

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 51.48138 dms
Longitude 114 07 59.08522 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 17202

Tablet Markings 649-8.53

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1107.771 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5651265.726 m
Easting -9341.392 m
Convergence -0 06 12.31 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
114264 649-8.63	160.644	1 87/2	0.999727	358 30 02.59	3.8	0.00
242636 649-8.81	166.728	1 114/3	0.999734	151 41 40.27	4.3	0.00
191478 649-8.64	274.314	1 58/2	0.999729	56 09 05.64	4.7	0.00
142612 649-8.54	296.968	1 61/2	0.999730	222 02 05.88	4.8	0.01
145722 649-8.56	311.695	1 51/2	0.999729	289 35 45.83	4.3	0.00
119669 649-8.62	336.832	1 53/2	0.999730	359 04 20.33	3.1	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-01-18

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ VERT

Originating Project 72112 72112
Published 84-01-12 84-01-12

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

MARKER LOCATION

Updated: 1991-03-18

N.W. CORNER OF LAKEVIEW DRIVE AND 62 AVENUE S.W.;
0.30 M N.W. OF B.O.W. ON CURVE;
1.0 M NORTH OF B.O.W. N/S 62 AVE. PROD. EAST;
4.80 M WEST OF B.O.W. W/S LAKEVIEW DRIVE PROD. SOUTH;
IN FRONT OF HOUSE #6227 LAKEVIEW DRIVE.

NON COORDINATE REVISIONS

1973-01-18 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

1990-09-04 1991-03-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 8 53

01-02-07

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-08.53 56494 8 53