

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 12.76836 dms  
Longitude 113 57 48.65084 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 79-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 68791  
Tablet Markings 658+4.311  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1084.481 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659331.537 m  
Easting 2557.101 m  
Convergence 0 01 42.18 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
130831 658+4.93	103.014	1 184/3	0.999726	349 04 12.34	15.0	0.00
158410 658+4.310	116.302	1 146/3	0.999728	55 57 05.17	6.9	0.00
171546 658+4.309	138.484	1 130/3	0.999729	17 37 35.07	10.4	0.00
238204 658+4.312	182.033	1 93/2	0.999734	174 10 16.01	6.3	0.00
187294 658+4.317	211.086	1 90/2	0.999735	198 40 00.35	7.0	0.00
30247 658+4.92	234.403	1 81/2	0.999730	44 07 59.83	5.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-01-15

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 79035 79035  
Published 83-08-18 83-08-18  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1988-11-08

LOCATED ON THE NORTH WEST CORNER OF RUNDLECAIRN WAY AND RUNDLECAIRN WAY NORTH EAST; 0.05 M WEST OF BACK OF WALK ON CURVE; 4.15 M NORTH OF THE SOUTH PROPERTY LINE OF HOUSE #979 - RUNDLECAIRN WAY NORTH EAST (LOT 11, BLOCK 29, PLAN #7511020); 3.11 M WEST OF BACK OF WALK WEST; 4.72 M SOUTH OF BACK OF WALK NORTH.

NON COORDINATE REVISIONS

1981-01-15 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.

1988-09-29 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 311

VERT

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.311 56583 4 311