

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 54.28308 dms
Longitude 114 09 27.49734 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 23721

Tablet Markings 655-8.189

Date Printed 2025-08-03
Last Updated 2021-11-15

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1143.651 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-10-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5656917.570 m
Easting -11053.204 m
Convergence -0 07 21.33 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999725

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)
287326 655-8.194	163.500	1	67/2	0.999722	199 41 27.04	4.5	0.00
248617 655-8.190	167.593	1	78/2	0.999724	117 21 13.50	5.4	0.00
31534 655-8.195	222.879	1	58/2	0.999724	229 26 09.99	5.0	0.00
183285 655-8.191	239.850	1	58/2	0.999726	134 43 26.71	4.8	0.00
227140 655-8.202	265.228	1	60/2	0.999725	75 31 30.35	4.8	0.00
210781	272.983	1	110/3	0.999723	59 25 27.92	7.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-07-03

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

ASC BRASS TABLET ON TOP OF 5CM X 3.0M STEEL PIPE
5 CM BGL, LANDSCAPED

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-01-25

Originating Project 72107 72107
Published 83-03-03 83-03-03

ON NW COR OF WEST VIEW DRIVE AND WARWICK DRIVE SW; 0.65M N OF B.O.W.PROD E;
5.3M W OF B.O.W. PROD S; 0.15 M NW OF B.O.W. ON CURVE.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1972-05-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	1992-10-21	1993-01-25
MARKER REPORTED IN GOOD CONDITION.	1991-08-12	1992-01-24
MARKER REPORTED IN GOOD CONDITION	1991-01-04	1991-07-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 189

00-06-15

0.015 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.189 56554 8 189