

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 15.44153 dms
Longitude 114 08 19.07594 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 84-03

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 64261

Tablet Markings 664-8.119

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1229.787 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1994-10-01

Scale Factor 0.999900 At Ref Mer 114

Northing 5664984.593 m
Easting -9705.362 m
Convergence -0 06 28.52 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999711

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
212225 664-8.120	146.373	1	82/2 0.999710	34 54 20.06	3.4	0.00
275032 664-8.240	208.184	1	67/2 0.999709	263 18 30.88	4.3	0.00
361352 664-8.241	264.802	1	53/2 0.999710	237 55 51.92	4.1	0.00
58966 664-8.123	321.955	1	47/2 0.999712	52 44 09.39	2.7	0.00
140210 664-8.69	337.594	1	41/2 0.999710	244 01 56.06	3.1	0.00
312439 664-8.245	354.852	1	42/2 0.999711	171 19 53.33	3.3	0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

MARKER TYPE

Updated: 1985-07-16

ASC BRASS TABLET ON 7 X 305CM HEAVY WALL PIPE.

COORDINATE HISTORY

HORZ VERT

Originating Project 84012 84012
Published 85-07-18 85-07-18

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1985-07-16

ON SW COR OF EDENWOLD DR & E LEG OF EDELWEISS DR NW; AT INT OF
B.O.R.C. ON CURVE, & F.O.SEP.W.; 20CM NW OF F.O.SEP.W.; 25CM S OF
B.O.R.C. ON CURVE; 2.3M SW OF SW P/L OF HOUSE #203 LOT 13, PROD SE.

NON COORDINATE REVISIONS

1985-07-16 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

1993-12-03 1994-02-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 119

VERT

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 8 119