

CHURCH	Bethlehem Lutheran Church			ADDRESS	15888 Greenfield, Detroit 27, Mich.		
PASTOR	Eino Tuori			ADDRESS	15885 Sussex, Detroit 27, Mich.		
CORRESPONDENT	Pastor			ADDRESS			
ARCHITECT				ADDRESS			
ORGANIST	Mrs. Harvey Baird			ADDRESS	c/o Church		
DRAYMAN				ADDRESS	church is ready		
CONTRACT REC'D	3/11/65		TO BE COMPLETED	9/1/65		BUILDING: (LD )	NEW
SIZE OF AUDITORIUM			SEATING CAPACITY			ARCHITECTURE	
OLD ORGAN	ALLOWANCE			DISPOSAL			
FREIGHT STATION			ROUTE			RATE	WEIGHT
ORGAN CHAMBER BY			CONDUITS BY			BLOWER PIPE BY	
STYLE BLOWER	H. P.		SIZE OF OUTLET			GENERATOR	
CURRENT: A. C.	D. C.	PHASE	CYCLE	VOLTS	BLOWER SHIPPED		
MANUALS	8-stop ARTISTE			CONTROLS	COUPLER CONTROLS		
ACTION	CONSOLE		WIND PRESSURE		PITCH		
WOOD: CASE	GRILLE		CONSOLE		DISPLAY PIPES		
REEDS VOICED BY							
DIAP.	FLUTES	STRINGS	REEDS	PERCUSSIONS			
SENT PLANS TO					DIMENSIONS OK	FRONT OK	
WROTE FOR WOOD SAMPLE	4/14/65				TO FINISHER		
WROTE FOR CURRENT SPEC.	3 - 60 - 240				BLOWER ORDERED SHIPPED		
WROTE FOR FREIGHT STATION & DRAYMAN							
STRATIS OF BLDG. & INSTALLATION DATE							
ORGAN SHIPPED	FINISHED		ERECTED BY		COST		
SALESMAN	Staley		PRICE		\$16,185.00		
CITY	DETROIT		STATE		MICHIGAN		INSTITUTION
						BETHLEHEM LUTHERAN CHURCH	
						ORGAN NO.	
						10124	

File

AR SERIES ARTISTE ORGANS  
EARMARK FOR

#10124 BETHLEHEM LUTHERAN CHURCH, DETROIT, MICHIGAN

SPECIFICATIONS OF EIGHT RANK ARTISTE ORGAN

GENERAL

(1) ORGAN

Great Organ	Unenclosed & exposed. Supply chest enclosure
Swell Organ	Chamber installation. Organ layout will be supplied.
Wood & Finish	Rift Sawn Oak to color block supplied
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2"; Trebles 3-3/4"
Pitch	A-440 @ 70° F

(2) CONSOLE

Cabinet	Standard design with roll top
Wood & Finish	Rift Sawn Oak to color block supplied
Manuals	Two & Pedal
Manual Compass	CC to Ch, 61 Notes
Pedal Compass	CCC to G, 32 Notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER

Type	Kinetic Style 2-P-2117 - 3/4 HP - 1750 RPM
Rating	650 cfm @ 4" - 8" outlet
Current Specification	3 Ph - 60 Cy - 240 Volts - 2.4 Amperes
Overall Size	1'-11" x 2'-8" x 2'-6" high
Blower Reservoir	2'-6" x 2'-6"

(4) POWER UNIT (mounted within console cabinet)

Type	DC Organ Power Unit (all voltage)
Rating	DC Output: 10 to 15 Volts - 15 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - <del>115</del> Volts - <del>5</del> Amperes
Overall Size	1'-1" x 1'-5" x 8-1/2" high

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CONSOLE AND ORGAN

GREAT ORGAN (unenclosed & exposed)

1	16	Rohrflöte.....	85 Pipes
2	8	Principal.....	80 Pipes
3	8	Rohrflöte.....from #1.....	61 Notes
4	8	Viole de Gamba.....from #13.....	61 Notes
5	8	Dulciana.....(#1 to #12 incl. from #1).....	49 Pipes
6	4	Octave.....from #2.....	61 Notes
7	4	Rohrflöte.....from #1.....	61 Notes
8	2	Super Octave.....from #2 (repeat 5 top notes).....	61 Notes
9	II	Mixture.....	122 Pipes
10		Chimes.....Deagan Class M- A to F #22 to #42 incl.....	21 Tubes
11		Tremolo	

SWELL ORGAN (enclosed)

12	8	Holzgedeckt.....	61 Pipes
13	8	Viole de Gambe.....	73 Pipes
14	4	Spitzprincipal.....	73 Pipes
15	4	Viole de Gambe.....from #13.....	61 Notes
16	2	Spitzoctave.....from #14.....	61 Notes
17	16	Contre Trompette.....	85 Pipes
18	8	Trompette.....from #17.....	61 Notes
19	4	Clairon.....from #17.....	61 Notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon.....from #1.....	32 Notes
22	8	Principal.....from #2.....	32 Notes
23	8	Rohrflöte.....from #1.....	32 Notes
24	8	Viole de Gambe.....from #13.....	32 Notes
25	4	Octave.....from #2.....	32 Notes
26	2	Rohrflöte.....from #1.....	32 Notes
27	II	Mixture.....from #9.....	32 Notes
28	16	Contre Trompette.....from #17.....	32 Notes
29	8	Trompette.....from #17.....	32 Notes
30	4	Clairon.....from #17.....	32 Notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1- Balanced Expression Pedal for Swell Organ
- 2- Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (mercury toggle type) with indicator light (red jewel) and related electrical wiring.

Music rack light.

Pedal light.

Concave and radiating pedal keyboard.

Organ bench with music shelf.

Swell shades, frames and motors as required.

#10124

## BETHLEHEM LUTHERAN CHURCH, DETROIT, MICHIGAN

PIPE ANALYSIS

STOP	PITCH	PIPFs	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u> (unenclosed & exposed)							
Rohrflöte	16	85	44 #25 up Small Outside Chimneys	20-1/2	2/9	24 <sup>all</sup> Zinc SM)	1-14 4-1/2" 15 up 3-3/4"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	19 Zinc SM)	1-14 4-1/2" 15 up 3-3/4"
Dulciana	8 TC	49	56	17-1/2	1/5	5 <sup>sm throat</sup> Zinc SM)	13 & 14 4-1/2" 15 up 3-3/4"
Mixture	II	122	See Formula Below			SM)	3-3/4"
<u>SWELL ORGAN</u> (enclosed)							
Holzgedeckt	8	61	CC to BB Special Artiste Bourdon TC Portable Bourdon Hardwood fronts #62 110	17-1/2	1/5	Wood) Wood) SM)	#1-4 <del>1-14</del> 4-1/2" 5 up 3-3/4"
Viole de Gambe	8	73	54	18-1/2	2/9	17 Zinc SM)	1-14 4-1/2" 17 up 3-3/4"
Spitzprincipal	4	73	60-3/4	18-1/2	2/9	SM)	1-4 4-1/2" 5 up 3-3/4"
Contre Trompette	16	85	2-1/2" GCC to FF half length FF# up full length D(F) Eschallots			) Zinc SM)	<del>1-12</del> 4-1/2" 13 up 3-3/4"

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GREAT II MIXTURE FORMULA

	19	15	12
	22	19	15
	1-42	43-54	55-61
Unison	50 Sc	18-1/2	1/4 mouth
Quint	51 Sc	18-1/2	1/4 mouth

NOTE: Great 8 Dulciana to be voiced very soft.3/11/65  
RHM/bf