

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 03.00781 dms
Longitude 113 56 31.75785 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 65896

Tablet Markings 658+8.107

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1081.928 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660884.875 m
Easting 4052.831 m
Convergence 0 02 42.03 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
41475 658+8.96	124.843	1 120/2	0.999731	133 15 31.85	9.2	0.00
195016 658+8.100	216.648	1 83/2	0.999733	117 45 33.90	6.7	0.00
194704 658+8.99	256.596	1 66/2	0.999732	65 22 40.80	5.7	0.00
38646 658+8.101	271.643	1 66/2	0.999732	107 48 13.87	5.4	0.00
14514 658+8.108	283.396	1 56/2	0.999734	180 00 53.87	3.9	0.00
183871 658+8.102	292.386	1 62/2	0.999734	81 55 18.14	5.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl, XI(+N) 2.7 s 2 s
Prime Vert Defl, ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-03

Originating Project 77045 77045
Published 82-03-01 82-03-01

LOCATED ON THE NORTH EAST CORNER OF TEMPLEVIEW DRIVE AND TEMPLEVIEW DRIVE NORTH
EAST (NORTH EAST LEG); 0.05 M NORTH EAST OF BACK OF WALK ON CURVE; ON THE
EAST PROPERTY LINE OF HOUSE #372 - TEMPLEVIEW DRIVE NORTH EAST LOT 52, BLOCK 9.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-03-01 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.

1988-10-05 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 107

99-10-21

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 8 107