

March 27, 1901.

MEMORANDUM SPECIFICATION FOR A TWO MANUAL ORGAN

MANUAL COMPASS C. C. TO C. 61 NOTES.

PEDAL COMPASS C.C.C. TO F. 30 NOTES.

GREAT ORGAN

<u>No. of Stops</u>	<u>Name</u>	<u>Pitch</u>	<u>No. of Pipes.</u>
1	Open Diapason	8'	61
2	Gamba	8'	61
3	Dolce	8'	61
4	Melodia	8'	61
5	Octave	4'	61
6	Flute Harmonique	4'	61
7	Flautina	2'	61
8	Clarinet	8'	61

All pipes in great organ to be enclosed in a swell box except lower notes of Stop No. 1 (Open Diap).

SWELL ORGAN

1	Bourdon (Bass to be left out of swell box).	16'	61
2	Open Diapason (Stopped base).	8'	61
3	Salicional	8'	61
4	Aeoline	8'	61
5	Stopped Diapason	8'	61
6	Rohr Flute	4'	61
7	Gemshorn	4'	61
8	Piccolo (conical)	2'	61
9	Cornopean	8'	61
10	Vox Humana	8'	61
11	Oboe	8'	61

All pipes in swell organ to be enclosed in a swell box except Bass of No. 1 (Bourdon).

PEDAL ORGAN

1	Bourdon	16'	30
2	Bass Flute	8'	30
3	Violoncello	8'	30



## COUPLERS

(TO BE "TABLÉT" SYSTEM)

- 1 Swell to Great
- 2 Swell to Great Octaves
- 3 Swell to Great Sub-Octaves.
- 4 Swell to Pedal
- 5 Great to Pedal.

## MERCHANICAL ACCESSORIES

- 1 Swell Tremulant
- 2 Wind Indication
- 3 Crescendo Indication
- 4 Motor Starter.

## PISTON MOVEMENT

(Left to Right)

- 1 Great Organ Piano
- 2 " " Mezzo
- 3 " " Forte
- 4 1 Swell Organ Piano
- 2 " " Mezzo
- 3 " " Forte

## PEDAL MOVEMENTS

- 1 Balanced Crescendo Pedal (Controlling all speaking stops of the organ).
- 2 Sforzando Pedal
- 3 Great to Pedal, Reversible.
- 4 Balanced Swell Pedal on Swell Organ
- 5 Balanced Swell Pedal on Great Organ
- 6 Pedal Organ Forte.
- 7 Pedal Organ Piano.

1. (Grand Balanced Crescendo Pedal) This pedal to control entire organ bringing on and off all speaking stops in the order of their power; slowly and gradually or with great rapidity at will of organist.



## DETAILS OF CONSTRUCTION

### Design and Materials.

1. The decoration on front display pipes <sup>To be done by Pottier & Stimus Co.</sup> (to be treated in gold by organ builder as directed by Pottier & Stimus Co.), and the case and screen work, except front of console to be done by other parties.

2. The bellows to be of ample size double leathered throughout with feeding capacity to supply the fullest legitimate demands and to be made suitable for the attachment of a water motor.

3. The wind-chests to be those known as "Odell Improved Chests" so arranged that every pipe receives a full supply of wind, and this prevents the customary falling off in tone of the smaller pipes when full, organ is drawn.

4. The action to be constructed on the "Odell Patent Vacuum-Exhaust System" (Tubular Pneumatic) which ensures an absolutely prompt and light touch through the utmost simplicity and reliability and responsive to a highly perfected degree.

5. The Great and Swell organ each to have a separate swell box and to be made according to the most approved plan with equilibrium shades acted upon by a balanced pedal placed in a convenient position over the pedal keys.

6. The console to be of the most modern pattern designed in accordance with the preferred views of the world's foremost organists; the arrangement being such as to give the greatest facility to the player. The keys shall be of the overhanging type made of the best ivory and ebony. The pedal keys shall be of the latest and most approved pattern made of light and dark hard wood.

### Pipe-Work and Voicing.

7. The wood pipes to be made of the best seasoned material glue sized inside and varnished with shellac outside, except the large pedal pipes which shall be painted with oil paint.



8. The Metal Pipes to be made of a composition of pure tin and lead varied according to the requirements of the tone, but in no case to have less than forty per cent. of tin. All metal pipes shall be in accordance with this article except the large flue pipes which shall be made of the best zinc.

9. The scale of each and every stop in the foregoing specification to be in accordance with the best standards and such as only adopted in strictly high grade instruments.

10. The voicing of the organ upon which its value as a musical instrument chiefly depends, to combine the best points of the American and European schools. Special care must be given to voicing the organ in accordance with dimensions of the room, so as not to produce harshness of tone.

11. The various registers, metal and wood, shall be of uniform calibre throughout, and the contrasted varieties of tone shall harmoniously blend into a satisfactory whole without either harshness or undue ponderosity.

12. In order to avoid any unnecessary weight and to assure the greatest attainable durability against all atmospheric changes all action tubing shall be made of block tin.

13. The Swell Boxes are to be built side by side, with the swell shades opening to the front of the organ.

Space that is required for this instrument inside of case or screen work will be 17'3" for height; 23' 0" in width and 7'11" in depth. Keyboard and organist's seat not included in measurements above given.

Paint all pipes or parts of swell boxes or other parts of organ (except front display pipes heretofore mentioned in paragraph 1) which may be exposed to view from any part of music room as directed by Pottier & Stymus Co.

The water motor furnished and the water motor connections shall be free from noise or audible vibrations, and shall be of sufficient size and power to supply with ease the demands upon it in the use of said organ.