

M. P. MÖLLER Organ Factory

Revised

Pipe Organ No. R-664 (Main Organ) ⁴⁻¹¹⁵ Date June 3, 1960 (1/9/61 & 6/13/61)
 For CRESCENT AVENUE PRESBYTERIAN CHURCH, PLAINFIELD, NEW JERSEY
 Action Electro-Pneumatic Console Present - Detached
 Casing No. Positiv & Gallery Organ Finish N/C
 Decorations Enclosures by M.P.Moller, Inc. Present Chancel Tower & R/C C/A Blowers.
Motor New 4-P-3330 10 H.P. Gallery Blower.
 Width of Key-bed N/C Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals Four and Pedal Wind Pressure _____
 To be Completed April 1, 1961 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, MOVING AND ENLARGING PRESENT MOLLER ORGAN OPUS 6185 ^{497 1934}
²²⁰⁸⁰

CONSOLE *

~~Install new English engraved draw knobs to conform with revised specifications.~~
~~Install new stop terraces as per approved drawings to be submitted.~~
~~Releather 370 on and off combination pneumatics.~~
~~Releather 370 note combination primary.~~
~~Install new, or rework, present contact coupler boards to conform with revised specifications.~~
~~Install new coupler primary.~~
~~Re-arrange expression pedals and related mechanism to conform with revised specifications.~~
~~Rewire console.~~
~~Rebush and burnish manual keys.~~
~~Refelt pedal keys and install new insulating tips.~~
~~Refelt console throughout.~~
 Repair and refinish existing console cabinet as required. ^{pedal keyboard and organ bench}
 Church to remove and replace existing paneling around console and M. P. Moller, Inc. to supply rigging for removal and re-installation of console.

GALLERY ORGAN

Refelt pedal keyboard and replace maple and ebony key surfaces.
 Dismantle present Great, Solo and part of Chancel Pedal Divisions and install on rear gallery.

Install new action for Solo 8 Spitzflöte - 73 pipes
 Install new action for Solo 8 Harmonic Flute - 73 pipes
 Install new action for Solo 4 Octave - 73 pipes
 Install new action for Solo 8 Trompette Harmonique - 73 pipes
 Install new action for Solo 8 Cornopean - 73 pipes
 Install new action for Pedal 16 Diapason #1-#4 incl. & 30 & #32 - 6 pipes
 Install new action for Pedal 8 Principal - 44 pipes
 Install new action for Pedal 8 Melodia - 56 pipes
 Supply and install 73 new primary pouches for upper rear tower primary station.

CONSOLE *

Supply complete new mechanism, in accordance with revised specification including the following.

Stops, couplers, etc, controls with old English engraving
 New manual keyboards and knob terraces
 Multiple contacts and coupler switches.
 On-Off action for stops, couplers, etc.

SWELL ORGAN

Install new Positiv Organ division including two (2) new reducer reservoirs located in Swell Organ as shown on layout.
 Install new action for Pedal 32 Bourdon #1-#4 incl. - 4 pipes.
 Rework or install new action for Pedal 32 Bourdon #11-#21 incl., & #41 to #44 incl. - 15 pipes.
 Install new action for Pedal 4 Octavin - 44 pipes.
 Install new action for Pedal 4 Claribel - 32 pipes.
 Re-arrange existing pedal actions within present location & provide new reservoir as shown on layout.

TREMOLOS

Install new Tremolos thruout organ.

CONCUSSION

Recover fourteen (14) Tower organ shade and shade bumper pneumatics.
 Recover fifteen (15) Swell organ shade and shade bumper pneumatics.
 Recover nineteen (19) Choir organ shade and shade bumper pneumatics.
 Recover fourteen (14) Solo organ shade and shade bumper pneumatics.
 Rework existing solo shades and supply new swell box & shades as required by new layout.

RESERVOIRS

Recover the following reservoirs & concussion pneumatics-

GREAT ORGAN

One (1) 2'-0" x 4'-0" manual reservoir
 Two (2) 2'-6" x 4'-0" manual reservoir
 One (1) 1'-8" x 3'-0" pedal reservoir
 One (1) 2'-0" x 3'-0" pedal reservoir
 Two (2) 1'-7" x 2'-1" concussion pneumatics

TOWER ORGAN

Two (2) 3'-0" x 4'-0" manual reservoirs
 One (1) 1'-2" x 1'-4" pedal reservoir
 One (1) 1'-9" x 3'-0" pedal reservoir
 Two (2) 1'-7" x 2'-1" concussion pneumatics

SOLO ORGAN

One (1) 3'-0" x 4'-0" manual reservoir
 Two (2) 1'-8" x 3'-0" pedal reservoirs
 Two (2) 10" x 14" shade reservoirs
 One (1) 1'-7" x 2'-1" concussion reservoir

SWELL ORGAN

One (1) 2'-0" x 4'-0" manual reservoir
 One (1) 2'-6" x 4'-0" manual reservoir
 Two (2) 3'-0" x 4'-0" manual reservoir
 One (1) 1'-6" x 2'-0" pedal reservoir
 One (1) 2'-0" x 3'-0" pedal reservoir
 Two (2) 10" x 14" shade reservoirs
 Three (3) 1'-7" x 2'-0" concussion pneumatics

"E" RESERVOIRS (cont'd)

CHOIR ORGAN

One (1) 3'-0" x 4'-0" manual reservoir
 One (1) 1'-2" x 1'-4" pedal reservoir
 One (1) 1'-4" x 1'-8" pedal reservoir
 One (1) 2'-0" x 3'-0" pedal reservoir
 One (1) 10" x 14" Shade reservoir
 One (1) 1'-7" x 2'-0" concussion pneumatic

Supply new reservoirs in Great & Solo organs as required by new layout.

PIPES

Install the following new pipes-

Great 8 Bourdon - 61 pipes
 Great 2 Blockflöte - 61 pipes
 Great III Kleine Mixture - 183 pipes
 Great 8 Schalmel - 73 pipes
 Tower 8 Rohrflöte - 73 pipes
 Tower 4 Prestant #62-#73 incl. - 12 pipes
 Solo 8 Spitzflöte - 73 pipes
 Solo 8 Harmonic Flute #62-#73 incl. - 12 pipes
 Solo 4 Octave - 73 pipes
 Solo 8 Trompette Harmonique - 73 pipes
 Swell 4 Fagot - 61 pipes
 Choir 1 Principal - 61 pipes
 Positiv 8 Quintflöte - 61 pipes
 Positiv 4 Nachthorn - 61 pipes
 Positiv 2 Principal - 61 pipes
 Positiv 1-1/3 Larigot - 61 pipes
 Positiv 1 Siffelöte - 61 pipes
 Positiv II Sesquialtera - 122 pipes
 Pedal 4 Octavin - 44 pipes
 Pedal 8 Fagot #1-12 incl. - 12 pipes

Revoice the following existing pipes -

Solo 8 Harmonic Flute - 61 pipes
 Solo 8 English Horn - 73 pipes
 Solo 8 Cornopean - 73 pipes
 Pedal-Gallery 8 Holzflöte (present Melodia) - 56 pipes
 Choir 61 Bassoon #1-#12 incl. - 12 pipes

ZYMBELSTERN

Install new Zymbelstern

CABLES

Install new asbestos cables between console and new Gallery Organ location.

BLOWER

Install new 10 H.P. Blower with Blower Reservoir to be used in conjunction with present tower blower.

REMOTE CONTROL
COMBINATION
ACTION

Rework remote control combination action and make additions
as required to conform with revised specification.

GENERAL

Present Great, Solo and part of Chancel Pedal Organ divisions
to be returned to factory of M. P. Moller, Inc. at Hagerstown,
Maryland for rebuilding for new location on gallery of church.

Present Console to be returned to factory of M. P. Moller, Inc.
for rebuilding.

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SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE

FITCH

CC to Ch, 61 notes
CCC to G, 32 notes
Gallery Gr. 4-1/2", Tow. 7", So. 10", Gall.Ped. 5", 7", 12" & 15".
Chan. Gr. 5", Sw. 5" & 7", Ch. 5", Pos. 2-3/4", Chan.Ped. 5"
A-440 @ 70°F

12-14

6 642
c 512

Left Hand

GREAT ORGAN - Gallery - Unenclosed 13

1	16	Violone.....	present pipes, present action.....	61 Pipes
2	8	Diapason.....	present Second Diapason pipes, present action.....	61 Pipes
3	8	Bourdon.....	new pipes, present First Diapason action....	61 Pipes
4	8	Gemshorn.....	present pipes, present action.....	61 Pipes
5	4	Octave.....	present pipes, present action.....	61 Pipes
6	4	Principal.....	present pipes, present action.....	61 Pipes
7	4	Flute Ouverte.....	present pipes, present action.....	61 Pipes
8	2-2/3	Twelfth.....	present pipes, present action.....	61 Pipes
9	2	Fifteenth.....	present pipes, present action.....	61 Pipes
10	2	Blockflöte.....	new pipes, present Harmonic Flute action....	61 Pipes
11	V Rks.	Harmonics.....	present pipes, present action.....	305 Pipes
12	III Rks.	Kleine Mixture.....	new pipes, present Clarabella action.....	183 Pipes
13	8	Trompette (Tower).....	from #30.....	73 Notes
14	4	Trompette (Tower).....	from #32.....	73 Notes

16-18

TOWER ORGAN - Gallery 13

15	16	Contra Salicional...	present pipes, present action.....	73 Pipes
16	8	Montre.....	present 8 Principal pipes 1-12 incl. present 4 Gemshorn pipes 1-61 incl. present Principal action.....	73 Pipes
17	8	Rohrflöte.....	new pipes, present Melodia action.....	73 Pipes
18	8	Vox Angelica.....	present pipes, present action.....	73 Pipes
19	8	Vox Celeste.....	present pipes, present action.....	73 Pipes
20	8	Quintadena.....	present pipes, present action.....	73 Pipes
21	8	Quintadena Celeste..	present pipes, present action.....	73 Pipes
22	8	Viole.....	present pipes, present action.....	73 Pipes
23	8	Viole Celeste.....	present pipes, present action.....	73 Pipes
24	4	Chimney Flute.....	present pipes, present action.....	73 Pipes

TOWER ORGAN - Gallery (cont'd)

25	4	Prestant.....	present 8 Principal pipes 13-73 incl.	
			new top octave pipes, present Gemshorn action.....	73 Pipes
26	4	Gamba.....	from #18.....	61 Notes
27	4	Viole.....	from #22.....	61 Notes
28	2	Doublette.....	present pipes, present action.....	61 Pipes
29	III Rks.	Mixture.....	present pipes, present action.....	183 Pipes
30	8	Trompette.....	present pipes, present action.....	73 Pipes
31	8	Cor d'Amour.....	present pipes, present action.....	73 Pipes
32	4	Clarion.....	present pipes, present action.....	73 Pipes
33		Tremulant		1234
		^{sub} Super		

14-14 SOLO ORGAN - Gallery 17

34	8	Spitzflöte.....	new pipes, new action.....	73 Pipes
35	8	Harmonic Flute.....	present Great Harmonic Flute pipes 1-61 incl.	
			new top octave pipes, new action.....	73 Pipes
36	8	Gamba.....	present pipes, present action.....	73 Pipes
37	8	Gamba Celeste.....	present pipes, present action.....	73 Pipes
38	4	Octave.....	new pipes, new action.....	73 Pipes
39	4	Flute.....	present pipes, present action.....	73 Pipes
40	IV Rks.	Diapason Chorus....	present pipes, present action.....	292 Pipes
41	16	Trombone.....	present pipes, present action.....	73 Pipes
42	8	French Horn.....	present pipes, present action.....	73 Pipes
43	8	English Horn.....	present pipes, present action.....	73 Pipes
44	8	Cornopean.....	present Swell Cornopean pipes, new action...	73 Pipes
45	8	Trompette Harmonique..	new pipes, new action.....	73 Pipes
46	8	Tromba.....	present pipes, present action.....	73 Pipes
47	4	Clarion.....	present pipes, present action.....	73 Pipes
* 48		Chimes (Tower).....	from #80.....	21 Notes
49		Tremulant		1241
		^{Super}		

(*) Not affected by dual organ control or couplers

7-20 ** PEDAL ORGAN - Gallery 11

50	16	Wood Diapason.....	present pipes, new action #1-#4 incl.	
			& #30 & 32, present action #5-#29 incl.	
			& 31.....	32 Pipes
51	16	Diapason (Tower)....	present pipes, present action.....	44 Pipes
52	16	Violone.....	from #1.....	32 Notes
53	16	Salicional (Tower)...	from #15.....	32 Notes
54	16	Bourdon (Tower)....	present pipes, present action.....	56 Pipes
55	8	Octave (Tower).....	from #51.....	32 Notes
56	8	Principal.....	present Gt. Diap. I pipes, 1-44 incl.	
			present action 1-12 incl. new action 13-44	
			incl.....	44 Pipes
57	8	Holzflöte.....	present Tower Melodia pipes, new action....	56 Pipes
58	8	Gedeckt (Tower)....	from #54.....	32 Notes
59	8	Rohrflöte (Tower)...	from #17.....	32 Notes
60	4	Choral Bass.....	from #56.....	32 Notes
61	4	Flute (Tower).....	from #54.....	32 Notes
62	2	Waldflöte.....	from #57.....	32 Notes
63	V Rks.	Mixture.....	present pipes, present action.....	160 Pipes

** PEDAL ORGAN - Gallery (cont'd)

65	16	Bombarde.....	present pipes, present action.....	56 Pipes
66	16	Trombone (Solo).....	from #41.....	32 Notes
67	8	Tromba (Solo).....	from #41.....	32 Notes
68	8	Trumpet.....	from #65.....	32 Notes
69	4	Clarion.....	from #65.....	32 Notes
70		Chimes (Tower).....	from #80....Wire 10-30.....	21 Notes
71		Blank Stop Control		
72		Blank Stop Control		448
73		Blank Stop Control		

(*) Not affected by dual organ control & couplers
(**) Stops #51, 53, 54, 55, 58, 59, 61, 70 to play thru present pedal relay and switches.

All other stops to play thru new pedal relay and switches

2-6 GREAT ORGAN - ^{Right Hand} Chancel 2

74	8	Diapason...	present Open Diapason pipes, present action.....	73 Pipes
75	8	Gedeckt.....	from #84.....	73 Notes
76	8	Spitzflöte.....	from #87.....	73 Notes
77	8	Flute Celeste.....	from #88.....	73 Notes
78	4	Flute Triangulaire..	from #92.....	73 Notes
79	8	Schalmei.....	new pipes, present Cornopean action.....	73 Pipes
80		Chimes (Tower).....	present tubes and action (located in tower organ expression)	21 Tubes
81		^{Super} Tremulant		146

(*) Not affected by dual organ control & couplers

20-21 SWELL ORGAN - Chancel 23

82	16	Flute Conique.....	present pipes, present action.....	73 Pipes
83	8	Geigen.....	present Geigen Principal pipes, present action.....	73 Pipes
84	8	Gedeckt.....	present pipes, present action.....	73 Pipes
85	8	Salicional.....	present pipes, present action.....	73 Pipes
86	8	Vox Celeste.....	present pipes, present action.....	73 Pipes
87	8	Spitzflöte.....	present pipes, present action.....	73 Pipes
88	8	Flute Celeste.....	present pipes, present action.....	73 Pipes
89	8	Dulciana.....	present pipes, present action.....	73 Pipes
90	8	Unda Maris.....	present pipes, present action.....	73 Pipes
91	4	Octave.....	present pipes, present action.....	73 Pipes
92	4	Flute Triangulaire..	present pipes, present action.....	73 Pipes
93	4	Unda Maris II.....	from #89 & #90.....	61 Notes
94	2-2/3	Nazard.....	present pipes, present action.....	61 Pipes
95	2	Flautino.....	present pipes, present action.....	61 Pipes
96	1-3/5	Tierce.....	present pipes, present action.....	61 Pipes
97	IV Rks.	Mixture.....	present pipes, present action.....	244 Pipes
98	16	Waldhorn.....	present pipes, present action.....	73 Pipes
99	8	Trumpet.....	present pipes, present action.....	73 Pipes

SWELL ORGAN - Chancel (cont'd)

100	8	Oboe.....present pipes, present action.....	73 Pipes
101	4	Fagot.....new pipes, present Vox Humana action.....	61 Pipes
102	4	Clarion.....present pipes, present action.....	73 Pipes
103		Tremulant <i>Sub</i> <i>Super</i>	1583

15-17 CHOIR ORGAN - Chancel 15

104	16	Dulciana.....present pipes, present action.....	97 Pipes
105	8	English Diapason....present pipes, present action.....	73 Pipes
106	8	Concert Flute.....present pipes, present action.....	73 Pipes
107	8	Erzahler.....present pipes, present action.....	73 Pipes
108	8	Erzahler Celeste....present Erzahler Celeste pipes & action....	73 Pipes
109	8	Dulciana.....from #104.....	73 Notes
110	4	Gemshorn.....present pipes, present action.....	73 Pipes
111	4	Flute d'Amour.....present pipes, present action.....	73 Pipes
112	4	Dulcet.....from #104.....	73 Notes
113	2-2/3	Quintadena Nazard...present pipes, present action.....	61 Pipes
114	2	Piccolo.....present pipes, present action.....	61 Pipes
115	1-3/5	Tierce.....present pipes, present action.....	61 Pipes
116	1-1/3	Larigot.....present pipes, present action.....	61 Pipes
117	1	Principal.....new pipes, present 22nd action.....	61 Pipes
118	16	Bassoon.....present pipes, present action.....	73 Pipes
119	8	Trompette.....present pipes, present action.....	73 Pipes
120	8	Clarinet.....present pipes, present action.....	73 Pipes
121	4	Celesta.....present Deagan bars, present action.....	61 Bars
122		Tremulant <i>Sub</i> <i>Super</i>	1059

6-6 POSITIV ORGAN - Chancel - Exposed 7

123	8	Quintflöte.....new pipes, new action.....	61 Pipes
124	4	Nachthorn.....new pipes, new action.....	61 Pipes
125	2	Principal.....new pipes, new action.....	61 Pipes
126	1-1/3	Larigot.....new pipes, new action.....	61 Pipes
127	1	Sifflöte.....new pipes, new action.....	61 Pipes
128	II Rks.	Sesquialtera.....new pipes, new action.....	122 Pipes

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4-17 *** PEDAL ORGAN - Chancel 4

129	32	Bourdon...present pipes, new action 1-4 incl. 16-21 incl. & #41-68 incl. present action 5-15 & 22-40 incl.....	68 Pipes
130	16	Principal.....present pipes, present action.....	44 Pipes
131	16	Bourdon.....from #129.....	32 Notes
132	16	Conique (Swell)....from #82.....	32 Notes
133	16	Dulciana (Choir)....from #104.....	32 Notes
134	10-2/3	Quint (Swell).....from #82.....	32 Notes
135	8	Principal.....from #130.....	32 Notes
136	8	Conique (Swell)....from #82.....	32 Notes
137	8	Dulciana (Choir)....from #104.....	32 Notes
138	4	Octavin.....new pipes, new action.....	44 Pipes

*** PEDAL ORGAN - Chancel (cont'd)

139	4	Flute.....from #129.....	32 Notes
140	8	Claribel.....present pipes, new action.....	32 Pipes
141	2	Super Octave.....from #138.....	32 Notes
142	16	Waldhorn (Swell)....from #98.....	32 Notes
143	16	Bassoon (Choir)....from #118.....	32 Notes
144	8	Fagot (Swell).....#1-#12 incl new pipes, present Sw. Vox	
		Humana action 20 from #101.....	32 Notes
145	4	Fagot (Swell).....from #101.....	32 Notes

(***) To play thru present pedal relay. Provide new switches for stops #144 and #145.

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COUPLERS

146	Gallery Great to Pedal	8	165	Swell to Choir	16
147	Chancel Great to Pedal	8	166	Swell to Choir	8
148	Swell to Pedal	8	167	Swell to Choir	4
149	Swell to Pedal	4	168	Solo to Choir	8
150	Choir to Pedal	8	169	Solo to Tower	8
151	Choir to Pedal	4	170	Solo to Tower	4
152	Solo to Pedal	8	* 171	Zimbelstern	
153	Positiv to Pedal	8	172	Positiv to Great	
154	Tower to Pedal	8	173	Chancel Great	4
155	Tower to Pedal	4	174	Swell	16
156	Swell to Great	16	175	Swell	4
157	Swell to Great	8	176	Positiv to Choir	
158	Swell to Great	4	177	Choir	16
159	Choir to Great	16	178	Choir	4
160	Choir to Great	8	179	Tower	16
161	Choir to Great	4	180	Tower	4
162	Solo to Great	8	181	Positiv to Solo	
163	Tower to Great	8	182	Solo	4
164	Tower to Great	4			

(*) Not to be affected by combinations except general cancel piston.

ADJUSTABLE COMBINATIONS
Remote Control

Pistons No. 1-2-3-4-5-6	Affecting Solo Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell Stops and Chancel Pedal Stops
Pistons No. 1-2-3-4-5-6	Affecting Gallery Great Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Choir Stops
Pistons No. 1-2-3	Affecting Chancel Great Stops
Pistons No. 1-2-3	Affecting Positiv Stops
Pistons No. 1-2-3-4-5-6	Affecting Tower Stops and Gallery Pedal Stops

(cont'd next sheet)