

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 41.26113 dms
Longitude 114 01 21.61304 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2018-02-09

ASCM 32086
Tablet Markings 643-0.173
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1036.010 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-03-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645379.914 m
Easting -1593.130 m
Convergence -0 01 03.38 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
22830 643-0.72	253.789	1 28/1	0.999740	19 58 11.61	2.3	0.00
172577 643-0.186	345.404	1 43/2	0.999741	270 43 20.82	3.5	0.00
267914 643-0.145	379.273	1 32/2	0.999741	291 20 29.11	2.5	0.00
289660 643-0.146	381.205	1 39/2	0.999742	257 27 34.55	2.9	0.00
288944 643-0.201	382.273	1 31/2	0.999741	147 20 15.24	2.5	0.00
123067 643-0.198	402.667	1 32/2	0.999741	135 58 22.59	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

	HORZ	VERT
Originating Project	75108	75108
Published	83-04-29	83-04-29
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1990-05-01

NORTH OF QUEENSLAND CIRCLE ON EAST PROPERTY LINE
WALKWAY; 51.0' NORTH OF BACK OF WALK NORTH SIDE QUEENSLAND
CIRCLE; 4.6' EAST OF POLE LINE.
IN CITY OF CALGARY SEWER TYPE MANHOLE IN LOT OF HOUSE
NO #403 QUEENS LAND CIRCLE.

NON COORDINATE REVISIONS

1976-01-05 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

2017-03-29 2018-02-09
1989-04-03 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 173

VERT

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.173 56434 0 173