

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

Horz Datum NAD83 Updated: 2008-09-11
Latitude 51 09 15.34505 dms
Longitude 114 02 54.28729 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 97-01
Date Printed 2025-08-04
Last Updated 2020-07-10

ASCM 364497
Tablet Markings 364497
Mapsheet Name CALGARY H
Mapsheet Number 5667 - 000

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1073.777 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-02-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-10

Scale Factor 0.999900 At Ref Mer 114

Northing 5668681.579 m
Easting -3386.869 m
Convergence -0 02 15.74 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
424465 424465	1834.357	1	4/1	0.999733	14 51 35.56	0.3	-0.01
306043 306043	2983.856	1	2/1	0.999730	267 50 24.74	0.1	0.00
393728 393728	3508.160	1	4/1	0.999732	207 23 43.09	0.2	0.03
393363 393363	3621.097	1	2/1	0.999732	231 48 59.66	0.1	0.02
479741 479741	3885.660	1	2/1	0.999733	33 37 17.39	0.1	-0.02
885277 885277	4584.757	1	1/1	0.999732	315 06 23.85	0.1	-0.04

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.38 m 1 m

MARKER TYPE Updated: 1998-11-04
HPN BRASS DATUM POINT SET ON A GROUND ROD WITH STABILIZER PLATE, IN MANHOLE.
15 CM BGL.

COORDINATE HISTORY HORZ VERT

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

Revising Project 27003
Published 08-09-11
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1998-11-04
Located in concrete median on Country Hills Blvd. at 6 St. N.E. [Harvest Hills Gate]; 1.7m. S. of the N. l.o.g. of median; 2.3m. E. of the W. edge of concrete part of the median; 9.4m.W. of the W.bow of Harvest Hills Gate prod.N.

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
MARKER REPORTED IN GOOD CONDITION 1999-02-03 1999-11-23

COORDINATE HISTORY COMMENTS

HORZ 08-09-11 78 45 42 0.013 m REV HORZ COORDINATES-BETTER INTEGRATION

HISTORICAL/OTHER MARKER NAMES

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