

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 00 09.37572 dms  
Longitude   113 59 14.21571 dms  
Horz Class INTEGRATED      , ORDER 2

Marker Installed    78-03

ASCM      38158

Tablet Markings    649+4.86

Date Printed      2025-08-03  
Last Updated      2017-03-20

Mapsheet Name    CALGARY B  
Mapsheet Number   5649 + 004

Vert Datum CVD28      Updated: 1999-08-16  
Elevation    1045.355 m  
Vert Class INTEGRATED      , SPIRIT LEVELS

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

Marker Condition    GOOD      94-11-01

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor    0.999900    At Ref Mer 114

Northing    5651810.293 m  
Easting      892.625 m  
Convergence    0 00 35.58 dms  
Station Ellipsoid Factor 0.999839  
Station Combined Factor   0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
228106 649+4.85	130.276	1	61/2	0.999738	121 06 07.37	4.9	0.00	
124123 649+4.73	255.846	1	43/2	0.999738	220 24 41.18	2.9	0.00	
45567 649+4.23	322.042	1	40/2	0.999740	328 52 31.78	3.4	0.00	
215574 649+4.72	340.334	1	32/2	0.999738	179 25 40.02	2.8	0.00	
57208 649+4.29	395.137	1	28/1	0.999738	218 03 17.03	2.1	0.00	
243139 649+4.125	434.171	1	30/2	0.999739	173 42 03.35	2.5	0.00	

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GEOID DATA (GSD95)      Updated: 17-03-20

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1994-12-02

Meridian Defl,XI(+N)      3.1    s      2    s  
Prime Vert Defl,ETA(+E)    4.4    s      2    s  
Geoid\_Ellip Separation -16.28 m      1    m

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

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1994-12-02

Originating Project      78025      78025  
Published      78-12-18    78-12-18

ON THE NORTH SIDE OF 56 AVENUE AT THE REAR OF BUILDING NO.5700-BARLOW TRAIL  
SOUTH EAST; 0.45 M EAST OF THE WEST OF BUILDING NO.5700 PRODUCED NORTH; 0.2 M  
NORTH OF FACE OF CURVE; 10.0 M SOUTH WEST OF AN AGT PEDESTAL.

Revising Project      NAD83      98014  
Published      94-05-24    99-08-16  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

1978-12-18    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
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

1994-11-01    1994-12-02  
1993-07-22    1994-01-24

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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 # 56493    4    86

99-08-16      0.008 m    ELEVATION REVISED AND REINTEGRATED

HISTORY 649+04.86      56493    4    86