

File

AR SERIES ORGANS
EARMARK FOR
#11588 THE ASHEVILLE SCHOOL, ASHEVILLE, N. C.
SPECIFICATIONS FOR A SERIES 80-9 ORGAN
TO BE COMPLETED: MAY 15, 1982

(1) ORGAN (chamber installation no cabinets)

Action	Electro-pneumatic (unit type)
Wind Pressure	See pipe analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard 80 series 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

(3) BLOWER (located below Great Organ in basement)

Type	2-P-2118 - 3/4 H.P. - 1750 RPM - 8" outlet
Wind	580 C.F.M. @ 3-1/2"
Current Specifications	1 Ph. 60 Cy. 240 Volts 5.2 Amperes
Overall Size	2'-9 3/4" x 1'-10 3/8" x 2'-6 1/4" high

(4) POWER UNIT (located in Blower Room)

Rating	DC Output 10-15 volts, 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 (Expressive)

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	Mixture	208 pipes
10		Chimes (prepared for)	
11		Tremolo	

8A *II* *Lesquillettes TC (Prepared for)*

SWELL ORGAN (Expressive)

12	8	Rohrflöte	85 pipes
13	8	Gemshorn	85 pipes
14	8	Gemshorn Celeste TC--(prepared for)	
15	4	Rohrflöte	61 notes
16	4	Gemshorn	61 notes
17	2	Rohrflöte	61 notes
18	1-1/3	Larigot	61 notes
19	1	Siffelöte	61 notes
20	16	Contre Trompette	80 pipes
21	8	Trompette	61 notes
22	4	Clarion	61 notes
23		Tremolo	
23A	32	<i>Untersatz (Prepared for)</i>	

PEDAL ORGAN

24	16	Principal--(prepared for)	
25	16	Bourdon	32 notes
26	8	Principal	32 notes
27	8	Rohrflöte	32 notes
28	4	Octave	32 notes
29	4	Gedeckt	32 notes
30	III	Mixture	32 notes
31	16	Contre Trompette	32 notes
32	4	Clarion	32 notes

COUPLERS

33	Swell to Great
34	Great to Pedal
35	Swell to Pedal

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ - 8 contacts (make to close)
 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

STOP	PITCH	PIPES	PIPE ANALYSIS		MOUTH	METAL	WIND PRESSURE
			SCALE	HALVING			
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB	Reg. Manual Bourdon		Wood)	
			CC to BB	Reg. Artiste Taper Bass		Wood)	3-1/2"
			TC 68	21	2/9	5 Zinc C.M.)	
Principal	8	80	CC 52 TC 60	18	1/4	19 Zinc S.M.)	3-1/2"
Mixture	III-IV	208	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
Rohrflöte	8	85	56	21	2/9	S.M. O.S. Chimneys (#19-#62)	
						18 Zinc C.M.	3-1/2"
Genshorn	8	85	CC 56	19	2/9	17 Zinc S.M.	3-1/2"
			C 68-1/2	19	2/9		
			#56 98	17	1/6		
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.		

ATC/mr
2/18/82