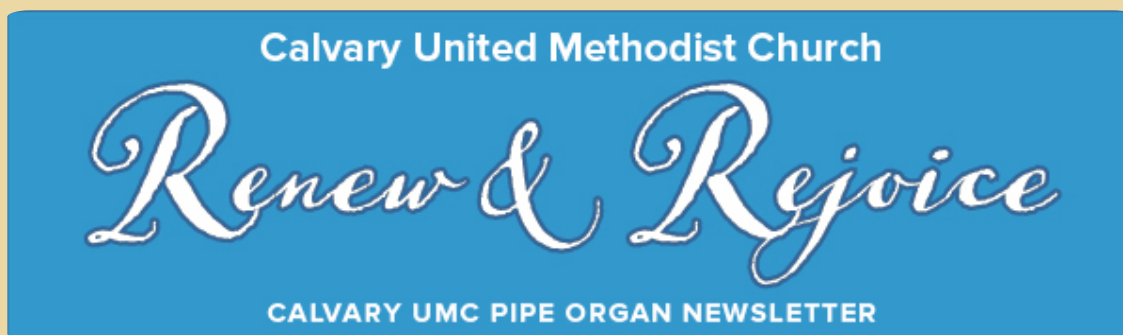


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New Pipe Organ (Opus 167) Updates - June and July 2023

Throughout June and July, Zimmer has continued to voice pipes, work on the expression shades, and bring our console to a nearly complete unit. Work has begun on the casework. (Photos of casework will be included in the next newsletter.)

Meanwhile at the Church, Personalized Home Solutions has completed the renovation of the pipe chambers and installed new, permanent, and most importantly, safe ladders to access the chambers. The organ installation timeline is still pending, however, Zimmer is keeping in close contact with us. Thank you for your support of this exciting and historic project!



Our new console shell, with draw knob jams on each side.



Back frame of console before panels installed. This will be the only time we will ever see the "guts" of the console!



The back of the console with panels installed.



Side view of console.



The console with keyboards and pedals. The next step is to dismantle the console and send the pieces to the paint chamber for staining and finishing. The outside and bottom of console are oak and will be stained to match the oak in the Sanctuary. The



One of two expression shades which control the loudness and softness of sound from the pipes in the chambers.



Finished pipes being sprayed and lacquered.



Zimmer team members wire a wind chest.



Jim, Zimmer's resident "pipe whisperer," fits each individual pipe to its hole in the windchest where it will live. Each of the 2,791 pipes in our organ is custom fitted to its windchest home.



darker wood used for the draw knob jams and behind the keyboard is walnut, and will be stained darker.



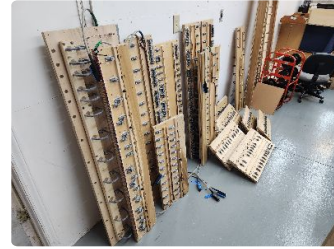
Wind chests in the paint room for finishing.



This close up of a bottom board shows magnets. Each pipe has a magnet and when a key on the console is pressed, the magnet opens a hole for the air to move through and allows the pipe to make sound.



The vox humana, also known as "vox in a box." These are



Bottom boards of windchests with completed wiring.



Pouchboards with rubber tuning connected inside the windchest.



Jim fits the 16' English horn pipes to the windchest. These pipes have an interesting "funnel" shaped top to create the horn sound.



Oak wood glued and waiting to be cut for decorative casework carvings.

reed pipes that resemble the human voice.

One of two new permanent aluminum ladders for chamber access.



Zimmer's Shop in Denver, North Carolina.



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