

AR SERIES ORGAN

EARMARK FOR

#11586, OUR LADY QUEEN OF ANGELS CHURCH, OPELOUSAS, LOUISIANA

SPECIFICATIONS FOR AN 19 STOP SERIES 70 ORGAN

TO BE COMPLETED: JULY 1, 1982

3/25

GENERAL

(1) ORGAN

Great & Pedal Organ	Exposed, provide enclosures
Swell & Choir Organ	Standard Design
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 700 F

(2) CONSOLE

Cabinet	Special Design
Wood & Finish	Rift Sawn Oak to customer's sample
Manuals	Two and Pedal - 4 oz. key touch
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Draw Knobs & Tilting Tablets
Action	Electro-Pneumatic with under-key contacts.

(3) BLOWER (located in Blower space)

Type	3-P-2724 - 1-1/2 H.P. - 1160 RPM - 10" outlet
Wind	920 c.f.m. @ 3-1/2"
Current Specification	3 Ph - 60 Cy - 208 Volts - 5.9 Amperes
Overall Size	4'-10" x 2'-4" x 3'-1" high

(4) POWER UNIT (located in Blower space)

Rating	DC Output - 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 208 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

GREAT ORGAN - Manual IIExposed

1	16	Bourdon-----	97 pipes
2	8	Principal-----	61 pipes
3	8	Bourdon -----from #1-----	61 notes
4	4	Octave -----	61 pipes
5	4	Bourdon -----from #1 -----	61 notes
6	2	Flute -----from #1 -----	61 notes
7	II	Sesquialtera TC ----Formula "A" -----	98 pipes
8	II-IV	Furniture -----Formula "B" -----	183 pipes
* 9	8	Trompette en Chamade TC -----	49 pipes
10		Chimes	Mayland tubes and electric actions, relay, transformer
11		Tremolo	and volume control, A to F, #22 to #42-----21 tubes

SWELL ORGAN - Manual III
(Enclosed)

12	8	Rohrflöte -----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflöte -----from #12 -----	61 notes
17	2	Spitzoctave-----from #15 -----	61 notes
18	1-1/3	Larigot -----from #13--(repeat 12 top notes) -----	61 notes
19	1	Zimbel -----from #15--(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 7 top notes) -----	61 notes
23		Tremolo	

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CHOIR ORGAN - Manual I
(Enclosed)

24	8	Geigen Principal-----	85 pipes
25	8	Gedeckt -----	73 pipes
26	8	Celeste TC -----	49 pipes
27	4	Geigen Octave-----from #24-----	61 notes
28	4	Flute -----from #25-----	61 notes
29	2-2/3	Nazard-----from #25--(repeat 7 top notes)-----	61 notes
30	2	Super Octave-----from #24-----	61 notes
31	II-IV	Scharf Mixture-----Formula 'C' -----	183 pipes
32	8	Krummhorn -----	61 pipes
* 33	8	Trompette en Chamade---from #9-----	49 notes
34		Tremolo	

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PEDAL ORGAN

35	32	Resultant-----from #25 & 38-----	32 notes
36	16	Contrebasse-----	44 pipes
37	16	Bourdon-----from #1-----	32 notes
38	16	Gedecktbass-----12 pipes, 20 from #25-----	32 notes
39	8	Octave -----from #36-----	32 notes
40	8	Bourdon-----from #1 -----	32 notes
41	8	Gemshorn-----from #13 -----	32 notes
42	4	Choral Bass -----	56 pipes
43	4	Rohrflöte -----from #12 -----	32 notes
44	III	Mixture -----from #42 -----	32 notes
45	32	Trompette Cornet---from #12 & 20 -----	32 notes
46	16	Posaune -----	32 pipes
47	16	Contre Trompette---from #20-----	32 notes
48	8	Trompette-----from #20-----	32 notes
49	4	Clairon-----from #20-----	32 notes
50	4	Krummhorn-----from #32-----	32 notes

* Not affected by couplers or tremolo.

COUPLERS

51	Great to Pedal	57	Swell to Choir
52	Swell to Pedal	58	Swell to Choir 4
53	Choir to Pedal	59	Swell 4
54	Swell to Great	60	Choir Unison
55	Swell to Great 4	61	Choir 4
56	Choir to Great		

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4	Affecting Great Organ
Pistons No. 1-2-3-4	Affecting Swell Organ
Pistons No. 1-2-3-4	Affecting Choir Organ
Toe Studs No. 1-2-3-4	Affecting Pedal Organ
Pistons No. 1-2-3-4-5-6	Affecting Full Organ (duplicated by toe studs)
General Cancel	

PEDAL MOVEMENTS

Great to Pedal Reversible
 Swell to Pedal Reversible
 Choir to Pedal Reversible
 Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)
 Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
 Balanced Expression Pedal - Choir Organ (8 contacts, make to close)
 Balanced Crescendo Pedal with indicator light (green jewel)

32 Trumpet/Cornet reversible
32 Resultant reversible

ACCESSORIES

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

HWW/mr
 2/19/82
 Revised
 7/8/82

PIPE SCALE SHEET

Revised July 8, 1982

Revised May 6, 1982

DATE October 31, 1981

ORGAN NO. 11586

OUR LADY QUEEN OF ANGELS CHURCH

OPELOUSAS

LOUISIANA

Customer

City

State

ST	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P
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GREAT ORGAN (Exposed)

Bourdon	16	97	#1-24 #2 Sc. #25 up 66	21	2/9	Wood 1-10 3-1/2" 12 Zinc S.M. 11-16 5" 4" 17 up 3-1/2"	
Principal	8	61	44	17	1/4	21 Zinc S.M. 1-7 5" 4" 8 up 3-1/2"	
Octave	4	61	57	18	1/4	9 Zinc S.M. 3-1/2"	
Sesquialtera T.C.	II	98	Formula "A"			S.M. 3-1/2"	
Fourniture	II-IV	183	Formula "B"			S.M. 3-1/2"	
Trompette en Chamade T.C. 8		49	2-3/4" @ 4'	Reg. Zinc & S.M.		C(F) Esch. 6"	

SWELL ORGAN (Enclosed)

Rohrflöte	8	73	56	21	2/9	S.O.S. Chimneys (#19-62) 3-1/2" 18 Zinc C.M.	
Gemshorn	8	80	CC 56 C 68-1/2 56 98	19 19 17	2/9 2/9 1/6	17 Zinc S.M. 3-1/2"	
Gemshorn Celeste T.C.	8	49	56-1/2 @ 8'	CC 19	2/9	5 Zinc S.M. 3-1/2"	
Spitzprincipal	4	73	60-2/3	18	1/4	7 Zinc S.M. 3-1/2"	
Contre Trompette	16	80	3" CCC to FF half length FF# & up full length			D(F) Esch. Zinc & S.M. 3-1/2"	

PITCH A-440

COMPLETION July 1, 1982

COPIES TO: W.R.Daniels, P.M.Daniels, K.M.Moller,
Gillett-Office, Gillett-Factory(3), Kreglo,
Klock, Engr. Dept., Benchoff(2), Frey, Jenkins,
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OPELOUSAS

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STOPS	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.
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CHOIR ORGAN Enclosed

Geigen Principal	8	85	CC 52 TC 60	18	1/4	17 Zinc S.M. 1-12 13 up	5" 3-1/2"
Gedeckt	8	73	CC to BB Reg. Art. Tapered Bass C Reg. Art. Treble			Wood 1-4 Wood 5 up	5" 3-1/2"
Celeste T.C.	8	49	56	19	1/5	5 Zinc S.M.	3-1/2"
Scharf Mixture	II-IV	183	Formula "C"			S.M.	3-1/2"
Krummhorn	8	61	.784 O.D. Brass Tube capped			B(F) Esch.	3-1/2"

PEDAL ORGAN (Exposed)

Contrebasse	16	44	33/43	17	1/4	33 Zinc S.M.	3-1/2"
Gedacktbass	16	12	Reg. Manual Bourdon			Wood	5"
Choralbass	4	56	55/68/82	17	1/4	9 Zinc S.M.	3-1/2"
Posaune	16	32	#1-32 1/2 L CCC 5"	42-1/2		Zinc & S.M. C(F) Esch.	3-1/2"

MIXTURE FORMULAS

GREAT ORGAN

II Rks. T.C. Sesquialtera Formula "A" 98 pipes S.M. ~~3-1/2"~~ ^{4"}

15/2	10
17/5	12
13-56	57-61

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

PITCH

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Customer	City	State
ST.	PITCH	PIPES
SCALE	HALVING	MOUTH
REMARKS	W.P.	

MIXTURE FORMULAS (continued)

GREAT ORGAN

II-IV Rks. Fourniture Formula "B" 183 pipes S.M. ^{4/11} 3-1/2"

15	15	12	8	8	12	12
22	19	15	12	12	15	
	22	19	15	15		
		22	19			
1-12	13-25	26-37	38-49	50-54	55-56	57-61
Unison	46 Sc. @ 8'	17-1/2	1/4			
Quint	49 Sc. @ 8'	17-1/2	1/4			

CHOIR ORGAN

II-IV Rks. Scharf Mixture Formula "C" 183 pipes S.M. 3-1/2"

22	22	19	15	12	12	12	15
29	26	22	19	15	15	15	
	29	26	22	19	19		
		29	26	22			
1-12	13-25	26-32	33-37	38-49	50-54	55-56	57-61
Unison	50 Sc. @ 8'	17-1/2	1/4				
Quint	52 Sc. @ 8'	17-1/2	1/4				

PEDAL ORGAN

III Rks. Mixture derived from 4' Choralbass Unit

15
19
22
1-32

15th plays notes #13-44 of 4' Choralbass
19th plays notes #20-51 of 4' Choralbass
22nd plays notes #25-56 of 4' Choralbass

Pedal 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

PITCH

COMPLETION