

AR SERIES ORGAN
EARMARK FOR

#11719 - FIRST UNITED METHODIST CHURCH, PILOT MOUNTAIN, NORTH CAROLINA
SPECIFICATIONS FOR SERIES 80-9 + CELESTE ORGAN
TO BE COMPLETED - AUGUST 1, 1986
ADVANCED TO MAY 1986

2/10/86
GENERAL

(1) ORGAN

Great	Unenclosed & Exposed Divided, Provide Enclosure
Swell	Chamber installation - layout will be provided
Wood & Finish (Enclosures)	Rift Sawn Oak, to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak, to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with under-key contacts

(3) BLOWER (mounted in Blower Room)

Type	Style 2-P-2117- ²¹¹⁶ 3/4 HP - 1750 RPM
Wind	340 c.f.m. @ ^{3 1/2"} 8" Outlet
Current Specification	3 Phase - 60 Cycles - ²⁰⁸ Volts - 2.6 Amperes
Overall Size	2'-9 3/4" x 1'-10 3/8" x 2'-3 1/4" high

(4) POWER UNIT (mounted in organ)

Rating	DC Output: 10-15 Volts - 30 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed & Exposed)

* 1	16	Bourdon-----	92 pipes
* 2	8	Principal -----	80 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Gemshorn -----from #13-----	61 notes
5	4	Octave-----from #2-----	61 notes
6	4	Gedeckt-----from #1-----	61 notes
7	2	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flute -----from #1--(repeat 5 top notes)-----	61 notes
9	III-IV Rks.	Mixture-----	208 pipes
10		Chimes----Mayland bells and electric action, relay, transformer and volume control, A to F, #22-42---	21 bells
11		Tremolo	

* Exposed #13 up

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	80 pipes
13	8	Gemshorn-----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Rohrflöte -----from #12-----	61 notes
16	4	Gemshorn -----from #13-----	61 notes
17	2	Rohrflöte-----from #12--(repeat 5 top notes)-----	61 notes
18	1-1/3	Larigot -----from #13--(repeat top octave)-----	61 notes
19	1	Siffelöte-----from #12--(repeat 17 top notes)-----	61 notes
20	16	Contre Trompette -----	80 pipes
21	8	Trompette -----from #20-----	61 notes
22	4	Clairon -----from #20--(repeat 5 top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Bourdon -----from #1-----	32 notes
25	8	Principal-----from #2-----	32 notes
26	8	Rohrflöte -----from #12-----	32 notes
27	4	Octave -----from #2-----	32 notes
28	4	Gedeckt -----from #1-----	32 notes
29	III Rks.	Mixture -----from #9-----	32 notes
30	16	Contre Trompette-----from #20-----	32 notes
31	4	Clairon -----from #20-----	32 notes

COUPLERS

32	Great to Pedal
33	Swell to Pedal
34	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

Concave, radiating pedal ~~c~~lavier
 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 electrical wiring.

GENERAL

Supports and casework for exposed pipework by M. P. Moller, Inc.
 Following its completion, organ to be checked for tonal finishing by factory finisher.

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESS
<u>GREAT ORGAN</u>							
*Bourdon	16	92	CCC to BBB Reg. Man. Bourdon CC 56	21-1/2	2/9	Wood 17 Zinc CM	3-1/2
*Principal	8	80	45	17-1/2	1/4	19 Zinc SM	3-1/2
Mixture	III-IV	208	See Formula Below			SM	3-1/2
<u>SWELL ORGAN</u>							
Rohrflöte	8	80	56	21-1/2	2/9	18 Zinc CM Sm. I.S. Chimneys 19-62 Pull in 8 scales between #62 & 73	3-1/2
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc SM	3-1/2
Gemshorn Celeste TC	8	49	56-1/2 @ CC	19-1/2	2/9	5 Zinc SM	3-1/2
Contre Trompette	16	80	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & SM	3-1/2

GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12	12
26	22	19	15	15	15	
29	26	22	19	19		
	29	26	22			
1-12	13-18	19-30	31-49	50-54	55-56	57-61

Unison 47 Sc. 17-1/2 1/4 mouth SM
 Quint ~~49~~₅₀ Sc. 17-1/2 1/4 mouth SM

(*) #13 up exposed

AEN/mr
 12/14/86