

File

M. P. MOLLER ORGAN FACTORY

3/50

Pipe Organ No.	<u>R-155</u>	Date	<u>June 15, 1989</u>
For	<u>PEOPLE'S CONGREGATIONAL CHURCH, WASHINGTON, D. C.</u>		
Action	<u>Electro-Pneumatic</u>	Console	<u>Castered - Rolltop</u>
Casing	<u>Paneling for exposed</u>	Finish	<u>To customer's sample</u>
Decoration	<u>None</u>	Motor	<u>Present 5 HP Style 3P3328</u>
Width of Key-bed	<u>Standard</u>	Tracker Touch	<u>Yes</u> <u>X</u> <u>No</u>
Keys to be	<u>Bone and Walnut</u>	Stop Controls	<u>Walnut draw knobs</u> <u>and Maple tilting tablets</u>
No. Manuals	<u>Three and Pedal</u>	Wind Pressure	<u>See scale sheets</u>
To be Completed	<u>March 1, 1991</u>	Blower Pipe Furnished by	<u>Purchaser</u>

SPECIFICATIONS

FOR

REBUILDING WITH TONAL CHANGES AND ADDITIONS

OPUS 9911 - 1964 3/34 38358

(Reengineer for installation in new building)

CONSOLE	Install new three manual, all electric, movable draw knob and tilting tablet console with built-in casters, pedal keyboard and bench.									
PITMAN CHESTS	Recover all manual pipe pouches. Replace stop action checks and eyelets. Recover five 61 note and one 32 note primary stations and install new magnet armatures. Recover stop action primaries and install new magnet armatures. Replace duplex shifters where required. Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.									
OFFSET & UNIT CHEST	Recover the following actions and install new magnet armatures: <table border="0" style="margin-left: 100px;"><tr><td>Great</td><td>16</td><td>Gemshorn</td><td>73 notes</td></tr></table> Install new actions as required for additions.	Great	16	Gemshorn	73 notes					
Great	16	Gemshorn	73 notes							
CHIMES	Install new electric actions. Reuse present bells.									
SWITCHES	Install new solid state switches as required.									
PEDAL ORGAN	Recover the following actions and install new magnet armatures: <table border="0" style="margin-left: 100px;"><tr><td>16</td><td>Subbass</td><td>44 notes</td></tr><tr><td>8</td><td>Octave</td><td>32 notes</td></tr><tr><td>IV</td><td>Rauschquinte</td><td>32 notes</td></tr></table>	16	Subbass	44 notes	8	Octave	32 notes	IV	Rauschquinte	32 notes
16	Subbass	44 notes								
8	Octave	32 notes								
IV	Rauschquinte	32 notes								
EXPRESSION	Install electronic shade actions with trace rods.									

RESERVOIRS

Recover the following reservoirs and install new curtain valves.

One	3-0 x 5-0	manual
One	3-0 x 4-0	manual
Two	3-0 x 3-0	reducer
Two	2-6 x 4-0	manual
One	2-0 x 3-0	pedal
Two	1-6 x 2-6	pedal
One	3-6 x 3-6	blower

TREMOLLO

Install new tremulants for Swell and Positif.

PIPES

Install new pipes as indicated by specifications.
Revoice all flue pipes being reused.
Revoice the following reed pipes:

16	Fagott
16	Basson
8	Trompette
8	Krummhorn (Clarinet quality)

Repack all wood pipe stoppers.

Install slide tuners as required.

CABLES

Install new plastic covered cables between console and organ.

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

ACTION CURRENT

Install new 11-15 volts DC organ power unit of amp capacity.

BLOWER

Reuse present 5 HP, Style 3P3328 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. Moller, Inc. at Hagerstown, Maryland.

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

Entire organ to be regulated with final tone finishing under the supervision of the tonal director of M. P. Moller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE See scale sheets
PITCH A-440 @ 70° F

GREAT ORGAN - Unenclosed ¹³

- | | | |
|------|-------|--|
| 1. | 16 | Gemshorn...#1-32 present Pedal 16 Violone pipes
#33 up new pipes, ^{#1-8} present ^{Violone action, #9-12 new action, #13-13 present} Pedal 16 Violone and Great
16 Quintadena actions ^{#1-4}73 pipes |
| 2. | 8 | Principal...present pipes rescaled and
present action.....61 pipes |
| 3. | 8 | Bordun.....present pipes and action.....61 pipes |
| 4. | 8 | Harmonic Flute...prepared for |
| 5. | 8 | Gemshorn.....from #1.....61 notes |
| 6. | 4 | Octave.....present pipes and action.....61 pipes |
| 7. | 4 | Harmonic Flute...prepared for |
| 8. | 2 2/3 | Quint..present Octave Quinte pipes and action...61 pipes |
| 9. | 2 | Super Octave.....present pipes and action.....61 pipes |
| 10. | III-V | Mixture..present IV Mixtur pipes and action
reformulated with 13 new pipes.....257 pipes |
| 11. | 16 | Fagott...#1-44 present pedal pipes and action;
#45 up new pipes ^{view} and action.....85 pipes |
| 12. | 8 | Trumpet.....from #11.....61 notes |
| 13. | 4 | Clarion.....from #11.....61 notes |
| *14. | 8 | Trompette en Chamade..(#1-12 half length)..
<i>new Satin new</i> Bronze pipes and action.....61 pipes |
| 15. | | Chimes.....from #41.....21 notes |

* Not affected by couplers

SWELL ORGAN - Enclosed ¹⁶

- | | | |
|-----|----|---|
| 16. | 16 | Rohrbass...present Great 16 Quintadena and Swell 8
Rohrbass pipes; new action.....73 pipes |
| 17. | 8 | Rohrflöte.....from #16.....61 notes |
| 18. | 8 | Principal...#1-12 new pipes and action; #13 up
present 4 Prestant ^{rescaled, unity present} pipes and action...73 pipes |
| 19. | 8 | Viole...present Viole de Gambe pipes and action,* 61 pipes |
| 20. | 8 | Viole Celeste GG...present pipes and action,* 54 pipes |
| 21. | 4 | Principal.....from #18.....61 notes |
| 22. | 4 | Nachthorn.....present pipes and action.....61 pipes |
| 23. | 2 | Flachflöte.....present pipes and action.....61 pipes |
| 24. | II | Sesquialtera....new pipes; present 8 Rohrflöte
action.....122 pipes |
| 25. | | Rein Jeu V, 244 present pipes, 61 new pipes . . . 305 pipes |

* 19. add: Add new #13, rescale #14 up 1 note.

* 20. add: Add new #13, rescale #14 up 1 note.

SWELL ORGAN - continued

26.	16	Bassoon...(#1-18 half length)...#1-61 present 16 Bassoon pipes and action unified; #62-73 new pipes and action.....73 pipes
27.	8	Trompette.....present pipes and action.....61 pipes
28.	8	Hautbois.....from #26.....61 notes
29.	4	Clairon...new pipes; present Schalmey action....61 pipes
30.		Tremulant

CHOIR
POSITIF ORGAN - Enclosed 13

31.	8	Holzgedeckt...present Gedackt pipes and action..61 pipes
32.	II	Erzahler Celeste..Unison - present pipes and action ; Celeste - new pipes ^{new} and action.....110 pipes
33.	4	Principal..new pipes; present 8 Erzahler action.61 pipes
34.	4	Koppelflöte.....present pipes and action.....61 pipes
35.	2 2/3	Nazard...#1-12 new pipes and action ; #13 ^{new unit} up present 1-1/3 Larigot ^{new unit} pipes and action unified....73 pipes
36.	2	Oktav.....present Prinzipal pipes and action..61 pipes
37.	1 1/3	Larigot.....from #35...present 1-1/3 Larigot action.....61 notes
38.	III-V	Zimbel.....new pipes, and action244 pipes
39.	8	Krummhorn.....present pipes and action.....61 pipes
40.		Tremulant
41.		Chimes.....present Deagan "D" bells; new electric action, transformer, volume control, and relays, A to F, #22-42.....21 bells
*42.	16	Trompette en Chamade TC...from #14.....49 notes
*43.	8	Trompette en Chamade.....from #14.....61 notes
*44.	4	Trompette en Chamade.....from #14.....61 notes

* Not affected by couplers

** PEDAL ORGAN 8

45.	32	Untersatz.....#1-12 - 16 and 10 2/3 from #47, #13 up from #47.....32 notes
46.	16	Principal (facade)...new pipes and action.....56 pipes
47.	16	Subbass.....present pipes and action.....44 pipes
48.	16	Gemshorn.....from #1.....32 notes
49.	16	Rohrbass.....from #16.....32 notes
50.	8	Octave.....present pipes ^{rescaled} and action.....32 pipes
51.	8	Bourdon.....from #47.....32 notes
52.	8	Rohrflöte.....from #16.....32 notes
53.	4	Choralbass.....from #46.....32 notes
54.	IV	Rauschquinte (2-4).new pipes; present 4 Choralbass ^{new} action.....128 pipes
55.	32	Contre Bombarde (#1-12 half length)..new pipes and action.....68 pipes
56.	16	Bombarde.....from #55.....32 notes
57.	16	Bassoon Fagott....from #26.....32 notes

PEDAL ORGAN - continued

58.	8	Trompette.....from #55.....32 notes
59.	4	Bombarde Clairon...from #55.....32 notes
60.	4	Krummhorn.....from #39.....32 notes

** Pedal Organ playable thru new solid state switches.

COUPLERS

61.	Great to Pedal	72.	Swell to ^{Choir} Positif 16
62.	Swell to Pedal	73.	Swell to Positif Choir
63.	Swell to Pedal 4	74.	Swell to ^{Choir} Positif 4
64.	^{Choir} Positif to Pedal	75.	Great Unison Off
65.	^{Choir} Positif to Pedal 4	76.	Great 4
66.	Swell to Great 16	77.	Swell 16
67.	Swell to Great	78.	Swell Unison Off
68.	Swell to Great 4	79.	Swell 4
69.	^{Choir} Positif to Great 16	80.	^{Choir} Positif 16
70.	^{Choir} Positif to Great	81.	^{Choir} Positif Unison Off
71.	^{Choir} Positif to Great 4	82.	^{Choir} Positif 4

ADJUSTABLE COMBINATIONS

Solid State - Four Memories

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 Positif Choir
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
Combination Adjustor
Memory Selector
Combination Lock

REVERSIBLES

Great to Pedal - manual piston - toe stud
Swell to Pedal - manual piston - toe stud
^{Choir}~~Positif~~ to Pedal - manual piston - toe stud
Tutti - manual piston - toe stud - indicator light
32 Untersatz - toe stud
32 Contre Bombarde - manual piston - toe stud
Zimbelstern - toe stud

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ
Balanced Expression Pedal - ^{Choir}~~Positif~~ Organ
Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack with light
Pedal light
Movable console with built-in casters
Blower motor starter lock switch with indicator light
New console DC power supply
New DC organ power unit
Present motor and blower

Salesmen: R. F. Ellis - John Holland

RVK/k
11/19/90