Project 2

Abrams Family Guest Room

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The Abrams family guest bedroom is plagued with problems resulting from it’s construction, design, and orientation resulting in a space which is used seldom for it’s intended purpose.
Issues That need to be Addressed in the redesign:

- The lighting controls for the room are located behind the door hinge creating an issue with access when entering.
- The single fixture used in the room while Functional is uninteresting.
- The height of the single fixture requires a rather large ladder to replace the lamp when it fails.
- The glazing provides a huge issue with it’s orientation to the south west causing incredible heat gains during the summer as well as issues with glare.
- The glazing provides issues in the winter time with heat loss and glare.
For This First Redesign the windows were Reduced in size to 1’ tall clerestory Windows which would take advantage of a Light shelf to help stop glare from occurring While at the same time bouncing the ample Light into the room. The luminare chosen Is a Sail 40 by Leucos Designed by Carla Baratelli. The fixture utilizes 2 florescent tube lamps to create a wall was as well as Soft lighting. The design intent is to have A soft wash going up each of the slanted ceiling portions while creating soft ambient Light in the center of the room.

It should be noted that all redesigns have the placement of the lighting controls put to the proper side of the door opposite of the hinge.
Redesign 1 Wall Sconces are fun!
This redesign centered around a linear theme with the windows becoming slits and the luminaires being placed in a radial fashion about the room. The luminaires used are X1 models by Allure. The intent was to create a soft diffuse ambient light throughout the room. The lamps used are florescent tube. The design of the windows was to provide a view of the outside while not allowing a significant amount of heat or light through. This design would require an external diffuser array most likely in the form of a perforated metal structure. The luminaires would be placed at same height about the room.
For this design a scheme of all pendants was chosen to create a solution that was exciting to the user while being functional in the environment of a guest bedroom. The luminaires chosen were all by the Leucos Company and include their Goccia Series, Solaris series and The modulo series. All lamps used are incandescent which allows for the use of a dimmer control. The window layout is the same as redesign 1 but a trellis system would be used on the exterior for shade and to relate to the trellis system used on the interior from which the lights hang from. This is to be a metaphor for light coming in from the perforation in the trellis. “Glitter” is a big part of this scheme as well.
Redesign 3 Pendant spectacle
Of the 3 design Ideas The 3rd seemed to be the best at creating an interesting lighting design while at the same time being Functional. It’s functionality however, is dependant on the use of the dimmer switch because at full power the lights become far too bright and wash out the space instead of providing a comfortable illumination level.

Boring And Unused

Exciting and Comfortable

Conclusion