

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 05 58.91661 dms  
Longitude   114 07 17.38083 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    71-03

ASCM      55228

Tablet Markings    1824.26

Date Printed      2025-08-03  
Last Updated      2013-01-17

Mapsheet Name    CALGARY G  
Mapsheet Number   5661 - 008

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1153.184 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      93-07-08

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor    0.999900    At Ref Mer 114

Northing    5662617.870 m  
Easting      -8509.501 m  
Convergence   -0 05 40.39 dms  
Station Ellipsoid Factor 0.999822  
Station Combined Factor   0.999723

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
188862 661-8.111	149.346	1	60/2	0.999723	240 44	21.12	5.3	0.00
16469 661-8.108	187.348	1	43/2	0.999722	311 11	30.67	3.5	0.00
34926 1824.1	220.669	1	36/1	0.999716	13 42	43.29	3.1	0.00
262139 661-8.112	236.559	1	51/2	0.999724	238 27	40.29	4.4	0.00
218750 1824.27	247.419	1	36/2	0.999727	132 41	21.31	3.1	0.00
206292 190244	343.484	1	43/2	0.999719	47 04	23.49	3.0	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1993-11-18

Meridian Defl,XI(+N)    2.4    s    2    s  
Prime Vert Defl,ETA(+E)   6.4    s    2    s  
Geoid\_Ellip Separation -16.17 m    1    m

IRON BAR 1.5 M LONG

3 CM BGL, 2.0 M S OF GP

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1971-12-10

Originating Project      71105      71105  
Published      71-10-21    71-10-21

ON S/S OF JOHN LAURIE BLVD AND SW OF 5TH LTS W OF CHARLESWOOD DR NW;  
2.0 M S OF E-W STEEL FENCE; 17.2 M SW OF LTS; 21.4 M N OF E-W POW.L.  
(SLOPE DISTANCE).

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

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NON COORDINATE REVISIONS

1971-12-10    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

1993-07-08    1993-11-18

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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 # 56614    8    109

00-06-15

0.028 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY      661-08    109