



## **New Pipe Organ (Opus 167) Updates - February thru May 2023**

**Since February, Zimmer has continued to voice pipes, renovate the Open Wood pipes, start construction of the expression shades, and begun work on the console. (Photos of the console and casework will be in the next edition of this newsletter.) Meanwhile at the Church, Personalized Home Solutions has completed the electrical work for the organ and has begun renovation of the pipe chambers. The organ installation will most likely begin in August (specific schedule still to be determined) as Zimmer is waiting on production and delivery of the new pipes that will be used. Thank you for your support of this exciting and historic project!**



Jim "the pipe whisperer" in his shop at Zimmer voices dulciana pipes, which are a soft-toned organ stop. Pipe voicing means that the tonal quality of the pipe is adjusted to create a specific quality of sound to blend with other pipes. This is different from "tuning" a pipe to achieve a specific pitch or note.



Our original (and very old!) Open Wood pipes (large, square pipes made of wood) are being painted. These pipes will hang on the transept walls in the Sanctuary, with six on each side.



The Open Wood pipes are being outfitted with new tuning slides as part of their restoration.





Zimmer team member Will repacks Bourdon pipe stoppers with leather to ensure a tight seal in the air passageway in the pipe.

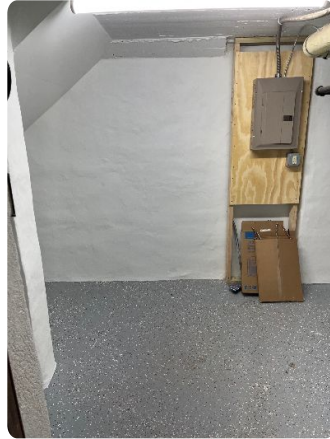
Because our organ will contain 2,791 pipes, Zimmer is making a LOT of pouch boards! Pouches are made of leather and sit under each pipe and the pipe sits on the board. They are part of the process of controlling the wind (air) allowed into each pipe.



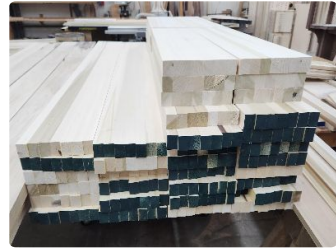
Wood dowels are being added to the Open Wood pipes to improve pipe "speech." Each pipe must play with the correct onset of sound, tone, and volume.



This photo of the blower room in the basement was taken last fall when the renovation work on the room began. The stone walls, bare concrete floor, and opening from the access tunnels that run under the Sanctuary allowed a lot of dirt and dust to enter the blower motor and end up in the pipes as air was forced through.



The new beautiful, clean blower room! The walls and floor are sealed, the new electrical panel is installed, the access point to the tunnel is covered, and the air that will be forced through the new organ pipes will be much cleaner.



Poplar wood is glued together to create new expression shades. These shades, installed in the chambers, help control the organ's volume as the organist opens and closes them.



Work is currently taking place in both pipe chambers (the upper rooms on each side of the chancel, behind the arches). The walls and ceilings are being repaired and repainted, the small stained-glass windows are being insulated and sealed, and



Zimmer's Shop in Denver, North Carolina.

holes will be bored for the air pipe that will extend through the wall to supply air to each wind chest on the transept walls.

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