

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 03.14286 dms
Longitude 114 06 14.91430 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 77-03

ASCM 52902

Tablet Markings 646-4.265

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1093.234 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5647914.895 m
Easting -7314.954 m
Convergence -0 04 51.23 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126516 646-4.305	177.139	1 73/2	0.999733	328 12 36.09	6.3	0.00
98061 646-4.266	177.671	1 62/2	0.999732	355 05 35.53	5.4	0.00
40162 646-4.221	184.672	1 70/2	0.999738	243 35 58.88	5.9	0.00
229609 646-4.302	193.595	1 67/2	0.999731	110 27 10.30	5.7	0.00
5470 646-4.309	249.215	1 56/2	0.999731	359 02 04.40	4.6	0.00
216713 646-4.220	280.494	1 50/2	0.999735	252 16 51.96	4.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-12-31

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM AGL, LANDSCAPED

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-12-31

Originating Project 77030 77030
Published 78-01-17 78-01-17

IN FRONT OF HOUSE NO. 336 - 300 PUMP HILL GARDENS S.W.; 4.2 M EAST OF B.O.R.C.
ON EAST SIDE OF 300 PUMP HILL GARDENS PRODUCED SOUTH; 1.5 M EAST OF THE EAST
PROPERTY LINE WOODEN FENCE OF HOUSE NO. 336 PRODUCED NORTH; 0.12 M SOUTH OF
B.O.R.C.

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

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
MARKER REPORTED IN GOOD CONDITION

1993-11-08 1993-12-31
1988-01-20 1988-06-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 265

01-02-07 0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.265 56464 4 265