

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 28.37339 dms  
Longitude 114 11 06.50540 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 80-07  
Date Printed 2025-08-03  
Last Updated 2016-04-08

ASCM 2188  
Tablet Markings 655-12.66  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1230.623 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-07-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657975.428 m  
Easting -12978.946 m  
Convergence -0 08 38.40 dms  
Station Ellipsoid Factor 0.999810  
Station Combined Factor 0.999712

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
18556 655-12.59	133.773	1 105/2	0.999715	52 40 39.95	9.1	0.00
162305 655-12.60	168.788	1 89/2	0.999714	86 09 10.94	7.7	0.00
82461 655-12.63	169.551	1 83/2	0.999711	146 27 49.26	7.1	0.00
168070 655-12.58	210.973	1 71/2	0.999716	46 59 09.70	5.9	0.00
539 655-12.77	211.350	1 66/2	0.999714	300 19 14.22	5.6	0.00
260174 655-12.46	216.229	1 60/2	0.999710	214 43 25.63	5.1	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-10-21

Meridian Defl, XI(+N) 2.9 s 2 s  
Prime Vert Defl, ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.96 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2016-03-21

Originating Project 80046 80046  
Published 81-10-01 81-10-01  
Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON NORTH EAST CORNER OF COACH BLUFF CRESCENT AND COACH BLUFF  
CRESCENT (NORTH WEST LEG) SOUTH WEST; 10.0 CM NORTH EAST OF BACK OF  
ROLLED CURB ON CURVE; IN LINE WITH BACK OF WALK SOUTH EAST PRODUCED  
NORTH; IN FRONT OF HOUSE #800; 3.8 M SOUTH OF NORTH WALL OF HOUSE NO.800  
PRODUCED WEST.

NON COORDINATE REVISIONS

1981-10-21 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

2015-07-15 2016-03-21  
1995-02-06 1995-06-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 12 66

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12 66