

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 00.41000 dms
Longitude 114 06 22.23708 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-04

ASCM 15073

Tablet Markings 643-4.193

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1101.650 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5645976.717 m
Easting -7460.619 m
Convergence -0 04 56.84 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

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)
269621 643-4.204	142.742	1	84/2	0.999730	337 30 11.45	7.0	0.00
239665 643-4.208	236.436	1	55/2	0.999730	341 47 43.69	4.3	0.00
113134 643-4.237	240.891	1	37/2	0.999732	274 57 38.68	2.6	0.00
73916 643-4.209	244.188	1	57/2	0.999733	8 58 54.84	4.9	0.00
64410	337.613	1	44/2	0.999731	259 40 55.82	2.8	0.00
13987 643-4.168	348.527	1	34/2	0.999730	202 25 51.06	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1995-06-19

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
1.9 M EAST OF GP, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-06-19

Originating Project 77030 77030
Published 78-01-17 78-01-17

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

IN THE NORTHWEST CORNER OF CANYON MEADOWS GOLF COURSE WHICH IS ON SOUTH SIDE OF ANDERSON ROAD AND WEST OF 14 STREET SOUTHWEST; 30.5 M SOUTH OF NORTH PROPERTY LINE STEEL FENCE LINE OF GOLF COURSE; 9.45 M NORTH OF NORTH BOUNDARY FENCE LINE OF BLOCK 4 PRODUCED EAST; 1.65 M EAST OF WEST PROPERTY LINE STEEL FENCE LINE OF GOLF COURSE; 0.25 M NORTHWEST OF NORTHWEST SIDE OF WALK WAY THAT CONNECTS WOODPARK CRESCENT THAT'S IN BLOCK 4 TO A GREEN BELT ON WEST SIDE OF GOLF COURSE PRODUCE NORTH EAST.

NON COORDINATE REVISIONS

1978-01-31 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.

1995-02-13 1995-06-19
1989-03-02 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 193

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 643-04.193 56434 4 193