

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 03 34.13688 dms  
Longitude   114 00 17.83063 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed    68-03

ASCM      36319

Tablet Markings    G13

Date Printed      2025-08-03  
Last Updated      2010-07-30

Mapsheet Name    CALGARY G  
Mapsheet Number   5658 - 000

Vert Datum CVD28      Updated: 1999-10-21  
Elevation    1090.069 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      10-03-18

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor    0.999900    At Ref Mer 114

Northing    5658137.220 m  
Easting      -347.206 m  
Convergence   -0 00 13.87 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor   0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
241877 G15	183.928	1 103/2	0.999734	179 58 50.45	4.0	0.00
277632 2321.14	190.692	1 115/3	0.999735	295 53 20.78	4.3	0.00
81182 G11	197.810	1 111/3	0.999728	0 14 51.79	3.9	0.00
57505 2321.16	256.761	1 78/2	0.999735	219 17 58.27	6.6	0.00
161877 2321.15	331.966	1 63/2	0.999734	274 48 22.56	4.5	0.00
25049 2321.13	359.728	1 81/3	0.999730	333 41 53.06	5.4	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1970-04-01

Meridian Defl,XI(+N)    2.7    s    2    s  
Prime Vert Defl,ETA(+E)   4.7    s    2    s  
Geoid\_Ellip Separation -16.34 m    1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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COORDINATE HISTORY      HORZ      VERT

Originating Project      69105      69105  
Published      70-04-01    70-04-01

Revising Project      NAD83      98015  
Published      94-05-24    99-10-21  
Revising Project  
Published  
Revising Project  
Published

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MARKER LOCATION

Updated: 1970-04-01

WEST SIDE OF MCKINNON DRIVE AND NORTH OF MAUNSELL DRIVE NORTH EAST;  
7.1 M NORTH OF SOUTH PROPERTY LINE OF HOUSE #836, LOT 27 PRODUCED WEST  
2.8 M WEST OF FACE OF CURB; 4.9 M EAST OF WEST PROPERTY LINE (STEEL  
FENCE) OF MCKINNON DRIVE.

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NON COORDINATE REVISIONS

1970-04-01    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

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MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION

2010-03-18    2010-07-30

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554    0 148

VERT

99-10-21

0.039 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY      56554    0 148