

This Agreement, Made this 20 day of April 1964, by and between M. P. Möller, Inc., a corporation, of Hagerstown, Maryland, hereinafter called the "Manufacturer" and BRAINERD METHODIST CHURCH hereinafter called the "Church" whose address is 4315 Brainerd Road, Chattanooga, Tenn.

Witnesseth: That the parties hereto, each in consideration of the promises and agreements of the other party herein contained, do promise and agree as follows:

Manufacturer agrees:

1. To manufacture an organ after and according to the annexed specifications and to plans of the organ location space to be hereafter submitted by the Manufacturer and to erect said organ in the Church

ready for use on or before the 24 day of April 1965, or as soon thereafter as possible in the event of delays beyond its control.

2. That the organ when completed shall be first class, free from defects in material or workmanship, and that the Church may have it examined, immediately on completion, in the presence of a representative of the Manufacturer, by a competent and disinterested expert; if said examination shows that the organ does not conform with this Agreement, Manufacturer will, at its own expense, make it so conform.

3. To guarantee and does hereby guarantee the action and construction of the organ for a term of ~~five~~ ten years from the date of completion, against defects in material and workmanship; and agrees at its own cost to correct any defects in either material or workmanship that may be brought to its attention within that time. This guarantee does not include tuning or ordinary care of the organ (or electric motor and generator which are guaranteed by the manufacturers thereof for one year), nor does it include any difficulties with or failures in the mechanism or operation of said organ which may be brought about by failure properly to protect, service and care for the same or by misuse or abuse thereof.

The Church agrees:

4. To pay to Manufacturer the sum of \$ 99,745.00 as follows:
First Payment: 10 % or \$ 10,745.00 on signing of this Agreement.

* Second Payment: 25 % or \$ 25,000.00 when the organ is ready for assembly at the factory, and the balance as follows: 15% or \$15,000 on completion of organ in Church. Final payment of \$49,000 either - (a) within 30 days after acceptance of organ, or (b) in two annual payments of \$24,500 each with unpaid balance bearing 6% interest per annum and with first payment due 12 months, and second payment due 24 months, after acceptance of organ.

5. To pay any and all federal, state, county and/or city excise, sales and/or use taxes applicable to the transaction evidenced hereby; said taxes to be paid according to law to such person or authority as may be proper, in addition to the above price.

6. That the building and organ location space will be in proper condition for installation of the organ 8 weeks previous to the above mentioned date of completion, and further agrees if the building is not ready for the installation within six months after the above mentioned date of completion, to a possible increase in price up to and including 5% of the above mentioned price. Any such increase, if applied, must be as a result of increases in cost and justified by the Manufacturer as the direct result of delay in installation.

* Second payment shall not payable until after January 1, 1965.

7. That at and after the time of delivery it will provide all necessary light, heat, power, and uninterrupted opportunity to install said organ under such conditions as are necessary for proper tone regulation and tuning.

8. At its own cost to cause to be done, furnished, provided and/or installed: (a) Any necessary foundation and enclosures for the electric motor and blower, (b) all wind conductor between blower and organ, (c) all wiring connected therewith, (d) such lights as may be needed for the installation and future care of the organ, (e) any necessary cutting of floors, partitions or other parts of the building, (f) automatic remote control motor starter, electrical conduits or other special equipment when required, and (g) skids, block and tackle or other proper mechanical apparatus and all labor connected therewith, when organ chambers are so located that organ parts must be hoisted.

9. To carry out the provisions of Paragraph 8 hereof promptly and diligently so that installation of said organ is not delayed.

10. To assume and does hereby assume all risks of damage to or loss of said organ and its parts from and after such time as the same are placed in the building where the organ is to be installed (except such damage or loss as may directly result from the acts of the Manufacturer or persons making said installation of it); and at its own cost and expense immediately upon such delivery, to insure said organ and its parts against loss or damage by fire, water and other risks provided for in standard fire insurance policies containing extended coverage endorsement, in such manner and to such extent as will inure to the benefit of and fully protect the parties hereto, as their respective interests may appear.

It is mutually agreed:

11. That cabinet work (except as necessary to enclose the console), grilles, panel work, etc. are not included in this Agreement. Cabinet work to enclose mechanism of exposed divisions is included in this agreement.

12. That in the event manufacturer of the organ is delayed beyond the anticipated date of delivery mentioned in the Agreement by reason of governmental regulations, and during such period of delay the Manufacturer's labor and/or material costs shall increase to such extent that it believes, in good faith, that it cannot manufacture said organ at the named price without loss, the parties hereto will negotiate in good faith for a reasonable increase in price; in the event of failure to agree upon such increase, either party hereto may cancel this Agreement by written notice to the other; and upon such cancellation the Manufacturer shall promptly return any payment or payments theretofore received by it under this Agreement.

13. That the organ, when completed and installed, will in every event be and be deemed to be, and be treated as personal property; that the title and ownership thereof shall be and remain in the Manufacturer until the purchase price and any and all promissory notes given in respect thereof (together with all applicable interest thereon) have been fully paid, after which said organ shall become the property of the Church; and until the completion of payment as aforesaid the organ shall be held by the Church and/or other owner or lessee of the premises in which the same is contained in trust for the use, benefit and security of the Manufacturer, free, clear and excluded from any lien, mortgage, pledge or other encumbrance of whatever nature, except such as shall be expressly subject and subordinate to the right, title and interest of the Manufacturer as herein expressed.

14. That this Agreement shall be binding after, but not before, acceptance by the Manufacturer at Hagerstown, Maryland, where said organ is to be constructed in its plant; and that all verbal agreements and understandings are merged in this agreement and the specifications attached hereto, which constitute the entire agreement.

In Witness Whereof, The Church has caused this Agreement to be executed by its duly authorized officers and its seal to be hereto affixed the day and year first above written, and Manufacturer has caused this Agreement to be accepted by its duly authorized officers and its seal to be hereto affixed the day and year hereinafter written.

WITNESS:

BRAINERD METHODIST CHURCH
Church

Melvin H. Wessel
.....

Richard Dietzen
By (SEAL)
Chairman, the Official Board

Mary Belle Holmes (SEAL)
Secretary, the Official Board

Corley R. Young (SEAL)
Chairman, Board of Trustees

Owen S. C. Hammer (SEAL)
Chairman, the Music Committee

MANUFACTURER'S SALES REPRESENTATIVE:

W. R. Bradberry
.....

This agreement is not binding until accepted by M. P. Möller, Inc., at Hagerstown, Maryland.

Accepted, Hagerstown, Maryland.

M. P. MÖLLER, INC.

4-24-64 196... By W. R. Daniels, Pres.

NOTE—If terms other than "cash on completion" are desired they can be arranged for before agreement is signed. All deferred payments to be secured by notes signed by church trustees or other proper officers or persons and bear interest at 6% from date.

M. P. MÖLLER Organ Factory

Slifer

Pipe Organ No. 9982 Date April 24, 1964
 For BRAINERD METHODIST CHURCH, CHATTANOOGA, TENNESSEE
 Action Moller's Electro-Pneumatic Console Detached
 Casing No. To enclose chests of exposed divisions Finish As Per Sample
 Decorations ~~None~~ grille cloth draperies for tone openings Motor 15 H.P. Style 6-P-3330
 Width of Key-bed Standard Stops and intra-manual couplers by Stop Controls, draw knobs, Inter-manual
 No. Manuals FOUR Touch. Level Manuals couplers by tilting tablets
 To be Completed April 24, 1965 Wind Pressure Gt. & Ch. 3 1/2" Sw. 3 1/2" Bom. 4" & 7"
 Blower Pipe furnished by Purchaser Ped. 3 1/2" & 5"

PITCH: A-440

SPECIFICATIONS

GREAT ORGAN 3-1/4" Wind Unenclosed and Exposed

1.	16'	Quintaton (1) #1 44 18 1/2 ..#25 72 20 1/2.....	24 Zinc S.M....	61 Pipes
2.	8'	Prinzipal (1).....	46.....17-1/2.....	12 Zinc S.M....61 Pipes
3.	8'	Bourdon (2).....	54.....20-1/2.....	12 Zinc S.M....61 Pipes
4.	8'	Gemshorn (2).....	52-1/3.....17-1/2.....	12 Zinc S.M....61 Pipes
5.	4'	Octav (1).....	58.....18-1/2.....	S.M....61 Pipes
6.	4'	Spitzflöte (2).....	58-2/3.....18-1/2.....	S.M....61 Pipes
7.	2'	Super Octav (1).....	71.....18-1/2.....	S.M....61 Pipes
8.	2'	Waldflöte (2).....	68-3/4.....20-1/2.....	S.M....61 Pipes
9.	II Rks.	Sesquialtera (2).....	Formula "A" 1/2 as specified.....	S.M....122 Pipes
10.	IV Rks.	Mixtur (1).....	Formula "B" 17-1/2.....	S.M....244 Pipes
11.	III Rks.	Scharf (1).....	Formula "C" 17-1/2.....	S.M....183 Pipes
12.		Chimes..Deagan Class "A" G to G, #20 to #44		
		installed in Bombarde expression chamber.....		25 Tubes

- (1) Major Chorus exposed on right side of chancel
 (2) Minor Chorus exposed on left side of chancel

BOMBARDE DIVISION 4" & 7" Wind

13.	V Rks.	Harmonics.....	Formula "D" 18-1/2.....	S.M....4305 Pipes
14.	16'	Bombarde T.C.....	from #15.....	49 Notes
15.	8'	Bombarde.....	3-3/4" Har. 2' C.....	61 Pipes
16.	4'	Clarion.....	2-23/32" Har. 1' C.....	61 Pipes

SWELL ORGAN 3-1/2" Wind

17.	16'	Flute Conique..CCC 38-2/3..CC 48-2/3..	18-1/2..24 Zinc S.M....	61 Pipes
18.	8'	Geigen Principal..48.....	18-1/2.....	12 Zinc S.M....61 Pipes
19.	8'	Flute a Cheminee..54.....	21-1/2.....	12 Zinc S.M....61 Pipes
20.	8'	Viola da Gamba...54.....	17-1/2.....	12 Zinc S.M....61 Pipes
21.	8'	Viole Celeste.....56.....	17-1/2.....	12 Zinc S.M....61 Pipes
22.	4'	Prestant.....59.....	18-1/2.....	S.M....61 Pipes
23.	4'	Flute Allemande...58.....	Har. Flt.....	S.M....61 Pipes
24.	2'	Flute a Bec.....68-2/3..	19-1/2.....	S.M....61 Pipes
25.	1-1/3'	Larigot.....80-2/3..	20-1/2.....	S.M....61 Pipes

SWELL ORGAN (continued)

26.	IV Rks.	Plein Jeu.....	Formula "E" 18-1/2.....	S.M....	244	Pipes
27.	16'	Bassoon....3"	42-1/2 Tpt. Pattern.....		61	Pipes
28.	8'	Trompette.....	2-3/4"....42-1/2.....		61	Pipes
29.	8'	Hautbois...3"	Reg. Oboe Pattern Open.....		61	Pipes
30.	4'	Clarion.....	1-7/8"....42-1/2.....		61	Pipes
31.		Tremulant				

CHOIR ORGAN 3-1/4" Wind

32.	16'	Flauto Dolce.....	44-2/3...18-1/2.....	24 Zinc S.M....	73	Pipes
33.	8'	Nachthorn.....	56.....20-1/2.....	12 Zinc S.M....	61	Pipes
34.	8'	Viola Pomposa.....	50.....18-1/2.....	12 Zinc S.M....	61	Pipes
35.	8'	Viola Celeste.....	52.....18-1/2.....	12 Zinc S.M....	61	Pipes
36.	8'	Flauto Dolce.....	from #32.....		61	Notes
37.	8'	Flauto Dolce Celeste T.G...	58-2/3 @ 8' CC 18-1/2			
				5 Zinc S.M....	54	Pipes
38.	4'	Spitzprincipal....	60-3/4...18-1/2.....	S.M....	61	Pipes
39.	4'	Koppelflöte.....	64.....20-1/2.....	S.M....	61	Pipes
40.	2-2/3'	Nazat.....	68-2/3...20-1/2.....	S.M....	61	Pipes
41.	2'	Klein Prinzipal...74.....	18-1/2.....	S.M....	61	Pipes
42.	1-3/5'	Terz.....	80-1/2...19-1/2.....	S.M....	61	Pipes
43.	1'	Siffelöte.....	86-3/4...19-1/2.....	S.M....	61	Pipes
44.	III Rks.	Zimbel.....	Formula "F" 17-1/2.....	S.M....	183	Pipes
45.	16'	Holzregal.....	1-1/4" x 1-1/4".....		61	Pipes
46.	8'	Cromorne.....	1".....		61	Pipes
47.	4'	Trichter Regal....	2-1/2"..Brass Tube Funnel Top.....		61	Pipes
49.		Tremulant				

PEDAL ORGAN (Unenclosed except *) 3-1/2" & 5" Wind

** 50.	32'	Untersatz..1-5 wire (13-17) & (20-24) 32' Series				
		#6 FFFF 11-7/8 x 13-3/4 I.D...#13 Lg. Ped. Bdn.	3 1/2" 2)		39	Pipes
51.	16'	Prinzipal.....	32.....17-1/2.....	29 Zinc S.M. 3 1/2" 4)	32	Pipes
52.	16'	Bordun.....	from #50.....		32	Notes
53.	16'	Quintaton.....	from #1.....		32	Notes
* 54.	16'	Flute Conique.....	from #17.....		32	Notes
* 55.	16'	Flauto Dolce.....	from #32.....		32	Notes
56.	8'	Octav.....	45.....17-1/2.....	17 Zinc S.M. 3 1/2" 4)	32	Pipes
57.	8'	Quintaton.....	from #1.....		32	Notes
* 58.	8'	Flauto Dolce.....	from #32.....		32	Notes
* 59.	8'	Flute Conique.....	from #17.....		32	Notes
60.	4'	Super Octave.....	57.....18-1/2.....	S.M. 3 1/2" 4)	32	Pipes
61.	4'	Nachthorn.....	54.....19-1/2.....	S.M. 3 1/2" 4)	44	Pipes
* 62.	4'	Flute Conique.....	from #17.....		32	Notes
63.	2'	Nachthorn.....	from #61.....		32	Notes
64.	II Rks.	Rauschquinte.....	Formula "G" 17-1/2.....	S.M. 3 1/2" 4)	64	Pipes
65.	II Rks.	Mixtur.....	Formula "H" 17-1/2.....	S.M. 3 1/2" 4)	64	Pipes
66.	32'	Posaune (1-12 half length) CCC 6" CCC 7" 8686-4 1/2" 5" 4)			68	Pipes
67.	16'	Posaune.....	from #67 #66.....		32	Notes
* 68.	16'	Bassoon.....	from #27.....		32	Notes

PEDAL ORGAN (continued)

69.	8'	Posaune.....from #66.....	32 Notes
* 70.	8'	Bassoon.....from #27.....	32 Notes
71.	4'	Klarine.....from #66.....	32 Notes
*72.	4'	Cromorne.....from #46.....	32 Notes
*73.		Chimes...Wire #8 to #32 from 12.....	25 Notes

** 16' C to F below, real pipes; lower five quinted

COUPLERS

74.	Major Great to Pedal 8'
75.	Minor Great to Pedal 8'
76.	Swell to Pedal 8'
77.	Swell to Pedal 4'
78.	Choir to Pedal 8'
79.	Choir to Pedal 4'
80.	Bombarde to Pedal 8'
81.	Swell to Great 16'
82.	Swell to Great 8'
83.	Swell to Great 4'
84.	Choir to Great 16'
85.	Choir to Great 8'
86.	Choir to Great 4'
87.	Bombarde to Great 8'
88.	Major Great to Choir 8' - Cancels Major Great Unison
89.	Minor Great to Bombarde 8'
90.	Choir to Swell 8'
91.	Choir to Swell 4'
92.	Bombarde to Swell 8'
93.	Swell to Choir 16'
94.	Swell to Choir 8'
95.	Swell to Choir 4'
96.	Minor Great to Choir 8'
97.	Minor Great Unison Separation
98.	Minor Great to Great 4'
99.	Swell 16'
100.	Swell Unison Separation
101.	Swell 4'
102.	Choir 16'
103.	Choir Unison Separation
104.	Choir 4'
105.	Major Great Unison Off
106.	Bombarde Unison Off
107.	Bombarde to Choir 8'

ADJUSTABLE COMBINATIONS

Remote Control Mechanism - Capture System

Pistons No. 1-2-3-4-5-6-7-8-0

Affecting Great Stops

Pistons No. 1-2-3-4-5-6-7-8-0

Affecting Swell Stops

Pistons No. 1-2-3-4-5-6-7-8-0

Affecting Choir Stops

Pistons No. 1-2-3-4-0

Affecting Bombarde Stops

Pistons No. 1-2-3-4-5-6-7-8-0

Affecting Pedal Stops (duplicated by toe studs)

No. 1-2-3-4-5-6-7-8-9-10-11-12

Affecting Full Organ (duplicated by toe studs)

General Cancel Piston

Setter Piston

Key operated combination lock

On & Off switches connecting Pedal Combinations to corresponding manual pistons on Great, Swell, Choir and Bombarde manuals.

PEDAL MOVEMENTS

Major Great to Pedal Reversible (duplicated by manual piston)

Minor Great to Pedal Reversible (duplicated by manual piston)

Swell to Pedal Reversible (duplicated by manual piston)

Choir to Pedal Reversible (duplicated by manual piston)

Bombarde to Pedal Reversible (duplicated by manual piston)

Balanced Expression Pedal - Swell Organ

Balanced Expression Pedal - Choir Organ

Balanced Expression Pedal - Bombard Organ

Balanced Crescendo Pedal

Tutti #1 (duplicated by manual piston)

Tutti #2 (duplicated by manual piston)

32' Bourdon Reversible

32' Posaune Reversible

All swells to swell reversible (duplicated by manual piston) with indicator light (white jewel).

ACCESSORIES

Crescendo indicator light (amber jewel)

Tutti #1 indicator (green light)

Tutti #2 indicator (red light)

Radiating, concave pedal clavier

Adjustable bench with back rest

Flexiglas music rack

Light for music rack

Light for pedal clavier

Wind indicator light

Momentary contact motor starter switch with lock interception

Electric clock

Electric metronome

Crescendo I to Crescendo Pedal by manual piston with indicator light (amber jewel)

Crescendo II to Crescendo Pedal by manual piston with indicator light (amber jewel)

Casework to enclose chests of exposed divisions

Supports for exposed divisions

Electric motor, blower and action power unit of ample capacity.

Signal light (amber jewel)

JHH/mb

10/12/64

Salesman: W.R.R.

SPECIAL MIXTURE FORMULASGREAT ORGAN

II Rks. Sesquialtera Formula "A"

12	12
17	15
1-50	51-61

12th	68	20-1/2	2/9 mouth	Sm. O.S. Chimney	S.M.
15th	72	18-1/2	2/9 mouth		S.M.
17th	75 $\frac{1}{2}$	19-1/2	1/5 mouth		S.M.

IV Rks. Mixture Formula "B"

19	15	12	8	8
22	19	15	12	12
26	22	19	15	15
29	26	22	19	15
1-12	13-24	22-36	37-48	49-61

Unison	47	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	48	@ 8' CC	17-1/2	1/4 mouth	S.M.

III Rks. Scharf Formula "C"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-8	9-16	17-24	25-32	33-40	41-48	49-61

Unison	48	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	49	@ 8' CC	17-1/2	1/4 mouth	S.M.

BOMBARDE ORGAN

V Rks. Harmonic Formula "D"

15	12	8	8
17	15	12	12
19	17	15	12
21 ^b	19	15	15
22	22	19	15
1-36	37-42	43-48	49-61

8th	4'	57	18-1/2	1/4 mouth	S.M.
12th	2-2/3'	65-3/4	18-1/2	2/9 mouth	S.M.
15th	2'	69	18-1/2	1/4 mouth	S.M.
17th	1-3/5'	75-1/2	18-1/2	1/5 mouth	S.M.
19th	1-1/3'	77-3/4	18-1/2	2/9 mouth	S.M.
21 ^b	1-1/7'	82-1/2	18-1/2	1/5 mouth	S.M.
22	1'	81	18-1/2	1/4 mouth	S.M.

SPECIAL MIXTURE FORMULAS

SWELL ORGAN

IV Rks. Plein Jeu Formula "E"

15	12	8	8
19	15	12	12
22	19	15	15
26	22	19	15
1-18	19-36	37-54	55-61

Unison	48	@ 8' CC	18-1/2	1/4 mouth	S.M.
Quint	49	@ 8' CC	18-1/2	1/4 mouth	S.M.

CHOIR ORGAN

III Rks. Zimbel Formula "F"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-12	13-24	25-36	37-42	43-48	49-54	55-61

Unison	50	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	52	@ 8' CC	17-1/2	1/4 mouth	S.M.

PEDAL ORGAN

II Rks. Rauschquinte Formula "G"

2-2/3'

2'

1-32

2-2/3'	65 scale	17-1/2	2/9 mouth	S.M.
2'	69 scale	17-1/2	1/4 mouth	S.M.

II Rks. Mixture Formula "H"

1-1/3'

1'

1-32

1-1/3'	78 scale	17-1/2	2/9 mouth	S.M.
1'	80 scale	17-1/2	1/4 mouth	S.M.

PIPE SCALE SHEET

ORGAN NO. 9982

DATE April 24, 1964

BRAINERD METHODIST CHURCH

CHATTANOOGA

TENNESSEE

Customer

City

State

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.
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GREAT ORGAN Unenclosed and Exposed

Quintaton	16'	61	#1 44 #25 72	18 20	2/9	24 Zinc S.M.	3-1/4"
Prinzipal	8'	61	46	17	2/9-1/4	12 Zinc S.M.	3-1/4"
Bourdon	8'	61	54	20	2/9	12 Zinc S.M.	3-1/4"
Gemshorn	8'	61	52-1/3	17	1/4	12 Zinc S.M.	3-1/4"
Octav	4'	61	58	18	1/4	S.M.	3-1/4"
Spitzflöte	4'	61	58-2/3	18	2/9	S.M.	3-1/4"
Super Octav	2'	61	71	18	1/4	S.M.	3-1/4"
Waldflöte	2'	61	68-3/4	20	2/9	S.M.	3-1/4"
Sesquialtera	II Rks.	122	Formula "A"	20	1/2 as specified	S.M.	3-1/4"
Mixtur	IV Rks.	244	Formula "B"	17		S.M.	3-1/4"
Scharf	III Rks.	183	Formula "C"	17		S.M.	3-1/4"

BOMBARDE DIVISION

Harmonics	V Rks.	305	Formula "D"	18		S.M.	4"
Bombarde	8'	61	3-3/4"	Har. 2' C		B(F) Eschallots	7"
Clarion	4'	61	2-23/32"	Har. 1' C		C(F) Eschallots	7"

PITCH A-440

COMPLETION April 24, 1965

COPIES TO:

Daniels, Hose(2), Ocker, PMDaniels,
Hoover, Nalley, Olsen(3), Zajic,
Reed, Kreglo, File(2), Contract.

PIPE SCALE SHEET

 ORGAN NO. 9982

 DATE April 24, 1964

BRAINERD METHODIST CHURCH

CHATTANOOGA

TENNESSEE

Customer			City			State	Sheet 2
STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.

SWELL ORGAN

Flute Conique	16'	61	CCC 38-2/3 CC 48-2/3	18	2/9	24 Zinc S.M.	3-1/2"
Geigen Principal	8'	61	48	18	2/9 Slotted	12 Zinc S.M.	3-1/2"
Flute a Cheminee	8'	61	54	21	2/9 Lg.O.S. Chimney	12 Zinc S.M.	3-1/2"
Viola da Gamba	8'	61	54	17	2/9	12 Zinc S.M.	3-1/2"
Viole Celeste	8'	61	56	17	1/5	12 Zinc S.M.	3-1/2"
Prestant	4'	61	59	18	1/4	S.M.	3-1/2"
Flute Allemande	4'	61	58	Reg. Har. Flt.	1/5-1/4	S.M.	3-1/2"
Flute a Bec	2'	61	68-2/3	19	2/9	S.M.	3-1/2"
Larigot	1-1/3'	61	80-2/3	20	2/9	S.M.	3-1/2"
Plein Jeu	IV Rks. 244		Formula "E"	18		S.M.	3-1/2"
Bassoon	16'	61	3"	42-1/2	Tpt. Pattern	D(F) Eschallots	3-1/2"
Trompette	8'	61	2-3/4"	42-1/2		D(F) Eschallots	3-1/2"
Hautbois	8'	61	3"	Reg. Oboe Pattern	Open C(F)	Eschallots	3-1/2"
Clarion	4'	61	1-7/8	42-1/2		D(F) Eschallots	3-1/2"

CHOIR ORGAN

Flauto Dolce	16'	73	44-2/3	18	1/5	24 Zinc S.M.	3-1/4"
Nachthorn	8'	61	56	20	2/9 Capped	12 Zinc S.M.	3-1/4"
Viola Pomposa	8'	61	50	18	2/9	12 Zinc S.M.	3-1/4"
Viola Celeste	8'	61	52	18	1/5	12 Zinc S.M.	3-1/4"
Flauto Dolce Celeste T.G.	8'	54	58-2/3 @ 8'	CC 18	1/5	5 Zinc S.M.	3-1/4"

PITCH.....

COPIES TO:

COMPLETION.....

PIPE SCALE SHEET

 ORGAN NO. 9982

 DATE April 24, 1964

BRAINERD METHODIST CHURCH

CHATTANOOGA

TENNESSEE

Customer	City	State	Sheet 3
STOP	PITCH	PIPES	SCALE HALVING MOUTH REMARKS W.P.

CHOIR ORGAN (continued)

Spitzprincipal	4'	61	60-3/4	18	1/4 slotted	S.M.	3-1/4"
Koppelflöte	4'	61	64	20	1/4	S.M.	3-1/4"
Nazat	2-2/3'	61	68-2/3	20	2/9	S.M.	3-1/4"
Klein Prinzipal	2'	61	74	18	1/4	S.M.	3-1/4"
Terz	1-3/5'	61	80-1/2	19	1/5	S.M.	3-1/4"
Sifflöte	1'	61	86-3/4	19	2/9	S.M.	3-1/4"
Zimbel	III Rks. 183		Formula "E"	17		S.M.	3-1/4"
Holzregal	16'	61	1-1/4" x 1-1/4"		C(F) Eschallots		3-1/4"
Cromorne	8'	61	1" S.M. Tube		C(F) Eschallots		3-1/4"
Trichter Regal	4'	61	2-1/2" Brass Tube funnel top D(F)		Eschallots		3-1/4"

PEDAL ORGAN (Unenclosed ~~except~~)

Untersatz	32'	39	#6 FFFF 11-7/8" x 13-3/4"			Wood	3-1/2"
			#13 CCC Large Pedal Bdn.				
Principal	16'	32	32	17	2/9-1/4	29 Zinc S.M.	3-1/2"
Octav	8'	32	45	17	2/9-1/4	17 Zinc S.M.	3-1/2"
Super Octave	4'	32	57	18	1/4	S.M.	3-1/2"
Nachthorn	4'	44	54	19	1/5	S.M.	3-1/2"
Rauschquinte	II Rks. 64		Formula "G"		17	S.M.	3-1/2"
Mixtur	II Rks. 64		Formula "H"		17	S.M.	3-1/2"
Posaune 1/2 length	32'	68	CCCC 7" CCCC 7", BBBB 4'-1/2"				
			CCC 6" Reg.Tpt.Pattern B(1/8)		Eschallots		5"

PITCH.....

COPIES TO:

COMPLETION.....

SPECIAL MIXTURE FORMULASGREAT ORGAN

II Rks. Sesquialtera Formula "A"

12	12
17	15
1-50	51-61

12th	68	20-1/2	2/9 mouth	Sm. O.S. Chimney	S.M.
15th	72	18-1/2	2/9 mouth		S.M.
17th	75½	19-1/2	1/5 mouth		S.M.

IV Rks. Mixture Formula "B"

19	15	12	8	8
22	19	15	12	12
26	22	19	15	15
29	26	22	19	15
1-12	13-24	25-36 25-36	37-48	49-61

Unison	47	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	48	@ 8' CC	17-1/2	1/4 mouth	S.M.

III Rks. Scharf Formula "C"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-8	9-16	17-24	25-32	33-40	41-48	49-61

Unison	48	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	49	@ 8' CC	17-1/2	1/4 mouth	S.M.

BOMBARDE ORGAN

V Rks. Harmonic Formula "D"

15	12	8	8
17	15	12	12
19 _b	17	15	12
21 _b	19	15	15
22	22	19	15
1-36	37-42	43-48	49-61

8th	4'	57	18-1/2	1/4 mouth	S.M.
12th	2-2/3'	65-3/4	18-1/2	2/9 mouth	S.M.
15th	2'	69	18-1/2	1/4 mouth	S.M.
17th	1-3/5'	75-1/2	18-1/2	1/5 mouth	S.M.
19th	1-1/3	77-3/4	18-1/2	2/9 mouth	S.M.
21 _b	1-1/7'	82-1/2	18-1/2	1/5 mouth	S.M.
22	1'	81	18-1/2	1/4 mouth	S.M.

SPECIAL MIXTURE FORMULAS

SWELL ORGAN
IV Rks. Plein Jeu Formula "E"

15	12	8	8
19	15	12	12
22	19	15	15
26	22	19	15
1-18	19-36	37-54	55-61

Unison 48 @ 8' CC 18-1/2 1/4 mouth S.M.
Quint 49 @ 8' CC 18-1/2 1/4 mouth S.M.

CHOIR ORGAN
III Rks. Zimbel Formula "F"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-12	13-24	25-36	37-42	43-48	49-54	55-61

Unison 50 @ 8' CC 17-1/2 1/4 mouth S.M.
Quint 52 @ 8' CC 17-1/2 1/4 mouth S.M.

PEDAL ORGAN
II Rks. Rauschquinte Formula "G"

$$\begin{array}{r} 2-2/3' \\ 2' \\ \hline 1-32 \end{array}$$

2-2/3' 65 scale 17-1/2 2/9 mouth S.M.
2' 69 scale 17-1/2 1/4 mouth S.M.

II Rks. Mixture Formula "H"

$$\begin{array}{r} 1-1/3' \\ 1' \\ \hline 1-32 \end{array}$$

1-1/3' 78 scale 17-1/2 2/9 mouth S.M.
1' 80 scale 17-1/2 1/4 mouth S.M.