

M. P. MÖLLER Organ Factory

4-51

Pipe Organ No. R-980 Date July 15, 1977
 For FIRST BAPTIST CHURCH, PITTSFIELD, MASSACHUSETTS
 Action Electro-Pneumatic Console Detached - Roll top
 Casing No. Present grilles Finish To customer's sample
 Decorations None Motor Present 10 H.P., Style 4 KZM
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals FOUR AND PEDAL Wind Pressure 4 1/2" 3" 3 1/2" 7"
 To be Completed As scheduled Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR
 REBUILDING AND CHANGING TONALLY
 PRESENT MOLLER ORGAN OPUS 5749 - 1930
 (Except Echo Organ)

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

MANUAL CHESTS Recover 2379 manual pipe pouches.
 Replace 2399 stop action checks and eyelets.
 Replace duplex shifters required.
 Recover three 73 note and two 61 note primary stations, and install new magnet armatures.
 Recover 38 stop action primaries and install new magnet armatures.
 Recover pedal primaries and install new magnet armatures for
 16 Principal, 16 Lieblich Gedeckt, 8 Quintadena, 4 Gedeckt and
 16 Contra Fagotto.
 Rework and/or provide new toeboard/rackboard assemblies as required for tonal changes.

OFFSET & UNIT ACTIONS Recover the following actions and install new magnet armatures:

Great 8 Principal	8 notes
Great 16 Contre Trompete	73 notes
Great 8 Tuba	61 notes
Swell 16 Lieblich Gedeckt	12 notes
Swell 16 Contra Fagotto	12 notes
Swell 4 Schalmei	73 notes
<i>Swell 8 Principal</i>	<i>8 notes</i>

HARP Recover present Harp action and install new magnet armatures.

~~CONTACT BOXES Recover one 61 note contact box and install new silver wire contact blocks.~~

SWITCHES

Supply new
Recover electro-pneumatic switches ~~and~~ stop actions, and *diodes* install
~~new magnet armatures for the following:~~

GREAT ORGAN

8	Principal	8 notes
16	Contre Trompete	61 notes
8	Tuba	61 notes
8	Trompete	61 notes
	Chimes	25 notes
	"A" station cutout	61 notes
	"B" station cutout	61 notes
<i>II</i>	<i>Sesquialtera</i>	<i>37 notes</i>

SWELL ORGAN

16	Liebllich Gedeckt	<i>32</i> notes
16	Contra Fagotto	32 notes
8	Oboe	<i>32</i> notes
4	Schalmei	73 notes
	"A" station cutout	73 notes
	"B" station cutout	73 notes
<i>8</i>	<i>Quintadena</i>	<i>32 notes</i>
<i>8</i>	<i>Gedeckt</i>	<i>44 notes</i>

CHOIR ORGAN

	Harp	49 notes
	Celesta	<i>61</i> notes
	Chimes	25 notes
	Station cutout	73 notes

PEDAL ORGAN

Recover the following actions and install new magnet armatures:

16	Principal	13 notes
16	Bourdon	44 notes
8	Octave	44 notes

Install new action for 8 Octave #45 - 68.

Install new 32 note pedal relay with necessary switches.

EXPRESSION

Recover expression actions and install new magnet armatures.
Recover bumper pneumatics. (only)
Replace shade jacks and connecting rods.
Refelt shades.

RESERVOIRS

Recover the following reservoirs and install new curtain valves as required:

Two 3'-0" x 5'-0" manual
One 3'-0" x 4'-0" manual
One 2'-0" x 4'-0" manual
One 1'-6" x 2'-0" pedal
Two 1'-4" x 1'-9" pedal
Three expression
One harp
One 4'-0" x 4'-0" blower

TREMOLOS Install new electro-pneumatic tremolos for Swell and Choir organs.

PIPES Install the following new pipes:

GREAT ORGAN

8	Principal	61 pipes
8	Rohrflöte	49 pipes (#13-61)
8	Gemshorn	61 pipes
4	Octave	61 pipes
2	Super Octave	61 pipes
2	Blockflöte	61 pipes
II	Sesquialtera	122 pipes
IV-III-V	Fourniture	232 244 pipes
16	Contre Trompete	73 pipes

SWELL ORGAN

4	Prestant	73 pipes
III- IV -V	Mixture	232 220 pipes

CHOIR ORGAN

4	Spitzprincipal	73 pipes
2	Waldflöte	61 pipes
1-1/3	Larigot	61 pipes

Revoice all pipes being reused.
 Repack all wood pipe stoppers.

CABLES Reuse present cables and action current wires without change.

ACTION CURRENT Reuse present 10-15 Volts, _____ amperes DC organ power unit without change.

BLOWER Reuse present 10 H.P., Style 4 KZM motor and blower without change.
 Install new motor-blower coupling leathers.
 Install new 14" diameter flexible connection with draw bands.

GENERAL All parts specified above to be rebuilt to be returned to the factory of M. P. Müller, Inc. at Hagerstown, Maryland with the exception of 16 Principal #1-12 pipes.

All parts from present instrument not required to complete this program become the property of M. P. Müller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 notes

CC2 to G, 32 notes

Dr. Ch. & Ped. 3", Sw. 3 1/2", Tuba 7"

A-440 @ 70°F

GREAT ORGAN - Enclosed 16

1	8	Principal.....new pipes; present 8 Open Diapason action....61 pipes
2	8	Rohrflöte.....#1-12 present Doppel Floete pipes, #13-61 new pipes; present Doppel Floete action.....61 pipes
3	8	Gemshorn.....new pipes; present Melodia action.....61 pipes
4	4	Octave.....new pipes; present action.....61 pipes
5	4	Flute Traverso....present pipes and action.....61 pipes
6	2	Super Octave.....new pipes; present action.....61 pipes
7	2	Blockflöte.....new pipes; present Twelfth action.....61 pipes
8	II	Sesquialtera.....new pipes; present Viole d'Gamba action.....122 pipes
9	IV III V	Fourniture.....new pipes; present Mixture action..... 232 ²⁴⁴ pipes
10	16	Contre Trompette...new pipes; present French Horn action.....73 pipes
11	8	Tuba.....present Tuba Profunda pipes and action #13-73.....61 pipes
12	8	Trompettefrom #10.....61 notes
13		Chimesfrom #51.....25 notes
14		Tremolo

SWELL ORGAN 19

15	16	Lieblich Gedeckt...present pipes and action.....73 pipes
16	8	Principal.....present Choir English Open Diapason pipes; present Open Diapason action.....73 pipes
17	8	Gedecktpresent Stopped Diapason pipes and action....73 pipes
18	8	Quintadena.....present pipes and action.....73 pipes
19	8	Salicional.....present pipes rescaled; present action.....73 pipes
20	8	Voix Céleste TC...present pipes rescaled; present action.....61 pipes
21	8	Dolce.....present pipes and action.....73 pipes
22	4	Prestantnew pipes; present Viole d'Orchestra action..73 pipes
23	4	Fugara.....present pipes and action.....73 pipes
24	4	Flute Harmonique...present pipes and action.....73 pipes
25	2	Flautinapresent pipes and action.....61 pipes
26	III- IV V	Mixture.....new pipes; present III Mixture action..... 232 ²²⁰ pipes
27	16	Contra Fagotto....present Fagotto pipes and action.....85 pipes
28	8	Trompette.....present pipes (M-8588); present Cornopean action.....61 pipes
29	8	Oboe.....from #27.....73 notes
30	4	Schalmei.....present pipes (M-9041); present Vox Humana action73 pipes
31		Tremolo

CHOIR ORGAN - Enclosed 8

32	8	Concert Flute.....present pipes and action.....	73 pipes
33	8	Dulcianapresent pipes and action.....	73 pipes
34	8	Unda Maris TC.....present pipes and action.....	61 pipes
35	4	Spitzprincipal.....new pipes; present Eng. Open Diapason action.....	73 pipes
36	4	Flute D'Amour.....present pipes and action.....	73 pipes
37	2	Waldflöte.....new pipes, present Cor Anglais action.....	61 pipes
38	1-1/3	Larigot.....new pipes; present Violin action.....	61 pipes
39	8	Clarinetpresent pipes and action.....	73 pipes
40	8	Harp TCpresent bars and action.....	49 bars
41	4	Celestafrom #40.....	49 notes
42		Chimes.....from #51.....	25 notes
43		Tremolo	

ECHO ORGAN - Enclosed 5
(No Change)

44	8	Echo Flute.....	73 pipes
45	8	Muted Viole	73 pipes
46	8	Viole Celeste TC	61 pipes
47	8	Vox Angelica.....	73 pipes
48	4	Flutefrom #44.....	61 notes
49	4	Violina.....from #47.....	61 notes
50	8	Vox Humana.....	61 pipes
51		Chimes.....	25 tubes
52		Tremolo	

* PEDAL ORGAN 3

53	16	Principal.....present Great 16 Open Diapason pipes and action.....	32 pipes
54	16	Bourdon.....present pipes and action.....	44 pipes
55	16	Lieblich Gedeckt.....from #15.....	32 notes
56	10-2/3	Quint.....from #54.....	32 notes
57	8	Octave.....present pipes to be determined; present Pedal 16 Open Diapason action #1-44; new action #45-68.....	68 pipes
58	8	Bourdonfrom #54.....	32 notes
59	8	Quintadena.....from #18.....	32 notes
60	4	Super Octave.....from #57.....	32 notes
61	4	Gedeckt.....from #17.....	32 notes
62	III	Mixture.....from #57.....	32 notes
63	16	Contra Trompetefrom #10.....	32 notes
64	16	Contra Fagottofrom #27.....	32 notes
65	8	Trompete.....from #10.....	32 notes
66	4	Klarinefrom #10.....	32 notes

(*) Pedal Organ playable thru new relays and switches

COUPLERS

67	Great to Pedal	82	Great 16
68	Swell to Pedal	83	Great Unison Off
69	Swell to Pedal 4	84	Great 4
70	Choir to Pedal	85	Swell 16
71	Echo to Pedal	86	Swell Unison Off
72	Swell to Great 16	87	Swell 4
73	Swell to Great	88	Choir 16
74	Swell to Great 4	89	Choir Unison Off
75	Choir to Great 16	90	Choir 4
76	Choir to Great	91	Echo Unison Off
77	Choir to Great 4	92	Echo 4
78	Echo to Great		
79	Swell to Choir 16		
80	Swell to Choir		
81	Swell to Choir 4		

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6	Affecting Great
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell
Pistons No. 1-2-3-4-5-6	Affecting Choir
Pistons No. 1-2-3-4	Affecting Echo
Toe Studs No. 1-2-3-4-5-6	Affecting Pedal
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ
General Cancel	

REVERSIBLES

Great to Pedal - manual piston and toe stud
 Swell to Pedal - manual piston and toe stud
 Choir to Pedal - manual piston and toe stud
 Sforzando - manual piston and toe stud with indicator light (red jewel)
 All Swells to Swell - toe stud with indicator light (white jewel)

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (20 contacts, *regular* system)
 Balanced Expression Pedal - Swell Organ (20 contacts, *regular* system)
 Balanced Expression Pedal - Choir Organ (15 contacts, *regular* system)
 Balanced Expression Pedal - Echo Organ (12 contacts, *regular* system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf
 Transparent music rack with light
 Pedal light
~~Motor starter switch~~
 Present motor and blower
 Present DC organ power unit