

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 03 11.81123 dms  
Longitude   114 10 34.77732 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed   82-11

ASCM      16550

Tablet Markings   655-12.104

Date Printed      2025-08-03  
Last Updated      2016-04-08

Mapsheet Name    CALGARY G  
Mapsheet Number   5655 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1213.580 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition   GOOD      95-02-09

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor   0.999900    At Ref Mer 114

Northing   5657462.151 m  
Easting    -12362.326 m  
Convergence   -0 08 13.69 dms  
Station Ellipsoid Factor 0.999812  
Station Combined Factor   0.999714

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
284166 655-12.105	121.043	1 140/3	0.999712	63 03 04.52	6.1	0.00
154799 655-12.103	135.499	1 125/3	0.999720	251 20 04.53	6.2	0.00
20222 655-12.99	191.903	1 83/2	0.999717	89 50 57.05	6.9	0.00
225342 655-12.101	212.120	1 99/3	0.999713	334 23 46.79	7.9	-0.01
245670 655-12.92	311.837	1 51/2	0.999716	255 43 57.80	4.1	0.00
101121 655-12.78	344.662	1 70/2	0.999713	304 21 46.00	5.8	-0.01

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

Component                      Magnitude    Std Dev

MARKER TYPE

Updated: 1983-06-28

Meridian Defl,XI(+N)      2.9    s      2    s  
Prime Vert Defl,ETA(+E)   7.1    s      2    s  
Geoid\_Ellip Separation -15.98 m      1    m

ASC CAP SET IN CONCRETE SIDEWALK

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COORDINATE HISTORY                      HORZ                      VERT

Originating Project                      82045                      82045  
Published                      83-07-18                      83-07-18

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

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MARKER LOCATION

Updated: 1993-10-01

ON S/S OF RD IN FRONT OF HOUSE NO.588 COACH GROVE RD SW; 0.56 M N OF B.O.W.;  
1.4 M W OF THE MOST WESTERTLY WALL OF HOUSE PROD.N; 20.4 M W OF LT.S.

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NON COORDINATE REVISIONS

1983-06-28    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  
MARKER REPORTED IN GOOD CONDITION

1995-02-09    1995-07-05  
1993-07-21    1993-10-01

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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 # 56554 12 104

00-06-15

0.012 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY                      56554 12 104