

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 00.92331 dms
Longitude 114 03 19.06952 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 35063

Tablet Markings 643-0.22

Date Printed 2025-08-03
Last Updated 2006-06-23

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1049.225 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5645988.666 m
Easting -3885.488 m
Convergence -0 02 34.60 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Factor	Grid/ Grnd
24141 643-0.76	159.993	1	100/2	0.999733
139139 643-0.24	180.156	1	105/2	0.999741
213694 643-0.21	204.231	1	69/2	0.999737
206664 643-0.89	233.080	1	69/2	0.999744
33902 643-0.25	240.848	1	71/2	0.999738
29546 643-0.87	270.638	1	63/2	0.999739

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
273 32 41.87	8.6	0.00
112 26 35.48	8.8	0.00
36 15 54.77	4.7	0.00
137 15 43.43	5.9	0.00
18 07 11.04	5.4	0.00
190 06 41.40	3.6	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.8 s	2 s
Prime Vert Defl,ETA(+E)	5.8 s	2 s
Geoid_Ellip Separation	-16.07 m	1 m

MARKER TYPE

Updated: 1971-05-25

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

HORZ

VERT

Originating Project 70102 70102
Published 71-05-25 71-05-25

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2006-06-19

ON E/S OF RD IN SIKEWALK IN FRONT OF HOUSE #508 - WILLACY DR SE; 0.45 M W OF BOW
; 0.5 M S OF S/WALL OF HOUSE PROD W; IN LINE WITH C/L OF FRONT STEPS OF HOUSE.

NON COORDINATE REVISIONS

1971-05-25 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

2005-06-08 2006-06-19
1989-03-28 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 22

VERT

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.22 56434 0 22