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<thead>
<tr>
<th></th>
<th>COOLING</th>
<th>HEATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling</td>
<td>6,000, 8,000,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12,000, 15,000</td>
<td></td>
</tr>
<tr>
<td>Cooling with</td>
<td></td>
<td>Up to</td>
</tr>
<tr>
<td>resistance heating</td>
<td>6,000, 8,000,</td>
<td>4.5 KW heat</td>
</tr>
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<table>
<thead>
<tr>
<th>COMFORT APPLICATIONS</th>
<th>STYROFOAM SM (K = .18)</th>
<th>STYROFOAM FR (K = .24)</th>
<th>STYROFOAM SB (K = .18)</th>
<th>STYROFOAM TG (K = .18)</th>
<th>MASTIC #11</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Miller System</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Cavity Wall</td>
<td>X</td>
<td>X</td>
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<td>Plaster Base</td>
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<td>Sheathing</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOW TEMPERATURE APPLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling &amp; Walls</td>
</tr>
<tr>
<td>Plaster Finish</td>
</tr>
<tr>
<td>Under Floor Slab</td>
</tr>
<tr>
<td>Over Roof Deck</td>
</tr>
</tbody>
</table>

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VOLUME VIII, NO. 4/JULY-AUGUST, 1969

CONTENTS:
All projects are Renovations, Remodelings or Additions.
12 Kentucky State College Science Building, Frankfort
13 St. William Catholic Church, Louisville
14 Byck's Women's Specialty Shop, Children's Department, Louisville
16 Southern Hills United Methodist Church, Lexington
17 Lee Terminal Building, Standiford Field Airport, Louisville
18 Parkland Elementary School, Louisville
20 First Security National Bank and Trust Co., Chevy Chase Branch, Lexington
21 Louisville Free Public Library, Louisville
22 St. Therese Catholic Church, Louisville

Design: Julius Friedman
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
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</tr>
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<td>636-1941</td>
</tr>
<tr>
<td>David Ross Co.</td>
<td>8909 Prospect Ave., Louisville</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Charles W. Knight Co.</td>
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<td>239-8962</td>
</tr>
<tr>
<td>Lynn Lassiter Plaster Co.</td>
<td>4th &amp; Chestnut, Murray</td>
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Varied pole heights answer lighting needs at library addition

At first glance, you sense the functional beauty of the outdoor lighting around Louisville's new Public Library Addition. Complementing the building's attractive appearance are 20 pole-type Sterner fixtures. Each is topped off by a 24" breakproof white plastic globe, and illuminated by a 250 watt mercury vapor lamp.

But take a closer look. That's when you see the special methods used to answer requirements specified by the architect. Globes had to be at the same elevation. Also, light fixtures had to be strategically placed for uniform foot candle distribution and aesthetic value. But walkways, steps and ramps were terraced. This meant different pole heights were needed. As supplied by the manufacturer, they actually vary from 7' 7" to 15' 4-9/16" overall.

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Give us a call on your next outdoor lighting project!
This addition to Carver Hall, the Science Building at the College, contains laboratories and office space for Science departments. The site is an area between the existing Science building and the existing Library. Since additions to both buildings were being planned simultaneously they were programmed as a grouping. Each of the professors' offices is planned with an adjacent research lab shared with one other office.

The construction consists of concrete pan joists, concrete columns, brick and concrete block exterior walls, concrete block interior partitions with epoxy finish and resilient tile floors. The total cost, including renovation work in the existing building and lab equipment and tables, was $596,495.
This included millwork, carpeting, chairs and fees. All furnishings in the sanctuary, including the altar, are portable. This allows the area to be used as a meeting room, for musical and theatre performances, and lay functions. The remodeling has attempted to achieve simple beauty, warmth and hospitality by combining harmoniously the architectural, artistic and liturgical demands of today.

The altar was moved off the back wall and placed in a more central place. The congregation is not separated from the altar by a communion rail. A two-step elevation and slight color change in the carpeting serves to distinguish the sanctuary from the body of the church. The chairs, set in a loose and circular pattern, allow a freer and more comfortable feeling of being around the altar. The seasonal tapestry, a relatively new idea in contemporary Christian art, becomes a singular, strong focal point of beauty and helps shape the religious response of the season. The choir is located near the altar, in front and to the side, where the musicians can be a part of the congregation and help them in singing.

The design team consisted of the architect; Rev. James Hayden, priest artist and liturgist; and Mrs. Mary Ann Currier, artist and liturgist. All are members of the Council on Christian Art and Architecture.
BYCK'S WOMEN'S SPECIALTY SHOP

Children's Department
Louisville, Kentucky

Architects: Design Environment Group
Architects, Louisville

Consulting Engineers: Hummel,
George & Kleine-Kracht, Louisville
E. R. Ronald & Associates, Louisville

Owner: Byck Brothers and Company,
Louisville

General Contractor: Joseph R.
Haas, Jr., Louisville

The Children's Department at Byck's contains approximately 3400 square feet of selling area and occupies the third floor of the Fourth Street Shop. It is divided into two major merchandise groups, shoes and ready-to-wear, with toys and accessories sprinkled throughout. A wrapping station is situated between the two major elements so that one person can serve both. The design created an atmosphere where spending money is a environmental experience, pleasant as well as rewarding in a material way from goods purchased. For one brief moment the concept of a richer life for man bloomed dominating the design effort.

What resulted is a unique retail space. Incandescent lighting has intensity variation rather than typical bland fluorescent brightness; colors are strong and vibrant, carefully coordinated to enrich each other, spaces exist to shop in rather than aisles of cluttered cases; and materials are honest, with an attempt at integrity surplanting the plastic and honky-tonk sham observable in most retail establishments.

Since this floor is for children's items a play area of carpet upholstered blocks, climbing ladder, carrousel horse and distortion mirrors is placed directly opposite the elevators to give the kids a simple, fun, play experience not usually available to them.

Color, very important to this design, included orange carpet with various shades of red in the play area, honey gold oiled oak ceilings, wall paneling, and display cases, and multiple hues of red, yellow, gold and orange in display elements and chair coverings.
The new church developed with the architect a sound plan for expansion, with the first unit to include a fellowship hall and one story education wing. The wing was designed to accommodate a second floor when required. The fellowship hall was to serve as the sanctuary until it was outgrown. This unit cost $134,000. The building for this first phase was the recipient of a state AIA Award of Merit in 1962.

Phase Two - 1966: The second building included the sanctuary and administrative offices. The growing congregation requested a sanctuary with a strong feeling of intimacy and fellowship in which the member was a participant in the ritual and not a spectator. The spiritual leader was to have a close rapport with the participant during the service. The resulting fan shaped sanctuary with its 10 rows of pews grouped amphitheater-style around the pulpit and communion table, induces a feeling of involvement that is further heightened by dramatic, carefully controlled lighting. None of the 700 participants is further than 55 feet from the spiritual leader. Heating and air conditioning are unobtrusively designed into the ceiling beams resulting in an area with no offensive exposed units or grilles. Cost of this phase was $260,00.

Phase Three - 1969: Included in this phase of the construction is the second floor addition to the existing education wing. Due to the rapid growth of the congregation this new unit followed closely on the heels of the sanctuary phase. The eight classrooms provided were immediately filled on the first Sunday after completion. The construction of this unit is identical to that of the first unit and blends in as a part of the original construction. $122,00 was the cost of this phase.

The originally planned Phase Four will include a chapel, social lounge, and a multi-purpose room for small group meetings, dining, etc. This phase will also complete the enclosure of a quadrangle which will become a formal prayer and meditation garden with access from all surrounding areas. With the further rapid growth of this energetic congregation the construction of this fourth phase can be anticipated in the not too far distant future.
LEE TERMINAL BUILDING

Standiford Field Airport
Louisville, Kentucky

Architects: Tafel & Schickli, AIA,
Charles R. Akers, AIA, Louisville

Structural Engineers: Development
Engineering Corporation, Louisville

Mechanical Engineers: Kaestner-Lynch
& Associates, Louisville

Owner: Louisville & Jefferson
County Air Board

This new concourse is to provide a central public space for the existing air terminal building, and will consist of a loading canopy, concession areas, lounge seating and milling space. The location of the concourse is in the curved portion of the existing building where presently the central entrance and the automobile loading and unloading curb is located.

The present terminal is a result of years of add-on wings, fingers and bumps that have made for architectural chaos. The architect decided very early in the preliminary master planning stage, that anything added architecturally in the future would have to conform to some basic ground rules which would tend to unify the complex. Essentially, these rules consist of matching the existing east wing's materials, color, texture, and fenestration. The new concourse has been designed under these limits, and when the future west wing is completed, the facade facing the automobile entrance will present a unified appearance.

The new concourse is intended to provide a visual and phycological center for the building complex. This is to be accomplished by giving the exterior a scale strong enough to assert itself among the existing disorganization, and by placing in the interior a sculpture, and sky-light at the complex's asymmetrical center point. Originally, the concourse was conceived to be a two-story high space, which would have accomplished the above goals in a grander manner, but because of economic determinisms, the final design is a one-story solution.

Structurally, the building consists of steel framing on pile footings, tied into the existing steel frame. Some members are encased in exposed concrete, which serves as fireproofing and finish.

Heating and air conditioning is accomplished by use of roof top units using steam from the existing boiler house as the source of energy.
In this design of an addition to an existing elementary school, a review of new trends in teaching pointed the way toward a departure from traditional concepts previously followed in this area. Individual rooms presided over by a single teacher disappeared. Walls became movable storage units offering greater flexibility and special attention was paid to acoustics through the use of carpeted floors as well as acoustical treatment on the ceiling. Consideration of the very limited site and minimum playground dictated that the plan be a very compact one. As no large vistas or striking views presented themselves, it was indicated that the ultimate arrangement would be inward oriented.

Though by no means the first venture into educational open space, the concept was new to the area and its integration with the dictates of the site gave the inward oriented approach further validity. The flexibility provided enables students to study in groups both large or small depending upon the nature of the students involved, and the students individual abilities.

Planned for the dual purpose of serving as a school and an adult community center, the office area, multi-purpose area, and kitchen were located on the ground floor adjacent to an entry lobby, which also serves as a link between the old and new structures.

Program requirements for the ground floor were such that a larger area was needed then was necessary to accommodate the facilities of the teaching areas on the two floors above. This factor in turn generated the use of battered brick walls expressing as exterior sculpture the nature of the spaces inside. The nature of the existing structure suggested an exterior expression treated as a skin suggesting spaces and mass rather than the strong module created by exposed columns and beams.

Vandalism being a very real problem in the area, exterior fenestration was held to a minimum. In a building completely air conditioned and artificially lighted, the windows become physiological factors, and were included so some contact with exterior and interior space would be retained.

Range of buildings materials was held to a minimum. Exterior brick, matching the old building, was carried into the lobby and throughout major circulation spaces to carry a continuity between exterior and interior areas. Stack bond concrete block for walls was the only other major material used.
The problem required the remodeling of an existing bank building to the extent of doubling the floor area, reorganizing the automobile traffic and adding expandable drive-in facilities. The owner desired to present an appearance which would appeal to traditionally oriented clientele, yet project a contemporary image consistent with the bank's business philosophy.

The solution involved expanding the area of the building to the west and shifting the tellers windows to the west side, thereby permitting longer automobile line-up around the rear. A television drive-in window was added and provision made for future TV windows to be extended westward.

The existing roof was extended to the west and repetitive wood strips added to the fascia to mask joints and establish a strong repetitive shadow pattern around the entire perimeter of the building.
Scheduled for completion by August, 1969, the Louisville Free Public Library will add 110,000 sq. ft. to the existing Main Library facility of Louisville.

The increased space will provide room for an additional 400,000 volumes, 500 new seats, the new Kentucky Room, a Government Documents Section, a Rare Books Section, the Technical Department and Administrative offices. Auxiliary services also available in the old structure will include an Audio-Visual Department, a Children’s Department, and a Junior Art Gallery.

A plaza surrounds the new facility on three sides and is reached by gently graduated stairways and ramps. The central element of the plaza is a fountain on the west (Fourth Street) side.

The exterior design concept of the new addition defers to the old in proportion, rhythm, texture, color, but at the same time tries to capture what Ada Louise Huxtable calls “The grandeur of our times - bold, rough, sometimes brutal, technologically marvelous, genuinely expressive of an age that is not smooth or classical at all.”

Interior elements are designed to encourage optimum use of the library by providing comfortable lounge seating as well as individual study accommodations. A strong, bold color scheme, combined natural light and space all blend to produce a stimulating environment which is conducive to the learning experience.
St. Therese Catholic Church
Louisville, Kentucky

Architect: Lawerence P. Melillo, AIA, Louisville

Structural Engineers: Senler, Campbell & Associates, Louisville

Mechanical Engineers: Southern Engineering Co., Louisville

Owner: Archdiocese of Louisville

General Contractor: Joseph R. Haas, Jr., Louisville

St. Therese Church was built in 1929 in a Baroque, Spanish influenced, Byzantine style, and remained essentially the same until its present renovation. The requirement was to renovate the church to better implement the new liturgy developed by Vatican II, while maintaining the character of the existing church. The objective was to: bring into visual unity all functions of the church, such as Baptism and Confession; bring the congregation physically closer to the altar; keep existing statues and plaques available for private devotions; and develop a new entrance with a ramp for the elderly and others unable to negotiate steps.

The use of iron gates was retained for separation of nave and baptistry. They were also used to define the private devotional chapel and the priests’ sacristy. The altar was brought forward into the octagonal nave area. The pews were arranged to provide a feeling of community among the people. The seating slopes toward the altar for maximum vision. Existing windows in the dome of the church, which had been plastered over due to water leakage, were reopened to increase daylight in the nave and added to the central focus of the new altar.

The sanctuary was revised to function as a 50-seat chapel and a portion of the boy’s sacristy was converted into a private devotional chapel where many of the old statues and plaques were placed. The confessional were relocated in the old halls leading to the sacristys. One former confessional became a new entrance, with ramp from the street level; the other now houses a small organ for daily use. The church was carpeted to control sound reverberation and to give a more intimate feeling to the seating areas. The balcony was cut back, accommodating only the large pipe organ. It also increased the light in the nave area and made the main entrance more open for a better view of the total interior.

These changes have focused attention on the Eucharistic sacrifice while unifying the people physically and spiritually.
KSA NEWS NOTES
THE STUDENT REVIEW

The School of Architecture at U. K. will experience change in several areas this year; the most notable being its location. Pence Hall, the present architecture building, is scheduled for demolition in order to make way for a new library addition. A new building, thus, became the first order of business.

The search for a new home first centered on McVey Hall; which is presently occupied by the Math and English departments, as well as the computing center. Facilities there, however, were found to be inadequate and attention was directed to a warehouse on the northwest fringe of the campus. The location was favorable for several reasons. The space available would be more than adequate, there would be easy access to bookstores and eating facilities and parking areas on the site would be open to students. The location was approved and present plans call for occupation of the warehouse around the first of the year.

Dean Charles Graves is serving as a regular fifth year studio critic this year. The senior problem, two semesters in duration, will deal with problems in several slum areas of Lexington.

A list of visiting lecturers will be printed in the next issue as will be an individual student project from last year, space allowing. Forthcoming issues will contain student projects, comments, editorials, activities, as well as general events within the school.

NEW AIA FIRM
Frederick G. St. Clair, AIA, formerly of Johnson-St. Clair, Architects, Owensboro, has announced the opening of his new offices at The Stables, No. 3, 1919 Parrish Avenue, Owensboro. The firm is identified as Frederick G. St. Clair, Architect.

ANNUAL ROSTER ISSUE
The KA Editorial Council has announced that the official 1970 Roster of the Kentucky Society of Architects, AIA, will be published in the January-February issue of the KENTUCKY ARCHITECT.

KA TRIES FOR AWARD
The KENTUCKY ARCHITECT has been entered in the AIA 1969 Component Editors' publication competition. All entries are submitted by AIA components throughout the country. Results of the competition will be announced at the Component Editors' Conference at AIA headquarters in Washington, D.C., November 12-13.

STATE BOARD EXAMS
C. Julian Oberwarth, FAIA, Executive Director, Kentucky State Board of Examiners and Registration of Architects, has announced that 35 persons will be eligible to take the State Board examinations December 16-19. This is one of the largest groups ever to take the examinations, which will be held at the School of Architecture, University of Kentucky, Lexington.

The KSA Annual Honor Awards Banquet and Presentations will be held Friday, December 5, 1969 at the Ramada Inn, Frankfort.
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