

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 51.05459 dms
Longitude 114 11 58.23779 dms
Horz Class INTEGRATED , ORDER 2

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

ASCM 4390
Tablet Markings 664-12.80
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1168.277 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 78-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664240.832 m
Easting -13969.368 m
Convergence -0 09 19.08 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999722

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
151100 661-12.225	115.512	1	112/2	0.999723	210 34 57.80	8.0	0.00
104406 661-12.226	137.846	1	94/2	0.999725	255 24 39.08	8.3	0.00
53355 661-12.261	138.839	1	101/2	0.999720	179 27 09.46	5.8	0.00
29058 661-12.260	229.360	1	74/2	0.999724	179 46 44.79	4.2	0.01
213967 661-12.255	261.181	1	57/2	0.999722	120 21 57.57	4.6	0.00
190215 661-12.258	270.407	1	63/2	0.999724	150 25 32.73	4.6	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1978-12-06

Originating Project 78039 78039
Published 83-08-18 83-08-18
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

AT INTERSECTION OF LANES BEHIND LOT 14, BLOCK 94, PLAN NO.
761-0683; 0.8' SOUTH OF NORTH BOUNDARY OF EAST-WEST LANE; 78.4'
NORTH OF WESTERLY PRODUCTION OF NORTH SIDE OF HOUSE NO. 7732
SILVER RIDGE WAY N.W.; 2.3' EAST OF WEST SIDE OF NORTH- SOUTH LANE;
4.0' EAST OF EAST SIDE OF A CITY OF CALGARY ELECTRICAL BOX. MARKER
POST 1' WEST OF MONUMENT.

NON COORDINATE REVISIONS

1978-12-06 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 80

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 12 80