

CONTRACT

1 Articles of Agreement made this 15th day of October 1929,
by and between the SKINNER ORGAN COMPANY, INC., of BOSTON, MASSACHUSETTS
hereinafter called the Builder and TRINITY LUTHERAN CHURCH, DETROIT, MICHIGAN

hereinafter called the Purchaser.

2 For, and in Consideration of the sum of Eighteen thousand nine hundred
dollars (\$18,900.00) \$ 17000.00
Dollars, to be paid by the Purchaser to the Builder, the said Builder agrees to build an organ
according to the annexed specifications, in a most thorough and artistic manner, and install it
in Trinity Lutheran Church, Gratiot Ave., Detroit, Michigan
complete in every detail and fully warranted, estimated on or about

September 1, 1930

This date is not a consideration or term of this contract, but is given in good faith and full expectation of prompt delivery, subject, however, to delays from fires, strikes or causes beyond the control of the Builder, and especially subject to delays from freight embargoes or other interferences.

~~3 It is agreed that the amount of any State or Federal Tax levied on the manufacture or sale of said organ or in any other manner levied on the transaction set forth in this agreement, shall be added to the purchase price hereinabove set forth, and paid by the Purchaser.~~

4 It is understood and agreed that the materials and labor entering into the organ hereinabove contracted for are to be procured by the Builder in the State of Massachusetts, and that said organ is to be constructed by the Builder in the State of Massachusetts from which State it is to be transported in interstate commerce to the State of MICHIGAN where it is to be installed by the Builder as hereinabove set forth.

5 The Purchaser agrees that when the Builder is ready to proceed with the installation of the organ, the Purchaser will keep the building at a suitable temperature as required by the Builder and provide and allow the use of suitable electric current for tone regulation, tuning, testing and lighting; that he shall provide a condition of quiet within the building for the proper tone regulation of the organ, and that he shall hold the Builder harmless from interference with his workmen during the installation. The Purchaser further agrees to assume all risk of damage to the organ by fire, lightning, water or tornado while contained in the said building and to insure the same in good reliable companies for the benefit of the parties hereto as their interests may appear.

6 If the building is not in proper condition for the organ to be erected when the organ is ready for shipment, and it becomes necessary to place the organ in storage, to be held until the building is ready for installation, the Purchaser agrees to pay the cost of such storage, or to arrange for such storage in a proper place at their own expense, provided of course that the organ builder does not complete said organ at the factory before the proper time for shipment, in accordance with contract date of completion.

7 It is mutually agreed that, in view of the fact that the presence of rubbish and dust, especially from plaster, when an organ is being erected causes not only immediate but future troubles in the functioning of any organ, the building in which the organ herein referred to is to be erected shall not be considered ready for the erection of said organ until the organ chambers and the adjacent parts of the building are entirely free from rubbish and dust. In other words, it is understood that the organ erection shall not be started until any other workmen liable to create rubbish and dust shall be out of the way entirely, and furthermore, if after the organ erection men once start their work, they are interrupted by other workmen creating rubbish and dust, or making such noise as to interfere with tuning, the losses in time and expense caused by the lack of proper and reasonable conditions for organ erection and tuning, shall be paid by the Purchaser in addition to the contract price herein mentioned.

8 The Purchaser agrees to inform the Builder as to where the organ and console are to be located, and the dimensions of the spaces to be occupied before the plans or construction of the organ are begun. After these dimensions have been so determined the Purchaser shall not permit any changes to be made in the dimensions of the organ spaces, nor the installation of any obstructions such as pipes, posts, etc., and shall hold the Builder harmless from such changes or obstructions.

CONTRACT

The Purchaser, in consideration of the agreement herein of the Builder, hereby requests the Builder to construct and erect said organ and agrees to purchase the same and to pay therefor the sum of Eighteen thousand nine hundred dollars (\$18,900.00)

\$ 17000.00

as follows:—

When the contract is signed, ^{ten}~~twenty five (25%)~~ ^(10%) per cent. of the total contract price amounting

to Eighteen hundred ninety dollars (\$1890.00) \$ 1700

~~When the principal portion of said organ is manufactured ready to assemble in the factory of the Builder, twenty five (25%) per cent. of the total contract price amounting to~~

Upon the delivery at the above named building of the principal portion of said organ, ^{forty}~~twenty~~ ^(40%)~~(25%)~~ per cent. of the total contract price amounting to Seventy five hundred sixty dollars (\$7560.00) \$ 6800

Upon the erection of said organ complete, in accordance herewith, the Purchaser agreeing to examine said organ immediately in the presence of a representative of the Builder, and when accepted, the balance of said contract price, to wit, the sum of Ninety four hundred fifty dollars (\$9450.00) \$ 8500

provided, however, that when said organ is ready for erection and is held up by the inability for any reason of the Purchaser to have the installation proceed, all payments are immediately due up to ninety (90%) per cent. of the contract price.

10 Final payment is immediately due upon use of the organ in service or in other public manner.

11 Final payment shall not be withheld on account of minor adjustments for which the Builder is liable under its warranty.

12 It is mutually agreed that the title to and ownership of said organ shall be and remain in the Builder until the contract price as heretofore stated and all promissory notes or other evidences of indebtedness and renewals thereof have been fully paid with interest at the current rate upon any amount not paid when due, and that upon such payment said organ shall become the property of the Purchaser.

13 It is understood and agreed that the delivery and acceptance of promissory notes or other evidences of indebtedness shall not be considered payment until the full amount of the same and of any renewals thereof shall have been paid in full with interest.

14 All verbal agreements and understandings are merged in this contract and the specifications and details of construction attached hereto which comprise the entire contract, and no change, alteration or modification made verbally or in any other way, will be binding upon the Builder, unless the same be made in writing signed by an executive officer of the said Builder.

15 In witness whereof, the parties hereto have hereunto set their hands and seals this 15th day of July October 1929.

SKINNER ORGAN COMPANY, INC.

Witness

Gilbert J. Otto

By

Wm E. Gauth
Vice Pres.

Witness

Charles Gausser

Purchaser

SKINNER ORGAN COMPANY, INC.

ORGAN ARCHITECTS AND BUILDERS FOR CHURCHES, AUDITORIUMS, THEATRES AND RESIDENCES

Boston, Mass., July 5, 1929.

SPECIFICATIONS OF AN ORGAN PREPARED FOR

TRINITY LUTHERAN CHURCH.
Detroit, Mich.

GREAT ORGAN

		PIPES
150	16' Bourdon (Pedal Extension) <i>New graduating</i>	17
350	8' Diapason <i>72 - 1/4</i>	61
350	8' Flute Harmonique <i>New</i>	61
250	4' Octave <i>54 - 1/4</i>	61
300	Grave Mixture (II Rks.) <i>= 71 1/2 7 2</i>	122

SWELL ORGAN

350	8' Diapason <i>44 - 1/4</i>	73
350	8' Rohrflöte <i>Cur</i>	73
350	8' Salicional <i>#64</i>	73
350	8' Voix Celeste <i>#64</i>	73
350	8' Aeoline <i>#60</i>	73
250	4' Octave <i>#58</i>	73
250	4' Flute Triangulaire <i>Cur</i>	73
350	Mixture (III Rks.) <i>C-14</i>	185
350	8' Trumpet <i>Cur</i>	73
350	8' Flugel Horn <i>Cur</i>	73
350	8' Vox Humana <i>elf cap</i>	73
	Tremolo	

CHOIR ORGAN

350	8' Cello <i>#60</i>	73
350	8' Concert Flute <i>Cur</i>	73
350	8' Dulciana <i>#56</i>	73
61 00		

Shop spec checked with this copy 11/21/29 DOW

ESTIMATED ORGAN COMBINATIONS, ETC.

-2-

CHOIR ORGAN - (Cont'd.)

		<u>PIPES</u>
250	8' Unda Maris <i>as 56</i>	61
250	4' Flute <i>8' Ammer</i>	73
350	8' Corno di Bassetto <i>Corn with bells</i>	73
	Tremolo	

ECHO-ANTIPHONAL ORGAN

350	8' Diapason <i>43 - 1/4</i>	73
350	8' Fernflöte <i>Cor-de-Neige 7 1/2</i>	73
500	8' Vox Angelica (II Rks.) <i>260</i>	146
350	8' Tuba <i>Corn Harmonic</i>	73
	Tremolo	

PEDAL ORGAN - Augmented

750	16' Diapason <i>10" x 12 bearded</i>	32
450	16' Bourdon	32
150	8' Octave	12
50	8' Gedeckt	12
50	4' Flute	12
3950		

COUPLERS

Swell to Great)
Choir to Great) Unison
Swell to Choir)

Swell to Swell 4')
Swell to Swell 16')
Swell to Great 4')
Swell to Great 16')
Choir to Choir 4') Octave
Choir to Choir 16')
Swell to Choir 4')
Swell to Choir 16')
Choir to Great 4')
Choir to Great 16')

Swell to Pedal)
Choir to Pedal)
Great to Pedal) Pedal
Swell to Pedal 4')

DETAILS OF CONSTRUCTION

The builder warrants the action and construction in every particular, and agrees to make good any defects in materials and workmanship which may appear within five years.

COMBINATIONS - Adjustable at the console and visibly operating the draw stop knobs.

GREAT - 1,2,3,4

SWELL - 1,2,3,4,5,6

CHOIR - 1,2,3,4

PEDAL - 1,2,3,4

All bases of the larger wooded stops on separate chests.

MECHANICALS

Swell Expression

Choir Expression

Echo Expression

Echo On Great Off

Great On Echo Off

Both

Crescendo

Sforzando

Great to Pedal Reversible

General Cancel

The organ builder is to furnish and install an electric blowing plant, consisting of a blower, remote control self-starter where necessary, and generator, all of ample size to meet any legitimate demand which may be required by the instrument, according to the specifications.

The organ is to be erected in the building, tone regulated, tuned and left ready for use.

No organ chest-to-chest display pipe work is included.

FIGURE \$ 12,000.00

DETAILS OF CONSTRUCTION

The builder warrants the action and construction in every particular, and agrees to make good any defects in materials and workmanship which may appear within five years.

Action to be electro pneumatic.

Casing of console to be of native oak, or of any other native wood of equal value; of simple design to harmonize with the period of the architecture of the building.

An organist's bench of same material as console casing.

All basses of the larger winded stops on separate chests.

The organ builder is to furnish and install an electric blowing plant, consisting of a motor, blower, remote control self-starter where necessary, and generator for action current, all of ample size to meet any legitimate demand which may be made thereon by the instrument, according to the specifications.

The purchaser shall furnish a suitable foundation for the motor and blower, connect the motor and starting switch with the power current, install wiring from the console to the self-starter and connect same; do all cutting of floors, partitions, etc., and the running of conduits where required and wind conductors from the blower to the console and all organ chambers which may be necessary; and shall prepare the organ chamber in accordance with plans which shall be furnished by the organ builder.

The organ is to be erected in the building, tone regulated, tuned and left ready for use.

No organ case ~~or front display~~ pipe work is included.

PRICE: \$ 18,900.00

Contract Questionnaire

Date: Oct. 30, 1929.

In reference to Contract No. 808 with

TRINITY LUTHERAN CHURCH, DETROIT, MICH.

to which this sheet must be attached, please answer the following questions so that our records may be clear.

1. Are we committed to any commission to anybody on this contract? *No*
If so, to whom, how much and when payable?

2. Are we committed to any free organ recital? *yes by myself*

3. Is there any unsettled question regarding front pipes or grille work? *designs are ready in architect's office*
Are we to submit designs or estimates for either? *No*

*Architect W. E. W. Russett
Woodward Ave.
Detroit.*

4. Is the organ to be installed in a new building, the completion of which is doubtful? *Yes -*

5. Are the organ chambers in condition to be measured by our Engineer? *No*

6. Are there any engineering matters which require immediate attention?

Architect expects engineer soon as convenient. Our engineers should ~~not~~ ask them to build the swell boxes - if that will save us money. I think they would agree.

7. Is there an old organ to be disposed of? *No* Does it belong to us or is the church to remove it before we start installation?

8. Give approximate dimensions of auditorium including inside height of roof.

9. Will organ be in chamber or chambers? *main chamber in one - also Antiphonal Chamber*
If so, has latter good openings?

10. Is there any resonance or echo? *?* If so, how many seconds? *captains for Antiphonal should be larger than originally shown by architect.*

11. Have walls or roof been treated with acoustical material?

yes partly

Please note any further information which we should have that is not embodied in the contract.

Signed by *W. E. W. Russett*

GREAT ORGAN

61 Pipes

PIPES□ 16' Bourdon (Pedal Extension) *New Grad*

17

Sc 5 X 8' Diapason 42 1/4

9 X 8' Flute Harmonique *new*

Sc 8 X 4' Octave 57 1/4

15 X 8' Grave Mixture (II Rks.) 71 + 72

122

10/3/30

SWELL ORGAN

73 Pipes

St 7 X 8' Diapason 44

2' 10 X 8' Rohrflute *com*

2' C 13 X 8' Salicional 64

2' C 13 X 8' Voix Celeste 64

2' 14 X 8' Aeoline 60

2' 7 X 4' Octave 58

2' 10 X 4' Flute Triangulaire *com*

XXX Mixture (III Rks.) C-14 (1-10)(2-12)(3-14) 183

8' Trumpet

8' Flugel Horn

8' Vox Humana

Tremolo

CHOIR ORGAN

73 Pipes

12 X 8' Cello 58

2' 10 X 8' Concert Flute *com*

2' C 13 X 8' Dulciana 56

2' C 13 X 8' Unda, Maris 56

X 4' Flute *D'Amour*

8' Corno di Bassetto

Tremolo

ECHO ANTIPHONAL ORGAN

73 Pipes

7 X 8' Diapason 43 1/4

2' C 10 X 8' Fernflute *Cor D'Amour*

14 X 8' Vox Angelica (II Rks.) 60

8' Tuba

Tremolo

6"

Trinity Luth Ch
Detroit Mich
 7 1/2"

61

146

#808

all in
9/4/30

Swell Expression
Choir Expression
Echo Expression
Echo on Great Off
Great on Echo Off
Both
Crescendo
Sforzando
Great to Pedal Reversible
General Cancel

Specifications of work necessary on organ chambers, blower room and console location at Trinity Lutheran Church, Detroit, Michigan.

Specifications prepared by C. H. Atkins, Skinner Organ Company Engineer. All items specified in the following paragraphs or shown on our blueprints must be prepared in accordance with same by the purchaser.

#1. Location of Chambers and Console. The main organ chamber is located on the east side of the nave and near the south end, with its floor starting at the clearstory level. The echo or antiphonal organ chamber is located on the west side of the chancel and near the north end, with its floor starting approximately at the clearstory level. The blower room is located in the basement directly below the Parvis. The choir room being directly below the main organ chamber and the Parvis below the choir room. The console location will be in the centre and forward of the choir gallery which is directly above the vestibule of the front entrance to the church and about on the level of the triforum floor.

#2. Plastering. The walls and ceilings of the organ chambers should be plastered with Keene's Cement Plaster, trowelled to a hard smooth surface. Omit all baseboards and continue plaster to the floor. The floor can be of wood or cement. If cement is used they should be trowelled to a smooth level surface.

#3. Pipes and Vent. Ducts. There should be no radiators, ventilating ducts, or pipes of any sort run in or through the organ chamber areas except those I will mention later in these specifications.

#4. Grilles The tone opening of the echo or antiphonal organ chamber into the chancel is very narrow, and the chamber is very high. I would suggest that a ceiling height of not over 17'-0" be maintained in this chamber and the tone opening be widened to a minimum of 3'-0" or more if possible. As this opening will be filled somewhat with stone tracery of gothic design which will cut down the amount of free tone opening I would suggest that about 60 per cent of the entire area be left open for tone or as near this amount as possible. The inside of the stone tracery can be covered with a fine mesh copper screen wire to break the vision through the openings.

The tone opening or gothic arch of the main organ chamber is located very satisfactorily and the organ will be screened with a wood case and dummy display pipes. Blueprints to be sent to the Skinner Organ Company

for estimate.

#5. Blower Room. As the blower room is located in the basement I hardly think from its location that any noise will permeate to the Parvis above. Should the architect think necessary this room can be sound proofed on the inside and a door of refrigerator type hung in the entrance.

This room should have an opening of 225 square inches through some wall to any clean cool room in the basement for ventilation to the blower and motor. This opening can be through the bottom panel of the door and should be fitted on the inside with a flap valve lined with felt and hinged at the top.

#6. Wind Trunks From 1'-0" inside the east wall of the blower room there must be a 15 inch diameter galvanized sheet iron wind trunk run straight up through a chase in this wall and turn west and enter the main organ chamber being left 6 inches inside the east wall of same and about 10 inches to centre of same above the floor.

From 1'-0" inside the west wall of the blower room and near the ceiling of same there must be a 6 inch diameter galvanized sheet iron wind-trunk run west and north, then straight up through a chase in the masonry of the south wall of the echo chamber and turn north and be left 6 inches inside the south wall of the echo chamber and about 6 inches to centre above the floor of same.

From 1'-0" inside the south wall of the blower room, there must be a 3 inch diameter galvanized sheet iron wind trunk run straight up through a chase in the masonry, then turn south and west at a point between the groined ceiling of the Parvis and the floor of the choir room and choir balcony, then turn up and be left 3 inches above the level of the second step of the choir balcony and in position shown on our console blueprint. This will be the level of the console floor. The front step of the choir balcony will have to be raised to a level of the second step for an area of approximately 6'-0" long in the centre.

These wind trunks must be made of 24 guage galvanized sheet iron. All joints, seams and rivets must be well soldered. All joints must point with the flow of air and all elbows as near as possible must not be less than the diameter of the pipe in radius.

#7. Electric Conduits. From flush with the floor under the console and in position shown on our console blueprint, there must be a 2 inch

diameter electric wire conduit run to flush with the floor or south wall of the echo chamber. This is for organ action wires. From flush with the floor under the console and in position shown on our console blueprint there must be a 3 inch diameter electric wire conduit run between the floor or steps of the choir balcony and the groined ceiling of the vestibule and then turn up in a chase in the masonry on the north wall of the main organ chamber. It can be left flush with north wall.

From flush with the floor under the console and in position shown on our console blueprint there must be a one inch and a $\frac{3}{4}$ inch diameter electric conduits run to the blower room. The one inch must contain two #8 wires as feeds from our direct current generator. The $\frac{3}{4}$ inch must contain three #14 wires. Two of these will be used to operate the remote controll switch of the blower motor from a flush wall switch located in the key sill of the console. The third wire together with one of the remote controll wires will be used to light two #110 volt lamps wired in series, and placed under the key sill of the console. These will serve as pilot lights to show that the motor is running and also give light to the pedal keys.

There is one other $\frac{3}{4}$ inch diameter electric wire conduit shown on our console blueprint. This is for two #14 wires to your light circuit for lights on top or about the console. If you already have a baseplug near the console this $\frac{3}{4}$ " conduit under the console can be omitted.

The organ chambers and blower room must each be provided with a light circuit for at least two fixed lights and one baseplug or two base plugs and one fixed light in each chamber.

The blower room must be provided with a power circuit of 1, 2, or 3 phase 60 cycle 220 volt alternating current or 220 volts direct current. This must be suitable for operating a 5 H.P. motor. The architect must furnish The Skinner Organ Company with a correct and varified reading of this power circuit. This should be done by consulting your local Light & Power Company as to the service available and then notify The Skinner Organ Company and have them do likewise.

#8. General. The running of all windtrunks and electric conduits mentioned in these specifications and the connecting upon both ends of all windtrunks and light and power conduits to our organ, console and blower must be done by the purchaser. Also the cutting of all holes

through walls, floors or ceilings and the preparation of organ chambers, blower room and console location as specified in these specifications.

The Skinner Organ Company will make, pull in, and connect up all light voltage organ action wires through the 2 inch and 3 inch diameter electric conduits from our console to the main organ and echo organ chambers.

They must also furnish the Architect, Mr. E. N. Hunter, 2457 Woodward Avenue, Detroit, Michigan with 4 copies of these organ chamber specifications and 4 blueprints of our console for this job.

These to be mailed not later than December 18th, 1929.

The Architect must furnish The Skinner Organ Company with a sample of the wood showing color desired for the console as soon as possible.

C. H. Atkins, Engineer.

KAC

SKINNER ORGAN COMPANY.

54. Exits The base opening of the echo or anti-chamber organ chamber into the channel is very narrow, and the chamber is very high. I would suggest that a ceiling height of not over 17'-0" be maintained in this chamber and the base opening be enlarged to a minimum of 3'-0" or more. The walls and ceiling of the organ chambers should be plastered with Keefe's Covert Plaster, trowelled to a hard smooth surface. The walls and ceiling of the echo chamber should be plastered with Keefe's Covert Plaster, trowelled to a hard smooth surface. The base opening of the echo or anti-chamber organ chamber into the channel is very narrow, and the chamber is very high. I would suggest that a ceiling height of not over 17'-0" be maintained in this chamber and the base opening be enlarged to a minimum of 3'-0" or more. The walls and ceiling of the organ chambers should be plastered with Keefe's Covert Plaster, trowelled to a hard smooth surface. The walls and ceiling of the echo chamber should be plastered with Keefe's Covert Plaster, trowelled to a hard smooth surface.

The base opening of the echo or anti-chamber organ chamber into the channel is very narrow, and the chamber is very high. I would suggest that a ceiling height of not over 17'-0" be maintained in this chamber and the base opening be enlarged to a minimum of 3'-0" or more. The walls and ceiling of the organ chambers should be plastered with Keefe's Covert Plaster, trowelled to a hard smooth surface. The walls and ceiling of the echo chamber should be plastered with Keefe's Covert Plaster, trowelled to a hard smooth surface.