

AR SERIES ORGAN
 EARMARK FOR
 #11598, LUTHERAN CHURCH OF THE RISEN LORD, ODESSA, TEXAS
 SPECIFICATIONS FOR A SPECIAL SERIES 80-8 (PLUS CELESTE) ORGAN
 TO BE COMPLETED - DECEMBER 12, 1982 OR EARLIER

2/9
GENERAL

(1) ORGAN

Great Organ
 Swell Organ

 Wood & Finish
 Action
 Wind Pressure
 Pitch

Exposed, ~~provide~~ ^{no} enclosure
 Special design - no cabinet
 Layout will be supplied
~~Rift Sawn Oak to customer's sample~~
 Electro-Pneumatic
 See Pipe Analysis
 A-440 @ 70°F

*See box on shades. Paint
 finished to customer's sample.*

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Standard design
 Rift Sawn Oak to customer's sample
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWER (located under organ)

Type
 Wind
 Current Specification
 Overall Size

2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
 300 c.f.m. @ 4"
 1 Phase - 60 Cycles - 208 Volts - 3.6 Amperes
 2'-5 3/4" long x 1'-10 3/8" wide x 2'-6" high

(4) POWER UNIT (located in organ)

Rating
 Current Specification
 Overall Size

DC Output - 10-15 Volts - 30 Amperes
 AC Input - 1 Phase - 60 Cycles - 120 Volts - 10 Amperes
 14-1/2" long, 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	8	Principal-----	85 pipes
2	8	Rohrflöte -----from #9 -----	61 notes
3	8	Gemshorn -----from #10-----	61 notes
4	4	Octave -----from #1-----	61 notes
5	4	Rohrflöte -----from #9-----	61 notes
6	2	Super Octave-----from #1 -----	61 notes
7	III-IV	Mixture -----	208 pipes
8		Chimes --- (prepared for in console only)	

SWELL ORGAN (Enclosed)

9	8	Rohrflöte-----	80 pipes
10	8	Gemshorn -----	80 pipes
11	8	Gemshorn Celeste T.C.-----	49 pipes
12	4	Rohrflöte-----from #9-----	61 notes
13	4	Gemshorn -----from #10 -----	61 notes
14	2	Rohrflöte-----from #9--(repeat 5 top notes)-----	61 notes
15	1-1/3	Larigot-----from #10--(repeat 5 top notes)-----	61 notes
16	1	Siffelöte-----from #9--(repeat 17 top notes)-----	61 notes
17	8	Trompette -----	61 pipes
18	4	Clairon -----from #17--(repeat 12 top notes)-----	61 notes
19		Tremolo	

PEDAL ORGAN

* 20	16	Bourdon-----12 pipes, 20 from #9-----	32 notes
21	8	Principal-----from #1 -----	32 notes
22	8	Rohrflöte-----from #9 -----	32 notes
23	4	Octave-----from #1 -----	32 notes
24	4	Rohrflöte-----from #9 -----	32 notes
25	III	Mixture-----from #7 -----	32 notes
26	16	Contre Trompette---12 pipes, 20 from #17 -----	32 notes
27	8	Trompette -----from #17 -----	32 notes
28	4	Clairon -----from #17 -----	32 notes

* Exposed *and finished to customer's sample*

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stage, reversible system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)

Concave and radiating pedal keyboard

Organ bench with music shelf

Transparent music rack

Music rack light

Pedal light

STOP	PITCH	PIPES	PIPE ANALYSIS		MOUTH	REMARKS	WIND PRESSURE
			SCALE	HALVING			
<u>GREAT ORGAN</u> (Exposed)							
Principal	8	85	45	17-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	208	See formula below				
<u>SWELL ORGAN</u> (Enclosed)							
Rohrflöte	8	80	56	21-1/2	2/9	Sm. O.S. Chimneys #19-62, 18 Zinc C.M.	3-1/2"
Pull in 12 scales between #68-80							
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"
Gemshorn Celeste	8 TC	49	56-1/2 @ 8 CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Trompette	8	61	2-1/4" CC to FF#	Half length		D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

*Bourdon	16	12	RMB Sc.			Wood	3-1/2"
Contre Trompette	16	12	3", half length			D(F) Eschallots, Zinc	3-1/2"

* Exposed *and finished to customer's sample.*

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.		

HW/mr
8/6/82