

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 21.05995 dms
Longitude 114 04 31.49432 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 57976

Tablet Markings 664-4.72

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1100.530 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: 2001-08-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5665151.766 m
Easting -5279.482 m
Convergence -0 03 31.36 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
238071 664-4.65	221.770	1	45/2	0.999729	259 17	04.28	3.7	0.00
46797 664-4.64	281.764	1	57/2	0.999728	275 39	23.89	4.5	0.00
110858 664-4.113	326.138	1	43/2	0.999730	20 50	25.77	3.6	0.00
243964 664-4.66	351.897	1	43/2	0.999731	197 46	15.68	3.6	0.00
5496 664-4.63	357.971	1	45/2	0.999727	276 46	33.13	3.6	0.00
132175 664-4.105	361.980	1	33/2	0.999731	57 52	53.95	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-23

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
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-23

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

MON IS LOCATED ON THE S/S OF 78 AVE NW AT THE E LEG OF HUNTERSTON CR NW; 1.3 M
S OF B.O.W. S/S 78 AVE; 4.2 M E OF B.O.W. E/S PROD.S; IN FRONT OF HOUSE NO.619
78 AVE NW; 3.8 M E OF CONC. RETAINING WALL PROD. N .

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
MARKER REPORTED IN GOOD CONDITION

1993-12-20 1994-03-23
1993-07-21 1993-10-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 72

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.72 56644 4 72