



*U.S. Army Chief of Engineers
Distinguished
Design Awards*



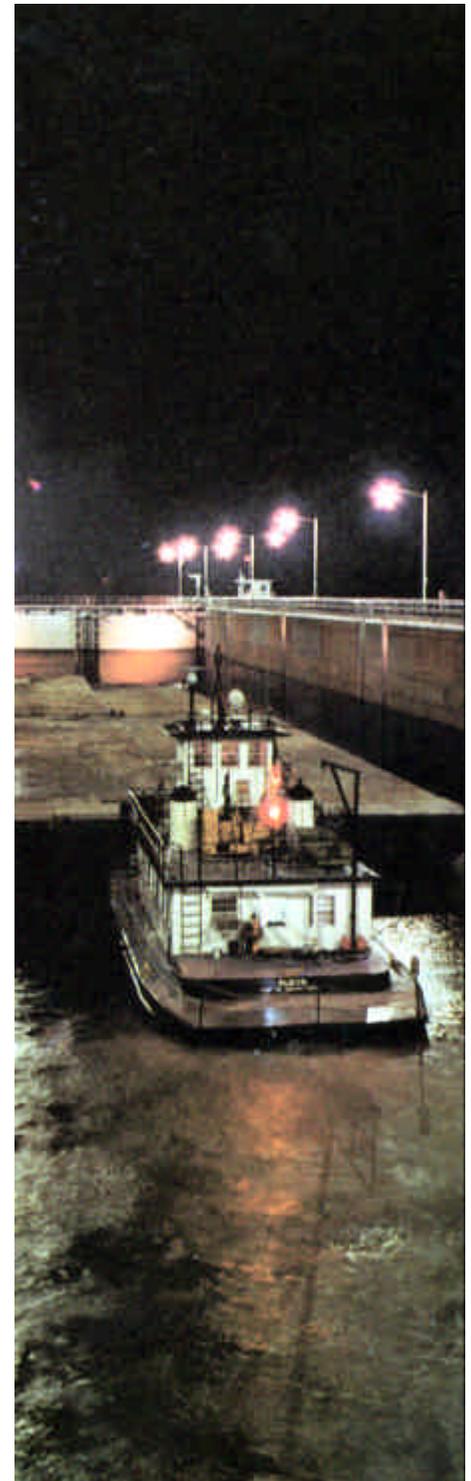
FOREWORD

The U.S. Army Corps of Engineers' slogan, Building Tomorrow Today, could never be more aptly depicted than by the projects described in this brochure. These are the winners of the Chief of Engineers Annual Design Awards Program which recognizes architectural, engineering, and landscape architectural excellence in completed Corps projects.

The winners were selected by three panels of independent design professionals whose own works have received both national and international acclaim.

I have always been proud to belong to an organization which has long influenced engineering and architectural standards for much of the world. The Corps of Engineers is committed to continue to serve its customers with excellence of every level of endeavor leading to works in place. The excellence of design of the projects shown on the following pages is a tribute to the architectural and engineering firms and offices of the Corps of Engineers selected as winners.

I congratulate the winners and take great pride and pleasure in presenting the 1977 Distinguished Design Awards.



ACKNOWLEDGEMENTS

We wish to express our appreciation to the officers, fellows, and members of the American Institute of Architects (AIA), the American Society of Civil Engineers (ASCE), the American Society of Landscape Architects (ASLA), and the American Consulting Engineers Council (ACEC), and to the other distinguished professionals who unselfishly contributed their expertise and support to make this year's competition an outstanding success.



J. W. Morris
Lieutenant General, USA
Chief of Engineers

THE PROGRAM

Begun in 1965, the Chief of Engineers Distinguished Design Awards Program recognizes excellence in design of recently completed Corps projects. Impartial panels of design professionals from the private sector choose winners in three categories: Architecture, Engineering, and Landscape Architecture. To achieve equity in the selection of projects, each entry is judged on the bases of fulfillment of its own requirements and the solution to its own particular problems.

Awards of Merit are made for the best designs submitted and, at the jury's discretion, an Honor Award to recognize exceptional achievement may be given. The competition is open to both Civil Works and Military Construction projects, regardless of the agency for whom the work was done.

The objective of the program is to encourage the design of quality projects which are in harmony with the environment, producing functional and attractive work that is both economical and creative.



1977 DISTINGUISHED DESIGN AWARDS

ARCHITECTURE

Honor Award

Lost Creek Powerhouse and Service
Building
Jackson County, Oregon

Award of Merit

Dwight David Eisenhower Army Medical
Center
Fort Gordon, Georgia
Leech Lake Comfort Station
Cass County, Minnesota
Visitor Center
Lewis and Clark Lake, Nebraska

Honorable Mention

Mill Springs Mill
Lake Cumberland
Wayne County, Kentucky

Consolidated Base Personnel Office
Arizona

Table Rock Resident Office and Visitor
Center
Taney County, Missouri

ENGINEERING

Award of Merit

W. G. Huxtable Pumping Plant
Marianna, Arkansas

Monroe Floodwall
Monroe, Louisiana

Honorable Mention

Kaskaskia Lock and Dam
Kaskaskia River, Illinois

Ririe Dam and Lake
Idaho

LANDSCAPE ARCHITECTURE

Award of Merit

Terry R. Johnson Recreation Area
Gull Lake, Cass County, Minnesota

San Antonio Channel Improvement
Project

Elmendorf Lake Area
San Antonio, Texas

NCO Open Mess, USAF Academy
Colorado Springs, Colorado

Honorable Mention

Seven Points Recreation Area
Raystown Lake, Pennsylvania

Local Flood Protection Project
Pembina, North Dakota



ARCHITECTURAL JURORS



**John M. McGinty, FAIA
Panel Chairman**

John McGinty is the President of the American Institute of Architects. A graduate of Rice and Princeton Universities, he has been in architectural practice since 1961 with the McGinty Partnership in Houston, Texas, and as a principal in The Crane Design Group in Houston. He has taught architectural design at both Rice University and the University of Houston, and, in 1973, served as president of the Houston Chapter of the American Institute of Architects. He was elected a National Vice President of the AIA in May 1973, was chosen in 1974 for a second term, and elected First Vice President in May, 1975. Mr. McGinty's firm is currently very active in the fields of medical facilities design and athletic and community service structures. In 1974, his firms received four Houston Chapter and Texas Society of Architects Design Awards. Mr. McGinty was on leave of absence from his firm during 1967-1968, serving a year in Washington as a White House Fellow and as Assistant to Secretary of the Interior, Stewart L. Udall. His work there included the development of environmental planning programs for US. public lands and territorial possessions. In January 1977, he was made an Honorary Member of the Mexican Society of Architects. He is also an Honorary Fellow of the Royal Architecture Institute of Canada.



Frank L. Hope, Jr., FAIA

Frank Hope is a 1952 graduate of the University of California at Berkeley with a Bachelors Degree in Architecture After two years of service with the United States Army in Europe, Mr. Hope returned to San Diego in 1955 and joined his father s firm, Frank L Hope & Associates. His first assignments, including Naval training facilities and a hospital project, provided a wide variety of work experience and he developed an early interest in the expansion and development of a more sophisticated level of professional service to prospective clients. His firm s projects have achieved the highest levels of architectural design quality and national acclaim Mr. Hope is licensed in Colorado, Nevada, Georgia, Maryland, and Washington. DC, as well as in California, and holds an NCARB certificate. He has been active in the profession and particularly in the American Institute of Architects, serving as president of both the San Diego Chapter and the California Council, and as a member of the Board of Directors of the National Instiute. He was a member of the first Regional Advisory Panel of the General Services Administration, and later was made a member of the National GSA Advisory Panel. He has been very active in community affairs and was a key figure in the completion of the Embarcadero Master Plan for the tidelands of San Diego. He also served as principal in charge of the planning and design for the San Diego Stadium Project, and A I A National Honor Award Winner.



Douglas N. Carter, AIA

Immediately after obtaining his diploma in 1963 from the Leeds School of Architecture and Town Planning in Leeds, England, Mr. Carter moved to Stuttgart, West Germany, to the office of Professor Erwin Heinle and Dipl. Ing. Robert Wischer, where he gained experience as project architect on a variety of buildings from the new Teacher Training and Sports College in Ludwigsburg to the new University of Cologne Medical Center (the contract for a hospital with 1,000 beds and a base facility for 2,500 was awarded as the result of an International design competition).

In addition to working on other hospital facilities, Mr. Carter also participated in the international design competition for the 1972 Olympic Games Complex in Munch, West Germany, which resulted in his firm being awarded the contract for the

construction of the Olympic Village and Olympic Sports School and Training Ground.

In 1967, Mr. Carter came to the United States to work as consulting architect with the firm of Gordon A. Friesen. International, Inc. He worked as design consultant within the firm and as project architect on 10 projects. His responsibilities included physical and functional evaluation studies of existing facilities, master site plan studies, schematic design studies, functional design critiques, and involvement in functional planning research and development.

In 1968, Mr. Carter became a founding member of the present firm of Davis, Smith & Carter, Inc. Since that time, Mr. Carter has been awarded 10 local and national design awards for projects ranging from single family houses to schools He has participated in numerous seminars as a speaker on solar energy and on underground construction, and has acted as funding application reviewer for the National Science Foundation.

He is a Corporate Member of the American Institute of Architects and a member of the Architectural Board of Review for the new town of Reston, Virginia.

ARCHITECTURE Honor Award

Lost Creek Powerhouse and Service
Building
Jackson County, Oregon

Design by:
North Pacific Division and Portland
District



Jurors Comments:

This is a rare instance of landscape that is actually improved by the presence of architecture. The counterpoint of color, texture, and composition between the building and the dam is what the jury recognized as excellent.

Located on the Rogue River near Medford Oregon, this project consists of a new powerhouse with two 24,500 KW generators, and a service building to house administrative personnel and maintenance facilities. Two other projects planned for the near future will also be administered and maintained from this same service building. The structures were designed to blend into the rugged and heavily-timbered terrain without appearing out of place. Weathering steel was used on the exterior because it provides a striking accent to the concrete walls and is easily maintained at low cost. Special precautions were taken on the detailing of the weathering panels to prevent the staining of the lower concrete portion of the powerhouse and the service building.



ARCHITECTURE Award of Merit

Dwight David Eisenhower Army
Medical Center
Fort Gordon, Georgia

Design by:
Lyles, Bissett, Carlisle and Wolff
Architects and Engineers
Columbia, South Carolina, and
Patchen and Mingledorff
Engineers
Augusta, Georgia

Design Supervision by:
Savannah District

Jurors Comments:

This is a strong and seemingly simple solution to a complex building program. The two elements, base and tower, look good together and visually define the major functional parts of the hospital.

The circulation is well thought out and future expansion should be easily accomplished. However, the interiors should be upgraded to match the high quality of the architecture.

This 776-bed, 375,000 square foot military hospital was needed to provide complete medical care to both an active Army installation and a considerable population of retired military personnel in the area. The site was selected near the reservation boundary to allow off-post personnel ready access to the facility without interfering with the normal base operations. The reinforced-concrete structure and its support facilities sit on a hill overlooking the Fort Gordon military base. The hospital itself has a broad three-story podium, the top of which is earth-covered and landscaped to provide a pleasant base for a ten-story nursing tower. The sloping site allows separate grade access to the two main levels on the podium and tower base,



thereby providing separation of unrelated functions. Out-patient services are accommodated in the two lower podium levels; in-patient services are the third level; and hospital administration and visitor reception are in the first tower floor. In addition to a full complement of nursing services, the hospital provides facilities for medical research and advanced education of resident doctors, interns, and specialists





ARCHITECTURE

Award of Merit

Leech Lake Comfort Station
Cass County, Minnesota

Design by:
St. Paul District

Jurors Comments:

A comfort station is not a program for an architectural statement of great consequence. Appropriately, this project is nearly invisible, airy, and simply and sensitively detailed.

The new comfort station at Leech Lake provides shower, toilet, and laundry facilities to the public campground. Located on the main circulation spine at the highest point of the campground, the structure is accessible from all the existing camp pads and from those planned for a future expansion area located to the east of the site. The building blends well with its natural surroundings. In addition to its normal function, the facility provides a common area offering campers a meeting place as well as a refuge during severe storms. The exterior walls are of prefinished concrete block, and the interior walls are finished with ceramic tile. All exposed wood surfaces are of rough-cut cedar and the floors are stamped, colored concrete.





ARCHITECTURE

Award of Merit

Visitor Center
Lewis & Clark Lake, Nebraska

Design by:
Clark & Enerson, Hamersky,
Schlaebitz, Burroughs & Thomsen
Partnership, Architects/Engineers
Lincoln, Nebraska

Design Supervision by:
Omaha District

The site selected for the visitor center at Lewis & Clark Lake was the top of Calumet Bluff, a high bluff overlooking the Missouri River Valley some 130 feet below. Since the connecting roads do not provide direct access to the Center, this location was most desirable because the building is highly visible. The program for this project required the creation of a visitors area, weather protected viewing areas, space for interpretive exhibits, a multi-purpose auditorium, and related administrative and public spaces. This was accomplished within a three-floor building featuring a central exhibit

Ramps to accommodate the physically handicapped connect all three levels of the building, and the parking, driveway loop, and access walks are also designed to facilitate use by the physically handicapped. Overall, the center provides a friendly atmosphere for visitors,



Jurors Comments:

This project shows a consistency of design approach from the site orientation and sensitivity to the three major views, to the handling of interior details. The use of materials is compatible with its surroundings, and the open plan arrangement allows good combination of open vistas and interpretive exhibits,

area, an irregular shape with three large viewing windows offering fine vantage points for observing the entire lake, and satellite exhibits at each view window. The warm-tone concrete walls, with varied angles and projections, reflect the natural color and slope of the rock bluff, and the irregular plan and wall elevations vary the appearance and character of the building with any change in the viewing point. The exposed wood roof construction, with clerestory window monitors, adds visual interest to the building interior.





ARCHITECTURE

Honorable Mention

Mill Springs Mill
Lake Cumberland
Wayne County, Kentucky
restored by the Nashville District

Jurors Comments:

This project is mentioned because of the appropriate restraint and professional competence exhibited in the execution of a straight renovation. The award is not for the paint-job, rather it is for what might have been done but was not.



ARCHITECTURE Honorable Mention

Consolidated Base Personnel
Office
Arizona
designed by Nicholas Sakellar and
Associates
Architects/Planners, Tucson, Arizona
under the direction of the
Sacramento District

Jurors Comments:

The building is deserving of its honorable mention through its solution of the problems of empathy with its desert environment and its consciousness of the effects of solar gain, and introduction of natural light. A compact and efficient floor plan and clarity of organization enhance the economy of design expression .





ARCHITECTURE

Honorable Mention

Table Rock Resident office and
Visitor Center
Taney County, Missouri
designed by Cromwell, Neyland,
Truemper, Millett and Gatchell
Architect-Engineer, Little Rock,
Arkansas
under the direction of the Little
Rock District

Jurors Comments:

The site plan and massing show sensitivity to the building's location. The organization of functional areas is particularly well handled, and the consistent use of material and careful detailing of exterior elements create a very pleasing environment for a visitor's center.



ENGINEERING JURORS



Leland J. Walker, P.E.
Panel Chairman

Leland Walker is the President of the American Society of Civil Engineers. He is also Chairman of the Board of Northern Testing Laboratories, a consulting geotechnical engineering and quality control firm of Great Falls and Billings, Montana, Boise, Idaho, and Gillette, Wyoming. A native of Montana, Mr. Walker received his Bachelor of Science degree in Civil Engineering from Iowa State University, Ames, Iowa, in 1944. Following graduation, he served with the U.S. Navy in the South Pacific until 1946, returning that year to join the U.S. Bureau of Reclamation as a materials engineer. He quickly became the district materials engineer for the Bureau in Billings, Montana, and remained in that position until 1951, when he returned to

active duty in the Navy for two years at the Navy's Civil Engineering Laboratories in California. He then returned to the Bureau of Reclamation as Chief Concrete Inspector on the construction of Tiber Dam in Northern Montana and, in 1955, he left the Bureau to become Vice President of Wenzel and Company, Consulting Municipal Engineers in Great Falls, Montana. In 1958, he co-founded Northern Testing Laboratories. Active in ASCE activities and the Montana Section for 33 years, Mr. Walker is a former National Director, Vice President, and Chairman of numerous committees, including the Committee on Professional Activities. He has served the Montana Section as Vice President and President. He is an Honor Member of Chi Epsilon, the honorary civil engineering fraternity, a Fellow of the American Association for the Advancement of Science, and a Fellow of the American Consulting Engineers Council, where he is also a Past President of the Montana Chapter. Mr. Walker is currently National Secretary of the American Council of Independent Laboratories and President of the Endowment and Research Foundation of Montana State University.



Eason Cross, Jr., A.I.A.

Eason Cross is a Partner in the Firm of Goss and Dreon, Architects, of Washington, DC. This Architectural firm has won numerous design awards for architecture, planning, and furniture design from the American Institute of Architects; the American Institute of Steel Construction; House and Home/AIA, HUD/Washington Center for Metropolitan Studies; Mid-Atlantic Region, AIA, the Washington Board of Trade; the Chevy Chase Chamber of Commerce; and the Washington Home Builders Association. Mr. Cross has a Bachelor of Arts from Harvard Graduate School of Design. He is a registered professional in Virginia, Maryland, Florida, and the District of Columbia, and has an NCARB Certificate. He also holds six patents on fastenings and furniture. He is a member of the American Institute of Architects, Virginia Society, and the Northern Virginia Chapter of the American Institute of Architects, where he is on the Board of Directors of the Northern Virginia Chapter. He is Vice President and Director of the Fairfax County, Virginia, Chamber of Commerce, Chairman of the Fairfax County Appeals Board, and a member of the BOCA and the American Arbitration Association.



William A. Clevenger, P.E.

Bill Clevenger is Chairman of the Board of Woodward-Clyde Consultants, a firm specializing in geotechnical and environmental services, of San Francisco, California, and with offices in major cities throughout the United States. He has held numerous national offices and served on many technical and professional committees. He is currently the President of the American Consulting Engineers Council, is serving on the Interprofessional Council on Environmental Design (CED), the Legislative Advisory Committee, and the National Council of Professional Service Firms. Mr. Clevenger is a 1943 graduate of the University of Wyoming with a Bachelor of Science degree in Civil Engineering. He is a Past President of the Consulting Engineers Council of Colorado. ACEC National Vice President, 1971-1972, ACEC Senior Vice President, 1972-1973; and President of the American Society of Civil Engineers, Colorado Section. He has also served as chairman, for several years, of the ACEC Public Relations and Business Development Committees. Since relocating in San Francisco, California, Mr. Clevenger has also become a director of the Consulting Engineers Association of California. He served as

an officer in the U S Army Corps of Engineers during World War II, joined the Bureau of Reclamation in 1946 and progressed to the head of the Soils Property Section, and, in 1956, joined Woodward-Clyde in Denver. He is a registered professional engineer in California, Colorado, New Mexico, Washington, and Wyoming. Mr. Clevenger received the Distinguished Service Award of the Consulting Engineers Council of Colorado in 1961, and was instrumental in establishing the certification program for consulting engineering in Colorado.

ENGINEERING

Award of Merit

W. G. Huxtable Pumping Plant
Marianna, Arkansas

Designed by:
Memphis District

Jurors Comments:

A unique feature of the project which posed a difficult design challenge is an 80-foot deep vertical slurry cutoff wall around the plant. This enabled dry construction below water table, and reduces uplift and potential piping for the ultimate structure. A saving of over a million dollars was made possible with this scheme.

The largest pumping plant of its kind, the \$31 million W. G. Huxtable Pumping Plant near Marianna, Arkansas, was designed to protect an area the size of the State of Delaware from a cycle of annual flooding. The station is a key part of a massive and complex system of levees, control structures, and channelization projects which protects the St. Francis River Basin, some of the most valuable farmland in the Nation. Backwater flooding from high stages on the Mississippi River is prevented by closing the structure's four 28 x 27 foot floodgates. The impounded flow of the St. Francis River is pumped through the levee by ten diesel-powered pumps with a combined pumping capacity of 10,000 cubic feet per second at a 22-foot static head. The reinforced concrete structure also provides living quarters for the operating crew when access is restricted by high waters. An uncontrolled weir on the upstream side

of the structure creates a lake 20 feet deep at the weir and approximately 30 miles long, an important fish and wildlife feature of the project. A unique feature of the pumping plant's construction was its impervious cutoff wall. Instead of a conventional cofferdam of interlocking steel panels for dewatering the site, the slurry trench method was used - a method which required excavating a narrow 80-foot

trench by keeping it filled with a bentonite slurry for stability and then backfilling it with a selected impervious material. This technique resulted in the savings of more than \$1 million over the cost of the usual dewatering system and provided a permanent cutoff which reduced the uplift and potential piping problems, allowing the construction of a smaller (and cheaper) wall and foundation drainage system.





ENGINEERING Award of Merit

Monroe Floodwall
Monroe, Louisiana

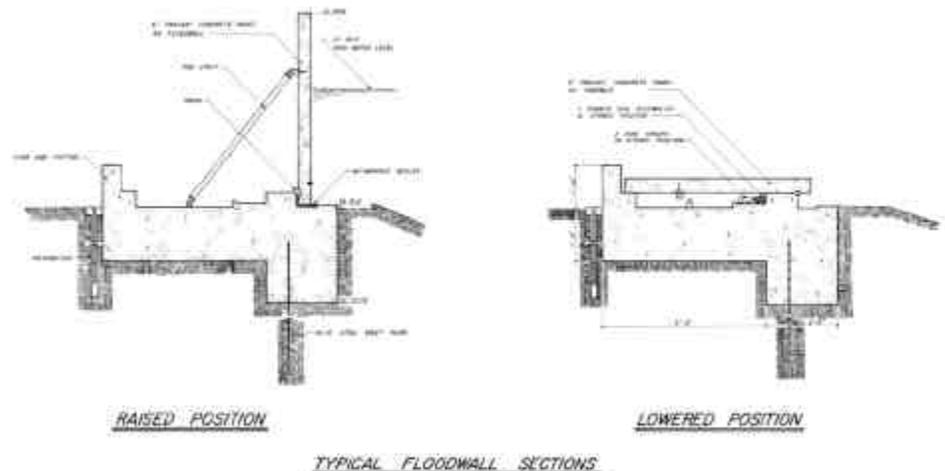
Design by:
Vicksburg District

Jurors Comments:

In conjunction with a local Urban Renewal Project, the Corps of Engineers Vicksburg District designed this flood control device to accommodate the request of the citizens of Monroe. They asked for a way to view the scenic Ouachita River in normal times, rather than be completely walled off on the water side of the city. The resulting inventive flood control structure folds down to form a river side promenade. Precast concrete panels braced by folding struts lift up to form a barricade on top of the river bank in times of flood threat. This project merits praise both for its response to the using public, and for its non-standard and thoughtful engineering solution,

In the mid-1930s, earthen levees and a concrete floodwall were constructed along the Ouachita River to protect Monroe, Louisiana, from seasonal flooding. But right-of-way problems left a 1,750-foot gap in the floodwall fronting the downtown area, and, until the 1970s, a flood crisis meant that this gap had to be filled with unsightly

temporary earthen levees hurriedly erected on a major street along the river. In conjunction with the Monroe Urban Renewal Project, the city requested a folding floodwall for protection during floodtime, one that could be lowered during periods of normal river stages to allow an unobstructed river view from the city. The resulting structure, and the first and only known folding concrete floodwall within the Corps, consists of precast panels capable of folding down on the landside to form a pedestrian walkway. When raised, the panels are supported by struts; when lowered, the struts can be stored under the walkway. The city also requested an overlook platform from which residents could enjoy the scenic river. The overlook was constructed of concrete with a form-lined texture carefully selected to match that used in the Urban Renewal Project. Four graphic panels were placed in the overlook to explain the history and development of the Ouachita River and how the wall is designed to work.





ENGINEERING



Honorable Mention

Kaskaskia Lock and Dam
Kaskaskia River, Illinois
designed by the St. Louis District
and assisted by the Ft. Worth District
and Freese and Nichols Engineers
Fort Worth, Texas,

Jurors Comments:

The engineering solution to this problem provided for multi-purpose benefits-recreation, wildlife enhancement, and ease of operation as well as effective, direct attention to the enhancement of transportation, its primary function,

ENGINEERING



Honorable Mention

Ririe Dam and Lake, Idaho
designed by the Walla Walla District

Jurors Comments:

This design involved the consideration of relatively complex geologic and site conditions. The design solution responds soundly and effectively to these constraints, while providing for irrigation and recreation usage, as well as the primary objective, flood protection,

LANDSCAPE ARCHITECTURE JURORS



**Lane L. Marshall, ASLA
Panel Chairman**

Lane Marshall is the President of the American Society of Landscape Architects. Mr. Marshall founded Lane L. Marshall and Associates in 1961 and, since that time, has been involved with more than 1,000 projects. A graduate of the University of Florida with a Bachelor of Landscape Architecture Degree, in 1977 he became the first recipient of that university's Distinguished Alumnus - Department of Landscape Architecture Award. He has also served as Visiting Professor of Landscape Architecture at the University of Florida, University of South Florida, Ohio State University, and Kansas State University, has written numerous articles, technical bulletins, and reports, and has lectured on land planning throughout the United States. Mr. Marshall is an Associate Member of the American Society of Golf Course Architects, and is a Past Secretary-Treasurer, a Past President, a National Trustee, and a Past-President (Central-Gulf Coast Section) of the Florida Chapter, American Society of Landscape Architects. Before becoming the President of the National ASLA, he served as Secretary-Treasurer. He is a member of the Florida Planning

and Zoning Association and the Urban Land Institute, and is a registered Landscape Architect in Florida, North Carolina, and South Carolina. Other important posts include Past Member and Secretary to the Planning and Architectural Advisory Council to the Florida State Capital Center Planning Committee; Past Chairman of the Florida Conference of Environmental Design; Chairman of the National Forum on Growth Policy, Washington, DC; Past President of the Board of Directors, Family Service Association of Sarasota County; and Vice-President of the Sarasota County Historical and Natural Science Center.



Meade Palmer, FASLA

Recognized as one of the top landscape architects in Virginia, Mr. Palmer has been in private practice in Warrenton, Virginia, since 1948. He is a graduate of Cornell University with a Bachelor of Landscape Architecture degree and is a regular lecturer at the University of Virginia, a position he has held since 1961. Long active in the American Society of Landscape Architects, Mr. Palmer is a Fellow, a past 1st Vice President, and a former Chairman of the Council of Fellows (1973-1975). He was on the Virginia Outdoor Recreation Study Commission, 1964-1965, and the Fauquier County Parks and Recreation Study Commission, 1970-1971. Mr. Palmer is a member of the National Trust for Historic Preservation; the American Horticultural Society; the Conservation Council of Virginia, where he is the ASLA Representative; and the National Park Service, where he is on the Mid-Atlantic Regional Advisory Committee.



Milton Baron, FASLA

As Director of the Division of Campus Parks and Planning at Michigan State University in East Lansing, Michigan, Professor Baron is responsible for the development and care of the 2,100 acre campus, including its golf courses and botanic garden. Besides a Horticulture diploma from Massachusetts State College and a Bachelor of Science degree in Education, he holds a Masters Degree in Landscape Architecture from the Graduate School of Design, Harvard University. His efforts in the planning and site development at Michigan State have contributed to making the MSU campus nationally renowned. In the past 31 years, he has been the recipient of a citation of aesthetics from the city of East Lansing, awards for campus planning and development - especially for the design of the W. J. Beal Botanic Garden - and has had numerous published articles in the New York Times and elsewhere. The Beal Botanic Garden has evolved into a unique teaching facility without many peers. Mr. Baron's long career in teaching landscape architecture was

preceded by experience with the Tennessee Valley Authority and the Air Service Command, AAF. One of the earliest professional registrants in California and in Michigan, he has served on numerous state committees. He was President of the Michigan Chapter of the American Society of Landscape Architects, and was the Trustee from Michigan from 1967 to 1973. He was elected a national Fellow in 1970. Being on the winning team of the Frankenmuth Park Design National Competition, his professional work also includes development of Hidden Lake Gardens, an unusual landscape teaching conservation facility. In spite of his achievements with the university campus and the national recognition he has received, Professor Baron feels that his major contribution to landscape architecture has come from instilling in his students a fuller understanding and appreciation of the landscape architecture profession.

LANDSCAPE Award of Merit

Terry R. Johnson Recreation Area
Gull Lake, Cass County, Minnesota

Design by:
St. Paul District

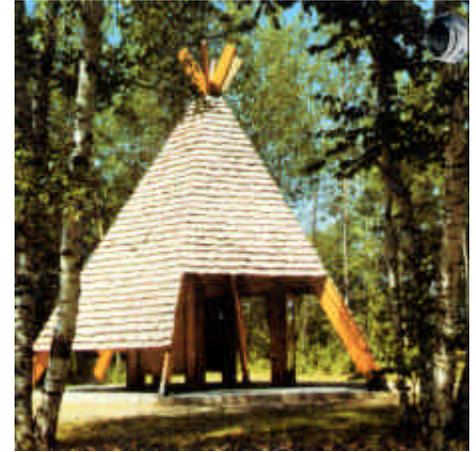
Jurors Comments:

This campground project reflects excellent responsiveness to natural conditions. Topography, vegetation, and views have all been treated in a very sensitive way. Roadways, campsites, path systems, and facilities are well designed and nicely coordinated of equal importance, these elements blend well with the landscape. The jury gives a special commendation for the unusually sensitive clearing operations evident throughout the project. This park area was well designed and well executed.

Situated on the banks of the Gull River and adjacent to Gull Lake, this recreation area provides splendid opportunities for camping, cultural interpretation, bank fishing, a nature study, and hiking. The thirty-nine unit campground is set in a beautiful stand of northern hardwoods, and much of the remainder of the site is heavily wooded with maple-basswood and birch-aspen communities. Each camp unit was carefully sited to minimize natural disruption and provide a high-quality experience for the visitor. The undeveloped portions of the site offer excellent opportunities for hiking and nature study. Road alignments were established to minimize cuts and fills and avoid unnecessary disruption to existing vegetation. A special design



consideration was focused on an extensive group of native American burial mounds dating back to about 800 BC. In developing the land area, which was quite limited because of slope and soil restrictions, the designers also had to take into consideration a strict avoidance of these burial mounds in order to respect and preserve their integrity. The mounds, which are listed in the National Register of Historic Places, provide excellent interpretive opportunities for the visiting public, and interpretive displays were incorporated into the design to explain the role and importance of the early human groups that inhabited the area. Overall, the design solution for the Terry R. Johnson Recreation Area reflects a careful balance between environmental and cultural sensitivity, economics, and quality recreation development.





LANDSCAPE Award of Merit

San Antonio Channel Improvement
Project, Elmendorf Lake Area
San Antonio, Texas

Design by:
Fort Worth District

Jurors Comments:

This flood control project showed a high level of creativity within rigid parameters. What might easily have become a parallel edged channel, became instead a natural lake an unusual feat considering the narrow site configuration. Preservation of existing natural features (primarily vegetation) was most successful. The resulting lake and park area is very pleasant, and apparently a popular spot for residents of surrounding neighborhoods,



This project was cited because of its success in a particularly sensitive handling of existing aesthetics and environmental values while achieving the flood protection needed for a section of river near downtown San Antonio. A portion of the San Antonio River channel improvement project involved channelization at Elmendorf Lake, a city park area with old cypress lined banks and a nature-study area

used by our Lady of the Lake College, which is also situated on the Lake. The problem was how to eliminate the flood threat while retaining the natural character of the park and the shoreline biological area. The solution was a new bypass channel, excavated across open ground in the river bend. The new channel, now the main channel for flood flows, actually doubled the size of the lake, and formed an island out of

one old shoreline, preserving the cypress trees and nature-study area unchanged. A pedestrian bridge was built to link the island to the park side of the lake, additional trees were planted in the construction area, and a sprinkler system installed to support turf growth and maintenance. The enlarged lake is now the focus for neighborhood recreation and has spurred local development of greenbelt areas along both banks of the improved channel,



LANDSCAPE

Award of Merit

NCO Open Mess
USAF Academy, Colorado Springs,
Colorado

Design by:
Musick & Musick
Arvada, Colorado

Design Supervision by:
Omaha District



Jurors Comments:

The jury was impressed by the excellent site planning demonstrated by this project. Special care was given to siting the building and arranging the parking. Topography and existing vegetation were well respected by the plan .

This building provides for the dining pleasure, relaxation, and social needs of Air Force Academy personnel, their families, and guests, and it was designed to take maximum advantage of a highly scenic site in the foothills of the Rocky Mountains. Located near a community center, the construction site was heavily-wooded, sloping, covered with native vegetation, and strewn with large boulders. Prime site development considerations were to minimize the intrusion of man-made elements while achieving maximum preservation of the existing environment and vegetation. The building, road system, walks, and parking areas were all planned to provide minimal displacement of the natural terrain, and even the boulders encountered during grading and excavation were placed at strategic locations to help preserve the original aesthetics. To eradicate the unavoidable construction scars, native



grasses, plants, and rocks were used in the disturbed areas near the building. The result was a secluded setting in a natural forest area, and a breath-taking view from inside the building and the patio.





LANDSCAPE Honorable Mention

Seven Points Recreation Area
Raystown Lake, Pennsylvania
designed by the Fahringer, McCarty,
Grey, Inc.
Monroeville, Pennsylvania
under the direction of the Baltimore
District

Jurors Comments:

The jury felt this project deserved an honorable mention for its excellent use of the natural characteristics of the site. Preservation and creation of stunning views are evident throughout the plan.



LANDSCAPE Honorable Mention

Local Flood Protection Project
Pembina, North Dakota
designed by St, Paul District

Jurors Comments:

This was selected as an honorable mention award because of the pleasant detail of the bas-relief on what otherwise would have been a most monotonous three mile long flood barrier. The pattern, with its shades and shadows gives texture and creates great interest,

