

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    50 58 14.01707 dms  
Longitude   114 07 51.97748 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed    72-03

ASCM      56416

Tablet Markings    646-8.39

Date Printed      2025-08-03  
Last Updated      2005-08-02

Mapsheet Name    CALGARY F  
Mapsheet Number   5646 - 008

Vert Datum CVD28      Updated: 2001-02-07  
Elevation    1102.289 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      90-05-01

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor    0.999900    At Ref Mer 114

Northing    5648253.917 m  
Easting      -9208.157 m  
Convergence   -0 06 06.64 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor   0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
127464 646-8.40	133.287	1	60/2	0.999725	225 04 25.98	4.1	0.00
222372 646-8.120	182.978	1	60/2	0.999732	246 03 31.98	4.6	0.00
185793 646-8.119	209.168	1	57/2	0.999729	246 14 52.39	4.4	0.00
158279 646-8.121	214.673	1	33/1	0.999734	119 25 45.39	2.9	0.00
121764 646-8.112	273.597	1	40/2	0.999728	262 43 03.86	3.5	0.00
182535 646-8.111	313.910	1	38/2	0.999729	246 39 59.79	3.1	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1972-08-09

Meridian Defl,XI(+N)    3.7    s    2    s  
Prime Vert Defl,ETA(+E)   6.9    s    2    s  
Geoid\_Ellip Separation -15.94 m    1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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COORDINATE HISTORY      HORZ      VERT

Originating Project      72115      72115  
Published      83-03-19    83-03-19

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

Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1991-03-08

S.E. COR. OF PALLISER DRIVE AND OAKFIELD DRIVE;  
0.30M SOUTH OF B.O.W.;  
0.30M EAST OF B.O.W.;  
IN FRONT OF SHOPPING MALL.

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NON COORDINATE REVISIONS

1972-08-09    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

1990-05-01    1991-03-08

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464    8    39

VERT

01-02-07

0.018 m    ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.39      56464    8    39