

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 18.84393 dms
Longitude 113 56 49.61650 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-08
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 17194
Tablet Markings 661+4.101
Mapsheet Name CALGARY B
Mapsheet Number 5661 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1100.715 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-02-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663227.928 m
Easting 3703.581 m
Convergence 0 02 28.18 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

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)
7658 661+4.148	401.826	1	27/1	0.999729	359 01 25.73	2.2	0.00
139816 661+8.52	443.414	1	27/1	0.999730	72 37 34.17	2.3	0.00
132324 661+8.51	450.720	1	31/2	0.999731	53 23 55.61	2.5	0.00
157164 661+4.105	483.793	1	33/2	0.999732	196 42 52.26	2.4	0.00
248260 661+4.150	487.163	1	25/1	0.999731	312 45 11.34	1.9	0.00
14886 661+8.54	491.548	1	28/2	0.999730	90 36 00.42	2.4	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.4 s 2 s
Geoid_Ellip Separation -16.49 m 1 m

MARKER TYPE

Updated: 1981-11-30

ASC BRASS TABLET SET IN CONC.

COORDINATE HISTORY

Originating Project 80056 80056
Published 81-11-01 81-11-01
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1988-11-15

LOCATED ON THE SOUTH SIDE OF FALSHIRE DRIVE AND EAST OF FALCON RIDGE BOULEVARD NORTH EAST; 0.3 M NORTH OF BACK OF WALK ON SOUTH SIDE OF FALSHIRE DRIVE; 3.7 M WEST OF A NORTH SOUTH POLE LINE; 3.95 M SOUTH WEST OF FIRE HYDRANT; IN LINE WITH NORTH SIDE GUTTER OF LANE.

NON COORDINATE REVISIONS

1981-11-30 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
MARKER REPORTED IN GOOD CONDITION.

1994-02-08 1995-02-03
1988-10-13 1988-11-15

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 4 101

VERT

99-10-21

0.006 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56613 4 101