

PROJECT DESCRIPTION CONTINUED FROM SHEET 2

NORMAL ACCESS TO THE BUILDING IS INTENDED TO BE THROUGH THE MAIN ENTRANCE WITH THE MAIN PARKING AREA LOCATED ACCORDINGLY. IF SITE FEATURES FORCE A DIFFERENT ARRANGEMENT, THIS MUST BE TAKEN INTO CONSIDERATION. AT THE SIDE ENTRANCE, SMALL PAVED AREAS ARE INCLUDED TO ALLOW FOR OUTDOOR WORSHIP OR GATHERINGS OF SMALL GROUPS. LARGER GROUPS COULD ALSO GATHER ON THOSE OCCASIONS WHEN THE WEATHER WOULD PERMIT. FUTURE PLAY AREAS MAY NEED TO BE SITED OR SCREENING FROM ADJACENT SITE HAZARDS. ALSO, WHILE THE SERVICE DRIVE ALLOWS FOR MAINTAINING THE BUILDING'S SUPPORT SYSTEMS, IT MAY ALSO BE FORCED TO SERVE A DIFFERENT PURPOSE. THIS WILL REQUIRE CAREFUL HANDLING TO MAKE ALL ACTIVITIES COORDINATE PROPERLY.

SUPPORTIVE LANDSCAPING SHOULD BE DEVELOPED AROUND THE BUILDING, AS MANY OF THE OFFICES AND CLASSROOMS ARE LOCATED ALONG THE EXTERIOR WALLS OF THE BUILDING. GREEN SPACE NEAR THE BUILDING IS AN IMPORTANT CONSIDERATION. ADEQUATE LANDSCAPE IS TO BE PROVIDED FOR OTHER AREAS OF THE SITE AS WELL. LOW MAINTENANCE PLANT MATERIALS THAT ARE INDIGENOUS TO THE REGION ARE TO BE SPECIFIED. ADEQUATE GRADING AND SITE DRAINAGE IS REQUIRED TO AVOID PROBLEMS ASSOCIATED WITH HEAVY RAINFALL OR SNOW MELTING. PLANTINGS SHOULD ALSO BE HELD AWAY FROM ENTRANCES AND WINDOWS TO AVOID POTENTIAL SECURITY PROBLEMS.

AS SITING WILL VARY, THE BUILDING HAS BEEN DESIGNED SO THAT ORIENTATION IS NOT CRITICAL. HOWEVER, WHEN POSSIBLE, LOCATING THE ENTRANCE DOORS AWAY FROM PREVAILING WINDS WILL HELP TO SAVE ENERGY DURING COLDER MONTHS IN NORTHERN CLIMATES. WINDBREAKS, TREES FOR SHADING AND PRESERVATION OF EXISTING LANDSCAPE SHOULD ALL BE CONSIDERED IN SELECTING A SITE, DETERMINING THE LOCATION FOR THE BUILDING AND DESIGNING PARKING AREAS.

THIS FACILITY SHOULD BE SITED IN PROXIMITY TO OTHER SERVICE FACILITIES WHERE A LARGE POPULATION OF USERS WILL WALK OR DRIVE PAST THE FACILITY ON A REGULAR BASIS. THIS COULD BE NEAR AN EXCHANGE, HEADQUARTERS BUILDING OR DINING FACILITIES.

AS IT IS DESIGNED TO BE RATHER INTROSPECTIVE, VISUAL DISTRACTIONS FROM PASSING TRAFFIC WILL NOT LIKELY BE A PROBLEM.

THE DESIGN SHOWN INCORPORATES TYPICAL FEATURES FOR THREAT PROTECTION. THE LEVEL OF THREAT IS TO BE DEFINED BY THE INSTALLATION / MACOM AND IS INCLUDED IN THE PROJECT DESIGN CRITERIA. THIS CRITERIA MUST BE REFERRED TO FOR SPECIFIC DEFINITIONS AND THE SECURITY MEASURES REQUIRED TO RESIST A PRESCRIBED THREAT. IF GREATER LEVELS OF THREAT ARE INDICATED THAN ACCOMMODATED BY THE TYPICAL FEATURES OF THIS DOCUMENT, ADDITIONAL FEATURES CAN BE ADDED.

ARCHITECTURAL DESIGN

WORSHIP CENTER

THE WORSHIP CENTER IS DESIGNED AROUND A SYMMETRICAL FORM SO THE FOCUS OF THE GATHERED COMMUNITY CAN BE VARIED AS DESIRED. NATURAL LIGHT IS ADMITTED THROUGH THE SKYLIGHT AT THE APEX OF THE PYRAMIDAL FORM, AND THE CLERESTORY WINDOWS. ALL SKYLIGHTS SHALL HAVE TINTED OR OTHER SPECIAL GLAZING TO MINIMIZE FADING OF INTERIOR FINISHES AND FURNISHINGS. COLORED OR STAINED GLASS WITHOUT SYMBOLS MAY ALSO BE USED. A SHADING DEVICE SHALL BE PROVIDED TO CONTROL ALL THE NATURAL LIGHT COMING INTO THE WORSHIP CENTER. A VARIETY OF OPTIONS MAY BE CONSIDERED, SUCH AS OPERABLE LOUVERS OR MOVABLE FABRIC PANELS, BUT EACH FEATURE USED MUST BE MAINTAINABLE AND EASY TO OPERATE. ALL GLAZING SHALL BE ACCESSIBLE FOR CLEANING AND THIS MAY REQUIRE PERMANENT CONSTRUCTION FEATURES OR COORDINATION WITH BASE PERSONNEL REGARDING SPECIAL ACCESS EQUIPMENT SUCH AS PORTABLE LIFTS AND SCAFFOLDS. SUCH DEVICES SHALL ALSO BE COORDINATED WITH THE SERVICE NEEDS OF LIGHTING OR EQUIPMENT FEATURES.

FLEXIBLE MODULES FOR THE MOVABLE PLATFORM CAN BE ARRANGED IN A VARIETY OF PATTERNS AND LOCATIONS TO ACCOMMODATE DIFFERENT RELIGIOUS CELEBRATIONS. NOTE THE DETAILS PROVIDED AND THE VARIOUS ARRANGEMENTS SHOWN. THE NUMBER OF MODULES WILL VARY DEPENDING ON THE PROGRAMS ANTICIPATED. WHILE NOT REQUIRED OR NEEDED AT MOST LOCATIONS, SEVERAL SLOPED MODULES SHOULD BE INCLUDED IF HANDICAPPED ACCESSIBILITY TO THE PLATFORM IS SPECIFICALLY DESIRED AT A PARTICULAR LOCATION.

SLIDING RELIGIOUS SYMBOL PANELS WILL CONCEAL A FULL-IMMERSION BAPTISTRY. A RIGID COVER SHALL BE PROVIDED FOR THE TOP OF THE BAPTISTRY TO PROVIDE SUPPORT FOR ADDITIONAL RELIGIOUS ELEMENTS. THIS MUST BE A MANUFACTURER'S STANDARD PRODUCT OR A FULLY DETAILED AND FINISHED SITE BUILT PRODUCT. CARE MUST BE TAKEN TO ENSURE THAT THE COVER IS LIGHT-WEIGHT ENOUGH TO BE EASILY MOVED AROUND (MULTIPLE PIECES ARE ACCEPTABLE) BUT STRONG ENOUGH TO ALLOW A PERSON TO WALK ON IT WITHOUT DAMAGE. THESE ADDITIONAL ELEMENTS CAN BE DISPLAYED WHEN ALL SYMBOL PANELS ARE IN THE OPEN POSITION. FOUR DIFFERENT SYMBOL PANELS SHALL BE USED INCLUDING ONE BLANK OR NEUTRAL PANEL WHICH MERELY MATCHES THE ADJACENT WALLS. SYMBOL PANELS SHALL BE SOLIDLY CONSTRUCTED WITH APPROPRIATE HARDWARE AND PANEL FINISHES TO MATCH ADJACENT WALLS. SYMBOLS SHALL BE OF SOLID CARVED WOOD, METAL, OR OTHER QUALITY MATERIAL. THE OFFICE OF THE CHIEF OF CHAPLAINS SHALL APPROVE ALL DESIGNS AND CONSTRUCTION OF THESE SYMBOLS.

WHILE CEILING FINISH AND TEXTURE MAY VARY, A HIGH DEGREE OF LIGHT AND SOUND REFLECTIVITY WILL BE NECESSARY. A SUSPENDED WOOD CEILING SYSTEM IS THE PREFERRED MATERIAL. FLOORING IN THIS SPACE WILL BE CARPET WITHOUT PADDING AND WILL MATCH THAT OF THE ADJACENT SPACES. CONDITIONED AIR WILL BE SUPPLIED AS SHOWN IN THE ISOMETRIC DRAWING ON SHEET 22 FROM ABOVE THE BAPTISTRY. RETURN GRILLES WILL BE CONCEALED ON TOP OF THE BAPTISTRY OR IN THE CEILING OF THE EXIT PASSAGEWAYS TO EITHER SIDE.

SEATING ARRANGEMENTS

SEATING FOR THE WORSHIP CENTER SHALL BE HIGH QUALITY MOVABLE PEWS OR CHAIRS WHICH WILL ALLOW FOR VARIOUS SEATING ARRANGEMENTS DEPENDING ON THE SIZE OF THE GROUP OR TYPE OF SERVICE. LOCATING THE MOVABLE PLATFORM AGAINST THE WALL COMMON TO THE BAPTISTRY WITH TWO BANKS OF CHAIRS AND A CENTER AISLE IS THE MOST OBVIOUS SOLUTION. THIS ARRANGEMENT PROVIDES SEATING FOR TWO HUNDRED PEOPLE. ANOTHER POSSIBILITY IS TO BRING THE PLATFORM OUT INTO THE MIDDLE OF THE SPACE FOR "IN THE ROUND" SEATING. WITH PROPER SOUND AND LIGHT CONTROL, A WIDE VARIETY OF ARRANGEMENTS ARE POSSIBLE.

WHEN THE MOVABLE WALLS AND FOLDING PARTITIONS ON THE RIGHT SIDE OF THE WORSHIP ROOM ARE OPEN, THREE HUNDRED PEOPLE MAY BE SEATED. WITH THE MOVABLE WALL BETWEEN THE WORSHIP CENTER AND THE ACTIVITY CENTER OPEN, FOUR HUNDRED PEOPLE MAY BE SEATED. IN SCHEME B, UP TO SIX HUNDRED PEOPLE MAY BE SEATED WITH ALL MOVABLE WALLS OPEN.

THE ORGAN CONSOLE, WHILE MOVABLE, IS BEST LOCATED AS SHOWN REGARDLESS OF THE SEATING PATTERN. ORGAN SPEAKERS WILL BE CONCEALED ABOVE THE BAPTISTRY/STORAGE AREA WITH THEIR SOUND REFLECTING OFF THE CEILING PLANE. CHOIR SEATING MAY BE ADDED OR DELETED DEPENDING ON THE SERVICE. A LARGE NUMBER OF VARIATIONS ARE POSSIBLE WITH THIS FLEXIBLE BUILDING PLAN.

LIGHTING AND SOUND REINFORCEMENT

AMBIENT LIGHTING SHALL BE PROVIDED WITH CONCEALED COVE OR OTHER TYPE OF FIXTURES WITH APPROPRIATE CONTROL DEVICES. BALLASTS SHALL BE QUIET TYPE. ACCENT, SPOT, AND OTHER SPECIALTY LIGHTING MAY ALSO BE USED TO SUPPORT THE VARIOUS WORSHIP AND ACTIVITY NEEDS OF THE SPACE AND THE LOCAL CONGREGATIONS. ALL FIXTURE AND OTHER LIGHTING DESIGN DECISIONS MUST BE ACCORDING TO THE LATEST CRITERIA, AND SUCH DECISIONS MUST INCLUDE ACCOMMODATIONS FOR REASONABLY EASY MAINTENANCE, CONTROL AND ADJUSTMENT.

A HIGH QUALITY, LOW-LEVEL DISTRIBUTED LOUDSPEAKER SYSTEM IS MOST APPROPRIATE IN THIS DESIGN TO FACILITATE A RELATIVELY UNIFORM DISTRIBUTION OF SOUND AND TO ACCOMMODATE THE DIVERSITY OF ROOM AND SEATING CONFIGURATIONS CONTEMPLATED. THE SOUND SYSTEM SHALL PROVIDE FOR SEPARATE OPERATION OF THE WORSHIP CENTER AND ACTIVITY CENTER.

IN SCHEME A, RECESSED SPEAKERS SHALL BE USED IN EACH OF THE TWO FLAT CEILING AREAS ON EITHER SIDE OF THE MAIN WORSHIP CENTER. IN SCHEME B, ADDITIONAL SPEAKERS WILL BE REQUIRED IN THE ACTIVITY CENTER. UNIFORMITY OF COVERAGE BETWEEN THE FREQUENCIES OF 100-12,000 HERTZ WILL NEED TO BE $\pm 4db$.

THE FLEXIBILITY OF SEATING ARRANGEMENTS REQUIRES A SPEAKER SELECTOR SWITCH PANEL TO TURN OFF SELECTED SPEAKERS AND MINIMIZE FEEDBACK PROBLEMS. WHEN THE SPACE IS CONFIGURED WITH TWO HUNDRED SEATS OR LESS, LITTLE SOUND REINFORCEMENT MAY BE REQUIRED.

TO PERMIT FREEDOM OF MOVEMENT ON THE PART OF THE CLERGY WITHIN THE WORSHIP CENTER, WIRELESS LAVALIERE AND HAND-HELD MICROPHONES MAY BE USED. THE AMPLIFIER RACK SHOULD BE LOCATED IN THE STORAGE ROOM ADJACENT TO THE BAPTISTRY. SOUND CONTROLS ARE TO BE LOCATED IN THE WORSHIP CENTER NEAR THE NARTHEX ENTRANCE DOORS. SOUND CONTROLS FOR THE ACTIVITY CENTER SHALL BE LOCATED NEAR THE MAIN ENTRANCE OF THE SPACE. IN BOTH CASES, CONTROLS SHOULD BE WALL-MOUNTED AND CONCEALED BEHIND A DOOR WHICH INTEGRATES WITH THE SPACE AESTHETICS.

NARTHEX

THE NARTHEX IS THE MAIN CIRCULATION AND GATHERING PLACE IN THE FACILITY. ACCESS TO ALL MAJOR FUNCTIONS IS THROUGH THIS SPACE. THE AIR LOCK ENTRY PROVIDES A BUFFER ZONE TO THE EXTERIOR. SKYLIGHTS BRING NATURAL LIGHT INTO THE SPACE WHILE ELECTRIC LIGHT FIXTURES PROVIDE THE BALANCE OF THE AMBIENT LIGHT. CEILING HAVE ACOUSTIC TILE, FLOORS ARE CARPETED AND WALLS HAVE VINYL WALLCOVERING. FINISHES AND AESTHETIC TREATMENTS SHOULD ALSO COORDINATE WITH THOSE IN THE WORSHIP CENTER. THE GLASS WALL BETWEEN THE NARTHEX AND WORSHIP CENTER WILL BE GLASS AND WOOD FRAMING TO MATCH THE MOVABLE WALL DESIGN.

ADMINISTRATIVE OFFICES

LOCATED FOR EASY ACCESS, THESE AREAS ARE USED MORE THAN ANY OTHER PART OF THE BUILDING. ACOUSTICAL PANEL CEILINGS WITH RECESSED LIGHT FIXTURES, CONCRETE MASONRY WALLS WITH GYPSUM WALLBOARD/VINYL WALLCOVERING AND CARPETING MAKE UP THE FINISH MATERIALS IN THESE SPACES.

AS THE CHAPLAIN'S OFFICES ARE USED FOR COUNSELING, SOUND PRIVACY IS REQUIRED. A MINIMUM STC RATING OF 52 SHALL BE PROVIDED BETWEEN THE OFFICES. PARTITIONS ARE TO EXTEND TIGHT TO THE UNDERSIDE OF THE STRUCTURAL ROOF DECK TO PROVIDE SOUND ISOLATION.

FOR SECURITY, IT IS IMPORTANT TO PROVIDE A VISION GLASS PANEL EITHER IN THE DOOR OR AS A SIDELIGHT. THE MECHANICAL SYSTEMS FOR THESE SPACES SHALL BE ZONED SEPARATELY FROM THE REST OF THE BUILDING.

ACTIVITY CENTER (SCHEME B)

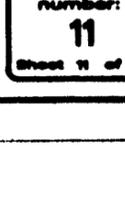
DESIGNED TO BE USED AS AN ACTIVITY SPACE AND FELLOWSHIP ROOM AND TO SERVE AS EXPANSION SEATING FOR THE WORSHIP CENTER, THIS ROOM WILL HAVE MANY USES. THE MAIN ENTRY DOORS ALLOW DIRECT ACCESS IF THE NARTHEX AND WORSHIP CENTER ARE OCCUPIED. THE STORAGE ROOM NEAR THIS SPACE IS FOR CHAIR AND TABLE STORAGE. A LARGE OPENING INTO THE KITCHEN ALLOWS FOR SERVICE FROM THE KITCHEN COUNTER. A SECTION OF THE COUNTER LIFTS UP TO PROVIDE A WALKWAY INTO THE KITCHEN.

THE SPACE IS DESIGNED TO PROVIDE FOR A MULTITUDE OF ACTIVITIES. THE FLOOR SURFACE SHALL BE CARPETED TO MATCH THE WORSHIP CENTER. THE CEILING SYSTEM WILL VARY DEPENDING ON THE STRUCTURE; HOWEVER, IT SHOULD MATCH OR COMPLEMENT THAT IN THE WORSHIP CENTER. SOUND DEADENING MATERIALS SHOULD BE PROVIDED AND INTEGRATED AS NECESSARY TO CONTROL THE ACOUSTICS. THIS MIGHT INCLUDE THE CEILING AND/OR WALL SURFACES. LIGHTING SHOULD BE CAREFULLY CONSIDERED FOR THIS SPACE ALSO. IT MUST INTEGRATE WELL WITH THE LIGHTING PROVIDED IN THE WORSHIP CENTER AND ALSO PROVIDE FOR THE SPECIAL NEEDS OF THE RAISED PLATFORM.

THE RAISED PLATFORM ALLOWS FOR GOOD SIGHT LINES DURING PRESENTATIONS. A CONCEALED PROJECTION SCREEN IS TO BE INCLUDED. STORAGE CLOSETS ARE LOCATED ADJACENT TO THE PLATFORM AND CAN BE USED AS DRESSING AREAS OR WAITING ROOMS FOR PRODUCTIONS.

A KITCHEN FACILITY IS LOCATED ADJACENT TO THE ACTIVITY CENTER IN ORDER TO PROVIDE EASY ACCESS FOR FOOD SERVICE INTO THIS ROOM. RESIDENTIAL TYPE KITCHEN FIXTURES AND EQUIPMENT SHALL BE PROVIDED AND SHALL INCLUDE A TYPICAL RANGE UNIT WITH AN OVEN, TWO REFRIGERATORS, AN AUTOMATIC DISHWASHER AND A DOUBLE SINK WITH A GARBAGE DISPOSAL UNIT. SOME CONGREGATIONS MAY PREFER THAT SOME APPLIANCE PIECES BE OF A COMMERCIAL GRADE FOR HEAVIER DUTY CAPACITY. A PAIR OF DOORS, WHICH OPEN 180 DEGREES INTO THE ACTIVITY CENTER, SHALL CONCEAL THE KITCHEN WHEN NOT IN USE. THE BACK OF THE EXPOSED BASE CABINETS SHALL HAVE APPROPRIATE FINISH. TWO PANTRIES MUST BE PROVIDED, SO THAT ONE MAY BE KOSHER OR SECURABLE FOR OTHER REASONS.

CONTINUED ON SHEET 12



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