

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 22.88814 dms
Longitude 114 05 28.25147 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 50096

Tablet Markings 646-4.45

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1080.479 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5646669.859 m
Easting -6406.053 m
Convergence -0 04 14.94 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62539 646-4.37	227.570	1 62/2	0.999737	174 59 22.53	4.2	0.00
24943 646-4.46	264.189	1 49/2	0.999731	6 42 41.02	3.8	0.00
204156 646-4.47	266.181	1 53/2	0.999730	30 42 57.42	4.4	0.00
21089 646-4.34	313.588	1 45/2	0.999736	225 49 25.93	3.5	0.00
105627 646-4.32	340.248	1 47/2	0.999733	319 39 22.12	4.1	0.00
208801 646-4.293	371.859	1 43/2	0.999733	222 35 34.10	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-10-11

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-10-11

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

ON E/S OF SOUTHAMPTON DR. AT 108 AVE. SW.; 0.7 M. E OF F.O.C. ON E/S OF
SOUTHAMPTON DR.; 2 M. N OF F.O.C. ON N/S OF 108 AVE.; 2.4 M. S OF
N. P/L OF HOUSE # 184 SOUTHAMPTON DR.; 4.3 M. N OF CENTRE OF C.B.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 77050
Published 83-08-03
Revising Project
Published

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

1990-09-12 1991-10-11

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 45

01-02-07 0.017 m ELEVATION REVISED AND REINTEGRATED
83-08-03 0.031 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.45 56464 4 45