

1997

# Specification and Contract of a Pipe Organ Enhancement

3/32

For

*St. Mark's Episcopal Church*

*Houston, Texas*

May 23, 2012

Submitted by

**The Reuter Organ Company**  
Lawrence, Kansas

ASSY

ASSY

TOM W.

FLUE

FINISH

PIPE

CHEST

CASE

CONSOLE

MNL

✓ FILE

8/17/12



# 50,456

(91997)

21836

PURCHASER'S NAME AND ADDRESS

St. Mark's Episcopal Church  
Houston, Texas

CLIMATE	<u>Hot, humid summers; mild winters</u>	ELEVATION	<u>43 feet</u>
CONSOLE: <b>EXISTING</b>			
NUMBER OF MANUALS	<u>Three</u>	PEDAL SHARPS	<u>Existing</u>
MANUAL KEY SURFACES	<u>Existing</u>		
STOP CONTROLS	<u>Draw knobs</u>	COMBINATION ACTION	<u>Matters</u>
CONSOLE CASE- WOOD	<u>Oak</u>	CASE FINISH	<u>Match sample</u>
STYLE	<u>Recessed rect.</u>	INTERIOR FINISH	<u>Special walnut</u>
MUSIC RACK- LIGHT	<u>Yes</u>	SOLID WOOD	<u>No</u>
SAFETY GLASS	<u>Yes</u>	OPEN FRAME	<u>No</u>
MOVABLE TYPE	<u>New movable platform (see Addendum I)</u>		
CABLE COVER	<u>Peterson snake</u>	CABLE EXIT	<u>Center back</u>
<b>NEW</b>			
BENCH- CURVED FRONT	<u>Yes</u>	STRAIGHT FRONT	<u>No</u>
BACK REST	<u>No</u>	BLOCK ADJUSTMENT	<u>No</u>
CRANK ADJUSTMENT	<u>Yes</u>	ELECTRIC ADJUSTMENT	<u>No</u>
BLOWER STARTING SWITCH	<u>Standard pushbutton start/stop</u>		
SHUTTER SURFACE	<u>10% gray</u>		
CASEWORK:			
FINISH	<u>None</u>	CASE WOOD	<u>None</u>
EXPOSED PIPES	<u>None</u>	MITERED PIPES	<u>as needed</u>
BLOWER: MAKE	<u>Existing Zephyr</u>	PHASE	<u>3 ph.</u>
CYCLES	<u>60</u>	STATIC PRESSURE	<u>6"</u>
VOLTAGE	<u>208? 230?</u>	HORSEPOWER	<u>1 1/2</u>
OUTLET LOCATION	<u>Low front</u>		
DC POWER SUPPLIES	<u>Peterson 40, SSOS 30</u>		
ADDITIONAL INFORMATION:	<b>Sanctuary is being extensively renovated. Existing organ is being enlarged and reconfigured to fit new chambers in chancel and rear gallery.</b>		

## GENERAL SPECIFICATIONS

CONSOLE	Existing. Detached, with new curved bench seat with crank for adjustment, safety glass music rack with fluorescent light at base.  The existing console shell will be stripped and refinished to match as close as possible a finish sample provided to the Builder by the Purchaser.
MANUALS - 3	Existing. Compass CC to C4, 61 notes. Simulated tracker touch.
PEDAL	Existing. Compass CCC to G, 32 notes, American Guild of Organists standard measurements, with light.
REGISTRATION	Controlled by new draw knobs. The intra-manual couplers are controlled by knobs placed with their respective groups, and the inter-manual and manual to pedal couplers are controlled by new tilting tablets placed above the top manual.
ACTION	Reuter's electro-pneumatic chest action to match the action of the existing components.
SWITCHING SYSTEM	New - Matters fiber-optic solid state system.
CASEWORK	None.
FACADE	None.
ORGAN CHAMBERS	Suitable, finished chambers to be furnished by the Purchaser.
EXPRESSION ENCLOSURE	Two shutter fronts for the expressive Swell division will be provided by the Builder.
WIND AND POWER	The existing blower will be retained. In the unlikely event that the existing blower proves inadequate for the proper results, an appropriate blower will be installed at extra cost. A new blower will be provided for the Antiphonal division. Action power units of ample capacity with current indicator light in the console, and an on/off switch in the console which activates the blowers and rectifiers will be provided by the Builder.

#50,456  
(1997)

**GENERAL SPECIFICATIONS** (Continued)

PIPEWORK	Except for the reuse of existing pipework specifically indicated, all other pipework will be new, being scaled, constructed, and voiced by the Builder. Any existing pipework to be reused has been inspected and approved for use by the Builder.
EXISTING INSTRUMENT	The Builder will remove the Purchaser's existing instrument and transport it the Builder's shop. Any items not needing to be retained will be disposed of by the Builder in a trash receptacle provided by the Purchaser.
TRANSPORTATION	<p>Transportation of the Purchaser's existing organ to the Builder's shop will be provided by the Builder.</p> <p>Transportation of the completed instrument to the Purchaser's installation site will be provided by the Builder.</p>
TONAL REGULATION	On-site tonal regulation of the organ will be performed by the tonal staff of the Builder. The Builder will notify the Purchaser of the proposed scheduling of this final procedure.
WARRANTY	The Reuter Organ Company warranty (specimen attached) will apply to all new and refurbished portions.

# 50,456  
(1997)

1	16'	Spitzflute	Swell, 1-12 from 16' Rohrflute FROM 16
2	8'	Principal	61 pipes
3	8'	Bourdon	61 new pipes on Spitzflute chest
4	8'	Spitzflute	Swell FROM 18
5	4'	Octave	61 pipes
6	4'	Spillflute	61 pipes
7	2'	Fifteenth	61 new pipes on Flachflute chest
8	IV	Fourniture	244 pipes
9	8'	Clarinet	61 new pipes and chest
10	8'	Oboe	Swell FROM 29
11	8'	<del>FESTIVAL TROMPETTE</del> <del>Trompette en Chamade</del> WP	61 pipes
12		Chimes	
13		Couplers to Great:	
14		Great to Great 16'	
15		Great Unison Off	
		Great to Great 4'	
67		Swell to Great 16'	
68		Swell to Great 8'	
69		Swell to Great 4'	
70		Antiphonal to Great 8'	

Used this spelling  
throughout...

#50,456  
(1997)

Swell Organ 3 1/2" W1

16	16'	Rohrflute	97 pipes
17	8'	Geigen Principal	61 new pipes and chest
18	8'	Spitzflute	73 <del>61</del> existing Great pipes on new chest
19	8'	Rohrflute	extension of 16' FROM 16
20	8'	Viola	61 pipes
21	8'	Voix Celeste (TC)	49 pipes
22	4'	Principal	61 pipes
23	4'	Spitzflute	extension of 8' FROM 18
24	2 2/3'	Nasard	61 pipes
25	2'	Blockflute	extension of 16' (name change only) FROM 16
26	1 3/5'	Tierce	61 pipes
27	IV	Plein Jeu	244 pipes
28	8'	Trompette	73 pipes (name change only)
29	8'	Oboe	61 new pipes and chest
30	4'	Clarion	FROM 28
31		Tremolo	
		Couplers to Swell:	
32		Swell to Swell 16'	
33		Swell Unison Off	
34		Swell to Swell 4'	

#50,456  
(1997)

Antiphonal Organ All pipes and chests are new 2 7/8" WP

35	8'	Prestant	61 pipes	EXISTING PIPES FROM GREAT
36	8'	Gedeckt	61 pipes	
37	8'	(Sw) Spitzflute	FROM 18	
38	4'	Spitz Principal	61 pipes	
39	4'	Flachflute	73 pipes, 1-12 new pipes, 13-73 are existing Great pipes	
40	2'	Flachflute	extension of 4	FROM 39
41	16'	* (Gt) <del>FESTIVAL TRUMPET</del> <del>Trompette en Chamade</del>	FROM 11	
42	8'	* (Gt) <del>FESTIVAL TRUMPET</del> <del>Trompette en Chamade</del>	FROM 11	
43	8'	(Gt) Clarinet	FROM 9	
44		Tremolo		
		Couplers to Antiphonal:		
45		Antiphonal to Antiphonal 4'		
71		Swell to Antiphonal 16'		
72		Swell to Antiphonal 8'		
73		Swell to Antiphonal 4'		

#50,456  
(1991)

# Pedal Organ

46	32'	Resultant	
47	16'	Principal	44 <del>56</del> pipes
48	16'	Subbass	56 pipes
49	16'	(Sw) Rohrflute	FROM 16
50	16'	(Ant) Lieblich Gedeckt 3" WP	EXISTING 12 <del>new</del> pipes and <sup>NEW</sup> chest (located with Antiphonal)
51	8'	Principal	FROM 47
52	8'	(Ant) Prestant	FROM 35
53	8'	Subbass	FROM 48
54	8'	(Sw) Rohrflute	FROM 16
55	8'	(Ant) Gedeckt	FROM 36
56	4'	Choral Bass	32 new pipes and chest 1-12 ON PRINC. CHEST 13-32 NEW CHEST
57	4'	Subbass	FROM 48
58	16'	Contre Trompette	12 pipes, extension of Swell
59	8'	(Sw) Trompette	FROM 28
60	8' *	(Gt) <sup>FESTIVAL TRUMPET</sup> Trompette en Chamade	FROM 11
61	4'	(Gt) Clarinet	FROM 9

## Couplers to Pedal:

62	Great to Pedal 8'
63	Great to Pedal 4'
64	Swell to Pedal 8'
65	Swell to Pedal 4'
66	Antiphonal to Pedal 8'

\* Not affected by couplers

# 50,456  
(1997)



## ADJUSTABLE COMBINATIONS

Pistons adjustable at the keyboard and visibly affecting stop controls, with 126 addressable memory banks.

Six existing thumb pistons affecting the Great stops and intra-manual couplers.

Six existing thumb pistons affecting the Swell stops and intra-manual couplers.

Six existing thumb pistons affecting the Antiphonal stops and intra-manual couplers.

Six existing toe pistons affecting the Pedal stops only.

Ten existing thumb pistons affecting all stops and couplers of the entire organ, duplicated on toe pistons.

General Cancel thumb piston - existing.

Setter thumb piston - existing.

## REVERSIBLES

Great to Pedal, thumb and toe pistons - existing.

Swell to Pedal, thumb and toe pistons - existing.

Antiphonal to Pedal, thumb and toe pistons - existing.

Full Organ, thumb and toe pistons - existing, programmable, multi-level, with indicator light.

## PEDAL MOVEMENTS

Register Crescendo Pedal - existing, programmable, multi-level, with indicator light and numeric display.

Balanced Shutter Pedal, Swell Organ - existing.

# 50,456  
(1991)

## ACCESSORIES

LCD Display Panel

Memory Up/Down thumb pistons - new

Transposer Up/Down thumb pistons - new

Pedal to Great, thumb piston- new

Indicator, thumb piston - new

MIDI "In" port

MIDI "Out" port

MIDI "Thru" port

# 50,456

(1997)

ADDENDUM I

ADDENDUM to the Agreement dated May 31, 2012, by and between The Reuter Organ Company, Lawrence, Kansas, the Builder, and St. Mark's Episcopal Church, Houston, Texas, the Purchaser.

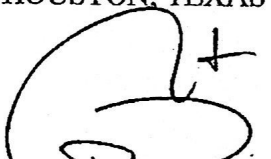
It is mutually agreed by both parties hereto that the following addition shall be made in the refurbishment agreement as referred to above.

Provide a new moveable console platform with hidden wheels in the base so the existing console can be movable in the chancel area.

All other terms and provisions of the said Agreement shall remain unchanged.

ST MARK'S EPISCOPAL CHURCH  
HOUSTON, TEXAS

THE REUTER ORGAN COMPANY  
LAWRENCE, KANSAS

BY:  Peter Miller

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DATE: 5-31-12

#50,456  
(1997)