

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

Horz Datum NAD83	Updated: 1994-05-24	ASCM	11023
Latitude 51 02 44.84590 dms		Marker Installed	79-03
Longitude 114 04 49.46334 dms		Tablet Markings	
Horz Class INTEGRATED	, ORDER 3	Date Printed	2025-08-03
		Last Updated	2019-01-21
Vert Datum CVD28	Updated: 1989-08-23	Mapsheet Name	CALGARY G
Elevation 1167.696 m		Mapsheet Number	5655 - 004
Vert Class INTEGRATED	, CONSULT AGENCY	For current information call Geodetic Survey	
		(780) 427-3143	FAX: (780) 427-1493
		Marker Condition	GOOD 89-04-10

3TM COORDINATES	ADJACENT MARKERS (calculated)		Updated: 2019-01-21
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Scale Factor 0.999900	At Ref Mer 114	ASCM Tablet	Horizontal Std PPM/ Grid/ Grnd	Grid	Std	T-t
		To Markings	Distance Dev Order Factor	Bearing	Dev	Corr
			(m)(cm)	(dms)	(s)	(s)
Northing 5656617.218 m		246173 636049	219.172 1 49/2 0.999725	67 40 31.87	3.6	0.00
Easting -5638.227 m		329193	222.255 1 111/3 0.999726	66 28 07.35	8.0	0.00
Convergence -0 03 45.10 dms		83394	370.566 1 35/2 0.999718	35 03 21.21	2.5	0.00
Station Ellipsoid Factor 0.999820		158469	377.170 1 34/2 0.999721	34 54 50.78	2.4	0.00
Station Combined Factor 0.999720		233932	913.036 1 27/2 0.999717	86 38 06.21	2.1	0.00
		28340 200208	1072.753 1 18/1 0.999729	292 40 27.50	1.4	-0.01

GEOID DATA (GSD95)	Updated: 96-01-06	MARKER TYPE	Updated: 1981-04-28
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Component	Magnitude	Std Dev	HIGH POINT LAG BOLT IN ROOF; HEXAGONAL HEAD - CENTRE PUNCHED.
Meridian Defl,XI(+N)	2.8 s	2 s	
Prime Vert Defl,ETA(+E)	6.0 s	2 s	
Geoid_Ellip Separation	-16.18 m	1 m	

COORDINATE HISTORY	HORZ	VERT	MARKER LOCATION	Updated: 1981-04-28
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Originating Project	78044	78044	WESTERN CENTRE; 825-8 AVE. SW;
Published	81-03-01	81-03-01	SE CORNER OF 8 AVE SW AND 8 ST SW
			3.72M SW OF NE CORNER OF 2ND ROOF LEVEL
			7.27M SE OF NW CORNER OF 2ND ROOF LEVEL
			6.93M E OF MAIN ANTENNA

Revising Project	NAD83	89153	
Published	94-05-24	89-08-23	
Revising Project			
Published			
Revising Project			
Published			

NON COORDINATE REVISIONS	MARKER CONDITION COMMENTS		Inspected Updated
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1981-04-28	FIRST MARKER LOCATION DESCRIPTION ENTERED		
2003-03-12	"MAPSHEET NAME" AND "MAPSHEET NO" CHANGED	MARKER REPORTED IN GOOD CONDITION	1989-04-10 1990-05-09
1993-06-08	TABLET MARKINGS CHANGED FROM WESTERN-CEN.BOLT		
1990-12-28	'VERT CLASS' CHANGED FROM "UNIQUE, CONSULT AGENCY"		

HORIZONTAL	94-05-24	ALBERTA NAD83 READJUSTMENT
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HISTORICAL/OTHER MARKER NAMES	VERT	
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OLD ASC # 56554	4	264	9.999 m ELEVATION RE-PUBLISHED
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HISTORY WESCENBOLT	56554	4	264
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