

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 44.68183 dms
Longitude 114 08 40.73172 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 27664

Tablet Markings 652-8.99

Date Printed 2025-08-03
Last Updated 2020-07-10

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1128.491 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-10

Scale Factor 0.999900 At Ref Mer 114

Northing 5652911.107 m
Easting -10150.206 m
Convergence -0 06 44.76 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

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)
243261 652-8.102	258.012	1	35/1	0.999729	1 25 15.12	3.0	-0.01
210864 652-8.97	258.741	1	39/2	0.999729	273 35 58.32	3.4	0.00
255919 652-8.98	293.523	1	44/2	0.999725	243 29 06.88	3.6	0.00
45328 652-8.101	365.099	1	30/1	0.999730	40 13 05.15	2.5	-0.01
103267 652-8.103	369.890	1	30/1	0.999727	329 48 33.80	2.6	-0.01
30403 652-8.95	392.143	1	31/2	0.999727	270 07 31.43	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-06-11

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-11-26

Originating Project 72108 72108
Published 83-02-03 83-02-03

ON S/S OF 46 AVE. IN FRONT OF HOUSE #4107-46 AVE. S.W.; 0.6 M. N OF B.O.W.;
3.0 M. E OF W. WALL OF HOUSE PROD. N.; 11.2 M. W OF LT. ST.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-04-26 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

1993-01-25 1993-06-11
1991-09-12 1991-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 99

01-02-07

0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.99 56524 8 99