

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 49.98040 dms  
Longitude 114 06 29.02451 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 13987

Date Printed 2025-08-03  
Last Updated 2003-03-12

Tablet Markings 643-4.168

Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1100.806 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-04-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5645654.646 m  
Easting -7593.570 m  
Convergence -0 05 02.10 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/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
104075 643-4.236	242.910	1	41/2	0.999733	191 37	14.81	3.5	0.00
249888 643-4.169	251.140	1	48/2	0.999732	160 41	27.99	3.9	0.00
7054 643-4.170	262.786	1	42/2	0.999732	177 33	48.28	3.4	0.01
262014 643-4.166	271.630	1	40/2	0.999732	17 25	24.75	3.5	0.00
493783 643-4.257	295.567	1	51/2	0.999732	208 03	08.93	4.0	0.01
64410	328.859	1	46/2	0.999730	322 43	33.08	3.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-11-28

Meridian Defl,XI(+N) 4.0 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -15.95 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
LANDSCAPED, 3 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1990-11-28

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

ON S/S OF 117 AVE. &WEST LEG OF WOOD PARK CRESC. S.W.;0.10 M. SOUTH OF  
B.O.R.C.;ON B.O.R.C. W/S OF WOOD PARK CRES. PROD SOUTH; IN FRONT OF  
HOUSE # 2007-117 AVE.S.W. (LOT 35)

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

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.

1990-04-23 1990-11-07  
1989-03-22 1989-10-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 168

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 643-04.168 56434 4 168