MIKE ASHEY PRODUCTIONS

PRESENTS

MIKE ASHEY'S PHASE-II HOBBY ROOM EXPANSION

The area above our garage was an unfinished room so years ago I decided to close in about half of it and make it my hobby room. With retirement looming on the horizon, I decided that it was time to close in the remaining area and set up the ideal hobby room, which would include a clean room for airbrushing. I also needed more storage space for the unbuilt models that I have accumulated over the last 30 years.

I started the project by labeling and then moving all the electrical wires, then I removed the flooring, added insulation and then reattached it including adding flooring to areas between the lower trusses. Next was the outer wall framing and then adding addition lips on the overhead trusses for sheetrock. I had to build two walls for the stairwell and add a door plus locations for two air conditioners. The original hobby room wall was removed, all the sheetrock was installed in small sections and then the wood trim was added. . All the sheetrock seams were covered with mesh and then filled with wall mud. The walls were then plastered and the entire room including the old hobby walls were painted with a nice gray color that my wife Leah picked out. She also found tile that was a close match to the existing tile. I built some more work benches and Leah and I reorganized the entire room and we also did a complete inventory of all my unbuilt models using Microsoft EXCEL.

The phase-I hobby room project that I did years ago only enclosed about half the unfinished area above our garage. The goal for the phase-II expansion was to completely enclose the entire area.

This area will be the clean room for airbrushing. I plane to have duel exhaust ventilators and a separate wall air Conditioner. The sheetrock and the existing framing is being removed so that I can pull up the floor.

The area that will be the clean room will be large, but first the electrical wiring has to be moved and new outlets installed. The framing needs to be installed for the walls and the entire area are needs to be insulated.

There was a lot of wiring that needed to be moved. Every wire was traced and then tagged, with what plug, switch or light it provided power to. Each wire will need to be spliced and lengthened.

A separate platform was installed just for the wiring and splice boxes. Each wire was labeled and each splice box was also labeled so that it would be easy to determine where wires were located should the need arise.

Insulation was added to the floor between the trusses and as it was installed, the flooring was positioned so that it could be screwed down. Screw holes were pre-drilled and beveled so that the wood screws would sit flush.

The insulation is almost complete and the flooring is set in place and some of it has been screwed down.

Additional flooring was added between the truss braces. These smaller areas will be storage for kits and supplies.

All the flooring is now installed except for the small areas between the trusses. Small lengths of wood were screwed into the trusses to act as nailing lips for the small sections of flooring that will fill these small floor voids.

The floor voids have been filled and the outer wall framing is being set in place. The boards nailed into the trusses set the upper position for the wall frame.

I used a lot of clamps to set the framing in place and then pre-drilled holes for wood screws. For this entire project heavy duty wood deck screws were used.

The wall framing is now complete except for some cross members for sheetrock nailing.

A nailing lip needed to be added to the outer wall frame for the sheetrock. I like to have at least a 1.5 inch nailing lip.

Each truss had an extra length of wood attached so that there would be a 3 inch surface for connecting sections of sheetrock. Since I was doing all the interior sheetrock work myself, I would need to install small sections at a time.

The floor studs for the stairwell walls and the door frame were carefully measured and marked on the floor and then sections of wood were screwed into the floor.

My son Gregory helped me install the upper framing and the vertical door frame and we set the door and shimmed it into place.

One side of the stairwell wall frame has been completed and additional studs and cross members will need to be added. Once all the framing is complete the electrical work will be done.

As I worked on the wall framing for the stairwell, I also removed the wall from the existing hobby room.

The stairwell wall which will hold the large air conditioner which is also a heater is just about complete.

My son Thomas helped me install large sections of sheetrock on the outside areas of the stairwell.

Small wall framing was also added at the bottoms of the trusses.

The duel vents for the clean room were measured and then traced onto the sheetrock and then cutouts were made for the piping.

The entire addition as been insulated and the air conditioners are running to help keep me cool.

I installed the small wall section of sheetrock so that I could cut out the interior vent openings and finish installing them including the exterior vent covers in the stairwell.

There will be a lot of storage space for kits and supplies in the clean room. Note how tight all the flooring sections butt up against one another.

The ceiling areas had sections of sheetrock attached first.

Once the ceiling was completed I worked on covering the walls with sheetrock.

Since the small walls at the bases of the trusses were designed to allow access to the electrical splice boxes these areas were covered with 1/2 inch plywood.

This is the passage way between the airbrushing clean room and the main area.

Once all the sheetrock was installed the window was framed out and then wood trim was added to the floors and around the door.

The wood trim has been added around the air conditioner units and now its time to trim out around the trusses.

Framing was added for the ventilator units that will be added after the walls are painted.

I had to use several sections of different sizes of wood to get the framing around the door to look good.

The trim work around all the trusses is complete and now its time to start the wall mudding.

The seams were covered with fiberglass screening and then filled with wall mud. After the seam mud dried I plastered the walls.

The surfaces were primed and then finished paint was applied around the edges to box in areas that will be rolled.

With the new walls receiving two coats of paint its now time to paint the rest of the existing hobby room to match the new paint color.

My wife Leah picked out the gray color and she helped me roll the walls in the existing hobby room. Here again two coats of new paint were applied to the walls.

My wife Leah found floor tiles which closely matched the existing tiles. It took several evenings to lay all the tile.

The boxes for the ventilators have been installed and painted.

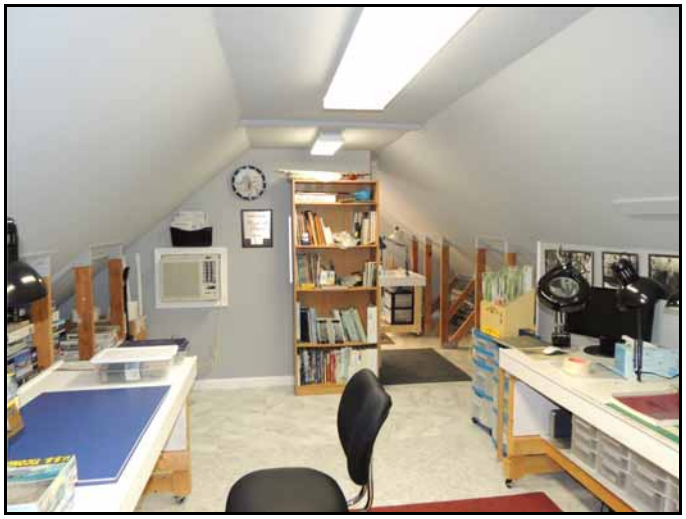
The ventilators have been installed along with the flexible piping.

I made two separate work benches so that one could be slid out to access the storage area behind them. I decided to store all the collectable models behind these work benches.

I installed foam board around the work area so that the fumes and paint dust would be more easily sucked out by the ventilators.

This is my new weathering work station which is on the other side from the airbrushing area.

Note the overlapping plastic sheets draped across the door to help keep out dust and dirt. I still need to hang overlapping plastic sheeting at the entrance way to the airbrushing clean room area to reduce dust.



This is the main work area looking towards the stairwell and the passage way to the clean room.

Here is the photography station which is on the back wall of the main work area. The monitor on the left is for cable TV and playing DVD's.

This is the construction station. Note the desk lamps and the magnifier for close up work. I also have a laptop for displaying past project pictures and my vast collection of reference photos.