

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 22.41426 dms
Longitude 114 04 49.77162 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 5496
Tablet Markings 664-4.63
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1117.583 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665193.990 m
Easting -5634.856 m
Convergence -0 03 45.59 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

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)
149625 664-4.61	123.247	1	114/2	0.999725	208 18 36.39	9.7	0.00
238071 664-4.65	160.910	1	87/2	0.999727	121 14 50.95	7.4	0.00
169979 664-4.60	178.962	1	95/2	0.999731	248 42 25.78	7.4	0.00
216291 664-4.142	314.943	1	57/2	0.999728	21 27 03.68	4.3	0.00
148569 664-4.48	320.513	1	53/2	0.999726	190 47 12.30	4.4	0.00
222893 664-4.144	325.576	1	55/2	0.999728	340 37 16.10	4.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-22

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-22

Originating Project 74114 74114
Published 74-08-01 74-08-01

ON N/S OF RD. IN FRONT OF HOUSE #1104 HUNTERSTON RD. NW; IN CONC. SIDEWALK;
1.2 M. N OF B.O.W.; IN LINE WITH E. WALL OF HOUSE PROD. S.; 2.9 M. NW OF CB.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1975-01-30 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

1993-12-20 1994-03-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 63

99-10-21

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.63 56644 4 63