

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 07.13733 dms
Longitude 114 06 07.03641 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 22244

Tablet Markings 643-4.195

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1089.692 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-03-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646184.166 m
Easting -7163.641 m
Convergence -0 04 45.05 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
175489 643-4.198	204.363	1	54/2	0.999736		86 03 05.07	4.6	0.00
101824 646-4.295	212.082	1	57/2	0.999733		22 49 56.01	5.0	0.00
234013 646-4.294	213.586	1	42/2	0.999731	354 06 02.11		3.5	0.00
73916 643-4.209	261.118	1	50/2	0.999729	277 24 46.47		4.3	0.00
2162 646-4.291	267.558	1	41/2	0.999733	334 41 52.77		3.4	0.00
253120 646-4.301	309.432	1	48/2	0.999732	68 33 30.42		4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-31

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY HORZ VERT

Originating Project 77030 77030
Published 78-01-17 78-01-17

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

MARKER LOCATION

Updated: 2007-06-25

IN SIDEWALK JUST S OF TOWNHOUSE #6 - BANIFF RD SW; 3.9 M S OF S/WALL OF TOWNHOUS
E #6 PROD E; IN LINE WITH THE S/EDGE OF ASPHALT PATHWAY PROD E; 0.4 M NE OF BOW
ON CURVE; 3.8 M SE OF LT.S.

NON COORDINATE REVISIONS

1978-01-31 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.

2006-03-29 2007-06-25
1989-03-08 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 4 195

VERT

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 643-04.195 56434 4 195