

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 54.25751 dms
Longitude 114 09 18.76103 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 66662

Tablet Markings 652-8.109

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1141.205 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5653208.496 m
Easting -10890.857 m
Convergence -0 07 14.33 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62430 652-8.111	185.381	1	59/2	0.999726	244 23 58.15	5.0	0.00
96974 652-8.107	188.760	1	53/2	0.999726	78 57 37.67	4.5	0.00
38562 652-8.94	219.239	1	55/2	0.999722	132 30 47.61	4.4	0.00
182121 652-8.108	254.475	1	51/2	0.999725	39 11 32.52	4.1	-0.01
30031 652-8.92	303.153	1	36/2	0.999724	179 15 33.39	3.2	0.01
242701 652-8.91	305.474	1	39/2	0.999725	199 30 59.27	3.3	0.01

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 3.3 s 2 s
Prime Vert Defl, ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

MARKER TYPE

Updated: 1973-04-26

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

Originating Project 72108 72108
Published 83-02-03 83-02-03

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

MARKER LOCATION

Updated: 1993-07-07

ON W/S OF 47 ST. AND N OF GLAMORGAN WAY SW; 0.44 M. E OF B.O.W. ON W/S OF
47 ST.; 0.6 M. N OF S. P/L FENCE OF HOUSE # 4323 -47 ST. SW. PROD. E; 13.2 M
SOUTH OF THE NORTH WALL HOUSE NO. 4323 PRODUCED EAST.

NON COORDINATE REVISIONS

1973-04-26 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
MARKER REPORTED IN GOOD CONDITION

1993-01-21 1993-07-07
1991-04-22 1991-11-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 8 109

VERT

01-02-07

0.026 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.109 56524 8 109