

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 56.46164 dms
Longitude 114 04 17.95597 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 5512

Tablet Markings 664-4.37

Date Printed 2025-08-03
Last Updated 2020-07-28

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1086.951 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: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5664391.419 m
Easting -5016.955 m
Convergence -0 03 20.80 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126698 664-4.38	222.579	1	36/1	0.999735	9 18 08.33	2.9	0.00
262378 664-4.39	361.925	1	36/2	0.999732	306 10 09.49	3.0	0.00
44719 664-4.41	368.286	1	35/2	0.999730	264 41 52.45	3.0	0.00
14738 661-4.175	404.150	1	30/1	0.999729	239 34 46.74	2.4	0.00
59030 664-4.89	428.118	1	35/2	0.999734	28 35 50.77	3.0	0.00
3988 664-4.78	444.968	1	29/2	0.999735	77 51 21.51	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1975-01-30

Meridian Defl, XI(+N) 2.3 s 2 s
Prime Vert Defl, ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.29 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-23

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

ON W/S OF RD. IN FRONT OF HOUSE #7115 - 4 ST. N.W.; 0.05 M W OF
B.OF SEP.W; 13.7 M S OF N WALL OF HOUSE PROD. E; 22.0 M N NW OF LT.S. .

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 98015
Published 99-10-21
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 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 37

00-06-15 0.027 m REVISED ELEVATION-BETTER INTEGRATION
99-10-21 0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.37 56644 4 37