

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 25.88579 dms
Longitude 114 08 28.75645 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 45963

Tablet Markings 1723.32

Date Printed 2025-08-03
Last Updated 2015-10-30

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1110.187 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-09-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661599.706 m
Easting -9900.114 m
Convergence -0 06 35.88 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
196519 1723.34	209.381	1	57/2	0.999729	263 58 06.34	4.7	0.00	
95299 1723.36	302.386	1	40/2	0.999728	217 15 39.79	3.3	0.01	
68015 1723.25	405.972	1	32/2	0.999730	272 35 09.57	2.6	0.00	
272393 1723.37	409.729	1	32/2	0.999730	230 12 25.27	2.5	0.01	
68767 1723.28	441.734	1	27/1	0.999731	293 02 00.40	2.2	0.00	
13326 1723.38	476.091	1	29/2	0.999730	222 00 55.53	2.3	0.01	

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

MARKER TYPE

Updated: 1993-11-26

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD.

COORDINATE HISTORY HORZ VERT

Originating Project 70107 70107
Published 70-12-23 70-12-23

Revising Project NAD83 21002
Published 94-05-24 01-03-06
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1970-12-23

IN PARK ACROSS FROM HOUSE NO.4315 VILLA CRES NW; 2.4 M S OF N WALL OF HOUSE
PRODUCED E; 2.2 M W OF B.O.W.; 15.1 M NNW OF LTS.

NON COORDINATE REVISIONS

1970-12-23 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

2015-09-10 2015-10-30
1993-05-19 1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 60

VERT

01-03-06

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 8 60