

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 09.62465 dms  
Longitude 114 05 59.54980 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 61044  
Tablet Markings 658-4.245  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1101.210 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5661092.486 m  
Easting -6997.319 m  
Convergence -0 04 39.76 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
136119 658-4.203	114.396	1 70/2	0.999731	7 47 03.40	5.5	0.00
64766 658-4.244	125.771	1 63/2	0.999726	213 48 20.55	5.6	0.00
17020 658-4.204	170.668	1 59/2	0.999735	40 22 43.50	5.1	0.00
129478 658-4.199	193.959	1 57/2	0.999726	172 51 42.84	4.8	0.00
105403	208.106	1 202/3	0.999728	172 48 22.52	16.4	0.00
139121 661-4.59	240.386	1 50/2	0.999730	359 28 46.33	4.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-20

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.2 s 2 s  
Geoid\_Ellip Separation -16.19 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 71103 71103  
Published 84-01-07 84-01-07

ON THE WEST SIDE OF ROAD IN FRONT OF HOUSE NO. 27 CLARENDON ROAD N.W.; 0.65 M  
WEST OF F.O.C.; 1.5 M SOUTH OF THE SOUTH WALL OF HOUSE PRODUCED EAST; 7.0 M  
WEST OF B.O.W. PRODUCED NE.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1971-12-20 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

1993-03-08 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 245

00-06-15

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.245 56584 4 245