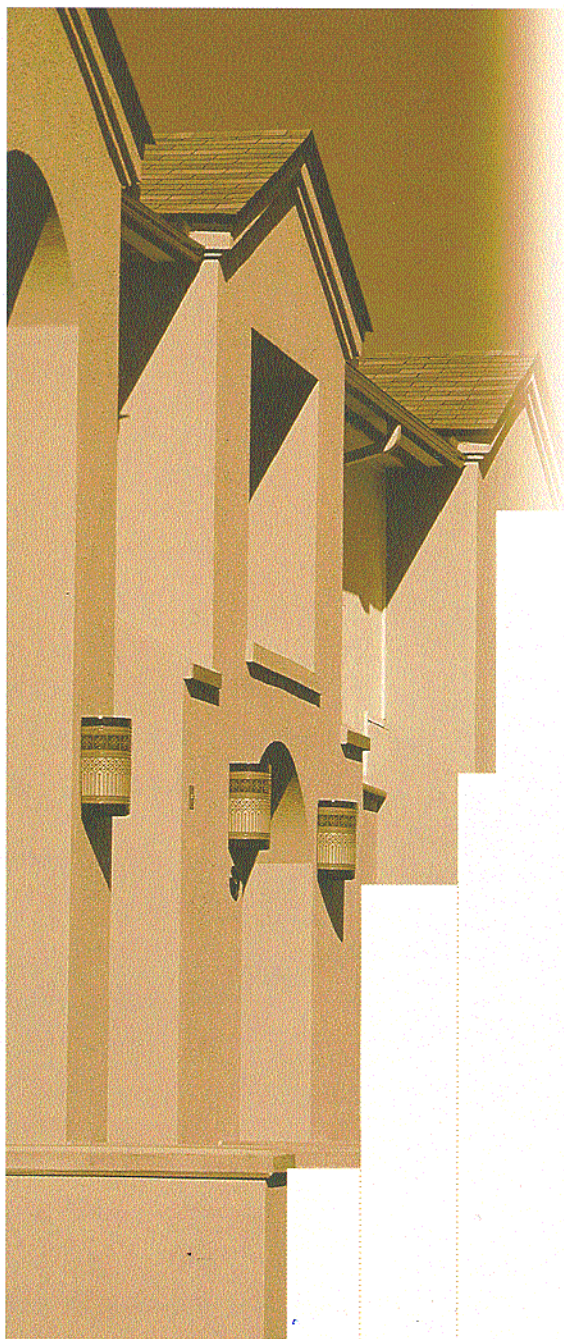


UNITED STATES AIR FORCE

1997

design awards program

fig. a



⊕ 33'-3"

THE EGLIN RANGE GENERAL PLAN,
EGLIN AIR FORCE BASE, FLORIDA

XERISCAPE AND WATER CONSERVATION PLAN,
FALCON AIR FORCE BASE, COLORADO

BEACH RECREATION FACILITY,
EGLIN AIR FORCE BASE, FLORIDA

FITNESS CENTER RENOVATION,
WHITEMAN AIR FORCE BASE, MISSOURI

YOUTH ACTIVITIES CENTER,
ANDREWS AIR FORCE BASE, MARYLAND

ACQUISITION MANAGEMENT COMPLEX,
PHASE II A&B, WRIGHT-PATTERSON AIR FORCE BASE, OHIO

SCOTT CIRCLE MILITARY FAMILY HOUSING,
HANSCOM AIR FORCE BASE, MASSACHUSETTS

LANDSCAPE DEVELOPMENT PLAN,
HURLBURT FIELD, FLORIDA

EASTSIDE APRON SUB-A
HURLBURT FIELD, FLORIDA

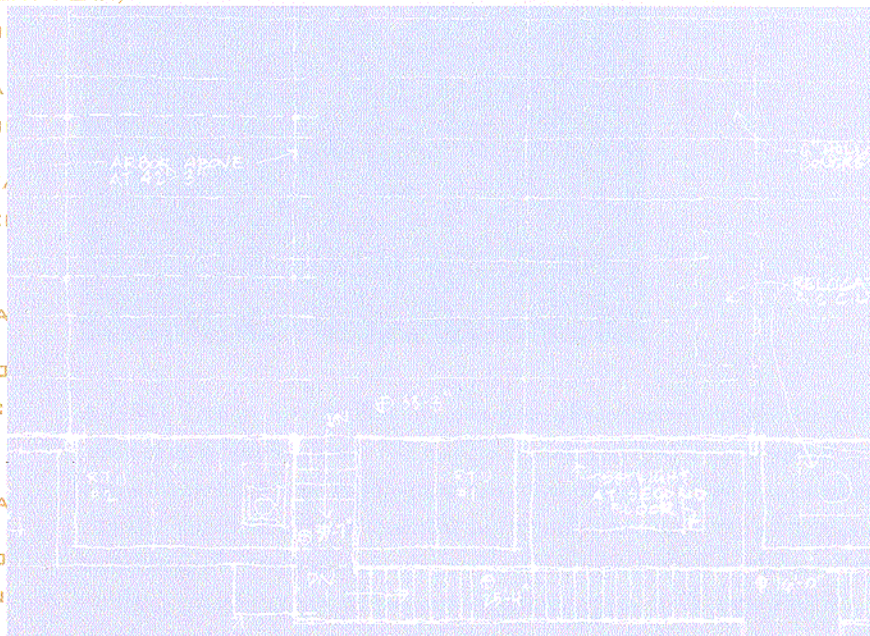
910TH AIRLIFT WING HEADQUARTERS
YOUNGSTOWN AIR RESERVE CENTER

YOUTH CENTER,
KIRTLAND AIR FORCE BASE, NEW MEXICO

BUILDING 120 COURTYARD
LOS ANGELES AIR FORCE BASE, CALIFORNIA

DORMITORY,
ANDREWS AIR FORCE BASE, MARYLAND

RAPCON/BASE OPERATIONS CENTER
VOLK FIELD, WISCONSIN



MASTER PLAN AND DESIGN GUIDES,
HOMESTEAD AIR RESERVE BASE, FLORIDA

HOUSING COMMUNITY PLAN,
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

BASE SUPPLY COMPLEX,
LITTLE ROCK AIR FORCE BASE, ARKANSAS

MEMORIAL PARK,
PATRICK AIR FORCE BASE, FLORIDA

CADET DORMITORY FURNITURE,
UNITED STATES AIR FORCE ACADEMY, COLORADO

LIBERTY WING CHAPEL STAINED GLASS WINDOWS,
RAF LAKENHEATH, UNITED KINGDOM

FITNESS CENTER RENOVATION,
MINOT AIR FORCE BASE, NORTH DAKOTA

FUEL CELL REPAIR/CORROSION CONTROL FACILITY,
MISSISSIPPI AIR NATIONAL GUARD, MERIDIAN

1997



A USAF Design Awards Program award certificate acknowledges the mingled talents and pride of many professionals. We work as a team, and the Design Award Program is an important instrument we use to recognize this collaboration. I view this program as more than a contest. This brochure is an essential tool we utilize to declare our principles of excellence, and I challenge the Air Force team to exercise their highest professional standards and capitalize on the accomplishments of these award-winning projects by capturing the cooperative spirit that led to their selection.

The winning entries exemplify the level of quality we seek for all Air Force projects. We must be good administrators of our resources, and these projects indicate that we are focusing on quality at all phases of the design process.

The Air Force takes great pride in its installations and facilities. We consider our installations as more than just facilities and infrastructure - they must form well planned communities reflecting the Air Force's professional image, while respecting the environment, and serving the functions for which they were designed.

A handwritten signature in black ink, which appears to read "Eugene A. Lupia". The signature is fluid and cursive.

Eugene A. Lupia
Major General, USAF
The Civil Engineer

HONOR, MERIT, AND CITATION

This Annual Report marks the twenty-second year of the United States Air Force Design Awards Program that was established in 1976 to recognize and promote design excellence. The Air Force sets no limits on the number or type of projects that can compete each year. There are seven project award categories. These include Planning and Urban Design, Housing Community Plans, Design Concepts, Interior Design, Landscape Design, Facility Design, and Completed Military Family Housing.

For each year's competition, an effort is made to secure jurors of the highest professional standards, blending progressive professionals who are knowledgeable of design trends in the private sector with exceptional design professionals currently in government service who understand military terminology and design standards. This year, the Planning and Urban Design and Housing Community Plan submittals were reviewed by a jury composed of a private sector landscape architect and an architect/community planner from the Air Force Services Agency. Interior Design submittals were reviewed by three members of the International Interior Design Association. All other categories were reviewed by the Architectural/Engineering jury composed of a private sector architect, an engineer representing the Society of American Military Engineers, and an architect currently with the Defense Commissary Agency.

With the selection of this year's award winning projects, the Air Force has honored one hundred twenty completed facilities, eighty-eight concept projects, thirty-six planning and landscape design projects, and thirty-three interior design projects since the program began.

The United States Air Force Design Awards Program is a viable and important program that has become institutionalized within the Air Force. It is widely recognized throughout the federal government and is supported by the enthusiastic participation of notable professionals in the private sector.

PLANNING STUDIES AND DESIGN GUIDES

THE EGLIN RANGE GENERAL PLAN,
EGLIN AIR FORCE BASE, FLORIDA

XERISCAPE AND WATER CONSERVATION PLAN,
FALCON AIR FORCE BASE, COLORADO

CONCEPT DESIGN

BEACH RECREATION FACILITY,
EGLIN AIR FORCE BASE, FLORIDA

INTERIOR DESIGN

FITNESS CENTER RENOVATION,
WHITEMAN AIR FORCE BASE, MISSOURI

FACILITY DESIGN

YOUTH ACTIVITY CENTER,
ANDREWS AIR FORCE BASE, MARYLAND

ACQUISITION MANAGEMENT COMPLEX,
PHASE II A&B, WRIGHT-PATTERSON AIR FORCE BASE, OHIO

FAMILY HOUSING

SCOTT CIRCLE MILITARY FAMILY HOUSING,
HANSCOM AIR FORCE BASE, MASSACHUSETTS

honor awards

merit awards

PLANNING STUDIES AND DESIGN GUIDES

LANDSCAPE DEVELOPMENT PLAN,
HURLBURT FIELD, FLORIDA

EASTSIDE APRON SUB-AREA DEVELOPMENT PLAN,
HURLBURT FIELD, FLORIDA

CONCEPT DESIGN

910TH AIRLIFT WING HEADQUARTERS,
YOUNGSTOWN AIR RESERVE STATION, OHIO

INTERIOR DESIGN

YOUTH CENTER,
KIRTLAND AIR FORCE BASE, NEW MEXICO

CONCEPT DESIGN

BUILDING 120 COURTROOM,
LOS ANGELES AIR FORCE BASE, CALIFORNIA

FACILITY DESIGN

DORMITORY,
ANDREWS AIR FORCE BASE, MARYLAND

RAPCON/BASE OPERATIONS CENTER,
VOLK FIELD, WISCONSIN

PLANNING STUDIES AND DESIGN GUIDES

MASTER PLAN AND DESIGN GUIDES,
HOMESTEAD AIR RESERVE BASE, FLORIDA

HOUSING COMMUNITY PLANS

HOUSING COMMUNITY PLAN,
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

CONCEPT DESIGN

BASE SUPPLY COMPLEX,
LITTLE ROCK AIR FORCE BASE, ARKANSAS

MEMORIAL PARK,
PATRICK AIR FORCE BASE, FLORIDA

INTERIOR DESIGN

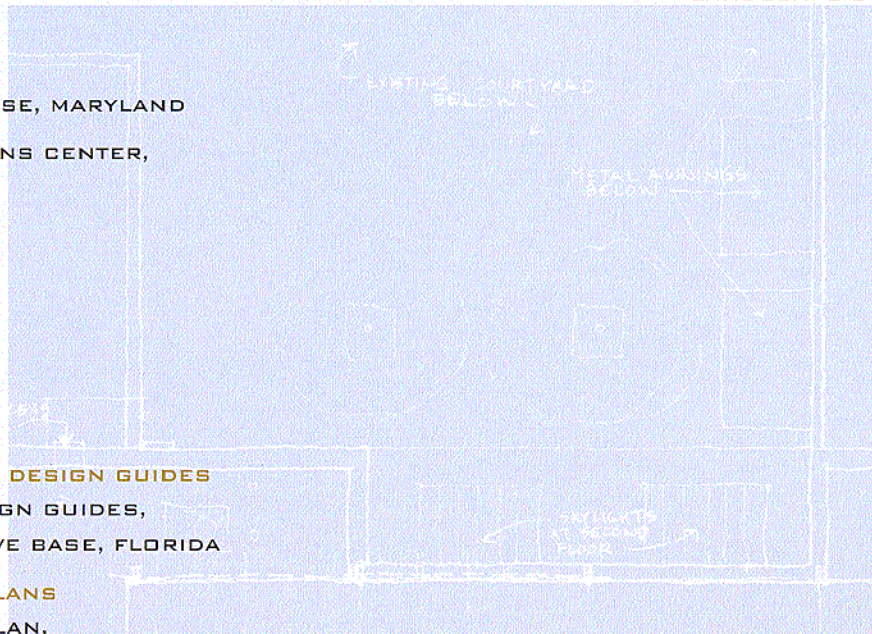
CADET DORMITORY FURNITURE,
UNITED STATES AIR FORCE ACADEMY, COLORADO

LIBERTY WING CHAPEL STAINED GLASS WINDOWS,
RAF LAKENHEATH, UNITED KINGDOM

FITNESS CENTER RENOVATION,
MINOT AIR FORCE BASE, NORTH DAKOTA

FACILITY DESIGN

FUEL CELL REPAIR/CORROSION CONTROL FACILITY,
MISSISSIPPI AIR NATIONAL GUARD, MERIDIAN



THE EGLIN RANGE GENERAL PLAN,
EGLIN AIR FORCE BASE, FLORIDA

XERISCAPE AND WATER CONSERVATION PL
FALCON AIR FORCE BASE, COLORADO

BEACH RECREATION FACILITY,
EGLIN AIR FORCE BASE, FLORIDA

FITNESS CENTER RENOVATION,
WHITEMAN AIR FORCE BASE, MISSOURI

YOUTH ACTIVITIES CENTER,
ANDREWS AIR FORCE BASE, MARYLAND

ACQUISITION MANAGEMENT COMPLEX,
PHASE II A&B, WRIGHT-PATTERSON AIR FO

SCOTT CIRCLE MILITARY FAMILY HOUSING,
HANSCOM AIR FORCE BASE, MASSACHUSE

LANDSCAPE DEVELOPMENT PLAN,
LD, FLORIDA

ON SUB-AREA DEVELOPMEN
LD, FLORIDA

WING HEADQUARTERS,
AIR RESERVE STATION, OHIO

FORCE BASE, NEW MEXICO

COURTROOM,
AIR FORCE BASE, CALIFORNIA

FORCE BASE, CALIFORNIA

OPERATIONS CENTER,
SCONSIN

MASTER PLAN AND DESIGN GUIDES,
HOMESTEAD AIR RESERVE BASE, FLORIDA

HOUSING COMMUNITY PLAN,
SEYMOUR JOHNSON AIR FORCE BASE, NO

BASE SUPPLY COMPLEX,
LITTLE ROCK AIR FORCE BASE, ARKANSAS

MEMORIAL PARK,
PATRICK AIR FORCE BASE, FLORIDA

CADET DORMITORY FURNITURE,
UNITED STATES AIR FORCE ACADEMY, COL

LIBERTY WING CHAPEL STAINED GLASS WI
RAF LAKENHEATH, UNITED KINGDOM

FITNESS CENTER RENOVATION,
MINOT AIR FORCE BASE, NORTH DAKOTA

FUEL CELL REPAIR/CORROSION CONTROL
MISSISSIPPI AIR NATIONAL GUARD, MERIDIAN

citation awards

THE EGLIN RANGE GENERAL PLAN
EGLIN AIR FORCE BASE, FLORIDA
PLANNING STUDIES + DESIGN GUIDES

honor award

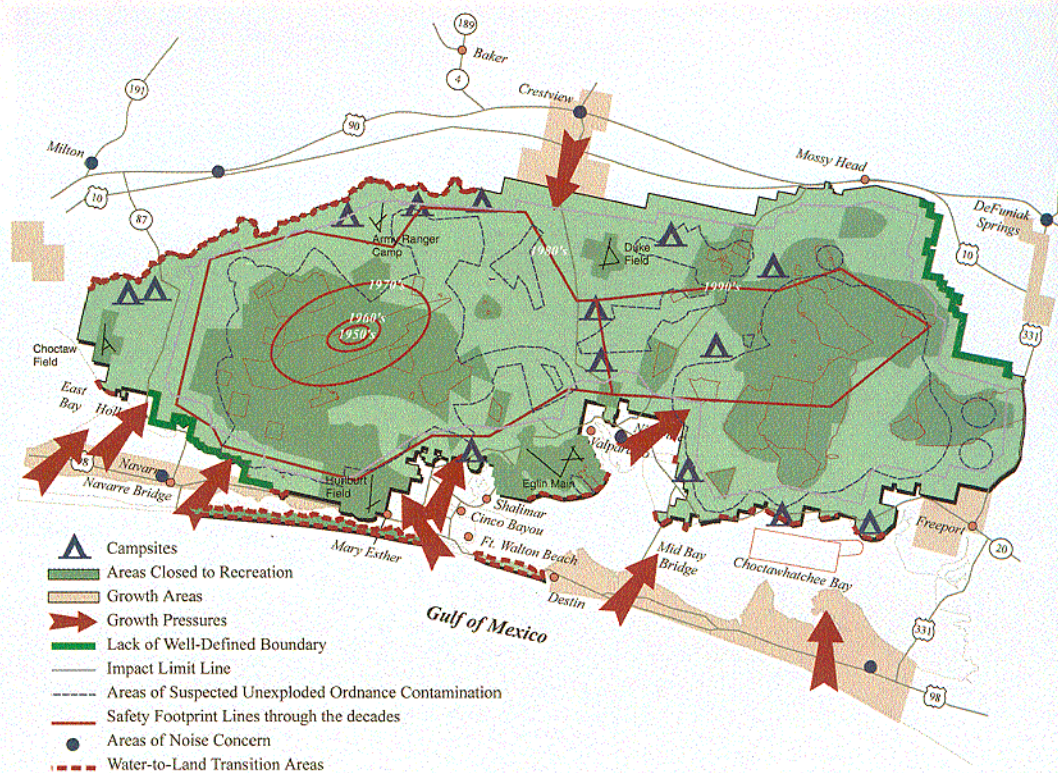


Eglin Range General Plan

*"A Framework
for the Future"*

DESIGN: WOOLPERT LLP
COMMAND: AIR FORCE MATERIEL COMMAND
BASE ENGINEER: 46TH TEST WING, PLANS OFFICE
CUSTOMER: AIR FORCE DEVELOPMENT TEST CENTER

The need for a General Plan for the Eglin Range was identified in 1992 and resulted in the 46th Test Wing's establishment of the Range Environmental Planning Office with a staff dedicated to bringing the Plan to fruition. The resulting document uses a highly graphical format to convey sufficient information and detail for busy commanders to act upon its recommendations quickly. Encompassing planning efforts taking place within and without the Eglin Range boundary, the Plan pulls together for the first time the fragmented but high caliber planning initiatives being done in the region around the base. The document represents the first General Plan prepared within the Department of Defense focusing on range topics, and the concepts set forth therein have received wide dissemination within the Air Force as well as the other Services. Written to immediately attract the reader's attention, a "National Geographic" format was adopted, rich with photographs, graphics, and concise text. Users of this exemplary General Plan are led through the complete range planning process, resulting in an appreciation of the planning profession and a deeper understanding of the roles played by each planning team participant.



JUROR'S COMMENTS

"...FULLY CONVEYS THE ESSENCE OF THE VARIOUS COMPONENTS DRIVING THE PLAN.
DOCUMENT PRODUCTION OF THE HIGHEST QUALITY."

XERISCAPE AND WATER CONSERVATION PLAN DESIGN

FALCON AIR FORCE BASE, COLORADO

PLANNING STUDIES + DESIGN GUIDES

h o n o r a w a r d

Falcon Air Force Base Falcon, Colorado

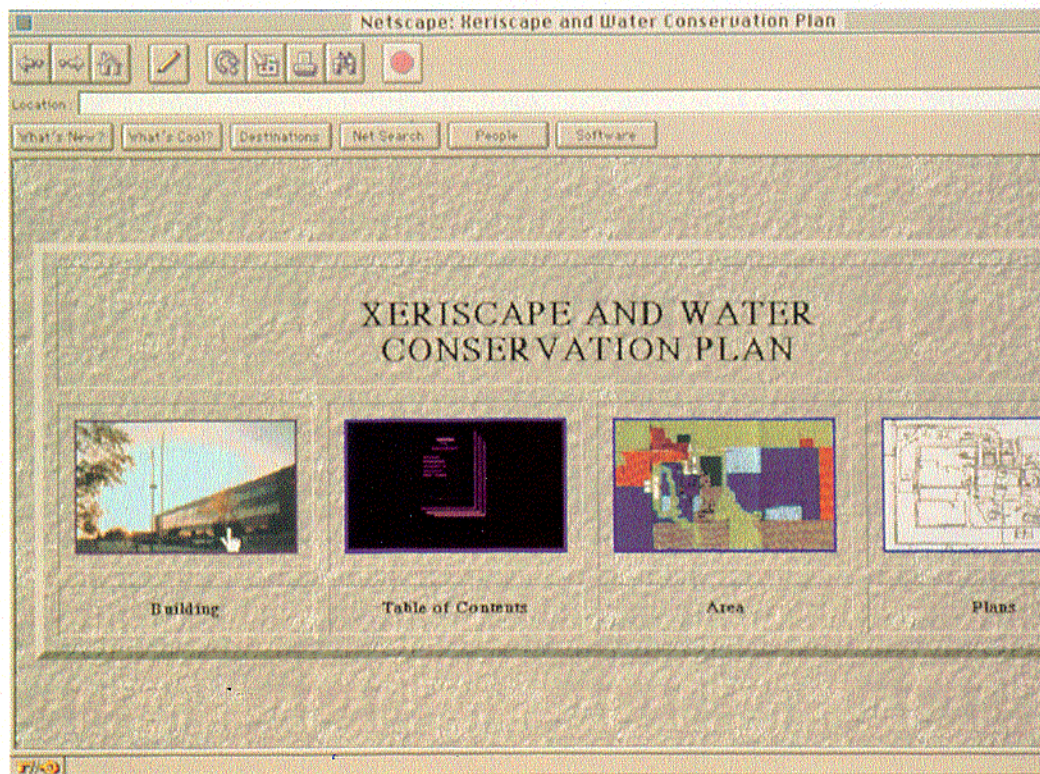
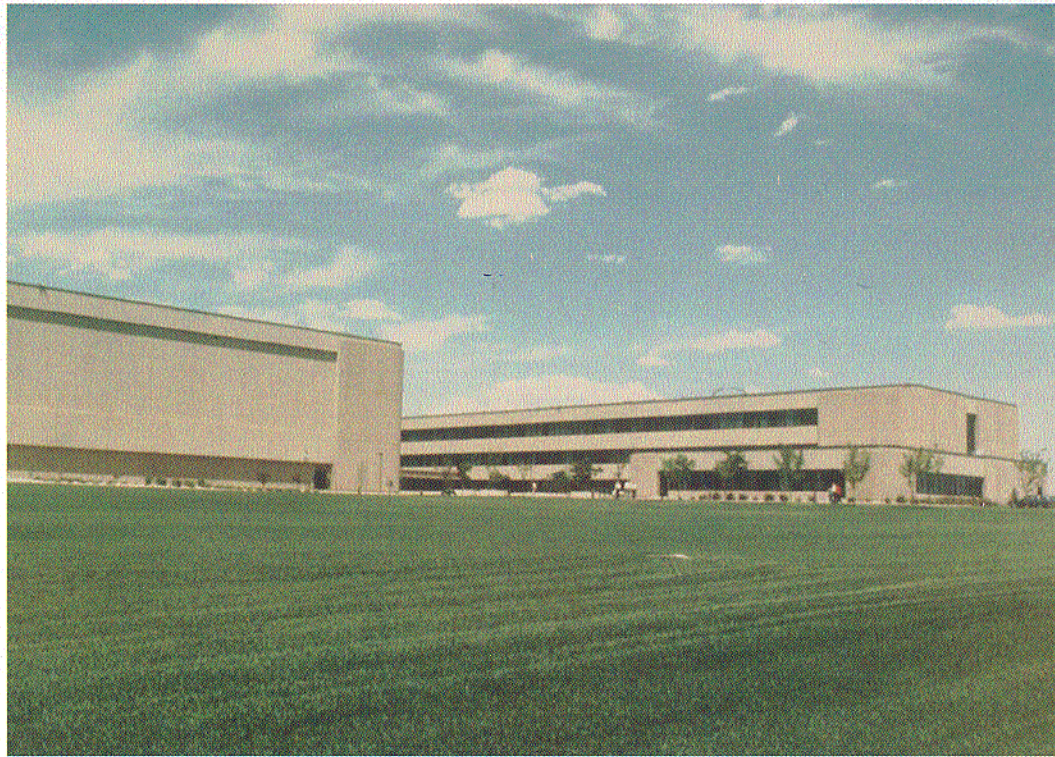


DESIGN: THOMAS AND THOMAS - PLANNING/URBAN DESIGN/LANDSCAPE ARCHITECTURE

COMMAND: AIR FORCE SPACE COMMAND

BASE ENGINEER: 50TH CIVIL ENGINEER SQUADRON

Utilizing the latest electronic media technology, this plan presents its contents in a visual, user-friendly format understandable to all viewers regardless of their background or experience with the subject matter. The plan's goals include a thorough analysis of existing landscape conditions with respect to aesthetic, functional and water conservation issues, creating guidelines which reduce maintenance requirements while enhancing the exterior appearance of the base, and establishing xeriscape concepts to conserve both natural and human resources. This totally automated document provides users with links between the Falcon Air Force Base General Plan and the installation's Facilities Excellence Plan via the base-wide "intranet" system. It also has potential for linkage to related off-site data and information via the Internet. Flexibility is the hallmark of the plan's navigation strategy. Users can browse the document by specific facilities, written descriptions, land use area designation, or based on a catalog of plans and documents for existing facilities.



JUROR'S COMMENTS

"...THE PLAN'S CONSERVATION AND SUSTAINABLE DESIGN PRINCIPLES REFLECT THE AIR FORCE'S "GREEN" INITIATIVES. A VERY GRAPHIC AND USER-FRIENDLY APPLICATION OF TODAY'S TECHNOLOGY."

BEACH RECREATION FACILITY
EGLIN AIR FORCE BASE, FLORIDA
CONCEPT DESIGN

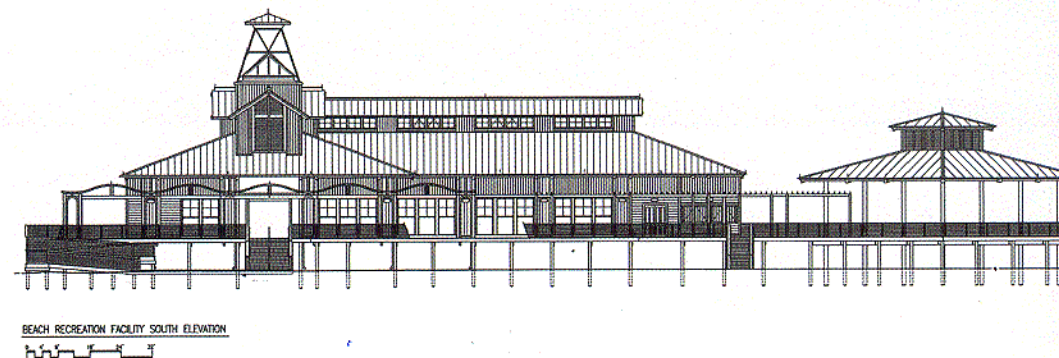
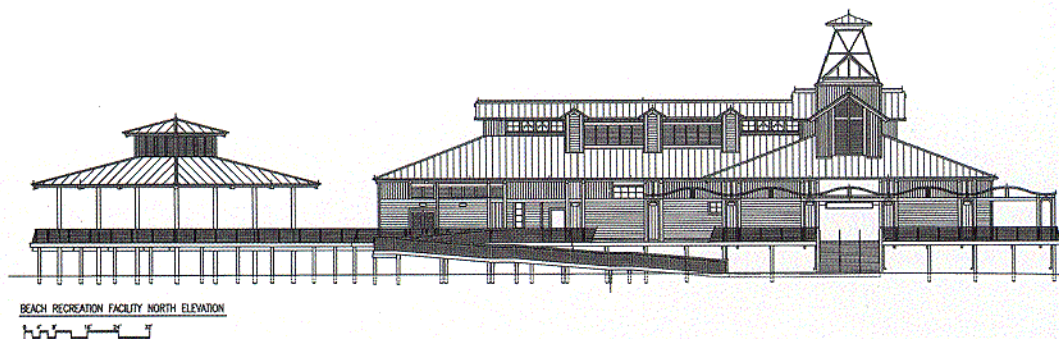
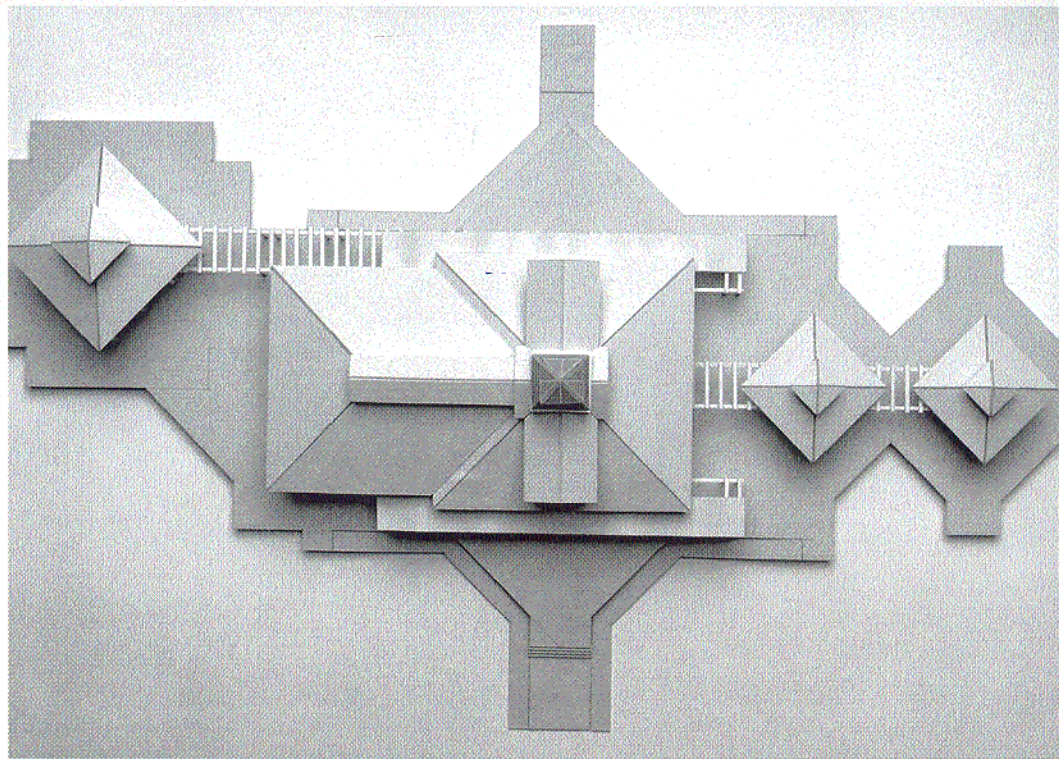
h o n o r a w a r d



DESIGN: ELLIOTT MARSHALL INNES, P.A.
COMMAND: AIR FORCE MATERIEL COMMAND
BASE ENGINEER: 96TH CIVIL ENGINEER GROUP
CUSTOMER: 96TH SERVICES SQUADRON

Serving as a replacement collocated facility for the Officer's Beach Club and Non-commissioned Officer's Club severely damaged by Hurricane Opal, this progressive design embraces the latest hurricane codes, wetland impact concerns, endangered sea turtle requirements, dune restoration issues, and architectural compatibility standards. To minimize the effects of hurricane wind forces and storm surge, the facility utilizes a wood piling foundation system elevating the main structure and exterior decks eight feet above grade. Additional shielding from shoreline encroachment is provided by situating the building behind the primary dune line. The parking areas were arranged on the site to avoid a nearby wetland site. Special low pressure sodium exterior light fixtures were used in response to the presence of endangered sea turtles in the area. Facility lighting fixtures were directed inward to avoid attracting newly hatched turtles.

The design reflects the architectural style of the semi-tropical region by incorporating indigenous details, construction methods, and building materials. The large expanses of outdoor dining deck capture the shore breezes and offer panoramic maritime views. Open breezeways channel trade winds and provide a comfortable outdoor environment for patrons. The distinctive design of this building promises to become an area landmark, and represents the Air Force's commitment to improving the quality of life for its members.



JUROR'S COMMENTS

"STRONG SENSE OF PLACE WITH ENVIRONMENTALLY SENSITIVE SITE DEVELOPMENT.
A POWERFUL ARCHITECTURAL STATEMENT THAT CELEBRATES REGIONAL STYLE."

FITNESS CENTER RENOVATION
WHITEMAN AIR FORCE BASE, MISSOURI
INTERIOR DESIGN

h o n o r a w a r d



DESIGN: 509TH CIVIL ENGINEER SQUADRON
COMMAND: AIR COMBAT COMMAND
CUSTOMER: 509TH SERVICES SQUADRON

Establishing a new interior image and appropriate theme for the fitness center were the primary goals of this renovation initiative. The project also addresses additional functional space requirements and existing architectural deficiencies. These deficiencies included inappropriate finish materials, poor air flow and interior lighting, and a dull, oppressive interior design scheme. Although a new Ergonomics/Wellness Center was added in a 1,700 square foot building addition, the existing structure remains essentially unchanged in its layout. However, the introduction of an exciting new interior design scheme has dramatically changed the visual environment of the Fitness Center. The high-tech image of the renovated and expanded facility has caused an increase in user activity of 15 to 20 percent. A marked increase in management and employee morale is evident by the improvement in upkeep of the facility and the professionalism of the staff.



JUROR'S COMMENTS

"SUCCESSFUL DESIGN AND ADDITION - UPBEAT AND EXCITING. COMPARES FAVORABLY WITH THE PRIVATE SECTOR."

YOUTH ACTIVITY CENTER

ANDREWS AIR FORCE BASE, MARYLAND

FACILITY DESIGN

h o n o r a w a r d



DESIGN: COOPER-LECKY ARCHITECTS, P.C.

COMMAND: AIR MOBILITY COMMAND

BASE ENGINEER: 89TH CIVIL ENGINEER SQUADRON

CUSTOMER: 89TH SERVICES SQUADRON

Creating interesting and exciting recreational opportunities for dependent youth has become an increasingly important morale builder as the Air Force strives to make family life more attractive. This dramatic expansion facility takes a departure from the other "adult" buildings on the base by exerting its tasteful yet playful energy. Originally consisting of a nondescript box-like structure which was incorporated into the new facility, the center is divided into two distinct age group zones—one for younger youth and the other for teens. Each zone has its own entrance and facilities allowing for separate interests and identities. All activity is controlled from a central point where effective but non-intrusive monitoring occurs. An inviting, glazed entry facade on the side of the old gymnasium allows light to enter into the heart of the building and features an appropriate "control tower" element and a "tic tac toe" mullion design. Care was taken to effectively blend the old with the new to where the difference is hardly distinguishable. A mezzanine dropped into the old basketball court has become a lively teen lobby. Overlapping functions including a game room, information desk, vending alcove, and even a periscope providing views from the control tower add a sense of life to the building



JUROR'S COMMENTS

"PUTS THE CUSTOMER FIRST. ITS TASTEFUL, PLAYFUL ENERGY CLEARLY SETS IT APART FROM "ADULT" BUILDINGS. THE INVITING GLAZED ENTRY AND "CONTROL TOWER" COMMUNICATES TO THE YOUTH WITH AN OPEN, CHEERFUL TONE THAT THIS IS THEIR PLACE. OUTSTANDING SPATIAL AND GRAPHIC INTERIOR DESIGN."

ACQUISITION MANAGEMENT COMPLEX, PHASE II A&B

WRIGHT-PATTERSON AIR FORCE BASE, OHIO

FACILITY DESIGN

h o n o r a w a r d



DESIGN: 3D/INTERNATIONAL

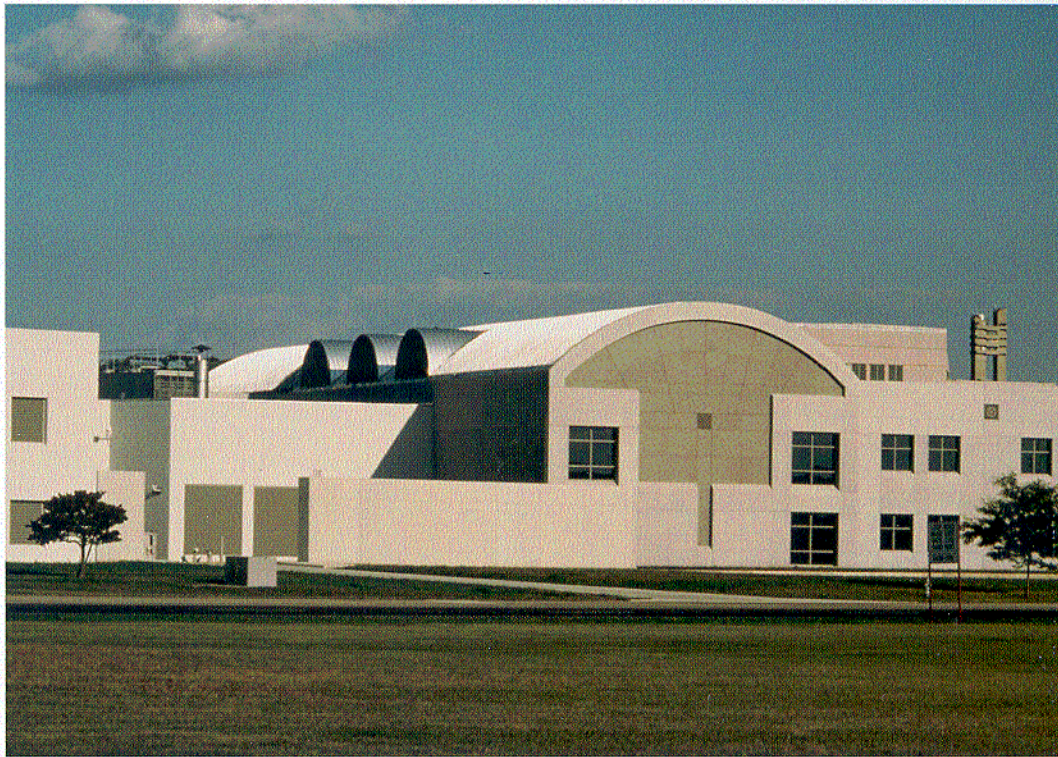
COMMAND: AIR FORCE MATERIEL COMMAND

DESIGN AGENT: LOUISVILLE DISTRICT US ARMY CORPS OF ENGINEERS

BASE ENGINEER: 88TH CIVIL ENGINEER GROUP

CUSTOMER: AERONAUTICAL SYSTEMS CENTER

As the final phase of the base's ASC (Aeronautical Systems Center) Tomorrow Area Development Plan established in 1991, this facility encompasses three main components—a new Central Services and Utilities Distribution Facility, a total renovation of a former engineering laboratory into a high quality, flexible working environment, and a new, three-level office/administrative facility. The highly flexible office space design can accommodate diverse administrative functions and secure special projects areas. Large continuous floor plates and modular systems furniture workstations provide the maximum degree of flexibility for reconfiguration. A central courtyard surrounded by glazed corridors provides exterior views and permits natural daylighting while maintaining the required degree of security. The Central Services and Utilities Distribution Facility situated between the new office structure and the renovated laboratory building consists of a central utility plant, a shipping and receiving facility, a maintenance shop, and a utility and service corridor. This service module is connected to the other facility components via a basement-level corridor. The former laboratory building was radically modified to remediate extensive deficiencies and blend harmoniously with the other components



JUROR'S COMMENTS

"CLEAN, DIRECT, APPROPRIATE AND EFFICIENT. SCALE AND RHYTHM ARE OUTSTANDING. PROVIDES AN ARCHITECTURALLY UNIFIED DESIGN SOLUTION FOR THREE DIVERSE COMPONENTS BY SUCCESSFULLY CONTINUING THE ARCHITECTURAL VOCABULARY AND MATERIAL SELECTION WITHOUT OVERSTATEMENT OR APOLOGY."

SCOTT CIRCLE MILITARY FAMILY HOUSING
HANSCOM AIR FORCE BASE, MASSACHUSETTS
FAMILY HOUSING

h o n o r a w a r d



DESIGN: PLUMB HOUSE
COMMAND: AIR FORCE MATERIEL COMMAND
BASE ENGINEER: 66TH SUPPORT GROUP CIVIL ENGINEER
CUSTOMER: 66TH SUPPORT GROUP CIVIL ENGINEER HOUSING FLIGHT

This first of five construction phases replaces 200 common-stairwell multifamily living units with new, individual town-homes. These dramatic improvements in the Scott Circle neighborhood has caused what was once referred to as very undesirable "tenement" housing to become the most desirable community for Hanscom Air Force Base residents and has vastly improved the quality of life for the residents. The success of this project is due not only to the consolidated team effort between the designers, builders, and users, but also because of the input and feedback provided by a special Residential Review Board. The neighborhood projects a regionally compatible New England style incorporating details such as entry columns, pitched shingle roofs, and horizontal siding. The design did not end with the living units alone; site amenities such as quality landscaping, pedestrian pathways, and playgrounds add a unified ambiance to the housing development. Each unit has its own private and readily identifiable entrance as opposed to the previous arrangement of sharing a common building entry. The proud comments from those who now call Scott Circle "home" stand as positive testimony to the success of the design.



JUROR'S COMMENTS

"GREAT REGIONAL ARCHITECTURAL FIT WITH WELL-PLANNED PHASING STRATEGY. STRONG NEIGHBORHOOD QUALITY AND IDENTITY IS MAINTAINED THROUGH THOUGHTFUL DEVELOPMENT OF COMMON AREAS AND LANDSCAPING."

This plan assesses existing landscape conditions at Hurlburt Field, establishes overall improvement strategies, and presents specific site development examples which can be replicated as appropriate. The goals of this plan include improving the overall visual appearance and public perception of the installation, establishing an appropriate landscape development scheme, enhancing established distinguished visitor routes, and promote xeriscape concepts. These xeriscape concepts include encouraging use of indigenous low-maintenance plant materials appropriate to local climatic conditions reducing dependence upon natural and human resources. The reduction of wasteful landscape management practices such as unnecessary pruning, overwatering, and the installation of inappropriate landscape materials is a major focal point of the plan. The resulting document provides ground crews with a tool enabling them to readily implement prescribed landscape improvements. The plan provides a model for consistency in landscape development throughout the installation.

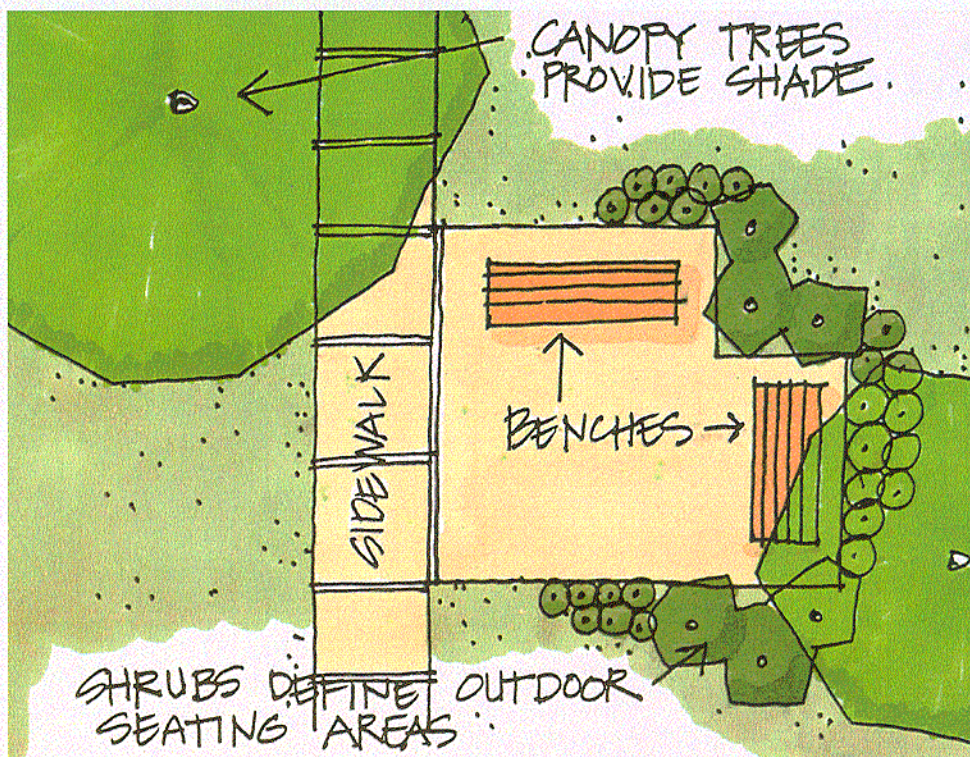
DESIGN: WOOLPERT LLP

COMMAND: AIR FORCE SPECIAL OPERATIONS COMMAND

DESIGN AGENT: MOBILE DISTRICT US ARMY CORPS OF ENGINEERS

BASE ENGINEER: 16TH CIVIL ENGINEER SQUADRON

CUSTOMER: 16TH CIVIL ENGINEER SQUADRON ENGINEERING FLIGHT



JUROR'S COMMENTS

"A COMPREHENSIVE GUIDE FOR LANDSCAPE DEVELOPMENT - FROM INITIAL PLANNING THROUGH MAINTENANCE. ITS SIMPLE, EASY-TO-USE FORMAT WILL CAUSE IT TO BE A HEAVILY USED RESOURCE. A VERY GRAPHIC DOCUMENT THAT BLENDS ILLUSTRATIONS, PHOTOS AND TEXT EFFECTIVELY."

EASTSIDE APRON SUB-AREA DEVELOPMENT PLAN

HURLBURT FIELD, FLORIDA

merit award

PLANNING STUDIES + DESIGN GUIDES

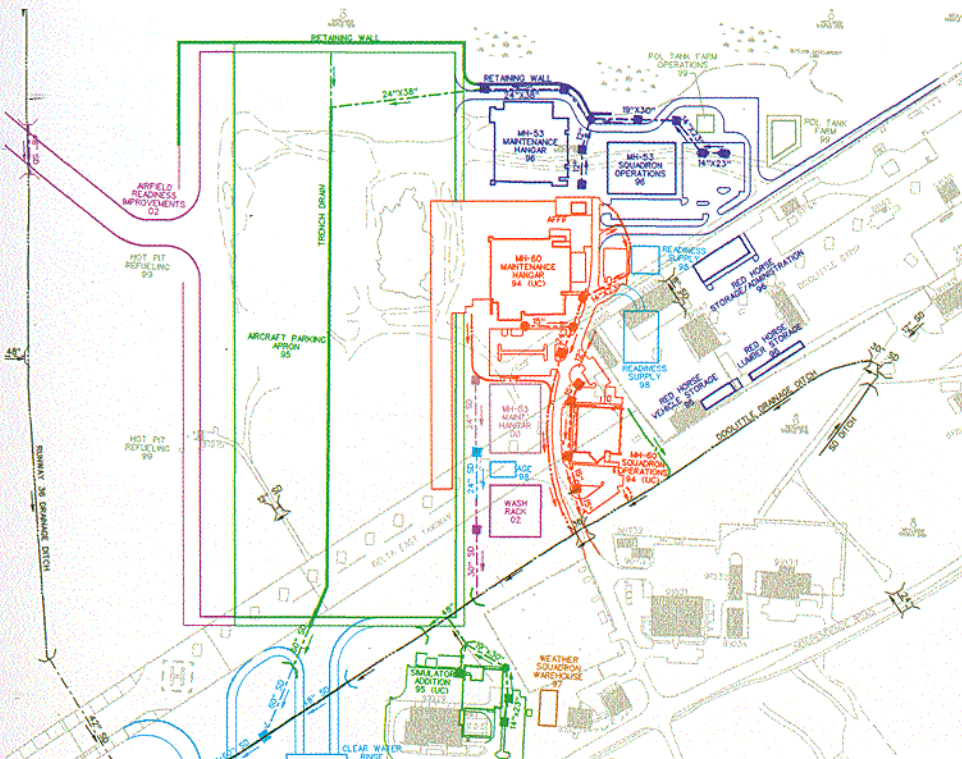
DESIGN: STV INCORPORATED

COMMAND: AIR FORCE SPECIAL OPERATIONS COMMAND

DESIGN AGENT: MOBILE DISTRICT US ARMY CORPS OF ENGINEERS

BASE ENGINEER: 16TH CIVIL ENGINEER SQUADRON

CUSTOMER: 16TH CIVIL ENGINEER SQUADRON ENGINEERING FLIGHT



Expanding missions at Hurlburt Field established the need for a phased strategy for providing utility infrastructure to accommodate fifteen new structures meeting the needs of two helicopter squadrons. This utility development plan effectively coordinates and organizes nine utilities serving the area by location, construction phasing requirements, and fiscal year appropriations. Additionally, the plan recommends Operations & Maintenance contracts to construct critical sections of utilities beyond the scope of site improvements associated with a specific structure. Utilities are judiciously located to ensure maximum space is reserved for future utility requirements, origination and termination points are closely coordinated to minimize costs, and utility construction is phased to eliminate redundant construction tasks, such as retrenching. This exemplary plan demonstrates that strategic planning concepts can be effectively applied to technical engineering studies to provide benefits beyond implementation such as minimizing the impact to developable land areas, minimizing development costs across fiscal years, maximizing funding likelihood and coordinating different utility requirements with proponent's needs. This study has already paid for itself in that construction cost savings have far exceeded the cost of preparing the plan.

JUROR'S COMMENTS

"A TECHNICALLY SOUND DOCUMENT THAT DOESN'T TRIP OVER ITS OWN DETAILS. PROVIDES A DETAILED ROADMAP FOR FUTURE FACILITIES AND INFRASTRUCTURE REQUIREMENTS. GOOD USE OF GRAPHICS TO DELINEATE MULTIPLE LAYERS OF EXISTING AND PROPOSED INFRASTRUCTURE."

910TH AIRLIFT WING HEADQUARTERS
YOUNGSTOWN AIR RESERVE STATION, OHIO

merit award

CONCEPT DESIGN

Serving as a terminus for a new boulevard and organizational spine planned for the Reserve Station, this new 36,000 square foot Wing Headquarters Building consolidates Base Support organizations into a flexible facility combining open office efficiency with the required degrees of privacy and security. The design respects established design guidelines by using the prescribed finish materials, yet assembles them into a striking focal point. The principal visual design feature of the building is a metallic finished, "aerodynamically" curved wall flanking a two-story lobby space. This vertical "wing" element extends past the two story lobby to become an exterior tower element, creating an ideal location for building signage. Functionality of the facility is enhanced by placing high traffic spaces on the first floor while functions with lower traffic requirements are located on the second floor.

DESIGN: KZF, INCORPORATED

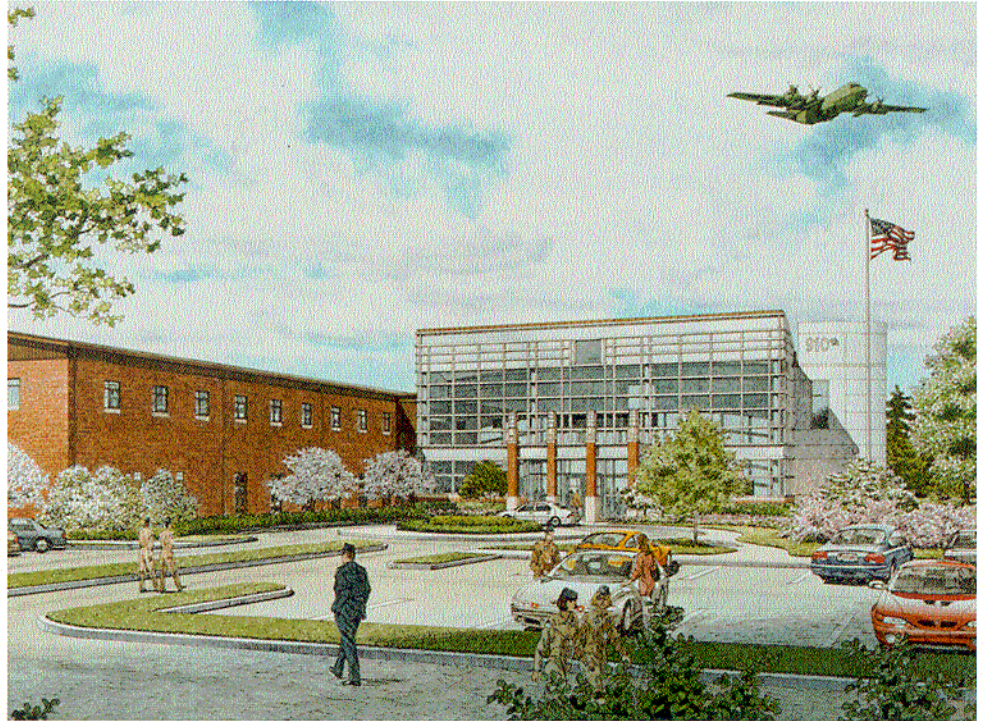
COMMAND: AIR FORCE RESERVE COMMAND

DESIGN AGENT: LOUISVILLE DISTRICT US-ARMY CORPS OF ENGINEERS

DESIGN MANAGEMENT: AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE

CONSTRUCTION MANAGEMENT DIRECTORATE

BASE ENGINEER: 910TH AIRLIFT WING CIVIL ENGINEER - CUSTOMER: 910TH AIRLIFT WING



JUROR'S COMMENTS

"A RESPONSIVE AND IMAGINATIVE SOLUTION TO A KEY FOCAL POINT FACILITY. THE TWO STORY LOBBY PROVIDES A PLEASANT, OPEN SPATIAL EXPERIENCE WHICH AFFORDS EXCELLENT CIRCULATION WHILE ACTING AS THE PRINCIPLE VISUAL DESIGN FEATURE. IT WILL BE AN EXCELLENT TERMINUS TO THE PROPOSED FUTURE MAIN BOULEVARD."

YOUTH CENTER

KIRTLAND AIR FORCE BASE, NEW MEXICO

INTERIOR DESIGN

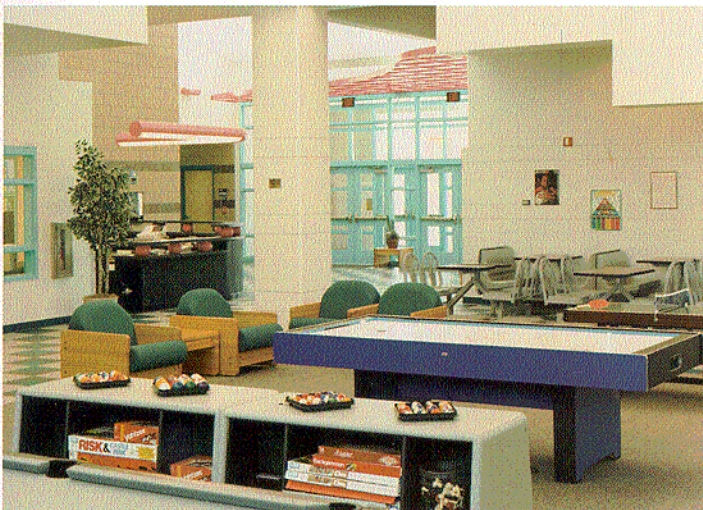
m e r i t a w a r d

DESIGN: BPLW ARCHITECTS & ENGINEERS, INC.

COMMAND: AIR FORCE MATERIEL COMMAND

BASE ENGINEER: 377TH CIVIL ENGINEER GROUP

CUSTOMER: 377TH SERVICES SQUADRON



The bold, creative design of this Youth Center has caused it to quickly become a landmark on the installation, and while the exterior form of the building is distinctive, it is the quality of the interior spaces that sets this project apart. The interior design scheme focuses on functionality and fun. While interior finish materials have been chosen for high durability, bright and lively colors and patterns are used for a touch of whimsy. The turquoise accent color used for the grillwork, door frames and window frames has been repeated as an accent color for interior door and window frames as well. The turquoise elements are complimented by bright rose colored ceiling grills, light fixtures, and other accents. The ceiling grills are suspended at 12 or 16 feet above the floor to bring a sense of scale to rooms with soaring ceilings. The facilities large interior volumes, spaciousness, natural lighting, and progressive interior design combine to create a popular hang-out for children and their parents, as well as a cheerful workplace for the staff.

JUROR'S COMMENTS

"TOTALLY FUN AND APPEALING WITH GOOD SPACE PLANNING. INCLUDES CLASSROOM SPACE FOR AFTER SCHOOL STUDY."

BUILDING 120 COURTROOM

LOS ANGELES AIR FORCE BASE, CALIFORNIA

INTERIOR DESIGN

merit award

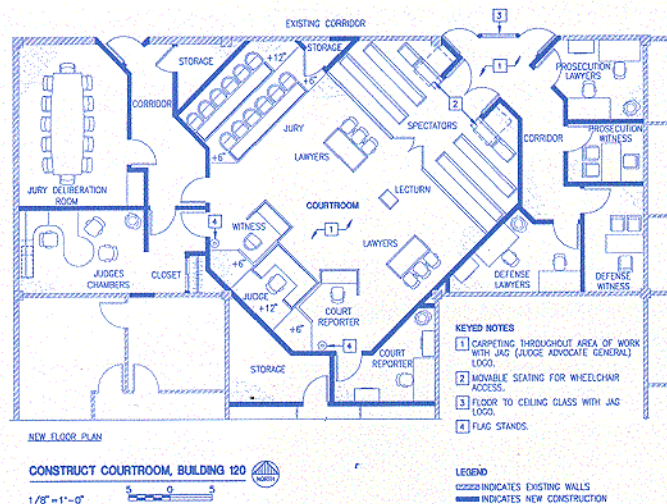
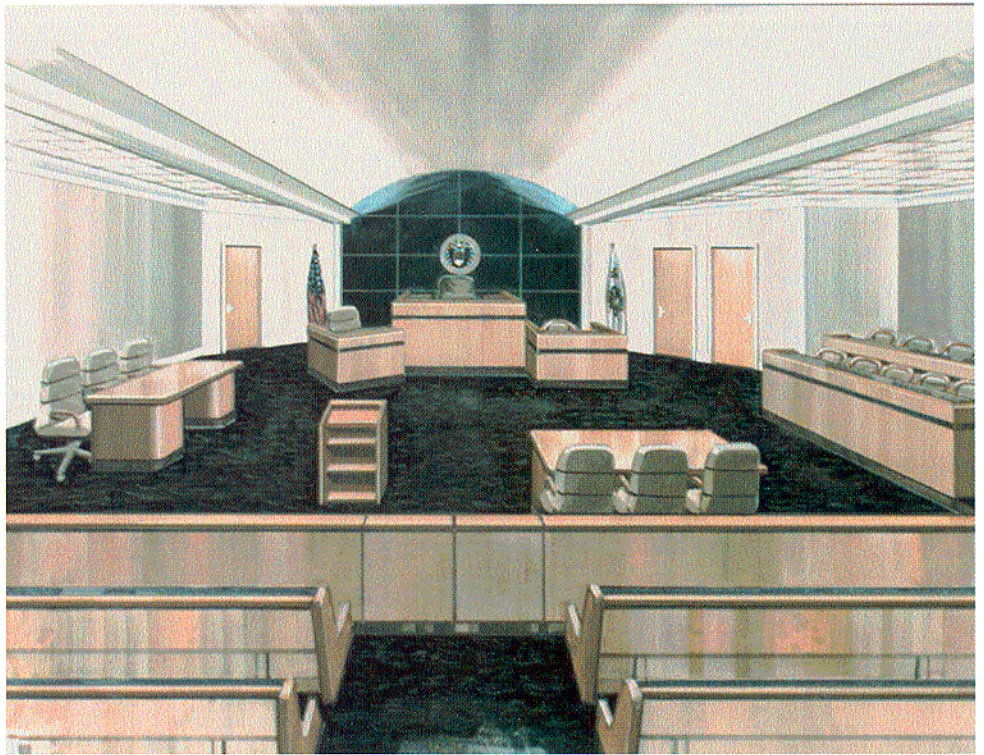
Several challenging goals are addressed in this design. A functional and aesthetically pleasing interior environment is created within budget and physical constraints, Americans with Disabilities Act requirements are met, and a dynamic, contemporary space is provided while maintaining the traditional image of a courtroom. To maximize use of the existing space, the courtroom plan was set at an angle, allowing direct visual and physical access. Surrounding the courtroom are a chamber for visiting judges, defense and prosecution lawyers' offices, witness holding areas, the court reporter's office, and storage areas. This project makes effective use of existing office space and doubles as a classroom facility when court is not in session. Finishes and colors were selected to convey a contemporary feeling while still giving reference to traditional courtroom design.

DESIGN: PACIFIC GENERAL, INC.

COMMAND: AIR FORCE MATERIEL COMMAND

BASE ENGINEER: 61ST AIR BASE GROUP CIVIL ENGINEER

CUSTOMER: 61ST AIR BASE GROUP SPACE AND MISSILE CENTER JUDGE ADVOCATE



JUROR'S COMMENTS

"EXCELLENT SPACE PLANNING AND USE OF FINISH MATERIALS."

DORMITORY

ANDREWS AIR FORCE BASE, MARYLAND

FACILITY DESIGN

m e r i t a w a r d

DESIGN: STANMYRE + NOEL ARCHITECTS

COMMAND: AIR MOBILITY COMMAND

DESIGN AGENT: ENGINEERING FIELD ACTIVITY CHESAPEAKE

BASE ENGINEER: 89TH CIVIL ENGINEER SQUADRON

CUSTOMER: 89TH CIVIL ENGINEER SQUADRON HOUSING FLIGHT



This dormitory design starts with a specific site planning concept: develop a harmonious prototypical structure and site concept that addresses open space issues and creates relationships between buildings. The prototype is organized around diagonal axes of street intersections such that each corner will ultimately have buildings facing the intersection. The 'L' shaped plan creates a semi-private courtyard with landscaped activity areas and walkways that buffer the dormitories. The two wings of dorm rooms are aligned with the street grid and are linked with a covered, open air stairway. The stair tower is connected by a covered sky lit walk to a separate diagonally positioned activity building.

The complex is rich with design details intended to enhance the design and living environment. Contrasting masonry colors and projected brick course work reduces the blandness of an otherwise imposing flat brick wall. Generous roof overhangs and practical landscaping create shade and a residential feel for the residents. The roof line is further emphasized by ending balcony columns at the second floor.

JUROR'S COMMENTS

"GEOMETRICALLY HARMONIOUS AND ARCHITECTURALLY PLEASING. GOOD SCALE, TEXTURE, AND DETAIL. LOOKS LIKE A GREAT PLACE TO LIVE."

RAPCON/BASE OPERATIONS CENTER

VOLK FIELD, WISCONSIN

FACILITY DESIGN

merit award

This project was designed as an addition to an existing Air Combat Maneuvering Instrumentation facility. It provides an operations center that will manage air traffic control operations, range scheduling, and range airspace management. It provides a home for radar approach control, base operations, base communications, weather forecasting, administrative, and training requirements.

The plan provides a free-flowing layout that compliments the existing facility and functionally combines all air management operations functions into a single facility. The use of exterior materials, colors, and massing makes this addition appear to be an integral part of the whole building complex; not an addition. The overall high-tech appearance is reflected in the selective use of exterior metal panels, glass and metal mullions. The high-tech function of the facility transitions from its interior spaces by employing the cylindrical massing of an airport control tower. The interior is treated with state-of-the-art interior furnishings, re-configurable rooms, and functional appointments while the exterior was blended to emulate the Volk Field architectural theme.

DESIGN: AVGROUP-1 (MEAD & HUNT, INC.)

COMMAND: AIR NATIONAL GUARD

DESIGN AGENT: US PROPERTY AND FISCAL OFFICE FOR WISCONSIN

BASE ENGINEER: VOLK FIELD COMBAT READINESS CENTER CIVIL ENGINEER

CUSTOMER: VOLK FIELD COMBAT READINESS CENTER



JUROR'S COMMENTS

"UNCOMPLICATED, HIGHLY RESPONSIVE AND HIGH VALUE SOLUTION FOR A HIGH-TECH, YET TONED-DOWN BASE REQUIREMENT. A FRESH, CLEAN FACILITY WITH STRIKING INTERIOR TREATMENT AND EXCELLENT FUNCTIONAL RESPONSIVENESS."

A rigorous macro-to-micro planning process led to a comprehensive product. This plan is intended to guide future development of the hurricane-damaged Homestead Air Reserve Station. The study started with a detailed site analysis and site inspection. It was then followed by interviews with facility users. The planning and design consultants employed the interactive charrette process—a week-long intense and focused on-site session during which consultants interviewed base officials, developed concept plans, and then got over-the-shoulder feedback until consensus was achieved. Functional land use and transportation diagrams were then developed to resolve potential conflicting functional adjacencies. The plan also recognized the potential for expansion. Detailed facility requirements were then developed along with area development plans for each facility for follow-on facility design.

Design guidelines were developed that outline the new architectural theme of the installation's core and seeks to provide the source for future development. It addresses the regional architectural vernacular and design features (materials, colors, form, scale, and details) needed to keep the theme consistent. The landscape design guidelines recommended a variety of approaches ranging from formal to free-form depending on location.

DESIGN: POST, BUCKLEY, SCHUH & JERNIGAN, INC.

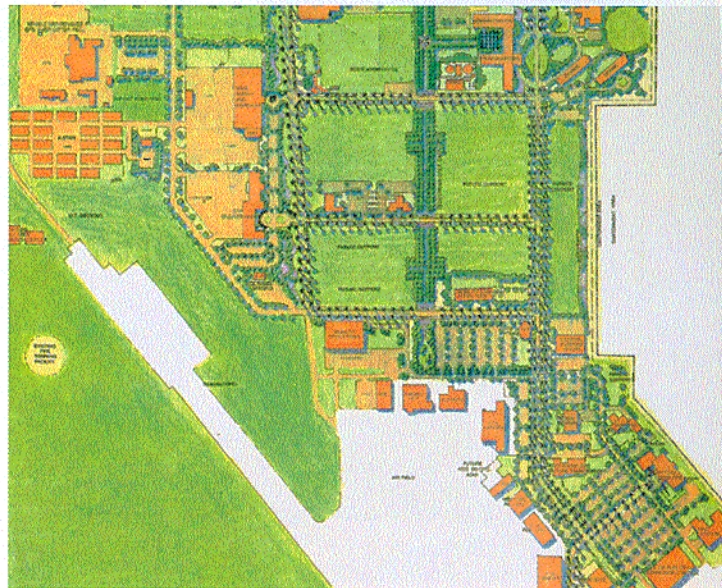
COMMAND: AIR FORCE RESERVE COMMAND

DESIGN AGENT: MOBILE DISTRICT US ARMY CORPS OF ENGINEERS

DESIGN MANAGEMENT: AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE CONSTRUCTION MANAGEMENT DIRECTORATE

BASE ENGINEER: 482ND SUPPORT GROUP CIVIL ENGINEER

CUSTOMER: 482ND FIGHTER WING



JUROR'S COMMENTS

"A VERY THOROUGH DOCUMENTATION OF EXISTING CONDITIONS AND PROJECTED FACILITY NEEDS. ESTABLISHES THE FRAMEWORK AND RATIONALE FOR FUTURE PROJECTS."

HOUSING COMMUNITY PLAN

SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA

HOUSING COMMUNITY PLANS

Effective, comprehensive planning for the future housing needs of the installation is clearly communicated in this Housing Community Plan. The plan stresses the need for individual living unit identity, pride of the residents in their neighborhood, proper aesthetic standards, quality family support amenities, and appropriate infrastructure. All these design and planning factors are in concert with established base development plans and design standards. Recommendations include using townhouses to increase housing density, establishing a roadway hierarchy to relieve confusion, and restructuring the overall housing community into smaller definable neighborhoods.

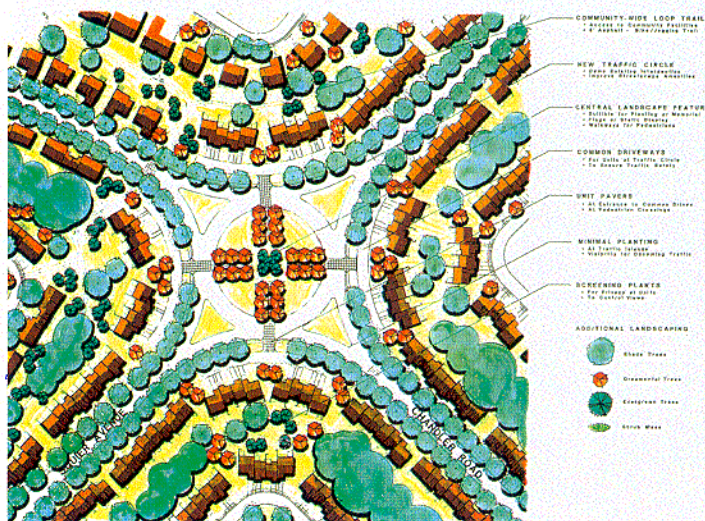
DESIGN: GREENHORNE & O'MARA, INCORPORATED

COMMAND: AIR COMBAT COMMAND

DESIGN AGENT: SAVANNAH DISTRICT US ARMY CORPS OF ENGINEERS

BASE ENGINEER: 4TH CIVIL ENGINEER SQUADRON

CUSTOMER: 4TH FIGHTER WING



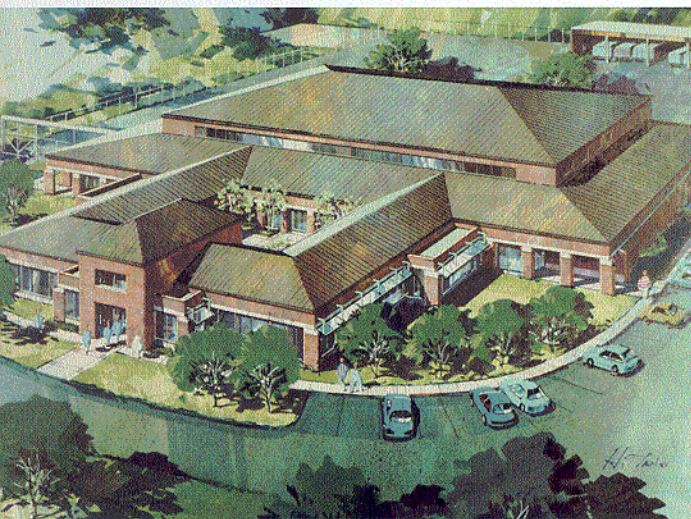
JUROR'S COMMENTS

"A THOROUGH ASSESSMENT OF EXISTING FACILITIES AND AMENITIES. THIS PLAN WILL BE A USEFUL TOOL FOR THOSE RESPONSIBLE FOR UPGRADING AND DEVELOPING HOUSING AT THE BASE."

BASE SUPPLY COMPLEX

LITTLE ROCK AIR FORCE BASE, ARKANSAS

CONCEPT DESIGN



DESIGN: CROMWELL ARCHITECTS ENGINEERS

USING COMMAND: AIR NATIONAL GUARD

HOST COMMAND: AIR COMBAT COMMAND

DESIGN AGENT: US PROPERTY AND FISCAL OFFICE FOR ARKANSAS

BASE ENGINEER: 189TH CIVIL ENGINEER SQUADRON

CUSTOMER: 189TH LOGISTICS SQUADRON

c i t a t i o n a w a r d s

This complex houses base supply activities along with logistics, contracting, transportation, and fuels management functions. Through the use of base standard roofing and exterior brick, the building blends with the base neighborhood utilizing the colors, textures, and forms of the surrounding buildings. The design emphasizes the main entrance by heightening the roof line and extending forward the entrance facade bringing it to prominence. The office and core portions of the plan are organized around an interior courtyard used for assemblies. The courtyard invites outdoor ambiance, natural light, and views to interior spaces.

The use and control of natural lighting is optimized for passive solar benefit and occupant comfort. The warehouse is fitted with clerestory windows for natural light. East and west facing heat-absorbing tinted glass windows are shielded using glass sunshade awnings. Adjustable mini-blinds and deciduous plantings block extremely low sun angles.

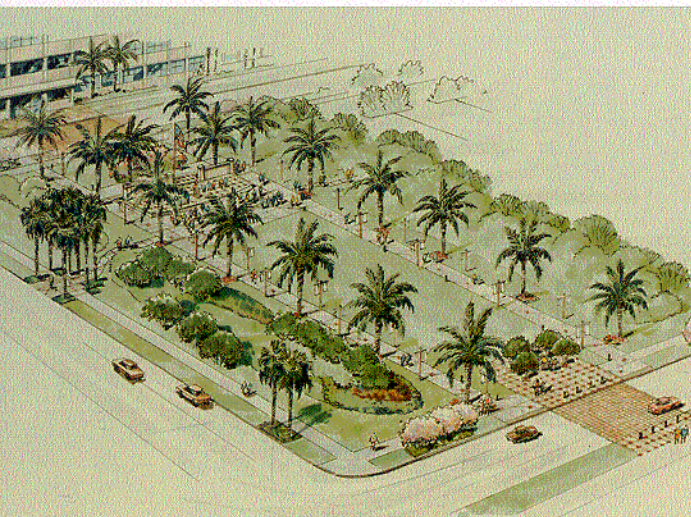
JUROR'S COMMENTS

"EFFICIENT COMPACT PLAN THAT RESPONDS WELL TO SEVERAL DIVERSE AND SPECIFIC FUNCTIONAL REQUIREMENTS. THE PROVISION OF DAYLIGHTING AND SOLAR SHADING VIA CLERESTORY WINDOWS, CENTRAL COURTYARD AND DECIDUOUS LANDSCAPING INCREASE THE QUALITY OF SPACE AND ADD TO LIFE CYCLE ECONOMIC EFFICIENCIES."

MEMORIAL PLAZA

PATRICK AIR FORCE BASE, FLORIDA

CONCEPT DESIGN



Creating a formal exterior space to conduct military ceremonies, celebrating the history of the Air Force and the installation, and providing an inviting common area are the primary goals of this project. A large open turfed area accommodates military formations while an elevated stage across the end establishes the main focal point for the ceremonies. A secondary focal point occurs in a grove of trees at the opposite end forming the axis of the plaza. The grove encompasses a plaque commemorating the 50th anniversary of the Air Force and recognizing the Air Force's Congressional Medal of Honor recipients. The plaza's primary axis and thus the entire orientation of the plaza is aligned with the main entrances to the Wing Headquarters building to the north and the Support Group Headquarters to the south. Careful attention is given to carrying appropriate finish materials and architectural details from both buildings into the plaza, creating an effective link between the indoor and outdoor environments.

DESIGN: BOYLE ENGINEERING CORPORATION

COMMAND: AIR FORCE SPACE COMMAND

BASE ENGINEER: 45H CIVIL ENGINEER SQUADRON

CUSTOMER: 45TH SPACE WING

JUROR'S COMMENTS

"A GOOD CONCEPT FOR INFILL DEVELOPMENT WHICH REFLECTS THE LEVEL OF QUALITY NEEDED FOR HIGH PROFILE OPEN SPACES AT ALL BASES. A NICE BALANCE OF HARDSCAPE/SOFTSCAPE MATERIALS."

CADET DORMITORY FURNITURE

UNITED STATES AIR FORCE ACADEMY, COLORADO **c i t a t i o n a w a r d s**

INTERIOR DESIGN

For many years, United States Air Force Academy Cadets considered it a privilege to be assigned to one of the few dormitory rooms furnished with the original 1950's vintage furniture designed by New York industrial designers Walter Dorwin Teague. These innovative items of furniture complimented the Academy's Modernist/International style architecture, and were extremely functional and durable, having imported aluminum welding technology from the aircraft industry. Unfortunately, with the advent of personal computers the vast majority of the original furnishings were replaced by heavy integrated computer desk, bed and storage units constructed of particle board and simulated wood grain plastic laminate. These units were difficult to move, offered little flexibility in room arrangement, and were hard to maintain. This new furniture design returns to the original design concept while supporting today's technological needs. The design process involved evaluating maintenance requirements, studying Cadet living habits and needs, constructing full-size wood and cardboard mock-ups, securing a qualified manufacturer, receiving input from Cadets who were given prototype furniture for a semester, and making appropriate design modifications before final production. Response from the Cadets has been so positive, that the Academy is pursuing copyright/patent protection for the design and hopes to generate profit for Cadet Non-Appropriated Funds programs from royalties obtained through the sale of the furniture to other institutions.



DESIGN: 34TH LOGISTICS SQUADRON

BASE ENGINEER: 10TH CIVIL ENGINEER GROUP

CUSTOMER: 34TH TRAINING WING

JUROR'S COMMENTS

"DESERVES A COMMENDATION BECAUSE OF THE ENDEAVOR TO RESTORE THE ORIGINAL SKIDMORE, OWINGS AND MERRILL DESIGN AND THE CHALLENGE OF PROCUREMENT."

LIBERTY WING CHAPEL STAINED GLASS WINDOWS

RAF LAKENHEATH, UNITED KINGDOM

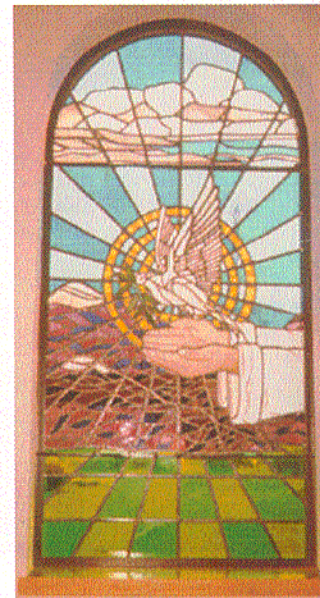
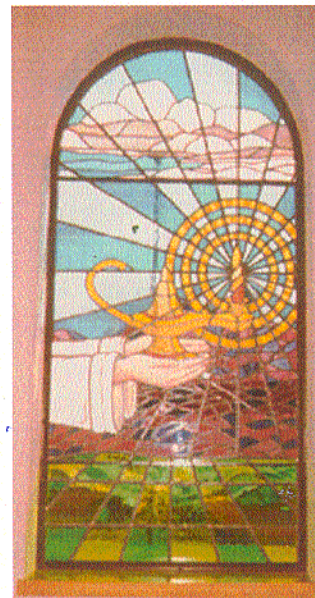
INTERIOR DESIGN

The 48th Fighter Wing's Statue of Liberty designation is unique in the United States Air Force in that it is the only Wing that has been given both a number designation and a descriptive title. These three stained glass window panels in the Wing Chapel are largely the result of volunteer effort of one member of the 48th Civil Engineer Squadron, but also represents the combined input and assistance of the chapel staff and a committee of lay people who worked together to ensure the design "satisfied interfaith requirements while still projecting reverence for God." Intense research went into the meanings and symbology represented by the elements included in the design. The windows effectively integrate engineering design, artistic expression, Wing identity and non-secular religious themes into a unified, functional work of art. This project is exceptional in that professional results were achieved through in-house effort by persons volunteering their time and talents.

DESIGN: 48TH CIVIL ENGINEER SQUADRON

COMMAND: UNITED STATES AIR FORCES EUROPE

CUSTOMER: 48TH FIGHTER WING



JUROR'S COMMENTS

"THE PROJECT IS CITED BECAUSE THE WINDOWS WERE DESIGNED AND CONSTRUCTED BY VOLUNTEERS DURING THEIR FREE TIME, REFLECTING A GREAT SENSE OF GIVING AND AIR FORCE PRIDE."

FITNESS CENTER RENOVATION
MINOT AIR FORCE BASE, NORTH DAKOTA
INTERIOR DESIGN

c i t a t i o n a w a r d s



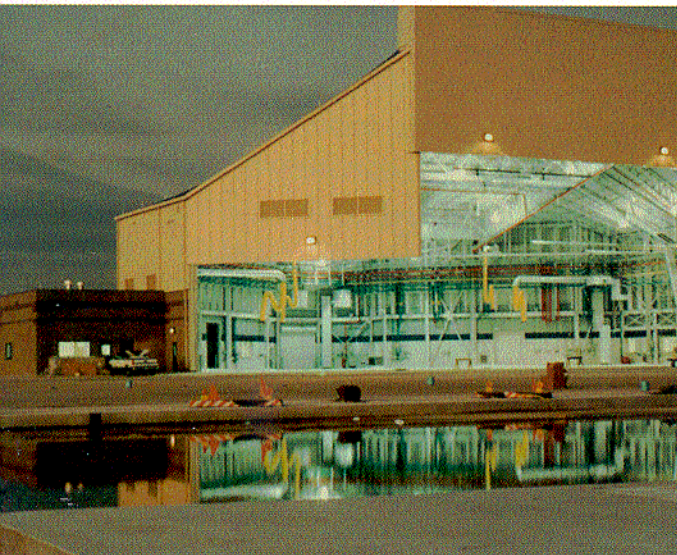
This interior upgrade project unifies the Fitness Center with a common design theme providing minimal upkeep and maximum efficiency. Harmony, rhythm and proportion are intertwined in a subtle, yet effective manner appropriate for the active fitness center environment. The design theme announced to visitors as they enter the building is continued throughout the facility. The dominant theme of fitness, movement and pulsation is reinforced by the visual use of angles, shapes and intense colors. The entry incorporates a mottled cast marble tile floor as a walk-off area for the abundance of salt, snow and rain prevalent to North Dakota. The resulting modern, upscale facility will encourage patronage by base personnel through its exciting, innovative interior design.

DESIGN: AIR COMBAT COMMAND CIVIL ENGINEER SQUADRON
COMMAND: AIR COMBAT COMMAND
BASE ENGINEER: 5TH CIVIL ENGINEER SQUADRON
CUSTOMER: 5TH SERVICES SQUADRON

JUROR'S COMMENTS

"AN AESTHETICALLY PLEASING COSMETIC UPGRADE."

FUEL CELL/CORROSION CONTROL FACILITY
KEY FIELD AIR NATIONAL GUARD BASE, MISSISSIPPI
FACILITY DESIGN



Although initially designed to fully enclose the KC-135 aircraft, this state-of-the-art fuel cell maintenance hangar is expandable to accommodate the larger KC-10 aircraft. The unique roof structure consists of 60 foot steel cantilevers for door support members capable of supporting hurricane uplift forces. This rotated, cantilevered design, coupled with upward acting hangar doors results in very efficient enclosure of the aircraft. With a programmed area limitation of 28,000 square feet, this hangar utilizes only about two thirds of the facility for the hangar bay, leaving the remaining area for use as shop space. A conventional rectangular hangar would require more than 30,000 square feet to house the aircraft alone. This new generation "shaped" hangar represents responsible use of resources and technology required for the 21st century.

DESIGN: O'KON & COMPANY, INC.
USING COMMAND: AIR NATIONAL GUARD
DESIGN AGENT: US PROPERTY AND FISCAL OFFICE FOR MISSISSIPPI
BASE ENGINEER: 186TH CIVIL ENGINEER SQUADRON

JUROR'S COMMENTS

"CREATIVE USE OF COLOR INSIDE AND OUT. VERY EFFICIENT SPATIALLY, PROVIDING OPTIMUM SHELL FOR AIRCRAFT ENCLOSURE. THOUGHTFUL APPLICATION OF DAYLIGHTING WITH CASCADING CLERESTORY WINDOWS."

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AUSTIN/SAN ANTONIO CITY CENTER
INTERIOR DESIGNER

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BLUEPRINTS	ARTPAGE, A FOUNDATION FOR CONTEMPORARY ART SAN ANTONIO

THE CIVIL ENGINEER:

MAJOR GENERAL EUGENE A. LUPIA

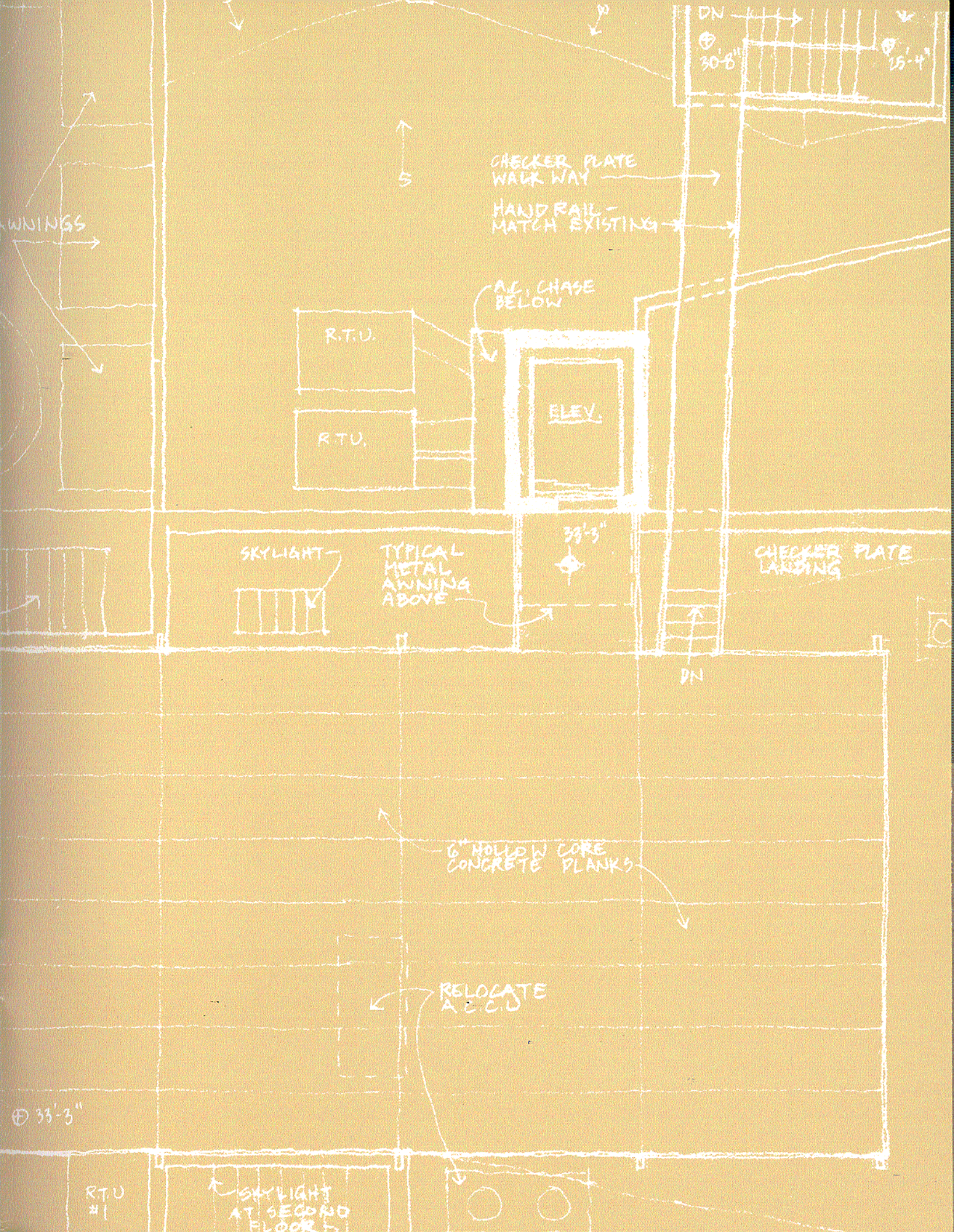
THIS ANNUAL REPORT WAS PREPARED BY
THE DESIGN AND CONSTRUCTION DIRECTORATE OF
THE AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE.

DIRECTOR, AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE:
GARY M. ERICKSON, P.E.

DIRECTOR, DESIGN AND CONSTRUCTION DIRECTORATE:
DONALD L. RITENOUR, AIA

GRAPHIC DESIGN FIRM:
GILES DESIGN

UNITED STATES AIR FORCE DESIGN AWARDS PROGRAM MANAGER AND EDITOR:
DAVID M. DUNCAN, R.A.



PLANTER WITH TREES

EXISTING COURTYARD
BELOW

METAL
BELOW

ONE STORY
HDP" ROOF
BELOW

EXISTING
ROOF ACCESS
LADDER

CU/
TFORM

SKYLIGHT
AT SECOND
FLOOR

BALLASTED
ROOF

ARBOR ABOVE
AT 42'-3"

ING
HOUSE-
ACCESS

SKYLIGHT
AT SECOND
FLOOR

R.T.U.
#2

IN