

ANNOTATED

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30 March 2018

Peter Crisafulli
Minister of Music
All Saints Church
3 Chevy Chase Circle
Chevy Chase, MD 20815

Dear Mr. Crisafulli:

Thank you for the opportunity to submit an evaluation of the pipe organ at All Saints Church and a proposal for your consideration.

As you know, Lewis & Hitchcock built an instrument for All Saints Church in 1922; a few ranks from that instrument were kept when Virgil Cannarsa built a substantially new instrument in the 1980's. The organ is now showing signs of age and steps should be taken to insure its reliability for years to come.

The most pressing concerns are the console, the electrical control system, and the winding system. The existing console is larger than necessary (to accommodate the large original control system with many mechanical parts); the console juts out into the aisle that is needed for access as parishioners return to their seats after receiving communion. Pistons and key contacts are not always reliable, key bushings are loose, and the wooden shell is in need of cosmetic repair. Given these factors, together with the general age and condition of components, we recommend replacing the console at this time. In like manner, the electrical control system (with portions designed and built by Cannarsa, and hence with limited technical support available) is at the point where we often see age-related problems and should be replaced; newer systems provide much greater flexibility for the organist. The winding system, with many air leaks and with blowers located on the dirt floor of the crawl space under the church, should be replaced and re-engineered. There are a number of tonal improvements needed to improve the speech of the existing pipework. Some cleaning is needed, along with releathering of the façade offset wind chests.

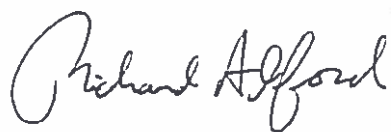
We have divided our proposal into three general sections: console and control system, winding system, and tonal work. The attached summary and specification outline our suggestions, which we will be glad to adapt as needed. Please let us know your thoughts and if you have any questions. Once the proposals are acceptable we will prepare a contract for consideration. We look forward to working

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with you and others to bring the organ at All Saints back into good condition and to provide for the musical needs of the parish for years to come.

Sincerely,

A handwritten signature in cursive script that reads "Richard Alford". The signature is written in dark ink and is positioned above the printed name.

Richard Alford

Summary of Proposal for Organ Renovation at All Saints Church, Chevy Chase, MD

A. Console and Control System

1. We will remove the existing console, control system, and Swell expression motor.
2. We will remove the pipes from the organ, leaving most of the Swell pipes and larger bass pipes in place.
3. We will remove the Pedal, Great and Positiv wind chests for rewiring and cleaning.
4. We will clean the chamber, offset wind chests, and larger pipes in place.*
5. We will provide and install a new three manual roll-top, red oak console with raised panels, mahogany interior trim, and draw knob controls in the traditional "English draw knob" manner (see specification following). This console will be built to the standards of the pipe organ industry and the American Guild of Organists. A final plan for piston and toe stud layout will be developed in consultation with the church organist.
6. We will provide and install a new, adjustable bench in red oak, stained to match the console.
7. We will provide and install a new solid-state relay and control system (the Syndyne MS8400 Master System), draw knob units, coupler tilt-tabs, touch screen control panel, pistons, toe studs, crescendo and expression potentiometers, wiring harness, and engraved plates.
8. We will provide and install new power supplies in the console and chamber.
9. We will replace the existing wiring from the action magnets to the chamber relay to comply with the latest revision of the National Electric Code. The Swell wind chest may be re-wired on location.
10. We will releather the 12 actions of the façade wind chests.*
11. We will provide and install a new, quiet electric expression motor for the Swell.*
12. We will install all refurbished components, program the new control system, provide operating instructions for the organist, and leave the organ ready for use.

how much will this affect height?
- finish to match woodwork in church

The items marked "" are included in this phase as removal of the pipework, etc. provides sufficient access. The Church will be responsible for required changes to 110/220VAC circuitry. We will advise the church's electrician concerning requirements.*

The total cost for this phase will be \$133,500. We will ask for a 10% down payment with the signed contract, 30% when removal begins, 30% when the new console is ready, and the final payment due upon satisfactory completion. Our work will be covered by a 10-year warranty on parts and labor.

If the decision is made to make the new console movable, the console can be placed on a movable platform, for an additional \$3,500, after the church's contractor removes the existing concrete riser.

B. Winding

1. We will work with the church to determine the best way to adapt the space for the blowers and provide suitable access. This should include access to draw conditioned air from the church into the blower.
2. We will remove the two existing blowers.
3. Once the area for the blowers has been improved we will provide and install a new 2hp "Zephyr" blower with sealed, permanently lubricated, bearings, and sound-deadening enclosure.
4. We will seal accessible wind leaks.
5. We will check wind pressures and make any needed adjustments.

The Church will be responsible for required changes to 110/220VAC circuitry. We will advise the church's electrician concerning requirements.

The total cost for this phase will be approximately \$9,100. Note that plans for how the new blower is to be placed may alter the final price. We will ask for a 40% down payment with the signed contract, and the final payment will be due upon satisfactory completion. This work will be covered by a 5-year warranty (set by the manufacturer) on parts and labor.

C. Tonal Work

1. We will revoice the Great Principal chorus.
2. We will revoice or replace the pipes of the Great 16' Quintaten.
3. We will raise languids, as needed, to improve speech on larger, bass pipes.
4. We will work with Trivo, Inc. of Hagerstown, MD to revoice the pipes of the 8' Trompette Fête.
5. We will work with Trivo, Inc. of Hagerstown, MD to revoice the pipes of the 16' Bombarde.
6. We will increase the scale of the pipes of the IV Cornet.
7. We will provide and install two new inertia-type tremolos for the Swell and Positiv reservoirs.
8. We will make minor adjustments to the voicing and regulation of the pipework, as needed.
9. We will tune the pipework and leave the organ ready for use.

The total cost for this phase will be \$22,975. We will ask for a 40% down payment with the signed contract, and the final payment will be due upon satisfactory completion. Note that this price is based on completing this work at the same time as "A" above; if the work is done at a separate time the price will be approximately \$5,600 greater, due to the added expense of additional removal and installation.

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important!