

AR SERIES ORGANS
 EARMARK FOR
 #11587, ST. ELIZABETH OF HUNGARY PARISH, BALTIMORE, MD.
 SPECIFICATIONS FOR A 6 STOP SERIES 70 ORGAN
 TO BE COMPLETED: JUNE 1, 1982

2/9 + 1

(1) ORGAN

Great Organ	Exposed and Divided, provide enclosures
Swell Organ	Special Design (4'-6" x 6'-0" x 7'-10 1/2" H)
Action	Electro-pneumatic (unit type)
Wood & Finish	Rift Sawn Oak - M-4150-2
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 700F

(2) CONSOLE

Cabinet	Standard 70 Series design (Provide Glides)
Wood & Finish	Rift Sawn Oak - M-4150-2
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 for stops and couplers.

(3) BLOWER (located below Swell Organ)

Type	2-P-2116 - 1/2 H.P. - 1750 RPM - 6" outlet
Wind	360 C.F.M. @ 3-1/2"
Current Specifications	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2'-5 3/4" x 1'-10 3/8" x 2'-6 1/4" high

(4) POWER UNIT (located in Organ)

Rating	DC Output 10-15 volts, 30 amperes
Current Specification	1 ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

GREAT ORGAN (Exposed)

1	16	Bourdon-----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedackt -----from #1-----	61 notes
4	8	Gemshorn -----from #12-----	61 notes
5	4	Octave -----from #2-----	61 notes
6	4	Gedackt-----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	Mixture -----	208 pipes
10		Tremolo	

SWELL ORGAN (Expressive)

11	8	Rohrflöte-----	85 pipes
12	8	Gemshorn -----	85 pipes
13	8	Gemshorn Celeste TC--(prepared for)	
14	4	Spitzprincipal-----from #12-----	61 notes
15	4	Rohrflöte-----from #11-----	61 notes
16	2	Rohrflöte-----from #11-----	61 notes
17	1-1/3	Larigot-----from #12--(repeat 7 top notes)-----	61 notes
18	1	Sifflöte -----from #11--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette -----	80 pipes
20	8	Trompette -----from #19-----	61 notes
21	4	Clarion -----from #19--(repeat 5 top notes)-----	61 notes
22		Tremolo	

PEDAL ORGAN

23	32	Untersatz-----from #1-----	32 notes
24	16	Bourdon -----from #1-----	32 notes
25	8	Principal-----from #2 -----	32 notes
26	8	Rohrflöte -----from #11-----	32 notes
27	4	Octave -----from #2 -----	32 notes
28	4	Gedackt -----from #1 -----	32 notes
29	32	Trompette Cornet---from #11 & 19 -----	32 notes
30	16	Contre Trompette---from #19-----	32 notes
31	4	Clarion -----from #19-----	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

ACCESSORIES

Motor and power unit on-off switch(lock type) with indicator light and related electrical wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Transparent music rack
 Music rack light
 Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to CC 56	BBB Reg. Manual 21	Bourdon 2/9	Wood 17 Zinc	1-12 4-1/2" C.M.)13 up 3-1/2"
Principal	8	80	CC 48	⁴⁵ 17 18	1/4	19 Zinc	S.M.)1-12 4-1/2" 13 up 3-1/2"
Mixture	III-IV	208	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflöte	8	85	56	21	2/9	S.M. O.S. Chimneys (#19-#62)	18 Zinc C.M.	3-1/2"
Gemshorn	8	85	CC 56 C 68-1/2 #56 98	19 19 17	2/9 2/9 1/6	17 Zinc	S.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# & up full length			D(F) Eschallots Zinc & S.M.		3-1/2"

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 TROMPETTE CORNET WIRING

6-2/5 notes #1-12 plays 8 Rohrflöte #5-16
 4-4/7 notes #1-12 plays 8 Rohrflöte #11-22
 3-5/9 notes #1-12 plays 8 Rohrflöte #15-26
 notes #13-32 plays 16 Contre Trompette #1-20