

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 23.52736 dms
Longitude 114 06 37.93262 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 5017

Tablet Markings 658-4.100

Date Printed 2025-08-03
Last Updated 2024-12-05

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1100.664 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 12-10-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2024-12-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5659669.165 m
Easting -7746.438 m
Convergence -0 05 09.57 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
193169 658-4.101	100.442	1	70/2 0.999726	232 20 18.80	5.2	0.00
111617 658-4.99	211.727	1	42/2 0.999735	118 57 44.93	3.5	0.00
145045 658-4.102	218.960	1	41/2 0.999732	305 32 25.39	3.3	0.00
130534 658-4.98	300.183	1	33/1 0.999732	107 04 50.89	2.9	0.00
265751 658-4.88	313.789	1	35/2 0.999732	174 34 51.48	2.9	0.01
285965 658-4.105	346.327	1	35/2 0.999732	61 45 16.64	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2012-11-29

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND, LANDSCAPED.

COORDINATE HISTORY

HORZ VERT

Originating Project 71103 71103
Published 84-01-07 84-01-07

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1993-07-06

ON NE CORNER OF 23 AVENUE AT 21 STREET N.W.; 4.8 M NORTH OF B.O.W. PRODUCED
WEST; 1.0 M EAST OF B.O.W. PRODUCED SOUTH; 7.6 M NW OF CB; 0.90 M NE OF
B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1971-12-20 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, CAP PARTIALLY EFFACED.	2012-10-11	2012-11-29
MARKER REPORTED IN GOOD CONDITION	2008-08-15	2008-10-03
MARKER REPORTED IN GOOD CONDITION	1993-02-11	1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 4 100

VERT

00-06-15

0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.100 56584 4 100