

**EXHIBIT A - SPECIFICATIONS**

New Digital Organ  
St. Barnabas Episcopal Church  
2800 Duncan Road  
Wilmington, Delaware 19808  
February 10, 2020

Cornel Zimmer Organbuilders  
P.O. Box 2309  
731 Crosspoint Drive  
Denver, NC 28037  
(704) 483-4560  
[www.zimmerorgans.com](http://www.zimmerorgans.com)

			<i>digital</i>	
			<i>pipes</i>	<i>notes</i>
<b>GREAT</b>	1. Violone	16		73
<i>Expressive</i>	2. Diapason	8		73
<i>Manual I</i>	3. Gedeckt	8		73
	4. Harmonic Flute	8		73
	5. Octave	4		73
	6. Harmonic Flute	4		12 extension of Harmonic Flute 8
	7. Twelfth	2 2/3		61
	8. Super Octave	2		61
	9. Tierce	1 3/5		61
	10. Mixture III	1 1/3		61
	11. Trumpet	8		73
	12. Clarinet	8		73
	13. Chimes (Sw)			from Swell
	14. Zimbelstern			110
	15. Tremulant			
	16. Great to Great	16		
	17. Great Unison Off			
	18. Great to Great	4		
	18 drawknobs			
	13 digital voices			
	4 audio channels			

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			<i>digital</i>	
			<i>pipes</i>	<i>notes</i>
<b>SWELL</b>	1. Bourdon	16		73
<i>Expressive</i>	2. English Diapason	8		73
<i>Manual II</i>	3. Rohrflute	8		73
	4. Viola	8		73
	5. Voix Celeste	8		73
	6. Flute Celeste II	8		122
	7. Principal 4	4		73
	8. Koppelflute	4		73
	9. Flautino	2		61
	10. Larigot	1 1/3		61
	11. Mixture IV	2		122
	12. Waldhorn	16		73
	13. French Trumpet	8		73
	14. French Horn	8		73
	15. Cornopean	8		73
	16. Oboe	8		73
	17. Clarion	4		12 ext. French Trumpet
	18. Chimes			32
	19. Tremulant			
	20. Swell to Swell	16		
	21. Swell Unison Off			
	22. Swell to Swell	4		
	22 drawknobs			
	19 digital voices			
	4 audio channels			

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			<i>digital</i>	
			<i>pipes</i>	<i>notes</i>
<b>PEDAL</b>	1. Contra Violone (Gt)	32'	12	extension of Great Violone 16'
<i>Unenclosed</i>	2. Contra Bourdon	32'	32	
	3. Principal	16'	32	
	4. Bourdon	16'	12	
	5. Lieblich Gedackt (Sw)	16'		from Swell
	6. Violone (Gt)	16'		from Great
	7. Octave	8'	32	
	8. Gedackt	8'	12	extension of Pedal Bourdon 16'
	9. Choral Bass	4'	12	extension of Pedal Octave 8'
	10. Harmonic Flute (Gt)	4'		from Great
	11. Contra Bassoon (Sw)	32'	32	expressive with swell
	12. Double Trumpet (Gt)	16'	12	extension of Great Trumpet 8'
	13. Waldhorn (Sw)	16'		from Swell
	14. Basson (Sw)	16'	12	ext. Contra Bassoon 16
	15. Trumpet (Gt)	8'		from Great
	16. French Horn (Sw)	4'		from Swell
	16 drawknobs			
	4 digital voices			
	audio channels w/Great			

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**COUPLERS**

- |                   |     |
|-------------------|-----|
| 1. Great to Pedal | 8'  |
| 2. Great to Pedal | 4'  |
| 3. Swell to Pedal | 8'  |
| 4. Swell to Pedal | 4'  |
| 5. Swell to Great | 16' |
| 6. Swell to Great | 8'  |
| 7. Swell to Great | 4'  |
| Tilting Tablets:  | 7   |

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		<i>Th</i>	<i>Toe</i>	<i>Div</i>
		<i>Pis</i>	<i>Pis</i>	<i>Lab led</i>
<b>COMBINATION ACTION</b>	Multiple Level Capture Combination Action			
	Memory Level Up	1		
	Memory Level Down	1		
	General Combinations	8	8	
	Local Pistons for Great	6		
	Local Pistons for Swell	6		
	Local Pistons for Pedal		6	
	Next - Piston Sequencer	2	2	
	Previous - Piston Sequencer	2	1	
	General Cancel	1		
	Set	1		
	<b>TOTALS:</b>	<b>28</b>	<b>17</b>	<b>0 0</b>

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				<i>Th</i>	<i>Toe</i>			
				<i>Pis</i>	<i>Pis</i>	<i>led</i>		
<b>REVERSIBLES</b>	Great to Pedal	8'	removes 4'	1	1			
	Swell to Pedal	8'	removes 4'	1	1			
	Swell to Great	8'	removes 16' & 4'	1	1			
	Zimbelstern			1	1			
	Tutti - programmable for each Memory Bank			1	1	1		
	Crescendo II			1		1		
	Great/ Crescendo							
	MIDI on Manual I	A		1		1		
	MIDI on Manual I	B		1		1		
	MIDI on Manual II	A		1		1		
MIDI on Manual II	B		1		1			
MIDI on Pedal	A		1		1			
MIDI on Pedal	B		1		1			
<b>TOTALS:</b>				<b>12</b>	<b>5</b>	<b>8</b>		

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## FEATURES

Custom designed and built console  
    Built-in castors for mobility  
    Quarter-sawn white oak exterior  
    Walnut interior  
Drawknobs for stop controls (Syndyne)  
Tilt tabs for coupler controls (OSI)  
2 manual keyboards (OSI)  
    Satin naturals with Rosewood sharps  
    Velocity key contact system (Walker)  
Thumb pistons (OSI)  
    EMS style  
32 note pedalboard  
    Maple naturals with Rosewood sharps  
Toe Pistons by OSI  
Crescendo - programmable for each memory bank  
Crescendo II - programmable for each memory bank  
    lighted piston - reversible  
Expression shoes by Walker Technical Co.  
    Balanced Swell Expression Shoe  
    Balanced Great/ Crescendo Pedal  
    Indicator lights for all shoes  
New solid state switching, console control, combination action  
Adjustable lighted music desk  
Pedalboard lighting  
Switch for main organ/blower  
    with indicator light  
Transposer +6/-6  
Adjustable organist's bench  
    designed and finished to match console  
Complete MIDI Implementation:  
    2 Programmable MIDI stops per manual  
    MIDI In/Out/Thru ports  
    Sequencer In/Out ports  
    Auxiliary stereo audio input ports - 1/4" jacks  
    Onboard Sequencer (record/playback)  
    Metronome  
Artificial Reverberation System  
Set of eight (8) antiphonal speakers  
  
Existing church organ will be removed from church  
    when new organ is delivered and installed.  
  
Organ console and bench to be stained and finished  
    to samples approved by church