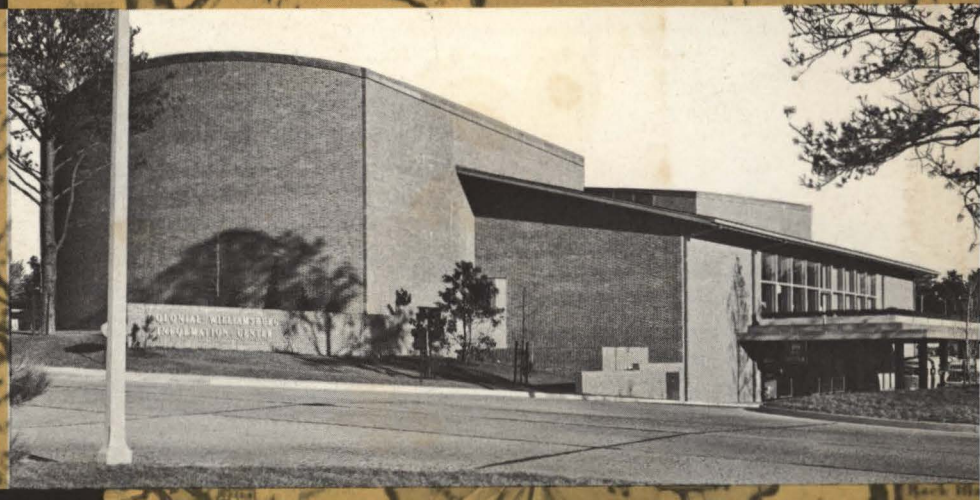
the Decibel

"CLOSE-UPS" OF SOUND CONDITIONING AT WORK





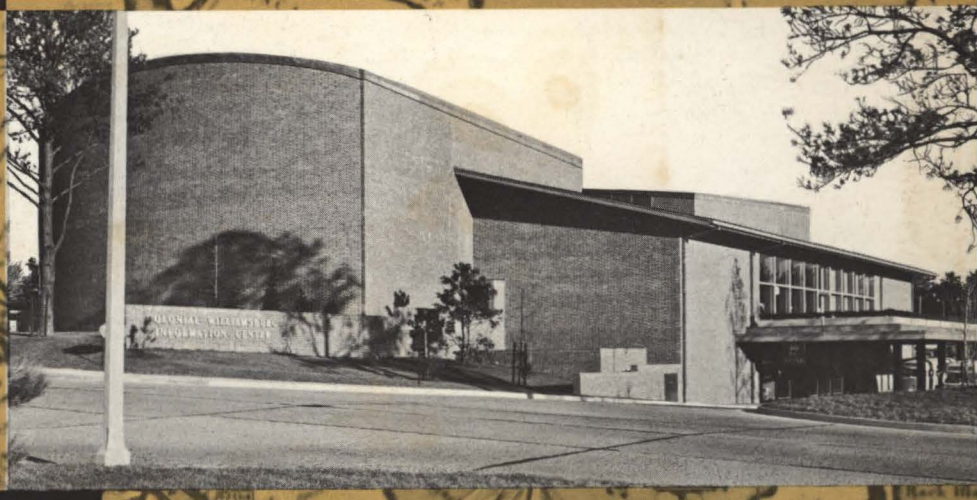
20th Century in Colonial Williamsburg

See Pages 4-6

the Decibel

"CLOSE-UPS" OF SOUND CONDITIONING AT WORK





20th Century in Colonial Williamsburg

See Pages 4-6

for growing pains . . .

A FOUR MILLION DOLLAR CURE



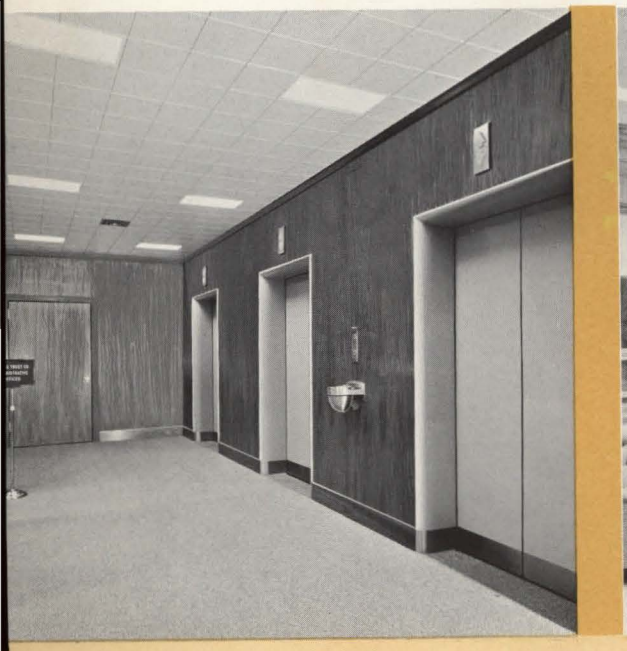
Marine Trust Company's Administration Building, Buffalo, N. Y.

The Marine Trust Company of Western New York has the most modern bank administration facility in the nation, handling thousands of accounts with peak efficiency. This eight level structure represents a four million dollar investment, housing the latest in automated bank operation. The new quarters were needed to maintain top quality service for an ever-increasing number of depositors.

On the main floor, customers step into a lobby of pink grain marble walls and floors, the whole entrance area sparkling with a stainless steel trim. Autotronic elevators whisk them to light and spacious upper levels, a good portion of which have wall-to-wall carpeting specially woven to prevent static electricity.

Company employees have the benefits of a recreation area and cafeteria serviced by a modern kitchen. Sound-conditioning of the entire building further assures pleasant and efficient working conditions.

Two incombustible Gold Bond acoustical materials were selected: Acoustimetal — a brightly enameled, perforated metal encasing highly sound-absorbent mineral wool, and Travacoustic — a graceful, fissured tile with the classic appearance of natural travertine.



Acoustimetal ceilings, carpeting, silent elevator operation prevent noisy distraction at this and other floor entrances.



Executive office has raised cherry mahogany paneling, wall-to-wall carpeting, and ceilings acoustically treated with Gold Bond fissured Travacoustic.

Acoustimetal ceiling units combine sound-absorbent mineral wool pads encased in perforated metal, as used in this general office. Note file system along wall is completely open for faster reference.



Employees can relax after lunch in this recreation area that connects with cafeteria.

Architect:
James, Meadows and Howard
Buffalo, New York

General Contractor:
John W. Cowper Company
Buffalo, New York

Interior Design:
C. L. Gerecke, W. H. Prentice, Inc.
Buffalo, New York

Gold Bond Acoustical Contractor:
Buffalo Acoustical Corporation
Buffalo, New York



Williamsburg's modern cafeteria can serve 600 guests an hour. This building includes serving and dining area, lobby and gift shop.



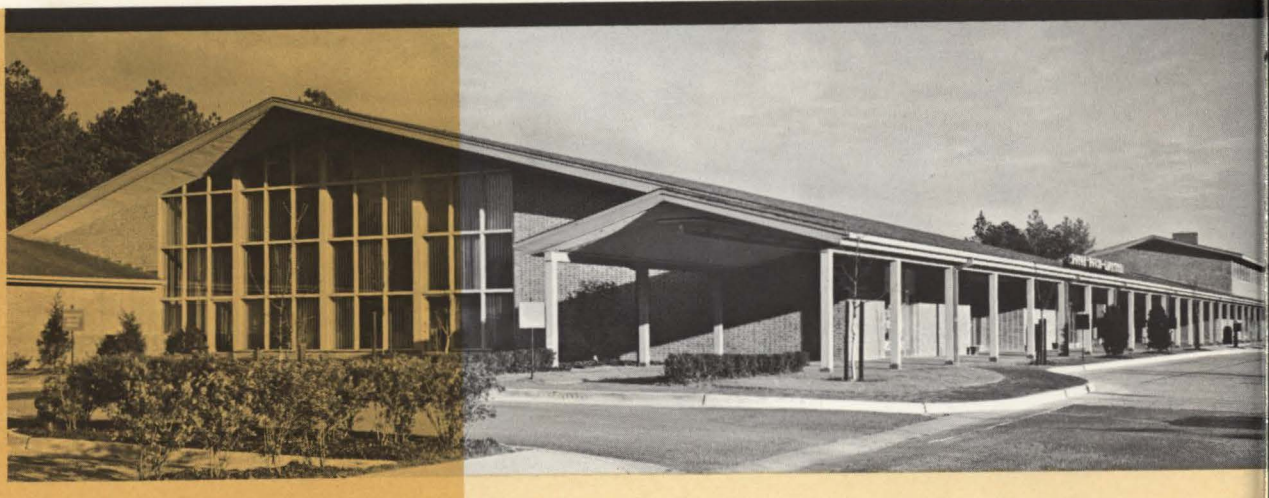
Architects:
Staff Architects,
Colonial Williamsburg, Va.

Interior Consultants:
George Nelson & Co., Inc.

Lighting:
Gerald B. Ewing

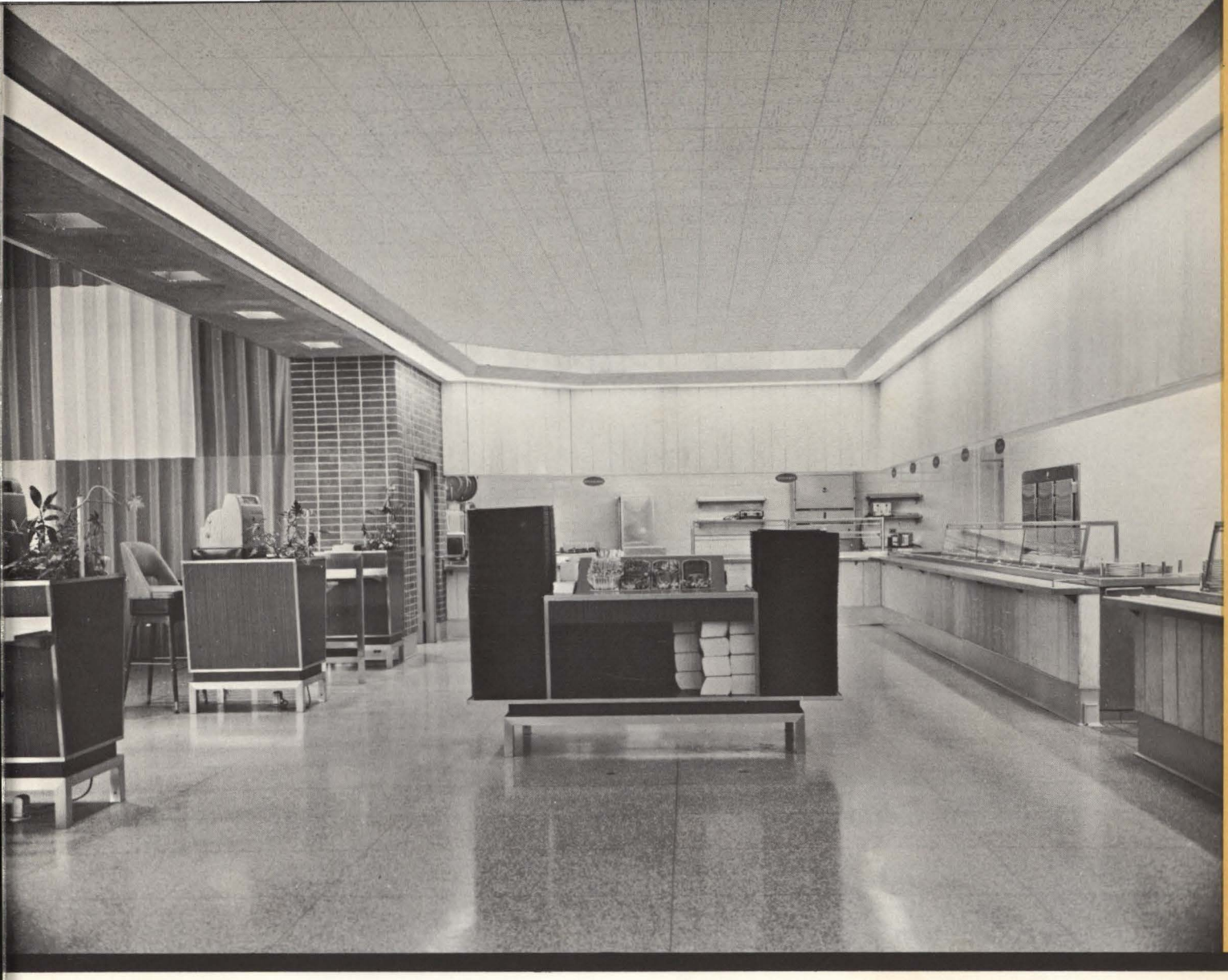
Gold Bond Acoustical Contractor:
McL. T. O'Ferral & Co.
Richmond, Va.

20th Century...



Low, sweeping roof lines, red brick, large areas of glass mark the public buildings and the adjacent new 216-room motel for visitors to historic Williamsburg, Va.





...in Colonial Williamsburg

Williamsburg in Virginia is a settlement restored to colonial conditions just before the American Revolution — painstakingly restored right down to the exact paint shades used in the 18th century homes and shops. Reconstruction of this historic community — scene of the Resolution for Independence that became the Declaration in Philadelphia — began in 1926 with funds provided by John D. Rockefeller, Jr. In all, 413 colonial shops, homes and taverns were rebuilt, and 720 modern buildings were removed or relocated at a total cost of $62,800,000.

The 20th century became part of the Williamsburg story with construction of a motel and cafeteria to accommodate the yearly tourist increase. An information center is also provided, where visitors are briefed on colonial life and custom before touring the historic area.

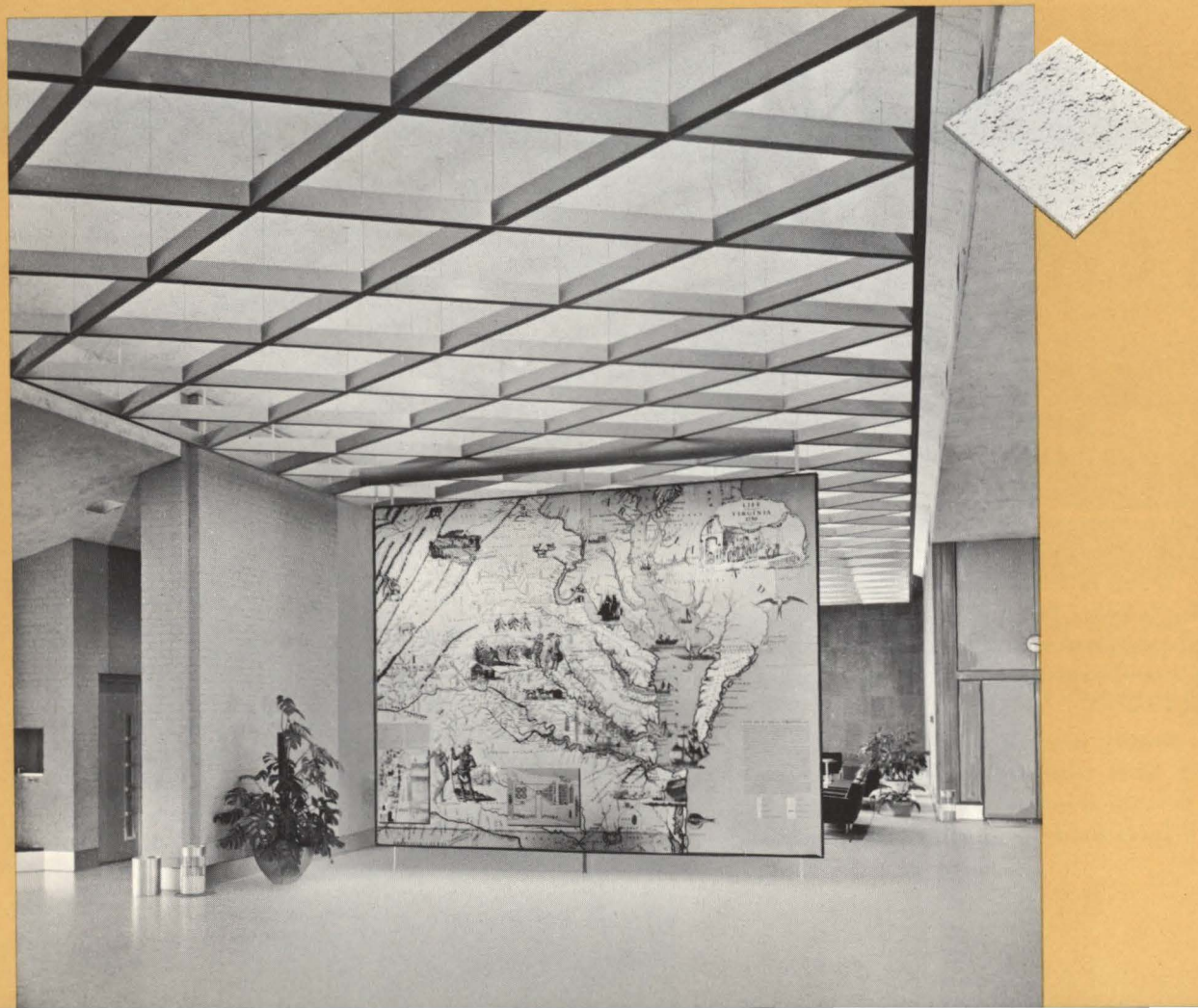
All the new buildings are of contemporary design — red brick topped by low sweeping roof lines. Unusual interior decor is achieved with imaginative use of standard building materials. An example is the center's extruded aluminum ceiling grid. (Pictured on next page.) This diamond-shaped lattice conceals fluorescent tubes that light the information area indirectly from the sound-conditioned ceiling above. The ceiling itself is Gold Bond Travacoustic — a beautifully fissured, man-made reproduction of natural travertine stone. This acoustical tile absorbs noise that would otherwise rebound from the glass, steel and terrazzo surfaces of the building interior.



Fissured Travacoustic ceilings prevent noise rebounding from glass, steel and terrazzo surfaces of the information center.

WILLIAMSBURG, (Continued)

Striking effect is achieved with extruded aluminum ceiling grid housing fluorescent tubes. Travacoustic ceiling tile uniformly diffuses light to the information area.



Allbritton's cafeteria in Houston, Texas. Floor plan provides circular traffic flow for efficient serving. Chest-high partitioning separates dining area from serving area, eliminates "production line" atmosphere.

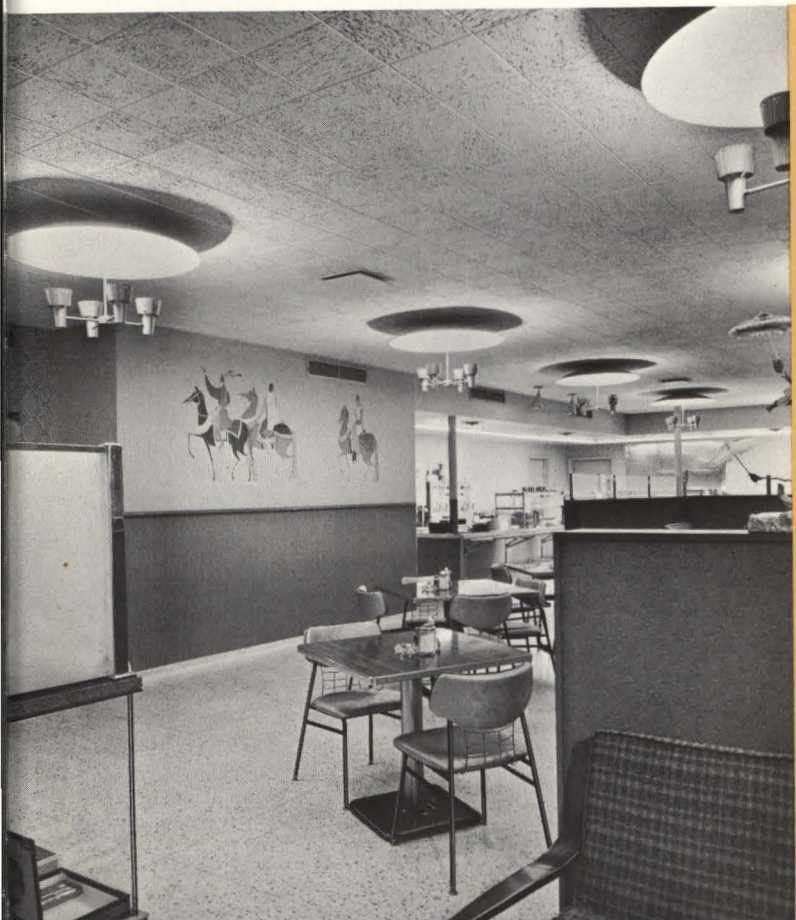


Designer & Contractor:
W. F. Gore
Houston, Texas

Gold Bond Acoustical Contractor:
Acoustical Products Company
Houston, Texas

QUIET ON THE MENU

ALLBRITTON'S CAFETERIA, HOUSTON, TEXAS



Allbritton's new cafeteria in Houston, Texas, offers patrons many conveniences in addition to extra fast food service.

Mr. J. W. Allbritton is on hand as host, a personal service rewarded by his clientele's "many happy returns." For private parties, interior is partitioned to accommodate any size group up to 105 persons. For customers who watch their waistline, cards beside each dish show the number of calories in every serving.

The cafeteria, newest of three owned and operated by members of the Allbritton family, was built at a cost of $175,000 and seats 212 persons. The building is air-conditioned, and uses acoustically treated ceilings to avoid cafeteria clatter. Gold Bond Travacoustic was selected for graceful appearance, high light reflection, high acoustical absorbency and incombustibility.

Building supports and light fixtures pose no problem for Travacoustic. Owner reports close, neat looking fit around all ceiling equipment.



Architects:
Robert Wehrli
and Harold D. Engstrom, Jr.
Casper, Wyoming

General Contractor:
Johnson Brothers Construction Co.
Salina, Kansas

**Gold Bond
Acoustical Contractor:**
Wm. Francoeur Co.
Wichita, Kansas

Tribute to an American Artist

BIRGER SANDZEN MEMORIAL GALLERY, Lindsborg, Kansas



View of north end of Gallery library. Random perforated Acoustimetal ceiling fits nicely with modern interior decor.

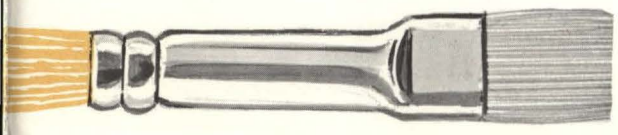
The first art gallery in the country to be named for a Swedish born American artist is located on the Bethany College campus in Lindsborg, Kansas. The building is dedicated to the memory of Dr. Birger Sandzen, internationally known painter and printmaker who taught for fifty-two years at this "college on the plains." Although other artists' works are hung, those of Dr. Sandzen predominate. Examples of his prints can also be found in the Metropolitan Museum in New York, the British Museum and the Library of Congress.

The gallery is red brick, built low and long in keeping with the surrounding prairie topography. Exhibition space is provided in seven rooms, two halls and a lobby, all air-conditioned and sound-conditioned.

In addition to sound-absorbency, the particular acoustical ceiling selected permits placement of spotlights anywhere overhead for best illumination of paintings. This flexibility is obtained with Acoustimetal, a Gold Bond product composed of sound absorbent mineral wool pads encased in perforated metal units. Each 12″ x 24″ unit may be easily removed and replaced with "spots" as desired.



North Room. Metal acoustical ceiling units are very durable, require virtually no maintenance, can be cleaned with soap and water or repainted.



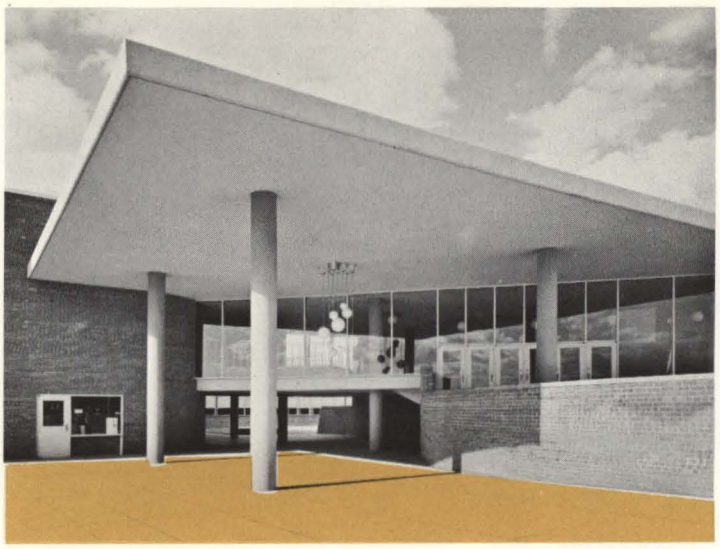
Corridor leads to courtyard where a fountain by Carl Milles is center of attraction. Fountain was given by the sculptor to Dr. Sandzen, whose devotion and contribution to art have well deserved this tribute in memoriam.



RANDOM
ACOUSTIMETAL



newest look in learning



CATALINA HIGH SCHOOL, TUCSON, ARIZONA

Tucson's new Catalina High School is as modern as a course in atomic theory — plastic dome skylights, chrome shower rooms, and air-conditioned classrooms. There are 88 classrooms and 101 instructors for a well-staffed educational plant with ample space for the school's 2250 students.

The air-conditioning system operates with cold water circulation in summer, switches over to hot water for winter heating. A large capacity auditorium, two gymnasiums and quonset shaped cafeteria boost building space to a total of 245,000 square feet. Total building cost is about $3,000,000. Cost per square foot — $11.40.

Exterior design conveys a futuristic appearance, the result of two stories of glassed-in classrooms and steel and concrete deck construction.

Both building design and equipment aid the learning process, offering students and faculty the efficiencies of wide corridors, large classrooms, natural lighting, air-conditioning, and sound-conditioning.

As described on these pages, noise-reduction is achieved with three Gold Bond Acoustical tiles: Travacoustic, Acoustifibre, and Econacoustic. School officials report surprising decrease in noise usually expected with so large a student body.



TRAVACOUSTIC



This entrance area is sound-conditioned with Gold Bond random-perforated Acoustifibre, a wood fibre tile that is easily cleaned with brush, wallpaper cleaner or mild soap and water.



LEFT *Corridor is sound-conditioned with Travacoustic, a fissured mineral wool tile that absorbs up to 85% of noise striking it. Classrooms are treated with Econacoustic (not shown), a brushed texture wood fibre tile.*

RIGHT *Oval shaped auditorium seats 940 students. Acoustifibre ceiling tile is a vital part of acoustical treatment in such areas.*

Architect:
Scholer, Sakeller and Fuller
Tucson, Arizona

General Contractor:
Craviolini & Anderson
Tucson, Arizona

Gold Bond Acoustical Contractor:
Arizona Insulation Company
Tucson, Arizona

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Sound Sidelights

WIRED FOR SOUND

About sixty years ago sound control was just a couple of ear plugs, a "quiet please" sign or a cold stare from an usher. And some people were pretty gullible about noise reduction. There's the story of the fast-talking, quick-money artist who sold people on stringing up a hundred or so feet of wire in a church or auditorium to end the noise problem. Crowds flocked to church to see the wonderful device — and ironically, acted as sound absorbers themselves. The hoax was discovered the following Sunday when attendance — and sound absorption — returned to a more disturbing level.



The Gold Bond Contractor sending you this magazine can render complete acoustical service. Consult him regarding your noise problem.

VOL. VII — No. 4

SOME RECENT GOLD BOND ACOUSTICAL INSTALLATIONS

KRESGE AUDITORIUM, MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Cambridge, Mass.

VIRGINIA MUSEUM OF FINE ARTS
Richmond, Va.

CINCINNATI PUBLIC LIBRARY
Cincinnati, Ohio

CONNECTICUT GENERAL LIFE INSURANCE COMPANY
Hartford, Conn.

MILE HIGH CENTER
Denver, Colo.

AMHERST BOWLING CENTER
Buffalo, N. Y.

MEAD JOHNSON COMPANY
Evansville, Ind.

SINAI HOSPITAL
Detroit, Mich.

GLEN LAKES COUNTRY CLUB
Dallas, Tex.

MILLARD FILLMORE HOSPITAL
Buffalo, N. Y.

J. C. PENNEY HIGH SCHOOL
Hamilton, Mo.

SPAULDING STEAK HOUSE
Michigan City, Ind.

ST. VINCENT INFIRMARY
Little Rock, Ark.

PORT WASHINGTON HIGH SCHOOL
Port Washington, Wisc.

KELLOG HIGH SCHOOL
Kellog, Idaho

CITIZENS FEDERAL SAVINGS & LOAN ASSN.
Hialeah, Fla.

ST. PAUL'S LUTHERAN CHURCH
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Sound Sidelights

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