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M. P. MOLLER ORGAN FACTORY

11785 CHAPEL, RIVER ROAD BAPTIST CHURCH, RICHMOND, VIRGINIA

SPECIFICATIONS FOR SPECIAL SERIES 80-5 ORGAN WITH CELESTE
To be completed December 1, 1988

GENERAL

(1) ORGAN

Cabinet	Refer to layout
Wood & Finish	Colonial Design
Action	White Pine - to customer's sample
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70 degrees F.

(2) CONSOLE

Cabinet	Standard Design 80 U - with glides
Wood & Finish	White Pine - to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes - Bone/Walnut
Pedal Compass	CCC to G, 32 notes
Stop Controls	Maple Tilting Tablets
Action	All electric with under-key contacts

(3) BLOWER (detached)

Type	Ventus 610B12 - .45 HP - 3360 RPM
Wind	260 CFM @ 4" - 5" outlet
Current Specification	1 Phase 60 Cycles 120 ²⁴⁰ Volts 4 ^{3.1} Amperes
Overall Size	1'-2 3/4" wide x 1'-6 1/8" long x 1'-4 1/8" high

(4) POWER UNIT (mounted in organ cabinet)

Rating	DC output - 11-15 Volts - 20 Amperes
AC Input	1 Phase 60 Cycles 120 Volts 4.5 Amperes
Overall Size	9" wide x 10-1/2" deep x 5" high

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

* 1	8	Principal.....	85 pipes
2	8	Rohrflote.....from #9.....	61 notes
3	8	Gemshorn.....from #10.....	61 notes
4	4	Octave.....from #1.....	61 notes
5	4	Waldflote.....from #9.....	61 notes
6	2	Super Octave..from #1.....	61 notes
7	8	Trompette.....from #17.....	61 notes
8		Chimes....prepared for in console only	

* In facade as practical

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SWELL ORGAN (Enclosed)

9	8	Rohrflote.....	85	pipes
10	8	Gemshorn.....	80	pipes
11	8	Gemshorn Celeste TC.....	49	pipes
12	4	Spitzflote....from #10.....	61	notes
13	2-2/3	Nazard.....#9.....	61	notes
14	2	Blockflote....from #9.....	61	notes
15	1-3/5	Tierce TC.....from #10..(repeat top notes).....	49	notes
16	1-1/3	Larigot.....from #10..(repeat top octave).....	61	notes
17	16	Contre Trompette.....	85	pipes
18	8	Trompette.....from #17.....	61	notes
19	4	Clairon.....from #17.....	61	notes
20		Tremolo		

PEDAL ORGAN

**21	16	Bourdon Subbass.....	12 pipes, 20 from #9.....	32 notes
22	8	Principal.....from #1.....	32	notes
23	8	Rohrflote.....from #9.....	32	notes
24	4	Octave.....from #1.....	32	notes
25	32	Trompette Cornet...from #9 & 17.....	32	notes
26	16	Trompette.....from #17.....	32	notes
27	4	Clairon.....from #17.....	32	notes

** Unenclosed

COUPLERS

28	Great to Pedal
29	Swell to Pedal
30	Swell to Great
31	Swell to Great 4
32	Great 4
33	Swell 4

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf
 Transparent music rack with light
 Pedal light
 Motor and power unit on-off switch (lock type) with indicator light
 (amber jewel) and related electric wiring

GENERAL

Organ to be installed by factory personnel.
 Tonal finishing to be by head factory finisher.

RVK/k 6/1/88

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PIPE ANALYSIS

STOP _____ PITCH PIPES SCALE HALVING MOUTH REMARKS _____ W.P.

GREAT ORGAN - Unenclosed

Principal 8 85 43/55/67/80/93 17 1/4 12 Zinc SM ~~3-1/2"~~ ~~In facade as practical~~

#1-5 4 1/2"

#6-11, 18-34 in facade with special feet & extended bodies.

#6 up 3 1/2"

SWELL ORGAN - Enclosed

Rohrflote 8 85 #1-12 ~~Reg. Man. Bdn.~~ ~~Art. Tap. Bass~~ Wood #1-4 4-1/2"

* SEE BELOW #13-68 21 2/9 CM #5 up 3-1/2"

#13-30 Sm. S. Chimneys #19-26 62

#37-76 17 2/9 SM

Spillflote LTT #37 up

Gemshorn 8 80 CC 56 19 2/9 12 Zinc SM 3 1/2"

C 68-1/2 19 2/9 #1-12 4-1/2"

#56-98 17 1/6 #13 up 3-1/2"

Gemshorn Celeste 8 TC 49 56-1/2 19 2/9 SM 3-1/2"

Contre Trompette 16 85 3" CCC to FF half length Zinc & SM

FF# up full length C(F) Esch. 3-1/2"

PEDAL ORGAN - Unenclosed

Subbass 16 12 ~~Reg. Man. Bdn.~~ ~~Spec. Man. Bdn.~~ Wood 4-1/2"

32 TROMPETTE CORNET WIRING SCHEME

6-2/5 - #1-12 play 8 Rohrflote #5-16

4-4/7 - #1-12 play 8 Rohrflote #11-22

3-5/9 - #1-12 play 8 Rohrflote #15-26

#13-32 play 16 Contre Trompette #1-20

DMG/k

Rohrflote 8 85 #1-12 Spec. Man. Bdn. 3 1/2"

#13-30 68 21 (Rohrflöte) 2 1/4 SOS Chimney

#31-49 76 18 (Spillflöte) 2 1/4 LTT Sm

#50-up 92 17 (Open Metal) 1 1/5 Sm