

Explanation from Aaron as to drawings for the NEW shop:

(12-02-14)

Attached are 2 drawings for the NEW shop. They are printed on 11x17 paper. Let me explain what you will be looking at (although we could sit down together and look them over). The first drawing is the ground floor. This includes the shop area with woodworking area and metalworking area. It is important to separate them so that dust and such is less of a fire hazard when welding and metalworking. They are on opposite sides for this reason. There is plenty of storage for materials in each area. In the middle of these areas are the necessary tools such as the table saw and band saw. These are on wheels so they could be moved aside for set layout, painting, etc. On the end of the room opposite of the wood and metal working area is the paint shop. It has sinks, work tables/counters, flammables storage (Far away from the welding area), and plenty of room for paint and supply storage. On this side of the room is also the tool room and hardware storage room. You will also notice a large roll up door that leads to an access hallway. This hallway is design to be a actor cross over so that the shop is not used for that purpose. It also is a natural sound and dust barrier to the theater. The roll up doors from the shop to the theater are in straight line with each other to make load in easy.

On the second drawing you will find a similar layout but this drawing specifically shows props work area and storage. This is located on top of the paint shop, tool room and hardware room. This way we are maximizing the overall area of the room. There is an access stair case in the paint area. Also I've thought that a removable section of handrail would be great for hoisting large pieces to and from the prop area.

You will notice a dock as we've discussed. Located out here is the air compressor (larger than we have now, to be more adequate for tools) and the dust collection system.

I've included a few dimensions that are there just for reference and scale. In general this drawing carefully represents appropriate work flow in the room. We can discuss this further. I would hope for a shop that is "bare bones" in architecture. For example concrete floor, cinder block or concrete walls and exposed room trusses. This makes for the ability to rig in the shop and is safe for welding and such. Although I'm a bit conflicted because a wood floor would be great for set layout so we can screw into it.

Overall the square footage's are much larger. Here is how it breaks down and compares:

Old shop: 750sqft

M2: 1500 sq ft

M2 and Old shop combined work area: 2250 sq ft

M1: 3250 sq ft

New theater: similar size about 3600sqft (60ft x 60ft)

New shop raw: 3750 sq ft

New shop broken down

Paints: 704 sq ft

Props: 1010 sq ft

Shop: 2740 sq ft

Usable shop floor for set layout: 1976 sq ft (this subtracts overall shop space for usable space occupied by permanent work benches and racks.)

As we discussed this new shop USABLE space is about 2.5 times larger than the current shop.

The new shop does not include storage space for seating bank carts, seats, and handrail etc. I considered this a support space did not draw that. It is something that could be a smaller sized room that is meant just for that purpose. I could draw it in somewhere if you like.