

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 03 40.03730 dms  
Longitude   114 05 04.09968 dms  
Horz Class INTEGRATED    , ORDER 4

Marker Installed    70-03

ASCM      54288

Tablet Markings    658-4.37

Date Printed      2025-08-03  
Last Updated      2021-11-15

Mapsheet Name    CALGARY G  
Mapsheet Number   5658 - 004

Vert Datum CVD28      Updated: 1999-10-21  
Elevation    1081.833 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      93-04-14

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor    0.999900    At Ref Mer 114

Northing    5658322.923 m  
Easting      -5921.361 m  
Convergence   -0 03 56.53 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor   0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
84194 655-4.200	203.995	1	39/1 0.999734	214 47 43.26	3.1	0.00
7724 658-4.36	267.070	1	41/2 0.999735	95 40 32.07	3.6	0.00
56242 655-4.201	409.644	1	29/1 0.999736	243 59 16.75	2.5	0.00
181347 658-4.49	454.688	1	26/1 0.999733	46 02 50.61	2.2	0.00
240150 655-4.190	466.088	1	21/1 0.999736	143 08 17.14	1.9	0.01
19927 655-4.198	467.757	1	23/1 0.999736	191 30 44.98	2.0	0.01

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N)      2.6    s      2    s  
Prime Vert Defl,ETA(+E)    6.0    s      2    s  
Geoid\_Ellip Separation -16.20 m      1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1993-07-07

Originating Project      70106      70106  
Published      71-04-21    71-04-21

IN PARK ON EDGE OF HILL ACROSS FROM HOUSE NO. 1110 CRESCENT ROAD N.W.; 20.45 M  
WEST OF F.O.C. ON CURVE; 9.5 M NORTH OF SOUTH WALL OF HOUSE PRODUCED WEST;  
19.7 M WEST OF LT.S.; ON SOUTH SIDE OF LARGE PINE TREE.

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

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NON COORDINATE REVISIONS

1971-04-21    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

1993-04-14    1993-07-07  
1988-03-22    1988-07-20

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584    4    37

99-10-21

0.024 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.37      658-04    37