

HOUSTON, TEXAS

MEMORIAL DRIVE PRESBYTERIAN CHURCH

Three Manuals ~ 107 ranks

NEW CHANCEL ORGAN – 60 RANKS

EXISTING GALLERY ORGAN – 47 RANKS

3-Manual Drawknob [Musicom]

#2216

#	Pitch	Stop Name	Zincs	Scale	#
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Pipes

Note: This project includes the construction of a new Chancel Organ and the retention of the existing Casavant Gallery organ. A new three-manual drawknob console in the chancel controls both instruments, while the existing gallery console remains unaltered – with the exception of blind general pistons. In addition, the gallery organ reed stops are being replaced.

GREAT ORGAN

[Exposed]

4" Wind Pressure

1.	16'	Sub Principal			73 pipes
2.	8'	Diapason			61 pipes
3.	8'	Principal			# 1
4.	8'	Rohrflöte			61 pipes
5.	8'	Harmonic Flute		Pipes 1-12 from #4	49 pipes
6.	4'	Octave			61 pipes
7.	4'	Spire Flute			61 pipes
8.	2-2/3'	Twelfth			61 pipes
9.	2'	Fifteenth			61 pipes
10.	1-1/3'	Mixture IV	TIN		244 pipes
		19 15 12 8 1			
		22 19 15 12 8			
		26 22 19 15 12			
		<u>29 26 22 19 15</u>			
		17 11 14 7 12			
11.	2/3'	Cymbale III	TIN		183 pipes
		26 22 19 15 12 8 1			
		29 26 22 19 15 12 8			
		<u>33 29 26 22 19 15 12</u>			
		12 12 12 6 6 5 8			
12.	8'	Cornet V			<i>preparation</i>
13.	16'	Contra Trumpet			73 pipes

Note: This stop on 6" Wind Pressure

#	Pitch	Stop Name	Zincs	Scale	# Pipes
(Great Organ Continued)					
14.	8'	Trumpet			# 13
15.		Tremulant			
16.	8'	Tuba Major	[CHOIR]	NOT AFFECTED BY COUPLERS	# 55
17.		Chimes			21 bells
18.		MIDI			

SWELL ORGAN
[Enclosed and Expressive]

4-1/2" Wind Pressure

19.	16'	Lieblich Bourdon			73 pipes
20.	8'	Diapason			61 pipes
21.	8'	Salicional			61 pipes
22.	8'	Voix Celeste [GG]			54 pipes
23.	8'	Bourdon			# 19
24.	4'	Principal			61 pipes
25.	4'	Traverse Flute			61 pipes
26.	2-2/3'	Nasard			61 pipes
27.	2'	Block Flute			61 pipes
28.	1-3/5'	Tierce			61 pipes
29.	2'	Plein Jeu IV			244 pipes
		15 12 8 5 1			
		19 15 12 8 5			
		22 19 15 12 8			
		<u>26 22 19 15 12</u>			
		17 11 14 7 12			
30.	16'	Double Trumpet			73 pipes
31.	8'	Harmonic Trumpet			# 30
32.	8'	Oboe			61 pipes
33.	4'	Clarion			61 pipes
34.		Tremulant			
35.	8'	Vox Humana	[in "Vox box"]		61 pipes
36.		Vox Tremulant			
37.		MIDI			

#	Pitch	Stop Name	Zincs	Scale	# Pipes
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CHOIR ORGAN

[Exposed]

3-1/2" Wind Pressure

38.	8'	Principal	TIN	61 pipes
39.	4'	Octave	TIN	61 pipes
40.	2'	Super Octave	TIN	61 pipes
41.	1'	Sharp Mixture IV	TIN	244 pipes
		22 19 15 12 8 1		
		26 22 19 15 12 8		
		29 26 22 19 15 12		
		<u>33 29 26 22 19 15</u>		
		9 9 10 10 11 12		

[Enclosed and Expressive]

4" Wind Pressure

42.	8'	Holzgedeckt		61 pipes
43.	8'	Gambe	[slot length @ 4']	61 pipes
44.	8'	Gambe Celeste [GG]		54 pipes
			[slot length @ 4']	
45.	4'	Spillflöte		61 pipes
46.	2'	Octavin	[harmonic 13-49]	61 pipes
47.	1-1/3'	Larigot		61 pipes
48.	1'	Fife	TIN	61 pipes
			[harmonic 1-37; top octave repeats]	
49.	16'	Bass Clarinet		73 pipes
50.	8'	Clarinet		# 49
51.	8'	Trumpet		61 pipes
52.		Zimbelstern		5 bells
53.		Tremulant		
54.	16'	Tuba Magna [TC]		# 55
55.	8'	Tuba Major		73 pipes

Note: This stop on 18" Wind Pressure; NOT AFFECTED by couplers

56.	4'	Tuba Clarion		# 55
57.		MIDI		

#	Pitch	Stop Name	Zincs	Scale	# Pipes
PEDAL ORGAN					
[* Exposed and Unenclosed]					
					4" Wind Pressure
58.	32'	Contra Geigen		Digital	32 notes
59.	32'	Contra Bourdon		Digital	32 notes
60.	* 16'	Open Diapason			32 pipes
Note: 1-12 on 6" Wind Pressure					
61.	16'	Sub Principal	[GREAT]		# 1
62.	16'	Bourdon			56 pipes
Note: 1-18 on 6" Wind Pressure					
63.	16'	Lieblich Bourdon	[SWELL]		# 19
64.	* 8'	Octave			32 pipes
65.	8'	Principal	[GREAT]		# 1
66.	8'	Bourdon			# 62
67.	8'	Lieblich Gedeckt	[SWELL]		# 19
68.	* 4'	Fifteenth			32 pipes
69.	4'	Open Flute			# 62
70.	2-2/3'	Mixture IV	[12-15-19-22]		128 pipes
71.	32'	Ophicleide		Digital	32 notes
72.	16'	Trombone		Wooden Resonators	32 pipes
Note: This stop on 12" Wind Pressure					
73.	16'	Contra Trumpet	[GREAT]		# 13
74.	16'	Double Trumpet	[SWELL]		# 30
75.	16'	Bass Clarinet	[CHOIR]		# 49
76.	8'	Tromba			44 pipes
77.	8'	Trumpet	[GREAT]		# 13
78.	4'	Clarion			# 76
79.	8'	Tuba Major	[CHOIR]		# 55
80.		MIDI			

#	Pitch	Stop Name	Zincs	Scale	# Pipes
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EXISTING CASAVANT GALLERY ORGAN
 [Opus 3138, 1972]
[Existing Pipework & Windchests unless noted]

GALLERY GREAT ORGAN
 [Exposed]

2-1/2" Wind Pressure

81.	8'	Prinzival			61 pipes
82.	8'	Rohrflöte			61 pipes
83.	4'	Oktav			61 pipes
84.	4'	Waldflöte			61 pipes
85.	2'	Oktav			61 pipes
86.	1-1/3'	Mixtur IV			244 pipes
87.	8'	Trompete		NEW PIPEWORK	61 pipes
88.		GALLERY GREAT OFF MANUAL II			
89.		GALLERY GREAT ON MANUAL I			
90.		MIDI			

GALLERY SWELL ORGAN
 [Enclosed and Expressive]

2-1/2" Wind Pressure

91.	8'	Salizional			61 pipes
92.	8'	Vox Cœlestis [TC]			49 pipes
93.	8'	Bordun			61 pipes
94.	4'	Spitzprincipal			61 pipes
95.	4'	Nachthorn			61 pipes
96.	2'	Hohlflöte			61 pipes
97.	2/3'	Scharf IV			244 pipes
98.	16'	Fagott		NEW PIPEWORK	61 pipes
99.	8'	Oboe		NEW PIPEWORK	61 pipes
100.		Tremulant			
101.		GALLERY SWELL OFF MANUAL III			
102.		GALLERY SWELL ON MANUAL I			
103.		GALLERY SWELL ON MANUAL II			
104.		MIDI			

#	Pitch	Stop Name	Zincs	Scale	# Pipes
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GALLERY CHOIR ORGAN

[Enclosed and Expressive]

2-1/2" Wind Pressure

105.	8'	Gedackt			61 pipes
106.	8'	Erzähler			61 pipes
107.	8'	Schwebung [TC]			49 pipes
108.	4'	Koppelflöte			61 pipes
109.	2'	Weit Prinzipal			61 pipes
110.	1-1/3'	Quinteflöte			61 pipes
111.	1'	Sifflöte			61 pipes
112.	2-2/3'	Sesquialtera II			122 pipes
113.	1/3'	Zimbel III			183 pipes
114.	8'	Krummhorn		NEW PIPEWORK	61 pipes
115.		Tremulant			
116.		GALLERY CHOIR OFF MANUAL I			
117.		GALLERY CHOIR ON MANUAL II			
118.		GALLERY CHOIR ON MANUAL III			
119.		MIDI			

GALLERY PEDAL ORGAN

[Unenclosed]

2-1/2" Wind Pressure

120.	16'	Prinzipal			32 pipes
121.	16'	Subbass			32 pipes
122.	8'	Oktav			32 pipes
123.	8'	Gedackt Pommer			32 pipes
124.	4'	Choralbass			32 pipes
125.	2'	Mixtur IV			128 pipes
126.	16'	Posaune		NEW PIPEWORK	32 pipes
127.	8'	Trompete		NEW PIPEWORK	32 pipes
128.	4'	Schalmei		NEW PIPEWORK	32 pipes
129.		MIDI			

CHANCEL CONSOLE FEATURES

COUPLERS

Great	16	4	Unison Off
Gallery Great	16	4	Unison Off
Swell	16	4	Unison Off
Gallery Swell	16	4	Unison Off
Choir	16	4	Unison Off
Gallery Choir	16	4	Unison Off
Swell to Great	16	8	4
Choir to Great	16	8	4
Great to Choir		8	
Swell to Choir	16	8	4
Great to Pedal		8	4
Swell to Pedal		8	4
Choir to Pedal		8	4

MISCELLANEOUS

Moveable drawknob console
 25' of cable
 Two equipment drawers
 Adjustable Bench [Westwood]
 Clock

Engraved music rack
 Wooden drawknobs, pistons, etc.
 Bone/Rosewood Keyboards

All Swells to Swell [RT]
 Great/Choir Transfer [RT]
 Four programmable Crescendo settings
 Two programmable Full Organ settings

MIDI Resource Center [w/ jacks]
 Sequencer

EXPRESSION PEDALS

Swell Expression Pedal
 [Keycheek Control – Chancel-Gallery-Both]

Choir Expression Pedal
 [Keycheek Control – Chancel-Gallery-Both]

Crescendo Pedal

REVERSIBLE PISTONS

Swell to Great [thumb]
 Choir to Great [thumb]
 Great to Pedal [thumb and toe]
 Swell to Pedal [thumb and toe]
 Choir to Pedal [thumb and toe]

Full Organ I & II [thumb and toe]

Zimbelstern [toe]

COMBINATION SYSTEM

Musicom [99 levels of memory] [digital display]
 Great stops/couplers [thumb] 6
 Swell stops/couplers [thumb] 6
 Choir stops/couplers [thumb] 6
 Pedal stops [toe] 6
 General pistons [thumb/toe] 10
 Cancel [thumb]
 Setter [thumb]

ACCESSORIES

Lights for:
 Music Rack
 Pedal Keyboard

Indicator Lights:
 Wind
 Crescendo
 Full Organ I & II

MEMORIAL DRIVE PRESBYTERIAN CHURCH
11612 MEMORIAL DRIVE
HOUSTON, TX 77024
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EXISTING GALLERY CONSOLE FEATURES

COUPLERS

Great	4	
Swell	4	
Choir	16	
Swell to Great	8	
Choir to Great	8	
Swell to Choir	8	
Great to Pedal	8	
Swell to Pedal	8	
Choir to Pedal	8	

EXPRESSION PEDALS

Swell Expression Pedal
 Choir Expression Pedal
 Crescendo Pedal

REVERSIBLE PISTONS

Swell to Great		[thumb]
Choir to Great		[thumb]
Great to Pedal		[thumb and toe]
Swell to Pedal		[thumb and toe]
Choir to Pedal		[thumb and toe]
Full Organ		[thumb and toe]
Zimbelstern		[toe]

COMBINATION SYSTEM

Great stops/couplers	[thumb]	6
Swell stops/couplers	[thumb]	6
Choir stops/couplers	[thumb]	6
Pedal stops	[toe]	6
General pistons	[thumb/toe]	6
Cancel	[thumb]	
Setter	[thumb]	
Blind Chancel		
General Pistons	[thumb]	6
Chancel Console Off	[thumb]	
Chancel Organ Cancel	[thumb]	

ACCESSORIES

Lights for:

Music Rack
 Pedal Keyboard

Indicator Lights:

Wind
 Crescendo
 Full Organ