KIMBALL

PIPE ORGANS

KIMBALL

PIPE ORGANS

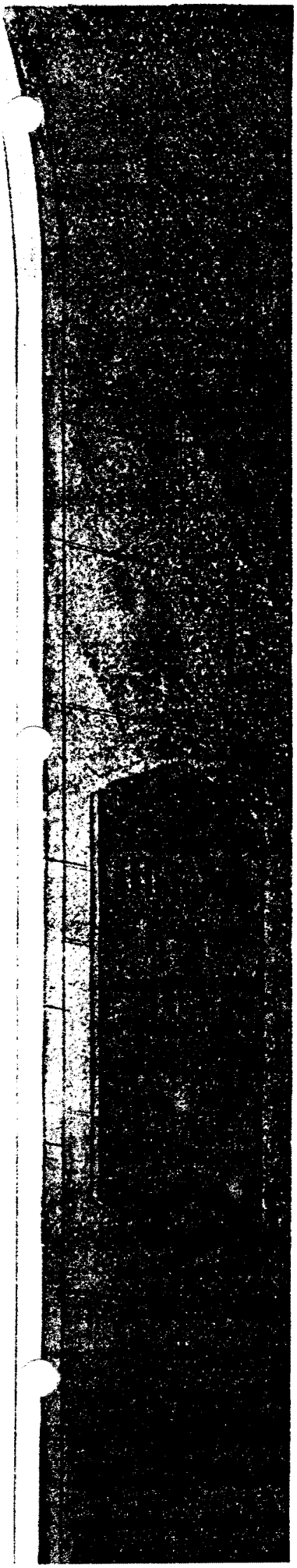
W · W · KIMBALL COMPANY

ESTABLISHED 1857

Organ Builders

EXECUTIVE OFFICES AND FACTORY

CHICAGO

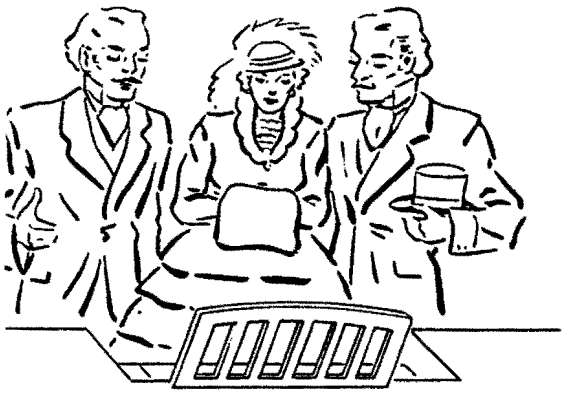


FOUR SCORE YEARS AND MORE

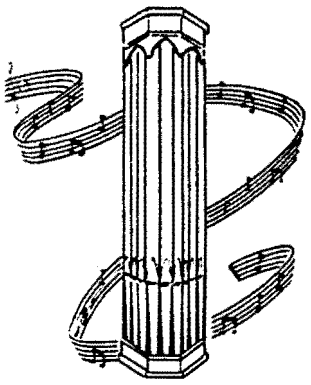
WE moderns care but little for the romance of the buried years—yet that same musty past bears striking moral for the music lover of today. It is not enough that we say the House of Kimball was born more than eighty years ago. This is a drab statement, in a way, for few of us are intrigued by age. It will interest, however, when you refresh your memory on the real meaning of more than four score years. & When the House of Kimball was founded (in the City by the Lake, on the sprawling prairies of Illinois) in a town called Chicago, there were no telephones, harnessed electricity, skyscrapers, noise, bustle and flurry of the crowded millions. Buchanan was president of our forty-two states, the population of which was but thirty million. Abraham

FOUR SCORE YEARS AND MORE . . .

Lincoln, the Great Emancipator, the Illinois lawyer, the man of destiny, had not even gained national prominence. Men lived more simply then—the craftsmen in the musical arts were adapting the lessons of Europe to American ambitions. It was then that the House of Kimball was founded. ❧ From the beginning the business was built upon the solid rock of sound business methods. Production of the finest in musical instruments was never limited by economic emergencies. Modern transportation facilities soon brought the advantages of the tremendous Kimball factory facilities to piano and pipe-organ buyers throughout the United States and in remote corners of the world. Through three wars and seven depressions the financial responsibility of the W. W. Kimball Company has stood unquestioned. Necessity never had the opportunity to tempt a sacrifice of artistic integrity. ❧ Today's buyer of the Kimball pipe-organ has this eighty year record of sound growth and unparalleled stability as assurance of merit in the instrument he chooses. No promise of quality is so convincing as that which is backed by past performance.



TONAL DESIGN



All Kimball organs are built in our factory to the most exacting specifications, which are designed by the Kimball staff of organ architects in consultation with the purchaser and his advisers. No two organs may be built exactly alike, because each one must vary in its tonality and power in order to correctly suit the size and acoustics of the church and the purpose it is to serve. Careful designing by conscientious, experienced artists will therefore create an artistic, well balanced organ; whereas indifferent design results only in mediocrity. Skillful planning and careful attention to the specifications of Kimball organs are of the greatest value to the purchaser as it will insure the success of the organ—*BEFORE IT IS BUILT.* The Kimball staff of organ architects consists of men who have devoted their lifetime to the study of the pipe organ, its function as a musical instrument to render the playing of the great repertoire of music within its wide scope and, most important, the underlying fundamental principles of correct tone production. The Kimball staff is always happy to cooperate with you in the design of the ideal organ for your purpose without any obligation on your part.

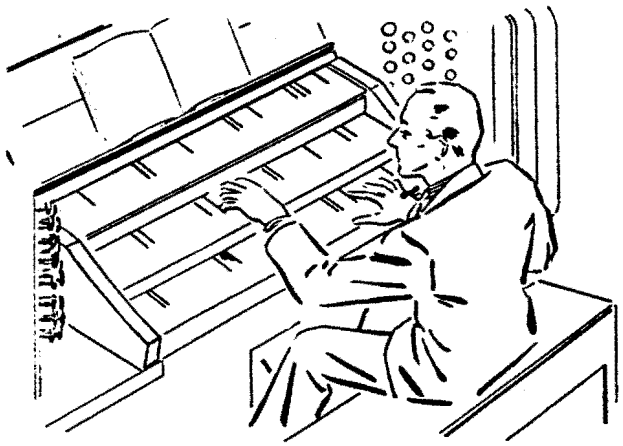
In every artistic field of endeavor in this country the influence of the Old World has left its unmistakable imprint and in the tonal design of American organs, the great European instruments stand as the criterion, to which close adherence is desirable. However, ingenuity and resourcefulness, the inherent qualities of our nation, have contributed many tonal and mechanical refinements to the contemporary American organ unknown to the Old World and the W. W. Kimball Company in no small measure has added its share of these improvements. All Kimball organs are basically designed along traditional tonal patterns and, furthermore, special care is taken to include the many lovely soft tone colors and solo stops, which science and modern manufacturing facilities make available today. The Kimball organ in both tonal and mechanical respects is a modern American organ—a truly fine masterpiece.

THE ORGANIST'S OPINION

We wish it were possible to publish all the letters of praise about the Kimball organ which we have received. Space here allows only a few. These below are all from outstanding organists whose opinions merit your fullest consideration.

WM. H. BARNES, EVANSTON, ILL.

The Diapason chorus is magnificent. In addition, the wealth of beautiful solo reeds and other soft effects is absolutely not surpassed in any organ that I have ever had the pleasure of playing . . . There has never been a cipher since I have played the organ.



PALMER CHRISTIAN, ANN ARBOR, MICH.

The reeds are characteristic, whether chorus or orchestral; the strings and flutes are so balanced that they are good both for melodic and accompanimental purposes. The Diapasons are solid, neither too tubby nor too edgey . . . The swells are effective; the shades are wonderfully responsive.

CHAS. M. COURBOIN, NEW YORK, N. Y.

The aristocracy of tone, the wonderful tonal balance — make these two instruments truly magnificent.

ARNOLD DANN, ASHEVILLE, N. C.

The fine Diapason families, brilliant chorus reeds, rich strings, ravishing soft stops, general blend and even build-up, make it one of the most effective instruments in my experience.

ARTHUR DUNHAM, CHICAGO, ILL.

The Kimball organ is incomparable in its quick response, its softer registers of lovely quality, its powerful registers of noble sonority, and, most important, its ensemble, the desideratum of all artistic players of organs.

LYNNWOOD FARNAM, NEW YORK, N. Y.

Tonally the organ was magnificent, there being a wealth of every class of tone and an overwhelming climax. The diversification and beauty of the string toned stops throughout the instrument, the charm and silvery character of the upper work, the good judgment shown in the treatment and strength of the flute and diapason registers and the excellent ensemble of the various departments, these, and the many other points, impressed themselves . . . Especially notable, too, is the finely graded, quiet and quickly responsive swell shutter action, with selective control. You are to be congratulated on your great achievement.

EMERSON RICHARDS, ATLANTIC CITY, N. J.

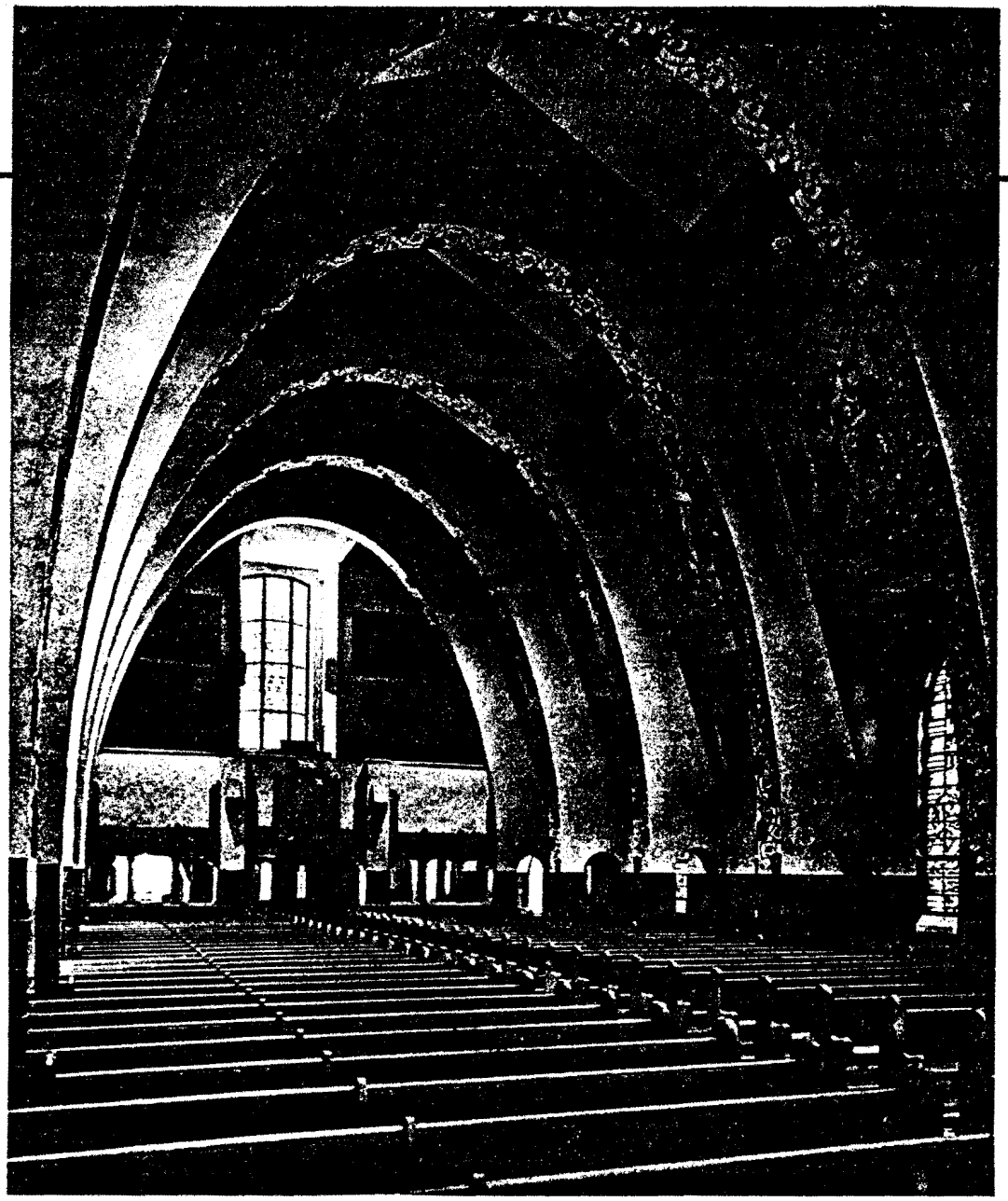
Tonally it is superb. Each voice has an individuality, while at the same time contributing to the ensemble—and in this respect the organ stands as the best demonstration in America of what a full organ ensemble should be.

VAN DENMAN THOMPSON, GREENCASTLE, INDIANA

The full organ beggars description; I do not think I have ever heard such a blending of diapasons, mixtures and chorus reeds into an ensemble of glorious tone. The solo reeds are perfect, as are also the strings. I know I have made no mistake in choosing the Kimball . . . The swell shades were a revelation; such an even, smooth and continuous crescendo I never heard. Everything worked and did it quickly and silently.

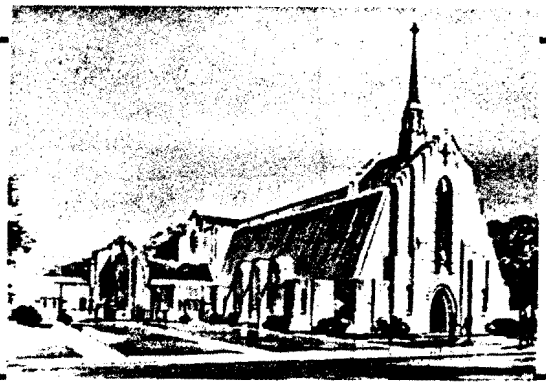
KIMBALL PIPE ORGAN INSTALLATIONS

The W. W. Kimball Company has built over four thousand pipe organs, installed all over the world. The Kimball organ installations which are depicted on the following pages have been selected from our long list because they are typical installations. Every one of these organs was especially designed by the Kimball staff in consultation with the purchaser and his advisers to suit the acoustical conditions of the church and the purpose it serves.



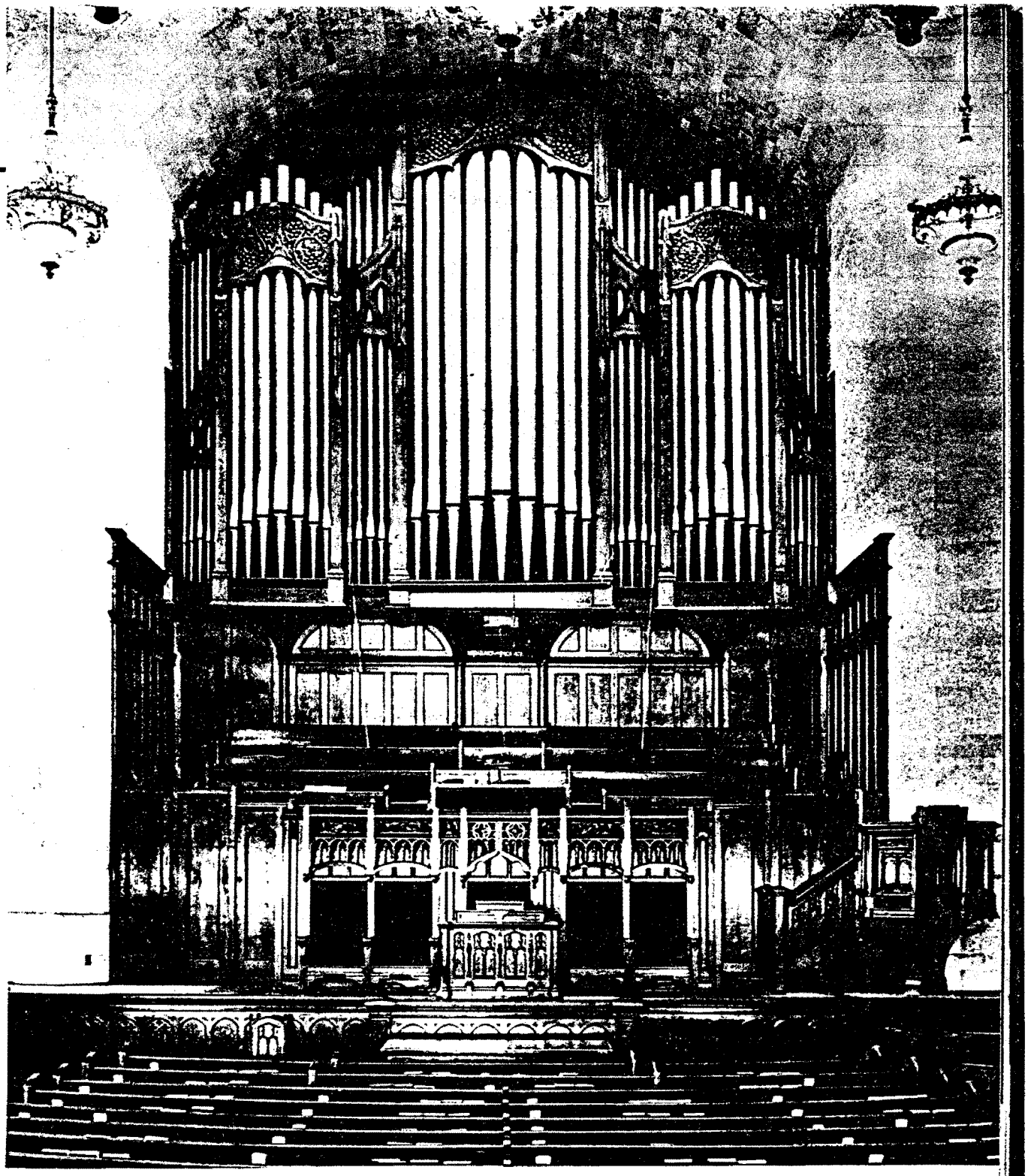
ST. BERNADETTE'S R. C. CHURCH • BROOKLYN, N. Y.

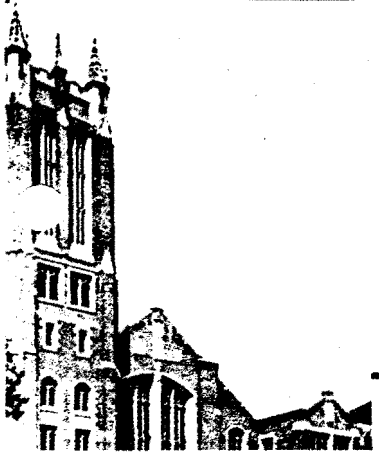
Architect: Henry V. Murphy, Brooklyn, N. Y



Of modern yet traditional architecture this church has as beautiful an interior as exterior.

The Kimball organ is located behind the decorative grilles on either side of the bayed stained glass window in the rear gallery.

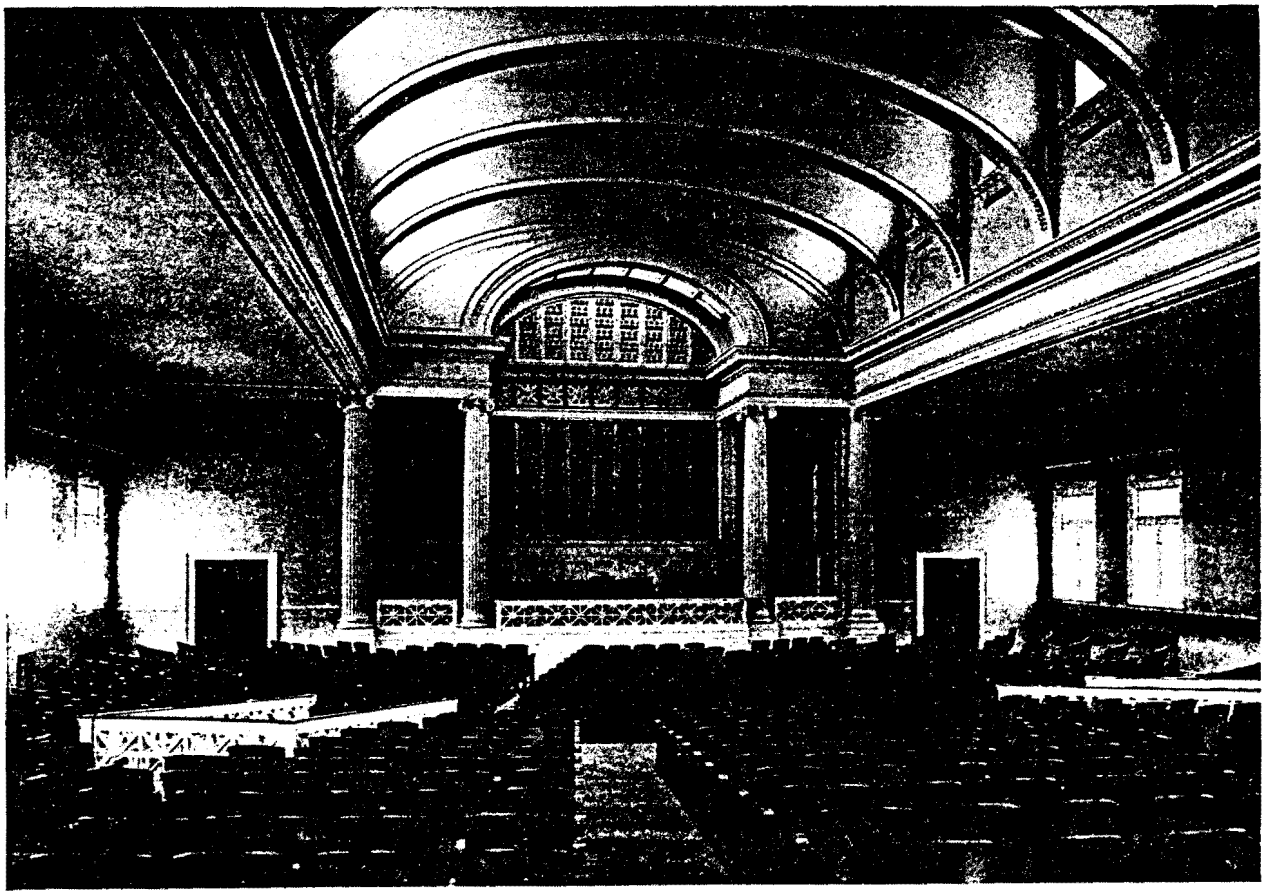




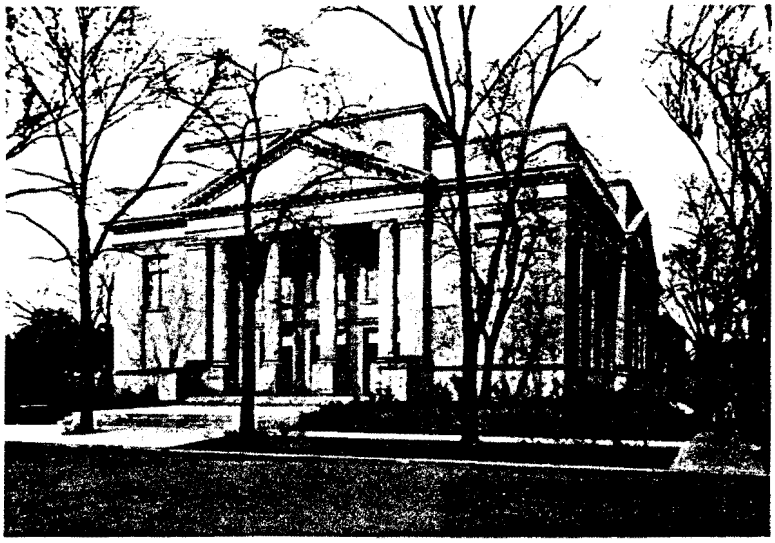
HOLLYWOOD PRESBYTERIAN CHURCH • CALIFORNIA

This edifice of English-Gothic architecture has a stately tower rising to a height of 125 feet in which there is a ten-tone set of tubular Chimes, played from the organ console. The interior is strictly in keeping with the architecture of the exterior. The large Kimball organ occupies the archway at the front of the church above the Choir balcony.

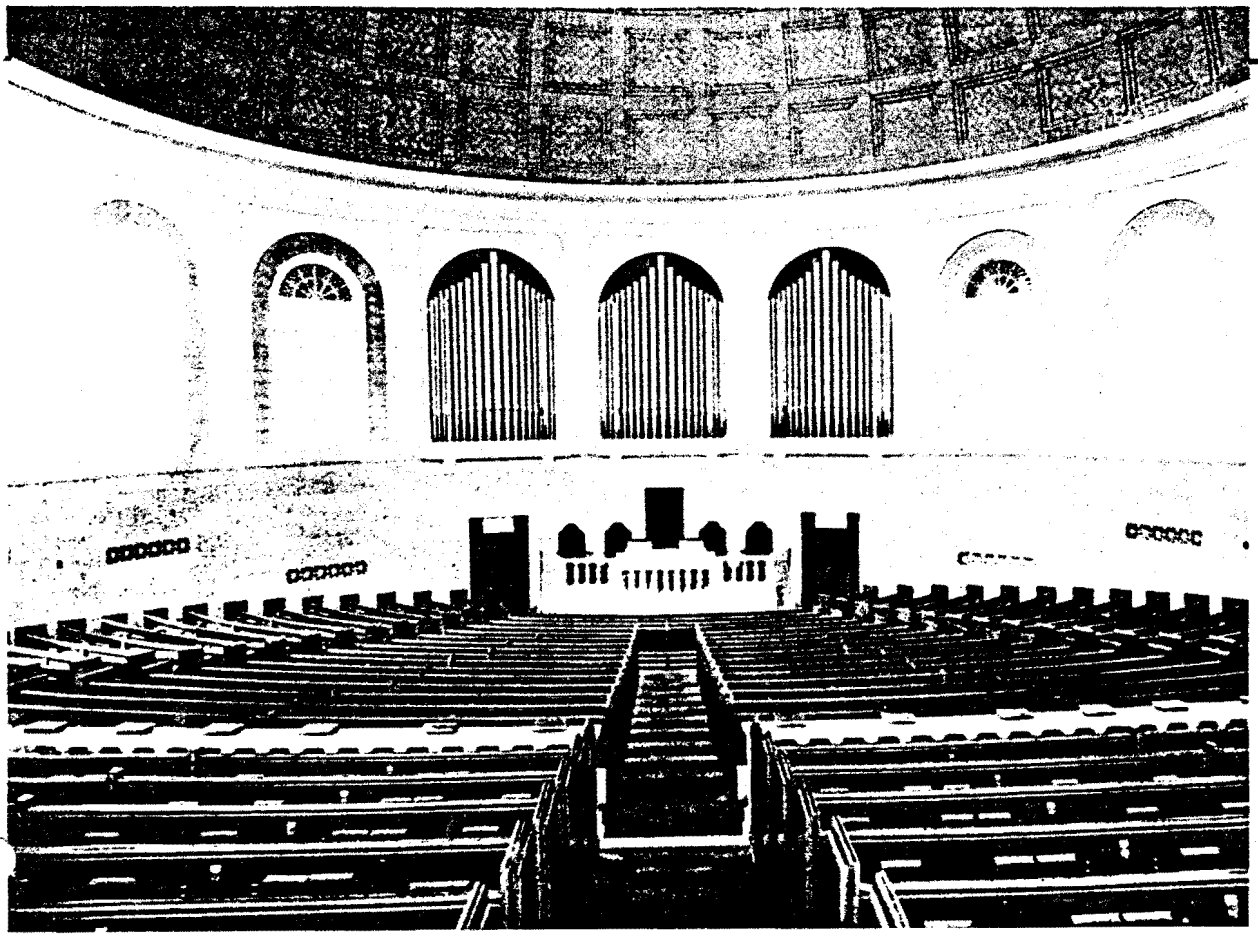
FIRST CHURCH OF CHRIST • SCIENTIST • OAK PARK • ILL.



The three manual Kimball organ is located directly behind the ornamental grille, which is the outstanding decoration of the interior. The

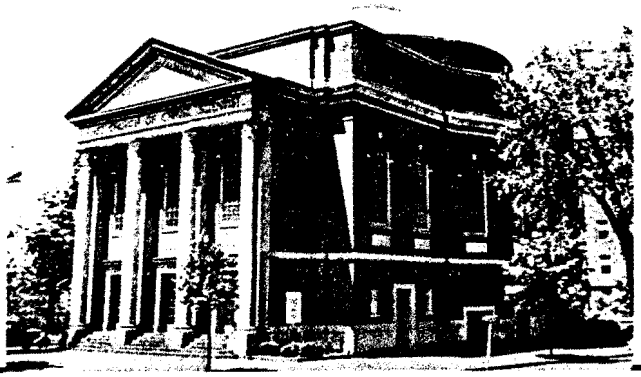


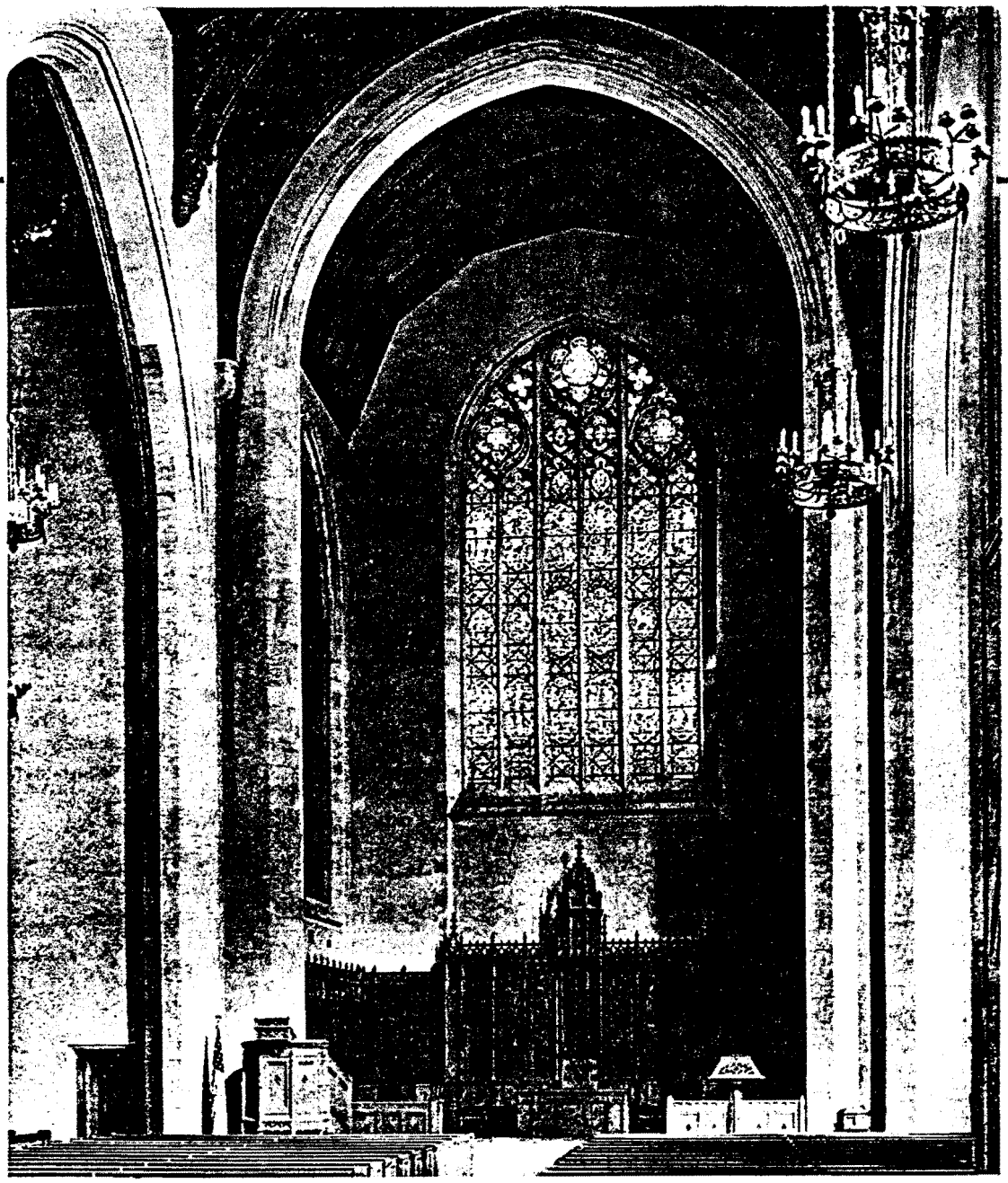
tonal beauty of this organ is charmingly enhanced by its ideal setting and is probably better known than any in Chicago's nearby suburbs.



FIRST CHURCH OF CHRIST • SCIENTIST • CAMBRIDGE • MASS.

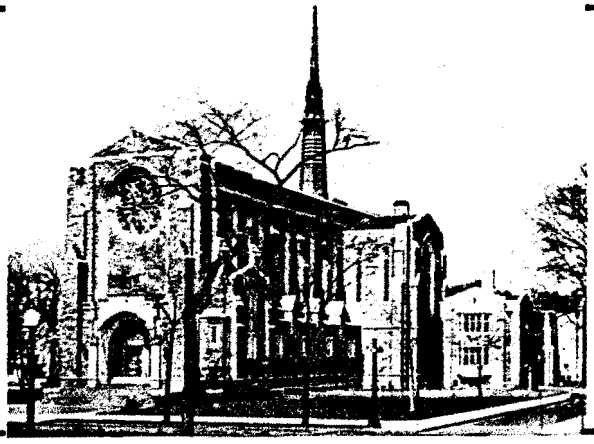
A fine example of contemporary Classical architecture, this beautiful edifice is graced by a three manual Kimball organ, installed behind the three arched tone openings at the front of the auditorium.



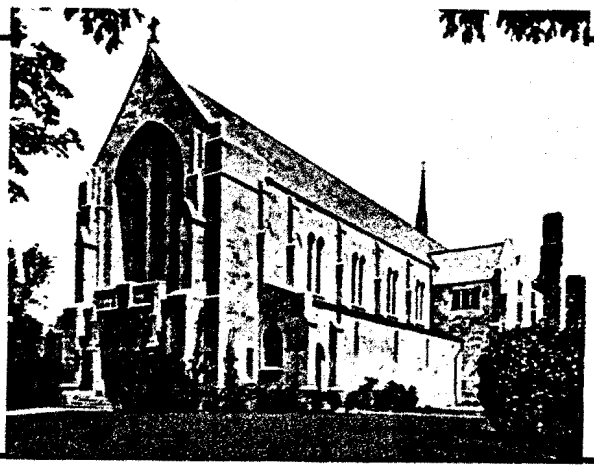


FIRST CONGREGATIONAL CHURCH • COLUMBUS • OHIO

Behind beautiful grillework, located on the left side of the Chancel, this very prominent Church has a large four manual Kimball organ. An Echo organ is placed over the balcony at the rear of the church.

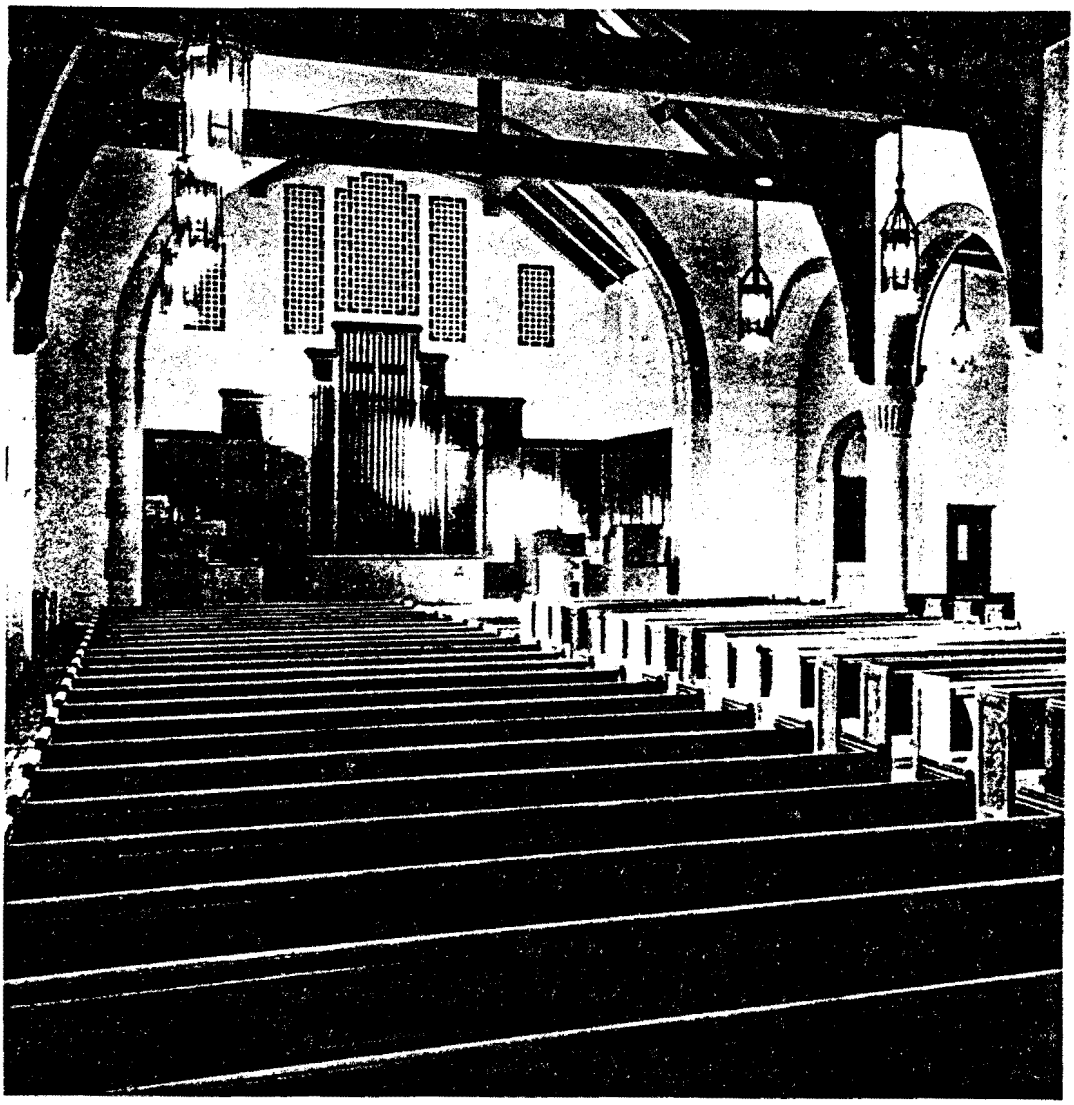


EMMANUEL EPISCOPAL CHURCH • LA GRANGE • ILLINOIS



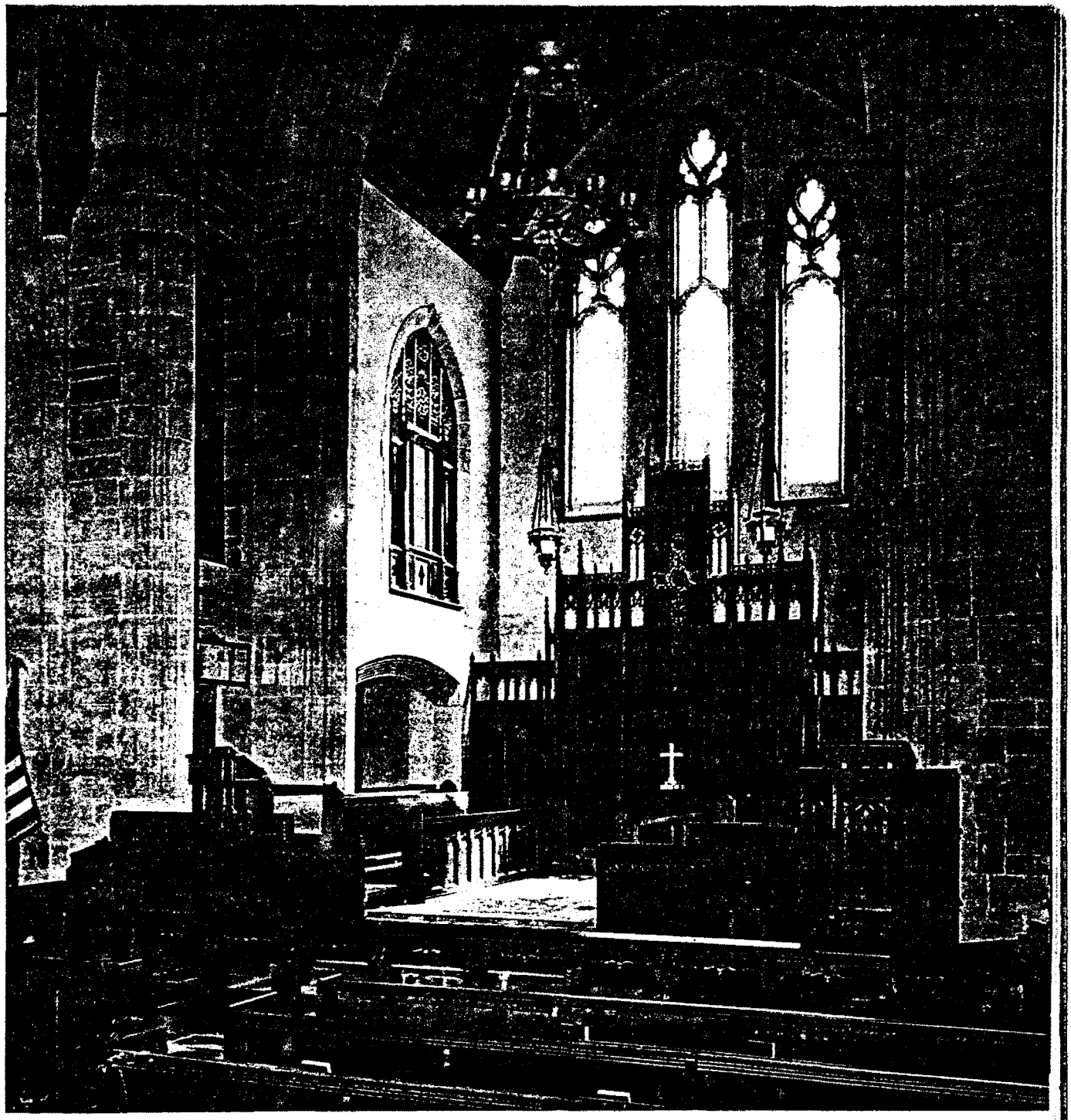
One of the most beautiful in the Episcopal diocese of Chicago, this Church represents an outstanding example of 13th century Gothic architecture in the United States. A noteworthy feature of the three manual Kimball organ was the effective installation of the organ in space very limited and at first apparently inadequate.

FIRST CHRISTIAN CHURCH • COLORADO SPRINGS • COLO.



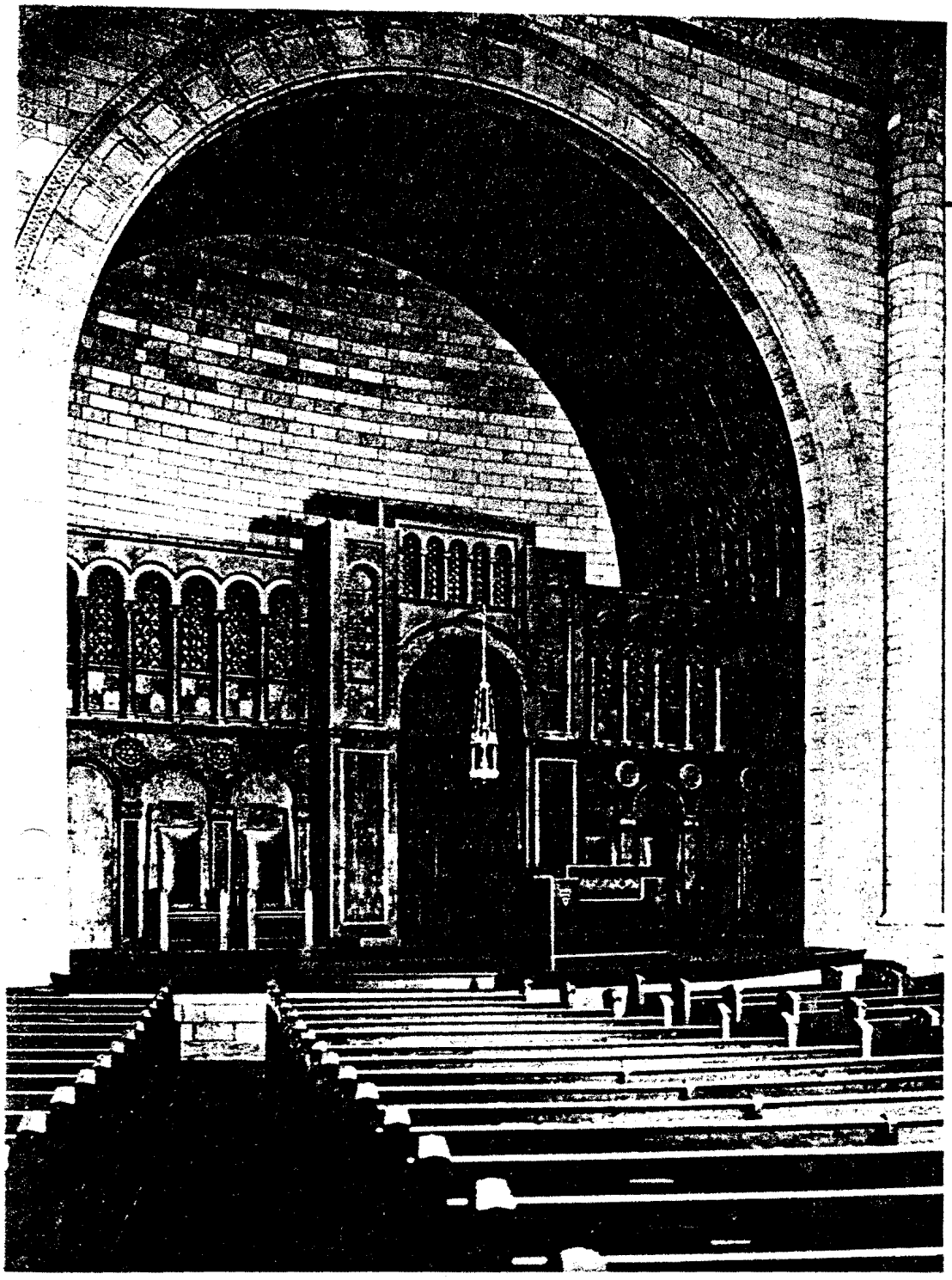
Simplicity was the key-note in the architectural design of this church—the result—serene beauty.

The Kimball organ is of two manuals and an Echo organ is located in the rear of the auditorium.



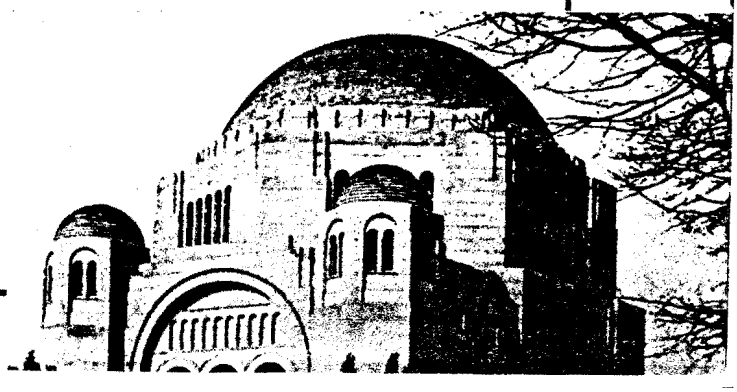
FIRST METHODIST EPISCOPAL CHURCH • WILMETTE • ILLINOIS

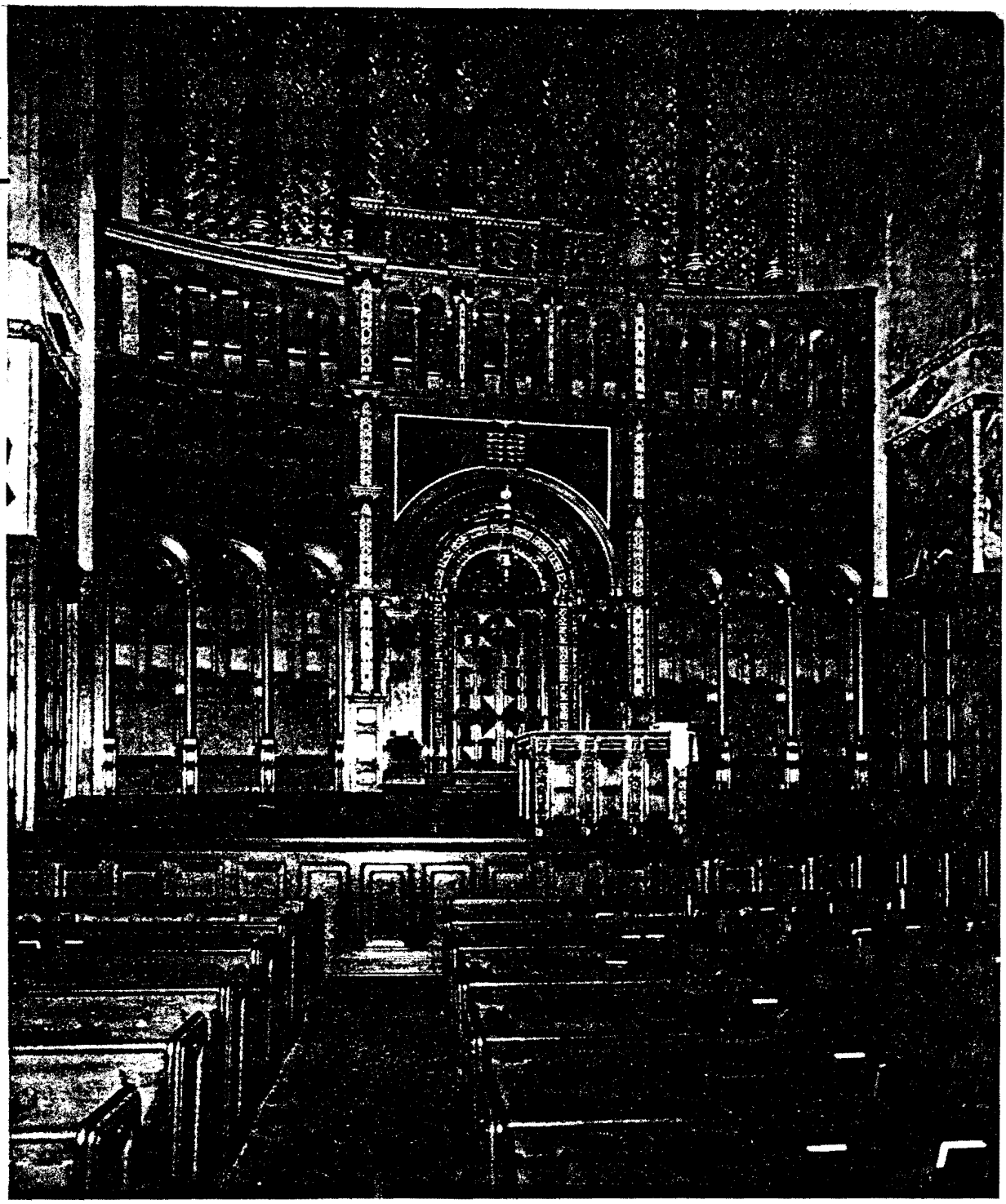
The three manual Kimball organ is installed in chambers on either side of the Chancel behind decorative grilles.



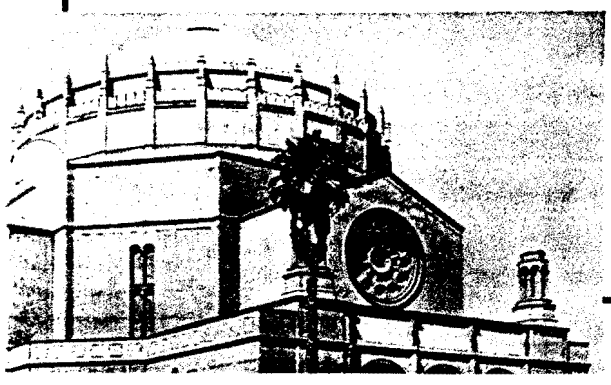
THE TEMPLE • CLEVELAND • OHIO

Of distinctive architecture, this edifice serves one of the most important Jewish congregations in this country. The four manual Kimball organ is located at the front of the auditorium and speaks through the grille above the arch. The console is not visible, being placed in the Choir loft behind a decorative screen. An Echo organ speaks through a grille at the rear of the church.

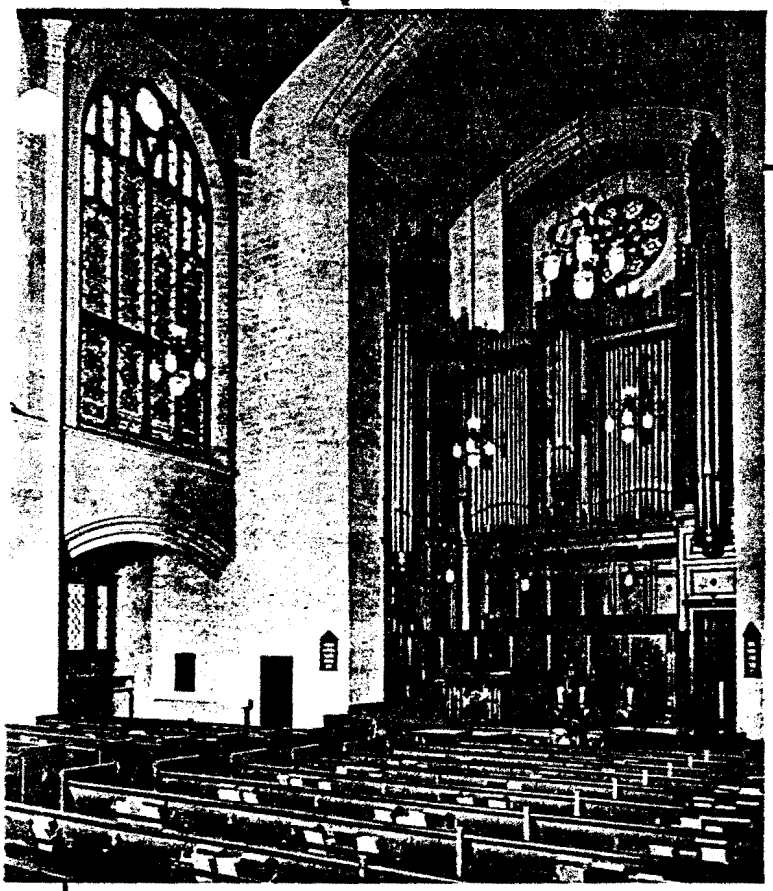




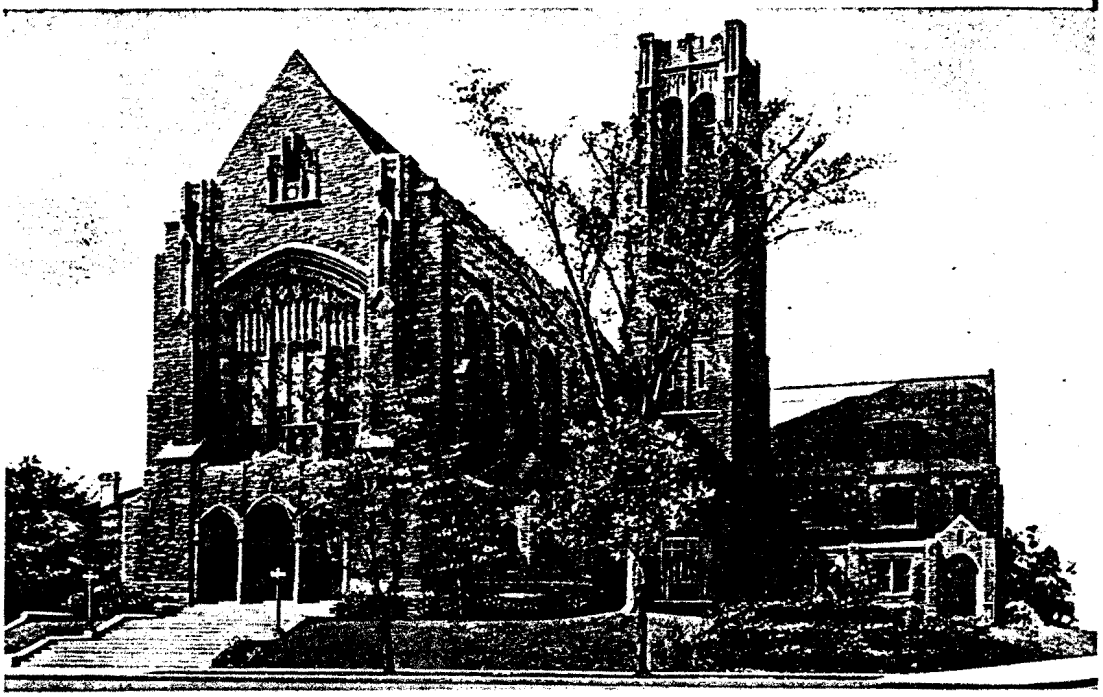
CONGREGATION B'NAI B'RITH • LOS ANGELES • CALIFORNIA



This magnificent Temple is known the world over for its beautiful murals executed by an European artist. The four manual Kimball organ is located directly behind the decorative grille above the Choir loft behind the wood panelled screen. There is also a two manual Kimball organ in a Chapel adjacent to the auditorium.

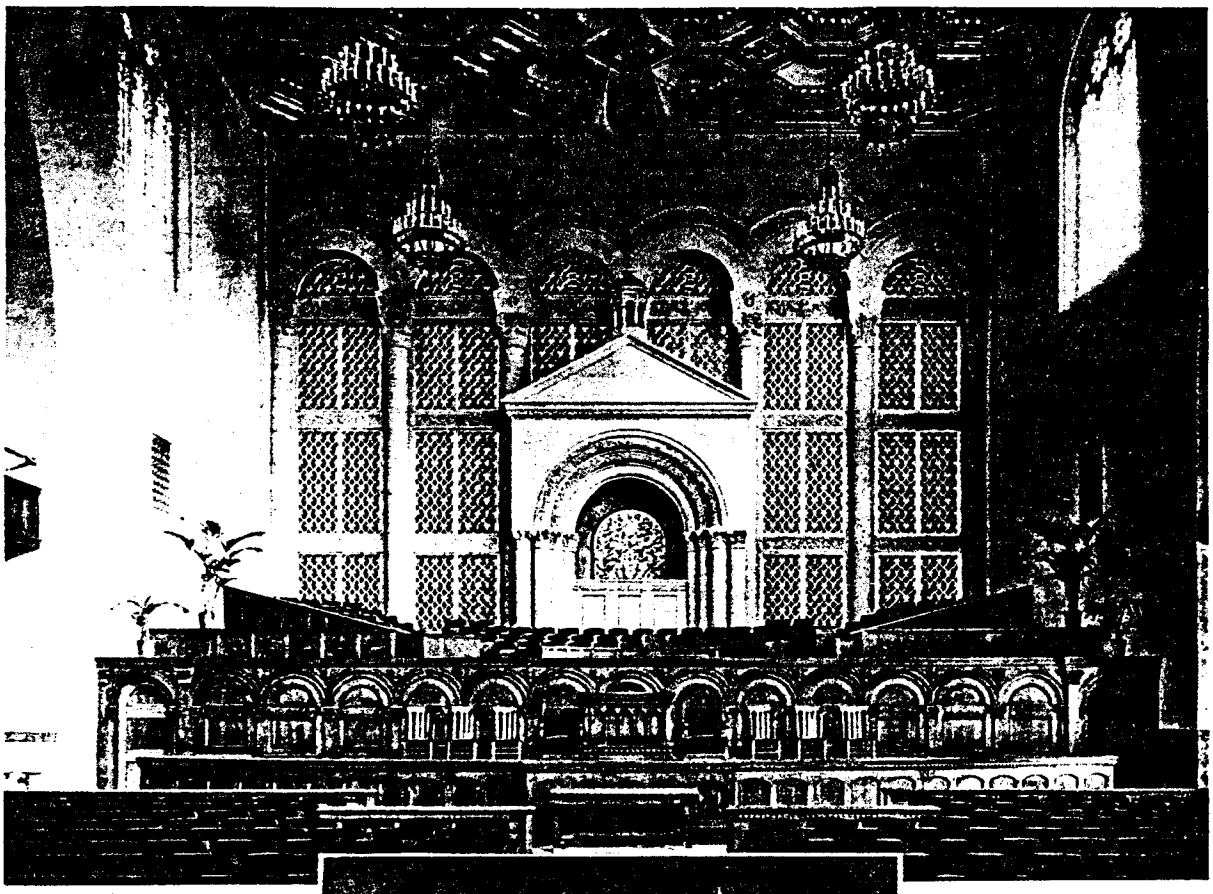


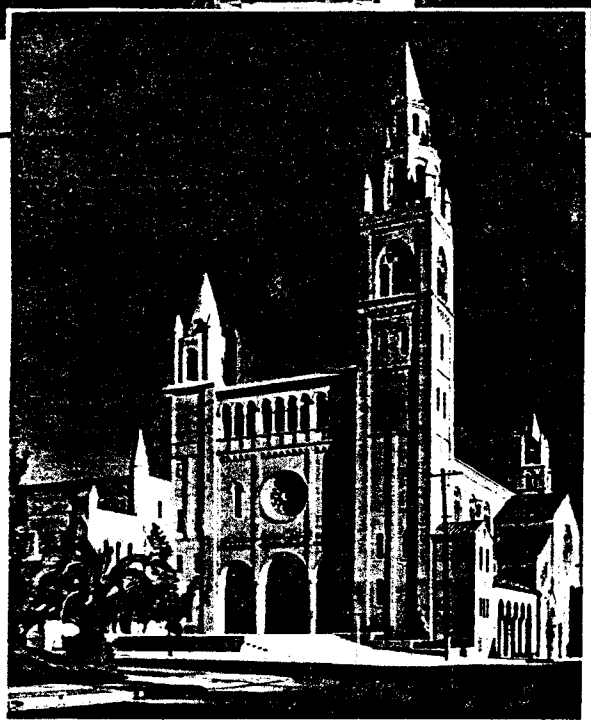
WESTMINSTER PRESBYTERIAN CHURCH AT ST. LOUIS, MISSOURI



One of the most churchly edifices in St. Louis; the three manual Kimball organ is in every way appropriate to the character and beauty of the Church and its service.

FIRST BAPTIST CHURCH • LOS ANGELES • CALIFORNIA

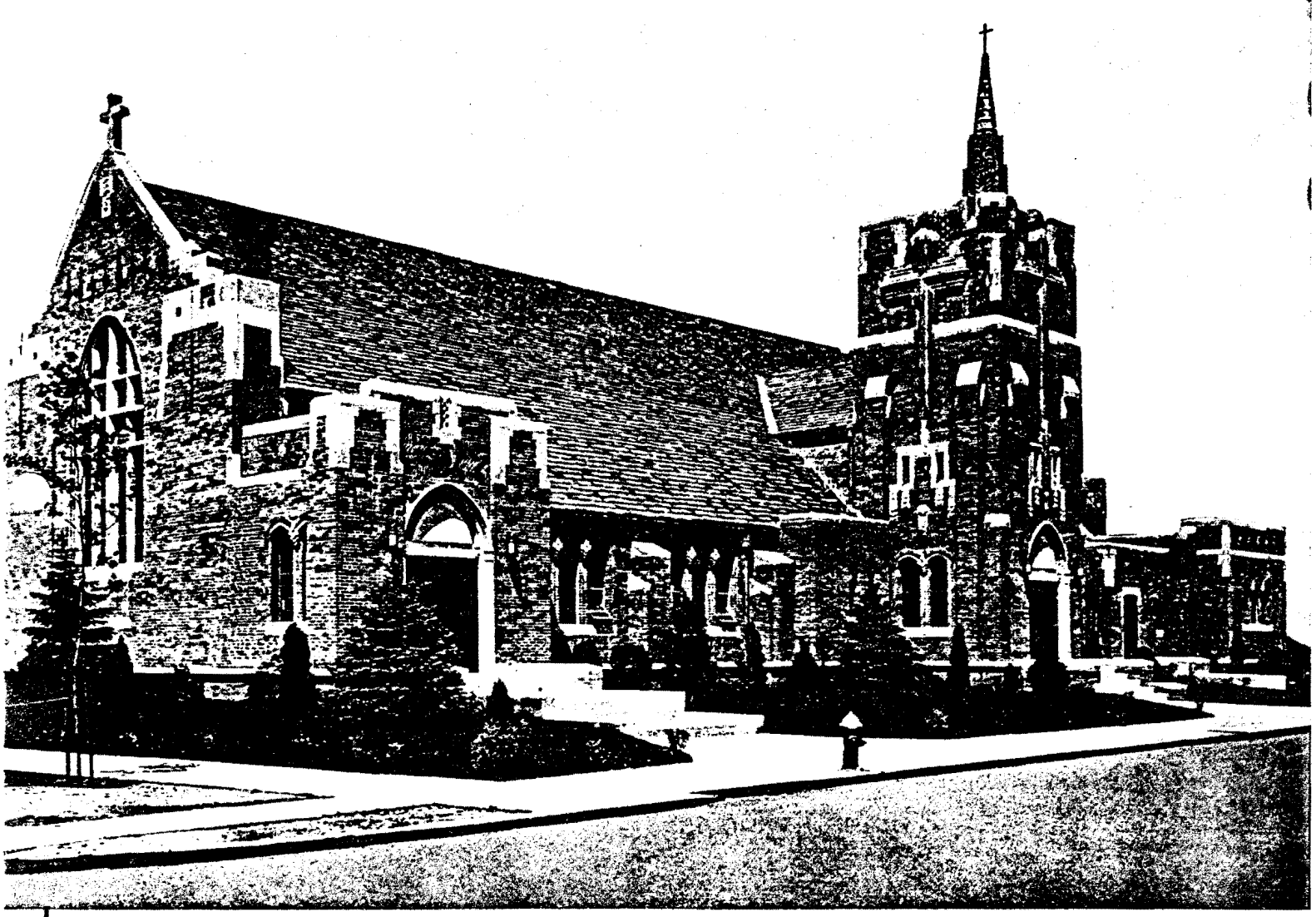




s edifice is one of the largest most beautiful churches of its mination in this country. The rose windows are reproduc- of the famous rose windows Chartres Cathedral, France.

Here we find a four manual Kimball organ behind the decorative grille; also a two manual Kimball organ in the adjacent Chapel.

ST. FRANCIS DE SALES ROMAN CATHOLIC CHURCH
BELLE HARBOR • LONG ISLAND • NEW YORK

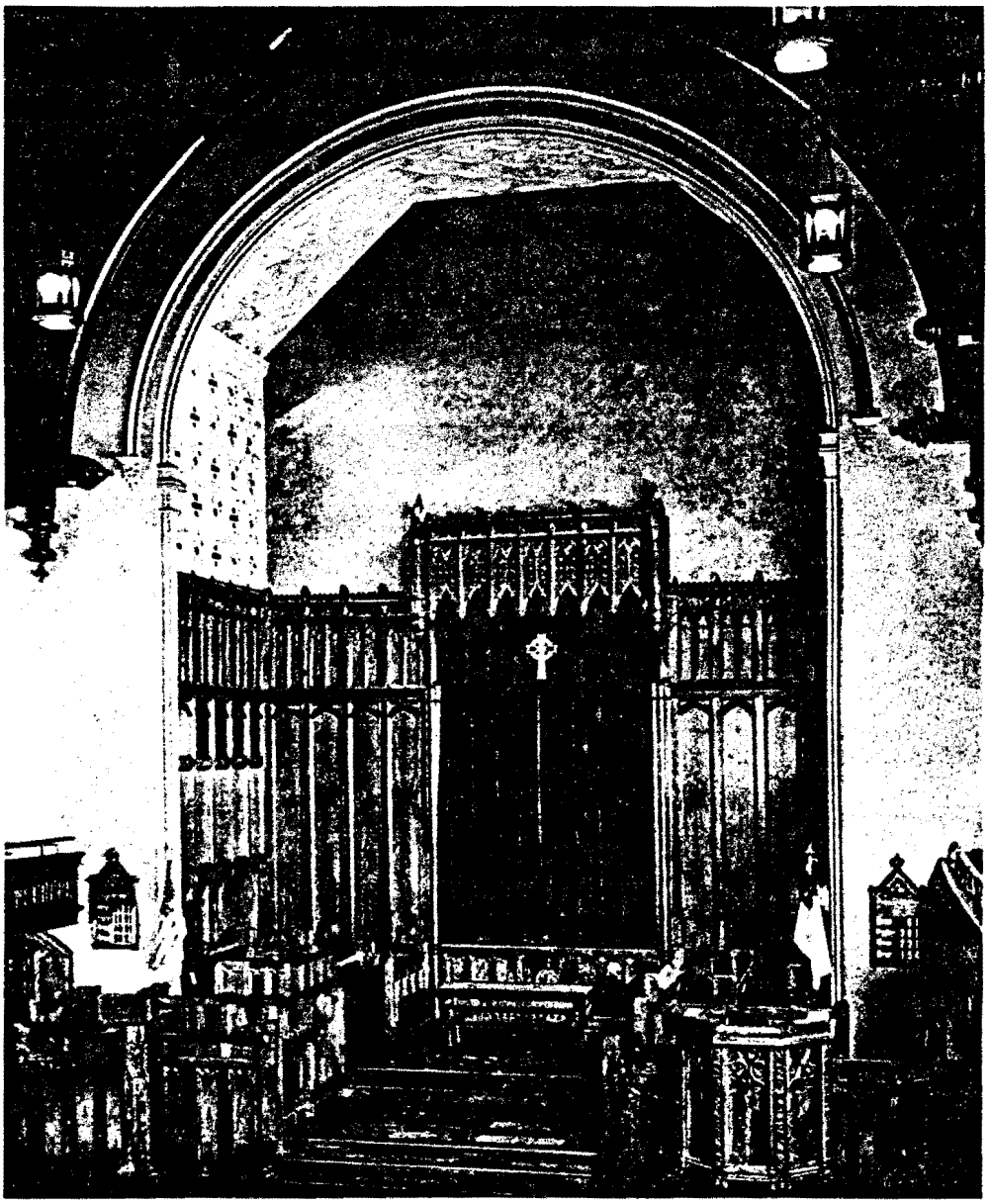


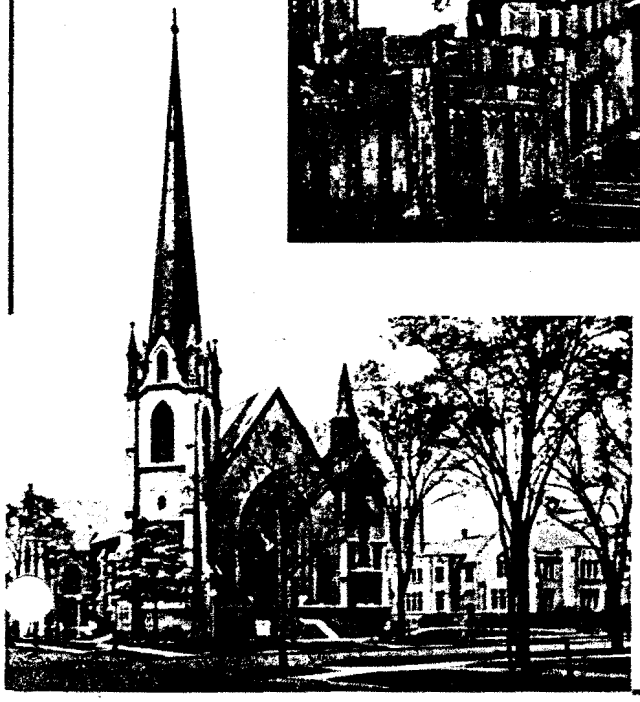
This beautiful parish Church was designed and built under the supervision of the Brooklyn Diocesan Building Commission, which also approved the purchase of the two manual Kimball organ, specially designed for the Catholic liturgy.

ST. PAUL'S CATHEDRAL • PITTSBURGH • PENNSYLVANIA

This four manual organ was one of many Kimball organs donated by Andrew Carnegie and was installed in 1900.

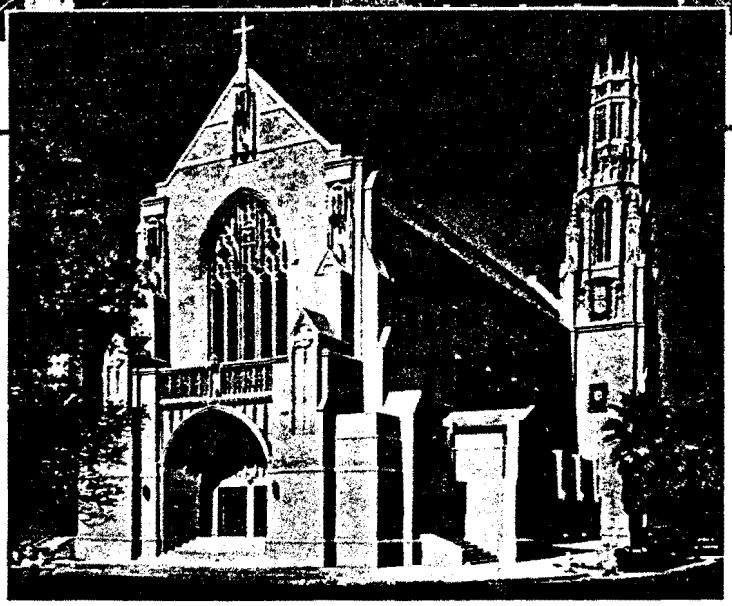
FIRST BAPTIST CHURCH • EVANSTON • ILLINOIS





The three manual Kimball organ is located in chambers on either side of the Chancel and speaks through decorative grilles. This organ was designed by Dr. William H. Barnes, eminent organ architect and organist of this church. In Dr. Barnes' "The Contemporary American Organ," the most authoritative book on organ building, is found a detailed account of the specifications of this organ.

ST. JAMES EPISCOPAL CHURCH • LOS ANGELES • CAL.



Kimball organ is
r manuals and its
'eauty is in keeping
'his Church, which
rchitectural master-
The organ is di-
vided and placed in chambers over the Chancel on either side. An Echo organ is located above the ceiling of the Church and speaks through a grille.

ST. JOHN'S CATHEDRAL

T DENVER • COLORADO

his historic Episcopal Cathedral was incorporated in 1861 by special enactment of the gislature of the Colorado Territory. Today it is one of the important Cathedrals in the world. he four manual Kimball organ is most comprehensive, serving not only the musical require- ents of the Cathedral, but as a recital organ for the City of Denver. The organ was the gift of rs. Lawrence C. Phipps as a Memorial to her father, the late Platt Rogers, former Mayor the City of Denver, Colorado. Specifications of the organ are as follows:

GREAT

(Unenclosed, except as indicated)

	Double Diapason	61
	Quintaton	61
	First Diapason	61
	Second Diapason	61
	Third Diapason	61
	armonic Flute	61
	ourdon	61
	Gemshorn	61
	First Octave	61
	Second Octave	61
	Flute Harmonique	61
	Octave Quint	61
	Super Octave	61
	Fourniture (19-22-26-29)	244
IV	Full Mixture (8-12-15-17)	269
	Contra Tromba	61
	Tromba	61
	Clarion	61
	Chimes	from Solo
	Tremolo (for enclosed labial stops)	
	*Enclosed	

SWELL

	Contra Salicional	73
	Echo Lieblich	73
	Geigen Principal	73
	Hohl Flöte	73
	Rohrflöte	73
	Salicional	73
	Voix Celeste	73
	Aeoline	73
	Aeoline Celeste	73
	Flauto Dolce	73
	Flute Celeste	61
	Octave Geigen	73
	Traverse Flute	73
	Twelfth	61
	Fifteenth	61
III	Cornet (12-15-17)	183
V	Plein Jeu (15-19-22-26-29)	305
16′	Waldhorn	73
8′	Trumpet	73
8′	Cornopean	73
8′	Oboe	73
8′	Vox Humana	61
4′	Clarion	73
8′	Harp	from Choir
4′	Celesta	from Choir
8′	Chimes	from Solo
	Tremolo	

CHOIR

16′	Contra Dulciana	73
8′	Diapason	73
8′	Viola	73
8′	Concert Flute	73
8′	Dulciana	73
8′	Unda Maris	73
4′	Prestant	73
4′	Viola	73
4′	Lieblich Flöte	73
2⅔′	Nazard	61
2′	Piccolo	61
1⅗′	Tierce	61
16′	Bassoon	73
8′	Trompette	73
8′	Clarinet	73
8′	Orchestral Oboe	73
8′	Harp	61 bars
4′	Celesta	from Harp
8′	Chimes	from Solo
	Tremolo	

SOLO

16′	Contra Gamba	73
8′	Flauto Mirabilis	73
8′	Gamba	73
8′	Gamba Celeste	73
4′	Orchestral Flute	73
4′	Gambette	73
2′	Piccolo Harmonique	61
8′	Tuba Mirabilis	73
8′	French Horn	73
8′	Cor Anglais	73
4′	Clarion	73
8′	Harp	from Choir
4′	Celesta	from Choir
8′	Chimes	25 tubular bells
	Tremolo	

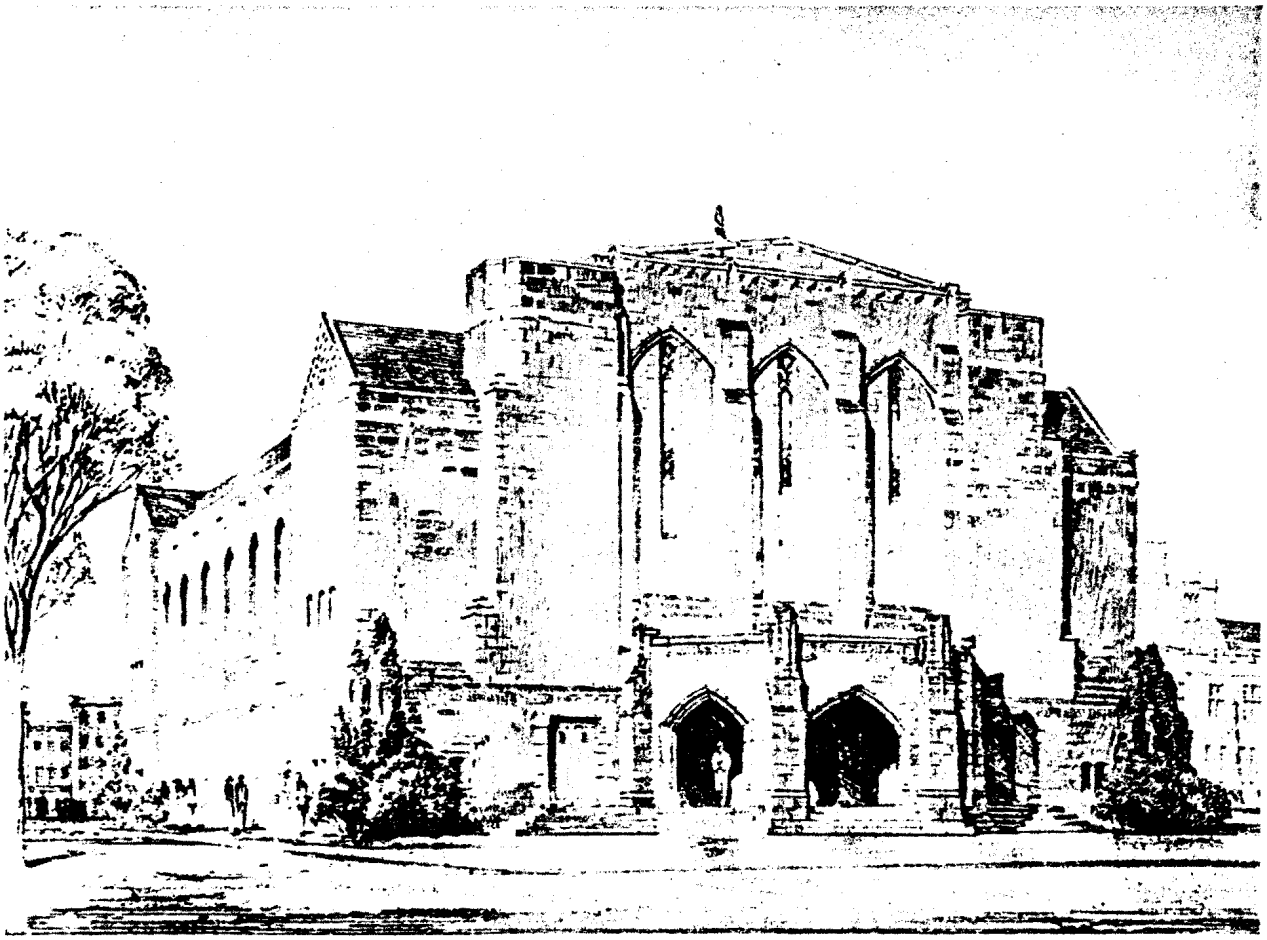
PEDAL

(Unenclosed, except as borrowed from manuals)

32′	Open Diapason	12
16′	Open Diapason	32
16′	Principal	32
16′	Double Diapason	from Great
16′	Geigen	32
16′	Violone	32
16′	Bourdon	32
16′	Contra Gamba	from Solo
16′	Contra Salicional	from Swell
16′	Echo Lieblich	from Swell
16′	Contra Dulciana	from Choir
8′	First Octave	12
8′	Second Octave	32
8′	Geigen	12
8′	Cello	12
8′	Flute	12
8′	Stillgedeckt	from Swell
8′	Dulciana	from Choir
4′	Super Octave	32
4′	Flute	12
IV	Mixture (12-17-19-22)	128
32′	Contra Waldhorn	12
16′	Trombone	32
16′	Contra Tromba	from Great
16′	Waldhorn	32
16′	Bassoon	from Choir
8′	Trumpet	32
4′	Clarion	32
8′	Chimes	from Solo

Thirty-seven couplers • Fifty adjustable combination pistons • Four balanced expression pedals; crescendo pedal • Mezzo-Sforzando and Sforzando reversibles • Nine reversible toe pistons, master expression and selective expression control to connect any or all expressions to any expression pedal.

THORNE HALL • NORTHWESTERN UNIVERSITY • CHICAGO



This auditorium serves the post-graduate Colleges of the Northwestern University and is a center for cultural activities for the University as well as the City of Chicago. The four manual Kimball organ has been played by the world's outstanding artists and has been widely acclaimed for its tonal beauty.

ORGANS FOR THE EDUCATIONAL INSTITUTION

THE very exact requirements of the educational institution as to its musical instruments must include tonal beauty, unfailing reliability and low cost of maintenance. The Kimball organ most admirably fulfills these demands as is evidenced by its world-wide acceptance by leading Universities and other educational institutions.

PARTIAL LISTING

Northwestern University, Chicago, Illinois

Vassar College, Poughkeepsie, New York

Cornell College, Mt. Vernon, Iowa

Grove City College, Grove City, Pa.

Ohio Wesleyan University, Delaware, Ohio

University of Oklahoma, Norman, Okla.

Lawrence College, Appleton, Wisc.

Missouri Valley College, Marshall, Mo.

Carleton College, Northfield, Minn.

Park College, Parkville, Mo.

State Teacher's College, Minot, North Dakota

American Conservatory of Music, Chicago, Illinois

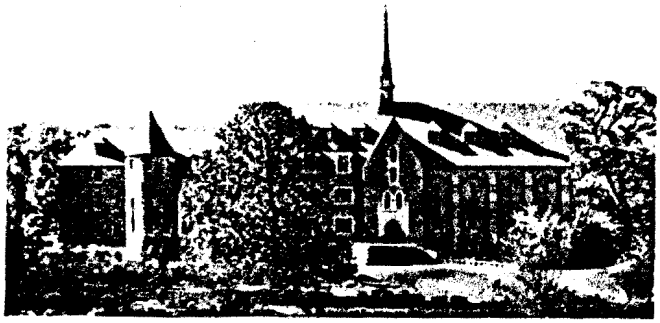
Detroit Conservatory of Music, Detroit, Michigan

Seijo—Sakuen School, Tokio, Japan

Union Medical College, Peiping, China

North Central College, Naperville, Ill.

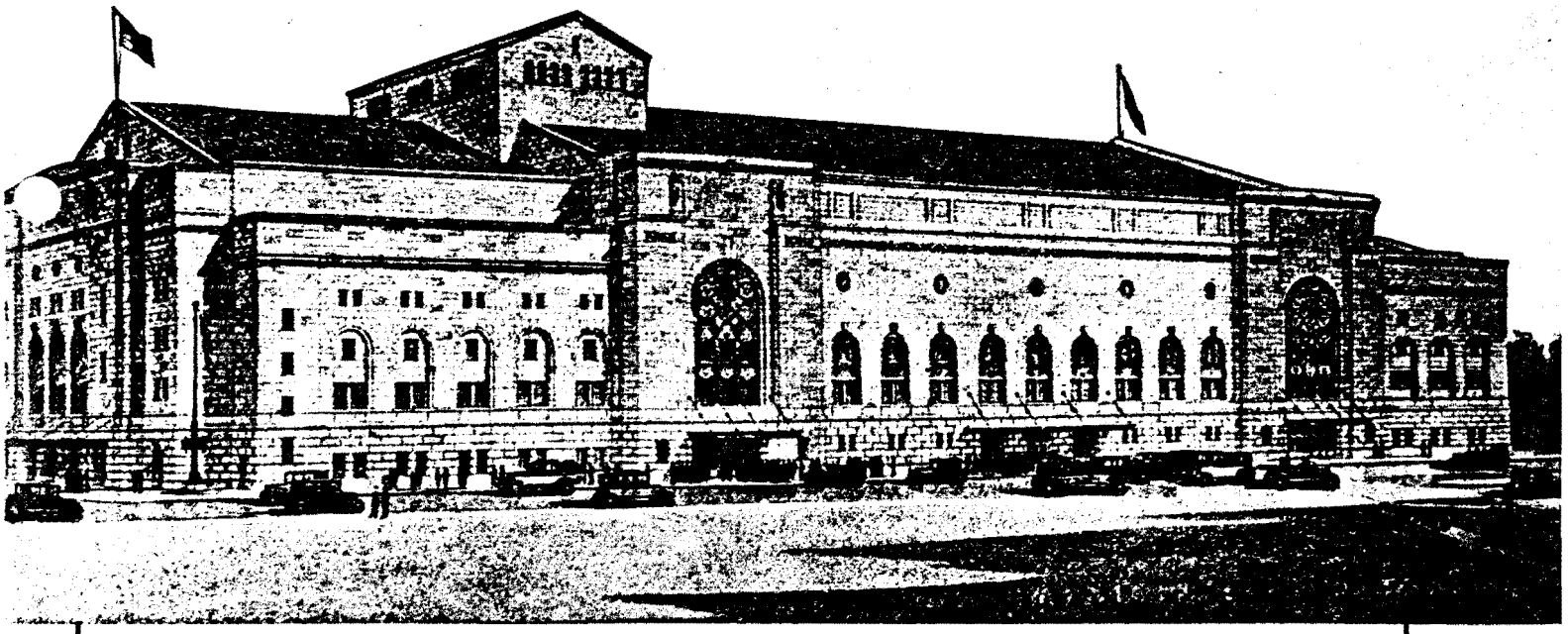
CORNELL COLLEGE, MT. VERNON, IOWA; four manual Kimball organ.



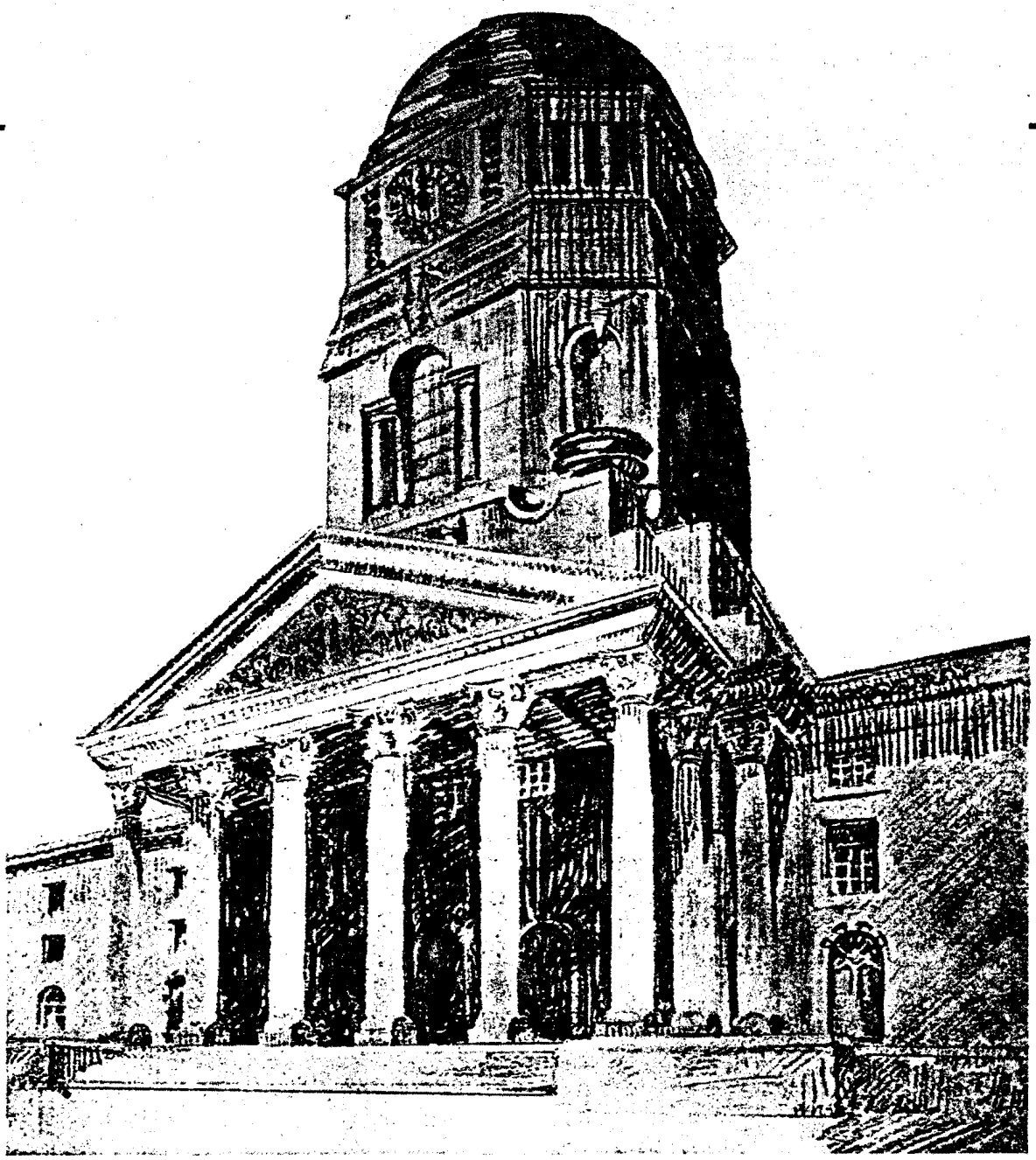
VASSAR COLLEGE, POUGHKEEPSIE, N. Y.; four manual Kimball organ, located in Belle Skinner Hall.

MUNICIPAL AUDITORIUM • MINNEAPOLIS • MINNESOTA

Seating 10,000 people, this huge auditorium has a large five manual Kimball organ of vast tonal resources. It is one of the largest organs in the world. Consisting of 102 speaking stops and 7 percussions, this organ is installed in specially built organ chambers on both sides of the proscenium arch. There



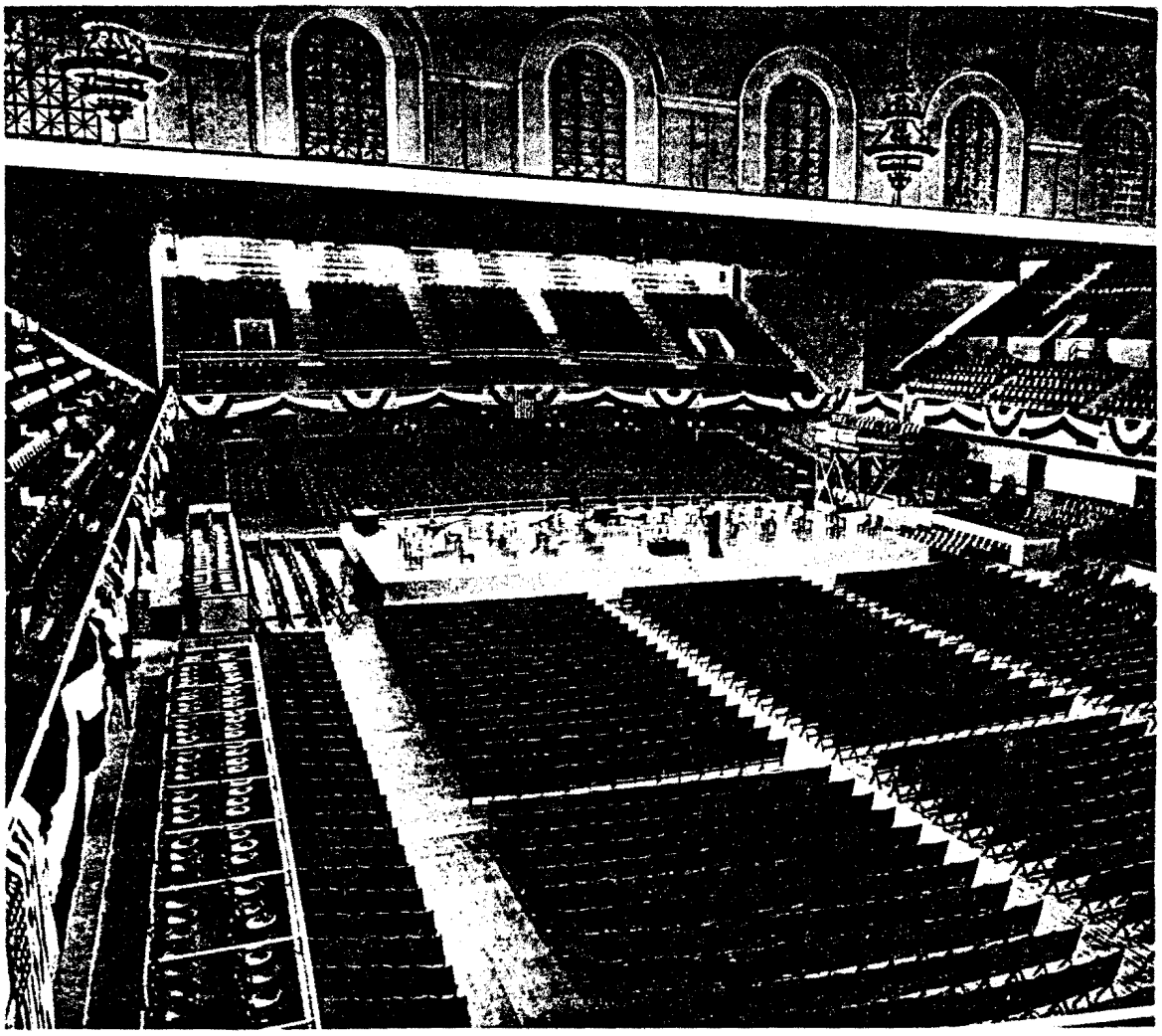
are two consoles, one five manual and one four manual, from which the organ can be played singly or simultaneously. The World's outstanding organists have played this organ before vast audiences and their praise of the tonal beauty of the organ is unanimous.



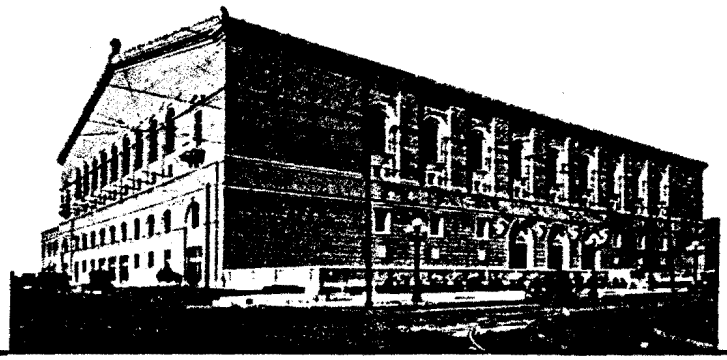
MUNICIPAL AUDITORIUM • PRETORIA • UNION OF SOUTH AFRICA

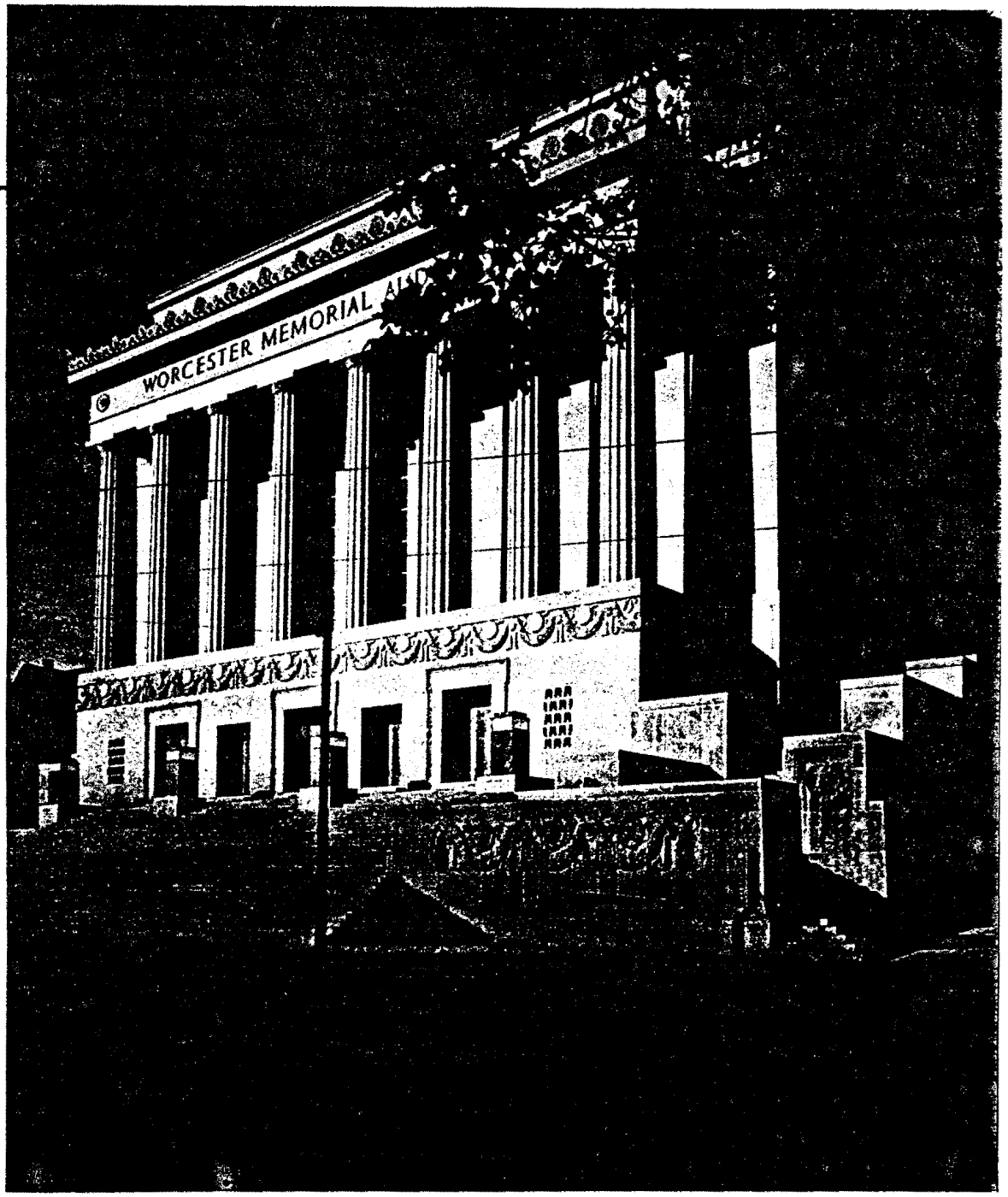
In this far away land of gold and diamonds, we find a large four manual Kimball organ, which serves as a fine recital organ for this city. The contract to build this organ was awarded in most severe international competition. The tonal beauty of the Kimball organ and its most reliable organ mechanism were the deciding factors in our favor, another proof of the world-wide confidence in the Kimball organ.

MUNICIPAL AUDITORIUM • MEMPHIS • TENNESSEE



The large five manual Kimball organ is located in several chambers suspended across the auditorium, a most unique but ideal setting for the organ.

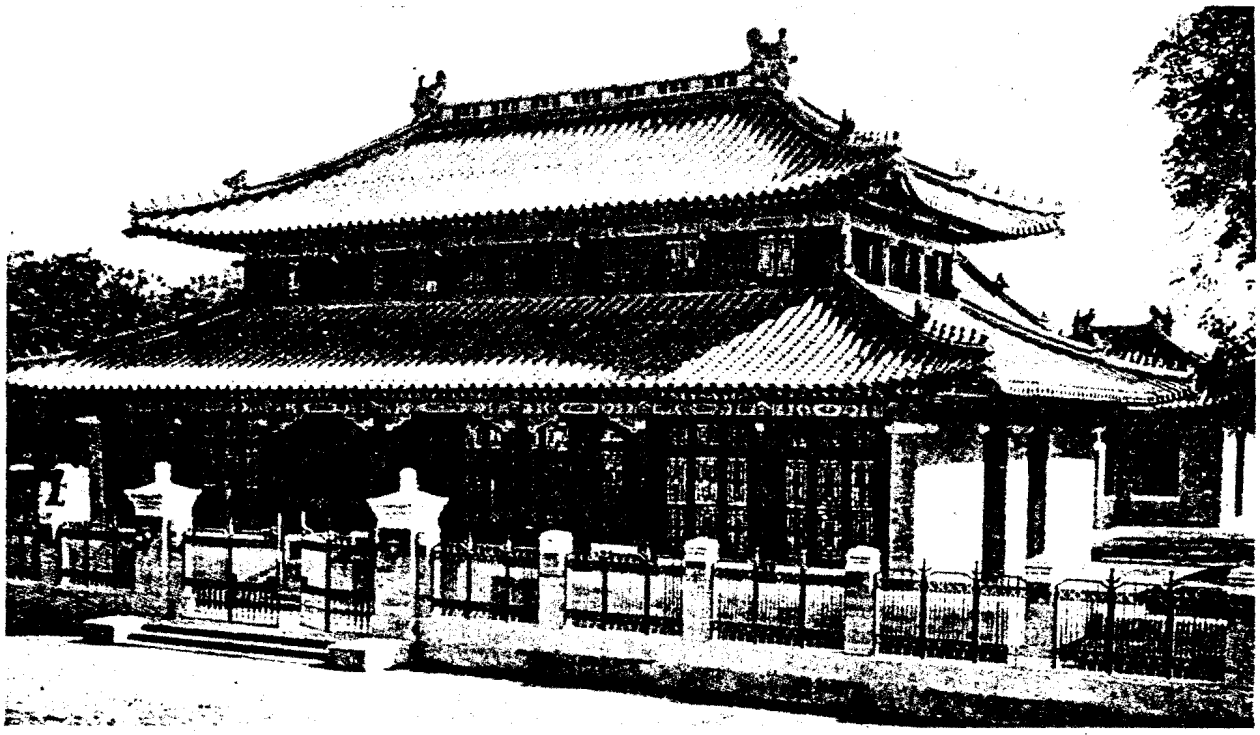




MUNICIPAL AUDITORIUM • WORCESTER • MASSACHUSETTS

This beautiful building, dedicated to the memory of those who paid the supreme sacrifice in the World War, is a most important center for musical activities in New England. The famous Worcester Festival, held here every year, draws attendance from the entire United States. The four manual Kimball organ is very comprehensive and was specially designed for the many purposes it serves.

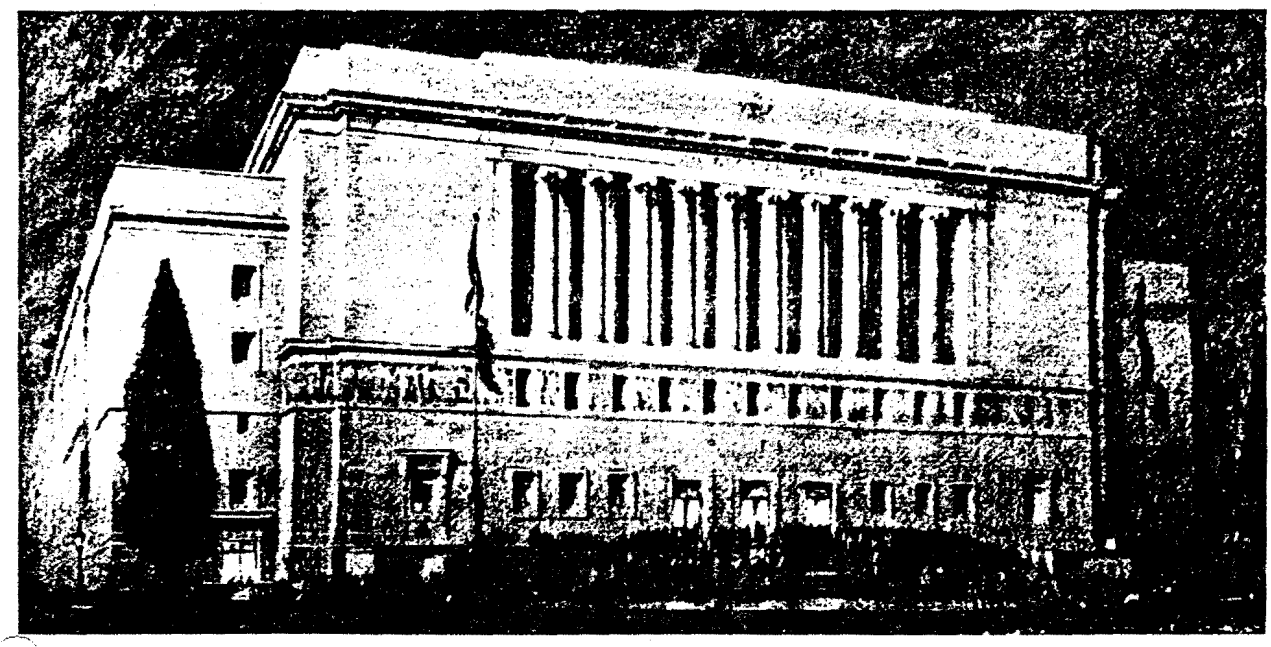
UNION MEDICAL COLLEGE • PEIPING • CHINA



Founded by the Rockefeller Foundation in 1919, this College consists of fourteen buildings on approximately ten acres of land. The architecture of all buildings is in harmony with the great architectural monuments of Peiping; the Chinese forms for the exteriors, but the interiors modified for the practical purposes for which the buildings are used. In the auditorium building, the center of all social and cultural activities, is found a Kimball organ used for Chapel services and recitals.

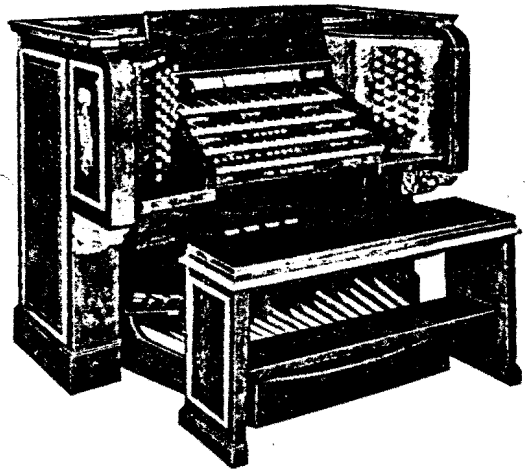
CATHEDRAL OF THE SCOTTISH RITE • ST. LOUIS • MO.

This stately building has a four manual Kimball organ in the large auditorium, which seats 3,000 people. Echo and Antiphonal sections of the organ are special features of this instrument, which is used primarily for accompaniment of the ritual work in the Lodge. Many organ recitals are also featured bringing out the beautiful solo effects of this instrument.



THE KIMBALL-WELTE

NO one has ever expressed the full value of fine music in the home. Filled with paintings, sculpture, objets d'art and every other luxury a home is poor indeed without some instrument of musical expression. What more irresistibly enchanting instrument can grace the home—than a reproducing pipe organ! A mere touch of a button will bring forth the great music of the world, from the simple melody of song to the majestic strains of a Beethoven Symphony or a Bach Fugue. The playing of the world's outstanding organists is at your command in the Kimball-Welte Reproducing Organ. In the words of one famous Artist: "*It produces the living soul of any artist so perfectly that I can distinguish my friends and colleagues in their interpretation and touch. It is impossible to tell the reproductions from the actual playing. It is the miracle of the century.*" The Kimball-Welte Reproducing Organ is easy to install. It may be placed in a basement, attic, stair or closet space with tone outlets through grilles in the living rooms. Its cost is moderate, its yield in beauty and enjoyment beyond evaluation.



Four manual console in Residence of Mrs. M. F. Yount, Spindletop Farm, near Lexington, Ky.

REPRODUCING ORGAN

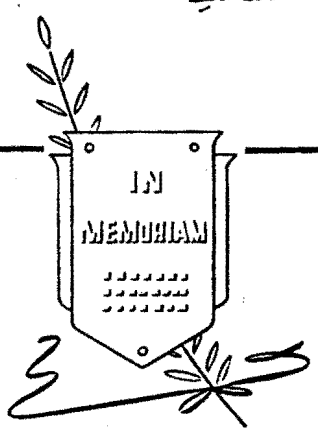
Music Room in Residence of Senator James A. Phipps, Denver, Colorado

Showing one typical Kimball-Welte Reproducing Organ installation, where the organ is located in the basement. The tone is carried into the living rooms by means of tone chutes and the tone openings are concealed behind hanging tapestries. The Kimball-Welte Player mechanism is installed in a separate cabinet and controlled from several program panels, from which any one of ten compositions can be selected at the mere touch of a button.

Residence of Senator James A. Phipps

THE PIPE ORGAN • A LIVING MEMORIAL

Frank W. Howes Memorial Chapel • Evanston, Illinois



The selection of a token given to cherish the memory of one departed merits careful and searching consideration. What more beautiful medium can be chosen for the expression of your thoughts—than a pipe organ! Its living quality of creating beautiful music — its dulcet tones of serene beauty — its vibrant and solemn grandeur — there is no other choice more capable of fulfilling your every wish.

PARTIAL LISTING

The Roger Platt Memorial Organ, St. John's Cathedral, Denver, Colo.

The William H. Martin Memorial Organ, First Cong. Church, Columbus, Ohio.

The World War Memorial Organ, Municipal Auditorium, Worcester, Mass.

The Belle Skinner Memorial Organ, Vassar College, Poughkeepsie, N. Y.

The A. C. Kuhn Memorial Organ, First Reformed Church, New Philadelphia, Ohio

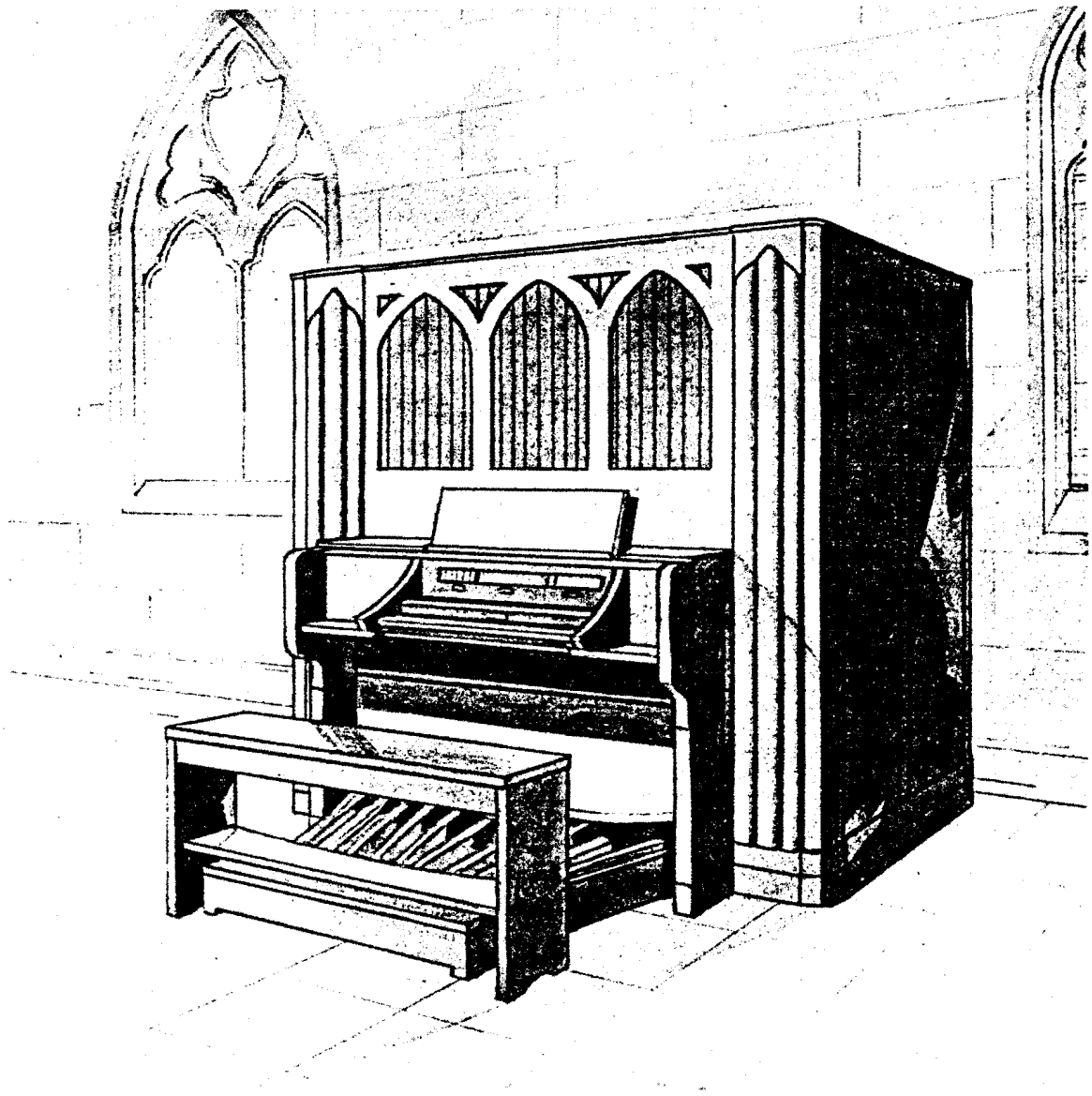
The F. W. Howes Memorial Organ, Howes Memorial Chapel, Evanston, Illinois

The S. M. Parrish Memorial Organ, Leigh St. Baptist Church, Richmond, Va.

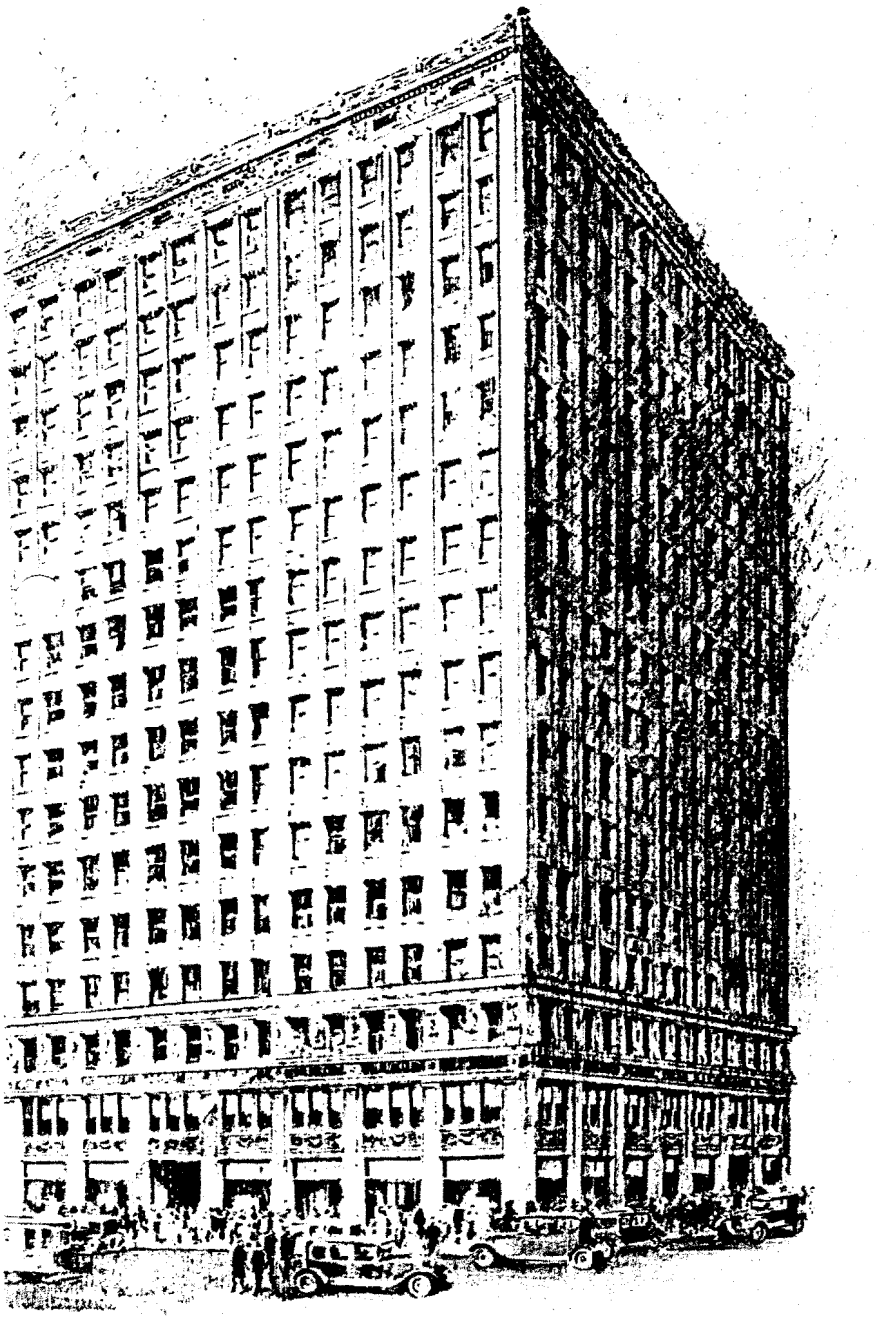
The Merner Memorial Organ, North Central College, Naperville, Ill.

The H. B. Hawley Memorial Organ, Women's Club, Des Moines, Ia.

THE KIMBALL SELF-CONTAINED ORGAN



This Kimball organ is built in beautiful casework of Gothic design with the console attached as shown above. If so desired, the console can be detached at little extra cost. This organ needs only a connection to a nearby electric outlet for its operation and requires a minimum of space. Built to the same standard of high quality as the large Kimball organs, these remarkable instruments are outstanding in tonal beauty and mechanical reliability, yet priced within the reach of the most modest appropriation. A special brochure about these organs is available upon request giving full details and prices of the various models.



KIMBALL HALL

THE HOUSE OF KIMBALL has erected in Chicago a tribute to music. This is a monument in fact — a towering shrine. From ground floor to roof music is its theme, for many floors of this notable skyscraper of downtown Chicago are devoted exclusively to music. There are practice rooms, studios of world-famous musicians, publishers, makers and sellers of all types of musical instruments. In Kimball Hall is one of the three largest conservatories of the land; also the oldest conservatory in America. In the auditorium of Kimball Hall—nationally known for its definite contributions to musical education and culture—artists of greatest fame have appeared. Sitting at their feet tens of thousands have lost themselves in that spell of music which lifts mortals from the land of mere hurry and flurry. The main organ and piano display rooms, and the executive offices of the W. W. Kimball Co. are in this building. Vistors are always welcome, cordially received at Kimball Hall.

KIMBALL
GRAND

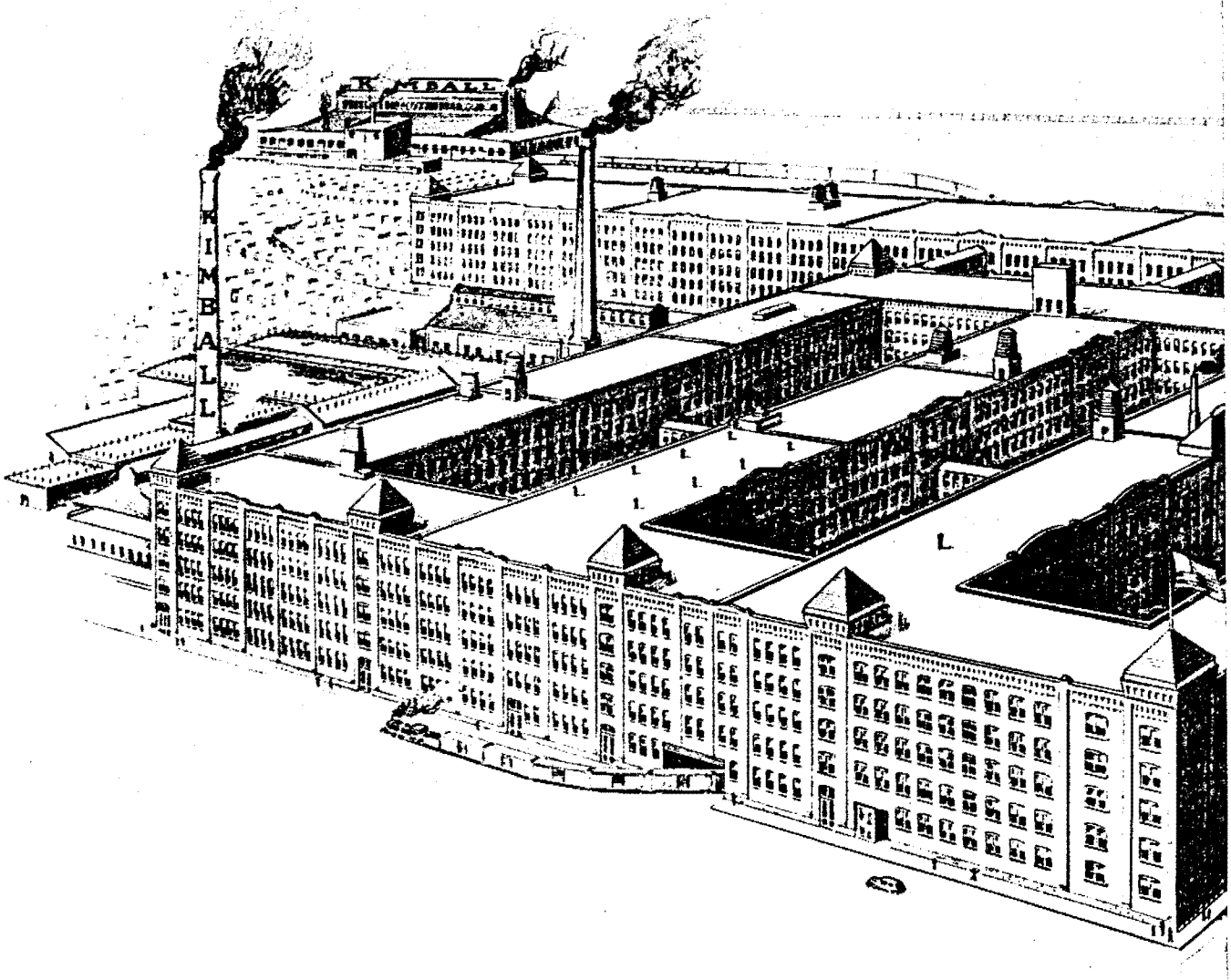
STYLE
"G"

KIMBALL PIANOS

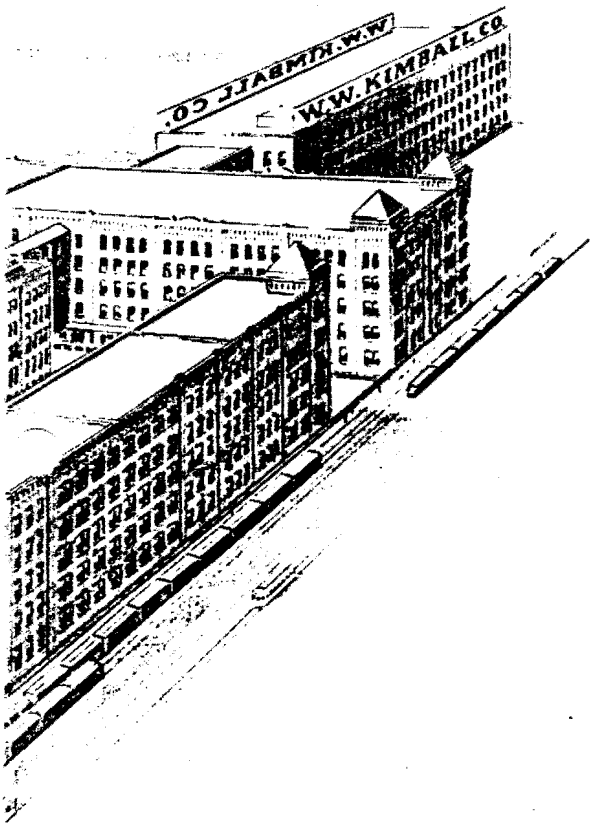
The Kimball piano of today as in the past, is as fine a piano as can be built. That is why many thousands of them are used in schools, colleges, conservatories; why the Kimball has for years been the choice of the world's finest musicians; why it is in more homes than any other fine piano. There is a Kimball piano priced for every purse, styled for every taste.

CONCERT
GRAND

STYLE
"M"

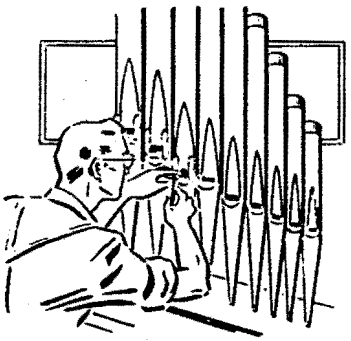


THE KIMBALL FACTORY • *The Largest in the World*
DEVOTED TO THE BUILDING OF FINE PIPE ORGANS AND PIANOS



THE KIMBALL FACTORY

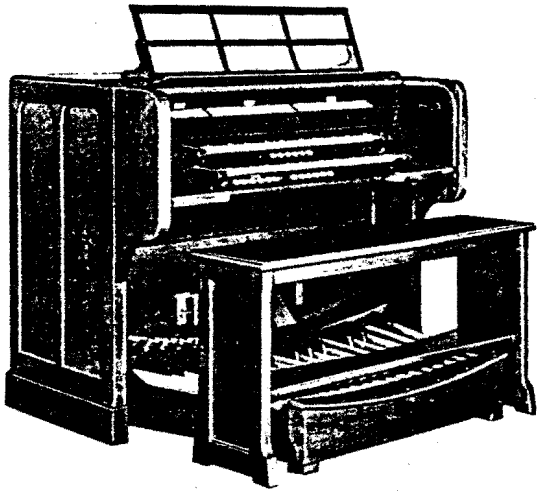
THE vast Kimball factory is located in the heart of Chicago's industrial section with its own railroad sidings for receipt of raw materials and shipping of the finished product. Its own power plant supplies power, light and heat—economy and independence are part of the Kimball creed. In the purchase of all materials the Kimball Pipe Organ Department benefits by the great purchasing power of the W. W. Kimball Company. The great volume of materials used by the combined organ and piano factories commands lower prices than can be obtained by those who manufacture pipe organs only. Many of our employees can look back on forty and fifty years of continuous service —father and son work side by side. As generations of the Kimball family succeed to the management of our firm, the families of our employees carry on from generation to generation. All parts of the Kimball organ are built in our factory. Rigid control of the quality of materials and workmanship is exercised at every stage in the building of the organ and the entire instrument is erected for a final and conclusive test in our factory before being shipped to its destination.



THE KIMBALL ORGAN

FOR those who are making a thorough and searching investigation of the various organs and who believe in FACTS, we recommend a close scrutiny of the following pages. It is our aim to show how the Kimball organ is built and how it operates—and in language which will be easily understood by all.

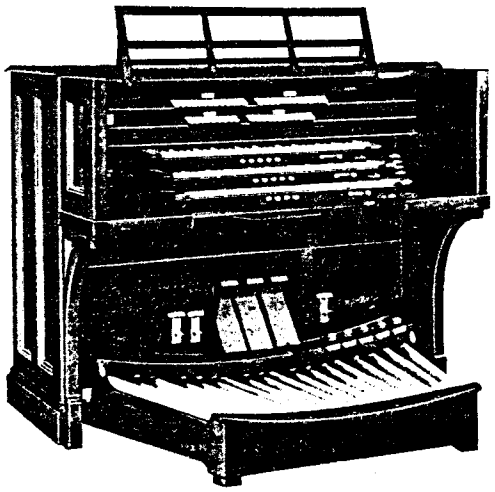
Let us take you to a Kimball organ — let us together closely examine every part of its mechanism and pipes. Our first glance will show that an organ is made up of two main divisions. The first one we encounter is the Console or Keydesk. The other is the Organ itself—its windchests, reservoirs, wind trunking, its expression controlling swell shutters and the ultimate reason for the mechanism—the pipes.



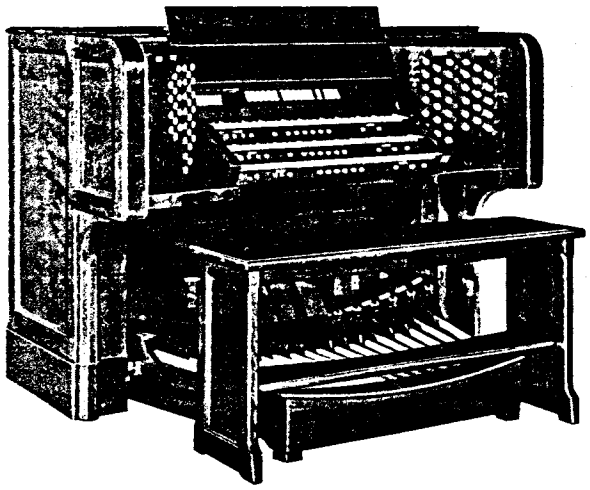
Two Manual Stopkey Console

THE CONSOLE

WE find that the Kimball console is a well executed example of the cabinet maker's art, built of whatever wood best harmonizes with the environment and well finished inside and out. There are two types of consoles, the stopkey console (as shown by illustrations No. 1 and No. 2) and the drawknob console (as shown by illustrations No. 3 and No. 4). The stopkey console is available in two and three manual organs and the drawknob type in all sizes. The choice of console has no bearing on the efficiency of the organ, but is rather one of personal preference of the organist



Three Manual Stopkey Console



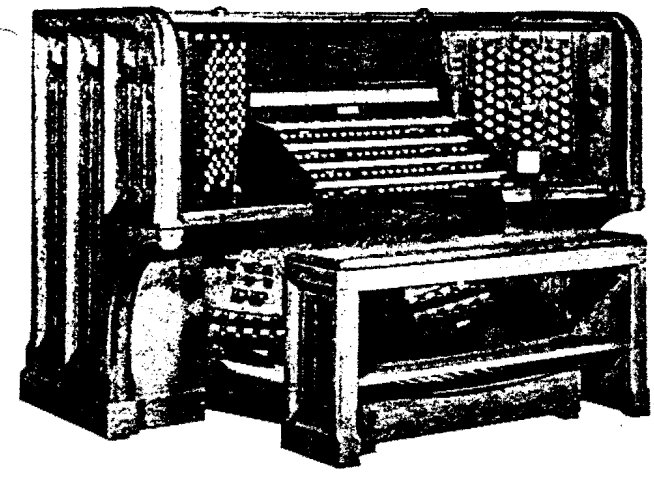
Three Manual Drawknob Console

and purchaser. All playing controls are located in accordance with the standards adopted by the American Guild of Organists and easily reached without loss of balance on even a five manual console. Both manual and pedal keys are hinged and removable for easy access to contacts and regulating devices. We note with interest that the sharps on the pedal keys are made of black moulded bakelite having remarkable wearing resistance, far superior to the wood sharps generally used. If stopkeys are chosen for stop controls, we find each one set in a metal frame containing the spring and adjusting screw and removable as a unit. The drawknobs move in and out in a straight line in velvet bushings and both types of stop controls are assisted in their motion by a toggle spring or cam so their position is positive, either on or off. The expression and crescendo pedals are mounted on a hardened steel shaft and turn in bronze bushings with independent tension adjustments. These bearings are lubricated from the outside by ball cup oilers so that wear is negligible and squeaks eliminated. All other controls such as combination pistons and toe pistons are mounted in self-contained units for easy inspection and adjustment. The combination mechanism is installed inside the consoles of stopkey type. It is prompt, reliable and quiet. The entire mechanism is of metal, made to

utmost precision. In drawknob consoles the actual combination mechanism is located outside the console, in the blower or relay rooms, and actuates the stop controls by remote control. This most ingenious and reliable mechanism is built according to a secret design and its perfection in speedy and accurate operation is a marvel of fine engineering. All consoles are insulated by special methods to reduce noise to its very minimum.

THE ORGAN

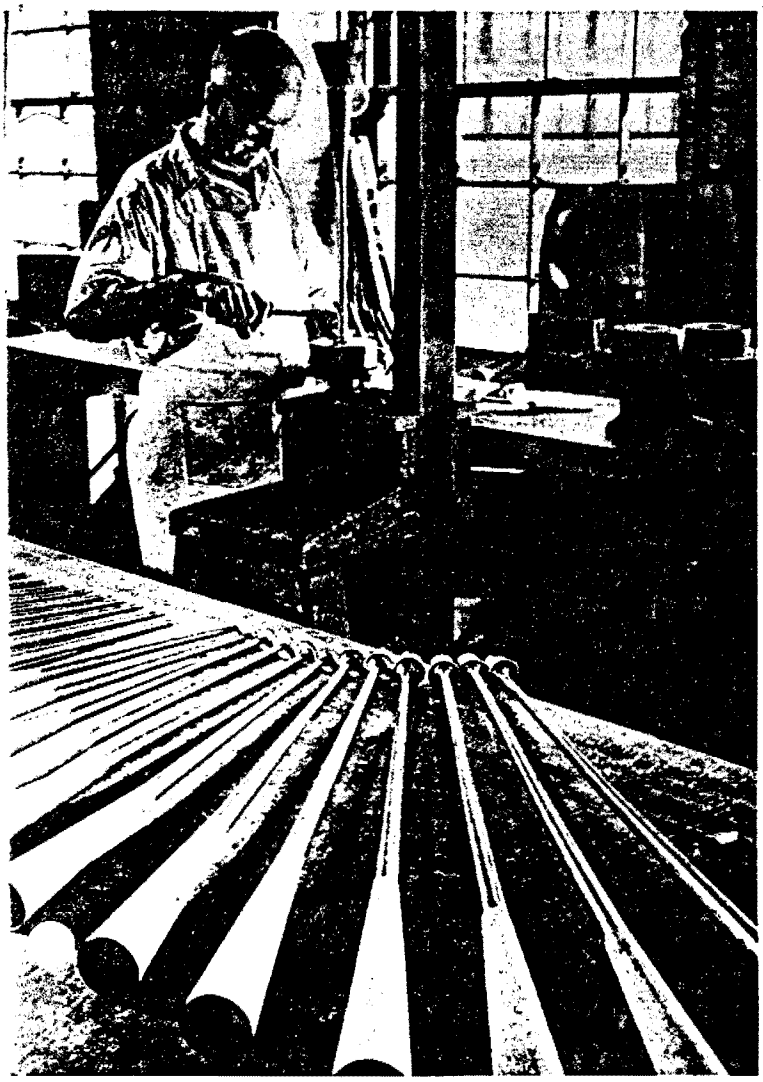
Turning now to the other main division we find the chests, reservoirs, etc. are made of No. 1 clear white pine. In the supporting structure we note the sound, clear Douglas fir. All this woodwork is carefully protected by two coats of lacquer, a tougher and more lasting finish than the widely used shellac. The compressed air originating in the blowing plant is delivered to the reservoirs which are equipped with several valves of graduated sizes, delivering a copious amount of wind to the chests and creating absolute "steady wind" for either "staccato" or "fortissimo" playing of the organ. The very finest alum tanned sheepskin is used both inside and out for the reservoirs insuring reliability and long life. The tremolos are of the bellows type, made of white pine. Their speed is governed by the adjustment of a weight, which acts like a pendulum. The intensity of beat is governed by a movable gate-valve in the supply pipe. A truly beautiful vibrato is obtained by this ingenious method of dual control of the tremolo. We now pay especial attention to the swell shades, which are made of laminated wood, two inches or more thick. Obviously, the unusual thickness is to secure the wide range of expression which is such a notable feature of the Kimball organ. The shutters are also graduated in size and each one is operated by its individual "motor", which in its turn is controlled electrically by contacts under the expression pedal in the console.



Four Manual Drawknob Console

By opening the narrowest shutter first and the others in succession a smooth crescendo of tone is possible, truly astounding. The rapidity of the swell shutter mechanism permits the swiftest accents, so essential for the rendition of truly fine music. ❧ The number of movements of an organ key in only one year's use is almost incredible. The contacts must make circuit every time—and the first time even after long disuse. We find the contacts made of coin silver, an element which does not fail as a result of oxidization or tarnishing. In addition the motion of the key causes a slight rubbing action between the two surfaces of each contact which keeps them clean and polished. From the contacts the current flows into the cables and through them into the magnets. The cables are machine spun, soaked in paraffin, are wound in many wrappings of paraffined paper and encased in an outer covering which is impregnated with a flame-proof slate compound. Each wire in the main cables is individually insulated with nine coats of baked enamel under the paraffined insulation. Kimball cables comply with the code of the National Board of Fire Underwriters, which even permits their installation without conduit—so safe are they from electrical or fire hazard. ❧ The magnet armature, lifted by electrically energized magnet coils acting therefore as a valve, starts the train of pneumatic impulses which results in a speaking pipe. The magnet is therefore the "brains" of the organ and must always function under all conditions. We find the Kimball magnet made to utmost precision. The base is die cast in one single piece, the armature of copper plated soft iron, and the inlet of air to the magnet is protected by a fine mesh-screen which prevents the entrance of foreign matter which is the commonest cause of "ciphers". There is nothing finer than the Kimball magnet—many years of research and use have

Working on Console in Factory

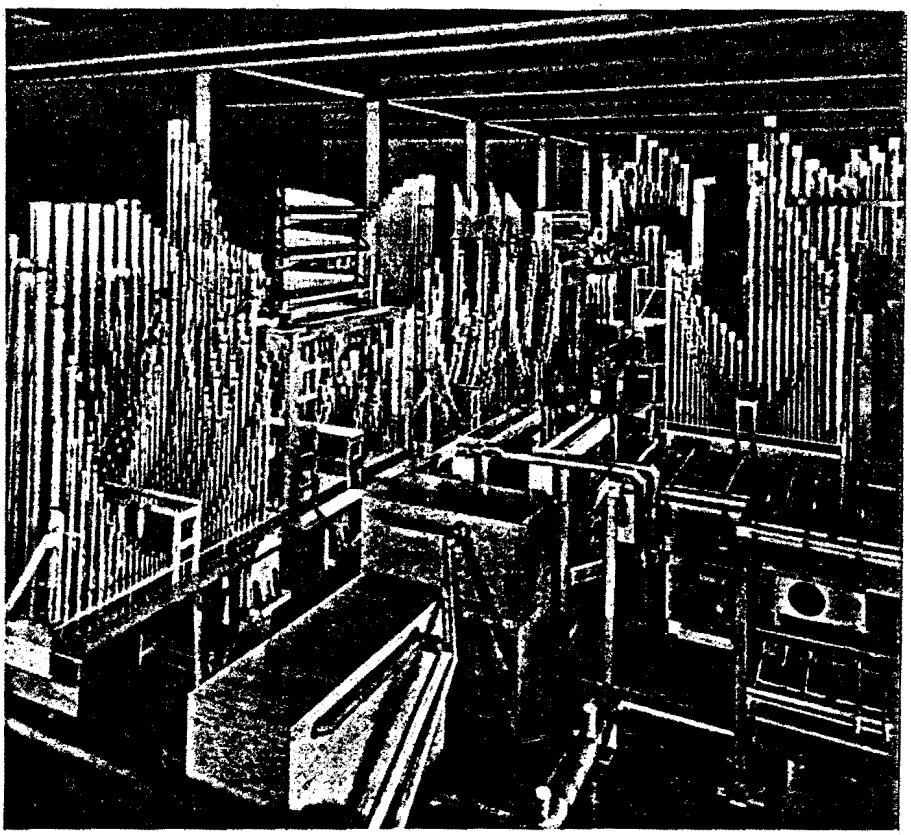


Reed Pipes Being Made in Pipe Shop

Voicing of Organ Pipes

proven its superiority. The Kimball chests are of the famous "Pitman" type and all air channels in the chest receive three coats of varnish to insure against any air leaks from one channel to another. The pouches are made of soft English tanned leather and the reliability and durability of this type of chest is proven by many years of use in thousands of pipe organs. The rapidity of the Kimball mechanism is largely due to this well designed and carefully built chest, which has no superior. All Kimball pipes are made in our factory. The metal pipes are made of metal sheets cast to desired thickness and of varying percentages of tin and lead as specified by the Voicing Department. Most Kimball Diapason pipes are made of "spotted metal," an alloy of 60% tin and 40% lead. Strings and flute pipes are made of metal of even higher percentage of tin, up to 90%, which is termed "pure tin". These metals, rich in tin, create pipes which can be voiced to give a rich, vibrant tone of great harmonic development. All metal pipes have slide tuners, even when slotted to insure permanency of pitch. All wood pipes are made of white pine with hardwood mouths and hardwood fronts and back in the pipes above 2′ C. The Kimball reed pipes are

made with spotted metal resonator bells, the reed tongues of heavy burnished brass, securely inserted in the eschallot by means of brass wedges. The tuning wire is heavy and passes through an extra heavy block, cast with a shoulder supporting the eschallot against the pressure of the tuning wire. The Kimball reed pipes due to their sturdy construction stand in tune as well as flue pipes. ❧ Voicing of the organ pipes is truly an art and the artisans who are entrusted with this important duty in our factory are men who have spent a lifetime at their work. Our head voicer is the directing genius who has the tonal picture of the entire organ in his mind and who lays out the scale and specifies all other details concerned with the pipe structure. His assistants, each a master in his specific branch of work voices the pipes in each set and then finally our head voicer makes a thorough inspection of each stop when completely finished. The Kimball voicing staff works closely with the Kimball staff of tonal designers—their purpose is one and the same—to create a truly fine tonal masterpiece. ❧ All Kimball organs are erected in our factory for a thorough mechanical test before shipment. Electrical and wind connections are made and each note is operated so as to be sure that nothing has been overlooked. ❧ Its installation is entrusted only to expert organ technicians trained in the Kimball factory. A final tone regulation is given the organ after it is completely installed, so as to bring it as close to perfection as the acoustics of the auditorium will allow. ❧ From the birth of a Kimball organ on paper—the specifications—to the last tonal regulation and tuning in its final home—it receives the attention of the most expert artisans—men whose life is that of love for their work. The Kimball creed is this; to create of mere material things a work of Art—a living memorial to human efforts.



Kimball Organ Erected in Factory for Final Testing