

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 44.13095 dms
Longitude 114 09 35.35868 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2006-06-16

ASCM 3061
Tablet Markings 1722.12
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1093.845 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5660312.147 m
Easting -11198.956 m
Convergence -0 07 27.64 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
235739 1722.11	145.725	1	48/2	0.999730	357 38 41.12	3.9	0.00
145755 1722.13	162.482	1	37/1	0.999734	125 13 53.13	3.3	0.00
267203 1722.24	198.379	1	35/1	0.999731	232 36 10.70	3.0	0.00
10603 1722.14	202.769	1	39/1	0.999733	105 04 56.59	3.4	0.00
23598 1722.23	258.001	1	31/1	0.999736	190 08 23.92	2.7	0.01
120519 1723.19	267.453	1	34/1	0.999731	359 35 56.65	2.6	-0.01

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.6 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

MARKER TYPE Updated: 1970-12-23

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

Originating Project 70107 70107
Published 70-12-23 70-12-23

Revising Project NAD83 21002
Published 94-05-24 01-03-06
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 2006-06-16

ON S/S OF RD JUEST W OF THE FRON OF HOUSE # 5007-23 AVE NW; (IN SIDEWALK); 0.4 M
S OF FOW; 1.5 M E OF W PLL FENCE PROD N; 17.7 M E OF LT.S.

NON COORDINATE REVISIONS

1970-12-23 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	2005-07-19	2006-06-16
MARKER REPORTED IN GOOD CONDITION	1989-02-06	1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 8 64

VERT 01-03-06

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 64