

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 49.68554 dms
Longitude 114 08 18.90150 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03

ASCM 68494

Tablet Markings 646-8.91

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1120.480 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5647503.057 m
Easting -9734.849 m
Convergence -0 06 27.52 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
239350 646-8.87	118.644	1 76/2	0.999727	41 51 47.38	4.7	0.00
78634 646-8.122	151.186	1 73/2	0.999730	33 02 10.72	5.5	0.00
475962 646-8.242	210.906	1 38/1	0.999729	239 49 37.79	3.1	0.00
217893 646-8.85	234.715	1 51/2	0.999727	114 13 55.75	4.3	0.00
296764 646-8.26	238.643	1 34/1	0.999730	304 36 05.84	2.8	0.00
287037 646-8.118	258.522	1 43/2	0.999729	60 28 28.36	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-07-24

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.91 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE.
FLUSH WITH GROUND

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-03-11

Originating Project 74116 74116
Published 83-04-29 83-04-29

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

LOCATED ON THE N. SIDE OF OAKRIDGE DRIVE BEHIND HOUSE #343-300 OAKRIDGE PLACE
S/W;
9.6M SOUTH OF SOUTH P.L. OF HOUSE #343-300 OAKRIDGE PL.;
9.40M EAST OF EAST P.L. OF WALKWAY;
LOCATED IN NORTH EDGE OF FLOWER BED.

NON COORDINATE REVISIONS

1974-07-24 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

1990-05-01 1991-03-11

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 91

01-02-07

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.91 56464 8 91