

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

Marker Condition GOOD 93-08-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5663321.477 m
Easting -5404.746 m
Convergence -0 03 36.24 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
115857 661-4.219	106.740	1 285/3	0.999724	256 30 51.67	17.5	0.00
210559 661-4.228	109.354	2 277/3	0.999724	209 02 56.78	7.7	0.00
174201 661-4.227	200.312	2 154/3	0.999727	212 53 39.45	4.8	0.00
299107 661-4.223	249.414	1 128/3	0.999723	347 47 00.47	8.9	0.00
137448 661-4.222	249.696	1 124/3	0.999724	322 39 56.43	10.4	0.00
144113 661-4.230	253.284	2 122/3	0.999725	194 48 17.28	5.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-10-02

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

HIGH POINT

COORDINATE HISTORY

HORZ VERT

Originating Project 74101 74101
Published 83-07-26 83-07-26

LOCATED AT MORMON CHURCH SPIRE - CALGARY NORTH STAKE CENTRE OF CHURCH OF JESUS
CHRIST OF LATTER DAY SAINTS; TOP OF SPIRE PROJECTING ABOVE CHURCH AT THE NORTH
WEST OF CORNER OF TIPTON ROAD AND TOUCHWOOD NORTH WOOD.

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

NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY (HIGH POINTS).

NON COORDINATE REVISIONS

1974-10-02 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-01-27 TABLET MARKINGS CHANGED FROM
MORMON-CHURCH

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION.

1993-08-10 1994-01-18
1988-11-02 1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 201

VERT

HISTORY MORM.CHUR 56614 4 201