

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 54.14718 dms
Longitude 114 06 54.29383 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 57752

Tablet Markings 646-8.56

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1095.867 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5647638.079 m
Easting -8083.722 m
Convergence -0 05 21.81 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
253732 646-8.21	186.595	1	59/2 0.999731	271 10 16.37	2.5	0.00
32904 646-8.124	212.151	1	52/2 0.999735	181 51 39.84	4.2	0.00
285262 646-8.125	254.414	1	51/2 0.999732	208 16 37.64	4.3	0.00
283150 646-4.104	302.857	1	33/1 0.999733	89 34 48.30	2.1	0.00
85944 646-8.31	322.464	1	37/2 0.999732	321 58 38.19	2.9	-0.01
215525 646-8.128	398.974	1	30/2 0.999733	181 10 38.15	2.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-04-21

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

Originating Project 70104 70104
Published 71-04-21 71-04-21

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

HOUSE #9819
98 AVE. & PALISCLIFF RD.; N.W. COR.
0.90M SOUTH OF BOW NORTH PROD. WEST;
7.70M WEST OF EAST P/L OF HOUSE 2315 - 98 AVE. PROD. NORTH;
1.50 EAST OF CATCH BASIN.

NON COORDINATE REVISIONS

1971-04-21 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

1990-06-19 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 56

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-08.56 56464 8 56