

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 08 06.03369 dms  
Longitude   114 06 26.28701 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    83-02

ASCM      7492

Tablet Markings    664-4.186

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

Mapsheet Name    CALGARY H  
Mapsheet Number   5664 - 004

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1147.504 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      94-01-14

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor    0.999900    At Ref Mer 114

Northing    5666544.220 m  
Easting      -7509.715 m  
Convergence   -0 05 00.77 dms  
Station Ellipsoid Factor 0.999823  
Station Combined Factor   0.999724

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)
114504 664-4.213	249.608	1	24/1	0.999722	347 39 58.39	1.8	0.00
296210 664-4.185	262.493	1	46/2	0.999723	251 58 23.67	2.7	0.00
68346 664-4.147	400.475	1	20/1	0.999724	166 04 09.50	1.5	0.01
247353 664-4.184	453.124	1	24/1	0.999722	270 13 57.81	2.1	0.00
94524 664-4.212	519.038	1	23/1	0.999723	287 08 07.37	1.9	0.00
144329 664-4.35	522.666	1	15/1	0.999725	7 58 34.69	1.2	-0.01

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1992-04-30

Meridian Defl,XI(+N)      2.2    s      2    s  
Prime Vert Defl,ETA(+E)    6.3    s      2    s  
Geoid\_Ellip Separation -16.24 m      1    m

A.S.C. BRASS TABLET ON 7 X 250 CM HEAVY WALL PIPE WITH HELIX  
FLUSH WITH GROUND, LANDSCAPED, 1 GP

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1994-03-09

Originating Project      82050      82050  
Published      83-05-11    83-05-11

IN CENTER MEDIAN N OF INT. OF MACEWAN DR. AT 14 ST. NW;  
3.37 M N OF B.OF SEP.W. N/S PROD. E; 0.30 M E OF F.O.C.  
W/S OF MEDIAN; 3.10 M W OF N-S STEEL FENCE.

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

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NON COORDINATE REVISIONS

1983-05-11    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	1994-01-14	1994-03-09
MARKER REPORTED IN GOOD CONDITION	1991-10-10	1992-04-30
MARKER REPORTED IN GOOD CONDITION	1990-12-10	1991-07-31
MARKER REPORTED IN GOOD CONDITION	1988-03-29	1988-05-30

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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 # 56644    4    186

00-06-15

0.016 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY      56644    4    186