

AR SERIES ORGAN
 EARMARK FOR
 #11669 - HOLY FAMILY ROMAN CATHOLIC CHURCH, RANDALLSTOWN, MARYLAND
 SPECIFICATIONS FOR SERIES 80-8 ORGAN
 TO BE COMPLETED SEPTEMBER 23, 1984

GENERAL

(1) ORGAN

Cabinets (2)
 Great
 Swell
 Wood & Finish
 Action
 Wind Pressure
 Pitch

Special Design with extra grille
 Standard Design
 Rift Sawn Oak, M-4150-2
 Electro-Pneumatic (unit type)
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Standard Design
 Rift Sawn Oak, M-4150-2
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric with under-key contacts

(3) BLOWER (mounted in blower area)

Type
 Wind
 Current Specification
 Overall Size

2-P-2116 - 1/2 H.P. - 1750 RPM - 6" outlet
 300 c.f.m. @ 3-1/2"
 / Phase - 60 Cycles - 240 Volts - 3.6 Amperes
 2'- 5 3/4" long x 1'- 10 3/8" wide x 2'- 6 1/4" high

(4) POWER UNIT (mounted in blower area)

Rating
 AC Input
 Overall Size

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

CONSOLE AND ORGAN

GREAT ORGAN

* 1	8	Principal-----	85 pipes
2	8	Rohrflöte-----from #9-----	61 notes
3	8	Gemshorn -----from #10-----	61 notes
4	4	Octave-----from #1-----	61 notes
5	4	Rohrflöte -----from #9-----	61 notes
6	2	Super Octave-----from #1-----	61 notes
* 7	III-IV	Mixture-----	208 pipes
8		Chimes-----(prepared for in console only)	

SWELL ORGAN (Enclosed)

9	8	Rohrflöte-----	80 pipes
10	8	Gemshorn -----	80 pipes
11	8	Gemshorn Celeste TC---(prepared for in console only)	
12	4	Rohrflöte-----from #9-----	61 notes
13	4	Gemshorn-----from #10-----	61 notes
14	2	Rohrflöte -----from #9---(repeat 5 top notes)-----	61 notes
15	1-1/3	Larigot-----from #10---(repeat top octave)-----	61 notes
16	1	Sifflöte-----from #9---(repeat 17 top notes)-----	61 notes
17	16	Contre Trompette-----	73 pipes
18	8	Trompette-----from #17-----	61 notes
19	4	Clairon-----from #17---(repeat top octave)-----	61 notes
20		Tremolo	

PEDAL ORGAN

21	32	Untersatz-----from #22 & 9-----	32 notes
* 22	16	Bourdon-----12 pipes, 20 from #9-----	32 notes
23	8	Principal-----from #1-----	32 notes
24	8	Rohrflöte-----from #9-----	32 notes
25	4	Octave-----from #1-----	32 notes
26	4	Rohrflöte-----from #9-----	32 notes
27	III	Mixture-----from #7-----	32 notes
28	32	Trompette Cornet--#9 & 17-----	32 notes
29	16	Contre Trompette--from #17-----	32 notes
30	4	Clairon-----from #17-----	32 notes

(*) Unenclosed

COUPLERS

31	Great to Pedal
32	Swell to Pedal
33	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel

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 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 electrical wiring.

PIPE ANALYSIS

	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN</u> - Unenclosed							
Principal	8	85	45	17-1/2	1/4	19 Zinc S.M.	#1-16 4-1/2" 17 up 3-1/2"
Flute	III-IV	208	See Formula Below				3-1/2"
<u>SWELL ORGAN</u> - Enclosed							
Flöte	8	80	CC to BB Reg. Art. Tapered Bass TC 68	21-1/2	2/9	Wood 6 Zinc C.M.	3-1/2"
				SM. I.S. Chimneys	#19-62		
				Pull in 12 scales between #62-73			
Horn	8	80	CC 56 C 68-1/2 #56 98	19-1/2	2/9	17 Zinc S.M.	3-1/2"
Re Trompette	16	73	CCC 3" CC 2-1/4"	#1 - 18 1/2 length		Zinc & S.M. D(F) Each.	3-1/2"

PEDAL ORGAN

Bourdon	16	12	Reg. Man. Bourdon			Wood	4-1/2"
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GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12
26	22	19	15	15	15
29	26	22	19	19	
	29	26	22		
1-17	18-29	30-36	37-49	50-54	55-61

Unison 47 Sc. 17-1/2 1/4 mouth S.M.
 Quint 49 Sc. 17-1/2 1/4 mouth S.M.

32 UNTERSATZ WIRING

#1-12 plays #1-12 16 Bourdon
 #1-12 plays #8-19 16 Bourdon
 #13-32 plays #1-12 16 Bourdon & 1-8 8 Rohrflöte

32 TROMPETTE CORNET WIRING

#1-12 plays #5-16 8 Rohrflöte
 #1-12 plays #11-22 8 Rohrflöte
 #1-12 plays #15-26 8 Rohrflöte
 #13-32 plays #1-20 16 Contre Trompette