

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 57.83702 dms
Longitude 114 03 28.91404 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 33118
Tablet Markings 664-0.65
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1075.650 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-12-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664433.078 m
Easting -4063.111 m
Convergence -0 02 42.62 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
257618 664-4.84	249.252	1	44/2	0.999731	327 04 15.40	3.8	0.00
266973 664-0.61	259.392	1	50/2	0.999734	37 06 02.35	4.0	0.00
211086 664-4.82	265.985	1	41/2	0.999734	268 10 10.25	3.5	0.00
305284 664-0.104	396.489	1	38/2	0.999735	83 01 58.51	3.1	0.00
187997 661-4.194	421.830	1	31/2	0.999736	197 57 53.41	2.5	0.00
194712 664-4.79	433.489	1	30/2	0.999732	275 56 19.48	2.5	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

MARKER TYPE

Updated: 2020-01-08

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
1 CM BGL, LANDSCAPED.

COORDINATE HISTORY

Originating Project 74114 74114
Published 74-08-01 74-08-01

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 78026
Published 83-08-31
Revising Project
Published

MARKER LOCATION

Updated: 2020-01-08

MARKER IS LOCATED IN FRONT OF HOUSE #436 HOUNT BOURNE WAY NE; 0.1 M NE OF BOW; 4 .70 M SE OF W PROPERTY LINE OF HOUSE #436; 4.15 M NW OF W WALKWAY EDGE (WALKWAY FOR FRONT DOOR OF HOUSE #436).

NON COORDINATE REVISIONS

1975-01-30 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Inspected	Updated
2019-12-04	2020-01-08
2005-08-11	2006-06-19

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 0 65

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT
83-08-31 307 32 55 0.100 m MOVEMENT DETECTED

VERT 99-10-21 0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664+00.65 56644 0 65