

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 02 47.52363 dms  
Longitude   114 09 00.54652 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    72-03  
  
Date Printed        2025-08-03  
Last Updated        2016-04-08

ASCM            38331  
  
Tablet Markings    655-8.205  
  
Mapsheet Name      CALGARY G  
Mapsheet Number    5655 - 008

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1134.886 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            07-10-15

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor    0.999900    At Ref Mer 114

Northing    5656707.611 m  
Easting     -10528.706 m  
Convergence   -0 07 00.36 dms  
Station Ellipsoid Factor 0.999825  
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
28555 655-8.204	166.272	1 72/2	0.999724	274 52 24.71	5.0	0.00
171348 655-8.216	345.786	1 43/2	0.999725	27 28 07.65	3.2	-0.01
183285 655-8.191	356.619	1 53/2	0.999725	276 38 23.54	4.6	0.00
64774 655-8.184	378.828	1 42/2	0.999727	117 49 50.21	3.6	0.00
35170 655-8.215	380.866	1 42/2	0.999725	56 25 09.10	3.4	-0.01
292193 655-8.187	381.123	1 55/2	0.999727	300 52 47.42	4.5	-0.01

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

Component                    Magnitude    Std Dev

Meridian Defl, XI(+N)        2.9    s        2    s  
Prime Vert Defl, ETA(+E)    6.9    s        2    s  
Geoid\_Ellip Separation -16.03 m    1    m

MARKER TYPE

Updated: 1993-02-02

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

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COORDINATE HISTORY                    HORZ            VERT

Originating Project            72107        72107  
Published            83-03-03    83-03-03

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

MARKER LOCATION

Updated: 1993-02-02

ON S/S OF RD IN FRONT OF DUPLEX No.29 ROSSMERE RD SW;  
1.80 M EAST OF WEST P/L FENCE OF DUPLEX #29, PROD. N; 0.25 M SOUTH OF B.O.W.  
PROD. E.; 0.60 M SE OF B.O.W. ON CURVE; 4.80 M SW OF CENTRE OF CB.

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NON COORDINATE REVISIONS

1972-05-10    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	2007-10-15	2007-11-28
MARKER REPORTED IN GOOD CONDITION	1992-11-28	1993-02-02
MARKER REPORTED IN GOOD CONDITION	1992-10-21	1993-01-26

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554    8    205

VERT

00-06-15

0.016 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.205            56554    8    205