

M. P. MÖLLER Organ Factory

4-41

Pipe Organ No. R-929 Date May 22, 1974
 For GRACE COVENANT PRESBYTERIAN CHURCH, RICHMOND, VIRGINIA
 Action Electro-Pneumatic Console Detached - No roll top
 Casing No. No change Finish To customer's sample
 Decorations No change Motor Present 10 H.P. Spencer
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting
 No. Manuals FOUR AND PEDAL Wind Pressure 5" Swell, 4 1/8" Great Choir & Pedal - 4" 4 1/2" 5 1/4"
 To be Completed July 1, 1975 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY AND ADDING TO PRESENT
 E. M. SKINNER OPUS 366 - 1924, MÖLLER R-472 - 1953

CONSOLE

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

MANUAL CHESTS

Recover 1998 manual pipe pouches.
 Install 1808 new stop action checks and eyelets.
 Recover two 61 note and three 73 note primary stations and install new outside type magnets.
 Recover Swell Fagotto and Choir Spitzprinzipal units and install new outside type magnets.
 Recover 16 Contra Viol pedal primary #13-44 and install new outside type magnets.
 Recover 28 stop action primaries and install new outside type magnets.
 Rework and/or provide new toeboard/rackboard assemblies as required for tonal changes.

OFFSET ACTIONS

Recover Great 16 Bourdon action #1-61 and install new outside type magnets.
 Recover Swell 16 Contre Viol action #1-12 and install new outside type magnets.
 Recover Choir 2-2/3 Nazard action #1-61 and install new magnet plugs and armatures.

Recover the following actions:

GREAT ORGAN

8	Principal	#1-12
8	Metal Bourdon	#1-12
2	Blockflöte	#1-10
II	Sesquialtera	#1-12

GT	9
SW	18
CU	12
SV	10
AN	7
Ped	14

OFFSET ACTIONS (continued)

SWELL ORGAN

8	Gedeckt	#1-8
8	Salicional	#1-6
8	Voix Celeste	#1-6
8	Flauto Dolce	#1-12
8	Trompette	#1-12

CHOIR ORGAN

8	Rohrflöte	#1-10
8	Gemshorn	#1-12
4	Spitzprinzipal	#1-6

SOLO ORGAN

8	Gamba	#1-5
8	Gamba Celeste	#1-5

CHIMES

Reuse present chimes, provide new electric action

SWITCHES

Install new electro-pneumatic switches with stop actions for the followings:

Great 16 Bourdon	#1-61
Great Station Cutout	#1-61
Swell 16 Centre Viol	#1-44
Swell 16 Fagotto	#1-73
Swell 8 Oboe	#1-61
Swell "A" Station Cutout	#1-73
Swell "B" Station Cutout	#1-73
Choir 4 Spitzprinzipal	#1-61
Choir 2-2/3 Nazard	#1-61
Choir 2 Spitzoctave	#1-61
Choir Station Cutout	#1-61
Solo Chimes	#1-25
Solo Station Cutout	#1-73
Antiphonal Station Cutout	#1-73

PEDAL ORGAN

Install new action for II Rauschquint - 88 pipes.
 Recover 16 Contrebasse action #1-32 and install new outside type magnets.
 Recover 8 Principal action #1-44 and install new magnet plugs and armatures.
 Recover 16 Posaune action #1-44 and install new outside type magnets.
 Install new 32 note relay with necessary switches.

EXPRESSION

Recover 30 notes (Swell) expression action and install new magnet plugs and armatures.
 Recover 30 shade pneumatics.
 Install 30 shade jacks and connecting rods.
 Recover 2 whiffletree shade actions (Choir and Solo) and install new outside type magnets.

RESERVOIRS

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

One 3'-0" x 5'-0" manual
 Two 2'-6" x 4'-0" manual
 One 2'-6" x 4'-0" offset
 One 2'-6" x 3'-0" offset
 One 2'-0" x 3'-6" offset
 One 2'-0" x 3'-0" offset
 One 1'-6" x 2'-6" offset
 One 1'-6" x 2'-6" expression
 Miscellaneous concussions

TREMOLOS

Recover three tremolo actions and install new outside type magnets.

PIPES

Install the following new pipes:

GREAT ORGAN

8	Principal	61 pipes
4	Octave	61 pipes
2	Blockflute	61 pipes
II	Sesquialtera	122 pipes
III - IV	Furniture	219 244 pipes

SWELL ORGAN

4	Prestant	61 pipes
2	Principal	61 pipes
II-IV III	Scharf	208 183 pipes
16	Fagotto (1/2 length)	73 pipes
8	Trompette	73 pipes
4	Clairon	73 pipes

CHOIR ORGAN

8	Rohrflute	61 pipes
4	Spitzprinzipal	73 pipes
1-3/5	Tierce	61 pipes

PEDAL ORGAN

8	Principal	44 pipes
II	Rauschquint	88 pipes

PIPES.

(continued)

Revoice the following pipes:

Choir 8 Clarinet	61 pipes
Solo 8 English Horn	73 pipes
Solo 8 French Horn	73 pipes
Solo 8 Tuba Mirabilis	73 pipes
Pedal 16 Posaune	44 pipes
Flue pipes being reused	

Repack all wood pipe stoppers.

CABLES

Install new plastic covered cables between console and main organ.

Install new action current wires between console, main organ and power unit.

Reuse present cables and action current wires between console and antiphonal organ.

ACTION CURRENT

Reuse present 10-15 Volts, 100 amperes DC organ power unit without change.

BLOWER

Reuse present 10 H.P. Spencer motor and blower without change.

Install new 8" and 15" diameter flexible connections with draw bands.

GENERAL

All parts specified above to be rebuilt to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Md. All parts from present instrument not required to complete this program become the property of M. P. Müller, Inc. Upon completion this organ will consist of original Skinner or Müller materials.

NOTE

Antiphonal Organ is not included in rebuilding program, however, is to be connected to new console.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 notes

CCC to G, 32 notes

~~Great Swell, Choir & Pedal 4"~~, Solo 10" and 15", Antiphonal 7 3/4"
A-440 @ 70°F

Great 5", Swell 4 7/8", Choir 4", Pedal 4", 4 1/2" + 5 1/4"

GREAT ORGAN - Manual II 11
Unenclosed

1	16	Bourdon.....	present pipes and action.....	61	pipes
2	8	Principal.....	new pipes; present Diapason action.....	61	pipes
3	8	Metal Bourdon.....	present pipes and action.....	61	pipes
4	4	Octave	new pipes; present action.....	61	pipes
5	2	Blockflöte.....	new pipes; present Gemshorn action.....	61	pipes
6	II	Sesquialtera.....	new pipes; present Flute action.....	122	pipes
7	III-IV	Furniture.....	new pipes; present Harmonic Flute action.....	244	pipes

SWELL ORGAN - Manual III 16
Enclosed

8	16	Contre Viol.....	present pipes and action.....	73	pipes
9	8	Gedeckt.....	present pipes and action.....	73	pipes
10	8	Salicional.....	present pipes and action.....	73	pipes
11	8	Voix Celeste.....	present pipes and action.....	73	pipes
12	8	Flauto Dolce	present pipes and action.....	73	pipes
13	8	Flauto Dolce Celeste T.C.....	present pipes and action.....	61	pipes
14	4	Prestant.....	new pipes; present Violin Diapason action.....	61	pipes
15	4	Flute Harmonique.....	present pipes and action.....	61	pipes
16	2	Principal.....	new pipes; present Fifteenth action.....	61	pipes
17	II-IV	Scharf.....	new pipes; present action.....	308	100 pipes
18	16	Fagotto.....	new pipes; present Ophicleide action.....	73	pipes
19	8	Trompette.....	new pipes; present Diapason action.....	73	pipes
20	8	Oboe	from #18.....	61	notes
21	4	Clairon.....	new pipes; present Oboe action.....	73	pipes
22		Tremolo			

CHOIR ORGAN - Manual I 7
Enclosed

23	8	Rohrflöte.....	new pipes; present Diapason action.....	61	pipes
24	8	Gemshorn.....	present Great Gemshorn pipes; present Concert Flute action.....	61	pipes
25	4	Koppelflöte.....	present pipes and action.....	61	pipes
26	4	Spitzprinzipal.....	new pipes; present Dulciana action.....	73	pipes
27	2-2/3	Hazard	present pipes and action.....	61	pipes
28	2	Spitzoctave.....	from #26.....	61	notes
29	1-3/5	Tierce.....	new pipes; present Piccolo action.....	61	pipes
30	8	Clarinet.....	present pipes and action.....	61	pipes
31		Tremolo			

SOLO ORGAN - Manual IV 5
Enclosed

32	8	Gamba.....present pipes and action.....	73 pipes
33	8	Gamba Celeste.....present pipes and action.....	73 pipes
34	8	English Horn.....present pipes and action.....	73 pipes
35	8	French Horn.....present pipes and action.....	73 pipes
36	8	Tuba Mirabilis.....present pipes and action.....	73 pipes
37		Chimes.....present tubes; new Mayland action transformer, volume control and relays.....	25 tubes
38		Tremolo	

ANTIPHONAL ORGAN - Manual IV 5
Enclosed

REUSE WITHOUT CHANGE

39	8	Rohrflöte.....	73 pipes
40	8	Erzähler.....	73 pipes
41	4	Octave.....	61 pipes
42	II	Mixture.....	146 pipes

★ PEDAL ORGAN 5

43	16	Contrebasse.....present Diapason pipes and action.....	32 pipes
44	16	Bourdon.....from #1.....	32 notes
45	16	Contre Viol.....from #8.....	32 notes
46	10-2/3	Quint.....from #1.....	32 notes
47	8	Principal.....new pipes; present Octave action.....	44 pipes
48	8	Bourdon.....from #1.....	32 notes
49	8	Viol.....from #8.....	32 notes
50	4	Octave.....from #47.....	32 notes
51	4	Bourdon.....from #1.....	32 notes
52	II	Rauschquint.....new pipes and action.....	88 pipes
53	II	Rauschpfeife.....from #52.....	32 notes
54	IV	Grand Cornet.....	32 notes
55	16	Posaune.....present Tromba pipes and action.....	44 pipes
56	8	Posaune.....from #55.....	32 notes

(*) Pedal Organ playable thru new relays and switches

COUPLERS

57	Great to Pedal	79	Swell to Choir 16
58	Swell to Pedal	80	Swell to Choir
59	Swell to Pedal 4	81	Swell to Choir 4
60	Choir to Pedal	82	Solo to Choir 16
61	Solo to Pedal	83	Solo to Choir
62	Solo to Pedal 4	84	Solo to Choir 4
63	Antiphonal to Pedal	85	Great to Solo Choir
64	Swell to Great 16	86	Great Unison Off
65	Swell to Great	87	Great 4
66	Swell to Great 4	88	Swell 16
67	Choir to Great 16	89	Swell Unison Off
68	Choir to Great	90	Swell 4
69	Choir to Great 4	91	Choir 16
70	Solo to Great 16	92	Choir Unison Off
71	Solo to Great	93	Choir 4
72	Solo to Great 4	94	Solo 16
73	Antiphonal to Great 16	95	Solo Unison Off
74	Antiphonal to Great	96	Solo 4
75	Antiphonal to Great 4	97	Antiphonal 16
76	Solo to Swell 16	98	Antiphonal Unison Off
77	Solo to Swell	99	Antiphonal 4
78	Solo to Swell 4		

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6	Affecting Great
Pistons No. 1-2-3-4-5-6	Affecting Swell
Pistons No. 1-2-3-4-5-6	Affecting Choir
Pistons No. 1-2-3-4	Affecting Solo
Pistons No. 1-2-3-4	Affecting Antiphonal
Toe Studs No. 1-2-3-4-5-6	Affecting Pedal
Pistons No. 1-2-3-4-5-6-7-8-9-10	Affecting Full Organ (duplicated by toe studs)
General Cancel	

REVERSIBLES

Great to Pedal - manual piston and toe stud
 Swell to Pedal - manual piston and toe stud (affecting 4' in off movement)
 Choir to Pedal - manual piston and toe stud
 Sforzando - manual piston and toe stud with indicator light (red jewel)
 32' Grand Cornet - toe stud
 All Swells to Swell - manual piston and toe stud with indicator light (blue jewel)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (30 contacts - regular system)
Balanced Expression Pedal - Choir Organ (8 contacts - *Reverse* system)
Balanced Expression Pedal - Solo Organ (8 contacts - *Reverse* system)
Balanced Expression Pedal - Antiphonal Organ (8 contacts - *Reverse* system)
Balanced Crescendo Pedal - Entire Organ with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf *and Reversible Bench Blocks*
Transparent music rack with light
Pedal light
Motor starter switch, key operated
Present motor and blower
Present DC organ power unit

RVK/mr
1/10/75