

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 01 48.59888 dms  
Longitude   114 07 57.99850 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    72-03

ASCM      9415

Tablet Markings    652-8.68

Date Printed      2025-08-03  
Last Updated      2017-03-20

Mapsheet Name    CALGARY G  
Mapsheet Number   5652 - 008

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1119.605 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      16-03-21

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor    0.999900    At Ref Mer 114

Northing    5654884.532 m  
Easting      -9313.684 m  
Convergence   -0 06 11.63 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor   0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
259622 652-8.61	275.384	1 47/2	0.999726	52 02 15.96	4.0	0.00
260034 652-8.72	278.846	1 47/2	0.999725	225 58 51.23	3.9	0.00
229526 652-8.70	323.230	1 37/2	0.999727	3 11 36.82	3.1	-0.01
88468 655-8.114	395.118	1 35/2	0.999727	330 01 52.58	3.0	-0.01
183392 652-8.78	397.567	1 35/2	0.999727	269 49 36.73	2.5	0.00
70607 652-8.73	408.917	1 39/2	0.999728	206 27 37.13	3.2	0.01

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GEOID DATA (GSD95)      Updated: 17-03-20

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1997-08-20

Meridian Defl,XI(+N)      3.0    s    2    s  
Prime Vert Defl,ETA(+E)    6.7    s    2    s  
Geoid\_Ellip Separation -16.04 m    1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND, LANDSCAPED

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1985-06-13

Originating Project      72110      72110  
Published      84-01-03    84-01-03

NW COR OF 26 AVE & 31 ST SW; 1.98M W OF B.O.W. W; 4.57M N OF B.O.W.  
N; 1.7M NW OF B.O.W. ON CURVE; 3.45M SW OF LTS; 7.2M NE OF CB.

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

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NON COORDINATE REVISIONS

	1973-05-02	FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED	
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED	

MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION, CAP EFFACED	2016-03-21	2017-03-16
MARKER REPORTED IN GOOD CONDITION	2013-11-29	2014-01-07
MARKER REPORTED IN GOOD CONDITION	2009-04-06	2009-06-04
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.	2003-01-17	2003-05-06

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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    68

00-06-15

0.007 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.68      56524    8    68