## ROSTER OF MEMBERS

### NEW ORLEANS CHAPTER, THE AMERICAN INSTITUTE OF ARCHITECTS

Including Parishes of St. James, St. John the Baptist, St. Charles, Jefferson, St. Bernard, Orleans and Plaquemines

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### CORPORATE MEMBERS

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### JUNIOR ASSOCIATE MEMBERS

Weinstein, Norman J.

### HONORARY ASSOCIATE MEMBERS

Donaldson, Joseph, Jr.

### ASSIGNED ASSOCIATE MEMBERS

Olsen, Ole K.

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*Front Cover Photo by FRANK LOTZ MILLER*
CT: Residence for Mr. and Mrs. George B. McBride—Covington, Louisiana.


Temporary Construction Company, Contractor.

A heavily wooded, sloping corner lot measuring 200' x 200' located in a beautifully developed suburban setting.

ION: A part one story, part two story scheme with first floor two levels allowed the natural slope to remain undisturbed, thus maintaining the natural beauty of the site. Being located on a corner lot, the "L" shaped plan developed to permit access for automobiles on the side of the building and to provide an adequate rear yard area in which to open views and provide door-outdoor relationships. The wide roof overhangs protect exterior walls of brick, glass and cedar board and batten with pine cedar also used inside.

CORRECTION: The Plantation Nursing Home featured in the January 1963 issue, was designed by Seiferth and Gilbert. The latter name was spelled incorrectly as "Gilbert" in that issue.
A new school addition and convent constructed in St. Christopher Martyr Parish, Metairie, as part of a 15-year master plan of parish development, were recently honored with an Award of Merit at the Gulf States Regional Conference of the A.I.A.

The master plan established the orderly development of the rapidly growing Catholic Church facilities on a limited site already overburdened with prior construction.

Within the framework of this master plan the first two phases have been completed.

Phase One is a convent for the Marianite Sisters of the Holy Cross, the teaching staff, designed to provide comfortable though austere living accommodations centered about a small chapel symbolizing the true center of dedication and devotion of the nuns.

Phase Two is a classroom addition to the existing school plant, the design of which reflects the rhythmic elements of the earlier structure without imitation of its archaic forms. Future phases include a new rectory, new church, and further expansion of school facilities.

Pastor of St. Christopher Martyr Parish is Reverend Father Maurice J. Gubler. Both of the completed phases were constructed by Schaff Brothers, Inc.
The new buildings are of reinforced concrete and masonry construction, with pre-cast folded plate concrete dominating. These undulating units, selected for economy and optimum definition of the basic unit “cell” units, resemble the starched hood of the Marianite habit (see cover). They were repeated in the school expansion as a unifying medium to soften the tie-in to the earlier construction.

The school addition includes twelve classrooms, office space, first aid room, teachers’ lounge and workroom, an all-weather bus unloading dock, and a spacious covered play area convertible overnight to booths for the Parish Fair (see photo, facing page).

The entire school addition can be closed tightly when desired, without a square inch of glass exposed to the elements.

This is achieved through the use of special solar shade jalousie units, designed by the architect. These units, with outside aluminum slats and inside clear glass slats, allow maximum control of sun, wind, rain, reze, and glare, and permit room-darkening of all classrooms for visual aids use. In addition they are a formidable barrier against wilful glass breakage, the bane of many post-war schools.

The convent includes eighteen bedrooms with semi-private baths, office, waiting room and parlors, modern kitchen and laundry, a striking chapel, and large community-recreation and dining rooms overlooking a private patio-cloister.

An outstanding feature of the convent design is the individual sleeping unit (see adjoining photo), developed after an extensive study of the highly specialized requirements of the nuns.
Size of Lot: 60 x 128.
Location: Freret St. & Louisiana Ave., N.O., La.
Owners Requirements:
1) Suites for five individual doctors
2) Joint waiting room
3) Joint pharmacy
4) Joint X-ray Department
5) Joint laboratory
6) Joint operating room for minor surgery
7) Joint library and lounge for doctors

After a hearing by the City Commission Council property was zoned from D-Multiple Family Occupancy to F-Heavy Commercial which required fifty percent area devoted to parking.

Architect: Louis A. Goldstein, A.I.A.
Engineers: Robert P. Linfield, Structural
          Harold Faller, Mechanical
          Mario Zervigon, Electrical
General Contractor: Perilliat-Rickey Construction Co., Inc.
Photo Credit: Jean Seidenberg
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LENNOX Industries Inc.
One of the relatively few sound reverberation chambers in the United States is located in Roseville, Minnesota, a suburb of St. Paul Minnesota.

This 320,000 pound chamber installation is part of a modernly-appointed acoustical laboratory in Wood Conversion Company’s new Research and Development Center at St. Paul, Minnesota.

The chamber and instrumentation were designed (Continued on following page)

One of the most important tools of the acoustical laboratory of Wood Conversion Company’s research center is the combination of rooms which allows transmission loss studies. Man in background is standing in reverberation chamber looking into the adjacent room through the test wall opening from which test panel has been removed. Scientist at the control panel uses precise electronic equipment to measure sound levels and reverberation times.
ACOUSTICAL CHAMBER
(Continued from page 3)

to test and measure acoustical properties of the Company’s product and its experimental developments.

This reverberation chamber provides a thoroughly isolated environment in which sound waves can be controlled and measured. And since one of the objectives is to obtain architecturally-meaningful re-

This view shows the 160-ton reverberation chamber with its 12” thick walls. The entire room is acoustically isolated from the surrounding structure by spring mounting on a separate foundation.
suits, the chamber accommodates large representative ceiling and wall sections.

The chamber contains 5,400 cubic feet and its walls are 12” thick reinforced concrete. The entire construction is so precisely supported on 16 vibration isolation assemblies that its large mass has a natural frequency of only five cycles per second. Footings for the springs are isolated from the rest of the building and are set in undisturbed soil.

No linear dimension of the chamber is either alike or a simple multiple of any other dimension. This dissimilarity facilitates sound distribution and creates a maximum number of sound vibration modes. All planes in the chamber are hard surfaced and the walls have been given a high gloss finish.

Inside the chamber is a large “paddle-wheel” reflector suspended through the ceiling and supported by a pair of isolated pillars. A concrete-loaded steel superstructure weighing one-and-a-half tons rests on vibration isolation assemblies at the top of these pillars.

A motor-drive system for turning the reflector is suspended from the steel superstructure; the bearings which support the reflector are also mounted on the superstructure. Thus, the chamber itself is thoroughly insulated from mechanical vibration.

In order to determine acoustical absorption, sound of a known quality is introduced into the chamber through a speaker system and its echo-life is measured to within 1% tolerance. Then, by repeating the procedure with a 48 square foot sample of acoustical material in the chamber, a new measurement of echo-life is obtained which expresses the sound absorption quality of the material being tested.

A second room is immediately adjacent to the chamber but acoustically isolated from it. This room is used in conjunction with the chamber to test sound transmission loss and noise reduction.

The room and chamber were designed so that a 72 square foot section of experimental wall can replace a like portion of the common wall between the chamber and the room. Sound is introduced in one room, and its “leakage” into the other room is carefully measured to determine the transmission (or, conversely, transmission loss) quality of a structure.

A third room supplements the two previously mentioned rooms in a very important way — by providing facilities for the newly-established Acoustical Materials Association’s Type I-II test. This test provides information on the amount of sound passing up through a suspended acoustical ceiling from a first room into a plenum, thence across the plenum and down through the suspended acoustical ceiling into a second room where the first and second rooms are separated by a partition that does not penetrate the plenum.
THE AUTOMOBILE Club of Southern California has announced plans for a new Westside Regional Office—a precast concrete, clear-span structure—to be located in Los Angeles' Century City.

"With ample parking for all visitors, the new three-story and full basement building will serve our many members living in the Westbury-Beverly Hills area," Norman P. Thompson, executive vice president of the Club, stated.

The Club's new building, designed by Century City coordinating architects Welton Becket and Associates, is expected to be completed by December, 1963 and will be located on Century Park East at the eastern terminus of Constellation Blvd.

The building will be the first to be built in the complex by an organization other than Century City.

The architects' design features a graceful series of white precast concrete arches which not only delicately express the international flavor of the Automobile Club but completely express the structural concept. The new building, providing a total of approximately 27,000 sq. ft., has been so designed that additional stories may be added in the future as the need arises.

"In designing the first Century City office building being primarily developed as a regional headquarters, we have tried to give the structure its own character representative of the Automobile Club," Welton Becket, F.A.I.A., president of the architectural firm, stated. "In addition, the needs of the space requirements by the Club enabled us to come up with a structural concept which provides for complete column-free interior spaces throughout the office areas. It is also an economical means of construction which takes less time to construct."

The sides of the structure are formed of precast columns 15 in. deep, each with a 12 ft. leg and a 9 ft. arm. Post-tensioned double tees 64 ft. long rest on top of these and span clear across the building, providing a 4 ft. overhang on either side.

The north side of the building features floor-to-ceiling curtain wall, with non-glare glass set in a dark finished aluminum frame to take advantage of the north light and provide a view of the landscaped site through the arches. The south wall will have high continuous windows, for additional sun protection, and the wall below will be sheathed in anodized aluminum panels.

By placing the service cores of the building at either end, the architects were able to provide shear walls in these end elements, thereby providing a completely free 85 by 56 ft. interior floor space.

Electronically-controlled elevator service will be in the rear, adjacent to the parking structure. A landscaped driveway on the north side leads to the parking structure from which most members will enter the building.

The view of the front of the building from Constellation Blvd. will show beautifully textured split face block walls, the full height of the structure, with a 10 ft. wide recessed area in the center. On the ground floor the recess will form the main entrance and will open for three full floors.

The first floor of the building will house the Club's membership service.
Passersby peering into the glass front of the New York Equitable Life Assurance Society Building in New York see a colorful planting of blossoms stretching across the building's lobby.

The building boasts one of the world's biggest tropical gardens—with some 80 to 90 varieties of trees and flowering plants blooming in profusion in the lobby and arranged in planters throughout the building.

Almost every country on earth is represented in the origins of these plants, which range from tiny lichens to towering jungle-like trees 14 feet high. Between 450 and 500 gallons of water are used each week by Equitable's three full-time gardeners in the cleaning, spraying, feeding and watering of green foliage and flowering plants. The idea is to water just enough to keep the plants healthy and decorative. Too much watering would make plants grow to rapidly.

More than a thousand plants grow throughout the building's thirty-eight office floors—and a tour of inspection with Mr. Frank Turek, one of the garden's designers, or an associate at Julian Roehrs and Co., the garden's contractors—takes eight full hours.

The arrangement of the garden changes with the seasons—and individual plants are changed every three weeks to keep them always at the peak of their flowering period.

This changing and yet permanent garden is in one of the most highly populated areas on earth—New York City's mid-town. A stone's throw away from the brook is Rockefeller Center. Next door is the Time-and-Life Building. A few blocks down the street lies teeming Times Square. But in the lobby garden of the Equitable Building is the peace of a rural countryside.

The builders planned it that way. When the 42-
ARDEN

This 42-story glass and aluminum tower in the heart of New York City boasts one of the world’s biggest tropical gardens. Some 80 to 90 varieties of trees and flowering plants bloom in profusion in the lobby and in planters throughout the building, the home of The Equitable Life Assurance Society of the United States.

story glass and aluminum tower was still on the drawing board, architects and landscape designers left space and incorporated plans for New York’s most elaborate indoor display. Their policy has now matured.

Thirty-eight feet down beneath the roots of the growing plants, safely hidden in a specially constructed safe anchored to bedrock, lies still another kind of growth prospect—five and a half billion dollars worth of securities held by the Equitable people.

Like some professional tips on planning your own garden design? Indoor landscape designer Frank Turek, suggests you start with a plan on paper showing the arrangement and masses of the plants you hope to grow. Then, with a seed catalog or garden manual, pick out your plants, considering their (1) colors, (2) their heights at maturity, (3) how long each specimen will take to reach maturity, and (4) how well each plant will do in the amount of light or shade you can provide for it.
Four New York firms have begun the design of facilities at NASA's Launch Operations Center, Merritt Island, Florida, which will be used as the base for flights of American astronauts to the moon.

Over 200 engineers are preparing the plans and specifications for the gigantic main building, one of the largest structures in the free world. It will be the focal point of the newly-established Launch Complex 39, situated on land already procured north of the existing rocket and missile tests center.

Standing over 500 feet tall and covering more than 10 acres, the structure will be used to mate and checkout the rockets and spacecraft being developed under Project Apollo. Representing a new approach to the problems of space flight, the building will permit the preparation of four vehicles simultaneously.

The design team is working under the supervision of Col. J. V. Solluhub, District Engineer, Jacksonville District of the Corps of Engineers, and will be known as Urbahn-Roberts-Seelye-Moran.

The Managing Partner of the joint venture is Max O. Urbahn. His firm, The Office of Max O. Urbahn, Architects, will be responsible for architectural aspects of the project.

Roberts and Schaefer Company, Inc., with Dr. Anton Tedesko in charge, will prepare the structural design.

Seelye Stevenson Value & Knecht, Inc., with A. Wilson Knecht, will head a group preparing the civil, mechanical and electrical plans and specifications.

Moran, Proctor, Mueser & Rutledge are developing the analysis and designs of the foundations under the direction of Dr. Philip C. Rutledge.

Plans call for completion of one of the building's four erection bays in advance of the other three so that flight testing of the Saturn C-5 rocket may begin as early as possible. Eight smaller bays for the preparation of upper stages will also be built. The C-5, designed especially for the lunar program, will develop 7.5 million pounds of thrust from five giant engines in its booster.
The 21-story apartment hotel known as Park City West, will feature a wealth of innovations in planning and design, many of them unique in the Philadelphia area.

Outstanding among the features will be a complete tenant security system made possible by closed-circuit TV; a hidden entrance for delivery trucks; a landscaped parking area; a cabana club for year-round relaxation; a pool for swimming in the summer and ice skating in the winter, and a completely glass-enclosed home laundry.

The building itself, mainly reinforced concrete, glass, porcelain, and metal and aluminum, will be the first apartment building to have tempered insulated glass as its exterior wall with exterior apartment walls of glass from floor to ceiling. Each apartment will have its own complete terrace. Those of three bedrooms will have 100-foot terraces; the two-bedroom terraces will be 88 feet.

Almost all types of accommodations will be available at Park City West, running from 100 hotel rooms for transients to studio apartments and deluxe three-bedroom suites, all serviced by the central system air conditioning.

Samuel I. Oshiver Associates, Architects and Engineers, designed the building.
A cantilevered "thin shell" concrete design has been achieved without the use of forms by means of metal lath and portland cement plaster in a small but interesting application in Houston, Texas.

Since the air conditioned automobile is becoming a near-necessity in hot climes such as Texas, Robert W. Maurice & Associates, Houston architects, realized the need to provide shade for the parked cooled cars as part of the remodeled Yeatman Building in Houston. A full carport would have dwarfed the building, but a cantilevered "thin shell" concrete ribbon ten feet wide proved to be the answer.

After welding reinforcing bars to steel beams, \( \frac{3}{4} \) inch cold-rolled channels were bent and wire tied to the re-bars. The resulting frame was then covered with about 1000 square feet of galvanized metal lath. White portland cement plaster was applied over a gray portland cement scratch coat. Since no framing or forms were needed, the structure was built at an economical price.
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Close-up of decorative grille block used for intriguing wall pattern.

Attractive concrete block sight screen encloses patio for breezy seclusion.

Concrete grille block garden wall with geometric design.

"Lace curtain" concrete masonry provides decorative entrance.
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THE ARCHITECT

The word architect, like many words derived from the Greek, is made up of two parts: archi—“chief”, and tecton—“a builder.” Thus the original meaning of the word explains a union of designing and building activities, a union which the architect maintained up to the middle of the 19th century. At that time, he was thought of more as a designer than as a builder. Architecture was seen as a “fine art”, and transferred from the outdoors to an inside atelier, where it remained for nearly 100 years.

Today's interpretation of architecture places the architect somewhat nearer to that original meaning of the word. But the complex social and technical conditions of our highly industrialized society no longer makes that original union of designing and building quite possible.

An architect is a composite personality made up of two basic ingredients: the artist and the technician. As an artist, the architect possesses qualities which artists have possessed throughout the ages; an extraordinary imagination, and a keen awareness and expression of feelings.

As a technician, an architect must possess more than a speaking acquaintance with the available building materials and technology of his day; he must follow the ever-growing variety of equipment and appliances which form the core of modern building.

Today's architect comes closer than ever to fulfilling his historic mission by serving as “chief builder.”
TRANSLUCENT WALLS
Highlight Office Building in New Hampshire

A contemporary cantilevered roof building, one of the few office buildings in the country to employ a new translucent wall system, has been opened for occupancy by Weston Associates, Inc., Manchester, N. H., advertising agency. The building sets on an acre of wooded land next to the Manchester Country Club and abuts the club's well-known golf course.

Designed by architect George Soule of Manchester, the agency's new home is one of the most unique offices in the country, the exterior walls being made almost entirely of translucent plastic panels. These panels, manufactured by Kalwall Corporation also of Manchester, N. H., not only provide glare-free illumination through the exterior walls, but produce a striking night time effect outside the building when it is lighted from within. A new-type structural block, Glazon, with a pre-faced decorative finish also adds to the clean, modern effect of the design. The building is virtually maintenance free.

Besides Kalwall and aluminum paneling for the walls of the structure, Tectum, a 3" two faced biscuit-like pressed wood fiber paneling in 4 ft. widths, another speed building material of proven value, was used on the roof. It is nailed down to the roof beams which have been stained a dark brown smartly setting off Tectum's white "shredded wheat" underside.

Two skylights of green tinted Kalwall set into the Tectum roof permit the greatest possible use of natural light.

Heating for the building is via forced hot air that is channeled thru ducts laid in the cement floor. Summer ventilation will be air-conditioning using the same duct system. As there is no cellar for the building, the oil powered heating unit is located in a small storeroom to the rear of the building.

The reception room has a floor of flagstone while all other floors except executive offices, are covered with vinyl tile as protection against snowy feet during the winter season. Rugs laid over plywood cover the floors of the executive offices.

Most rooms in the building are separated by wall partitions that reach half way to the ceiling. For privacy, the executive offices have glass panels reaching from the top of the walls to the roof.

Almost all walls of the interior of the building are of pre-finished random width mahogany paneling. Burlap over foam rubber cushioning has been used as a change of pace in some sectors.

One of the executive offices of the new Weston Associate building in Manchester, N. H. Note the use of plastic panels on the east side of the building.
PRELIMINARY PLANS have been drawn for the nation's first Space Age Museum, which is to be located at Exposition Park in Los Angeles. Permanent exhibits will trace the historical development of the space age, while temporary exhibits will explain current developments, the relationship of space to national defense and peaceful uses of space. To put the viewer into proper relation with the exhibits there will be a promontory, gently spiraling upward, which will provide a downward perspective. Visitors standing on the promontory in the foyer area will be able to view from above the exhibits in the foyer, the reflecting pool and park outside. Visitors will also be able to view the exhibits from the floor level. The museum will be constructed in the hope that it will contribute knowledge to the field of space. In order to help make the museum even more interesting, many of the exhibits will be on the story-telling approach combined with "do-it-yourself" public participation in the activation of the exhibits. The historical development of rocketry, modern missile systems and missile launching, the latest concepts of space and exploration and a facsimile of a manned space capsule are among the topics to be covered.
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