

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 59 29.38439 dms  
Longitude 114 04 32.33304 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2015-06-09

ASCM 59063  
Tablet Markings 649-4.157  
Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1058.481 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-04-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5650577.241 m  
Easting -5310.758 m  
Convergence -0 03 31.62 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
264960 649-4.155	239.736	1 46/2	0.999734	266 11 22.96	3.8	0.00
123018 210169	274.537	1 40/2	0.999737	73 30 03.41	3.4	0.00
107862 649-4.154	320.423	1 37/2	0.999737	228 18 56.06	3.0	0.00
153643 649-4.161	422.834	1 35/2	0.999737	201 07 20.66	2.8	0.01
189894 649-4.153	435.968	1 34/2	0.999737	205 16 07.74	2.7	0.01
216333 649-4.169	504.489	1 30/2	0.999737	200 52 46.44	2.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-07

Meridian Defl, XI(+N) 3.3 s 2 s  
Prime Vert Defl, ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.11 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRND, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-07

Originating Project 72117 72117  
Published 72-07-11 72-07-11

ON W/S OF DUPLEX # 630-69 AVE. SW; 1.2 M. E OF W.P/L FENCE OF DUPLEX #630  
PROD. SOUTH; 0.7 M. S OF B.O.W.

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

NON COORDINATE REVISIONS

1972-07-11 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  
MARKER REPORTED IN GOOD CONDITION

2015-04-21 2015-06-09  
2012-05-15 2012-08-31  
1990-09-26 1991-10-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 157

01-02-07

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.157 56494 4 157