

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 11.84234 dms  
Longitude 114 10 24.92649 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 20222  
Tablet Markings 655-12.99  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1205.094 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-02-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657462.656 m  
Easting -12170.478 m  
Convergence -0 08 06.03 dms  
Station Ellipsoid Factor 0.999814  
Station Combined Factor 0.999716

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
284166 655-12.105	100.052	1 210/3	0.999722	302 54 10.22	16.1	0.00
16550 655-12.104	191.903	1 83/2	0.999717	269 50 57.05	6.9	0.00
35048 655-8.274	231.215	1 73/2	0.999716	54 39 23.00	5.8	0.00
159574 655-8.273	246.208	1 65/2	0.999716	70 05 54.00	3.8	0.00
154799 655-12.103	323.265	1 62/2	0.999718	262 12 01.11	4.4	0.00
245159 655-8.275	338.775	1 53/2	0.999718	43 21 43.65	4.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-06-28

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

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-06-19

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

ON TOP OF BERM BEHIND HOUSE NO.19 COACHGATE WAY SOUTHWEST; 11.0 M SOUTH OF THE SOUTH BOUNDARY FENCE (SLOPE DISTANCE); 6.0 M WEST OF THE MOST WESTERLY WALL OF HOUSE PRODUCED SOUTH; 0.6 M EAST OF WEST PROPERTY LINE PRODUCED SOUTH,

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

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

1995-02-09 1995-06-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 99

00-06-15

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12 99