

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 03.79083 dms
Longitude 114 09 59.01291 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 48108

Tablet Markings 661-8.216

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1116.285 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 97-08-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662774.630 m
Easting -11653.806 m
Convergence -0 07 46.19 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
269704 661-8.197	231.034	1	39/2	0.999728	320 03 07.81	3.1	-0.01
298513 661-8.120	241.966	1	41/2	0.999732	142 56 35.94	3.3	0.01
123422 661-8.200	284.913	1	49/2	0.999730	290 25 55.95	4.1	0.00
100990 661-8.123	315.984	1	32/1	0.999728	331 06 09.76	2.5	-0.01
25569 661-8.122	346.765	1	29/1	0.999730	237 02 16.17	2.5	0.01
214593 661-8.212	373.543	1	32/2	0.999730	179 26 55.43	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1997-10-09

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1997-10-09

Originating Project 76025 76025
Published 83-06-08 83-06-08

IN PARK BEHIND HOUSE #312 VARSITY ESTATES GROVE NW; 8.7 M N OF
E-W STEEL FENCE; 1.10 M E OF THE E EDGE OF ASPHALT WALKWAY PROD N.

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

NON COORDINATE REVISIONS

1977-07-13 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	1997-08-14	1997-10-09
MARKER REPORTED IN GOOD CONDITION.	1993-07-06	1994-01-18
MARKER REPORTED IN GOOD CONDITION	1993-06-16	1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 216

00-06-15

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.216 56614 8 216