

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 03 31.00608 dms  
Longitude   114 11 01.05441 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed   80-07  
  
Date Printed       2025-08-03  
Last Updated      2003-03-12

ASCM            18556  
  
Tablet Markings   655-12.59  
  
Mapsheet Name    CALGARY G  
Mapsheet Number   5658 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1228.715 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition   GOOD            95-02-07

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor   0.999900    At Ref Mer 114

Northing   5658056.511 m  
Easting    -12872.595 m  
Convergence   -0 08 34.16 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)
145540 655-12.44	119.224	1 101/2	0.999711	356 41 47.97	8.3	0.00
222380 655-12.64	121.329	1 115/2	0.999706	190 06 45.23	9.7	0.00
52191 655-12.57	131.431	1 91/2	0.999708	83 47 55.80	7.9	0.00
2188 655-12.66	133.773	1 105/2	0.999715	232 40 39.95	9.1	0.00
219790 655-12.65	159.754	1 94/2	0.999710	215 53 05.22	7.8	0.00
72678 655-12.75	173.498	1 86/2	0.999711	76 34 01.68	6.5	0.00

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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	-15.97 m	1 m

MARKER TYPE

Updated: 1981-10-21

ASC CAP SET IN CONCRETE CURB

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COORDINATE HISTORY            HORZ            VERT

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

MARKER LOCATION

Updated: 1995-07-05

ON WEST SIDE OF ROAD IN FRONT OF HOUSE NO.888 COACHSIDE CRESCENT SOUTHWEST;  
13.3 M SOUTH OF NORTH WALL OF HOUSE PRODUCED EAST; 1.3 M NORHT OF THE NORTH  
EDGE OF ASPHALT WALKWAY PRODUCED EAST; 0.08 M EAST OF BACK OF ROLLED CURVE.

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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

1995-02-07    1995-07-05

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 12    59

VERT

00-06-15

0.018 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56554 12    59