

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 18.13633 dms
Longitude 114 06 09.39786 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 77-03

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 7674

Tablet Markings 646-4.292

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1089.121 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-01-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5646524.087 m
Easting -7209.258 m
Convergence -0 04 46.89 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 2162 646-4.291 | 119.795 | 1 92/2 | 0.999726 | 215 00 24.18 | 4.6 | 0.00 |
| 234013 646-4.294 | 129.736 | 1 100/2 | 0.999729 | 169 29 05.26 | 8.2 | 0.00 |
| 101824 646-4.295 | 193.025 | 1 78/2 | 0.999730 | 138 29 28.59 | 6.6 | 0.00 |
| 219998 646-4.24 | 226.899 | 1 93/2 | 0.999732 | 99 49 54.37 | 6.9 | 0.00 |
| 243857 646-4.112 | 237.753 | 1 46/2 | 0.999735 | 355 11 36.81 | 4.1 | 0.00 |
| 93492 646-4.26 | 246.572 | 1 69/2 | 0.999734 | 27 01 43.54 | 5.8 | 0.00 |

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

| Component | Magnitude | Std Dev |
|--------------------------|-----------|---------|
| Meridian Defl, XI(+N) | 3.9 s | 2 s |
| Prime Vert Defl, ETA(+E) | 6.6 s | 2 s |
| Geoid_Ellip Separation | -15.97 m | 1 m |

MARKER TYPE

Updated: 1978-01-31

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

| | | |
|---------------------|----------|----------|
| Originating Project | 77030 | 77030 |
| Published | 78-01-17 | 78-01-17 |
| Revising Project | NAD83 | 98015 |
| Published | 94-05-24 | 99-10-21 |
| Revising Project | | |
| Published | | |
| Revising Project | | |
| Published | | |

MARKER LOCATION

Updated: 1988-06-27

EAST SIDE BRAESIDE DRIVE NORTH OF 111 AVE.
35.5' WEST OF BACK OF WALK EAST SIDE OF BRAESIDE DRIVE
PRODUCED SOUTH. 26.6' SOUTH-EAST OF LIGHT STANDARD.
2' SOUTH OF SOUTH PROPERTY LINE OF HOUSE # 11015 BRAESIDE
DRIVE. LOT 33, BLK 9, PLAN 6246 JK.

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

1988-01-15 1988-06-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 4 292

VERT

99-10-21

0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-04.292 56464 4 292