

**ROBINSON/SOARES**  
**UNIVERSAL DESIGN SERVICES**  
**A DIVISION OF ASPIRE TO COLLEGE, LLC™**

# Light and Sound Sensitive Dorm Room Retrofit Design Proposal

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PATENT PENDING



Artist rendering of room with panels in place, as well as carpet and insulating curtains to aid in blocking out distracting lights and sounds.

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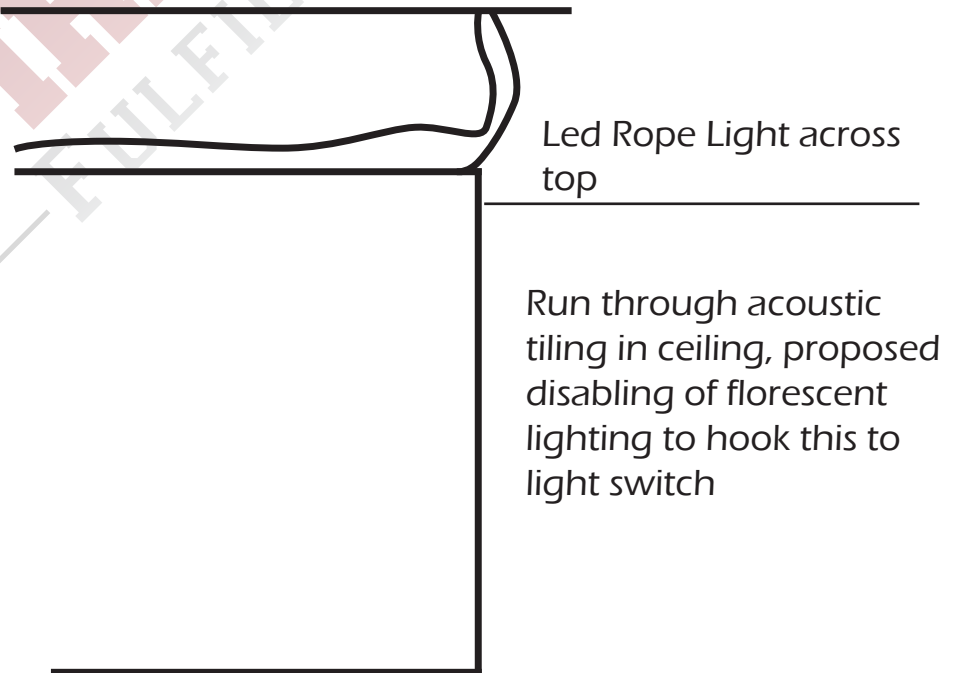
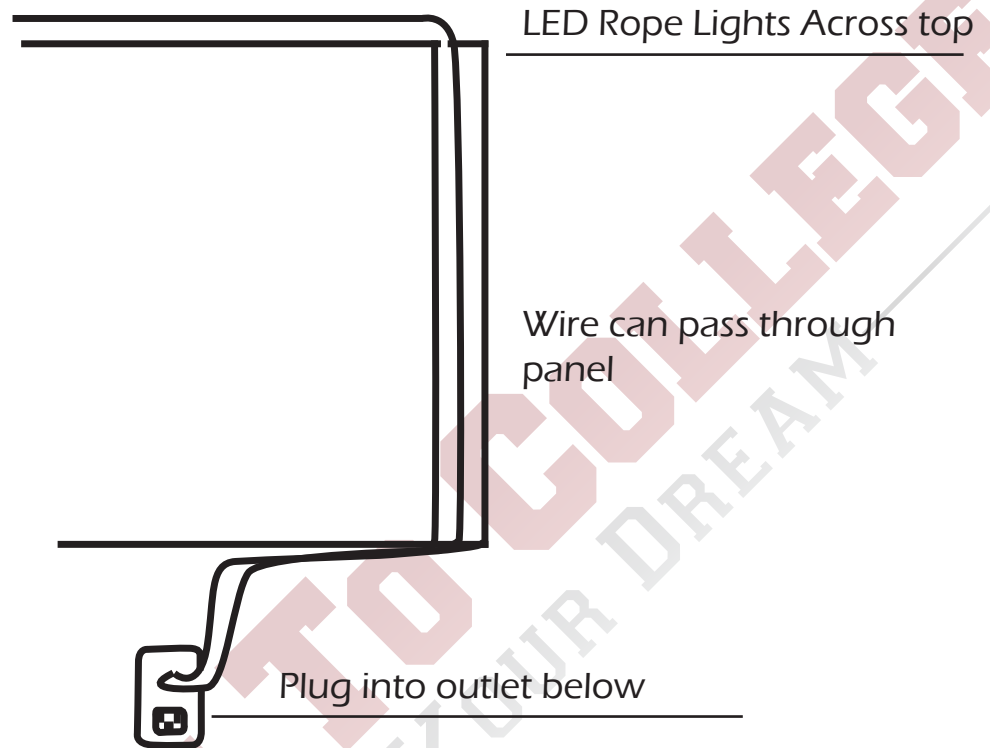
Cutaway of a FabricBloc soundproofing panel

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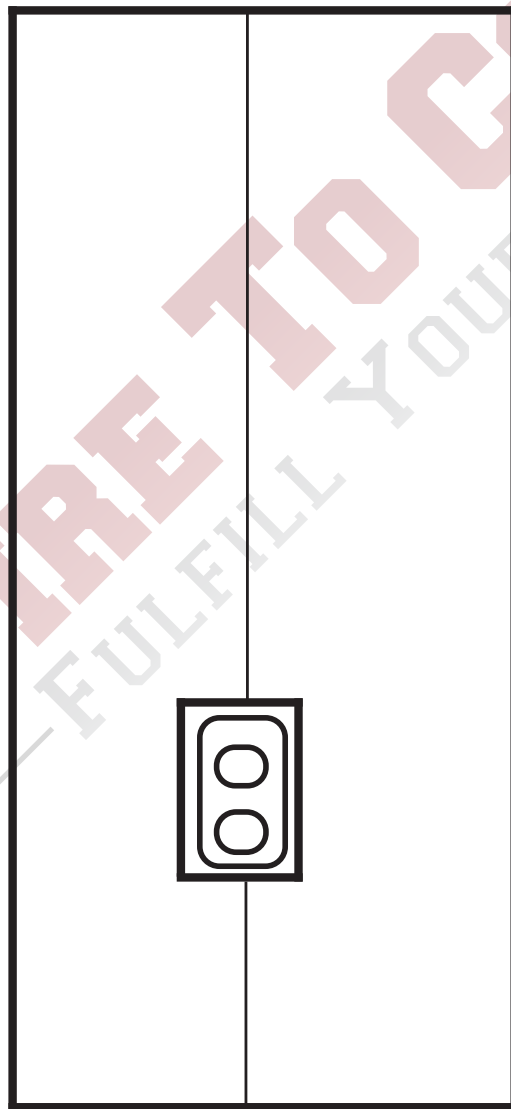
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To account for light sockets, can get panels custom cut with holes for said sockets.  
Alternatively the panels can be stopped a couple feet from the floor to account for where electrical outlets are commonly placed.



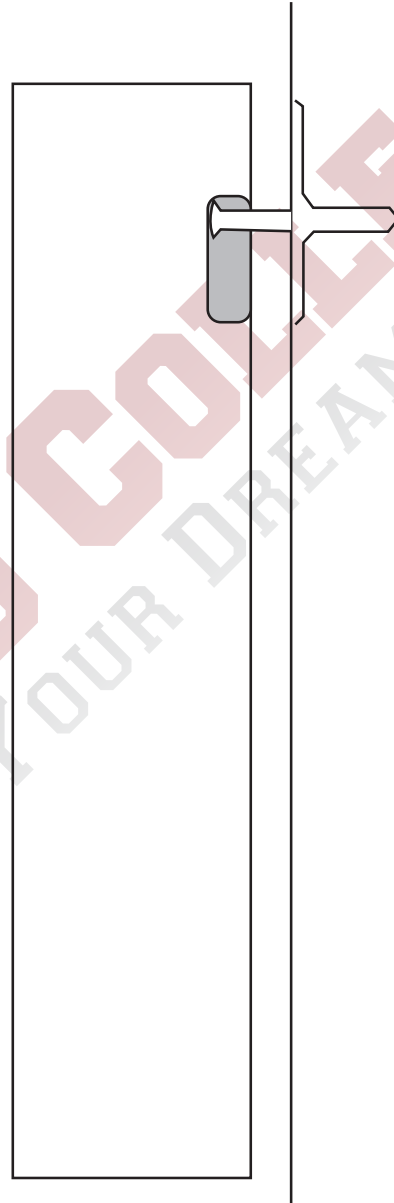
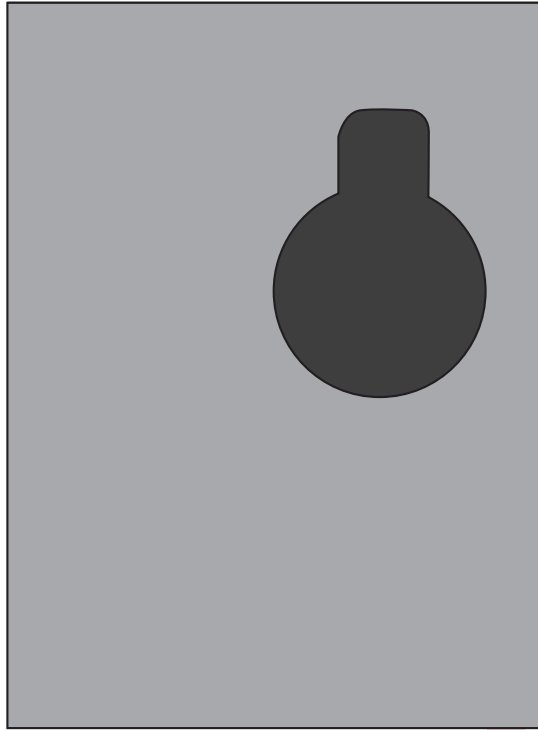
Cutting panels to account for light sockets

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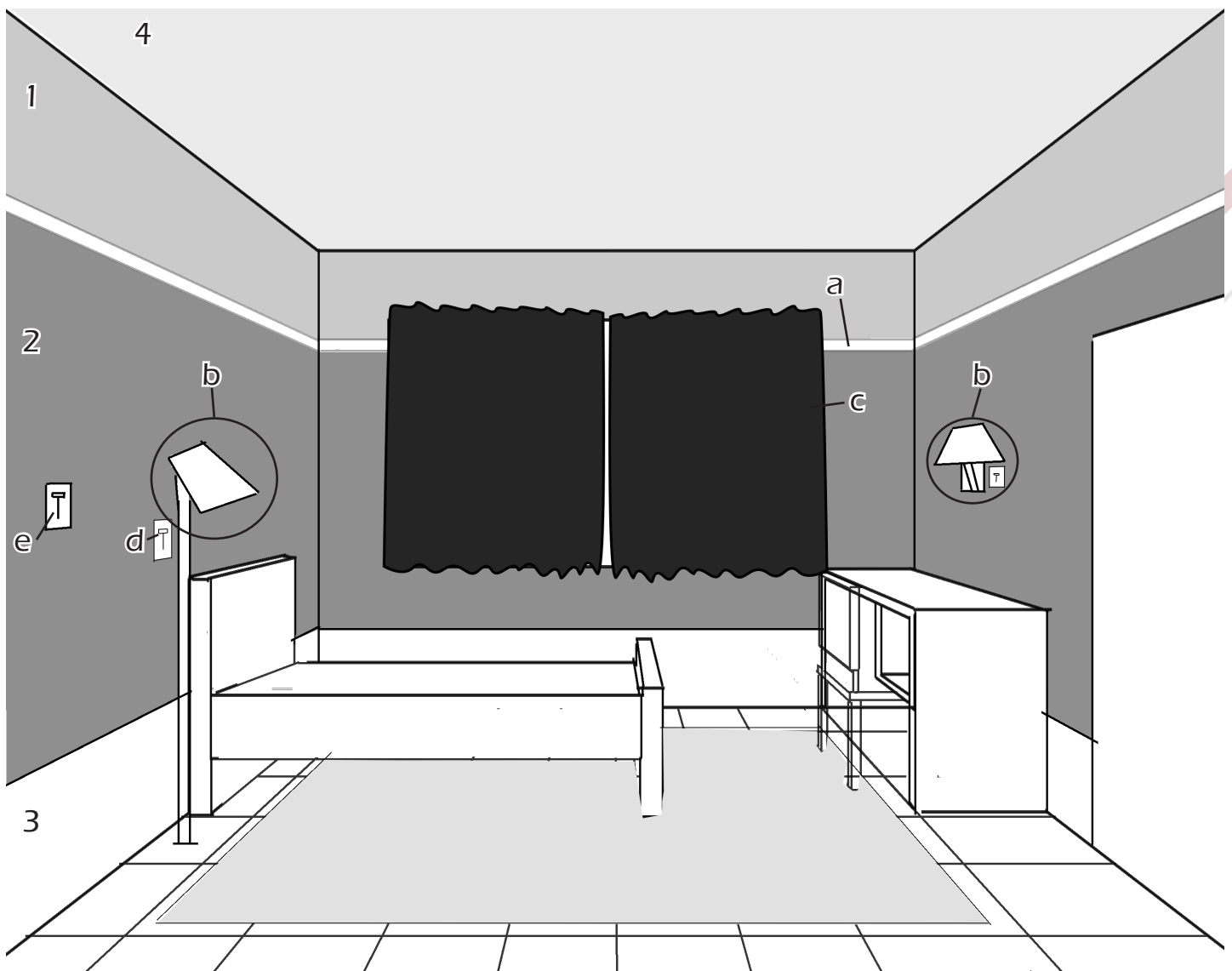
Proposed attachment to wall using toggle bolts and slots in the panel  
to account for them.

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Key:

- 1: Thinner sound baffeling - There should be less sound penetration from this high up so thinner sound protection is possible
- 2: Standard weight baffeling - suitable for most uses
- 3: Bare wall - In this application to expose electrical sockets.
- 4: Baffeling on ceiling - It could either encase or surround disabled florescent light

- a: LED Rope lighting -A low level light source that would soothe someone agitated by high intensity light triggering sensitivity. Bright enough to allow for basic visibility - Could either plug into an outlet by passing cord through baffeling or be hooked up to be turned on instead of a florescent light.
- b: Targeted lighting - Hooked up to slider switches for customizable intensity, these lights would be of good use for reading and writing.
- c: Blackout curtains
- d: Slider switch - to control lighting intensity
- e: Master slider for LED lighting

Diagram 6 - Basic Room schematic with paneling in place - Rope lighting can be seen around top with a thinner set of panels above it.

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