

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 04.39241 dms
Longitude 114 06 43.61290 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 51151
Tablet Markings 643-4.201
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1105.418 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-03-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5646100.387 m
Easting -7877.652 m
Convergence -0 05 13.45 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
116103 643-4.207	100.327	1 110/2	0.999730	2 43 20.73	6.9	0.00
285635 643-4.202	126.525	1 95/2	0.999727	49 03 04.50	7.5	0.00
64410	202.838	1 93/2	0.999731	155 13 39.51	7.9	0.00
113134 643-4.237	204.859	1 78/2	0.999732	120 08 35.53	5.4	0.00
236869 643-8.38	221.671	1 63/2	0.999727	276 11 22.71	4.1	0.00
88773 646-4.329	222.883	1 58/2	0.999729	359 51 16.98	4.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1979-10-11

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.94 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 79012 79012
Published 83-08-25 83-08-25
Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1989-04-13

LOCATED ON THE SOUTH EAST CORNER OF BRACEWOOD DRIVE AND BRACEWOOD DRIVE SOUTH WEST (SOUTH EAST LEG); 0.05 M SOUTH OF BACK OF WALK ON CURVE; IN LINE WITH THE EAST PROPERTY LINE HOUSE #580 (LOT 57) PRODUCED NORTH WEST; IN LINE WITH BACK OF WALK EAST PRODUCED SOUTH; 0.6 M NORTH OF BACK OF WALK SOUTH PRODUCED EAST; 4.8 M EAST OF CENTER LINE OF CATCH BASIN.

NON COORDINATE REVISIONS

1979-10-11 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.

1989-03-08 1989-04-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 4 201

VERT

01-02-07

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.201 56434 4 201