

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 38.13626 dms
Longitude 114 12 31.76322 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 46722

Tablet Markings 661-12.233

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1158.855 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663843.467 m
Easting -14622.553 m
Convergence -0 09 45.14 dms
Station Ellipsoid Factor 0.999821
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
229757 661-12.92	210.935	1	43/2	0.999726	149 05 56.43	3.7	0.01
227702 661-12.235	235.553	1	38/2	0.999723	341 56 21.45	3.2	-0.01
137786 661-12.176	256.876	1	35/1	0.999724	133 21 14.94	3.1	0.01
224451 661-12.279	292.416	1	48/2	0.999725	230 52 09.14	3.8	0.01
45302 661-12.237	311.991	1	29/1	0.999724	90 00 31.74	2.3	0.00
369355 661-12.275	325.909	1	37/2	0.999725	299 02 44.72	3.1	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-11-18

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.98 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
7 CM BGL

COORDINATE HISTORY

HORZ VERT

Originating Project 76044 76044
Published 83-06-14 83-06-14

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

MARKER LOCATION

Updated: 1994-02-04

IN NE COR. OF CONC. DWY. PAD IN FRONT OF HOUSE #8471 64 AVE. NW;
0.30 M S OF B.O.R.C.; 0.20 M W OF E EDGE OF CONC. DWY. PAD;
1.30 M W OF E WALL OF FRONT GARAGE PROD. N.

NON COORDINATE REVISIONS

1977-09-09 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	1993-10-22	1994-02-04
MARKER REPORTED IN GOOD CONDITION	1991-08-15	1991-11-18
MARKER REPORTED IN GOOD CONDITION.	1988-10-28	1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 233

VERT

00-06-15

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 233