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AR SERIES ORGAN
EARMARK FOR
#11581 THE NORTH MADISON CONGREGATIONAL CHURCH, MADISON, CONNECTICUT
SPECIFICATIONS FOR SERIES 80-8 ORGAN + CELESTE
TO BE COMPLETED MARCH 1, 1987

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GENERAL

(1) ORGAN

Cabinet & Enclosure	Great - Exposed, Provide enclosure - Layout will be provided
Wood & Finish	Swell - Standard Design
Action	Birch - paint to customer's sample
Wind Pressure	Electro-pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Birch, paint & stain 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

(3) BLOWER (in Great Organ)

Type	Ventus 611412 - .75 HP - 3360 RPM
Wind	300 c.f.m. @ 4" - 5" outlet 6"
Current Specification	1 phase, 60 cycles, 120 volts - 4.6 amperes
Overall Size	1'-9 1/2" x 1'-5 3/4" x 1'-8 1/2" high

(4) POWER UNIT (mounted in Swell Organ cabinet)

Rating	DC Output: 10-15 volts - 30 amperes
AC Input	1 Phase - 60 Cycles, 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon -----	from #11 & 24 -----	61 notes
*2	8	Principal -----		85 pipes
3	8	Rohrflöte -----	from #11 -----	61 notes
4	8	Gemshorn -----	from #12 -----	61 notes
5	4	Octave -----	from #2 -----	61 notes
6	4	Rohrflöte -----	from #11 -----	61 notes
7	2	Super Octave -----	from #2 -----	61 notes
8	III-IV	Mixture -----		208 pipes
9	8	Trompette -----	from #20 -----	61 notes
10		Chimes -----	(prepared for in console only)	

(*) Unenclosed #1-12

SPECIFICATIONS FOR SERIES 80-8 ORGAN + CELESTE

SWELL ORGAN (Enclosed)

11	8	Rohrflöte -----	80 pipes
12	8	Gemshorn -----	80 pipes
13	8	Gemshorn Celeste TC -----	49 pipes
14	4	Rohrflöte -----from #11 -----	61 notes
15	4	Gemshorn -----from #12 -----	61 notes
16	2-2/3	Rohrmasat -----from #11 -----	61 notes
17	2	Rohrflöte -----from #11 (repeat 5 top notes) -----	61 notes
18	1-1/3	Larigot -----from #12 (repeat 12 top notes) -----	61 notes
19	1	Sifflöte -----from #11 (repeat 17 top notes) -----	61 notes
20	16	Contre Trompette -----	85 73 pipes
21	8	Trompette -----from #20 -----	61 notes
22	4	Clairon -----from #20 (repeat 12 top notes) -----	61 notes
23		Tremolo -----	

PEDAL ORGAN

*24	16	Bourdon -----12 pipes 20 from #11 -----	32 notes
25	8	Principal -----from #2 -----	32 notes
26	8	Rohrflöte -----from #11 -----	32 notes
27	4	Octave -----from #2 -----	32 notes
28	4	Rohrflöte -----from #11 -----	32 notes
29	III	Mixture -----from #8 -----	32 notes
30	16	Contre Trompette -----from #20 -----	32 notes
31	4	Clairon -----from #20 -----	32 notes

(*) Unenclosed #1-12

COUPLERS

32	Great to Pedal
33	Swell to Pedal
34	Swell to Great

ADJUSTABLE COMBINATIONS (Solid State-Single Memory)

Pistons No. 1-2-3-4-5-6-7-8
 General Cancel
 Setter Piston

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
 Balanced Expression Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf and height adjusting blocks
 Transparent music rack with light
 Pedal light
 Motor and power unit on-off switch (lock type) with indicator light (amber jewel)
 and related electrical wiring.

AEN/a

9/5/86

SPECIFICATIONS FOR 80-8 ORGAN + CELESTE

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
<u>GREAT ORGAN</u> - Exposed							
*Principal	8	85	45	17-1/2	1/4	12 Zinc S.M.	#1-12 4-1/2"
Mixture	III-IV	208	See Formula below				#13 up 3-1/2" 3-1/2"
<u>SWELL ORGAN</u> - Enclosed							
Rohrflöte	8	85	CC to BB Reg. Art. Tapered Bass Wood TC 68 21-1/2 2/9 6 Zinc C.M. Sm. I.S. Chimneys #19-62 Pull in 8 scales between #62-73				3-1/2"
Gemshorn	8	80	CC 56 19-1/2 2/9 17 Zinc S.M. C 68-1/2 19-1/2 2/9 #56 98 17-1/2 1/6				3-1/2"
Gemshorn Celeste TC	8	49	56-1/2 @ CC 19-1/2 2/9 5 Zinc S.M.				3-1/2"
Contre Trompette	16	85 73	3" CCC to FF half length FF# & up full length				D(F) Eschallots 3-1/2"
<u>PEDAL ORGAN</u>							
*Bourdon	16	12	Reg. Man. Bourdon Wood				4-1/2"

(*) Unenclosed #1-12 each

GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12	12
26	22	19	15	15	15	
29	26	22	19	19		
	29	26	22			
1-12	13-18	19-30	31-49	50-54	55-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.		
Quint	50 Sc.	17-1/2	1/4 mouth	S.M.		