

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 16.40621 dms
Longitude 114 06 38.49197 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2018-02-09

ASCM 52464
Tablet Markings 643-4.227
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1096.833 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-03-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644617.515 m
Easting -7779.927 m
Convergence -0 05 09.41 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
218446 643-4.224	105.536	1 133/2	0.999734	279 27 27.65	11.0	0.00
247619 643-4.212	113.931	1 97/2	0.999731	163 22 59.68	8.1	0.00
64295 643-4.223	118.035	1 110/2	0.999729	327 18 58.34	9.6	0.00
491555 643-4.247	133.408	1 112/2	0.999734	61 06 59.00	8.0	0.00
60517 643-4.225	134.740	1 89/2	0.999734	240 16 39.34	7.7	0.00
181958 643-4.226	158.233	1 70/2	0.999734	209 15 15.80	5.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1980-09-10

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.92 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 2018-02-09

Originating Project 79042 79042
Published 79-12-01 79-12-01

LOCATED ON THE SOUTH EAST CORNER OF WOODSIDE CIRCLE AND WOODSIDE GATE SOUTH
WEST; 5.0 CM SOUTH OF BACK OF CURB ON CURVE; 5.0 M EAST OF BACK OF CURB EAST;
0.9 M SOUTH OF BACK OF CURB SOUTH; 3.0 M ne OF CENTER OF DOUBLE CB.

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

NON COORDINATE REVISIONS

1980-09-10 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.

2017-03-16 2018-02-09
1989-03-06 1989-04-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 227

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.227 56434 4 227