

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    50 57 04.96096 dms  
Longitude   114 06 47.87024 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    79-03

ASCM      57844

Tablet Markings    643-4.205

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

Mapsheet Name    CALGARY F  
Mapsheet Number   5646 - 004

Vert Datum CVD28      Updated: 2001-02-07  
Elevation    1106.165 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      89-03-08

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor    0.999900    At Ref Mer 114

Northing    5646118.081 m  
Easting      -7960.719 m  
Convergence   -0 05 16.76 dms  
Station Ellipsoid Factor 0.999829  
Station Combined Factor   0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
116103 643-4.207	120.528	1 108/2	0.999734	46 47 42.28	8.8	0.00
236869 643-8.38	137.430	1 87/2	0.999726	272 35 11.14	5.0	0.00
285635 643-4.202	190.187	1 74/2	0.999730	69 56 37.04	5.6	0.00
88773 646-4.329	221.157	1 59/2	0.999732	21 54 35.55	5.1	0.00
104687 646-4.331	229.201	1 57/2	0.999728	355 45 29.00	4.9	0.00
64410	262.685	1 72/2	0.999729	140 13 07.33	5.8	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1979-10-11

Meridian Defl,XI(+N)      4.0    s      2    s  
Prime Vert Defl,ETA(+E)    6.8    s      2    s  
Geoid\_Ellip Separation -15.94 m      1    m

ASC CAP SET IN CONCRETE SIDEWALK

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1989-04-13

Originating Project      79012      79012  
Published      83-08-25    83-08-25

LOCATED ON THE NORTH EAST CORNER OF BRACEWOOD RISE AND BRACEWOOD DRIVE SOUTH  
WEST (SOUTH LEG); 0.2 M SOUTH OF BACK OF WALK ON CURVE; 2.3 M NORTH OF BACK OF  
WALK NORTH PRODUCED WEST; 2.3 M EAST OF BACK OF WALK EAST PRODUCED SOUTH.

Revising Project      NAD83      98017  
Published      94-05-24    01-02-07  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

1979-10-11    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.

1989-03-08    1989-04-13

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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 # 56434    4    205

01-02-07

0.016 m    ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.205      56434    4    205