

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 58.00213 dms  
Longitude 114 10 26.97837 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11  
Date Printed 2025-08-03  
Last Updated 2005-08-02

ASCM 21790  
Tablet Markings 655-12.86  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1194.363 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 00-02-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5657035.096 m  
Easting -12211.450 m  
Convergence -0 08 07.59 dms  
Station Ellipsoid Factor 0.999815  
Station Combined Factor 0.999717

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)
156018 655-12.85	205.137	1	127/3	0.999716	269 56 17.72	4.6	0.00
83279 655-8.266	324.881	1	86/3	0.999718	83 49 08.36	5.0	0.00
189670 655-12.95	354.474	1	90/3	0.999718	223 01 27.40	6.6	0.01
20222 655-12.99	429.641	1	81/3	0.999715	5 28 25.67	6.9	-0.01
81208 655-12.96	433.484	1	78/3	0.999717	174 02 14.77	6.7	0.01
16550 655-12.104	453.052	1	77/3	0.999716	340 32 31.15	6.4	-0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.98 m 1 m

MARKER TYPE

Updated: 2001-04-20

ASC CAP ON 6 CM DIA HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE  
23 CM BGL, LANDSCAPED.

COORDINATE HISTORY

Originating Project 82045 82045  
Published 83-07-18 83-07-18

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

MARKER LOCATION

Updated: 1995-06-19

SE COR OF STRATHCONA DR AND 300 STRAVANAN BAY SW; 10CM E OF B.O.R.C.  
15CM S OF B.O. SEP W; 22.6 M WEST OF LIGTH STANDARD.

NON COORDINATE REVISIONS

1983-06-28 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, CAP EFFACED.  
MARKER REPORTED IN GOOD CONDITION

2000-02-28 2001-04-20  
1995-02-10 1995-06-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 12 86

VERT

00-06-15

0.005 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12 86