

M. P. MÖLLER Organ Factory

File

4-56

Pipe Organ No. R-546 Date September 19, 1955
 For NEW JERSEY STATE TEACHERS COLLEGE, MONTCLAIR, N. J.
 Action Electro-Pneumatic Console Detached
 Casing No. None Finish To Customer's Selection
 Decorations None Motor New Motor, Present Blower, New
 Width of Key-bed Standard Stop Controls Draw-Knobs & Tilting Tablets
 No. Manuals Four & Pedal Wind Pressure See Below
 To be Completed December 1, 1956 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 5795 - 1931 4/76 32068
 Ex-Waldorf-Astoria Hotel, New York

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

GREAT ORGAN Releather 647 manual pipe pouches.
 Releather two 61 note primary stations.
 Releather 11 stop action controls.
 Releather 16 Quintaton action #1-#61 inc.
 Releather 8 Principal #1-#12 inc.
 Releather 8 Bourdon #1-#12 inc.
 Releather 25 note Chime action.
 Recover 25 Chime pneumatics & refelt action.
 Install new armatures in all present magnets.
 Install new 61 note relay with the following new switches and stop actions -

16	Quintaton	#1-#61 inc.
8	Principal	#1-#12 inc.
8	Bourdon	#1-#12 inc.
	Chimes	#20-#44 inc.
	Unison	#1-#61 inc.
	Unison	#1-#61 inc.

Recover one 3'-0" x 4'-0" manual reservoir.
 Recover one 2'-0" x 4'-0" offset reservoir.
 Recover present concussion valve and pneumatic.
 Releather present tremolo
 Install the following new pipes -

16	Quintaton	61 Pipes
8	Principal	61 Pipes
8	Bourdon	61 Pipes
4	Koppelflöte	61 Pipes
IV	Furniture	244 Pipes

GREAT ORGAN
(cont'd)

Revoice the following present pipes -

8	Spitzflöte (Gemshorn)	61 Pipes
4	Octave	61 Pipes
2-2/3	Quinte	61 Pipes
2	Octavin	61 Pipes

SWELL ORGAN

Releather 950 manual pipe pouches.

Releather two 73 note primary stations.

Releather one 61 note primary station.

Releather 14 stop action controls.

Releather 16 Gedeckt unit action #1-#85.

Releather 8 Geigen Diapason action #1-#12.

Releather 16 Double Trumpet unit action #1-#73.

Releather 8 Vox Humana action #1-#73.

Install new armatures in all present magnets.

Install new 73 note relay with the following new switches and stop actions -

16	Gedeckt	#1-#73 inc.
8	Diapason	#1-#12 inc.
8	Gedeckt	#1-#73 inc.
16	Double Trumpet	#1-#73 inc.
8	Vox Humana	#1-#73 inc.
	Unison	#1-#73 inc.
	Unison	#1-#73 inc.
	Unison	#1-#61 inc.

Recover the following reservoirs -

Two 3'-0" x 4'-0" manual reservoirs
 One 1'-9" x 4'-0" pedal reservoir
 One 1'-9" x 3'-0" offset reservoir

Recover present concussion valves and pneumatics.

Releather two present tremolos.

Releather present expression action and rework present expression shades to fit new tone opening.

Install the following new pipes -

8	Flauto Dolce	73 Pipes
8	Flute Celeste TC	61 Pipes
4	Flute Triangulaire	73 Pipes
2	Doublette	61 Pipes
III	Cymbal	183 Pipes

Revoice the following reed pipes -

16	Double Trumpet	73 Pipes
8	Trompette	73 Pipes
8	Oboe	73 Pipes
4	Clarion	73 Pipes
8	Vox Humana	73 Pipes

SWELL ORGAN
(cont'd)

Revoice the following flue pipes -

16	Gedeckt	85 Pipes
8	Geigen Principal	73 Pipes
8	Viole	73 Pipes
8	Viole Celeste	73 Pipes
4	Octave Geigen	73 Pipes

CHOIR ORGAN

Releather 792 manual pipe pouches.

Releather two 73 note primary stations.

Install 73 new magnets in one primary station.

Releather 12 stop action controls.

Releather 61 note Harp action.

Recover 61 Harp pneumatics & refelt action.

Install new armatures in all present magnets.

Install new 73 note relay with the following new switches and stop actions

Harp	#1-#61 inc.
Celeste	#1-#61 inc.
Chimes	#20-#44 inc.
Unison	#1-#73 inc.
Unison	#1-#73 inc.

Recover one 3'-0" x 5'-0" manual reservoir.

Recover present concussion valve and pneumatic.

Releather present tremolo.

Releather present expression action and rework present expression shades to fit new tone opening.

Install the following new pipes -

8	Nasonflöte	73 Pipes
4	Prestant	73 Pipes
2	Blockflöte	61 Pipes
1-3/5	Tierce	61 Pipes
III	Zimbel	183 Pipes
8	Krummhorn	73 Pipes

Repair and revoice the following present flue pipes -

8	Dulciana	73 Pipes
8	Unda Maris TC	61 Pipes
4	Chimney Flute	73 Pipes
2-2/3	Nazard	61 Pipes

BOMBARDE ORGAN

Releather 470 manual pipe pouches,
 Releather ^{one} 61 note primary station.
 Releather 8 stop actions & controls.
 Rework chest action to conform with revised specifications.
 Releather 2'-0" x 4'-0" manual reservoir.
 Releather present tremolo.
 Releather present expression action and rework present expression shades to fit new opening.
 Install one 12 note and one 6 note single conductor contact boxes.
 Install the following new pipes -

8	Bombarde	61 Pipes
4	Clarion	61 Pipes
V	Mixture	305 Pipes

Revoice the following present pipes -

8	English Horn	61 Pipes
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PEDAL ORGAN

Releather 16 Violone action #1-#32 inc.
 Releather 16 Bourdon action #1-#56 inc.
 Releather 16 Viole Dolce action #1-#44 inc.
 Releather 8 Principal action #1-#44 inc.
 Releather II Sesquialtera action #1-#32 inc.
 Releather 16 Bombarde action #1-#56 inc.
 Install new armatures in all present magnets.
 Install new 32 note pedal relay with nineteen new 32 note switches & stop actions.
 Install six new pedal reservoirs.
 Install the following new pipes -

II	Sesquialtera	64 Pipes
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Revoice the following existing reed pipes -

16	Bombarde	56 Pipes
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Revoice the following existing flue pipes -

16	Violone	32 Pipes
16	Bourdon	56 Pipes
16	Viole Dolce	44 Pipes
8	Principal	44 Pipes

BLOWER

Factory overhaul present blower and install new 25 HP, 3 Ph, 60 Cy, 1150 RPM motor.

ACTION CURRENT

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

GENERAL

Rework existing organ for installation in the new organ chambers which will be provided by the College according to information supplied by M. P. Moller, Inc.

The entire organ to be returned to Hagerstown, Md. for reworking as specified. All salvage to become the property of M. P. Moller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 notes

CCC to G, 32 notes

Ch. 5", Sw. 8", Bomb. 10", Ped. 6", 8" & 12"
A-440 @ 70° F

GREAT ORGAN (Unenclosed) ¹²

1.	16	Quintaton.....New pipes, present Violone unit action.....	61 Pipes
2.	8	Principal.....New pipes, present Major Diapason action.....	61 Pipes
3.	8	Bourdon.....New pipes, present Minor Diapason action.....	61 Pipes
4.	8	Spitzflöte....Present Gemshorn pipes, present Harmonic Flute action.....	61 Pipes
5.	4	Octave.....Present pipes, present action.....	61 Pipes
6.	4	Koppelflöte...New pipes, present Seventeenth action.....	61 Pipes
7.	2-2/3	Quinte.....Present pipes, present action.....	61 Pipes
8.	2	Octavin.....Present pipes, present action.....	61 Pipes
9.	IV	Fourniture...New pipes, present 19-22-26-29 action.....	244 Pipes
10.		Chimes.....(Present Class "K" tubes & action G to G (#20 to #44 (Place in Bombarde expression.....	25 Tubes
11.		Tremolo	732

SWELL ORGAN ¹⁷

12.	16	Gedeckt.....Present pipes, present Bourdon unit action.....	85 Pipes
13.	8	Geigen Principal...Present pipes, present Geigen Diapason action.....	73 Pipes
14.	8	Gedeckt.....from #12.....	73 Notes
15.	8	Viole.....Present pipes, present Second Violin action....	73 Pipes
16.	8	Viole Celeste....Present pipes, present Second Violin Celeste action.....	73 Pipes
17.	8	Flauto Dolce....New pipes, present English Horn action.....	73 Pipes
18.	8	Flute Celeste TC..New pipes, present Oboe D'Amore action.....	61 Pipes
19.	4	Octave Geigen...Present pipes, present Geigen Octave action..	73 Pipes
20.	4	Flute Triangulaire....New pipes, Stopped Diapason action.....	73 Pipes
21.	2	Doublette.....New pipes, Nazard action.....	61 Pipes
22.	III	Cymbal.....New pipes, present 15-17-19 action.....	183 Pipes
23.	16	Double Trumpet....Present pipes, present Bass Violin unit action.....	73 Pipes

SHELL ORGAN (cont'd)

24.	8	Trompette.....	Present pipes, present Solo Violin action.....	73 Pipes
25.	8	Oboe.....	Present pipes, present Solo Violin Celeste action.....	73 Pipes
26.	4	Clarion.....	Present pipes, present First Violin action.....	73 Pipes
27.	8	Vox Humana.....	Present pipes, present action.....	73 Pipes
28.		Tremolo		1193

CHOIR ORGAN 12

29.	8	Nasonflöte.....	<i>present</i> New pipes, present Quintadena action.....	73 Pipes
30.	8	Dulciana.....	Present pipes, present English Diapason action.....	73 Pipes
31.	8	Unda Maris T.C.....	Present pipes, present action.....	61 Pipes
32.	4	Chimney Flute.....	Present pipes, present action.....	73 Pipes
33.	4	Prestant.....	New pipes, present Viola action.....	73 Pipes
34.	2-2/3	Nazard.....	Present pipes, present Flute Twelfth action.....	61 Pipes
35.	2	Blockflöte.....	New pipes, present Orchestral Oboe action.....	61 Pipes
36.	1-3/5	Tierce.....	New pipes, present Viola Celeste action.....	61 Pipes
37.	III	Zimbel.....	New pipes, present Viole Cornet action.....	183 Pipes
38.	8	Krummhorn.....	New pipes, present Clarinet action.....	73 Pipes
39.		Harp.....	Present bars, present action.....	61 Bars
40.		Celeste.....	from #39.....	61 Notes
41.		Tremolo		792

BOMBARDE ORGAN 8

42.	8	Bombarde.....	New pipes, present Tuba action.....	61 Pipes
43.	8	English Horn.....	Present pipes, present Post Horn action.....	61 Pipes
44.	4	Clarion.....	New pipes, present French Horn action.....	61 Pipes
45.	V	Mixture.....	New pipes, present Violins, Cellos & Stentorphone action.....	305 Pipes
46.		Tremolo		488

PFEDAL ORGAN 7

47.	32	Resultant.....	from #48 & #49.....	32 Notes
48.	16	Violone.....	Present pipes, present Open Diapason action.....	32 Pipes
49.	16	Bourdon.....	Present pipes, present action.....	56 Pipes
50.	16	Viole Dolce.....	Present pipes, present action.....	44 Pipes
51.	16	Quintaton.....	from #1.....	32 Notes
52.	16	Gedeckt Bass.....	from #12.....	32 Notes
53.	8	Principal.....	Present Minor Diapason pipes, present Diaphone chest.....	44 Pipes
54.	8	Bourdon.....	from #49.....	32 Notes
55.	8	Viole Dolce.....	from #50.....	32 Notes
56.	8	Quintade.....	from #1.....	32 Notes
57.	8	Gedeckt.....	from #12.....	32 Notes
58.	4	Super Octave.....	from #53.....	32 Notes
59.	4	Bourdon.....	from #49.....	32 Notes
60.	4	Quintade.....	from #1.....	32 Notes

PEDAL ORGAN (cont'd)

61.	II	Sesquialtera.....	New pipes, present Gedeckt action.....	64 Pipes
62.	16	Bombarde.....	(Present pipes #1-#32, present action (New pipes #33-#56.....	56 Pipes
63.	16	Trumpet.....	from #23.....	32 Notes
64.	8	Bombarde.....	from #62.....	32 Notes
65.	4	Clarion.....	from #62.....	32 Notes
66.		Chimes.....	from #10.....	25 Notes

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COUPLERS

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

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7-8	Affecting Great Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Choir Stops
Pistons No. 1-2-3-4-5	Affecting Bombarde Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Pedal Stops (duplicated by toe studs)
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)
General Cancel Piston	

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 - Bombarde to Pedal Reversible (duplicated by manual piston)
- 5 - Balanced Expression Pedal, Swell Organ
- 6 - Balanced Expression Pedal, Choir Organ
- 7 - Balanced Expression Pedal, Bombarde Organ
- 8 - Balanced Crescendo Pedal
- 9 - Sforzando Reversible (duplicated by manual piston)
- 10 - All Swells to Swell Reversible (duplicated by manual piston)

ACCESSORIES

Action current indicator light - White Jewel
Crescendo indicator light - Green Jewel
Sforzando indicator light - Red Jewel
All Swells to Swell indicator light - Amber Jewel

Concave & radiating pedal keyboard
Organ bench with music shelf
Music rack light

New 25 HP electric motor for present blower.

New 75 ampere all voltage Orgelectra power unit.