

M. P. MÖLLER Organ Factory

453

Pipe Organ No. R-494 Date April 12, 1954
 For FIRST CONGREGATIONAL CHURCH, MONTCLAIR, N. J.
 Action Electro-Pneumatic Console Detached - RSO
 Casing No. None Finish To C/B submitted
 Decorations No Change Motor Present Motor & Blower
 Width of Key-bed Standard Stop Controls Draw-Knobs & Tilting Tablets
 No. Manuals Four & Pedal Wind Pressure No Change
 To be Completed Oct. 15, 1954 Blower Pipe furnished by No Change

SPECIFICATIONS

FOR

REBUILDING PRESENT E. M. SKINNER ORGAN

CONSOLE

Install new four manual electro-pneumatic detached draw knob console, pedal keyboard and organ bench.

MANUAL CHEST

Recover 2175 manual pipe pouches.
 Releather six 61 note primary stations and install new outside type magnets.
 Releather 39 stop action controls and install new outside type magnets.

OFFSET CHEST

Releather and electrify the following offset actions -

Great	8	Diapason (First)	#1-#17 inc.
Great	8	Erzähler	#1-#10 inc.
Great	8	Waldflöte	#1-#12 inc.
Swell	16	Bourdon	#1-#12 inc.
Swell	8	Diapason	#1-#12 inc.
Swell	8	Spitzflöte	#1-#12 inc.
Swell	8	Gedeckt	#1-#8 inc.
Swell	8	Salicional	#1-#6 inc.
Swell	8	Voix Celeste	#1-#6 inc.
Swell	2-2/3	Nasat (Aeoline)	#1-#6 inc.
Swell	III	Cymbal (Claribel Flute)	#1-#12 inc.
Choir	16	Gamba	#1-#18 inc.
Choir	8	Nachthorn (Diapason)	#1-#10 inc.
Choir	8	Kleine Erzähler	#1-#12 inc.
Choir	4	Koppelflöte (Concert Flt.)	#1-#8 inc.
Choir	III	Zimbel (Dulciana)	#1-#6 inc.
Solo	8	Gamba	#1-#10 inc.
Solo	8	Gamba Celeste	#1-#10 inc.
Solo	8	Bombarde (Tuba)	#1-#61 inc.
Echo	8	Cor de Nuit	#1-#8 inc.

NEW ACTIONS

Install the following new action

III	Furniture	#1-#17 inc.
2	Super Octave	#1-#61 inc.

CONTACT BOX

Install new 61 note contact box for Great Organ.
 Install new 12 note contact box for Swell Organ.
 Install two new 6 note single conductor contact boxes for Swell 16 Bourdon #1-#12 inc.
 Install new 61 note contact box for Choir Organ.
 Install new 18 note single conductor contact box for Choir 16 Gamba #1-#18 inc.
 Install new 61 note contact box for Solo Organ.
 Install four new 5 note single conductor contact boxes for Solo 8 Gamba #1-#10 inc. & 8 Gamba Celeste #1-#10 inc.
 Install two new 4 note single conductor contact boxes for Echo 8 Cor De Nuit #1-#8 inc.

SWITCHES

Install the following new switches with stop actions -

Great	8	Diapason	#1-#17 inc.
Great	8	Waldflöte	#1-#12 inc.
Great	8	Ersahler	#1-#10 inc.
Great	2	Super Octave	#1-#61 inc.
Great	III	Mixture	#1-#17 inc.
Swell	8	Diapason	#1-#12 inc.
Swell	8	Spitzflöte	#1-#12 inc.
Swell	8	Gedeckt	#1-#8 inc.
Swell	8	Salicional	#1-#6 inc.
Swell	8	Voix Celeste	#1-#6 inc.
Swell	2-2/3	Nasat	#1-#6 inc.
Swell	III	Cymbal	#1-#12 inc.
Choir	8	Nachthorn	#1-#10 inc.
Choir	8	Kleine Erzähler	#1-#12 inc.
Choir	4	Koppelflöte	#1-#3 inc.
Choir	III	Zinbel	#1-#6 inc.
Ch		Harp	#1-#61 inc.
Solo	8	Bombarde	#1-#61 inc.
Echo		Chimes	#20-#44 inc.

PEDAL ORGAN

Releather 16 Diapason action #1-#56 inc. and install new outside type magnets.
 Releather 16 Bourdon action #1-#56 inc. and install new outside type magnets.
 Releather 32 Bombarde action #1-#63 inc. and install new outside type magnets.
 Releather two 32 note primary stations and install new outside type magnets.
 Releather two 44 note primary stations and install new outside type magnets.
 Install new III Pedal Mixture action #1-#32 inc.
 Install new 32 note pedal relay with eighteen 32 note switches.

EXPRESSION

Recover three accordian type expression actions and install new outside type magnets.

RESERVOIRS

Recover the following reservoirs -

Five	2'-0" x 3'-0"
Two	1'-6" x 2'-6"
Three	2'-6" x 4'-0"
One	2'-0" x 4'-0"
One	3'-0" x 5'-0"

TREMOLOS

Install four new pneumatic type tremolos.

CHIMES

Install new 25 note Chime action.

PIPES

Install modern tuning slides on all present metal pipes.
Install the following new pipes --

Great	8	Diapason	61 Pipes
Great	4	Octave	61 Pipes
Great	2-2/3	Octave Quint	61 Pipes
Great	2	Super Octave	61 Pipes
Great	III	Fourniture	183 Pipes
Swell	III	Cymbal	183 Pipes
Swell	8	Trompette	61 Pipes
Swell	4	Clarion	61 Pipes
Choir	8	Nachthorn	61 Pipes
Choir	4	Koppelflute	61 Pipes
Choir	2-2/3	Rohrnazard	61 Pipes
Choir	1-3/5	Ters	61 Pipes
Choir	III	Zimbel	183 Pipes
Choir	8	Rohrschalmel	61 Pipes
Solo	8	Bombarde	61 Pipes
Pedal	III	Mixture	96 Pipes

Revoice the following present pipes --

Swell	8	Diapason	61 Pipes (present Choir 8 Diapason)
Swell	4	Octave	61 Pipes (present Great 4 Octave)
Swell	2-2/3	Nazard	61 Pipes (present Choir 2-2/3 Nazard)
Swell	16	English Horn	61 Pipes
Swell	8	Flugelhorn	61 Pipes
Swell	8	Vox Humana	61 Pipes
Choir	2	Piccolo	61 Pipes
Pedal	16	Bombarde	56 Pipes

ACTION CURRENT Install new 10-15 volt 75 ampere Orgelectra power unit.

GENERAL

All parts to be rebuilt to be returned to the factory at Hagerstown, Md.
All parts or materials of present organ not used in the renovated instrument to become the property of M. P. Moller, Inc.

SPECIFICATIONS
FOR
CONSOLE & ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 notes
CCC to G, 32 notes
Great 5-1/2", Swell 7", Choir 5", Solo 9", Pedal 5-1/2" & 9"
A-440 @ 70° F

GREAT ORGAN

1	8	Diapason....New pipes, present 8 First Diapason action.....	61 Pipes
2	8	Waldflute...Present Choir 8 Concert Flute pipes, present action.....	61 Pipes

GREAT ORGAN (cont'd)

3	8	Ersähler.....Present pipes, present action.....61 Pipes
4	4	Octave.....New pipes, present action.....61 Pipes
5	2-2/3	Octave Quint..New pipes, present 4 Flute Harmonic action....61 Pipes
6	2	Super Octave.....New pipes, new action.....61 Pipes
7	III	Fourniture....New pipes, new action #1-#17 inc., present
		8 Second Diapason action #18-#61 inc.....183 Pipes

SWELL ORGAN 19

8	16	Bourdon.....Present pipes, present action.....61 Pipes
9	8	Diapason...Revoice present Choir 8 Diapason, present action..61 Pipes
10	8	Gedeckt.....Present pipes, present action.....61 Pipes
11	8	Spitzflöte....Present pipes, present action.....61 Pipes
12	8	Flute Celeste.....Present pipes, present action.....61 Pipes
13	8	Salicional.....Present pipes, present action.....61 Pipes
14	8	Voix Celeste.....Present pipes, present action.....61 Pipes
15	4	Octave..Revoice present Great 4 Octave pipes, present action.61 Pipes
16	4	Flute Harmonic....Present pipes, present action.....61 Pipes
17	2-2/3	Nasat.....Revoice present Choir 2-2/3 Nazard pipes,
		present 8 Aeoline action.....61 Pipes
18	2	Flautino.....Present pipes, present action.....61 Pipes
19	III	Cymbal.....New pipes, present 8 Claribel Flute action.....183 Pipes
20	16	English Horn.....Revoice present pipes, present action.....61 Pipes
21	8	Trompette.....New pipes, present 8 Cornopean action.....61 Pipes
22	8	Flugelhorn.....Revoice present pipes, present action.....61 Pipes
23	4	Clarion.....New pipes, present action.....61 Pipes
24	8	Vox Humana....Revoice present pipes, present action.....61 Pipes
25		Tremolo

CHOIR ORGAN 12

26	16	Gamba.....Present pipes, present action.....61 Pipes
27	8	Nachthorn.....New pipes, present 8 Diapason action.....61 Pipes
28	8	Kleine Erzähler....Present pipes, present action.....110 Pipes
29	4	Koppelflöte....New pipes, present 8 Concert Flute action.....61 Pipes
30	2-2/3	Rohrnazard....New pipes, present action.....61 Pipes
31	2	Piccolo.....Revoice present pipes, present action.....61 Pipes
32	1-3/5	Terz.....New pipes, present 4 Flute Harmonic action....61 Pipes
33	III	Zimbel.....New pipes, present 8 Dulciana action.....183 Pipes
34	8	Rohrschalmel.....New pipes, present 8 Clarinet action.....61 Pipes
35	8	Harp.....Present Bars, present action.....61 Bars
36		Tremolo

SOLO ORGAN 5

37	8	Solo Flute.....(prepared for in console only)
38	8	Gamba.....Present pipes, present action.....61 Pipes
39	8	Gamba Celeste.....Present pipes, present action.....61 Pipes
40	8	Orchestral Oboe....Present pipes, present action.....61 Pipes
41	8	French Horn.....Present pipes, present action.....61 Pipes
42	8	Bombarde.....New pipes, present 8 Tuba action.....61 Pipes
43		Tremolo

ECHO ORGAN (Playable from Solo Manual) 2

44	8	Cor de Nuit.....	Present pipes, present action.....	61 Pipes
45	8	Vox Humana.....	Present pipes, present action.....	61 Pipes
46		Chimes.....	New action, present tubes.....	25 Bells
47		Tremolo		

PEDAL ORGAN 4

48	32	Diapason...Low octave quinted....	from #49.....	32 Notes
49	16	Diapason.....	Present pipes, present action.....	56 Pipes
50	16	Bourdon.....	Present pipes, present action.....	56 Pipes
51	16	Camba.....	from #26.....	32 Notes
52	16	Echo Lieblich.....	from #8.....	32 Notes
53	8	Octave.....	from #49.....	32 Notes
54	8	Gedeckt.....	from #50.....	32 Notes
55	8	Stillgedeckt.....	from #8.....	32 Notes
56	8	Cello.....	from #38.....	32 Notes
57	4	Super Octave.....	from #49.....	32 Notes
58	4	Flute.....	from #50.....	32 Notes
59	III	Mixture.....	New pipes, new action.....	96 Pipes
60	32	Bombarde....	Present pipes, (revoice #13-#68 inc.), present action.....	68 Pipes
61	16	Bombarde.....	from #60.....	32 Notes
62	16	English Horn.....	from #20.....	32 Notes
63	8	Bombarde.....	from #60.....	32 Notes
64	8	English Horn.....	from #20.....	32 Notes
65	4	Clarion.....	from #60.....	32 Notes

COUPLERS

66	Great to Pedal	83	Great 16
67	Great to Pedal 4	84	Great Unison
68	Swell to Pedal	85	Great 4
69	Swell to Pedal 4	86	Swell 16
70	Choir to Pedal	87	Swell Unison
71	Choir to Pedal 4	88	Swell 4
72	Solo to Pedal	89	Solo to Choir
73	Solo to Pedal 4	90	Swell to Choir 16
74	Swell to Great 16	91	Swell to Choir
75	Swell to Great	92	Swell to Choir 4
76	Swell to Great 4	93	Choir 16
77	Choir to Great 16	94	Choir Unison
78	Choir to Great	95	Choir 4
79	Choir to Great 4	96	Great to Solo
80	Solo to Great 16	97	Solo 16
81	Solo to Great	98	Solo Unison
82	Solo to Great 4	99	Solo 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6	Affecting Great Stops
Pistons No. 1-2-3-4-5-6-7	Affecting Swell Stops
Pistons No. 1-2-3-4-5-6	Affecting Choir Stops
Pistons No. 1-2-3-4-5-6	Affecting Solo and Echo Stops
Pistons No. 1-2-3-4-5-6	Affecting Pedal Stops (duplicated by toe studs)
Pistons No. 1-2-3-0	Affecting Inter-Manual Couplers
Pistons No. 1-2-3-4-5-6-7-8-9-10	Affecting Full Organ (duplicated by toe studs)
General Cancel	

PEDAL MOVEMENTS

- 1 - Great to Pedal Reversible (duplicated by manual piston)
- 2 - Swell to Pedal Reversible (duplicated by manual piston)
- 3 - Choir to Pedal Reversible (duplicated by manual piston)
- 4 - Solo to Pedal Reversible (duplicated by manual piston)
- 5 - Balanced Expression Pedal - Swell Organ (16 contacts - regular system)
- 6 - Balanced Expression Pedal - Solo-Choir Organ (16 contacts - regular system)
- 7 - Balanced Expression Pedal - Echo Organ (16 contacts - regular system)
- 8 - Balanced Crescendo Pedal (16 contacts - regular system)
- 9 - Sforzando Reversible (duplicated by manual piston)
- 10 - 32 Bombarde Reversible (duplicated by tilting tablet, not to be affected by combinations).

ACCESSORIES

Action current indicator light - White
 Crescendo indicator light - Green
 Sforzando indicator light - Red

Concave and radiating pedal keyboard
 Organ bench with music shelf
 Castlight for music rack
 Pedal light

Present motor & blower. New Orglectra power unit.

5/10/54
 HDO/mb