

File

M. P. MÖLLER Organ Factory

Pipe Organ No. R-806 Date 4-79 Revised 3/28/69 Revised 6/11/69
For FIRST (PARK) CONGREGATIONAL CHURCH, GRAND RAPIDS, MICHIGAN
Action Electro-Pneumatic Console Detached - No Roll Top
Casing No. No Change *Great & Positiv Chest Enclosures* Finish To customer's selection
Decorations No Change Motor Present motor, blower & power units
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
No. Manuals FOUR & Pedal *Multiple contacts. Tracker Touch English Keys.* Wind Pressure
To be Completed October 1, 1969 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT E. M. SKINNER ORGAN - 1927

CONSOLE

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

MANUAL CHESTS

Install the following new actions:

Great 16 Quintade	-	73 Notes
Great 8 Principal	-	61 Notes
Great 8 Rohrbourdon	-	61 Notes
Great 4 Octave	-	61 Notes
Great 4 Nachthorn	-	61 Notes
Great 2 Super Octave	-	61 Notes
Great IV Fourniture	-	61 Notes
Great III Scharf	-	61 Notes
Great 16 Fagot	-	73 Notes
Great 8 Trompete	-	61 Notes
Positiv 8 Holzgedeckt	-	61 Notes
Positiv 4 Koppelflöte	-	61 Notes
Positiv 2 Prinzipal	-	61 Notes
Positiv 1-1/3 Larigot	-	61 Notes
Positiv 1 Siffelöte	-	61 Notes
Positiv III Mixture	-	61 Notes
Positiv II Zimbel	-	61 Notes

Releather 2409 manual pipe pouches.

Releather one 61 note double primary and install new outside type magnets.

Releather four 73 note double primaries and install new outside type magnets.

Releather two 32 note single Pedal primaries and install new outside type magnets.

Releather two 8 note double stop action primaries and install new outside type magnets.

Releather one 6 note double stop action primary and install new outside type magnets.

Releather one 9 note double stop action primary and install new outside type magnets.

Releather one 2 note double stop action primary and install new outside type magnets.

OFFSET CHESTS

Releather and electrify the following Offset Actions:

Swell 8 Rohrflöte	-	8 Notes
Swell 8 Viole de Gambe	-	6 Notes
Swell 8 Viole Celeste	-	6 Notes
Swell 8 Flute Dolce	-	8 Notes
Swell III Cymbal	-	12 Notes
Swell 16 Bassoon	-	6 Notes
Choir 16 Gemshorn	-	18 Notes
Choir 8 Concert Flute	-	12 Notes
Choir 8 Dulciana	-	6 Notes
Choir 8 Spitzprinzipal	-	6 Notes
Ant. 8 Chimney Flute	-	8 Notes
Ant. 8 Salicional	-	12 Notes
Ant. 2 Doublette	-	6 Notes
Ant. V Mixture	-	6 Notes

CONTACT BOXES

Install new single finger Contact Boxes for the following:

Ant. 8 Chimney Flute	-	8 Notes
Ant. 8 Salicional	-	12 Notes
Ant. 2 Doublette	-	6 Notes
Ant. V Mixture	-	6 Notes

RELAYS

Install one new 12 note Relay for Swell Organ.

Install one new 18 note Relay for Choir Organ.

SWITCHES

Supply the following new electro-pneumatic switches mounted and wired to new relays:

Swell 8 Rohrflöte	-	8 Notes
Swell 8 Viole de Gambe	-	6 Notes
Swell 8 Viole Celeste	-	6 Notes
Swell 8 Flute Dolce	-	8 Notes
Swell III Cymbal	-	12 Notes
Swell 16 Bassoon	-	6 Notes
Choir 16 Gemshorn	-	18 Notes
Choir 8 Concert Flute	-	12 Notes
Choir 8 Dulciana	-	6 Notes
Choir 8 Spitzprinzipal	-	6 Notes

PEDAL ORGAN

Install the following new actions:

32	Contra Bourdon	=	10 Notes	<i>16 Bourdon - 56 Notes</i>
8	Spitzflöte	-	56 Notes	<i>16 Principal - 44 Notes</i>
4	Super Octave	-	32 Notes	<i>16 Posaune - 56 Notes</i>
III	Mixture	-	44 Notes	
32	Kontra Posaune	-	12 Notes	

Releather the following present actions and install new outside type magnets:

16	Principal	=	44 Notes
16	Bourdon	=	56 Notes
16	Posaune	=	56 Notes
16	Sub Bass	-	44 Notes
8	Principal	-	44 Notes
<i>32</i>	<i>Contra Bourdon</i>	<i>-</i>	<i>10 Notes</i>

Install new 32 note Pedal Relay with twenty-one 32 note Switches for Pedal Organ.

Install new 32 note Pedal Relay with four 32 note Switches for Antiphonal Pedal Organ.

HARP

Harp bars and action to be deleted from organ and discarded.

CHIMES

Present action and tubes to be re-used without change.

ZIMBELSTERN

Install new mechanism with four bells in organ.

EXPRESSION

Releather three whiffletree expression actions and install new outside type magnets.

TREMOLOS

Install three new electro-pneumatic tremolos.

RESERVOIRS

Releather the following reservoirs and supply new curtain valves as required:

One	(1)	3'-0" x 5'-0"	Manual Reservoir
Three	(3)	2'-6" x 4'-0"	Manual Reservoirs
One	(1)	1'-8" x 2'-6"	Manual Reservoir
One	(1)	2'-0" x 4'-0"	Pedal Reservoir
Two	(2)	2'-0" x 3'-0"	Pedal Reservoirs

Install new Swell concussion pneumatic with valve.

PIPES

Install the following new pipes: 56

Great	16	Quintade	- 73 Pipes
Great	8	Principal	- 61 Pipes
Great	8	Rohrbourdon	- 61 Pipes
Great	4	Octave	- 61 Pipes
Great	4	Nachthorn	- 61 Pipes
Great	2	Super Octave	- 61 Pipes
Great	IV	Fourniture	- 244 Pipes
Great	III	Scharf	- 183 Pipes
Great	16	Fagot	- 73 Pipes
Great	8	Trompete	- 73 Pipes
Swell	8	Viole de Gambe	- 73 Pipes
Swell	8	Viole Celeste	- 73 Pipes
Swell	4	Weitprincipal	- 73 Pipes
Swell	2	Flautino	- 61 Pipes
Swell	V	Plein Jeu	- 305 Pipes
Swell	III	Cymbal	- 183 Pipes
Swell	II	Sesquialtera	- 122 Pipes
Swell	16	Bassoon (1/2 lgth)	- 73 Pipes
Swell	8	Trompette	- 73 Pipes
Swell	4	Clarion	- 73 Pipes
Choir	16	Gemshorn - #13 to #73 incl.	- 61 Pipes
Choir	8	Spitzprinzipal	- 73 Pipes
Choir	8	Voix Celeste GG	- 66 Pipes
Choir	8	Krummhorn	- 73 Pipes
Choir	8	Bombarde	- 61 Pipes
Choir	4	Trichter Regal	- 61 Pipes
Choir	4	Clairon Harmonique	- 61 Pipes
Positiv	8	Holzgedeckt	- 61 Pipes
Positiv	4	Koppelflöte	- 61 Pipes
Positiv	2	Principal	- 61 Pipes
Positiv	1-1/3	Larigot	- 61 Pipes
Positiv	1	Sifflöte	- 61 Pipes
Positiv	III	Mixture	- 183 Pipes
Positiv	II	Zimbel	- 122 Pipes
Pedal	16	Principal	- 44 Pipes
Pedal	8	Spitzflöte	- 56 Pipes
Pedal	4	Super Octave	- 32 Pipes
Pedal	III	Mixture	- 132 Pipes
Pedal	32	Kontra Posaune	- 68 Pipes

Install new modern type tuning slides on existing metal pipes as required.

CABLES

Install new plastic covered cables between console and organ as required.

BLOWER

Present motor and blower to be re-used without change.

ACTION CURRENT

Present organ power units to be re-used without change.

GENERAL

Entire organ except Antiphonal Organ with exceptions, motor and blower, power units, organ case and display pipes to be returned to factory of M. P. Moller, Inc., at Hagerstown, Maryland, for rebuilding as specified above.

SPECIFICATIONS

FOR

CONSOLE AND ORGAN

MANUAL COMPASS CC to Ch, 61 Notes
 PEDAL COMPASS CCC to G, 32 Notes
 WIND PRESSURE Gr³ 3-3/4", Sw 4-1/2", Ch 4" & 8", Pos 3", Ant 7-1/2", Ped 6", and Ant. Ped 6"
 PITCH A-440 @ 70° F

GREAT ORGAN (Unenclosed - 15
 (Manual II) (new action exposed as feasible)

1	16	Quintade	new pipes; new action.....	73 Pipes
2	8	Principal	new pipes; new action.....	61 Pipes
3	8	Rohrbourdon ...	new pipes; new action.....	61 Pipes
4	8	Quintaton	from #1.....	61 Notes
5	4	Octave	new pipes; new action.....	61 Pipes
6	4	Nachthorn	new pipes; new action.....	61 Pipes
7	2	Super Octave ..	new pipes; new action.....	61 Pipes
8	IV	Fourniture	new pipes; new action.....	244 Pipes
9	III	Scharf	new pipes; new action.....	183 Pipes
10	16	Fagot	new pipes; new action.....	73 Pipes
11	8	Trompete	new pipes; double treble new action.....	73 Pipes

SWELL ORGAN 20
 (Manual III)

12	8	Rohrflöte	present pipes; present action.....	73 Pipes
13	8	Viole de Gambe ..	new pipes; present action.....	73 Pipes
14	8	Viole Celeste ..	new pipes; present action.....	73 Pipes
15	8	Flute Dolce ...	present pipes; present action.....	73 Pipes
16	8	Flute Celeste TC ..	present pipes; present action.....	61 Pipes
17	4	Weitprincipal	new pipes; present 4 Principal action.....	73 Pipes
18	4	Flute Triangulaire ..	present pipes; present action.....	73 Pipes
19	2	Blockflöte	new pipes; present 8 Cor d'Amore action.....	61 Pipes
20	1-1/3	Larigot	new pipes; present 8 Vox Humana action.....	61 Pipes
21	V	Plein Jeu	new pipes; present V Mixture action.....	305 Pipes
22	III	Cymbal	new pipes; present 8 Diapason action.....	183 Pipes
23	16	Bassoon (half length) ..	new pipes; present 16 Waldhorn action..	73 Pipes
24	8	Trompette	new pipes; present 8 Cornopean action.....	73 Pipes
25	4	Clarion	new pipes; present action.....	73 Pipes
26		Tremolo		

CHOIR ORGAN "
(Manual I)

27	16	Gemshorn#1-12 present 16 Viole pipes; #13-73 new pipes; present 16 Viole action.....	73 Pipes
28	8	Spitzprinzipal ...new pipes; present 8 Gamba action.....	73 Pipes
29	8	Concert Flutepresent pipes; present action.....	73 Pipes
30	8	Dulcianapresent pipes; present 8 Dolce action.....	73 Pipes
31	8	Grand Celeste GG .new pipes; present 8 Clarinet action.....	66 Pipes
32	8	Unda Maris TCpresent pipes; present action.....	61 Pipes
33	4	Rohrflötepresent pipes; present 4 Flute d'Amour action.....	73 Pipes
34	8	Krummhornnew pipes; present 4 Dulcet action.....	73 Pipes
35	8	Bombardenew pipes; present 8 Tuba action.....	61 Pipes
36	4	Trichter Regal ...new pipes; present 2-2/3 Nazard action.....	61 Pipes
37	4	Clairon Harmonique ..new pipes; present 8 French Horn action...	61 Pipes
38		Tremolo (Not to affect Stops #35 and #37)	

POSITIV ORGAN (Unenclosed and Exposed) "
(Manual IV)

39	8	Holzgedecktnew pipes; new action.....	61 Pipes
40	4	Koppelflötenew pipes; new action.....	61 Pipes
41	2	Principalnew pipes; new action.....	61 Pipes
42	II	Sesquialteranew pipes; new action.....	122 Pipes
43	I	Sifflötenew pipes; new action.....	61 Pipes
44	III	Mixturenew pipes; new action.....	183 Pipes
45	II	Zimbelnew pipes; new action.....	122 Pipes
46	8	Fagotfrom #10.....	61 Notes
47		Zimbelstern	4 Bells
48		Tremolo	
49		Harp Console only	

ANTIPHONAL ORGAN 12
(Manual IV)

50	8	Chimney Flute ...present pipes; present action.....	73 Pipes
51	8	Salicionalpresent Swell 8 Viole de Gambe pipes; present 8 Diapason action.....	73 Pipes
52	8	Voix Celeste TC .present Swell 8 Viole Celeste pipes; present 4 Flute action.....	61 Pipes
53	4	Principalpresent pipes; present action.....	73 Pipes
54	2	Doublettepresent pipes; present 8 Gambe action.....	61 Pipes
55	V	Mixturepresent Swell V Mixture pipes; present 8 Viole Celeste II action.....	305 Pipes
56	8	Trumpetpresent pipes; present action.....	73 Pipes
57	8	Vox Humanepresent pipes; present action.....	61 Pipes
58		Chimespresent Mayland tubes; present action G to G, #20 to #44.....	25 Tubes
59		Tremolo	

PEDAL ORGAN (*) 8

60	32	Contra Bourdon ..#3-12 present 16 Open Diapason pipes #1-10 #1 & #2 quinted; ^{present} new action; 20 from Q. 62 ^{new} Q. 63...	32 Notes
61	16	Principalnew pipes; present 16 Open Diapason action...	44 Pipes
62	16	Bourdonpresent pipes; present action	56 Pipes
63	16	Quintadefrom #1.....	32 Notes
64	16	Gemshornfrom #27.....	32 Notes
65	10-2/3	Quintfrom # Q. 62 ^{Q. 62}	32 Notes
66	8	Octavefrom # Q. 61 ^{Q. 61}	32 Notes
67	8	Bourdonfrom # Q. 63 ^{Q. 63}	32 Notes
68	8	Spitzflötenew pipes; new action.....	56 Pipes
69	4	Super Octavenew pipes; new action.....	32 Pipes
70	4	Bourdonfrom # Q. 63 ^{Q. 63}	32 Notes
71	4	Spitzflötefrom # Q. 68 ^{Q. 68}	32 Notes
72	2	Spitzflötefrom # Q. 68 ^{Q. 68}	32 Notes
73	III	Mixture (15-19-22) ..new pipes; new action.....	144 Pipes
74	IV	Acuta (26-29-33-36) from 19th and 22nd of #73.....	32 Notes
75	32	Kontra Posaune ..(1-12 half length) new pipes; new action #1-12, present 16 Tromba action #1 to #56	68 Pipes
76	16	Posaunefrom #75.....	32 Notes
77	16	Bassoonfrom #23.....	32 Notes
78	16	Fagotfrom #10.....	32 Notes
79	8	Trumpetfrom #75.....	32 Notes
80	4	Fagotfrom #10.....	32 Notes
81	4	Clarionfrom #75.....	32 Notes

(*) Pedal Organ playable thru new Pedal Relay and Switches

ANTIPHONAL PEDAL ORGAN (*) 2

82	16	Sub Basspresent pipes; present action.....	44 Pipes
83	8	Principalpresent Great 8 Diapason pipes; present Ant. Pedal 16 Gedackt action.....	44 Pipes
84	8	Gedecktfrom #82.....	32 Notes
85	4	Octavefrom #83.....	32 Notes

(*) Antiphonal Pedal Organ playable thru new Pedal Relay and Switches

Pedal Organ:

62 16 Bourdon #1 & #2 pres. 16 Open Diapason pipes #1/4 #12,
#3 to #56 inc. pres. 16 Bourdon pipes #1 to #54, new action
#1 to #56 inc. 56 Pipes

COUPLERS

86	Great to Pedal	105	Swell 16
87	Swell to Pedal	106	Swell Unison Off
88	Swell to Pedal 4	107	Swell 4
89	Choir to Pedal	108	Great to Choir
90	Choir to Pedal 4	109	Swell to Choir 16
91	Positiv to Pedal	110	Swell to Choir
92	Antiphonal to Pedal	111	Swell to Choir 4
93	Swell to Great 16	112	Positiv to Choir 16
94	Swell to Great	113	Positiv to Choir
95	Swell to Great 4	114	Antiphonal to Choir
96	Choir to Great 16	115	Antiphonal to Choir 4
97	Choir to Great	116	Choir 16
98	Choir to Great 4	117	Choir Unison Off
99	Positiv to Great	118	Choir 4
100	Antiphonal to Great	119	Positiv Unison Off
101	Antiphonal to Great 4	120	Antiphonal 16
102	Great Unison Off	121	Antiphonal Unison Off
103	Choir to Swell	122	Antiphonal 4
104	Antiphonal to Swell	123	Positiv to Swell

ADJUSTABLE COMBINATIONS
(Capture System)

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

General Cancel (including cancel of Tutti Reversible)
Combination Adjustor 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, reverse system)
- 5- Balanced Expression Pedal - Choir Organ (8 contacts, reverse system)
- 6- Balanced Expression Pedal - Antiphonal Organ (8 contacts, reverse system)
- 7- Balanced Crescendo Pedal with indicator light (green jewel)
- 8- Tutti Reversible (duplicated by manual piston) with indicator light (red jewel)
- 9- 32 Bourdon Reversible
- 10- 32 Posaune Reversible
- 11- Zimbelstern Reversible (duplicated by manual piston)
- 12- Antiphonal Swell to Swell Reversible (manual piston only)

(*) Affecting Manual to Pedal 4 in "off" movement only

ACCESSORIES

Divisional cancel tabs

Motor starter switch

Wood music rack with fluorescent light

Pedal light

Concave and radiating pedal keyboard

Organ bench with music shelf

Present motor, blower and power units

RHM/bes
9/23/68
Revised
3/28/69
Revised
6/11/69

FIRST (PARK) CONGREGATIONAL CHURCH, GRAND RAPIDS, MICHIGAN

MIXTURE FORMULASGREAT ORGAN

IV Rks. Fourniture Formula "A"

19	15	12	8	8
22	19	15	12	12
26	22	19	15	15
29	26	22	19	15
1-12	13-24	25-36	37-48	49-61
Unison 46	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint 47	@ 8' CC	17-1/2	2/9 mouth	S.M.

III Rks. Scharf Formula "B"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-9	10-18	19-27	28-36	37-45	46-54	55-61
Unison 47	@ 8' CC	17-1/2	1/4 mouth	S.M.		
Quint 48	@ 8' CC	17-1/2	2/9 mouth	S.M.		

SWELL ORGAN

V Rks. Plein Jeu Formula "C"

15	12	8	8	8
19	15	12	12	12
22	19	15	15	12
26	22	19	15	15
29	26	22	19	15
1-24	25-36	37-42	43-49	50-61
Unison 48	@ 8' CC	18-1/2	1/4 mouth	S.M.
Quint 49	@ 8' CC	18-1/2	2/9 mouth	S.M.

III Rks. Cymbal Formula "D"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-12	13-24	25-37	38-43	44-49	50-56	57-61
Unison 49	@ 8' CC	18-1/2	1/4 mouth	S.M.		
Quint 50	@ 8' CC	18-1/2	1/4 mouth	S.M.		

FIRST (PARK) CONGREGATIONAL CHURCH, GRAND RAPIDS, MICHIGAN

POSITIV ORGAN

II Rks. Sesquialtera Formula "E"

		12	12	
		17	15	
		1-51	52-61	
12th	66-3/4	20-1/2	2/9 mouth	S.M.
15th	74	19-1/2	2/9 mouth	S.M.
17th	77-2/3	20-1/2	1/5 mouth	S.M.

III Rks. Mixture Formula "F"

22	19	15	12	8
26	22	19	15	12
29	26	22	19	15
1-18	19-36	37-48	49-54	55-61
Unison	48	@ 8' CC	17-1/2	1/4 mouth Tin
Quint	49	@ 8' CC	17-1/2	1/4 mouth Tin

II Rks. Zimbel Formula "G"

33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-12	13-24	25-36	37-42	43-48	49-56	57-61
Unison	49	@ 8' CC	17-1/2	1/4 mouth	Tin	
Quint	50	@ 8' CC	17-1/2	1/4 mouth	Tin	

ANTIPHONAL ORGANV Rk. Mixture Formula "H"
Present V Rk. Swell Mixture

15	12	8	5	1
19	15	12	8	5
22	19	15	12	8
26	22	19	15	12
29	26	22	19	15
1-15	16-27	28-39	40-51	52-61
Unison	50	@ 8' CC	17-1/2	2/9 mouth S.M.
Quint	52	@ 8' CC	17-1/2	1/5 mouth S.M.

PEDAL ORGAN

III Rks. Mixture Formula I

4'	57	17	1/4 mouth	S.M.	32 Pipes
2-2/3'	66	17	2/9 mouth	S.M.	56 Pipes
2'	70	17	1/4 mouth	S.M.	56 Pipes