

M. P. MÖLLER Organ Factory

Contract

3/29

Revised May 31, 1972

March 28, 1972

Pipe Organ No. R-863 Date March 28, 1972
 For PRESBYTERIAN CHURCH OF FALLING SPRING, CHAMBERSBURG, PENNSYLVANIA
 Action Electro-Pneumatic Console Detached Level Manuals
 Casing No. No Change Finish To sample to be submitted
 Decorations No Change Motor No Change
 Width of Key-bed Standard Stop Controls Draw Knobs and Tilting
 No. Manuals THREE AND PEDAL Wind Pressure Gr. 4", Sw. 5-3/4", Ch. 4-3/4", Tablets
 To be Completed October 1, 1972 Blower Pipe furnished by Purchaser Feet 4" & 5"

SPECIFICATIONS

FOR

REBUILDING PRESENT SKINNER ORGAN - OPUS 871 - 1931

CONSOLE

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

MANUAL CHESTS

Releather 1519 manual pipe pouches.
 Install 1632 new stop action checks and eyelets.
 Install 197 new duplex shifters.
 Releather 28 stop action primaries and install new outside type magnets.
 Releather two 61 note primary stations and install new outside type magnets.
 Releather two 73 note primary stations and install new outside type magnets.
 Install the following new action in Choir Organ.
 2 Principal - #1 to #61 incl. - 61 notes
 1-3/5 Terz TC - #13 to #61 incl. - 49 notes

OFFSET CHESTS

Releather the following offset chests and install new outside type magnets.

Great	8 Principal	- #1 to #12 incl.	- 12 notes
Great	III Mixtur	- #1 to #12 incl.	- 12 notes
Swell	16 Lieblich	- #1 to #12 incl.	- 12 notes
Swell	8 Rohrflöte	- #1 to #8 incl.	- 8 notes
Swell	8 Salicional	- #1 to #6 incl.	- 6 notes
Swell	4 Principal	- #1 to #10 incl.	- 10 notes
Swell	2 Blockflöte	- #1 to #6 incl.	- 6 notes
Choir	8 Gedackt	- #1 to #12 incl.	- 12 notes
Choir	8 Dulciana	- #1 to #6 incl.	- 6 notes

SWITCHES

Provide the following new switches:

Great 8 Principal - #1 to #12 incl. - 12 notes
Great III Mixtur - #1 to #12 incl. - 12 notes
Great Chimes - #20 to #44 incl. - 25 notes
Great "A" station cut-out - #1 to #61 incl. - 61 notes
Great "B" station cut-out - #1 to #61 incl. - 61 notes
Swell 16 Lieblich - #1 to #12 incl. - 12 notes
Swell 8 Rohrflöte - #1 to #8 incl. - 8 notes
Swell 8 Salicional - #1 to #6 incl. - 6 notes
Swell 4 Principal - #1 to #10 incl. - 10 notes
Swell 2 Blockflöte - #1 to #6 incl. - 6 notes
Swell station cut-out - #1 to #73 incl. - 73 notes
Choir 8 Gedackt - #1 to #12 incl. - 12 notes
Choir 8 Dulciana - #1 to #6 incl. - 6 notes
Choir "A" station cut-out - #1 to #61 incl. - 61 notes
Choir "B" station cut-out - #1 to #73 incl. - 73 notes

PEDAL ORGAN

Releather 16 Principal action #1 to #44 incl. and install new outside type magnets.
Releather 16 Subbass action #1 to #44 incl. and install new outside type magnets.
Releather 16 Lieblich Pedal primary station and install new outside type magnets.
Install new action for 16 Principal #45 to #56 incl. - 12 notes
Install new action for 16 Posaune #1 to #56 incl. - 56 notes
Install new 32 note pedal relay with eleven new 32 note switches.

CHIMES

Install new 25 note Chime action using customer's present chime tubes.

EXPRESSION

Rebuild two (2) whiffletree expression actions.
Rebush present expression tracker arms.

RESERVOIRS

Recover the following reservoirs:

One (1) 3'-0" x 5'-0"
Two (2) 2'-6" x 4'-0"
Two (2) 2'-0" x 3'-0"

TREMULO

Releather two (2) tremolos.

PIPES

Install the following new pipes:

Great 8 Principal - #1 to #61 incl. - 61 pipes
Great 4 Octave - #1 to #61 incl. - 61 pipes
Great III Mixtur - #1 to #61 incl. - 183 pipes
Swell 4 Principal - #1 to #73 incl. - 73 pipes
Swell 2 Blockflöte - #1 to #61 incl. - 61 pipes
Swell III Scharf - #1 to #61 incl. - 183 pipes
Swell 16 Bassoon - #1 to #73 incl. - 73 pipes
Swell 8 Trompette - #1 to #73 incl. - 73 pipes
Swell 4 Hautbois - #62 to #73 incl. - 12 pipes
Choir 8 Gedackt - #1 to #73 incl. - 73 pipes
Choir 4 Koppelflöte - #1 to #73 incl. - 73 pipes
Choir 2 Principal - #1 to #61 incl. - 61 pipes
Choir 1-3/5 Terz TC - #13 to #61 incl. - 49 pipes
Pedal 16 Posaune - #1 to #56 incl. - 56 pipes

Revoice the following pipes:

Present Swell Viole D'Orchestre as 8 Voix Celeste TC - 61 pipes
Present Swell Oboe as 4 Hautbois - 61 present pipes
Present Choir 8 Clarinet
Present Swell 8 Geigen as Pedal 16 Principal - #13 to #56 incl.
44 pipes
All pipes being re-used to be thoroughly washed and repaired
as necessary.
All present pipes not incorporated in revised specifications
to be carefully crated for storage at church.

CABLES

Install new cables and action current wires between console
and organ.

ACTION CURRENT Present DC organ power unit to be used without change.

BLOWER

Present blower to be used without change.
Install new 15" diameter, 16" long flexible connector on wind conductor

GENERAL

Entire organ with exception of blower, DC organ power unit and
pipes not being re-used to be returned to the factory of
M. P. Moller, Inc. at Hagerstown, Maryland for rebuilding and
to be re-installed in existing organ chamber as specified above.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS	CC to C4, 61 notes
PEDAL COMPASS	CCC to G, 32 notes
WIND PRESSURE	Great 4", Swell 5-3/4", Choir 4-3/4", and Pedal 4" and 5"
PITCH	A-440 @ 70°F

GREAT ORGAN (unenclosed) ⁵

1	8	Principal.....new pipes, present 8 Open Diapason action.....61 pipes
2	8	Gedackt.....from #20.....61 notes
3	8	Dulciana.....from #21.....61 notes
4	4	Octave.....new pipes, present 4 Harmonic Flute action.....61 pipes
5	4	Koppelflöte.....from #23.....61 notes
6	III 2'	Mixtur.....new pipes, present 8 Claribel action.....183 pipes
7		Chimes.....present Mayland tubes, new action, transformer, volume control, etc. G to G, #20 to #44 incl.....25 tubes

SWELL ORGAN ¹³

8	16	Lieblich.....present pipes, present action.....73 pipes
9	8	Rohrflöte.....present pipes, present action.....73 pipes
10	8	Salicional.....present pipes, present action.....73 pipes
11	8	Voix Celeste TC.....present Viols D'Orchestre pipes, present Viol Celeste action.....61 pipes
12	4	Principal.....new pipes, present 8 Geigen action.....73 pipes
13	4	Flute Triangulaire.....present pipes, present action.....73 pipes
14	2	Blockflöte.....new pipes, present Viols D'Orchestre action.....61 pipes
15	III 1'	Scharf.....new pipes, present III Dolce Cornet action.....183 pipes
16	16	Bassoon.....new pipes, present 8 Vox Humana action.....73 pipes
17	8	Trompette.....new pipes, present 8 Cornopean action.....73 pipes
18	4	Hautbois.....present 8 Oboe pipes #13 to #73, new top octave, present 8 Oboe action..73 pipes
19		Tremolo Tremulant

CHOIR ORGAN 8

20	8	Gedackt.....new pipes, present 8 Concert Flute action.....73 pipes
21	8	Dulciana.....present pipes, present action.....73 pipes
22	8	Unda Maris TC.....present pipes, present action.....61 pipes
23	4	Koppelflöte.....new pipes, present 4 Flute D'Amour action.....73 pipes
24	2-2/3	Nasard.....present pipes, present action.....61 pipes
25	2	Principal.....new pipes, new action.....61 pipes
26	1-3/5	Terz TC.....new pipes, new action.....49 pipes
27	8	Clarinet.....present pipes, present action.....73 pipes
28		Tremolo Tremulant

PEDAL ORGAN (*) 3

29	16	Principal...1-12 present Pedal 16 Diapason pipes, present action; 13-44 present Swell 8 Geigen pipes, present Pedal 16 Diapason action; 45-56 present Swell 8 Geigen pipes, new action.....56 pipes
30	16	Subbass.....present pipes, present action.....44 pipes
31	16	Lieblich.....from #8.....32 notes
32	10-2/3	Quint.....from #30.....32 notes
33	8	Octavefrom #29.....32 notes
34	8	Bassflöte.....from #30.....32 notes
35	8	Lieblichflöte.....from #8.....32 notes
36	4	Super Octave.....from #29.....32 notes
37	16	Posaune.....new pipes, new action.....56 pipes
38	8	Trompettefrom #37.....32 notes
39	4	Clarion.....from #37.....32 notes

(*) Pedal Organ to play thru new pedal relay and switches.

COUPLERS

40	Great to Pedal	52	Swell to Choir 16
41	Great to Pedal 4	53	Swell to Choir
42	Swell to Pedal	54	Swell to Choir 4
43	Swell to Pedal 4	55	Swell 16
44	Choir to Pedal	56	Swell Unison Off
45	Choir to Pedal 4	57	Swell 4
46	Swell to Great 16	58	Choir 16
47	Swell to Great	59	Choir Unison Off
48	Swell to Great 4	60	Choir 4
49	Choir to Great 16	61	Great 4
50	Choir to Great		
51	Choir to Great 4		

ADJUSTABLE COMBINATIONSCapture type

Pistons No. 1-2-3-4	Affecting Great Stops
Pistons No. 1-2-3-4-5	Affecting Swell Stops
Pistons No. 1-2-3-4-5	Affecting Choir Stops
Toe Studs No. 1-2-3-4	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6	Affecting Full Organ (duplicated by toe studs)
General Cancel	
Setter Piston	
Combination Lock (to interrupt setter 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 - Balanced Expression Pedal - Swell Organ (16 contacts - regular system)
- 5 - Balanced Expression Pedal - Choir Organ (8 contacts - regular system)
- 6 - Balanced Crescendo Pedal with indicator light (Green Jewel)
- 7 - Sforzando Reversible (duplicated by manual piston) with indicator light (Red Jewel)

ACCESSORIES

Concave and radiating pedal keyboard

Organ bench with music shelf
Blocks to adjust bench height

Light for music rack
Light for pedal keyboard

Signal light "ushers"

Roll top with lock

Momentary contact motor starter switch

Present motor, blower and DC organ power unit to be re-used.

Retain present E. M. Skinner nameplate & mount on nameboard with M. P. M. nameplate

4/14/72

WAR/mr

Revised

5/31/72

PIPE SCALE SHEET

ORGAN NO. R-863

DATE March 28, 1972

PRESBYTERIAN CHURCH OF FALLING SPRING

CHAMBERSBURG

PA.

Customer

City

State

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS
<u>GREAT ORGAN</u> Uhenclosed						
Principal	8	61 new	46	18-1/2	1/4	12 Zinc S.M. 4
Octave	4	61 new	59	18-1/2	1/4	S.M. 4
Mixtur	III	183 new	Formula "A"	18		S.M. 4
<u>SWELL ORGAN</u>						
Lieblich	16	73 present	CCC 7" x 6"			Wood 5-3/4
			CC 3-1/2" x 2-5/8"			
			C 1-7/8" x 1-5/8"			
Rohrflöte	8	73 present	1-12 Wood			
			#13 63	2/9		Wood & C.M. 5-3/4
Salicional	8	73 present	65 17	1/6		12 Zinc S.M. 5-3/4
Voix Celeste TC	8	61 present	(Viole D'Orchestre)			5-3/4
Principal	4	73 new	60 18	1/4		S.M. 5-3/4
Flute Triangular	4	73 present	Reg. E.M. Skinner			Wood 5-3/4
Blockflöte	2	61 new	68-2/3 20	2/9		S.M. 5-3/4
Scharf	III	183 new	Formula "B"	18		S.M. 5-3/4
Bassoon	16	73 new (half length 1-42)	CCC 3" CC 2-1/16"			Open Oboe C(F) Eschallots 5-3/4
Trompette	8	73 new	3" 42			D(F) Eschallots 5-3/4
Hautbois	4	73 present	8 Oboe 2-3/4			new tongues, present Eschallots 5-3/4
			new top Octave			

PITCH A-440 @ 70°F

COMPLETION September 1, 1972

COPIES TO:

W.R.Daniels, Hose(2), Moller, Ocker,
P.M.Daniels, Kreglo, Nalley, Olsen(3),
Zajic, Staley, Nye, Engr. Dept., Contract,
File (2).

PIPE SCALE SHEET

ORGAN NO. R-863 DATE March 28, 1972

PRESBYTERIAN CHURCH OF FALLING SPRING

CHAMBERSBURG

PA.

Customer	City	State
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STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.
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CHOIR ORGAN

Gedackt	8	73 new	Reg. Stopped Flute Bass & Treble				4-3/4"
Dulciana	8	73 present	56 17 1/5	12 Zinc	S.M.		4-3/4"
Unda Maris TC	8	61 present	56 @ 8' CC 17 1/5		S.M.		4-3/4"
Koppelflöte	4	73 new	64 20 1/4		S.M.		4-3/4"
Nasard	2-2/3	61 present	72 21 1/5		S.M.		4-3/4"
Principal	2	61 new	72 18 1/4		S.M.		4-3/4"
Terz TC	1-3/5	49 new	76-2/3 @ #1 20 1/5		S.M.		4-3/4"
Clarinet	8	73 present	revoiced 1-3/4 new tongues, present eschallots				4-3/4"

PEDAL ORGAN

Principal	16	56 1-12 present	CCC 12" x 10" I.D. Wood				
		13-56 present	Swell 8 Geigen 12 Zinc C.M.				5"
		CC 45 17					
Subbass	16	44 present	CCC 7-9/16" x 6-3/8" I.D. Wood				5"
			CC 4-3/4" x 3-7/8" I.D.				
Posaune	16	56 new half length	3-3/4" Reg. Tpt. C(F) Eschallots				4"
			1-44 half length				

PITCH.....

COPIES TO:

COMPLETION.....

R-863

PRESBYTERIAN CHURCH OF FALLING SPRING, CHAMBERSBURG, PENNSYLVANIA

MIXTURE FORMULAS

GREAT ORGAN

III-Rks. Mixture Formula "A"

15	12	8
19	15	12
22	19	15
<u>1-42</u>	<u>43-54</u>	<u>55-61</u>

Unison 48 @ 8' CC 18-1/2 1/4 mouth S.M.
 Quint 49 @ 8' CC 18-1/2 2/9 mouth S.M.

SWELL ORGAN

III Rks. Scharf Formula "B"

22	19	15	12	8
26	22	19	15	12
29	26	22	19	15
<u>1-18</u>	<u>19-36</u>	<u>37-49</u>	<u>50-56</u>	<u>57-61</u>

Unison 48 @ 8' CC 18-1/2 1/4 mouth S.M.
 Quint 49 @ 8' CC 18-1/2 2/9 mouth S.M.