

Annual Daylight Simulation

Building Performance Simulation

Guide :
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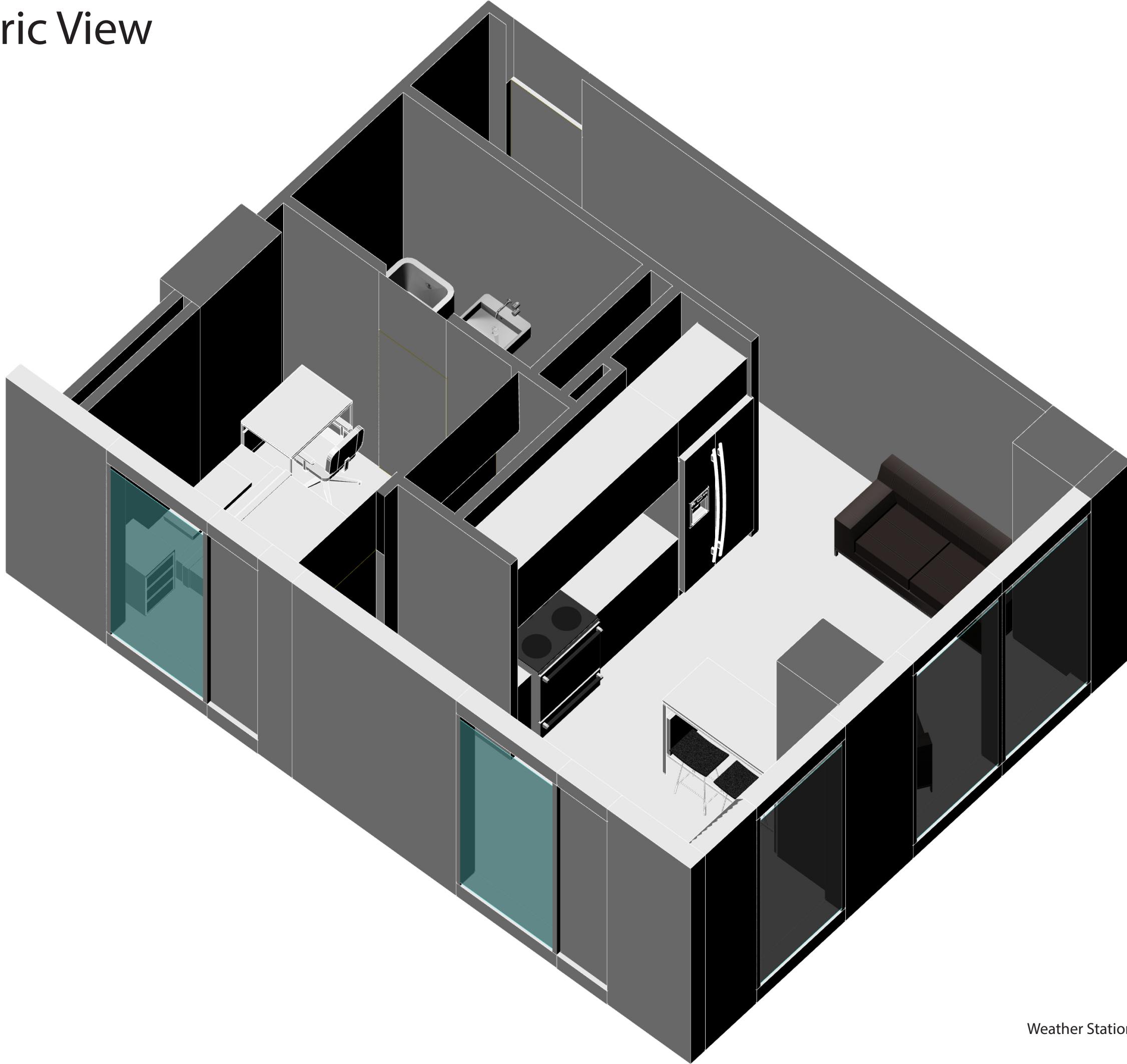
Plan



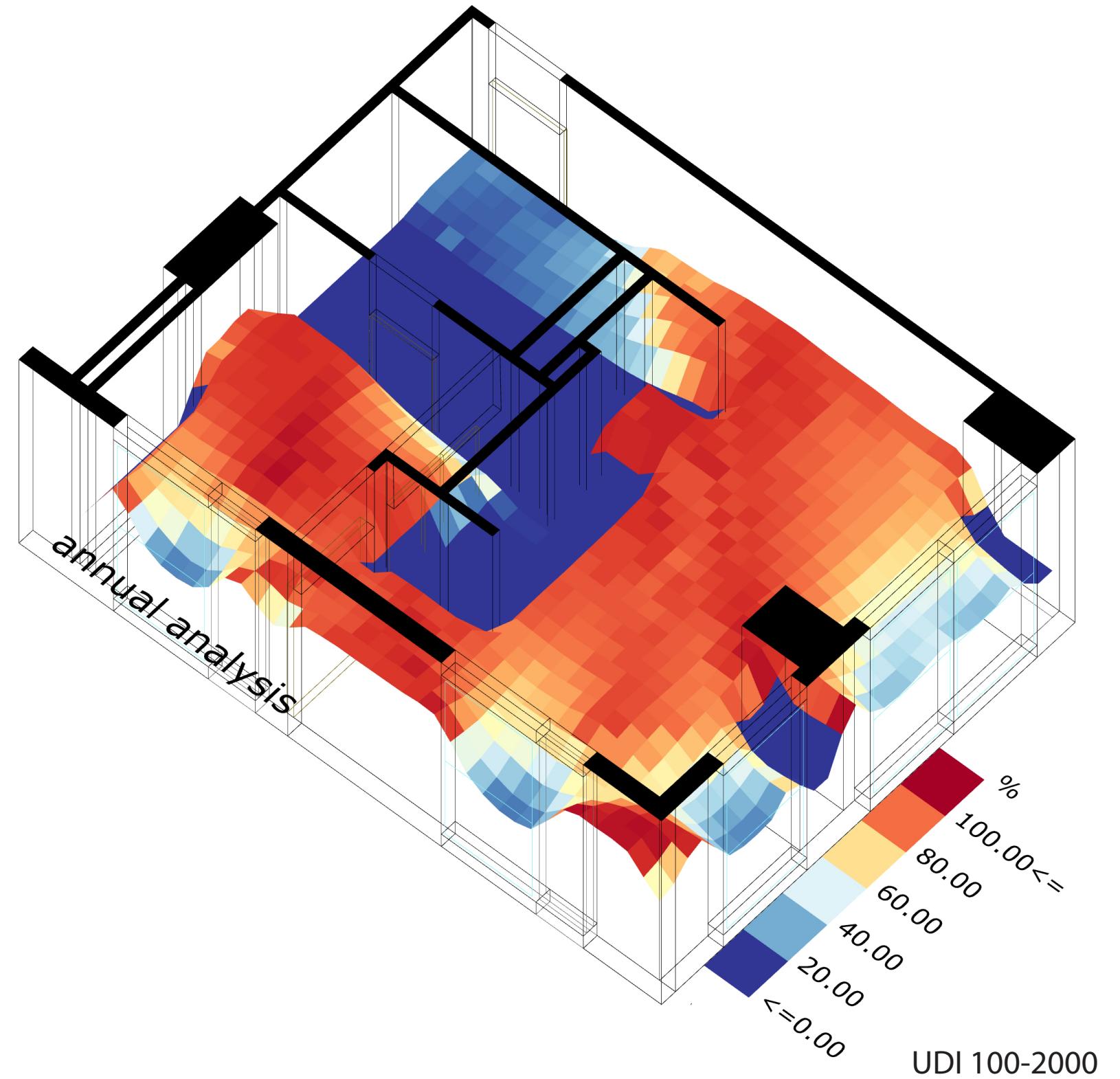
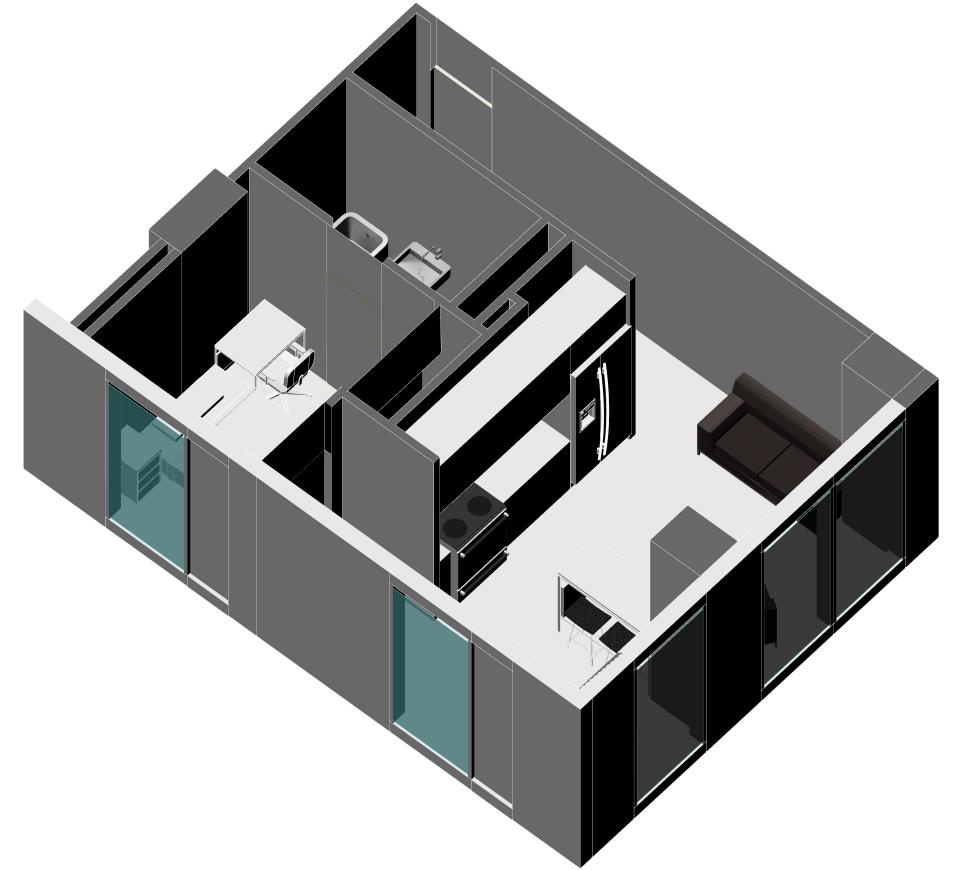
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Philadelphia
39°57' N 75°10' W
Weather Station : Philadelphia International Airport
Data Source : TMY3

Isometric View

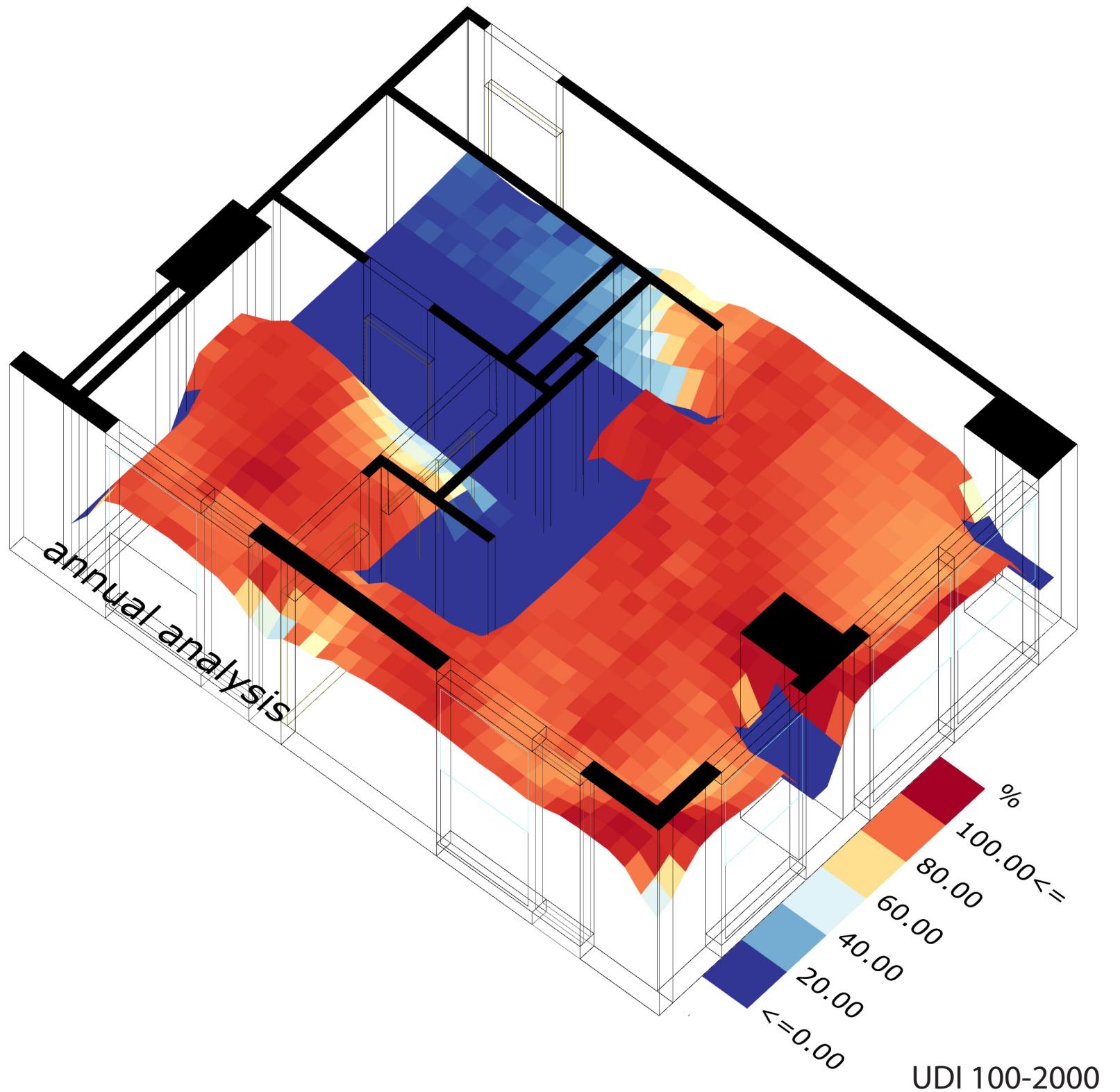
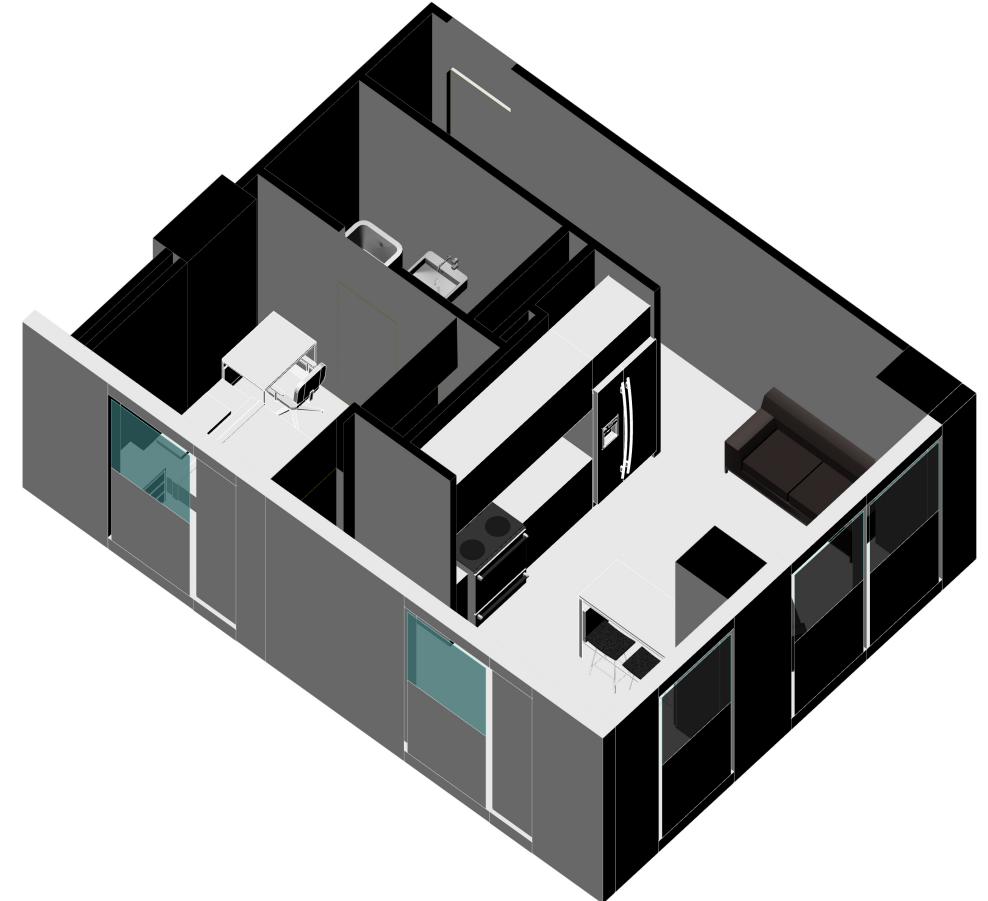


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Useful Daylight Illuminance for Base case depicts areas close to the windows to be not well daylit.

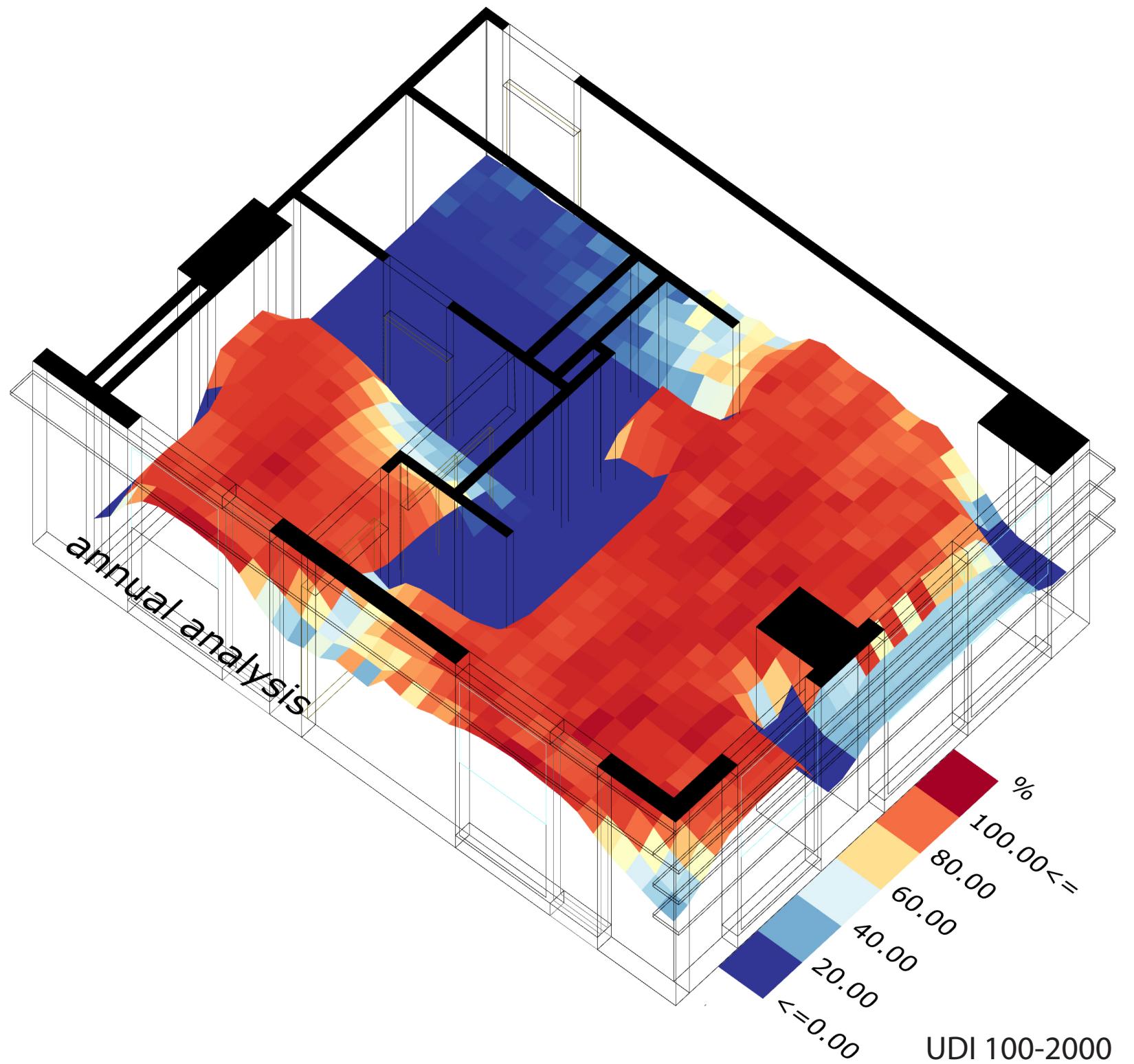
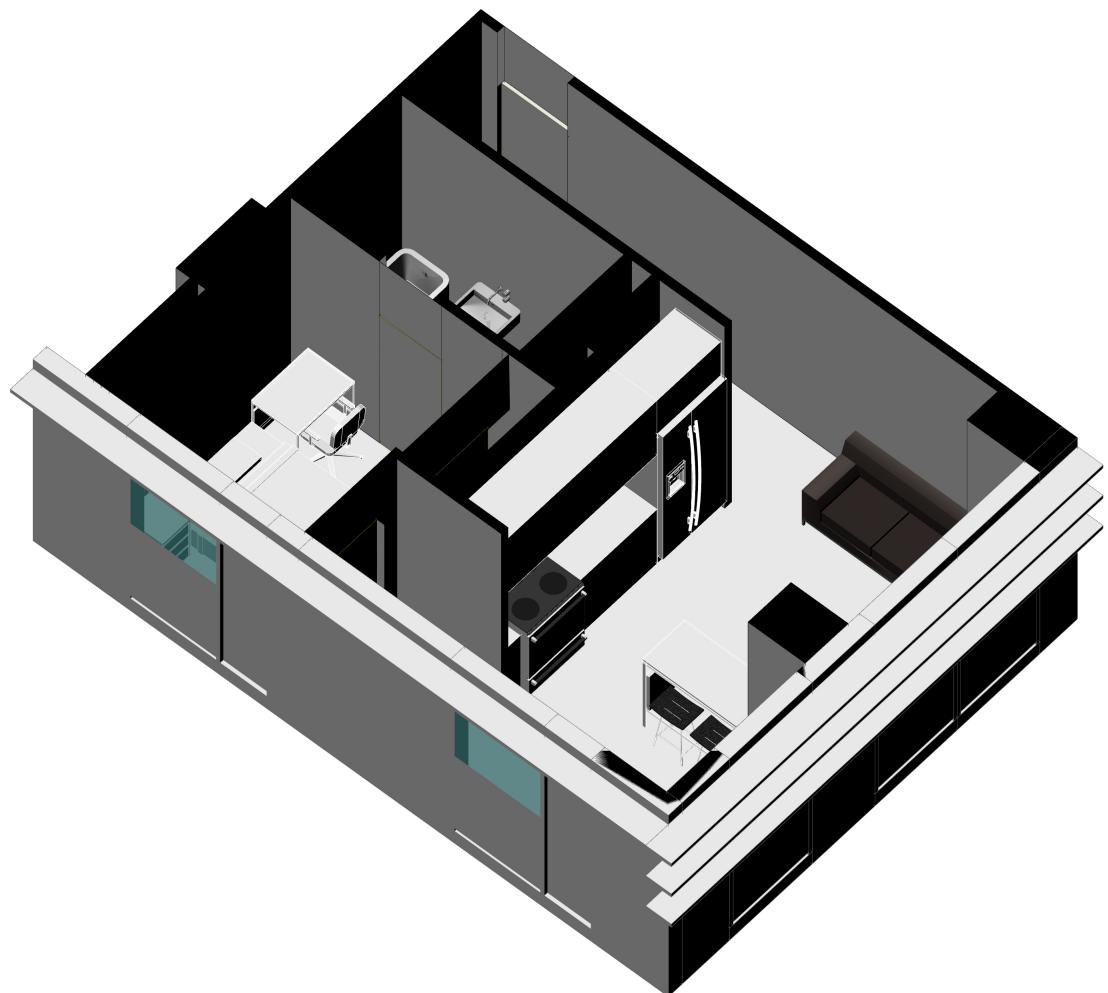
Case1



Useful Daylight Illuminance for when window size is reduced solves the problem of excessive daylight along the windows.

UDI 100-2000

Case3



Useful Daylight Illuminance for when window size is reduced and horizontal overhangs are added according to point in time analysis, creates poorly daylit areas.