

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

Horz Datum NAD83	Updated: 1994-05-24	ASCM	19851
Latitude 50 58 18.59932 dms	Marker Installed 76-03		
Longitude 114 06 31.30757 dms		Tablet Markings	
Horz Class INTEGRATED , ORDER 4	Date Printed 2025-08-03		
	Last Updated 2017-03-20	Mapsheet Name	CALGARY F
Vert Datum CVD28	Updated: 1983-09-14	Mapsheet Number	5646 - 004
Elevation 1145.290 m	For current information call Geodetic Survey		
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG	(780) 427-3143 FAX: (780) 427-1493	Marker Condition	GOOD 90-09-07

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet	
	To Markings	
Horizontal Std PPM/ Grid/ Grnd		Grid Std T-t
Distance Dev Order Factor		Bearing Dev Corr
(m)(cm)		(dms) (s) (s)
Northing 5648392.946 m	211896 646-4.240	111.527 1 510/4 0.999728 240 49 55.54 48.0 0.00
Easting -7634.100 m	172569 646-4.231	181.827 1 331/4 0.999728 349 06 22.36 13.5 0.00
Convergence -0 05 03.98 dms	277350 646-4.228	207.900 1 294/4 0.999728 288 59 02.01 19.2 0.00
Station Ellipsoid Factor 0.999823	62000 646-4.225	224.865 1 271/4 0.999728 136 18 52.06 10.6 0.00
Station Combined Factor 0.999724	88187 646-4.224	248.750 1 247/4 0.999727 203 48 52.04 17.5 0.00
	45153 646-4.234	254.805 1 241/4 0.999727 8 25 48.45 13.7 0.00

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

Component	Magnitude	Std Dev	MARKER TYPE	Updated: 1976-06-02
Meridian Defl,XI(+N)	3.7 s	2 s	HIGHPOINT	
Prime Vert Defl,ETA(+E)	6.6 s	2 s		
Geoid_Ellip Separation	-15.99 m	1 m		

COORDINATE HISTORY	HORZ	VERT	MARKER LOCATION	Updated: 1976-06-02
Originating Project	76040	76040	MOTOROLA ANTENNA ON TOP OF EAST TOWER OF TWIN	
Published	83-09-14	83-09-14	TOWERS AT 90TH AVENUE AND WEST OF 19TH STREET S.W.; HERITAGE PLACE -	
			2105 - 90TH AVENUE S.W.	
Revising Project	NAD83		POINT OBSERVED: TOP OF NORTHEASTERLY ANTENNA.	
Published	94-05-24		NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY	
Revising Project			(HIGH POINTS). 85/08/26	
Published				
Revising Project				
Published				

NON COORDINATE REVISIONS

	MARKER CONDITION COMMENTS	Inspected	Updated
1976-06-02 FIRST MARKER LOCATION DESCRIPTION ENTERED			
2017-03-20 "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED	MARKER REPORTED IN GOOD CONDITION	1990-09-07	1991-08-19
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED			
1993-01-27 TABLET MARKINGS CHANGED FROM HERITAGE-PLACE			

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 4 246

VERT

HISTORY 56464 4 246