

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 11.48167 dms  
Longitude 114 06 03.45615 dms  
Horz Class INTEGRATED , ORDER 3

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

ASCM 6056  
Tablet Markings 658-4.201  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1096.833 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 5661149.971 m  
Easting -7073.263 m  
Convergence -0 04 42.80 dms  
Station Ellipsoid Factor 0.999831  
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	107.158	1 102/2	0.999730	58 35 36.26	8.9	0.00
64766 658-4.244	162.118	1 62/2	0.999728	177 52 58.84	5.2	0.00
139121 661-4.59	197.198	1 61/2	0.999731	21 58 17.66	4.9	0.00
17020 658-4.204	200.128	1 60/2	0.999733	68 45 25.08	5.1	0.00
51060 661-4.57	202.543	1 49/2	0.999731	355 40 09.98	3.8	0.00
129478 658-4.199	269.242	1 45/2	0.999729	158 10 55.30	3.8	0.00

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

Component Magnitude Std Dev

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

MARKER TYPE

Updated: 1993-07-07

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

COORDINATE HISTORY

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

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

MARKER LOCATION

Updated: 1993-07-07

ON THE EAST SIDE OF ROAD IN FRONT OF HOUSE NO. 24 CALANDER ROAD N.W.; 1.0 M  
EAT OF B.O.W.; 1.8 M SOUTH OF THE SOUTH WALL OF HOUSE PRODUCED WEST; 18.4 M  
NORTH OF LT.S.

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

OLD ASC # 56584 4 201

VERT

00-06-15

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.201 56584 4 201