

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 49.47506 dms  
Longitude 114 09 10.45630 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

Date Printed 2025-08-03  
Last Updated 2007-06-20

ASCM 38562

Tablet Markings 652-8.94

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1141.338 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: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5653060.384 m  
Easting -10729.296 m  
Convergence -0 07 07.87 dms  
Station Ellipsoid Factor 0.999824  
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
53033 652-8.93	129.603	1	62/2	0.999727	172 55 24.69	4.7	0.00
96974 652-8.107	185.811	1	48/2	0.999723	7 18 57.73	3.9	-0.01
112177 652-8.96	193.453	1	67/2	0.999727	68 44 04.73	5.6	0.00
66662 652-8.109	219.239	1	55/2	0.999722	312 30 47.61	4.4	0.00
30031 652-8.92	221.093	1	50/2	0.999726	225 29 48.91	4.2	0.00
30403 652-8.95	238.849	1	46/2	0.999728	128 25 49.01	3.9	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) 7.0 s 2 s  
Geoid\_Ellip Separation -15.97 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-11-27

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

ON W/S OF 45 ST. AND 46 AVE. SW; 0.67 M. W OF F.O.C. ON W/S OF 45 ST.;  
6.7 M. S OF N. P/L FENCE OF KENTISH TOWN MEWS PROD. E.; 3.60 M. N OF  
S. P/L FENCE OF HOUSE # 4512 - 45 ST. PROD. W.

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  
1991-04-22 1991-11-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 94

01-02-07

0.026 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.94 56524 8 94