

# Cosplay Room Proposal

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# History

- Board approved a proposal in early 2020 to renovate the basement
  - Resin 3D Printing
  - Cosplay
  - Furniture for storage and workspace
- Basement was in worse state of disrepair than anticipated
  - Budget meant for the above ended up going towards making the basement functional
  - No budget for fume extraction
  - No budget for furniture
- This + work pause due to pandemic caused a number of problems

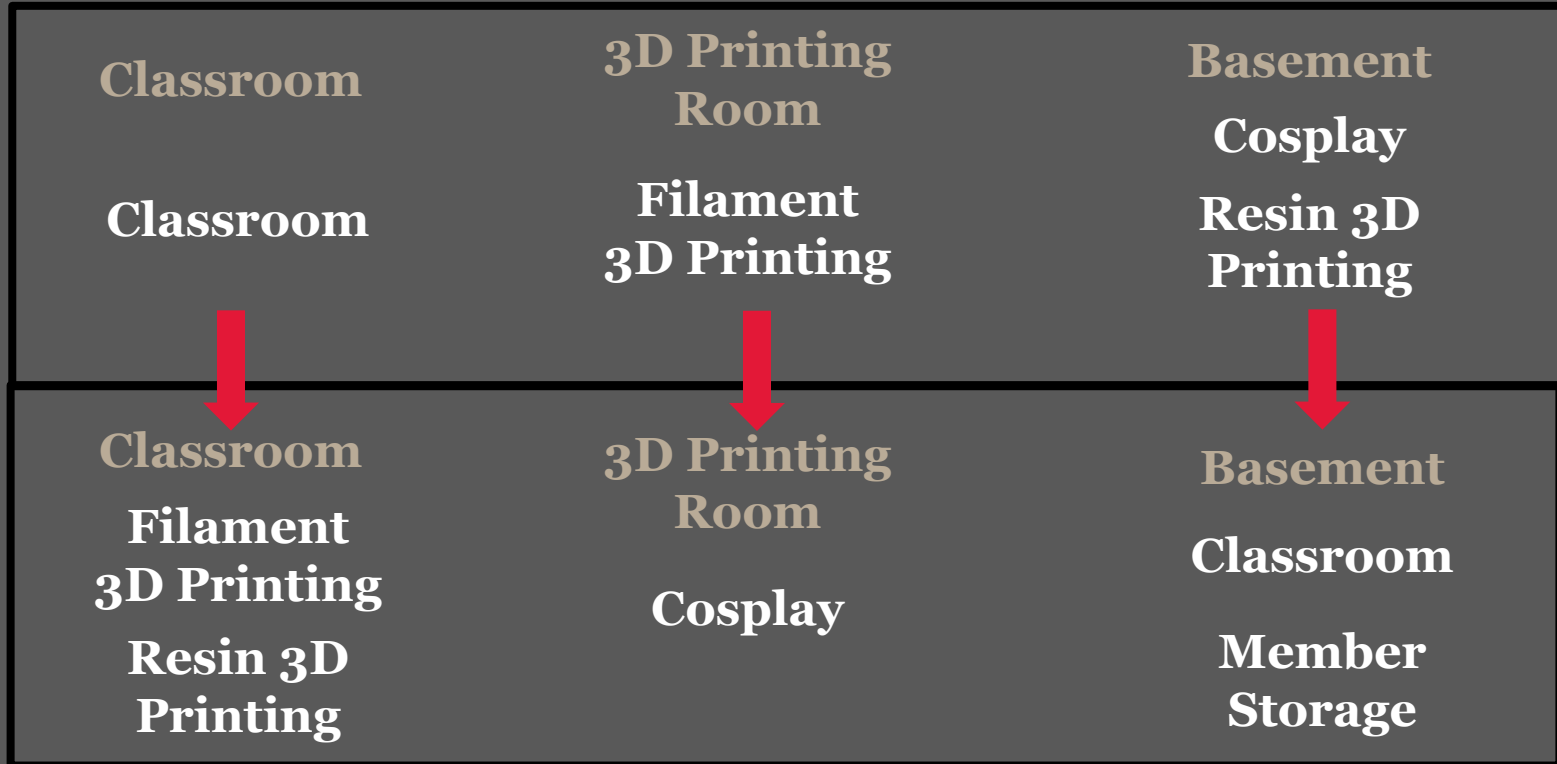
# Problems

1. The room is much larger than 3D printing nor Cosplay's needs
  - a. Not that we mind, but space needs to be used efficiently at Leesburg
2. Membership had begun to use the excess and open space as their own storage
  - a. Projects, leftover materials and scraps, bulky items
  - b. Uncertainty over what belonged to other stewards, to the space, to members, or was trash made removal and clean up impractical
  - c. No room for 3D printing or Cosplay as we continued to move-in and expand
3. No fume extraction = fumes
  - a. Resin 3D printing + some cosplay materials release fumes
  - b. These had caused multiple members headaches, dizziness, and other health symptoms within 30 minutes of being in the room

**Overall, members did not use the room, just the stuff in it.**

# Solution - The Move

**Leesburg Committee has voted to reorganize rooms**



# Solution - For Existing Problems

1. 3D Printing room is a better fit for Cosplay's needs
  - a. Appendix A shows proposed layouts of furniture, tools, and work areas
  - b. Leaves the larger Basement open for Classroom and member storage
2. Cosplay steward will have an easier time maintaining space
  - a. Better able to identify what does and does not belong
  - b. Closed, covered storage instead of open shelves means fewer people will see it as open for their own projects and materials
  - c. Larger member storage in basement means more storage overall for members
3. Other, properly equipped rooms take on fume burden
  - a. New 3D printer room has easy fume extraction system via window for resin printers
  - b. Finishing room (see Leesburg Committee motion) for fume-emitting Cosplay materials
  - c. Members can work and exist in the room without health and safety concerns

# Solution - New Opportunities

1. We can host classes in the Cosplay room
  - a. Beginner cosplay/foam-smithing classes
  - b. Halloween-costume themed classes
  - c. Prop make-and-takes
2. Easily recognizable projects in view of front door (window!)
  - a. Most of what Cosplay makes and displays is from pop culture
    - i. “Oh wow, it’s \_\_\_\_\_ from \_\_\_\_\_!”
  - b. Draws people into the building
  - c. Gives tours something to talk about immediately
3. Cosplay is a synthesis/gateway hobby to other hobbies in Makersmiths
  - a. Can start with something approachable like foam or basic sewing patterns
  - b. Easily can start to expand and incorporate more complex machines, tools, and techniques (Sublimation printer, Serger, Laser, filament and resin 3D Printers, UV Printers, Electronics, Embroidery, CNC, Woodshop, powder coating, etc.)

# Solution - Furniture

Name & Link	Price & Quantity	Reasoning
<a href="#">MELLCOM Height Adjustable Craft Table</a>	\$175 each, 1 needed, <u>\$184.26 total</u>	Height adjustable with standing option, collapsable
<a href="#">Husky 8 Drawer Workbench</a>	\$298 each, 2 needed, <u>\$627.59 total</u>	Drawer storage with worktop, standing height
<a href="#">KALLAX Shelving Unit</a>	\$240 each, 1 needed, <u>\$252.72 total</u>	Open storage for existing plastic bins
Shipping + tax	5.3% sales tax, shipping \$50 each, approx <u>\$200</u>	

**Total: \$1,264.57**

# Solution - Tools

Name & Link	Price & Quantity	Reasoning
<a href="#"><u>Rotary Tool</u></a>	<u>\$36.85</u>	Dedicated tool to avoid gumming up woodshop
<a href="#"><u>Full Length Mirror</u></a>	<u>\$42.12</u>	Fitting costumes
<a href="#"><u>Small Smart TV</u></a>	<u>\$147.42</u>	Displaying photo & video of member cosplays
<a href="#"><u>TV Wall Mount</u></a>	<u>\$15.80</u>	Self-explanatory
<a href="#"><u>Storage Bins</u></a>	<u>\$17.90</u>	Perfectly sized for Kallax
Shipping + tax	5.3% sales tax, shipping estimated <u>\$200</u>	

**Total: \$460.09**



# Solution - Cost Savings

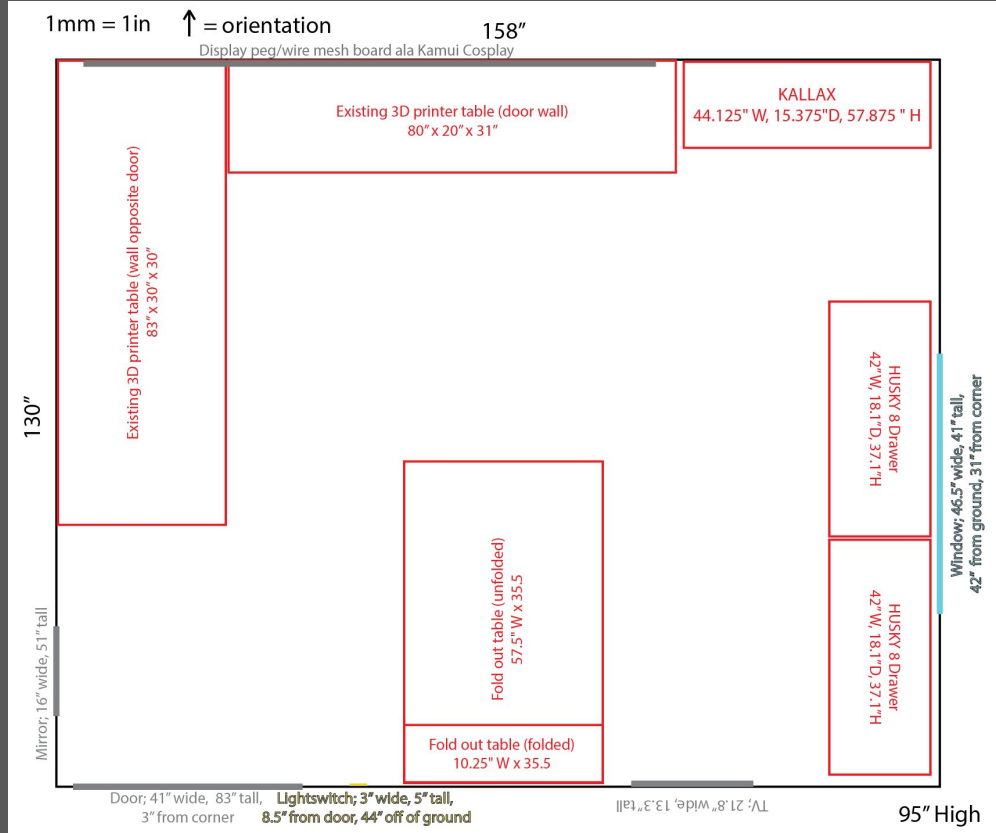
- Total Proposed Budget is \$1724.66, it is unlikely we will use that
- Shipping costs \$-400
  - Amazon Prime has free Shipping
  - Ikea has free shipping on orders > \$50
  - Home Depot we can go in person
- Husky Alternatives \$-varies
  - Standing workbenches such as those made by [Olympia](#) and [Husky](#) are cheaper alternatives that can still be bought in person, and often go on sale (and the one we have listed also often goes on sale)
- Facebook Marketplace \$-varies
  - Common furniture and tools can easily be found for cheap second hand
    - KALLAX
    - Smart TV/mount
    - Full length mirrors

# Solution - Cost Savings Cont'd

- Existing Furniture
  - Two of the 3D Printing tables
  - Wire mesh for display pieces
  - Peg board from basement
- Existing tools
  - Drill Press from basement
  - Sanding box and foam cutters
  - Sewing machine
  - Assorted hand tools

# Appendices

# Appendix A.1 - Furniture Layout



# Appendix A.2 - Tool Layout

