

St. John's Lutheran Church
Fox Lake, Wisconsin

Proposal for the restoration of the Haase pipe organ

1. Remove the present organ console and transport it to the Moe Pipe Organ Company shop for restoration and upgrades as follows.
 1. Install new stop actions and new engraved stop tabs in the present stop rail to control the new stoplist.
 2. Install a new solid-state electronic combination memory system with the following complement of presets and features.
 1. 4 pistons affecting the Swell stops
 1. Swell divisional cancel
 2. 4 pistons affecting the Great stops
 1. Great divisional cancel
 3. 4 toe studs affecting the Pedal stops
 4. 8 General pistons affecting the entire organ, 5-8 duplicated by toe studs
 5. General cancel
 6. Set piston
 7. Map piston
 8. Great to Pedal reversible piston and toe stud
 9. Sforzando reversible piston and toe stud
 10. 12 levels of memory with rotary selector switch
 3. Install new electrical contacts on the present manual keyboards and pedalboard
 4. Rebuild the present pedal board with new felts and other materials as needed to reduce the amount of noise generated by the keys.
 5. Install a new solid-state electronic coupler system with the following features.
 1. MIDI system including the following
 1. MIDI sustain toe stud
 2. MIDI sequencer for record and playback
 3. MX200 MIDI sound module
 4. Programmable MIDI stops in each division of the organ
 2. 12 position transposer with rotary control
 3. All new internal wiring inside the console.
 6. Remove the present windchests and transport them to the Moe Pipe Organ Company shop for the installation of new electro-mechanical valves to replace the aging electro-pneumatic action and its associated leather. New solid-state circuit boards will be installed inside the windchests along with new wiring to operate the new valves.
 7. Provide a small package of digital voices as outlined in the new stoplist to provide a greater variety of sounds. This includes the necessary speakers and amplifiers installed in the organ chamber to faithfully reproduce the digitally sampled voices. An automatic tuning sensor is included to keep the digital voices in tune with the pipes.
 8. Transport the trumpet pipes to the Moe Pipe Organ Company shop for complete restoration and revoicing. This will even out the sound and speech of these pipes and help them blend better with the overall sound of the organ.

9. Provide vintage treble extensions to several of the existing ranks of pipes to allow the to serve multiple purposes.
2. Deliver everything back to the church and install along with the following.
 1. New electric swell shade motor to operate the present swell shades
 2. Soft wind action for the bottom octave of the 16' Bourdon to allow it to function as two different 16' voices.
 3. New sound deadening blower enclosure with intake and outlet baffles for noise reduction.
 4. New concussion bellows for the Great and Swell main windchests to help stabilize the wind pressure.
 5. New tin tuning slides on the 8' Principal, 4' Octave, and 2' Fifteenth in the great to replace the current rusty slides.
3. Tonal finish the entire organ adjusting each pipe and digital voice to achieve the proper balance and blend. This is limited to what can be reasonably achieved with the present pipes.
4. Tune the entire organ

Completed organ carries a 10 year parts and labor warranty.

New Stoplist
[D] = digital voice

Great Organ

16' Violone [D]		
8' Principal		61 pipes
8' Bourdon		61 pipes
8' Gamba [D]		
4' Octave		61 pipes
4' Flute	(extension of the 8' Bourdon)	12 pipes
2' Fifteenth		61 pipes
III Mixture [D]		
8' Clarinet [D]		
Chimes [D]		
MIDI A		
MIDI B		
Great to Great 4'		
Swell to Great 16'		
Swell to Great 8'		
Swell to Great 4'		
Automatic Pedal		

Swell Organ

16' Lieblich Gedeckt		
8' Violin Diapason [D]		
8' Gedeckt (revoiced Quintadena)		61 pipes

8' Gemshorn	(1-12 [D])	49 pipes
8' Gemshorn Celeste TC [D]		
4' Spitz Octave	(from Gemshorn)	12 pipes
4' Harmonic Flute [D]		
2' Spitzflote		61 pipes
II Sesquialtera [D]		
IV Plein Jeu [D]		
16' Bassoon [D]		
8' Trompette		61 pipes
8' Oboe [D]		
4' Clairon		12 pipes
MIDI A		
MIDI B		
Swell to Swell 16'		
Swell Unison Off		
Swell to Swell 4'		
Tremolo		

Pedal Organ

16' Principal [D]		
16' Subbass		32 pipes
16' Lieblich Gedeckt (1-12 soft wind on Subbass)		
16' Violone (gt)		
8' Octave [D]		
8' Bourdon		12 pipes
4' Choral Bass [D]		
II Mixture (gt)		
16' Posaune [D]		
8' Trompette (sw)		
4' Clarinet (gt)		
MIDI A		
MIDI B		
Great to Pedal 8'		
Swell to Pedal 8'		