

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 14.23908 dms
Longitude 114 06 44.47863 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 60517

Tablet Markings 643-4.225

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

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1099.518 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: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644550.729 m
Easting -7896.909 m
Convergence -0 05 14.06 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
296558 643-4.217	119.813	1	83/2	0.999729	276 11 28.42	6.6	0.00
52464 643-4.227	134.740	1	89/2	0.999734	60 16 39.34	7.7	0.00
259275 643-4.216	142.913	1	91/2	0.999732	239 36 44.31	7.5	0.00
247619 643-4.212	155.478	1	96/2	0.999733	105 48 49.14	7.8	0.00
64295 643-4.223	174.481	1	80/2	0.999735	17 46 40.65	6.5	0.00
202408 643-4.214	185.096	1	86/2	0.999731	197 04 35.99	7.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1980-09-10

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.91 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1989-04-13

Originating Project 79042 79042
Published 79-12-01 79-12-01

LOCATED ON THE SOUTH EAST CORNER OF WOODSIDE ROAD AND WOODSIDE ROAD SOUTH WEST
(SOUTH WEST LEG); 5.0 CM EAST OF BACK OF WALK ON CURVE; IN LINE WITH THE SOUTH
PROPERTY LINE OF LOT 9, HOUSE #435 - WOODSIDE CIRCLE SOUTH WEST PRODUCED WEST.

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

NON COORDINATE REVISIONS

1980-09-10 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 4 225

01-02-07

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.225 56434 4 225