

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 37.47809 dms
Longitude 113 54 42.16360 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 74-03

ASCM 7898

Tablet Markings 661+8.3

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 008

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1093.588 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-04-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663806.096 m
Easting 6182.265 m
Convergence 0 04 07.39 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
700500 700500	599.329	1	18/1 0.999731	170 42 34.79	1.5	-0.01
799478 799478	793.405	1	16/1 0.999731	351 17 56.02	1.4	0.01
40295 661+8.42	1043.293	1	12/1 0.999731	220 26 32.05	1.0	-0.01
26898 661+8.28	1636.473	1	8/1 0.999732	274 50 16.30	0.7	0.00
611327 611327	1701.185	1	8/1 0.999732	284 09 13.11	0.7	0.01
159046 664+8.10	1714.927	1	10/1 0.999732	359 14 07.50	0.8	0.03

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.55 m 1 m

MARKER TYPE

Updated: 1995-02-03

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM BGL. 0.25M EAST OF M.P.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	75117	75117
Published	83-07-26	83-07-26
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1995-02-03

MONUMENT IS LOCATED ON THE EAST SIDE OF 84 STREET NORTH EAST JUST SIUTH OF 64 AVENUE FENCE LINE; 0.9 M EAST OF EAST BOUNDARY OF 84 STREET FENCE LINE; 24.4 M SOUTH OF 64 AVENUE FENCE LINE PRODUCED EAST; 11.1 M EAST OF THE CENTER LINE OF 84 STREET.

NOTE: ELEVATION AMENDED; REVISION PF #80056.

NON COORDINATE REVISIONS

1975-10-20 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	1992-04-10	1992-07-08
MARKER REPORTED IN GOOD CONDITION	1991-01-21	1991-09-20
MARKER REPORTED IN GOOD CONDITION	1989-11-06	1990-06-15
MARKER REPORTED IN GOOD CONDITION	1988-10-12	1988-11-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 8 3

VERT

99-08-16 0.032 m ELEVATION REVISED AND REINTEGRATED

HISTORY 661+08.3 56613 8 3