

# M. P. MÖLLER Organ Factory

Pipe Organ No. 4183 Date Nov. 14, 1924

For St. Joseph Valley Masonic Temple, South Bend, Ind.

Action Elec. Console Detached 30'

Casing of Quar. Sawn Oak Finish \_\_\_\_\_

Decorations None Motor Elec.

Width of Key-bed \_\_\_\_\_ Stop Controls Knobs & Stop Keys.

No. Manuals Three & Echo Wind Pressure See spec.

To be completed June 1, 1925 Blower pipe furnished by Church

Organ Divided. No Casing. Display Pipes or Grille

Pitch A-440

## SPECIFICATIONS:

Draw Knobs, Couplers & Mechanicals to be Stop Keys above manual.

### GREAT ORGAN 73 Note Chest. 7" wind.

1	8'	1st. Open Diapason...Scale 40.....	61 Pipes
2	8'	2nd. Open Diapason...Scale 44.....	73 "
3	8'	Doppel Floete.....	73 "
4	8'	Melodia.....	73 "
5	8'	Gamba.....	73 "
6	16'	Ophicleide.....Unit.....	97 "
7	8'	Tuba.....From #6.....	73 Notes
8	4'	Clarion.....From #6.....	73 "
9	4'	Principal.....From #2.....	73 "
10	4'	Concert Flute.....From #4.....	73 "
11		Cathedral Chimes.....	25 Tubes

### SWELL ORGAN 73 Note Chest. 7" wind.

12	16'	Gedeckt, (Stop, Diap. Quality), Unit....	97 Pipes
13	8'	Small <del>S.S.B.</del> Diapason.....Scale 42.....	73 "
14	8'	Stopped Diapason.....From #12.....	73 Notes
15	8'	Gamba.....From #5.....	73 "
16	8'	Viola...Scale 32.....Soft..Unit.....	97 Pipes
17	4'	Violin.....From #16.....	73 Notes
18	2-2/3'	Twelfth.....From #12.....	61 "
19	2'	String.....From #16.....	73 "
20	2'	Piccolo.....From #12.....	73 "
21	1-3/5'	Tierce.....From #12.....	61 "
22	3 Rks.	String Mixture, From 12-15-17.....	183 "
23	8'	Viole Celeste.....	73 Pipes
24	8'	Viole D <sup>1</sup> Orchestre.....	73 "
25	4'	Flute Harmonic.....	73 "
26	4'	Flute D <sup>1</sup> Amour.....From #12.....	73 Notes
27	8'	Oboe.....	73 Pipes
28	8'	Cornopean.....	73 "
29	8'	Vox Humana.....S.S.B.....	61 "
30		Harp.....	49 Bars

### CHOIR ORGAN 73 Note Chest. 5" wind.

31	8'	English Open Diapason...Scale 44....	73 Pipes
32	8'	Orchestral Flute (Concert).....	65 "
33	8'	Dulciana.....	73 "
34	8'	French Horn.....	73 "
35	8'	Clarinet.....	73 "
36	4'	Solo Flute.....From #32.....	73 Notes
37	2'	Piccolo.....From #32.....	61 "

ECHO ORGAN 5" wind.

(Played from Great Manual)

All Silent Stops		To be added later.	
38	16'	Echo Bourdon.....Unit.....	97 Pipes
39	8'	Echo Flute.....From #38.....	73 Notes
40	4'	Wald Flute.....From #38.....	73 "
41	8'	Muted Viol.Scale 64.Tapered.....	85 Pipes
42	4'	Echo Violin.....From #41.....	73 Notes
43	8'	Vox Angelica.....Scale 64.....	61 Pipes
44	8'	Unda Maria.....	61 "
45		Cathedral Chimes.Trf.fr Gt.....	25 Tubes

ECHO PEDAL

(Silent Stop to be added later)

46	16'	Echo Pedal.....From #38.....	32 Notes
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PEDAL ORGAN

47	32'	Contra Bourdon.....	56 Pipes
48	16'	Diapason Resultant.....	32 Notes
49	16'	Bourdon.....From #47.....	32 "
50	8'	Bass Flute.....From #47.....	32 "
51	16'	Double Open Diapason.....wood	44 Pipes
52	16'	Lieblich Gedeckt....From #12.....	32 Notes
53	16'	Ophecleide.....From #6.....	32 "
54	8'	Octave Diapason....From #51.....	32 "
55	8'	Cello.....From #16.....	32 "

COUPLERS

56	Swell to Great 4'	70	Choir to Swell 16'
57	Swell to Great	71	Choir to Swell
58	Swell to Great 16'	72	Swell 4'
59	Choir to Great 4'	73	Swell 16'
60	Choir to Great	74	Choir to Pedal
61	Choir to Great 16'	75	Swell to Pedal
62	Great 4'	76	Swell to Pedal 4'
63	Great 16'	77	Great to Pedal
64	Swell to Choir 4'	78	Great to Pedal 4'
65	Swell to Choir	79	Swell Unison Off
66	Swell to Choir 16'	80	Great Unison Off
67	Choir 4'	81	Choir Unison Off
68	Choir 16'	82	All Couplers Cancel
69	Choir to Swell 4'	83	Echo "On" Great "Off" silent stop
		84	Echo to Great Silent Stop

MECHANICALS

- 85 Echo Tremulant
- 86 Swell Tremulant
- 87 Choir Tremulant
- Crescendo Indicator

ADJUSTABLE COMBINATIONS

- Great 1-2-3-4-5-6 and Cancel
- Swell 1-2-3-4-5-6 and Cancel
- Choir 1-2-3-4-5-6 and Cancel
- Pedal 1-2-3-4-5-6 and Cancel
- General 1-2-3-4-5-6 and Cancel, duplicate studs on toe board
- Pedal to Manuals "On and Off" coupler pistons on each manual
- "On and Off" piston coupling all manuals to the Great

PEDAL MOVEMENTS

- 1 Great to pedal Reversible
- 2 Balanced Swell-Great expression Pedal
- 3 Balanced Choir Expression Pedal
- 4 Swell to Pedal Reversible
- 5 Sforzando pedal - operated by stud with light.
- 6 Grand Crescendo Pedal
- Organ Bench with Music Shelf.
- Concave Pedal
- Electric blower of ample capacity.

The action to be electric or electro-pneumatic with instantaneous attack & repetition. All parts to be conveniently arranged for ready access for adjustment, repairs, etc. and constructed of the best materials. Action of organ and console to be noiseless from any seat in auditorium. The operating mechanism for chimes to have sufficient rapidity to permit a repetition of two per second.

#### MATERIALS

All materials throughout the organ to be the best of their respective kinds. No substitutes to be used for clear white pine and best quality leather. Hard woods to be used where required for the proper construction of the organ.

The metal pipes to be made of the best alloys and of ample thickness. The diapasons to be extra heavy.

Pedal boards to be radiating, concave, standard A.A.G.O. pattern. Hard woods to be used. Sharps capped with solid ebony.

The console to match woodwork of auditorium for finish and design. All relay boards and other parts where ciphering usually occurs to be so placed as to be readily accessible. Approval of Temple Organist must be obtained as to location of these.

#### VOICING

The voicing is to represent the best of the organ builders' art. No pipes are to be forced and wind pressure are to be adjusted to give delicacy and refinement in the softer stops. Orchestral stops are to be of their characteristic timber. The louder stops to be rich, full and sonorous. The ensemble to be given particular attention. Before the acceptance of the organ any stops which are not satisfactory are to be replaced at the expense of the builder.

Organist's bench to be of heavy construction and adjustable and provided with reclining back, music shelf and foot rest. The Temple Association will provide:-

1. Room for blowing plant
2. Organ chambers
3. All cutting of floor necessary for installation
4. Wiring to motor
5. Wiring from motor to console to start and stop
6. Wind conductor from blower to console.
7. Conduits for wires from console to organ chambers
8. Necessary wind conductors from blower to organ

The Great and Swell organs will be placed in a chamber approximately 16' x 18' x 20' high. The size of choir organ chamber will be 8' x 12' and that for Echo organ the same size. The sketch appended to this specification is intended for estimating cable lengths etc. Organ builder to verify at building.

Two separate openings will lead from main organ chamber and one each from Choir and Echo chambers. Shutters for these are to be not less than 2-1/2" thick, well padded, absolutely noiseless, and are to operate simultaneously in such a manner that apertures are produced very gradually, making perfect shading possible.

Organ manufacturers are to arrange to give the committee opportunity of hearing an organ of the kind described.

#### GUARANTEE

Organ builder shall include in his bid a five year guarantee agreeing to remedy all defects which may arise except only that of tuning, or damages resulting from causes apart from those inherently a part of the manufacture of the instrument itself. If required he shall any time within one year send competent men to make additional adjusting in the voicing.