

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 53.99576 dms
Longitude 114 04 38.45797 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03

ASCM 38596

Tablet Markings 2019.6A

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1081.229 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-10-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655045.749 m
Easting -5425.511 m
Convergence -0 03 36.50 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

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)
188110 2019.18	145.456	1	213/3	0.999731	159 37 06.94	17.9	0.00
85092 2019.17	281.113	1	110/3	0.999734	236 28 41.95	7.0	0.00
23184 2019.5	291.941	1	109/3	0.999735	90 41 27.00	7.8	0.00
245068 2019.10	359.812	1	100/3	0.999738	39 36 25.04	7.1	0.00
63297 2019.16	439.515	1	71/2	0.999733	250 37 53.82	4.6	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.9 s	2 s
Prime Vert Defl, ETA(+E)	5.9 s	2 s
Geoid_Ellip Separation	-16.17 m	1 m

MARKER TYPE

Updated: 1970-06-24

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	68102 70-06-24	68102 70-06-24
Revising Project Published	NAD83 94-05-24	98017 01-02-07
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1970-06-24

LOCATED IN FRONT OF HOUSE #625 (LOT 5) - HILLCREST AVENUE SOUTH WEST;
8.2 M SOUTH EAST OF BACK OF WALK PRODUCED NORTH EAST; 10.0 M SOUTH
WEST OF BACK OF WALK PRODUCED NORTH WEST; 33.0 CM SOUTH OF BACK OF
WALK ON CURVE.

NON COORDINATE REVISIONS

Date	Description
1970-06-24	FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2016-10-04	2016-11-02
MARKER REPORTED IN GOOD CONDITION	1991-10-29	1992-11-24
MARKER REPORTED IN GOOD CONDITION	1991-07-03	1991-12-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 84

VERT

01-02-07

0.033 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 84