

AR SERIES ORGAN
 HARMARK FOR
 #11583, LA MESA PRESBYTERIAN CHURCH, ALBUQUERQUE, NEW MEXICO
 SPECIFICATIONS OF SEVEN STOP SERIES 70 ORGAN
 TO BE COMPLETED: SEPTEMBER 15, 1982

2/10+3

GENERAL

(1) ORGAN

Great Organ	Exposed and Divided, provide enclosures
Swell Organ	Standard Design
<i>Hood & Finish (Great)</i>	<i>Layout will be supplied</i>
Wood and Finish <i>(Swell)</i>	<i>Rift Sawn Oak, no finish to be determined</i>
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood and Finish	Rift Sawn Oak, <i>M-4150-2 to be determined</i>
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 in Blower *Room*)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	440 c.f.m. @ 3-1/2"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 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* console)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

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CONSOLE AND ORGAN

GREAT ORGAN (exposed)

1	16	Bourdon-----	92 pipes
2	8	Principal-----	80 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Gemshorn-----from #14-----	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	II	Sesquialtera--(prepared for in console only)	
10	III-IV	Mixture-----	183 pipes
11		Chimes----(prepared for in console only)	
12		Tremolo	

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SWELL ORGAN (enclosed)

13	8	Rohrflöte-----	73 pipes
14	8	Gemshorn -----	80 pipes
15	8	Gemshorn Celeste T.C.--(prepared for in console only)	
16	4	Spitzprinzipal -----	73 pipes
17	4	Rohrflöte -----from #13-----	61 notes
18	2	Spitzoctave-----from #16-----	61 notes
19	1-1/3	Larigot-----from #14--(repeat 12 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	Gedeckt -----from #1-----	32 notes
27	8	Gemshorn -----from #14 -----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	4	Rohrflöte-----from #13-----	32 notes
30	III	Mixture -----from #10-----	32 notes
31	16	Contre Trompette--from #20-----	32 notes
32	8	Trompette -----from #20 -----	32 notes
33	4	Clairon-----from #20 -----	32 notes

COUPLER

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

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)
and related electrical wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
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 BBB Reg. Manual CC 56	21-1/2	2/9	Wood) 17 Zinc C.M.)	1-12 4-1/2" 13 up 3-1/2"
Principal	8	80	45 48	17-1/2 18-1/2	1/4	19 Zinc S.M.)	1-12 4-1/2" 13 up 3-1/2"
Mixture	III-IV	183	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Rohrfloete	8	73	56	21-1/2	2/9	SM O.S. Chimneys (#19-#62) 18 Zinc C.M.	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 S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.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"

MIXTURE FORMULA

GREAT III-IV MIXTURE

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-37	38-49	50-54	55-56	57-61
Unison 47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.	

IMPORTANT

Voice at 4" W.P. for 5000 ft. altitude