

PROJECT DESCRIPTION CONTINUED FROM SHEET 2

OPTIONAL ITEMS WHICH MAY BE INCLUDED ARE AS FOLLOWS:

- A. DORMERS, SKYLIGHTS OR RECESSED DORMERS MAY BE ADDED TO THE WORSHIP CENTER TO ALLOW FOR ADDITIONAL LIGHT OR VENTILATION.
- B. MECHANICAL ROOM AND MECHANICAL YARDS MAY BE ALTERED TO ACCOMMODATE EQUIPMENT NECESSARY FOR VARIOUS CLIMATIC REQUIREMENTS.
- C. IN APPROPRIATE CLIMATES, THE SCOPE OF THE ENTRANCE COURT MAY BE ENLARGED TO PROVIDE ADDITIONAL GATHERING SPACE.
- D. WHEN REQUIRED AND WHERE SPACE IS AVAILABLE, PARKING MAY BE INCLUDED NEAR THE CHAPEL FACILITY AS SHOWN ON THE SITE PLAN.

THE BALANCE OF THE FACILITY WILL BE CONSTRUCTED AS DESIGNED IN THIS DEFINITIVE PACKAGE. IT IS ANTICIPATED THAT SOME ADAPTATIONS MAY NEED TO BE MADE TO ACCOMMODATE SITE CONSIDERATIONS. 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 TWO SCHEMES SHOWN IN THESE DOCUMENTS ACCOMMODATE A WIDE RANGE OF PERSONNEL. SCHEME "A" WILL ACCOMMODATE 60 SEATS IN THE WORSHIP CENTER WITH A POTENTIAL TO EXPAND TO 75 AND THEN 90 WITH OVERFLOW SEATING IN THE CLASSROOMS. SCHEME "B" WILL SERVE 120 SEATS IN THE WORSHIP CENTER WITH THE POTENTIAL TO EXPAND TO EITHER 135 OR 150 DEPENDING ON THE NUMBER OF CLASSROOMS USED FOR OVERFLOW SEATING. THIS WIDE DEGREE OF FLEXIBILITY ALLOWS FOR A MULTIPLICITY OF USERS. THE SCHEME TO BE USED WILL BE DETERMINED BY THE NUMBER OF PERSONNEL TO BE SERVED.

IN BOTH DESIGNS, THE DOMINANT SPACE OF THE BUILDING IS THE WORSHIP CENTER. THE FLEXIBLE FURNISHINGS ALLOW FOR MANY DIFFERENT PATTERNS TO ACCOMMODATE A VARIETY OF WORSHIP STYLES. ALL FURNISHINGS WILL BE PURCHASED THROUGH NON-MILITARY CONSTRUCTION FUNDS.

CLASSROOMS HAVE BEEN LOCATED ADJACENT TO THE WORSHIP CENTER TO ACT AS OVERFLOW SEATING SPACES. EACH CLASSROOM CAN ACCOMMODATE APPROXIMATELY FIFTEEN ADDITIONAL SEATS. FOLDING PARTITIONS CAN BE DRAWN BETWEEN THE WORSHIP CENTER AND THE CLASSROOMS WHEN THEY ARE NOT REQUIRED. WHILE THE FOLDING, ACCORDION TYPE, PARTITIONS DO NOT HAVE A PARTICULARLY HIGH SOUND TRANSMISSION CLASS (STC) RATING, THEY DO PROVIDE A VISION BLOCK AND CLEARLY DEFINE THE SIZE OF THE CLASSROOM. AN STC RATING OF 45 IS REQUIRED FOR THESE PARTITION.

THE CORE OF THE BUILDING IS MADE UP BY THE GATHERING AREA. ALL SPACES ARE ACCESSIBLE FROM THIS ROOM WHICH PROVIDES THE MAJOR CIRCULATION THROUGHOUT THE BUILDING. THE GATHERING AREA CAN ALSO BE USED AS A RECEPTION AREA, COFFEE AREA, AND WAITING AREA. ADMINISTRATIVE SPACES ARE LOCATED ADJACENT TO THE MAIN ENTRANCE FOR EASY ACCESS BY VISITORS AND THOSE COMING TO SEE THE CHAPLAIN. SINCE A GREAT DEAL OF THE CHAPLAIN'S TIME IS TAKEN UP BY COUNSELING, THESE ROOMS ARE TO BE ACOUSTICALLY SEPARATED. A MINIMUM STC RATING OF 52 IS REQUIRED. THE SMALLER ASSISTANT'S OFFICE IS LOCATED WITH VISUAL CONTACT TO THE MAIN ENTRY DOORS TO MONITOR ALL PERSONNEL ENTERING OR LEAVING THE FACILITY.

A MECHANICAL ROOM, JANITOR CLOSET AND OTHER SUPPORT FACILITIES HAVE BEEN LOCATED FOR EASY ACCESS. THE MECHANICAL SPACE MAY BE ENLARGED WHEN CLIMATIC CONDITIONS REQUIRE ADDITIONAL OR LARGER EQUIPMENT.

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. THE SPECIFIC NEEDS FOR SUPPORT OF THIS FUNCTION CHANGE QUICKLY. THE DESIGNER OF EACH PROJECT MUST ACQUIRE THE SPECIFIC CRITERIA NECESSARY FOR THAT PROJECT. GENERALLY, INFORMATION MANAGEMENT SYSTEM OUTLETS SHALL BE PROVIDED IN THE OFFICES.

THE ENTIRE FACILITY MUST BE DESIGNED TO BE FULLY ACCESSIBLE TO THE HANDICAPPED USER FOLLOWING THE CRITERIA PROVIDED FOR EACH PROJECT. OTHER CODES, ORDINANCES AND SAFETY REGULATIONS IN EFFECT AT EACH INSTALLATION MUST ALSO BE FOLLOWED.

SITE DEVELOPMENT

THE CONCEPT OF THIS DESIGN IS TO ACCOMMODATE A CHAPEL FACILITY ON A VERY LIMITED SITE. FOR EXAMPLE, IN KOREA, WHERE MOUNTAIN TERRACING IS COMMON, THE CHAPELS MAY BE SITED BETWEEN A DRAINAGE DITCH AND THE STEEP SLOPE OF THE MOUNTAIN SIDE. IN OTHER PLACES, THE REMOVAL OF A BARRACKS OR OTHER LONG NARROW BUILDING WOULD ALLOW FOR THE INFILL OF A "SMALL CHAPEL."

THE FLOOR PLAN ALLOWS FOR AN ENTRANCE COURTYARD TO BE DEVELOPED AT ONE END OF THE BUILDING. THIS PROVIDES A SPACE FOR WORSHIPERS TO GATHER BEFORE OR AFTER A SERVICE. THIS ALSO PROVIDES A PLEASANT ENTRY SEQUENCE FOR THOSE ARRIVING AT THE CHAPEL ON THEIR WAY TO WORSHIP. CARE SHOULD BE GIVEN IN THE DESIGN OF THIS EXTERIOR COURTYARD TO PROTECT IT FROM HARSH WINDS, TOO MUCH DIRECT SUNLIGHT, STREET NOISE OR VISUAL DISTRACTIONS. NATURAL LANDSCAPE COMBINED WITH HARD SURFACE PAVING IS ENCOURAGED. BENCHES, LOW GARDEN WALLS AND DECORATIVE LANDSCAPE ARE TO BE INCLUDED IN THE DESIGN AND IN THE CONSTRUCTION BUDGET.

AUTOMOBILE PARKING HAS BEEN CONSIDERED IN THE DEVELOPMENT OF THIS CONCEPTUAL SITE PLAN AND MUST BE INCLUDED WHEN A NEED EXISTS AND AREA ALLOWS; THE ACTUAL PARKING NEEDED SHOULD BE INCLUDED IN THE DESIGN CONCEPT. HANDICAPPED STALLS, RAMPS, SIDEWALKS AND BICYCLE PARKING WILL ALSO NEED TO BE INCLUDED. FOLLOW PROVIDED CRITERIA FOR SPECIFIC REQUIREMENTS ABOUT THE DESIGN OF THESE FEATURES.

AS SITING IS UNKNOWN IN THIS STANDARDIZED CONCEPT, THE BUILDING HAS BEEN DESIGNED SO THAT ORIENTATION CAN BE RELATIVELY FLEXIBLE. HOWEVER, WHEN POSSIBLE, LOCATE THE ENTRANCE DOORS AWAY FROM PREVAILING WINDS TO SAVE ENERGY DURING THE COLDER MONTHS IN NORTHERN CLIMATES. WINDBREAKS, TREES FOR SHADING AND PRESERVATION OF EXISTING LANDSCAPE SHOULD BE CONSIDERED IN SELECTING A SITE AND LOCATION FOR THE BUILDING. PLANTING SHOULD, HOWEVER, BE HELD AWAY FROM ENTRANCES AND WINDOWS TO AVOID A SECURITY PROBLEM.

AS WITH ALL CHAPEL FACILITIES, THE SITE FOR THIS BUILDING SHOULD BE AS ACCESSIBLE AS POSSIBLE. THE BUILDING SHOULD BE VERY VISIBLE FROM ADJACENT AREAS AND THE SITE SHOULD BE APPROPRIATE TO THE BUILDING IN EVERY WAY. CAREFUL CONSIDERATION SHALL ALSO BE GIVEN TO ANTI-TERRORISM MEASURES DURING SITE DESIGN.

THE LEVEL OF THREAT AND SUGGESTED MEASURES OF PROTECTION SHALL BE DEFINED IN THE SPECIFIC CRITERIA PROVIDED FOR EACH PROJECT.

THE DESIGN FOR THE FACILITY IS TO MEET CONSTRUCTION CRITERIA AS PROVIDED FOR EACH PROJECT, AS MOST CRITERIA DOCUMENTS CHANGE OVER TIME. CONSTRUCTION TYPE, SUCH AS TYPE I OR TYPE II AS DEFINED IN THE UNIFORM BUILDING CODE, INTERIOR FINISHES, FLAME-SPREAD AND SMOKE-DEVELOPED RATINGS, ETC. WILL ALL NEED TO BE ACCOMMODATED ACCORDING TO THE SPECIFIC PROJECT CRITERIA.

WHEN APPLYING SPECIFIC CRITERIA, REMEMBER THAT THE INTENDED USE OF THE BUILDING IS FOR THE ASSEMBLY OF MANY DIFFERENT SIZED GROUPS FOR MANY DIFFERENT PURPOSES.

ARCHITECTURAL DESIGN

WORSHIP CENTER

LIKE THE LARGER ARMY CHAPEL, THESE SCHEMES ARE DESIGNED AROUND A SIMPLE FORM. THIS IS A LITURGICALLY NEUTRAL SPACE THAT CAN FOCUS ATTENTION IN MANY DIFFERENT AREAS AND IS NOT REMINISCENT OF ANY ONE PARTICULAR LITURGICAL TRADITION. IT IS ALSO AN EASY FORM TO BUILD USING A VARIETY OF CONSTRUCTION TECHNIQUES. NATURAL LIGHTING CAN BE ADMITTED INTO THIS BUILDING IN MANY WAYS. WINDOWS ARE SHOWN AND ADDITIONAL DORMERS OR SKYLIGHTS MAY BE ADDED DEPENDING ON THE CLIMATIC AND GEOGRAPHIC LOCATION OF THE PROJECT. ALL FURNISHINGS WITHIN THE WORSHIP CENTER ARE MOVEABLE TO ENHANCE THE FLEXIBILITY OF THE SPACE. MOVABLE MODULES MAKE UP THE WORSHIP PLATFORM AND CAN BE ARRANGED IN A VARIETY OF PATTERNS. SEATING WILL BE ACCOMMODATED WITH CHAPEL CHAIRS TO ALLOW FOR A VARIETY OF ARRANGEMENTS BESIDES THE ONE SHOWN IN THESE PLANS. THE USE OF THESE FURNISHINGS ALLOWS FOR A WIDE VARIETY OF SEATING ARRANGEMENTS AND WORSHIP STYLES. NON DIRECTIONAL CARPETING ON THE FLOOR WILL FACILITATE THE USE OF A VARIETY OF SEATING ARRANGEMENTS.

DUE TO THE SMALLER SCALE OF THIS WORSHIP CENTER, A SOUND REINFORCEMENT SYSTEM WILL PROBABLY NOT BE NECESSARY. USING HARD SURFACES ON THE WALLS AND CEILING WILL PROVIDE FOR HIGH QUALITY MUSIC AND SPEECH INTELLIGIBILITY.

ALL FIXTURE AND OTHER LIGHTING DESIGN DECISIONS SHALL BE ACCORDING TO THE LATEST CRITERIA AND APPROPRIATE TO THE FACILITY. LIGHT REFLECTIVITY SHOULD BE CONSIDERED IN THE SELECTION OF COLORS AND TEXTURES FOR THESE SURFACES. VENTILATION CAN BE ACCOMPLISHED THROUGH THE OVERHANG AND/OR DORMERS.

MECHANICAL ROOMS HAVE BEEN DESIGNED TO SUPPLY TEMPERED AIR TO THE ROOM THROUGH THE COVES ALONG THE PERIMETER OF THE SPACE. RETURN AIR WILL BE DRAWN OFF AT POINTS ABOVE THE CLASSROOM OPENINGS.

GLAZING OF THE WINDOWS CAN BE TRANSLUCENT GLASS OR NON-SYMBOLIC STAINED GLASS TO ACCENT THE USE OF THE SPACE. OTHER PORTABLE LITURGICAL SYMBOLS THAT WILL BE USED FOR VARIOUS WORSHIPPING GROUPS WILL BE STORED IN THE SACRISTY OR STORAGE ROOM.

MUSICAL INSTRUMENTATION SHOULD BE INTRODUCED INTO THIS SPACE. A PIANO AND ELECTRONIC ORGAN WITH SELF-CONTAINED SPEAKERS WOULD BEST SERVE THIS FACILITY. CHOIR SEATING MAY BE PART OF THE GATHERED CONGREGATION OR SET APART FROM THE BODY OF THE CONGREGATION.

GATHERING AREA

THE GATHERING AREA MAY BE USED BY THOSE WAITING TO MOVE INTO THE WORSHIP CENTER OR BY WORSHIPERS FOLLOWING A SERVICE. A RAISED CEILING AND SKYLIGHT OR CLERESTORY MAY BE USED IN THE NARTHEX AREA TO PROVIDE NATURAL LIGHT AND MORE VOLUME TO THE SPACE. COAT HANGING HAS BEEN DESIGNED ADJACENT TO THIS SPACE.

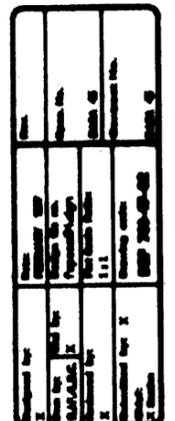
A SMALL COFFEE BAR HAS BEEN INCLUDED TO ENHANCE THE HOSPITALITY SERVICE OF THE CHAPEL. THIS FEATURE SHALL INCLUDE A SINK, REFRIGERATOR (UNDERCOUNTER TYPE IN SCHEME B), BUILT-IN WASTE RECEPTACLE, AND UPPER AND LOWER CABINETS WITH MOVEABLE SHELVES. THE UPPER CABINETS SHALL BE HIGH ENOUGH TO ALLOW FOR LARGE COFFEE POTS ON THE COUNTER BELOW.

THE GATHERING AREA SHALL BE CARPETED TO HELP DAMPEN NOISE FROM THE OTHER SPACES OF THE BUILDING. WALLS SHALL BE COVERED IN DURABLE MATERIALS AS THIS WILL BE A HEAVILY USED SPACE.

THE AIRLOCK VESTIBULE WILL PROVIDE A BUFFER TO THE EXTERIOR. FLOOR MATERIALS IN THE VESTIBULE SHOULD BE HARD, DURABLE AND CLEANABLE SURFACES SUCH AS QUARRY TILE OR VINYL TILE.

ADMINISTRATIVE OFFICES

LOCATED FOR EASY ACCESS FROM THE GATHERING AREA, THE OFFICES ARE ALSO ARRANGED FOR GOOD VISUAL CONTACT TO THE MAIN DOORS OF THE BUILDING FOR SECURITY PURPOSES. THESE SPACES WILL BE USED MORE THAN ANY OTHER ROOM IN THE COMPLEX. EACH OFFICE IS TO BE INDEPENDENTLY LOCKED TO PROVIDE SECURITY OF EQUIPMENT AND CONTENTS. THESE SPACES MAY ON OCCASION BE USED AS CLASSROOMS. ACOUSTICAL PANEL CEILINGS AT 2400 MM.



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