

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 16.00371 dms
Longitude 114 02 36.66469 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 64-05
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 35451
Tablet Markings 222200
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1068.913 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 03-11-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5655723.836 m
Easting -3052.074 m
Convergence -0 02 01.82 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
274779 221200	184.097	1	125/3	0.999730	273 13 50.22	2.6	0.00
178830 D10	196.089	1	117/3	0.999732	309 18 39.75	6.9	0.00
271924 2219.6	238.593	1	92/3	0.999734	218 24 38.18	7.1	0.00
280446 2219.12	274.018	1	91/3	0.999737	199 44 28.95	7.8	0.00
612 76A010	297.033	1	77/2	0.999734	245 16 46.17	4.8	0.00
72728 D12	304.338	1	76/2	0.999735	247 44 33.45	4.3	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

MARKER TYPE

Updated: 1985-12-04

TSC BRASS TABLET SET IN REINFORCED CONCRETE COLUMN; 42.0 CM BELOW GROUND LEVEL.
25 CM BGL.

COORDINATE HISTORY

Originating Project 63004
Published 70-01-18
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project 69110
Published 70-06-24
Revising Project
Published

MARKER LOCATION

Updated: 1985-12-04

SOUTH EAST CORNER OF 17 AVENUE AND WILLIAM STREET SOUTH EAST; 1.05 M
SOUTH OF FACE OF ELEVATED WALK PRODUCED WEST; 3.95 M EAST OF BACK OF
WALK PRODUCED NORTH; 33.0 CM SOUTH EAST OF FACE OF ELEVATED WALK ON
CURVE.

NON COORDINATE REVISIONS

1985-12-04 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2001-12-07 SEE 'HISTORICAL/OTHER
MARKER NAMES'

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

2003-11-25 2004-02-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 5 NGBD # 636219
NGBD NAME 222200
HISTORY 56554 0 5

VERT

99-08-16 0.017 m ELEVATION REVISED AND REINTEGRATED