

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

Horiz Datum NAD83 Updated: 1994-05-24 Latitude 51 02 15.34347 dms Longitude 114 06 27.35306 dms Horiz Class INTEGRATED , ORDER 3	Marker Installed 72-03 Date Printed 2025-08-03 Last Updated 2019-03-25	ASCM 29355 Tablet Markings Mapsheet Name CALGARY G Mapsheet Number 5655 - 004
Vert Datum CVD28 Updated: 1970-06-24 Elevation 1121.793 m Vert Class NOT CLASSIFIED, NON-SIMUL TRIG	For current information call Geodetic Survey (780) 427-3143 FAX: (780) 427-1493	
	Marker Condition GOOD 89-04-11	

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated: 2019-03-25
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Scale Factor 0.999900 At Ref Mer 114 Northing 5655708.043 m Easting -7546.274 m Convergence -0 05 01.19 dms Station Ellipsoid Factor 0.999827 Station Combined Factor 0.999728	ASCM Tablet To Markings 277459 655-4.238 190488 655-4.239 138420 1920.2 173237 1920.8 101378 655-4.243 107508 655-4.241	Horizontal Std PPM/ Grid/ Grnd Distance Dev Order Factor (m)(cm) 213.327 1 70/2 0.999731 296.575 1 61/2 0.999728 320.328 1 59/2 0.999728 320.337 1 65/2 0.999730 365.499 1 46/2 0.999728 391.174 1 49/2 0.999729	Grid Bearing (dms) 152 29 20.83 163 11 32.51 309 17 35.64 344 26 03.54 222 07 22.36 193 02 13.61	Std Dev (s) 4.0 3.8 4.3 3.9 3.9 3.3	T-t Corr (s) 0.00 0.01 0.00 -0.01 0.01 0.01
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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) 6.3 s 2 s Geoid_Ellip Separation -16.11 m 1 m	MARKER TYPE HIGH POINT ----- MARKER LOCATION TOP OF SHARPLY POINTED SQUARE SPIRE ON FRONT (NORTH SIDE) OF THE CALGARY STAKE CENTRE, THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS, DIRECTLY SOUTH ACROSS 17TH AVENUE SOUTH FROM SCOTLAND STREET WEST, APPROXIMATELY 65' SOUTH OF SOUTH FACE OF CURB AT 17TH AVENUE. NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY (HIGH POINTS).
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COORDINATE HISTORY HORZ VERT Originating Project 72111 72111 Published 70-06-24 70-06-24 Revising Project NAD83 Published 94-05-24 Revising Project Published Revising Project Published	Updated: 1990-05-09 ----- Updated: 1973-02-06
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NON COORDINATE REVISIONS 1973-02-06 FIRST MARKER LOCATION DESCRIPTION ENTERED 2017-03-20 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED 2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED 1993-06-08 TABLET MARKINGS CHANGED FROM MORMONSPIR	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;"> MARKER CONDITION COMMENTS MARKER REPORTED IN GOOD CONDITION ----- COORDINATE HISTORY COMMENTS HORZ 94-05-24 VERT </td> <td style="width: 40%; text-align: right;"> Inspected Updated 1989-04-11 1990-05-09 ----- ALBERTA NAD83 READJUSTMENT </td> </tr> </table>	MARKER CONDITION COMMENTS MARKER REPORTED IN GOOD CONDITION ----- COORDINATE HISTORY COMMENTS HORZ 94-05-24 VERT	Inspected Updated 1989-04-11 1990-05-09 ----- ALBERTA NAD83 READJUSTMENT
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HISTORICAL/OTHER MARKER NAMES OLD ASC # 56554 4 250 HISTORY 56554 4 250	
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