

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

Horz Datum NAD83 Updated: 2007-07-23
Latitude 50 58 45.92937 dms
Longitude 114 05 42.58075 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 94-10
Date Printed 2025-08-03
Last Updated 2014-06-18

ASCM 38604
Tablet Markings 38604
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1071.233 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 08-05-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2014-06-18

Scale Factor 0.999900 At Ref Mer 114

Northing 5649236.105 m
Easting -6682.389 m
Convergence -0 04 26.16 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
66019 66019	1681.548	1	7/1	0.999737	88 51 18.49	0.7	0.00
2196 2196	1825.939	1	5/1	0.999734	0 23 47.12	0.4	-0.03
410738 410738	1877.127	1	7/1	0.999734	288 04 40.90	0.7	-0.01
57174 57174	1973.228	1	6/1	0.999734	180 43 22.03	0.3	0.03
62745 62745	2301.440	1	6/1	0.999736	133 26 57.20	0.4	0.02
107680 107680	2366.381	1	5/1	0.999736	45 04 52.16	0.4	-0.03

GEOID DATA (GSD95) Updated: 98-11-19

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

MARKER TYPE

Updated: 2006-06-19

HPN BRASS DATUM POINT SET ON A GROUND ROD WITH STABILIZER PLATE, IN MANHOLE.
15 CM BGL, UNDER MH COVER AND FRAME.

COORDINATE HISTORY

Originating Project 96005 96005
Published 98-11-18 98-11-18

Revising Project 26008
Published 07-07-23
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2006-06-19

LOCATED IN THE ISLAND ON THE SW CORNER OF 14 ST AND HERITAGE DR; 5.6 M N OF FOC
OF ISLAND; 7.4 M W OF E FOW OF ISLAND; 61 M NW OF TRAFFIC LT IN ISLAND.

NON COORDINATE REVISIONS

1998-11-04 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1998-11-04 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected	Updated
2008-05-26	2008-08-01
2005-07-25	2006-06-19
1999-02-19	1999-11-23

COORDINATE HISTORY COMMENTS

HORZ 07-07-23 64 42 51 0.014 m REV HORZ COORDINATES-BETTER INTEGRATION

HISTORICAL/OTHER MARKER NAMES

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