

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 22.36819 dms  
Longitude 114 07 17.85400 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 55442  
Tablet Markings 643-8.86  
Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1103.469 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-03-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5644802.943 m  
Easting -8548.104 m  
Convergence -0 05 39.99 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
68189 643-8.48	191.694	1	52/2	0.999730	352 50 34.20	4.0	0.00
135483 643-8.87	201.746	1	55/2	0.999731	177 03 06.11	4.0	0.00
80564 643-8.85	263.926	1	61/2	0.999732	242 01 55.66	5.0	0.00
265975 643-8.41	281.807	1	46/2	0.999729	72 09 15.19	3.8	0.00
496257 643-8.95	310.526	1	45/2	0.999729	120 22 04.53	3.7	0.00
261107 643-8.84	315.410	1	44/2	0.999731	217 20 36.06	3.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-08-30

Meridian Defl,XI(+N) 4.1 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.90 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-24

Originating Project 83047 83047  
Published 84-09-05 84-09-05

LOCATED ON THE NORTH EAST CORNER OF 126 AVENUE AND WOODFIELD DRIVE SOUTH WEST;  
17.0 CM EAST OF BACK OF WALK; ON BACK OF WALK NORTH PRODUCED EAST; 6.3 M NORTH  
NORTH EAST OF MIDDLE OF DOUBLE CATCH BASIN.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1984-08-30 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.

1991-03-27 1991-08-20  
1989-02-23 1989-04-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 8 86

01-02-07

0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 86