

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

Horiz Datum NAD83 Updated: 1994-05-24 Latitude 51 02 06.16572 dms Longitude 113 56 12.50660 dms Horiz Class INTEGRATED , ORDER 2	Marker Installed 76-03 Date Printed 2025-08-03 Last Updated 2017-03-20	ASCM 6023 Tablet Markings 76A009 Mapsheet Name CALGARY B Mapsheet Number 5655 + 008
Vert Datum CVD28 Updated: 1999-06-21 Elevation 1052.941 m Vert Class INTEGRATED , SPIRIT LEVELS	For current information call Geodetic Survey (780) 427-3143 FAX: (780) 427-1493	
	Marker Condition	GOOD 90-06-20

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd	
	To Markings Distance Dev Order Factor	Grid Std T-t
		Bearing Dev Corr
		(dms) (s) (s)
Northing 5655420.847 m	65557 655+8.107 523.294 1 34/2 0.999737	305 10 38.33 2.9 0.00
Easting 4432.188 m	110841 655+8.99 695.397 1 27/2 0.999738	40 55 49.18 2.3 0.01
Convergence 0 02 56.88 dms	420471 652+4.197 729.608 1 26/2 0.999738	254 50 58.46 2.1 0.00
Station Ellipsoid Factor 0.999838	15685 655+8.102 869.655 1 22/1 0.999737	9 00 29.24 1.8 0.01
Station Combined Factor 0.999738	223297 652+4.81 911.498 1 19/1 0.999737	235 43 31.51 1.6 -0.01
	372383 655+4.332 931.374 1 19/1 0.999737	309 21 11.84 1.6 0.01

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

Component Magnitude Std Dev Meridian Defl,XI(+N) 3.0 s 2 s Prime Vert Defl,ETA(+E) 3.8 s 2 s Geoid_Ellip Separation -16.40 m 1 m	MARKER TYPE DEEP BENCH-MARK IN MANHOLE IN MANHOLE. 2 GP'S IN THE AREA.	Updated: 2001-12-06
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COORDINATE HISTORY HORZ VERT Originating Project 77117 77117 Published 83-08-11 83-08-11 Revising Project NAD83 99101 Published 94-05-24 99-06-21 Revising Project Published Revising Project Published	MARKER LOCATION LOCATED IN MANHOLE AT SITE OF GREEN SIDED CITY GARAGE TRUCK COMPOUND WEST OF 68 STREET SOUTH EAST AND SOUTH OF 17 AVENUE SOUTH EAST ON WEST SIDE OF PARKING LOT; 22.1 M WEST OF FENCE ON WEST SIDE OF PARKING LOT; 6.6 M WEST OF WEST SIDE OF GARAGE AND OFFICE BUILDING PRODUCED SOUTH; 59.3 M SOUTH OF SOUTH SIDE OF GARAGE AND OFFICE BUILDING PRODUCED WEST. NOTE: BENCHMARK MONUMENT - NOT DESIGNED FOR HORIZONTAL STABILITY. HORIZONTAL POSITION +/- 2 CM.	Updated: 1989-07-11
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NON COORDINATE REVISIONS

1977-04-20 FIRST MARKER LOCATION DESCRIPTION ENTERED 2017-03-20 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED 2003-03-12 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED 1992-12-16 NGDB NUMBER AND NGDB NAME ENTERED 1990-07-12 DUPLICATE ASCM# 335042 FOR THIS MARKER DELETED	MARKER CONDITION COMMENTS MARKER REPORTED IN GOOD CONDITION MARKER REPORTED IN GOOD CONDITION. MARKER REPORTED IN GOOD CONDITION COORDINATE HISTORY COMMENTS HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT	Inspected Updated 1990-06-20 1990-07-30 1989-03-20 1989-07-11 1988-03-09 1988-07-22
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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 8 400 NGDB # 76A009 NGDB NAME 76A009 HISTORY 56553 8 400	VERT 99-06-21 0.022 m ELEV REV-BETTER INTEGRATION TO CCS DBM NET 83-08-11 ELEV FROM CCS QUAD BOOK (VERT CONTROL DATA)	
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