

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 12.34659 dms
Longitude 114 08 22.56046 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 35790

Tablet Markings 652-8.33

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1132.095 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-05-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5653765.246 m
Easting -9794.389 m
Convergence -0 06 30.67 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
123885 652-8.34	112.321	1 133/2	0.999730	111 10 40.93	5.9	0.00
211698 652-8.29	123.186	1 122/2	0.999727	266 22 15.57	10.3	0.00
40055 652-8.167	276.363	1 54/2	0.999727	206 21 06.61	4.5	0.01
124834 652-8.31	357.861	1 50/2	0.999724	16 39 00.24	4.1	-0.01
289454 652-8.27	392.914	1 41/2	0.999728	194 05 49.40	3.5	0.01
274589 652-8.104	446.269	1 38/2	0.999728	233 10 57.46	3.1	0.01

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-05-02

Meridian Defl, XI(+N) 3.2 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

HORZ VERT

Originating Project 72110 72110
Published 84-01-03 84-01-03

Revising Project NAD83 98017
Published 94-05-24 01-02-07

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1991-11-19

ON E/S 36 AVE. ACROSS FROM HOUSE #3752-36 AVE. S.W. & JUST SOUTH OF E-W LANE;
0.7M EAST OF F.O.W.;
10.0M NORTH OF SOUTH P/L FENCE OF HOUSE #3752, PROD. EAST;
7.7M SOUTH OF E-W LANE S/S, PROD. WEST.

NON COORDINATE REVISIONS

1973-05-02 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1991-05-01 1991-11-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 8 33

VERT

01-02-07

0.027 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.33 56524 8 33