

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 19.49543 dms
Longitude 114 04 17.91925 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 51029

Tablet Markings 661-4.180

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1098.497 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663249.170 m
Easting -5017.352 m
Convergence -0 03 20.74 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd Bearing (dms)	Grid Dev (s)	T-t Corr (s)
238642	252.832	1	51/2	0.999728	163 40 11.34	4.0	0.00
173641 661-4.198	287.893	1	45/2	0.999731	4 42 29.38	3.0	0.00
177667 2124.3	300.648	1	37/2	0.999729	174 56 52.69	2.4	0.00
197962 661-4.220	364.249	1	44/2	0.999730	319 31 29.86	3.6	0.00
20339	394.191	1	81/3	0.999729	280 34 21.32	6.4	0.00
134775 661-04.165	415.950	1	34/2	0.999731	136 20 35.75	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1975-01-30

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

Originating Project 74114 74114
Published 74-08-01 74-08-01

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

MARKER LOCATION

Updated: 1994-01-25

LOCATED ON THE NORTH WEST CORNER OF 4 STREET AND THE NORTH LEG OF SIMMONS
CRESCENT NORTH WEST; 1.07 M NORTH OF BACK OF WALK NORTH; 0.61 M WEST OF BACK
OF WALK WEST; 0.1 M NW OF B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1975-01-30 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 1993-08-16 1994-01-25
MARKER REPORTED IN GOOD CONDITION. 1988-11-02 1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 180

VERT

99-10-21

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.180 56614 4 180