

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 48.71709 dms
Longitude 113 56 40.36628 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 22673

Tablet Markings 658+4.332

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1080.164 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660443.168 m
Easting 3885.625 m
Convergence 0 02 35.32 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
113183 658+4.333	146.627	1 75/2	0.999731	277 34 06.34	5.6	0.00
65250 658+4.250	183.782	1 71/2	0.999732	246 26 40.69	6.0	0.00
73395 658+4.267	215.282	1 65/2	0.999731	223 24 50.56	5.6	0.00
14514 658+8.108	230.321	1 65/2	0.999735	46 32 19.93	5.5	0.00
215012 658+4.230	236.998	1 55/2	0.999732	314 05 12.06	4.2	0.00
44750 658+4.249	245.724	1 57/2	0.999732	256 21 37.07	4.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

ASC BRASS TABLET ON TOP OF A 2" X 10' STEEL PIPE.

COORDINATE HISTORY HORZ VERT

Originating Project 77045 77045
Published 82-03-01 82-03-01

Revising Project NAD83 98015
Published 94-05-24 99-10-21

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1988-11-08

LOCATED ON THE SOUTH WEST CORNER OF 300 - PINELAND PLACE AND PINELAND ROAD
NORTH EAST; 0.05 M SOUTH WEST OF BACK OF WALK ON CURVE; 4.35 M SOUTH OF
SOUTH BACK OF ROLLED CURB PRODUCED EAST; 1.47 M WEST OF WEST BACK OF WALK
PRODUCED NORTH; HOUSE #641 - PINELAND ROAD NORTH EAST LOT 8, BLOCK 37.

NON COORDINATE REVISIONS

1982-03-01 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.

1988-09-27 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 332

VERT

99-10-21

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 4 332