

AR SERIES ORGAN
 EARMARK FOR
 #11593 - SANTA MARIA CATHOLIC CHURCH, ORINDA, CALIFORNIA
 SPECIFICATIONS FOR A 12 STOP SERIES 80 ORGAN
 (PLUS CELESTE)
 TO BE COMPLETED: OCTOBER 2, 1982

2/13
GENERAL

(1) ORGAN

Great & Pedal Organ	Unenclosed with facade, provide enclosure
Swell Organ	Special
Wood & Finish	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 with roll top
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 for stops and couplers.

(3) BLOWER (located in Organ)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	540 c.f.m. @ 3-1/2"
Current Specification	1 Ph - 60 Cy - 208 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 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 (Unenclosed)

1	16	Bourdon-----	-----92 pipes
* 2	8	Principal -----	-----80 pipes
3	8	Gedeckt ----- from #1-----	-----61 notes
4	8	Ganshorn ----- 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 TC -----	-----98 pipes
10	III-IV	Mixture -----	-----208 pipes
11		Chimes---(prepared for in console only)	
12		Tremolo	

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 Bourdon			Wood) 1-12 4-1/2" 13 up 3-1/2"	
			CC to BB Reg. Artiste Taper Bass			Wood		
			TC 68	21-1/2	2/9	5 Zinc C.M.)		
Principal	8	80	45	17-1/2	1/4	19 Zinc S.M.	1-10 4-1/2" 13 up 3-1/2"	
Mixture	III-IV	208	See Formula Below					3-1/2"
Sesquialtera TC	II	98	See Formula Below					3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys (19-62) 18 Zinc C.M.	3-1/2"
Genshorn	8	80	CC 56	19-1/2	2/9	17 Zinc S.M.	3-1/2"
			C 68-1/2	19-1/2	2/9		
			#56 98	17-1/2	1/6		
Genshorn Celeste TC	8	49	56-1/2 @ 8' CC		19-1/2 2/9	5 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) Eschallote Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	33	17-1/2	1/4	Zinc	4-1/2"
Rohrflöte	16	12	CCC 40, CC 56	21-1/2	2/9	Zinc & C.M.	4-1/2"

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

GREAT II SESQUIALTERA TC FORMULA

12	10
17	12

13-56	57-61
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2-2/3	74 Sc. @ #13	17-1/2	2/9 mouth S.M.	(Pull in 6 scales between 50-61)
1-3/5	82 Sc. @ #13	17-1/2	1/5 mouth S.M.	(Pull in 6 scales between 45-56, break at 57)

