

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

Horz Datum NAD83 Updated: 2017-06-30
Latitude 51 02 56.31894 dms
Longitude 114 04 51.16315 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 16-07

Date Printed 2025-08-03
Last Updated 2023-08-08

ASCM 1305

Tablet Markings 001305

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2017-06-30
Elevation 1049.862 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-12-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2023-08-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5656971.765 m
Easting -5670.947 m
Convergence -0 03 46.43 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

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)
367821 367821	180.816	1	28/1	0.999734	267 24 17.36	2.2	0.00
372722 372722	193.155	1	26/1	0.999738	2 14 30.86	2.2	0.00
354613 354613	288.816	1	24/1	0.999737	225 49 30.78	1.9	0.00
401042 401042	382.429	1	24/1	0.999739	273 47 41.91	1.9	0.00
318873 318873	525.425	1	15/1	0.999739	43 23 38.64	1.4	-0.01
289959 A3	589.450	1	15/1	0.999739	266 39 33.89	1.3	0.00

GEOID DATA (GSD95) Updated: 17-06-30

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.7 s	2 s
Prime Vert Defl, ETA(+E)	6.0 s	2 s
Geoid_Ellip Separation	-16.19 m	1 m

MARKER TYPE

Updated: 2017-06-29

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GRD, LANDSCAPED

COORDINATE HISTORY

HORZ VERT

Originating Project 36003 36003
Published 17-06-30 17-06-30

Revising Project
Published
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2017-06-29

MARKER IS LOCATED IN NE CORNER OF 5TH AVE AND 8TH ST. SW;
2.63M SW OF FIRE HYDRANT;
1.26M N OF N FOC (5TH AVE);
4.28M S OF TRAFFIC LIGHT ARM POST.

NON COORDINATE REVISIONS

Date	Description
2017-06-29	FIRST MARKER LOCATION DESCRIPTION ENTERED
2016-12-09	INSTALLATION DATE AND TABLET MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

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