

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 05.85535 dms
Longitude 114 07 14.71108 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 34926
Tablet Markings 1824.1
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1188.899 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 84-10-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5662832.189 m
Easting -8457.208 m
Convergence -0 05 38.32 dms
Station Ellipsoid Factor 0.999816
Station Combined Factor 0.999717

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
206292 190244	200.158	1	75/2	0.999719	84 23 35.62	2.8	0.00
16469 661-8.108	213.637	1	37/1	0.999719	244 47 25.47	3.2	0.00
55228 1824.26	220.669	1	36/1	0.999716	193 42 43.29	3.1	0.00
188862 661-8.111	340.482	1	35/2	0.999719	212 25 53.98	3.1	0.01
218750 1824.27	403.500	1	27/1	0.999721	161 16 17.65	2.3	0.01
262139 661-8.112	422.849	1	33/2	0.999720	216 54 22.69	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-05-22

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.17 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1970-05-22

Originating Project 69109 69109
Published 70-05-22 70-05-22
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

W. OF 24 ST. AND N. OF JOHN LAURIE BLVD.;
655' +/- W. OF STA. 190244; 658' +/- W. OF E. P.L. OF 24 ST.;
46.5' +/- W. OF W. P.L. OF 1ST LANE W. OF BRISBOIS DRIVE,
PROD. N. 30CM S OF GP.

NON COORDINATE REVISIONS

1970-05-22 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 31

99-10-21

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 8 31