

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 26.47799 dms
Longitude 114 11 43.02155 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 64006
Tablet Markings 664-12.89
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1190.668 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 5665334.614 m
Easting -13670.516 m
Convergence -0 09 07.31 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)
282277 664-12.88	131.014	1 122/2	0.999720	20 36 58.15	7.7	0.00
225565 664-12.92	164.650	1 79/2	0.999718	138 04 47.46	6.6	0.00
324350 664-12.162	187.476	1 96/2	0.999718	288 04 28.74	7.9	0.00
362277 664-12.161	225.347	1 80/2	0.999717	345 44 48.75	6.2	-0.01
38810 664-12.120	264.110	1 72/2	0.999719	84 44 01.69	6.1	0.00
178707 664-12.87	292.721	1 58/2	0.999720	63 31 49.40	4.7	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 -16.03 m 1 m

ASC BRASS TABLET ON TOP OF 5.1 CM X 1.5M STEEL PIPE.

COORDINATE HISTORY

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.
- 0.3 M W. OF FACE OF CURB W. RANGE WAY N.W.
- 0.6 M N. OF S P/L OF HOUSE #112
-64.9M NW OF HYDRANT SITUATED ON S/S OF RANGE WAY
-22.9M S OF PRODUCTION OF W/S OF HOUSE #107 RANGE WAY NW.
(DESC REVISED AS OF 84 05 31)

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 89

00-06-15

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 89