no privacy from neighboring balcony

CLOSET

DOOR TO
BATHROOM

afternoon glare

no cross-ventilation

no cross-ventilation
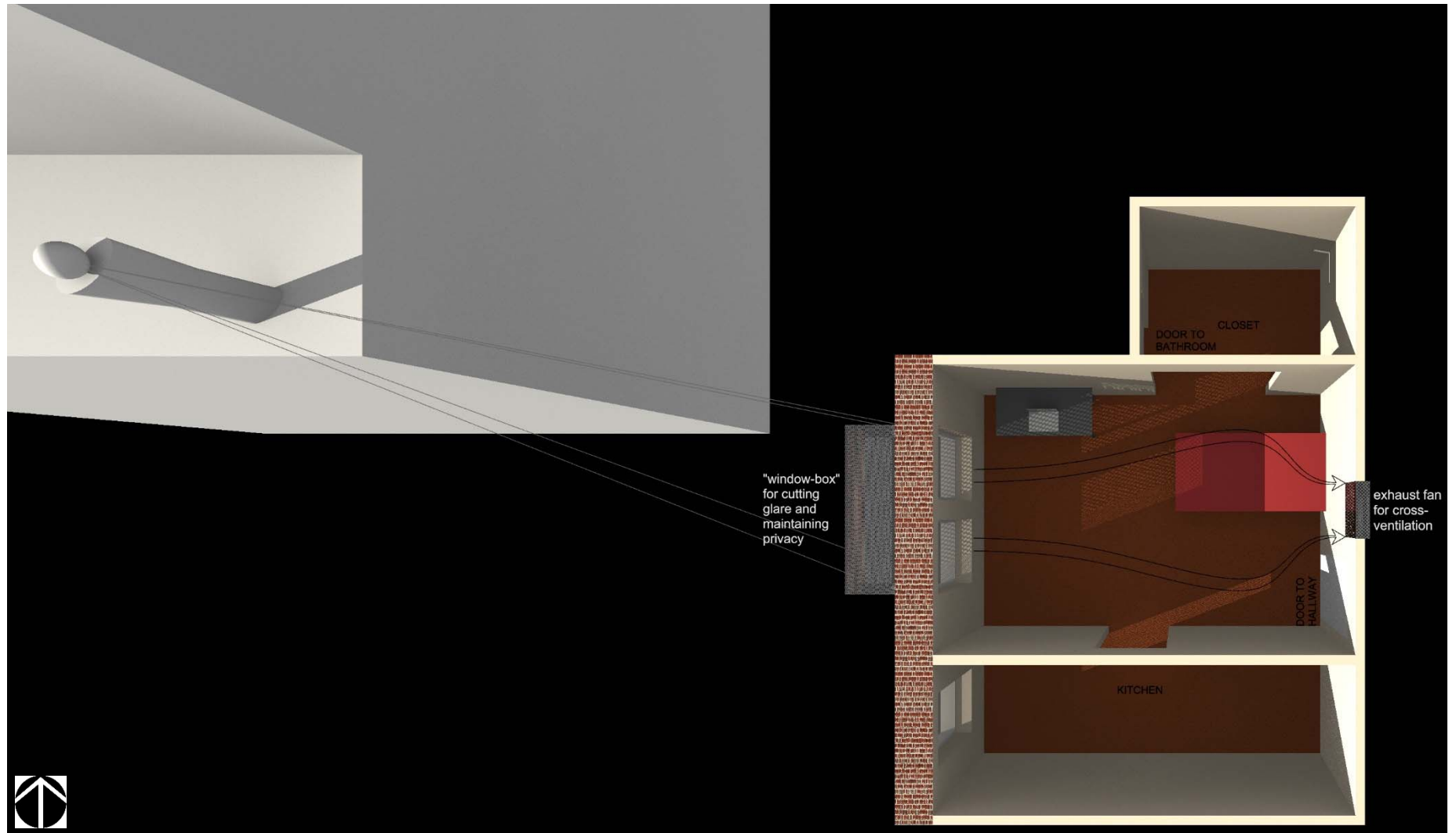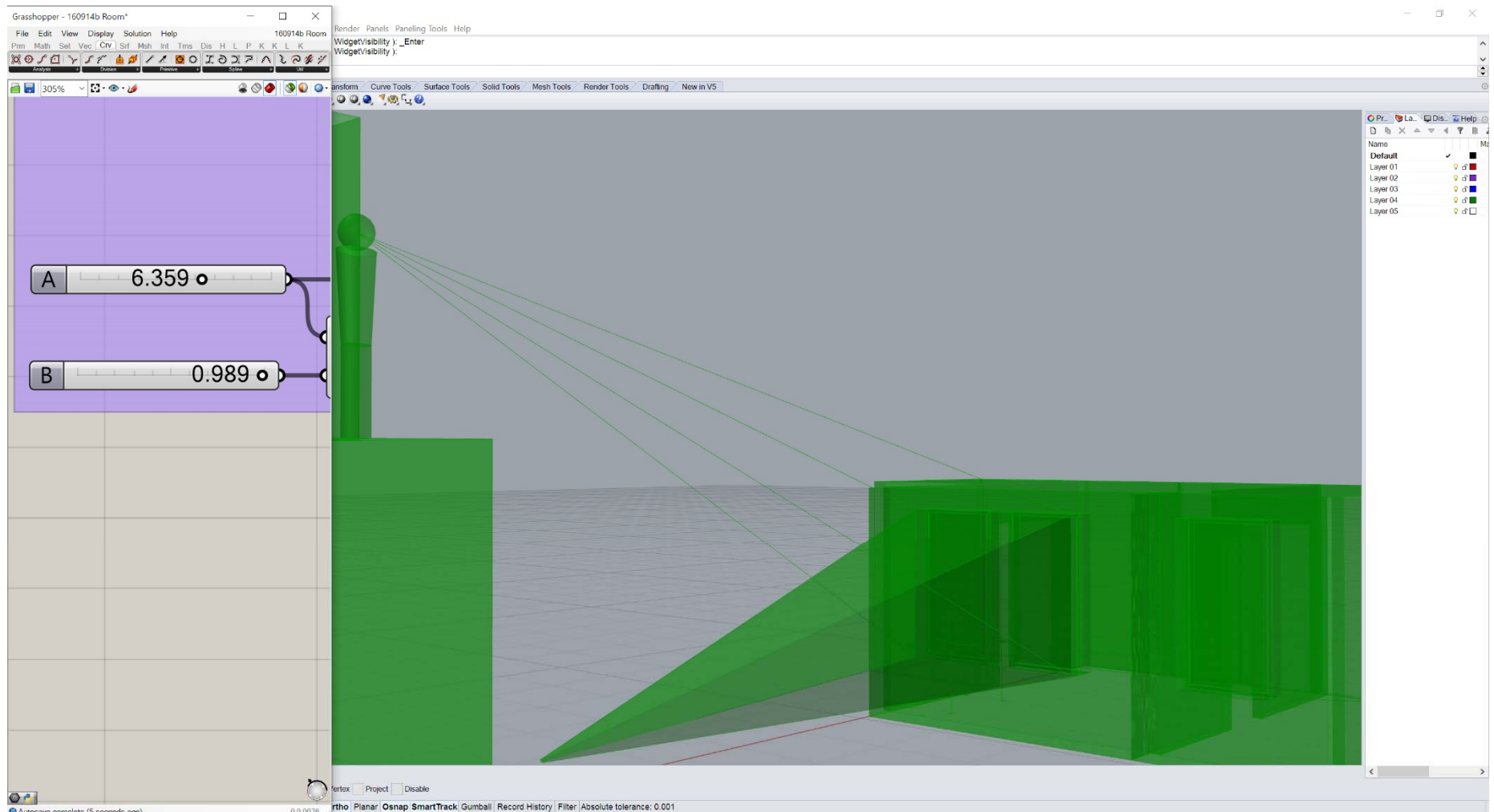
DOOR TO
HALLWAY

KITCHEN

1. There is direct sunlight that causes glare on my work table in the afternoon and evening.

   The table's location cannot be changed because it is tied to the location of the Ethernet jack and the electrical outlet.

2. All the windows are on the same side of the room so there is no cross-ventilation.

   Even when the temperature outside is cooler than in my room, opening my windows does not cool my room down much.

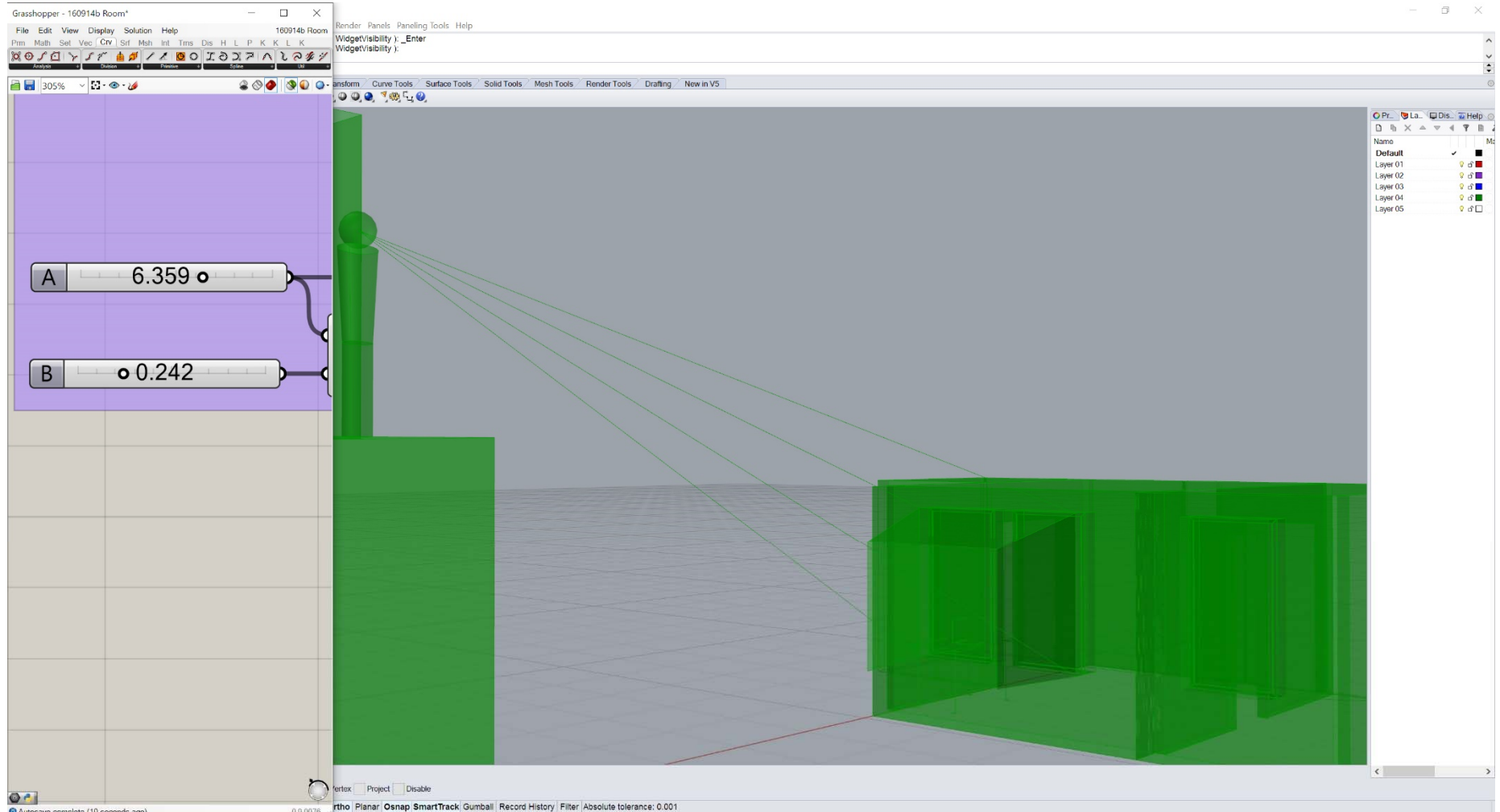3. There is a direct view into my room from the neighboring balcony.

Labels within image: "window-box" for cutting glare and maintaining privacy; exhaust fan for cross-ventilation; CLOSET; DOOR TO BATHROOM; DOOR TO HALLWAY; KITCHEN

1. Installing a "window-box" will cut glare and block the view from the neighboring balcony.

   The window box will consist of two vertical shades and one horizontal shade.

2. Installing an exhaust fan on the wall opposite the windows will create cross-ventilation.

   Placing the exhaust fan high on the wall will also help remove hot air.
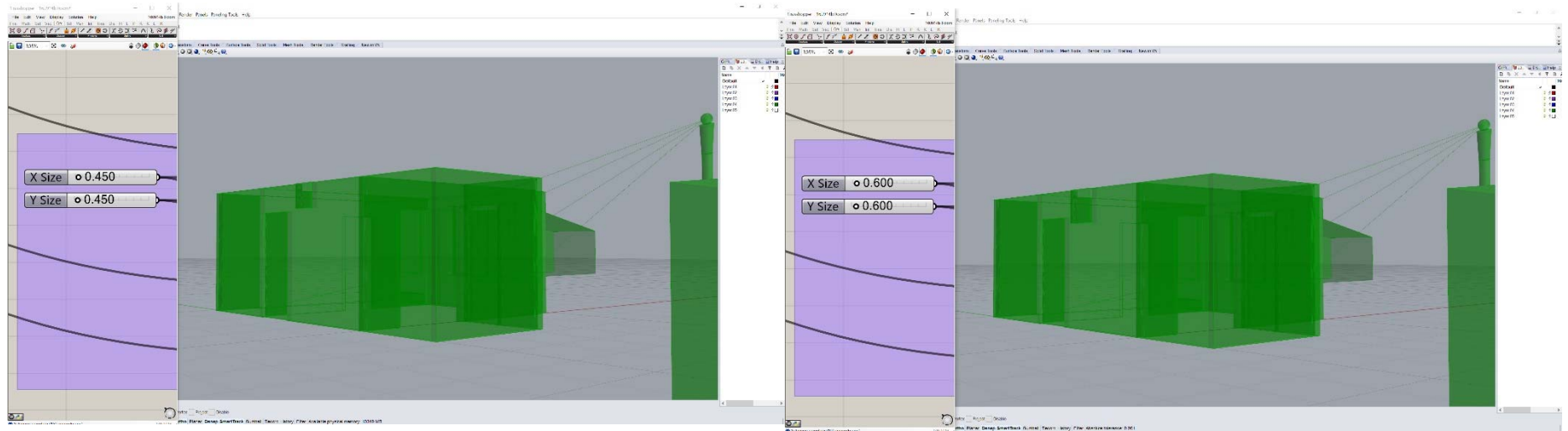
Parameters

1. The taper of the window-box.

Grasshopper - 160914b Room*

File   Edit   View   Display   Solution   Help   160914b Room

Prm   Math   Set   Vec   Crv   Srf   Msh   Int   Tms   Dis   H   L   P   K   L   K

305%

A   6.359 o

B   o 0.242

2. The depth of the window-box

3. The size and capacity of the exhaust fan.