

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 04.50516 dms
Longitude 113 58 33.90912 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 73-03

ASCM 60905

Tablet Markings 664+04.23

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

Mapsheet Name CALGARY B
Mapsheet Number 5664 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1088.364 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-11-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664637.792 m
Easting 1674.290 m
Convergence 0 01 07.02 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
49221 664+04.22	400.542	1	30/1	0.999732	274 28 45.71	2.5	0.00
273623 661+04.42	540.595	1	26/1	0.999731	181 49 47.71	2.1	0.00
4804 661+4.44	947.595	1	18/1	0.999732	203 35 49.35	1.4	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.6 s	2 s
Prime Vert Defl,ETA(+E)	4.7 s	2 s
Geoid_Ellip Separation	-16.46 m	1 m

MARKER TYPE

Updated: 2016-03-18

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL, 0.35 M E OF GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	73124	73124
Published	74-05-17	74-05-17
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		91011
Published		91-12-04
Revising Project		
Published		

MARKER LOCATION

Updated: 2016-03-18

ON NE CORNER OF 72 AVE AND 40 ST NE; IN FRONT OF STORAGE LOT FOR TRAILERS
LOT 13, BLK 1, PLAN NO 2474 JK ON E/S OF 4 ST NE; 4.5 M W OF N-S STEEL
SHEETED FENCE; 6.6 M N OF E-W STEEL SHEETED FENCE S/S OF PROD. W.

NON COORDINATE REVISIONS

Date	Description
1983-04-19	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION, CAP PARTLY EFFACED	2015-11-17	2016-03-18
MARKER REPORTED IN GOOD CONDITION	1999-08-05	2001-08-17
MARKER REPORTED IN GOOD CONDITION	1994-04-08	1995-05-15
MARKER REPORTED IN GOOD CONDITION	1992-09-11	1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56643 4 23

VERT

99-10-21	0.022 m	REVISED ELEVATION-BETTER INTEGRATION
91-12-04	0.142 m	PREVIOUS TRIG ELEV REPLACED BY SPIRIT LEVEL

HISTORY 56643 4 23