

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 17.50001 dms
Longitude 114 06 52.46013 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 64212
Tablet Markings 643-4.218
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1100.623 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-03-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644651.728 m
Easting -8052.580 m
Convergence -0 05 20.26 dms
Station Ellipsoid Factor 0.999830
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)
73601 643-4.219	144.899	1 76/2	0.999733	4 25 07.74	5.8	0.00
218446 643-4.224	169.468	1 89/2	0.999725	95 43 00.06	7.5	0.00
259275 643-4.216	176.327	1 68/2	0.999731	169 24 03.42	5.1	0.00
60517 643-4.225	185.615	1 70/2	0.999728	122 58 31.50	5.7	0.00
64295 643-4.223	218.899	1 69/2	0.999730	72 41 31.89	5.5	0.00
496257 643-8.95	227.809	1 57/2	0.999734	268 33 30.86	3.9	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) 6.9 s 2 s
Geoid_Ellip Separation -15.91 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-13

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

LOCATED ON THE NORTH WEST CORNER OF WOODSIDE CIRCLE AND WOODVALE ROAD SOUTH
WEST; 0.05 M NORTH OF BACK OF WALK ON CURVE; 0.3 M NORTH OF BACK OF WALK NORTH
PRODUCED EAST; 7.1 M WEST OF BACK OF CURB WEST PRODUCED SOUTH.

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.

1989-03-06 1989-04-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 218

01-02-07

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.218 56434 4 218