

M. P. MÖLLER Organ Factory

4-69

Pipe Organ No. R-738 Date September 1, 1964 Revised 8/10/65
 For THE CATHEDRAL CHURCH OF ST. MARK MINNEAPOLIS, MINNESOTA
 Action Electro-Pneumatic Console Present
 Casing No. No Change Finish No Change
 Decorations No Change Motor Present motor, blower & orgelectra
 Width of Key-bed Standard Stop Controls Draw knobs & tilting tablets
 No. Manuals Four and Pedal Wind Pressure _____
 To be Completed December 15, 1965 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, ENLARGING AND RELOCATING EXISTING WELTE ORGAN

CONSOLE Existing four manual draw knob type console, pedal keyboard and organ bench to be used without change, except for necessary changing of present draw knobs due to revised specifications.

GREAT ORGAN Install new unenclosed Great Organ as specified.

MAIN CHESTS Releather 1286 manual pipe pouches.
 Releather 18 stop action primaries.
 Releather four 73 note primary stations.
 Releather one 20 note Pedal primary.
 Releather one 56 note Pedal primary.
 Releather one 68 note Pedal primary.

OFFSET ACTIONS Install the following new actions:

Swell III-IV Plein Jeu - #1 to #6 incl.
 Bombarde 8 Violoncello - #1 to #68 incl.
 Bombarde 4 Octave - #1 to #68 incl.

Releather the following existing actions:

Swell 16 Bourdon - #1 to #12 incl.
 Swell 8 Principal - #1 to #6 incl.
 Swell 16 Double Trumpet - #1 to #12 incl.
 Bombarde 8 Bombarde - #1 to #12 incl.
 Bombarde 8 Tuba Harmonic - #1 to #12 incl.
 Bombarde 8 Claribel Flute - #1 to #8 incl.

SWITCHES Install the following new electro-pneumatic switches with stop actions:

Great Chimes	25 Notes
Choir Harp	61 Notes
Bombarde 8 Bombarde	#1 to #12 incl - 12 Notes
Bombarde 8 Tuba Harmonic	#1 to #68 incl - 68 Notes
Bombarde 8 Violoncello	#1 to #68 incl - 68 Notes
Bombarde 4 Octave	#1 to #68 incl - 68 Notes

CHIMES Present chime tubes and action in Bombarde Organ Division to be moved to Antiphonal Organ division.

PEDAL ORGAN

Releather 16 Open Wood action #1 to #31 incl. and install new action for #32
 Releather 16 Open Metal action #1 to #24 incl.
 Install new action for 16 Open Metal #25 to #68 incl.
 Releather 16 Bourdon action #1 to #56 incl.
 Releather 16 Contra Camba action #1 to #44 incl.
 Install new action for 16 Bombarde #1 to #56 incl.
 Install new 32 note Pedal Relay with twenty-nine 32 note switches.

EXPRESSION

Releather 17 note expression action for Swell Organ.
 Releather 10 note expression action for Choir Organ.
 Releather 9 note expression action for Bombarde Organ.
 Releather 36 shade motor pneumatics.
 Rework present shades to open when wind is turned off.
 Rework and enlarge swell box as required.

RESERVOIRS

Releather the following reservoirs:

Three (3) 2'-6" x 4'-0" Manual Reservoirs
 One (1) 3'-0" x 5'-0" Manual Reservoir
 One (1) 2'-0" x 3'-0" Offset Reservoir
 One (1) 2'-0" x 3'-0" Pedal Reservoir
 Two (2) 2'-6" x 4'-0" Pedal Reservoirs

TREMOLOS

Releather three pneumatic type tremolos with stop actions.

PIPES

Install the following new pipes:

Great 16 Quintaton	73 Pipes
Great 8 Principal	61 Pipes
Great 8 Rohrflöte	61 Pipes
Great 8 Gemshorn	61 Pipes
Great 4 Octave	61 Pipes
Great 4 Spitzflöte	61 Pipes
Great 2-2/3 Twelfth	61 Pipes
Great 2 Fifteenth	61 Pipes
Great III-V Fourniture	257 Pipes
Swell 8 Viole	68 Pipes
Swell 8 Viole Celeste TC	56 Pipes
Swell 8 Dolce	68 Pipes
Swell 8 Dolce Celeste TC	56 Pipes
Swell III-IV Plein Jeu	232 Pipes
Choir 8 Gedeckt	68 Pipes
Choir 4 Koppelflöte	68 Pipes
Choir 2-2/3 Nazard	61 Pipes
Choir 2 Blockflöte	61 Pipes
Choir 1-3/5 Tierce	61 Pipes
Choir 1 Siffelöte	61 Pipes
Bombarde 8 Violoncello	68 Pipes
Bombarde 4 Octave 62-68	7 Pipes
Pedal 16 Open Metal 62-68	7 Pipes
Pedal 16 Bombarde	56 Pipes

Revoice the following pipes:

Swell 16 Bourdon (present 4 Flute Traverso pipes @ 4'C)- 56 Pipes
 Swell 4 Geigen Principal (present 4 Geigen Octave pipes) - 68 Pipes
 Swell 4 Forest Flute (present Choir 4 Forest Flute pipes) - 68 Pipes
 Swell 2 Flautino (present Swell 2 Harmonic Piccolo pipes) - 61 Pipes
 Choir 8 Erzähler - 68 pipes
 Choir 8 Erzähler Celeste TC - 56 pipes
 Choir 8 English Horn - 61 pipes
 Bombarde 8 Claribel Flute (present Swell 8 Claribel Flute pipes) 68 Pipes
 Bombarde 4 Octave (present Choir 8 Diapason pipes) 61 Pipes
 Pedal 16 Open Metal(present Great 16 Great Open Diapason pipes)-61 Pipes

CABLES Install new plastic covered cables between console and organ as required. Present cables to be used in so far as possible.
 Present action current wires to be used without change.

BLOWER Present motor and blower to be used without change

POWER UNIT Present orgelectra organ power unit to be used without change.

GENERAL Great, Swell, Bombarde and Pedal Organs to be returned to factory of M. P. Moller, Inc. in Hagerstown, Md. for rebuilding as specified.

Great Organ (unenclosed), Bombarde Organ (enclosed), to be relocated in present Swell Organ space. Swell Organ to be relocated in present Great-Bombarde Organ space.

Choir Organ to remain as is except for tonal changes as listed in revised specifications.

Antiphonal Organ to remain as is without change.

SPECIFICATIONS FOR CONSOLE AND ORGAN

MANUAL COMPASS CC to Ch, 61 Notes
 PEDAL COMPASS CCC to G, 32 Notes
 WIND PRESSURE Gr. 4"; Sw. 7" & 10"; Ch. 5"; Bomb, 12"; Ped. 7" & 12"
 PITCH A-440 @ 70° F

GREAT ORGAN 13

1	16	Quintaton.....new pipes; new action.....	73 Pipes
2	8	Principal.....new pipes; new action.....	61 Pipes
3	8	Quintaton.....from #1.....	61 Notes
4	8	Rohrflöte.....new pipes; new action.....	61 Pipes
5	8	Gemshorn.....new pipes; new action.....	61 Pipes
6	4	Octave.....new pipes; new action.....	61 Pipes
7	4	Spitzflöte.....new pipes; new action.....	61 Pipes
8	2-2/3	Twelfth.....new pipes; new action.....	61 Pipes
9	2	Fifteenth.....new pipes; new action.....	61 Pipes
10	III-V	Furniture.....new pipes; new action.....	257 Pipes
11		Chimes.....present tubes, present action (located in Antiphonal Organ).....	21 Tubes
12		Positiv to Great 16	
13		Positiv to Great	

SWELL ORGAN 18

14	16	Bourdon (unit).....present pipes; #1 to #24 inc; present Flute Traverso pipes #25 to #80 inc; present 16 Bourdon action...	80 Pipes
15	8	Geigen Principal...present pipes; present action.....	68 Pipes
16	8	Gedeckt.....from #14.....	68 Notes
17	8	Viole.....new pipes; present action.....	68 Pipes
18	8	Viole Celeste TC...new pipes; present action.....	56 Pipes
19	8	Dolce.....new pipes; present 8 Aeoline action.....	68 Pipes
20	8	Dolce Celeste TC...new pipes; present 1-3/5 Tierce action.....	56 Pipes
21	4	Geigen Principal...present 4 Geigen Octave pipes; present 4 Geigen Octave action.....	68 Pipes
22	4	Forest Flute.....present Choir 4 Forest Flute pipes; present Swell 4 Flute Traverso action.....	68 Pipes
23	2	Flautino.....present 2 Harmonic Piccolo pipes; present 2 Harmonic Piccolo action.....	61 Pipes
24	III-IV	Plein Jeu.....new pipes; present 8 Clarabel Flute action.....	232 Pipes
25	16	Double Trumpet....present pipes; present action.....	68 Pipes
26	8	Oboe.....present pipes; present action.....	68 Pipes
27	8	Trumpet.....present pipes; present action.....	68 Pipes
28	8	Vox Humana.....present pipes; new action.....	61 Pipes
29	4	Clarion.....present pipes; present action.....	68 Pipes
30		Tremolo	

CHOIR ORGAN 9

31	8	Gedeckt.....new pipes; present 16 Quintaton action.....	68 Pipes
32	8	Erzahler.....present pipes; present action.....	68 Pipes
33	8	Erzahler Celeste TC..present pipes; present action.....	56 Pipes
34	4	Koppelflöte.....new pipes; present 8 Diapason action.....	68 Pipes
35	2-2/3	Nazard.....new pipes; present 8 Clarinet action.....	61 Pipes
36	2	Blockflöte.....new pipes; present 4 Forest Flute action.....	61 Pipes
37	1-3/5	Tierce.....new pipes; present 8 Concert Flute action.....	61 Pipes
38	1	Sifflöte.....new pipes; present 4 Violina action.....	61 Pipes
39	8	English Horn.....present pipes; present action.....	61 Pipes
40	8	Harp.....present bars; present action.....	61 Bars
41		Tremolo	
42		Positiv to Choir	

POSITIV ORGAN (no change) 7

43	8	Rohrflöte
44	4	Principal
45	2	Principal
46	1-1/3	Larigot
47	III	Cymbal

BOMBARDE ORGAN 6

48	8	Claribel Flute.....present swell 8 Claribel Flute pipes; present 8 Gross Gedeckt action.....	68 Pipes
49	8	Violoncello.....new pipes; new action.....	68 Pipes
50	4	Octave.....present 4 Octave of Choir 8 Diapason, new pipes #62-68; new action.....	68 Pipes
51	8	Bombarde.....present Great 8 Harmonic Trumpet pipes; present Bombarde 8 French Horn action.....	68 Pipes
52	8	Tuba Harmonic.....present pipes; present action.....	68 Pipes
53	4	Clairon.....present pipes; present action.....	68 Pipes
54		Tremolo	

ANTIPHONAL ORGAN (no change) "

55	8	Diapason
56	8	Chimney Flute
57	8	Viole
58	8	Viole Celeste TC
59	4	Principal
60	4	Flute
61	II	Rauschquint
62	8	Cor Oboe
63	8	Vox Humana
64	8	Trompette-en-Chamade
65		Tremolo
66		Antiphonal to Pedal
67	16	Bourdon (Ped.)

PEDAL ORGAN 5

68	32	Principal Resultant...unison from #69, Quint from #73.....	32 Notes
69	32	Bourdon Resultant....unison from #73, Quint from #14.....	32 Notes
70	16	Open Wood.....present pipes; present action.....	32 Pipes
71	16	Open Metal.....present Great 16 Open Diapason pipes; #1 to #61, new pipes #62 to #68; present Pedal 16 Tuba action #1-56, new action #57 to #68.....	68 Pipes
72	16	Quintaton.....from #1.....	32 Notes
73	16	Contra Gamba.....present pipes; present action.....	44 Pipes
74	16	Bourdon.....present pipes; present action.....	56 Pipes
75	16	Lieblich.....from #14.....	32 Notes
76	8	Open Metal.....from #70.....	32 Notes
77	8	Bourdon.....from #73.....	32 Notes
78	8	Gedeckt.....from #14.....	32 Notes
79	8	Gamba.....from #72.....	32 Notes
80	5-1/3	Quint.....(prepared for in console only)	
81	4	Open Metal.....from #70.....	32 Notes
82	4	Bourdon.....from #73.....	32 Notes
83	2	Open Metal.....from #70.....	32 Notes
84	III	Mixture.....(prepared for in console only)	
85	16	Bombard.....new pipes; new action.....	56 Pipes
86	16	Double Trumpet.....from #25.....	32 Notes
87	8	Bombard.....from #85.....	32 Notes
88	4	Bombard.....from #85.....	32 Notes

COUPLERS

No Change

No Change

PISTON COUPLERS

No Change

No Change

ADJUSTABLE COMBINATIONS

No Change

No Change

REVERSIBLES

No Change

No Change

PEDAL MOVEMENTS

No Change

No Change

ACCESSORIES

No Change

No Change

Present motor, blower and orgelectra organ power unit.