

FACILITIES STANDARDIZATION PROGRAM



US Army Corps
of Engineers
Omaha District

CHAPEL FAMILY LIFE CENTER

INDEX

DESIGN FILE	DRAWING NO.	SHEET NO.	DESCRIPTION
FSPLCA01.DGN	X	1	INDEX & PROJECT DESCRIPTION
FSPLCA02.DGN	X	2	SITE PLAN & PROJECT DESCRIPTION
FSPLCA03.DGN	X	3	FLOOR PLAN, SCHEME A
FSPLCA04.DGN	X	4	FLOOR PLAN, SCHEME B
FSPLCA05.DGN	X	5	ELEVATIONS AND SECTIONS
FSPLCA06.DGN	X	6	PROJECT DESCRIPTION
FSPLCA07.DGN	X	7	INTERIOR DESIGN FLOOR PLAN - SCHEME A & PROJECT DESCRIPTION
FSPLCA08.DGN	X	8	INTERIOR DESIGN SCHEDULES, SCHEME A
FSPLCA09.DGN	X	9	INTERIOR DESIGN FLOOR PLAN - SCHEME B & PROJECT DESCRIPTION
FSPLCA10.DGN	X	10	INTERIOR DESIGN SCHEDULES, SCHEME B
FSPLCA11.DGN	X	11	PROJECT DESCRIPTION

INTRODUCTION

AT SOME ARMY INSTALLATIONS WITHIN THE UNITED STATES, THERE IS ADEQUATE WORSHIP SPACE BUT INADEQUATE CLASSROOM AND ACTIVITY SPACE. THE PURPOSE OF THIS STANDARDIZED DESIGN IS TO PROVIDE A STAND-ALONE CHAPEL FAMILY LIFE CENTER THAT CAN ACCOMMODATE NEEDED CLASSROOMS, COUNSELING AREAS, ACTIVITY SPACE AND OTHER NECESSARY SHARED USE SPACES. THIS SHARED USE CONCEPT PROVIDES A MEANS BY WHICH THE ARMY CHAPLAINCY CAN SERVICE A BROADER VARIETY OF USERS.

THIS STANDARDIZED DESIGN HAS BEEN PREPARED TO MEET THE CRITERIA ESTABLISHED BY THE OFFICE, CHIEF OF CHAPLAINS, AND PREPARED BY HEADQUARTERS, U.S. ARMY CORPS OF ENGINEERS (HQSACE) FOR A CHAPEL FAMILY LIFE CENTER. THE SIZE AND GENERAL ARRANGEMENT OF SPACES, THEIR RELATIONSHIP TO ONE ANOTHER, AND THE BASIC FORMS OF THE BUILDINGS ARE TO REMAIN CONSTANT DURING FURTHER DEVELOPMENT OF THIS DEFINITIVE.

THE PROGRAM WAS WRITTEN FOLLOWING EXTENSIVE RESEARCH BY THE STANDARDIZATION SUBCOMMITTEE. THIS RESEARCH INCLUDED DISCUSSIONS WITH POTENTIAL USERS AND ON-SITE VISITS TO INSTALLATIONS WITHIN THE UNITED STATES.

A LARGE AND SMALL SCHEME ARE DESCRIBED WITHIN THIS DOCUMENT. BOTH SCHEMES HAVE BEEN DEVELOPED SO THAT AN APPROPRIATELY SIZED UNIT CAN BE SELECTED FOR EACH INSTALLATION. THIS FURTHER ENHANCES THE FLEXIBILITY OF THE CONCEPT AND ALLOWS FOR A PRUDENT DISTRIBUTION OF CONSTRUCTION FUNDS. THE DECISION TO USE EITHER SCHEME A OR B SHALL BE BASED ON THE AUTHORIZED RELIGIOUS EDUCATION SQUARE FOOTAGE CRITERIA AS DEFINED BY THE OFFICE OF THE CHIEF OF ENGINEERS.

MATERIAL SELECTIONS, DETAILS, MECHANICAL SYSTEMS AND STRUCTURAL DESIGN WILL VARY IN RESPONSE TO LOCAL AND GEOGRAPHIC CONSIDERATIONS.

COPIES OF DRAWING PACKAGES AND BROCHURES ARE AVAILABLE FROM THE U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE, ATTN: CEHQD-ED-ES-1, P.O. BOX 1600, HUNTSVILLE AL, 35807-4301 (TELEPHONE: COMMERCIAL (205) 895-1402 OR AUTOVON / DSN 645-5560). THIS DRAWING PACKAGE SUPERSEDES THE COLOR BROCHURE VERSION OF THIS FACILITY TYPE IN THE EVENT OF DISCREPANCIES.

MANDATORY ITEMS TO BE INCLUDED IN THIS FACILITY ARE AS FOLLOWS:

- COMPLETE FACILITY INCLUDING ALL CONFIGURED SPACES AS SHOWN IN THIS DEFINITIVE.
- PARKING LOT, DRIVES, SIDEWALKS, LANDSCAPE AND BIKE PARKING FOR THE FACILITY DESIGNED TO ACCOMMODATE THE SPECIFIC SITE AND USER GROUP.
- FOLLOWING THE "PACKAGE" OF GOVERNMENTAL AND INDUSTRY CRITERIA IN EFFECT AT THE TIME OF THE DESIGN PROCESS FOR THE SPECIFIC PROJECT. SINCE ALL FORMS OF CRITERIA CHANGE REGULARLY, EACH SPECIFIC PROJECT WILL BE PROVIDED WITH GUIDANCE REGARDING CRITERIA THAT IS MANDATORY TO COMPLY WITH. THIS CRITERIA MAY CONSIST OF INSTRUCTIONS, CODES, MANUALS, REGULATIONS, OR OTHER FORMS OF GUIDANCE.

OPTIONAL ITEMS WHICH MAY BE INCLUDED ARE AS FOLLOWS:

- ADDITIONAL PARKING LOT REQUIREMENTS DEPENDING ON EACH INSTALLATION. ARRANGEMENT OF PARKING, DROP-OFFS AND OTHER SITE AMENITIES SHOULD BE MODIFIED IN RESPONSE TO ACTUAL SITE CONDITIONS.
- MECHANICAL ROOM AND MECHANICAL YARDS MAY BE ENLARGED TO ACCOMMODATE EQUIPMENT NECESSARY FOR VARIOUS CLIMATIC REQUIREMENTS.
- FOLDING PARTITIONS MAY BE ADDED BETWEEN SOME OF THE CLASSROOMS TO PROVIDE MORE FLEXIBILITY IN EACH SPACE.
- ONE CLASSROOM IN EACH SCHEME MAY BE UTILIZED FOR STORAGE IF REQUIRED BY THE INSTALLATION.
- A CANOPY EXTENSION MAY BE ADDED TO COVER THE MAIN DROP-OFF.
- SINKS IN CLASSROOMS.

THE BALANCE OF THIS FACILITY WILL BE CONSTRUCTED AS DESIGNED IN THIS DEFINITIVE PACKAGE. IT IS ANTICIPATED THAT SOME ADAPTATIONS MAY NEED TO BE MADE TO ACCOMMODATE VARYING SITE CONDITIONS. IN THESE CASES, AUTHORIZATION MUST BE OBTAINED PRIOR TO SUBMITTING CONSTRUCTION DOCUMENTS FOR REVIEW. IN ADDITION, THE INSTALLATION DESIGN GUIDE SHOULD BE CONSIDERED WHEN ADAPTING THIS DESIGN TO A PARTICULAR LOCATION AND CLIMATE.

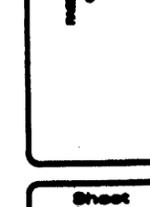
FUNCTIONAL / OPERATIONAL REQUIREMENTS

THE CORE OF THIS BUILDING IS THE ACTIVITY CENTER. THIS HAS BEEN DESIGNED SO THAT IT IS ACCESSIBLE FROM VARIOUS PARTS OF THE BUILDING AS IT MAY BE SHARED BY ALL OF THOSE OCCUPYING THE FACILITY. THE RAISED PLATFORM PROVIDES A NEEDED PERFORMANCE AREA AND CAN PROVIDE STORAGE BELOW FOR CHAIRS AND TABLES. THE ACTIVITY CENTER IS CONSIDERED A HIGH ACTIVITY SPACE WHERE A LARGE VARIETY OF EVENTS CAN TAKE PLACE: GAMES, LECTURES, RELIGIOUS DRAMA, PRESENTATIONS, YOUTH GATHERINGS AND RELIGIOUS FILMS. THE CORRIDOR THAT WRAPS AROUND THE ACTIVITY CENTER WILL PROVIDE AN ACOUSTICAL BARRIER TO THE CLASSROOMS AND OFFICES. THE KITCHEN LOCATED JUST OFF THE ACTIVITY CENTER IS DESIGNED TO PROVIDE EASY ACCESS TO THIS LARGER SPACE.

THE MAIN ENTRANCE TO THE BUILDING IS A PROMINENT AND DISTINCTIVE ELEMENT IN THE EXTERIOR FORM. IT SHOULD EXPRESS AN INVITATION FOR PEOPLE TO COME IN AND SPEND TIME IN THE BUILDING. IMMEDIATELY ADJACENT TO THE MAIN VESTIBULE IS A RECEPTION AREA AND OFFICE CORE. THIS LOCATION ALLOWS THOSE IN CHARGE OF THE FACILITY TO BETTER MONITOR ALL THOSE COMING AND GOING FROM THE BUILDING. THE BALANCE OF THE CLASSROOMS AND OFFICES ARE ARRANGED AROUND THE ACTIVITY CENTER IN CLUSTERS. THIS ALLOWS FOR CLOSE INTERACTION OF SIMILAR ACTIVITIES IN A RATHER DIVERSE YET SHARED USE FACILITY. IN BOTH SCHEMES THE CIRCULATION THROUGH THE BUILDING IS KEPT VERY SIMPLE AND EFFICIENT.

THROUGHOUT THE BUILDING, PROVISIONS ARE TO BE MADE FOR AN INFORMATION MANAGEMENT SYSTEM. THIS MAY CONSIST OF TERMINAL/CONCENTRATOR CABINETS, RACEWAYS, OUTLET BOXES AND DEVICE PLATES. UNDERGROUND ACCESS TO THE INSTALLATION'S INFORMATION MANAGEMENT SYSTEM IS REQUIRED. INFORMATION MANAGEMENT SYSTEM OUTLETS SHALL BE PROVIDED FOR THE ADMINISTRATION WORK STATIONS AND OTHER LOCATIONS DESIGNATED BY THE ACTIVITY. THE LOCATION OF THE CABINET AND OUTLETS FOR THE INFORMATION MANAGEMENT SYSTEMS WILL BE COORDINATED WITH THE LOCAL DIRECTOR OF INFORMATION MANAGEMENT. IT IS POSSIBLE, PARTICULARLY ON THE LARGER FACILITY, THAT ADDITIONAL SPACE MAY NEED TO BE REQUESTED TO MEET THE REQUIREMENTS OF A SPECIFIC PROJECT.

EXCEPT FOR BUILDING EQUIPMENT SPACES AND THE RAISED PLATFORM THE ENTIRE FACILITY MUST BE DESIGNED TO BE FULLY ACCESSIBLE TO THE HANDICAPPED USER FOLLOWING THE CRITERIA PACKAGE PROVIDED FOR THE SPECIFIC PROJECT. OTHER CODES, ORDINANCES AND SAFETY REGULATIONS IN EFFECT AT EACH INSTALLATION MUST ALSO BE FOLLOWED.



Sheet reference number:
1
Sheet 1 of 11