

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 04.79761 dms
Longitude 114 07 28.29196 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10

Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 4994

Tablet Markings 643-8.82

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1097.743 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644260.372 m
Easting -8752.798 m
Convergence -0 05 48.07 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
159582 643-8.81	190.208	1	58/2 0.999731	233 58 30.23	3.6	0.00
127092 643-8.88	210.302	1	43/2 0.999735	92 34 43.02	3.5	0.00
256230 643-8.69	240.367	1	42/2 0.999733	53 08 23.05	3.7	0.00
259531 643-8.70	288.436	1	38/2 0.999729	300 09 51.12	3.1	0.00
261107 643-8.84	292.270	1	44/2 0.999732	2 37 57.54	3.0	-0.01
27821 643-8.89	305.507	1	56/2 0.999731	138 08 17.46	4.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-08-30

Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.88 m 1 m

ASC BRASS TABLET IN 7 X 250CM PIPE WITH HELIX.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-24

Originating Project 83047 83047
Published 84-09-05 84-09-05

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

LOCATED ON THE SOUTH EAST CORNER OF WOODACRES ROAD AND WOODFIELD ROAD SOUTH WEST; 12.0 CM EAST OF BACK OF SEPERATE WALK; 1.1 M SOUTH WEST OF INTERSECTION OF BACK OF SEPERATE WALK AND BACK OF ROLLED CURB ON CURVE; 28.0 CM NORTH EAST OF THE NORTH EAST PROPERTY LINE OF HOUSE #268 PRODUCED SOUTH EAST.

NON COORDINATE REVISIONS

1984-08-30 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	1990-09-14	1991-03-13
MARKER REPORTED IN GOOD CONDITION.	1990-03-29	1990-07-17
MARKER REPORTED IN GOOD CONDITION.	1989-02-22	1989-04-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 8 82

01-02-07

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 82