

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 00 51.65437 dms  
Longitude   114 09 27.32719 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    72-03  
  
Date Printed        2025-08-03  
Last Updated        2007-06-20

ASCM            62430  
  
Tablet Markings    652-8.111  
  
Mapsheet Name      CALGARY G  
Mapsheet Number    5652 - 008

Vert Datum CVD28      Updated: 2001-02-07  
Elevation    1137.712 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            93-01-21

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor    0.999900    At Ref Mer 114

Northing    5653128.416 m  
Easting     -11057.993 m  
Convergence   -0 07 20.99 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
275982 652-8.112	178.796	1	45/2	0.999728	298 58 58.56	3.8	0.00	
66662 652-8.109	185.381	1	59/2	0.999726	64 23 58.15	5.0	0.00	
242701 652-8.91	217.787	1	41/2	0.999728	162 35 57.55	3.3	0.01	
30031 652-8.92	281.097	1	36/2	0.999726	142 30 18.81	3.0	0.01	
38562 652-8.94	335.756	1	36/2	0.999725	101 41 37.21	3.0	0.00	
96974 652-8.107	371.124	1	32/2	0.999726	71 44 45.88	2.7	0.00	

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

Component                    Magnitude    Std Dev

Meridian Defl,XI(+N)        3.3    s        2    s  
Prime Vert Defl,ETA(+E)    7.1    s        2    s  
Geoid\_Ellip Separation -15.96 m    1    m

MARKER TYPE

Updated: 1991-11-25

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRND

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COORDINATE HISTORY

HORZ

VERT

Originating Project        72108        72108  
Published            83-02-03    83-02-03

Revising Project            NAD83        98017  
Published            94-05-24    01-02-07  
Revising Project                            98016  
Published                            00-06-15  
Revising Project  
Published

MARKER LOCATION

Updated: 1991-11-25

ON NE CORNER OF S. AND W. BRANCHES OF GLAMORGAN WAY SW.; 5.8 M. E OF B.O.W.  
ON E/S OF GLAMORGAN WAY PROD. S.; 3.5 M. N OF B.O.W. ON N/S OF GLAMORGAN  
WAY PROD. W.; 0.25 M. SW OF B.O.W. ON CURVE.

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NON COORDINATE REVISIONS

1973-04-26    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  
MARKER REPORTED IN GOOD CONDITION

1993-01-21    1993-06-11  
1991-04-18    1991-11-25

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524    8    111

VERT

01-02-07            0.020 m    ELEVATION REVISED AND REINTEGRATED  
00-06-15            0.006 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 652-08.111            56524    8    111