

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 00 44.45032 dms  
Longitude   114 09 18.52725 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    72-03

ASCM      30031

Tablet Markings    652-8.92

Date Printed      2025-08-03  
Last Updated      2007-06-20

Mapsheet Name    CALGARY G  
Mapsheet Number   5652 - 008

Vert Datum CVD28      Updated: 2001-02-07  
Elevation    1142.228 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      93-01-22

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor    0.999900    At Ref Mer 114

Northing    5652905.452 m  
Easting     -10886.939 m  
Convergence   -0 07 14.13 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor   0.999725

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
242701 652-8.91	107.057	1 75/2	0.999723	278 09 53.20	5.1	0.00
53033 652-8.93	175.642	1 51/2	0.999725	81 22 08.83	4.0	0.00
38562 652-8.94	221.093	1 50/2	0.999726	45 29 48.91	4.2	0.00
62430 652-8.111	281.097	1 36/2	0.999726	322 30 18.81	3.0	-0.01
66662 652-8.109	303.153	1 36/2	0.999724	359 15 33.39	3.2	-0.01
30403 652-8.95	344.854	1 35/2	0.999727	88 55 03.13	2.9	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1991-11-22

Meridian Defl,XI(+N)      3.3    s      2    s  
Prime Vert Defl,ETA(+E)    7.1    s      2    s  
Geoid\_Ellip Separation -15.96 m      1    m

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

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1991-11-22

Originating Project      72108      72108  
Published      83-02-03    83-02-03

ON S/S OF 46 AVE. SW AT 47 ST.; 0.58 M. S OF B.O.W. ON S/S OF 46 AVE.;  
1.3 M. W OF F.O.W. ON E/S OF 47 ST. PROD. S.; 4.2 M. SE OF C.B.

Revising Project      NAD83      98017  
Published      94-05-24    01-02-07  
Revising Project           98016  
Published           00-06-15  
Revising Project  
Published

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NON COORDINATE REVISIONS

1973-04-26    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

1993-01-22    1993-06-11  
1991-04-22    1991-11-22

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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 # 56524    8    92

01-02-07      0.022 m    ELEVATION REVISED AND REINTEGRATED  
00-06-15      0.005 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.92      56524    8    92