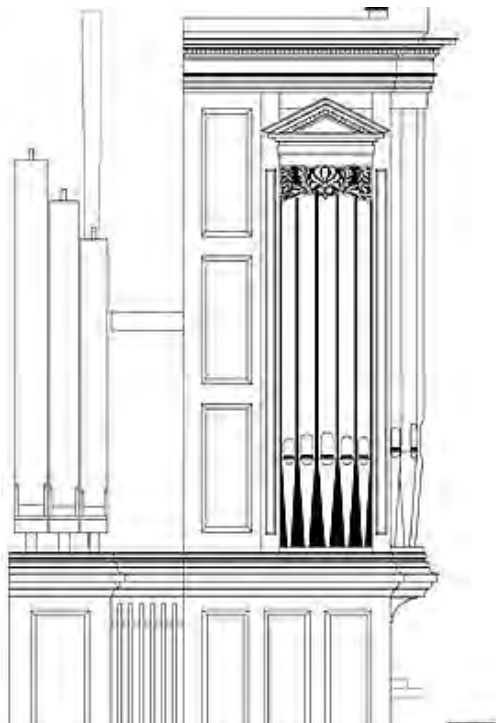
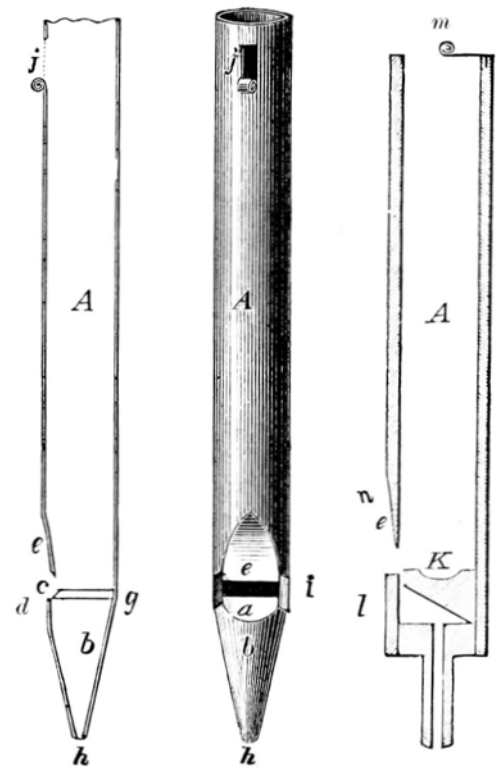


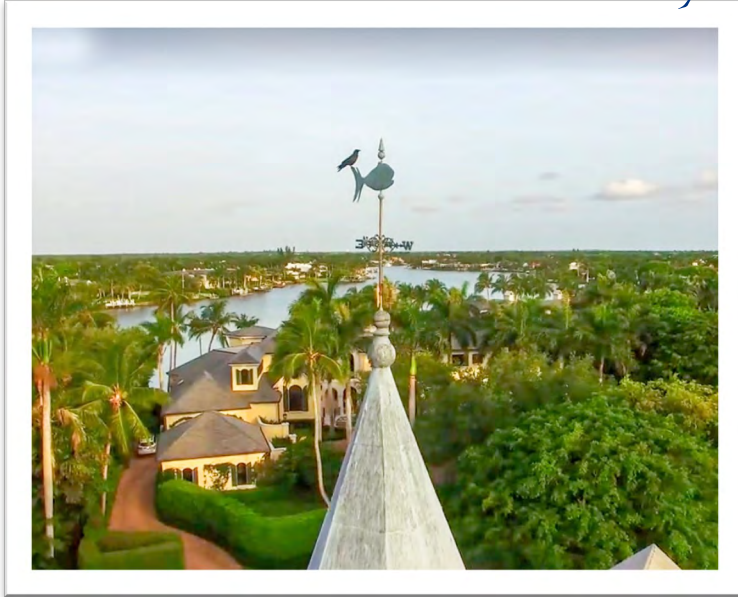
Praise with the Organ



Visualize your gift

Trinity-by-the-Cove Episcopal Church

The Soul's own Speech Visualized



We have embarked on a campaign to raise money for a replacement of our hurricane damaged organ. It's a big project with several facets and components. Although our campaign brochure explains the critical aspects of our project, we thought it also helpful to create this document to help us all visualize how our gifts, when combined, will build us the organ that will accompany choral music, foster congregational singing, and stand alone as a concert instrument.

Pipe organs are large, complex, custom-built works of art designed, constructed, installed and voiced by skilled, experienced and dedicated crafts persons. Each pipe organ is unique, designed especially for the space in which it will live. One cannot order an organ from a catalog or buy it "off the rack." Our organ is designed keeping in mind how it will be used, how much space is available for the organ, and the size of our worship space.

On the next page read about the parts of an organ and then on the following pages look at the pictures, read the descriptions, and imagine each part and what a gift would represent. *These costs are approximations intended only to help you in thinking about your participation and delight your imagination.*

Additionally, because this is a special project, memorial gifts are appropriate and will be recorded in our *Legacies and Memorials* booklet, which is published each year.

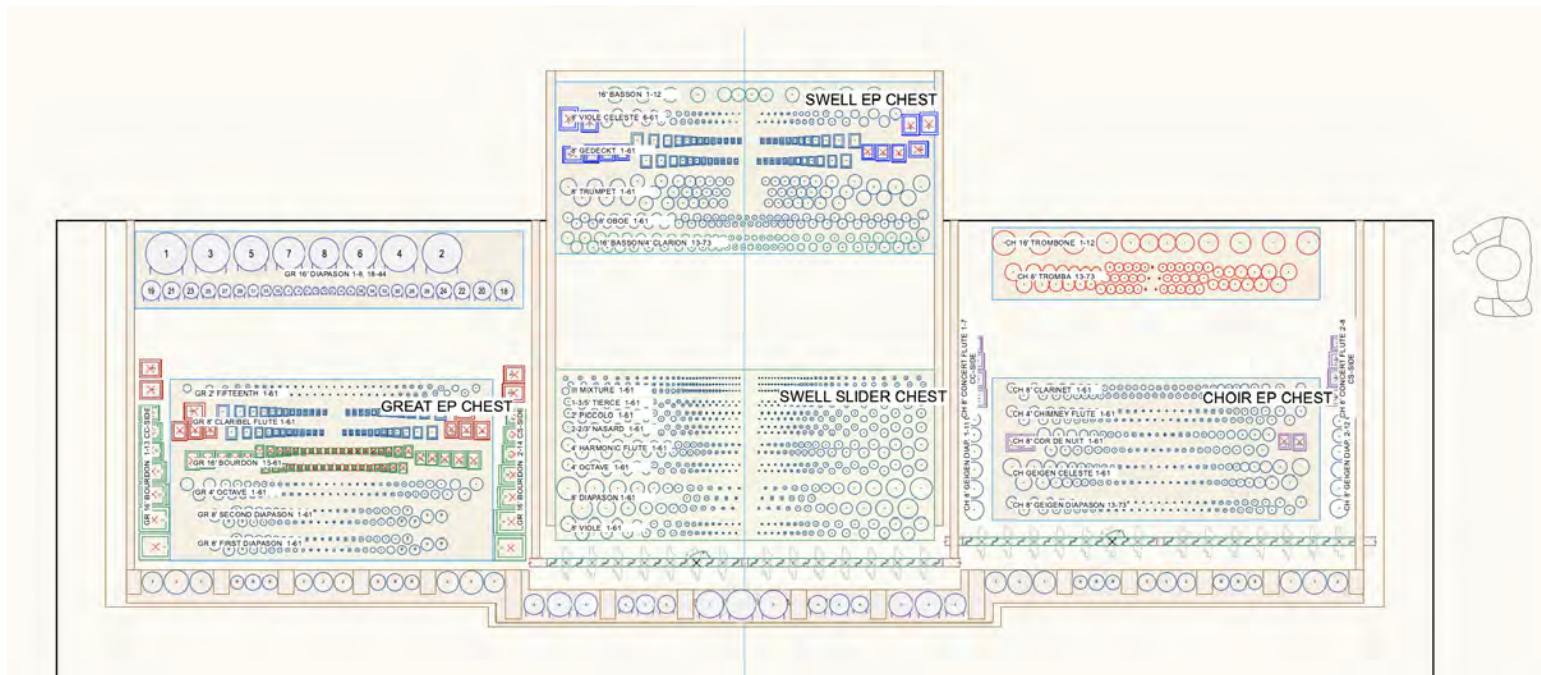
If you have questions or would like to discuss any aspects of the music program at Trinity-by-the-Cove, please feel free to contact me.

—Fr. Edward.
egleason@trinitybythecove.com
239.262.6581 x 209



An Organ Explained

We may not have the case design yet, which is most of what we will all see after the installation, but we do have a layout of how the pipes will be installed! This picture shows the placement of each pipe on the organ balcony.



Organs are played by both the hands and feet, with multiple keyboards for the hands, known as “manuals” as well as one keyboard for the feet, known as the “pedalboard”. Our Dobson organ, like the Casavant before, will have three manuals and pedal. Each of the manuals make up what is known as a “division”, referring to how the certain stops are grouped with regards to placement in the case, but also referring to function.

Great division: The core ensemble of the organ for congregational singing and organ literature. It consists of a principal chorus, made up of diapason stops, which is term used to describe basic, vocal, organ tone. It will have six different 8’ foundation stops, compared to just three in the Casavant, which was a key criteria for our selection process. This greater number of 8’ stops will lead to greater reinforcement of fundamental pitches and therefore less reliance on more high pitched, piercing sounds to provide volume to lead hymn singing.

Swell division: The workhorse for accompaniment. This is the largest division of the organ, in the center of the case behind expression shades (louvers). While our Casavant had expression, the Dobson shades will be thicker and better fitted so the organist has even greater dynamic flexibility. All families of organ tone are represented in the swell: diapason, flute, string, and a powerful reed chorus. Solo stops include the oboe and the cornet.

Solo division: Like its name suggests, this division is made of stops that imitate the tone of orchestral instruments such as the clarinet, English horn, Harmonic flute, and bold orchestral strings. Crowning this division is the tromba, a dark trumpet that will be used for heraldic fanfares and bridal processions.

Pedal division: The longest pipes for the bass line. An independent principal chorus supplemented by careful borrowing of certain stops from the manual divisions.

Console: The “command center” for the organist, it is essential that the console be comfortable and efficient. Dobson consoles are of the highest craftsmanship, pleasing to the eye, efficient with placement of pistons and other aids, and comfortable for the organist to sit at for long periods of time. The terraced stopjambs will provide better sightlines between organist and choir.



Console and Bench

Console (and bench)

- ◆ Organist's control center, where one selects the individual pipes to be played and which pitches.
- ◆ Three manual (hand) keyboards, and pedalboard.
- ◆ Memory combination action that allows organist to pre-set combinations for instant recall.
- ◆ Beautiful carpentry and woodworking to create the exterior casing, music rack, and bench.

\$95,000



Three Keyboards

Keyboards

- ◆ Our organ has three keyboards, called manuals, each with 61 keys: The great keyboard, the swell manual, and the solo manual
- ◆ Natural keys made of bone, Sharp keys made of ebony.

\$10,000 each



Pedalboard

Pedalboard

- ◆ An organ is different from a piano in that the organist plays a separate keyboard with his or her feet! There are 32 pedal keys, constructed from hard maple for the naturals and rosewood for the sharps.
- ◆ Also consists of the toe studs, which are more combination presets, as well as the two expression pedals, which control volume of the swell and solo divisions.

\$8,000

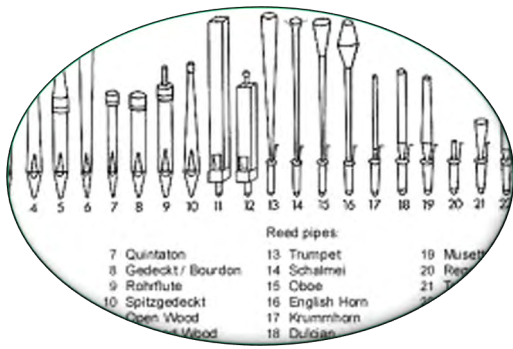


Stops

Stops (and couplers)

- ◆ Controls that activates an individual sound. Organists can use them by themselves or in a myriad of combinations.
- ◆ This is where the phrase "Pulling out all the stops" comes from!
- ◆ Couplers allow the organist to combine sounds from multiple keyboards.
- ◆ Our organ design currently has 53 stops.

\$5,000 for a stop

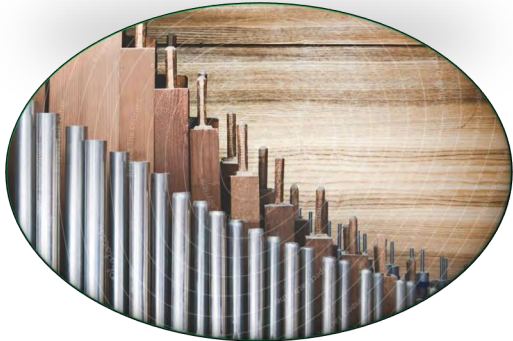


Pipes Galore!

Pipes

- ◆ 1,861 pipes in our design.
- ◆ Size ranges from 16' to the size of a pencil.
- ◆ Pipes are constructed from tin alloys, zinc alloys, and wood.
- ◆ Four families of pipe types: Diapason, flute, string, and reed.

\$500 per pipe



Rank upon Rank

Ranks

- ◆ A rank is the term used for a complete set of 61 pipes of the same stop, or 32 pipes for a pedal rank.
- ◆ There are fewer ranks than stops because we've designed the organ to have certain stops duplicated for versatility purposes.
- ◆ Our Dobson will have 30 ranks of pipes.

Depends on the Rank (see pages 8&9)



Wind Chests

Wind Chest

- ◆ The windchest (we will have six) is what regulates wind-flow into the pipes. The pipes sit on top of the windchest and the wind is fed from underneath.
- ◆ Our organ will feature two separate types of windchest designs: slider and electro pneumatic

\$7,500 each



Blower

Blower

- ◆ The blower generates the wind supply that is fed through the windchest and into the pipes.
- ◆ Unlike a piano, the organ is a wind instrument!
- ◆ Before the invention of electricity, all organs had to be hand pumped.

\$10,000

Memorial Gifts

Memorials are those gifts to the church offered to remind people of a person or particular blessing. A contribution to the organ project is a wonderful way to recognize someone who has made a difference in your life or in thanksgiving for a major event on your faith journey. Memorial will be included in a special section of our annual *Legacies and Memorials* report.

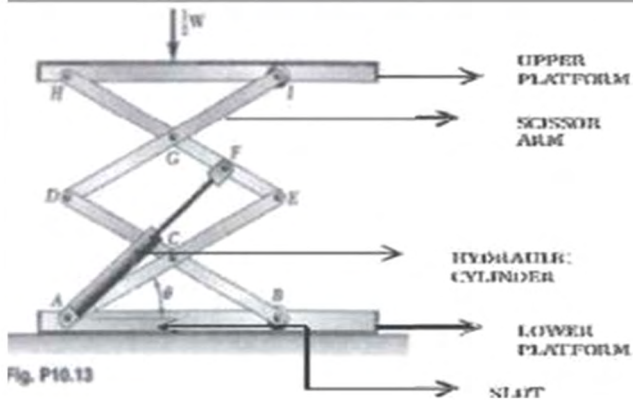


Improvements



Console Lift

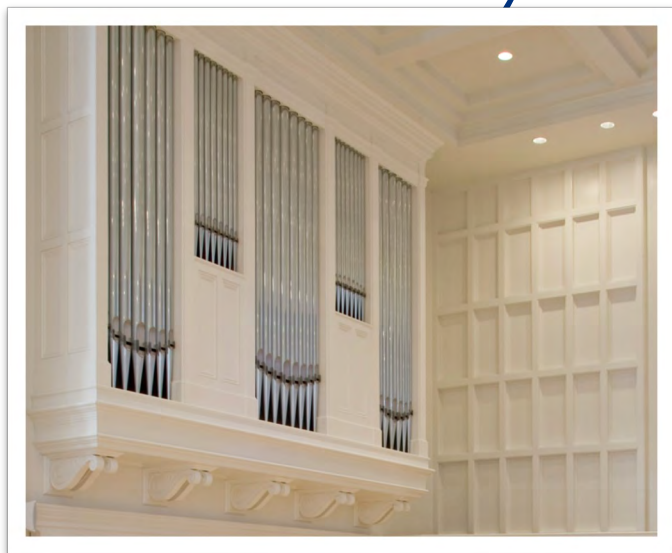
- ◆ A unique aspect of our design is a mechanical lift that will be installed underneath the organ console. This will help us avoid future flood damage. Although the lift is approximated to cost \$50,000, considering the hard work, time and energy recovering from a hurricane, it can be argued the lift is priceless.



Organ Balcony

- ◆ The organ balcony was installed in the 1970s. Our architect and organ builder are designing an updated balcony that can support the weight of our new organ and case. \$200,000-250,000
- ◆ There will be extensive wordwork inside the organ to hold the pipes. \$375,000

Improvements



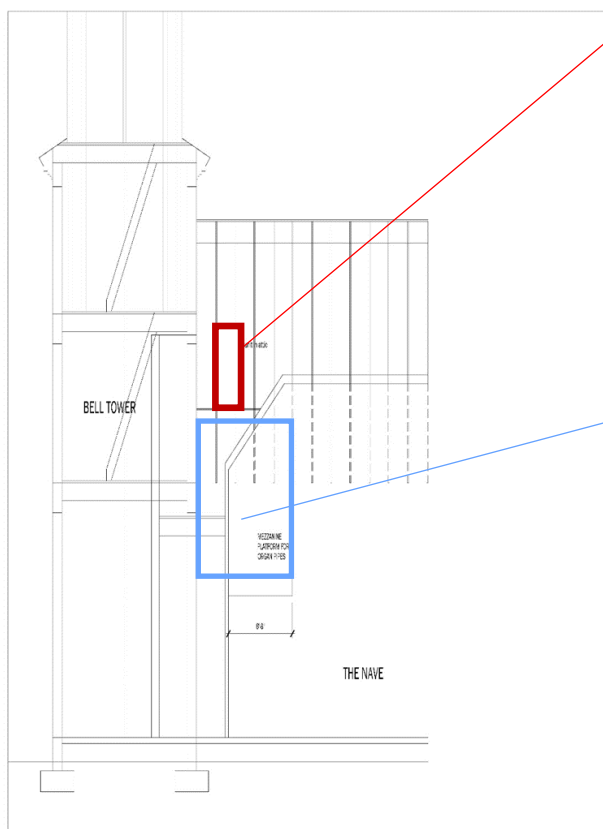
Case

- ◆ The case will not only provide secondary protection from roof leaks, it will enhance the sound of the organ. Included with the case will be façade woodwork, pipe supports, swell boxes and shades.

Swell Box Enclosure & Shades \$12,000

Solo Box \$12,000

Façade & Woodwork \$110,000



Air Handler &
Condensation
Drain Pan

Organ Pipes

HVAC

- ◆ The air handler will need to be moved to safeguard the new instrument. One option is to use our current system, but rearrange it. Another option we are discerning is a split system that will eliminate duct work and potentially allow us to get all HVAC equipment above the flood plane. \$250,000-350,000

Proposed Specification 4A of an Organ for
Trinity-by-the-Cove Episcopal Church
Naples, Florida

GREAT (II; on left side, unenclosed except for Solo stops)				
\$30,000	16	Bourdon	<i>wood & 30% tin</i>	61 pipes
\$50,000	8	First Diapason	<i>partly in façade; 75% & 50% tin</i>	61 pipes
\$50,000	8	Second Diapason	<i>partly in façade; 75% & 50% tin</i>	61 pipes
\$30,000	8	Harmonic Flute	<i>Solo</i>	
\$30,000	8	Chimney Flute	<i>30% tin; 1-12 from Bourdon 16</i>	49 pipes
\$20,000	8	Gamba	<i>Solo</i>	
\$15,000	4	Octave	<i>50% tin</i>	61 pipes
\$15,000	4	Flute	<i>Solo</i>	
\$15,000	2 $\frac{2}{3}$	Twelfth	<i>50% tin</i>	61 pipes
\$10,000	2	Fifteenth	<i>50% tin</i>	61 pipes
\$10,000	1 $\frac{3}{5}$	Seventeenth	<i>50% tin</i>	61 pipes
\$10,000	II	Mixture 1 $\frac{1}{3}$	<i>derived from Twelfth 2$\frac{2}{3}$ & Fifteenth 2</i>	
\$60,000	8	Tromba	<i>Solo</i>	
\$25,000	8	Fagotto	<i>Swell</i>	
\$25,000	8	Clarinet	<i>Solo</i>	
\$2,500		Great 16		
\$2,500		Great 4		
\$2,500		Great Unison Silent		

SWELL (III; in center, enclosed)				
\$40,000	16	Lieblich Gedeckt	<i>TC; Swell Gedeckt 8</i>	
\$30,000	8	Diapason	<i>50% tin</i>	61 pipes
\$25,000	8	Gedeckt	<i>wood & 30% tin</i>	61 pipes
\$20,000	8	Viole	<i>75% tin</i>	61 pipes
\$25,000	8	Viole Celeste	<i>75% tin</i>	61 pipes
\$20,000	4	Octave	<i>50% tin</i>	61 pipes
\$20,000	4	Traverse Flute	<i>wood & 30% tin</i>	61 pipes
\$10,000	2 $\frac{2}{3}$	Nazard	<i>30% tin</i>	61 pipes
\$10,000	2	Flautino	<i>30% tin</i>	61 pipes
\$10,000	1 $\frac{3}{5}$	Tierce	<i>30% tin</i>	61 pipes
\$25,000	III	Mixture 2	<i>50% tin</i>	183 pipes
\$30,000	16	Fagotto	<i>50% tin</i>	61 pipes
\$30,000	8	Trumpet	<i>50% tin</i>	61 pipes
\$30,000	8	Oboe	<i>50% tin</i>	61 pipes
\$20,000	4	Clarion	<i>ext. Fagotto 16</i>	24 pipes
\$2,500		Swell 16		
\$2,500		Swell 4		
\$2,500		Swell Unison Silent		
\$2500		Tremulant		

SOLO (I; on right side, enclosed)

\$15,000	16	Gamba	TC; <i>Solo Gamba 8</i>	
\$30,000	8	Harmonic Flute	<i>wood & 30% tin</i>	61 pipes
\$15,000	8	Gamba	<i>50% tin</i>	61 pipes
\$15,000	8	Gamba Celeste	<i>50% tin</i>	61 pipes
\$10,000	4	Flute	<i>ext. Harmonic Flute 8</i>	12 pipes
\$10,000	4	Gambette	<i>ext. Gamba 8</i>	12 pipes
\$30,000	8	English Horn	<i>zinc & 50% tin</i>	61 pipes
\$20,000	8	Oboe	<i>Swell</i>	
\$30,000	8	Clarinet	<i>30% tin</i>	61 pipes
\$60,000	8	Tromba	<i>50% tin, high pressure</i>	61 pipes
\$2,500		Solo 16		
\$2,500		Solo 4		
\$2,500		Solo Unison Silent		
\$2,500		Tremulant	<i>affects all Solo stops except Tromba</i>	
<i>Reusing</i>		Chimes		

PEDAL

\$15,000	32	Resultant	<i>1-12 Diap. 16 + Bdn. 16, rest Bourdon</i>	
\$85,000	16	Diapason	<i>partly in façade; zinc, 75% & 50% tin</i>	32 pipes
\$35,000	16	Bourdon	<i>Great</i>	
\$15,000	8	Octave	<i>ext. Diapason 16</i>	12 pipes
\$5,000	8	Gamba	<i>Solo</i>	
\$5,000	8	Bourdon	<i>Great Chimney Flute 8</i>	
\$15,000	4	Super Octave	<i>Great First Diapason 8</i>	
\$10,000	4	Flute	<i>Solo Harmonic Flute 8</i>	
\$100,000	16	Trombone	<i>ext. Solo Tromba 8</i>	12 pipes
\$30,000	16	Fagotto	<i>Swell</i>	
\$30,000	8	Tromba	<i>Solo</i>	
\$20,000	8	Fagotto	<i>Swell</i>	
\$10,000	4	Clarion	<i>Swell Trumpet 8</i>	

\$2,500	Great to Pedal 8	\$2,500	Solo to Swell 16
\$2,500	Swell to Pedal 8	\$2,500	Solo to Swell 8
\$2,500	Swell to Pedal 4	\$2,500	Solo to Swell 4
\$2,500	Solo to Pedal 8		
\$2,500	Solo to Pedal 4	\$2,500	Swell to Solo 16
		\$2,500	Swell to Solo 8
\$2,500	Swell to Great 16	\$2,500	Swell to Solo 4
\$2,500	Swell to Great 8		
\$2,500	Swell to Great 4		
\$2,500	Solo to Great 16	<i>Reusing</i>	Zimbelstern
\$2,500	Solo to Great 8		
\$2,500	Solo to Great 4		

Details of Construction

- Three-manual fixed console at front of church
- Manual keyboards have bone naturals and ebony sharps
- Pedalboard has hard maple naturals and rosewood sharps
- Drawknobs placed in horizontal terraces; inter-manual coupler tablets above manuals
- Music rack and pedalboard lights
- Crank-type adjustable bench
- Electric key action
- Electric stop action with 300-level combination action
 - 1-12 General thumb pistons, duplicated by toe pistons
 - 1-8 Great divisional thumb pistons
 - 1-8 Swell divisional thumb pistons
 - 1-8 Solo divisional thumb pistons
 - 1-4 Pedal divisional toe pistons
 - Full Organ reversible thumb & toe piston
 - Set and Scope thumb pistons
 - General Cancel thumb piston
 - Great to Pedal reversible thumb & toe piston
 - Swell to Pedal reversible thumb & toe piston
 - Solo to Pedal reversible thumb & toe piston
- Bone-colored thumb pistons with black engraving
- Toe pistons of polished brass with inset black rubber surfaces
- Double-thickness swell boxes with tightly fitted shades
- Balanced rosewood swell shoes with brass toe plate
- Walkboards and ladders provided for ease of tuning and maintenance
- Quiet-running blower in silencing enclosure with adjacent static reservoir

28 Registers • 53 Stops • 30 Ranks • 1,861 Pipes

Dobson Pipe Organ Builders, Ltd.

Lake City, Iowa USA

14 March 2023

Pipe by Pipe

Preparing the Design

Preparing the design included architectural and engineering costs, and costs associated with visiting organs installed by the builders under consideration. \$10,000-15,000

Preparing the Organ Balcony

The organ balcony will be redesigned to bear more weight of new pipes and a case and the damaged organ pipes will be removed. Additional work with the wall and ceiling will be needed for the pipe and mechanical works of the organ. \$200,000-250,000

Renovating Heating, Ventilation & Air Conditioning

The air handler will need to be moved to safeguard the new instrument. One option is to use our current system, but rearrange it. Another option we are discerning is a split system that will eliminate duct work and potentially allow us to get all HVAC equipment above the flood plane. \$250,000-350,000

New Instrument

Dobson Organ Builders will build us a 29 rank organ, including pipes, windchests, console, casework, installation, voicing, and warranty. \$1,650,000-1,850,000.

Contingency

With any project, it's prudent to include a reserve for contingencies. Any monies in excess of actual expenses will be applied to the Case-Frank Organ Fund, which is dedicated for the maintenance of our organ. \$100,000.

Diocesan Tithe

Ten percent of the total funds raised for capital projects are due to the diocese, and are to be spent on their capital needs. We are working with the Diocese to adjust the assessment to renovations only and not the cost of the new instrument, which replaces the one destroyed by the Hurricane. \$60,000-70,000

Goal \$2,635,000+

\$2,635,000+

\$2,000,000

\$1,500,000

\$1,000,000

\$500,000

\$250,000

PSALM 150 Laudate Dominum

¹ Hallelujah!

*Praise God in his holy temple; **

praise him in the firmament of his power.

*² Praise him for his mighty acts; **

praise him for his excellent greatness.

*³ Praise him with the blast of the ram's-horn; **

praise him with lyre and harp.

*⁴ Praise him with timbrel and dance; **

praise him with strings and pipe.

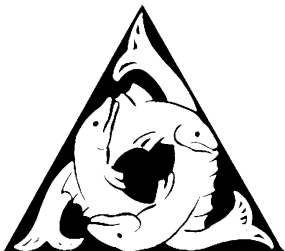
*⁵ Praise him with resounding cymbals; **

praise him with loud-clanging cymbals.

*⁶ Let everything that has breath **

praise the Lord.

Hallelujah!



Trinity-by-the-Cove Episcopal Church
553 Galleon Drive
Naples, FL 34102
www.trinitybythecove.com
February 2023