

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 55.34859 dms  
Longitude 114 04 36.80413 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 44719

Tablet Markings 664-4.41

Date Printed 2025-08-03  
Last Updated 2005-08-02

Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1104.671 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5664357.396 m  
Easting -5383.566 m  
Convergence -0 03 35.47 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor
14738 661-4.175	171.573	1	47/2	0.999730
11650 664-4.76	212.569	1	66/2	0.999727
262378 664-4.39	258.605	1	50/2	0.999729
110718 664-4.42	259.129	1	54/2	0.999728
72165 664-4.43	300.044	1	50/2	0.999728
160721 661-4.174	300.224	1	43/2	0.999729

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
173 54 41.25	3.8	0.00
246 14 16.72	5.4	0.00
16 45 05.88	4.2	0.00
324 22 23.74	4.5	0.00
293 39 18.33	4.0	0.00
200 51 22.47	3.2	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 -16.28 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 #7123 - 8 ST. N.W.; 1.2 M W OF B.O.W.;  
2.0 M S OF THE S WALL OF HOUSE PROD. E; IN LINE WITH S P/L FENCE PROD. E;  
16.8 M N NW OF LT.S. .

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

1993-12-22 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 41

99-10-21

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.41 56644 4 41