

Pipe Organ Task Force



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Sanctuary Renovation

Architect

Booziotis & Company Architects

General Contractor

The Beck Group

Acoustical Consultants

Pelton Marsh Kinsella (PMK), Dallas
Ron Meyer

Casavant Frères Opus 3828

Specifications

FIRST UNITED METHODIST CHURCH

DALLAS, TEXAS

			<u>Feet</u>	<u>Pipes</u>
GREAT ORGAN (II)				
1.	Double Open Diapason	(Extension of No. 3)	16	12
2.	First Open Diapason	(70% tin)	8	61
3.	Second Open Diapason	(70% tin)	8	61
4.	Chimney Flute	(22% tin, nos. 1-12 stopped wood)	8	61
5.	Octave	(70% tin)	4	61
6.	Open Flute	(50% tin)	4	61
7.	Twelfth	(70% tin)	2-2/3	61
8.	Fifteenth	(70% tin)	2	61
9.	Seventeenth	(70% tin)	1-3/5	61
10.	Mixture IV-V	(70% tin)	1-1/3	269
11.	Sharp Mixture III	(70% tin)	1/2	183
12.	Double Trumpet	(Full length extension of No. 13)	16	12
13.	Trumpet		8	61
	Tremulant			
	Great Unison Off			
	Chimes (Solo Organ)			
14.	Tuba Magna	(Solo Organ)	16	--
15.	Tuba Mirabilis	(Solo Organ)	8	--
16.	Tuba Clarion	(Solo Organ)	4	--
	MIDI			
SWELL ORGAN (III)				
17.	Contra Gamba	(Extension of No. 21)	16	12
18.	Contra Gamba Celeste	(TC, from No. 22)	16	--
19.	Diapason	(50% tin)	8	61
20.	Major Flute	(22% tin, nos. 1-12 stopped wood)	8	61
21.	Viola da Gamba	(50% tin)	8	61
22.	Vox Coelestis	(50% tin, CC)	8	61
23.	Octave	(50% tin)	4	61
24.	Harmonic Flute	(50% tin)	4	61
25.	Violina	(50% tin, extension of No. 21)	4	12
26.	Violina Celeste	(50% tin, extension of No. 22)	4	12
27.	Octavin	(50% tin)	2	61
28.	Plein Jeu III	(50% tin)	2	183
29.	Fourniture V	(50% tin)	2	305
30.	Bassoon	(Full length resonators)	16	61
31.	Harmonic Trumpet		8	61
32.	Oboe		8	61
33.	Vox Humana	(50% tin)	8	61
34.	Harmonic Clarion	(50% tin)	4	61
	Tremulant			
	Swell 16'			
	Swell Unison Off			
	Swell 4'			
35.	Tuba Mirabilis	(Solo Organ)	8	--
	MIDI			

CHOIR ORGAN (I)

			<u>Feet</u>	<u>Pipes</u>
36.	Lieblich Gedeckt	(Stopped wood extension of No. 38)	16	12
37.	Salicional	(50% tin)	8	61
38.	Stopped Diapason	(Stopped wood)	8	61
39.	Flauto Dolce	(50% tin, nos. 1-12 stopped)	8	61
40.	Flauto Celeste	(50% tin, TC)	8	49
41.	Principal	(50% tin)	4	61
42.	Spindle Flute	(50% tin)	4	61
43.	Nazard	(50% tin)	2-2/3	61
44.	Super Octave	(50% tin)	2	61
45.	Recorder	(50% tin)	2	61
46.	Tierce	(50% tin)	1-3/5	61
47.	Larigot	(50% tin)	1-1/3	61
48.	Mixture IV	(50% tin)	1-1/3	244
49.	Bass Crumhorn	(Extension of No. 51)	16	12
50.	Cornopean		8	61
51.	Crumhorn	(50% tin)	8	61
	Tremulant			
	Cymbelstern			
	Choir 16'			
	Choir Unison Off			
	Choir 4'			
52.	Tuba Magna	(Solo Organ)	16	--
53.	Tuba Mirabilis	(Solo Organ)	8	--
54.	Tuba Clarion	(Solo Organ)	4	--
	Harp	(Digital)		
	Celesta	(Digital)		
	MIDI			

SOLO ORGAN (IV)

**	55.	Diapason	(Slotted)	8	--
**	56.	Harmonic Flute	(Notes 1-12 stopped)	8	--
**	57.	Voce umana	(GG, slotted)	8	--
**	58.	Vox Angelica II		8	--
**	59.	Octave	(50% tin)	4	--
**	60.	Clarinet	(50% tin)	8	--
**	61.	English Horn	(50% tin, TC)	8	--
**	62.	Crumhorn	(Choir Organ)	8	--
**		Tremulant			
	63.	French Horn	(With separate reservoir)	8	61
		Solo 16'			
		Solo Unison Off			
		Solo 4'			
	64.	Tuba Magna	(From No. 65, TC)	16	--
	65.	Tuba Mirabilis	(High pressure with separate reservoir and blower)	8	61
	66.	Tuba Clarion	(Extension of No. 65)	4	12
	67.	Contra Gamba	(Swell Organ)	16	--
	68.	Contra Gamba Celeste	(Swell Organ, TC)	16	--
	69.	Viola da Gamba	(Swell Organ)	8	--
	70.	Vox Coelestis	(Swell Organ)	8	--
	71.	Violina	(Swell Organ)	4	--
	72.	Violina Celeste	(Swell Organ)	4	--
		Chimes	(Digital)		
**		Carillon	(Digital)		
		MIDI			

** Stops marked thus are prepared for future addition.

CHAMADE ORGAN (Floating)

			<u>Feet</u>	<u>Pipes</u>
73.	Festival Trumpet	(From Nos. 74 and 94)	16	--
74.	Festival Trumpet	(Polished copper horizontal resonators with flared bells)	8	61
75.	Festival Trumpet	(Extension of No. 74)	4	12

PEDAL ORGAN

76.	Contrabass	(Digital)	32	--
77.	Sub Bass	(Digital)	32	--
78.	Open Flute	(Open wood, existing Pilcher pipes, revoiced)	16	32
79.	Contrabass	(Extension of No. 84)	16	12
80.	Double Open Diapason	(Great Organ)	16	--
81.	Contra Gamba	(Swell Organ)	16	--
82.	Sub Bass	(Nos. 1-24 stopped wood, 22% tin)	16	32
83.	Lieblich Gedeckt	(Choir Organ)	16	--
84.	Octave Bass	(70% tin)	8	32
85.	Second Open Diapason	(Great Organ)	8	--
86.	Bourdon	(Extension of No. 82)	8	12
87.	Stopped Diapason	(Choir Organ)	8	--
88.	Super Octave	(50% tin)	4	32
89.	Open Flute	(Great Organ)	4	--
90.	Stopped Diapason	(Choir Organ)	4	--
91.	Théorbe III	(10-2/3' from No. 82, 6-2/5' - 4-4/7' from No. 3)	10-2/3	--
92.	Mixture IV	(50% tin)	2-2/3	128
93.	Ophicleide	(Digital)	32	--
94.	Trombone	(50% tin from C2, full length resonators)	16	32
95.	Double Trumpet	(Great Organ)	16	--
96.	Bassoon	(Swell Organ)	16	--
97.	Bass Crumhorn	(Choir Organ)	16	--
98.	Trombone	(50 % tin, extension of No. 94)	8	12
99.	Trumpet	(Great Organ)	8	--
100.	Tuba Mirabilis	(Solo Organ)	8	--
101.	Bassoon	(Swell Organ)	8	--
102.	Clarion	(50% tin, extension of No. 98)	4	12
103.	Tuba Clarion	(Solo Organ)	4	--
104.	Basson	(Swell Organ)	4	--
105.	Crumhorn	(Choir Organ)	4	--
	Chimes	(Solo Organ)		
	MIDI			

ANALYSIS

	<u>Stops</u>	<u>Ranks</u>	<u>Pipes</u>
Great Organ	11	17	1,025
Swell Organ	14	20	1,256
Choir Organ	14	17	1,049
Solo Organ	2	2	134
Chamade Organ	1	1	73
Pedal Organ	<u>6</u>	<u>9</u>	<u>336</u>
TOTAL	48	66	3,873

Prepared Stops

Solo Organ	7	8	457
Pedal Organ	<u>0</u>	<u>0</u>	<u>12</u>
TOTAL	55	74	4,342

Description of Divisions

Casavant Frères Opus 3828

The new pipe organ at First United Methodist Church has sixty-six ranks of pipes spread over six divisions. (A rank of pipes is composed of one pipe for each key on the keyboard or pedal board all of which produce the same type or color of sound, e.g. a flute or oboe, etc.) The organ has a total of 3,873 pipes. Preparations have been made for eight additional ranks of pipes to be added to the Solo division in the future. The console of Opus 3828 has four manuals (keyboards) with a compass of 61 notes each and a pedal keyboard of 32 notes. Each of the five keyboards corresponds with and is dedicated to playing the pipes found in five of six divisions mentioned above. These divisions are the Great, Swell, Choir, Solo and Pedal.

Great: This is the main division of the organ. It contains the primary "organ sounding" stops of the instrument and is used for hymn singing, forte accompaniments and solo organ repertoire. The pipes of this division are placed in the top center chamber of the organ and are played by the second keyboard from the bottom.

Swell: The next keyboard up (or second from the top) plays the pipes of the Swell division. The swell gets its name from the fact that all the pipes of this division are contained in a box with "swell shades" much like large plantation shutters that are opened and closed by means of a pedal at the console, allowing the organist to manipulate the volume of the pipes for musical expression. The Swell division of Opus 3828 is placed in a two-story chamber on the congregation's left side of the organ with softer stops on the bottom and louder stops on top. This division contains quite a variety of stops from the strings and celestes to the chorus reeds that are used to add brilliance and fire to a full organ registration. It also contains the Oboe used for solo passages as well as the Vox Humana, an unusual reed stop found frequently in solo organ repertoire by French composers of the Romantic period.

Choir: The pipes of the Choir division are played from the bottom keyboard. This division, which is also under expression with movable shutters like the Swell, is historically intended to accompany the singing of the choir. The Choir division is located on the congregation's right hand side of the organ chamber just above the wood paneling opposite the lower level of the Swell. This division contains a variety of medium loud to very soft stops that are mostly flute like in tone color and somewhat transparent. However, this division also contains a rather large solo reed stop, the Cornopean, that is something akin to a mellow trumpet and the Crumhorn which is used frequently in solo organ repertoire from the French Baroque and sounds something like an ancient clarinet.

Solo: The top keyboard of the organ console controls the stops of the Solo division. This division is also under expression like the Swell and Choir and is placed in a chamber on top of the Choir division, opposite the upper level of the Swell. This division traditionally contains very distinctive solo stops from flutes to strings to imitative reed sounds like the clarinet or English horn. The solo division of Opus 3828 presently contains only two stops: a French horn and an English tuba, both very distinctive stops that are voiced on a higher wind pressure than the pipes of the other divisions. This higher pressure gives them their commanding volume and presence in the room. An additional seven stops are prepared for and already have labeled draw knobs in the console. These prepared stops include an Harmonic Flute, English Horn, Clarinet and Vox Anglica which will be one of the softest and most ethereal stops on the organ.

Pedal: The Pedal division contains some of the lowest sounding pipes in the organ and is used most frequently to play the bass line. This division contains six stops of its own, but many more stops from the other divisions are also playable from the pedal keyboard making it very versatile. The pedal division also contains three digitally produced thirty-two-foot stops (the lowest pitches played by the organ). The digital production of these sounds works quite successfully given the fact that these are stops that are more felt than heard.

Chamade: The sixth division is the Chamade division, which contains the Festival Trumpet. These are the very strong reed pipes with the distinctive horizontal copper resonators visible in the façade. The Chamade division is considered a "floating" division that is playable from any of the five keyboards. It is used for fanfares to announce the arrival of "the bride" or for any festive occasion that calls for a sense of drama.

Calendar of Events

First United Methodist Church of Dallas, Texas
presents
A Series of Dedicatory Concerts Celebrating the Installation
of

Casavant Frères Opus 3828

Organ Dedication Service

Featuring the FUMC Chancel Choir - Dana Effler, Conductor;
Tim Effler, Organist; Dr. John F. Fiedler, Senior Minister
Anthems by Parry, Mathias and Walton
Sunday, November 23, 2003 at the 11:00 a.m. Worship Service

Dedicatory Recital I

Featuring Peter Richard Conte, Grand Court Organist of the world-famous
Wanamaker Organ in The Lord & Taylor Department Store, Philadelphia, PA
Sunday, November 30, 2003 at 7:00 p.m.

Gloria by John Rutter

Featuring the FUMC Chancel Choir, Brass Ensemble & Percussion - Dana Effler, Conductor
Sunday, December 21, 2003 at the 11:00 a.m. Worship Service

Dedicatory Recital II

Featuring Tim Effler, Organist and Associate Director of Music at
First United Methodist Church, Dallas, Texas
Sunday, February 1, 2004 at 7:00 p.m.

Messe Solenne by Louis Vierne

Featuring the FUMC Chancel Choir - Dana Effler, Conductor; Tim Effler, Organist
Sunday, March 28, 2004 at the 11:00 a.m. Worship Service

Dedicatory Recital III

Featuring Dr. Timothy Smith, Organist and Director of Music at
The Riverside Church in the City of New York
Sunday, May 2, 2004 at 7:00 p.m.