

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 19.87845 dms  
Longitude 114 05 21.96935 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 67-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 5231  
Tablet Markings D72  
Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1090.150 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-10-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5652138.550 m  
Easting -6276.821 m  
Convergence -0 04 10.24 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
24281 D70	282.982	1	46/2	0.999733	93 06 08.58	3.2	0.00
66563 D71	364.748	1	36/2	0.999735	6 17 20.85	2.9	-0.01
93989 D75	371.386	1	38/2	0.999733	295 28 36.22	3.1	0.00
257022 D76	391.922	1	38/2	0.999733	126 07 51.19	3.3	0.00
81836 D73	410.167	1	37/2	0.999731	329 41 05.84	3.1	-0.01
127712 D82	447.599	1	29/2	0.999734	213 40 15.34	2.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-09-27

Meridian Defl,XI(+N) 3.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.2 s 2 s  
Geoid\_Ellip Separation -16.10 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-09-27

Originating Project 69102 69102  
Published 70-06-09 70-06-09  
Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98014  
Published 99-08-16  
Revising Project  
Published

IN CALGARY GOLF & COUNTRY CLUB ON THE N/S OF COURSE ON TOP OF A SMALL HILL WEST OF THE 17TH GREEN;  
17.2M (SLOPE DIST.) SOUTH OF STEEL FENCE ON N/S OF GOLF COURSE;  
18.2M WEST OF THE MIDDLE OF PUZZLE BRICK CIRCLE FOR PATH THAT GOES WEST PAST THE HILL ON N/S.;  
62.4M WEST OF APPROX. MIDDLE OF GREEN #17.

NON COORDINATE REVISIONS

1970-06-09 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

1990-10-09 1991-09-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 22

01-02-07 -0.009 m ELEVATION REVISED AND REINTEGRATED  
99-08-16 0.028 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56494 4 22