

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 27.28461 dms
Longitude 114 11 29.50387 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 38810

Tablet Markings 664-12.120

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1189.860 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 84-05-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665358.848 m
Easting -13407.595 m
Convergence -0 08 56.79 dms
Station Ellipsoid Factor 0.999816
Station Combined Factor 0.999718

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
178707 664-12.87	106.236	1 113/2	0.999721	359 28 57.49	5.9	0.00
145854 664-12.86	139.653	1 93/2	0.999718	62 23 22.18	8.1	0.00
55236 664-12.112	204.538	1 73/2	0.999721	136 46 35.53	5.8	0.01
257170 664-12.85	205.318	1 68/2	0.999717	59 50 25.33	5.5	0.00
169037 664-12.84	206.114	1 68/2	0.999718	6 28 47.33	4.2	-0.01
225565 664-12.92	211.999	1 66/2	0.999718	226 11 33.15	5.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1979-08-16

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC BRASS TABLET ON TOP OF 5.1 CM X 2.7M STEEL PIPE.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1979-08-16

Originating Project 78016 78016
Published 83-07-27 83-07-27

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

ON W. SIDE OF RANGE WAY N.W. AND S. OF INTERSECTION RANGE WAY
AND RANGE DRIVE N.W.
- 0.7 M W. OF BACK OF WALK W. RANGE WAY.
- 0.3 M N. OF N P/L OF HOUSE #23
- 10.0 M W. OF A STORM MANHOLE.
- 87.5 M S. OF A MAJOR E-W POWERLINE.

NON COORDINATE REVISIONS

1979-08-16 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 12 120

00-06-15

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 120