

HILLGREEN, LANE & COMPANY
Organ Builders
ALLIANCE, OHIO

WILL A. WATKIN COMPANY
REPRESENTATIVES
DALLAS, TEXAS

April 27, 1925

Special SPECIFICATIONS

Four Manual and Pedal Organ with Hillgreen,
Lane Improved Electric Action throughout

Compass of Manuals CC to C 61 Keys
Compass of Pedal CCC to F 32 Keys

for

McFARLIN MEMORIAL AUDITORIUM
Southern Methodist University
Dallas, Texas

66 Stops
33 Couplers
26 Piston Combinations
12 Pedal Movements
9 Accessories

GREAT ORGAN

1.	16 ft. Open Diapason	Metal	97 Pipes
2.	8 ft. First Diapason (Scale 38)	Metal	61 Pipes
3.	8 ft. Second Diapason (Scale 40)	Metal	61 Pipes
4.	8 ft. Third Diapason (Scale 42) (from #1)	Metal	61 Pipes
5.	8 ft. Melodia	Wood	61 Pipes
6.	8 ft. Gamba	Metal	61 Pipes
7.	8 ft. Doppel Flute	Wood	61 Pipes
8.	8 ft. Gemshorn	Metal	61 Pipes
9.	4 ft. Octave (from #1)	Metal	61 Notes
10.	3 rnk. Mixture (Synthetic)	Metal	183 Notes
11.2	2 2/3 ft. Twelfth (from #1)	Metal	61 Notes
12.	2 ft. Fifteenth (from #1)	Metal	61 Notes
13.	4 ft. Flute d'Amour	Wood & Metal	61 Pipes
14.	16 ft. Trombone	Reeds	85 Pipes
15.	8 ft. Tuba (from #14)	Reeds	61 Notes
16.	4 ft. Clarion (from #14)	Reeds	61 Notes
17.	Harp Marimba (Playable from Great and Choir)	Wares	49 Tones

SWELL ORGAN

18.	16 ft. Bourdon	Wood	97 Pipes
19.	8 ft. Diapason	Metal	73 Pipes
20.	8 ft. Viol d'Orchestre	Metal	73 Pipes
21.	8 ft. Salicional	Metal	73 Pipes
22.	8 ft. Vox Celeste (Tenor C)	Metal	61 Pipes
23.	8 ft. Gedeckt (from #18)	Wood	73 Notes
24.	8 ft. Hohl Flute	Wood	73 Pipes
25.	4 ft. Flute Harmonique (from #18)	Metal	73 Notes
26.	4 ft. Violina	Metal	73 Pipes
27.	2 ft. Piccolo (from #18)	Metal	61 Notes
28.	8 ft. Cornopean	Reeds	73 Pipes
29.	8 ft. Oboe	Reeds	73 Pipes
30.	8 ft. Vox Humana	Reeds	73 Pipes

3 1/2

3 Rank Saloon Case

Metal

219 Pipes

CHOIR ORGAN

31.	8 ft. Violin Diapason	Metal	73 Pipes
32.	8 ft. Dulciana	Metal	73 Pipes
33.	8 ft. Unda Maris (Tenor C)	Metal	61 Pipes
34.	8 ft. Quintadena	Metal	73 Pipes
35.	8 ft. Concert Flute	Wood	73 Pipes
36.	4 ft. Forest Flute	Wood & Metal	73 Pipes
37.	8 ft. Clarinet	Reeds	73 Pipes

SOLO ORGAN

38.	8 ft. Stentorphone	Metal	73 Pipes
39.	8 ft. Gross Camba	Metal	73 Pipes
40.	8 ft. Camba Celeste (Tenor C)	Metal	61 Pipes
41.	8 ft. Tibia Clausa	Wood	73 Pipes
42.	4 ft. Flute	Wood & Metal	73 Pipes
43.	8 ft. French Horn	Reeds	73 Pipes
44.	16 ft. Ophicleide	Reeds	97 Pipes
45.	8 ft. Tuba Marabilis (from #44)	Reeds	73 Notes
46.	4 ft. Tuba Clarion (from #44)	Reeds	73 Notes

ECHO ORGAN

47.	8 ft. Echo Salicional	Metal	73 Pipes
48.	8 ft. Vox Angelica (Tenor C)	Metal	73 Pipes
49.	8 ft. Echo Flute	Wood	73 Pipes
50.	4 ft. Rohr Flute	Metal	73 Pipes
51.	8 ft. Vox Humana	Reeds	73 Pipes
52.	Cathedral Chimes, (Class A, Deagan) (Playable from Solo or Great Manuals) <i>and</i>		20 Cylinders

PEDAL ORGAN

53.	32 ft. Resultant	Acoustic	32 Notes
54.	16 ft. Double Diapason Major	Wood	32 Pipes
55.	16 ft. Double Diapason Minor (from #1)	Metal	32 Notes
56.	16 ft. Bourdon	Wood	44 Pipes
57.	16 ft. Violone	Wood	56 Pipes
58.	16 ft. Lieblich Gedeckt (from #18)	Wood	32 Notes
59.	8 ft. Flute (from #56)	Wood	32 Notes
60.	8 ft. Dolce (from #18)	Wood	32 Notes
61.	8 ft. Cello (from #57)	Wood	32 Notes
62.	16 ft. Trombone (from #14)	Reeds	32 Notes
63.	16 ft. Ophicleide (from #44)	Reeds	32 Notes
64.	8 ft. Tuba (from #14)	Reeds	32 Notes
65.	4 ft. Tuba Clarion (from #14)	Reeds	32 Notes
66.	4 ft. Violon (from #57)	Metal	32 Notes

COUPLERS

67.	Swell 8' to Pedal
68.	Swell Quint to Pedal
69.	Great 8' to Pedal
70.	Choir 8' to Pedal
71.	Solo 8' to Pedal
72.	Solo 4' to Pedal
73.	Echo 8' to Pedal
74.	Swell 8' to Great
75.	Swell 4' to Great
76.	Swell 16' to Great
77.	Swell 16' to Swell
78.	Swell 4' to Swell
79.	Swell Unison Off
80.	Swell 8' to Choir
81.	Swell 4' to Choir
82.	Swell 16' to Choir
83.	Choir 8' to Great
84.	Choir 4' to Great

COUPLERS * Continued

- 85. Choir 16' to Great
- 86. Choir 16' to Choir
- 87. Choir 4' to Choir
- 88. Choir Unison Off
- 89. Solo 8' to Great
- 90. Solo 4' to Great
- 91. Solo 16' to Great
- 92. Solo 4' to Solo
- 93. Solo 16' to Solo
- 94. Great 8' to Solo
- 95. Solo 8' to Choir
- 96. Great 16' to Great
- 97. Great 4' to Great
- 98. Great Unison Off
- 99. All Swells to Swell Pedal

COMBINATION PISTONS

- 100, 101, 102, 103, 104. Five effecting Great and Pedal Organs.
- 105, 106, 107, 108, 109, 110. Six effecting Swell and Pedal Organs.
- 111, 112, 113, 114, 115. Five effecting Choir and Pedal Organs.
- 116, 117, 118, 119, 120. Five effecting Solo and Echo Organs.
- 121, 122, 123, 124, 125. Five Master Pistons effecting all Organs and Couplers.

PEDAL MOVEMENTS

- 126A. Balanced Great Pedal
- 126. Balanced Swell Pedal
- 127. Balanced Choir Pedal
- 128. Balanced Solo and Echo Pedal
- 129. Balanced Crescendo and Diminuendo Pedal
- 130. Great to Pedal, Reversible
- 131. Sforzando Pedal
- 132, 133, 134, 135, 136. Five Master Pistons duplicated by Pedal Stands.

ACCESSORIES

- 137. Swell Tremolo
- 138. Great Tremolo
- 139. Choir Tremolo
- 140. Echo Tremolo
- 141. Solo Tremolo
- 142. Wind Indicator
- 143. Crescendo Indicator
- 144. Electric Orgbello and Generator
- 145. Organist's Bench

NOTES

Detached Console, Four Manuals and Echo.
The Action throughout to be of Electro-Pneumatic System.
Pedal Key-Board A.G.O. Pattern, Concave-Radiating.

CONSOLE FINISH: and ARRANGEMENT OF STOPS AND COUPLERS;

Console: The wood and finish of Console are to be in accordance with specifications furnished by architects, R.H. Hunt Company, Dallas, Texas.

Inside of Console: Best grade of Mahogany, highly finished.
Organ bench to conform to console.

A sketch of the Console to be furnished by the Architects.
Natural Keys shall be plated with finest Ivory not less than one-tenth of an inch thick. No imitation shall be used in any portion touched by the fingers. The sharp Keys shall be formed of the finest kiln dried jet black ebony; all keys to be highly finished. The Pedal-Board to be of Oak or beech, or

Console finish and Arrangement continued -

best grade of white Maple. The Expression Pedals to be faced with Beech or White Maple. No screws visible.

Couplers for each Manual and Pedal shall be placed in Groups above the respective divisions of the organ they control. All tablets shall be white with black letters; Console shall be of wood, designed and finished to conform with plans of Architect. Samples and sketches to be furnished by the Architect.

COMPOSITION OF METAL AND WOOD PIPES:

The Dulciana, Diapason and Flute Harmonique Stops shall be of an Alloy, 25% pure tin and 75% pure lead.

The Violin Diapason, Swell Diapason and Stops of relative character shall be of an alloy of 45% pure tin and 55% pure lead.

The Salicional, Gamba, and Stops of relative character shall be of an alloy of 95% pure tin and 5% pure lead.

The larger wood pipes of the Manual Stops and of the Pedal Stops shall be made of air-dried, white pine, thoroughly seasoned, and the smaller wood pipes of the Manual Stops shall be made of the best grade air-dried spruce. The mouths of all wood pipes are to be capped with cherry or other high grade hard wood. Ties of all Manual Wood Pipes are to be made of lead. In the large pipes of the Pedal Open, Bourdon, Violon, and Lieblich the feet are to have adjustable gates in the airways to regulate the flow of air through the pipes.

Above specifications are for the organ installed, complete, with freight, drayage and erection expense paid by builders except that the Wind Conductors from the Blower to the different divisions of the Organ and Electric Service Wires from main Switch-Board to the Blower Motor to be supplied by the PURCHASERS.

The Organ Chambers and Foundation for Blower are to be prepared in readiness for the reception of the organ and any openings in walls or floor of Organ chambers necessary for the proper installation of the Organ to be done at the Purchaser's expense.

No Ornamental Front Pipes are included in the price quoted for these specifications, but the builders agree to quote prices for any display pipes desired by the purchasers and supply same at a price mutually agreed upon.