

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 28.79126 dms
Longitude 114 06 50.50834 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 51920
Tablet Markings 643-4.179
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1103.658 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-03-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5645000.556 m
Easting -8013.936 m
Convergence -0 05 18.76 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
87833 643-8.43	148.522	1	61/2	0.999728	261 06 48.65	3.6	0.00
190231 643-4.178	151.803	1	66/2	0.999729	359 58 58.84	5.0	0.00
261636 643-4.176	186.144	1	54/2	0.999730	84 57 56.66	3.2	0.00
73601 643-4.219	206.293	1	68/2	0.999729	187 39 28.66	5.7	0.00
193474 643-4.177	225.633	1	44/2	0.999731	47 22 58.74	3.6	0.00
495648 643-4.259	249.593	1	56/2	0.999729	358 21 19.71	4.8	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-31

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.92 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-13

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

LOCATED ON THE NORTH WEST CORNER OF WOODVIEW ROAD AND WOODVIEW DRIVE SOUTH
WEST; AT INTERSECTION OF BACK OF WALKS.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
Revising Project
Published

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.

1989-03-06 1989-04-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 179

01-02-07 0.005 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.018 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.179 56434 4 179