



BUILDING DATA

ROOM NUMBER	ROOM NAME	AREA OF ROOM NET (SQ. FT.)
100	ADMINISTRATION	235
101	ISSUE	215
102	OFFICE	158
103	LARGE MULTIPURPOSE	7143
104	STORAGE	634
106	WOMENS TOILET	232
107	MENS TOILET	241
108	SNACK AREA	704
109	KITCHEN	220
110	PANTRY	73
111	SMALL MULTIPURPOSE	929
112	STORAGE	54
113	TEEN LOUNGE	545
114	PROJECT ROOMS	929
115	STORAGE	119
116	JANITORS CLOSET	45
117	LOUNGE	876
118	GAME ROOM	1238
120	STORAGE	139
CIRCULATION		2093
SUBTOTAL		16822
105	MECHANICAL ROOM	656
119	ELECTRICAL ROOM	123
TOTAL NET S.F.		17601
TOTAL GROSS S.F.		19568

NOTES:
 1. PLAN A SERVES A YOUTH POPULATION OF 2401 & OVER.
 2. PLAN A BLEACHER CAPACITY IN THE LARGE MULTIPURPOSE ROOM IS 380 SEATS.

ARCHITECTURAL OBJECTIVES AND REQUIREMENTS

THE DESIGNER WILL ACCOMPLISH THE FINAL DESIGN BY ADAPTING THE APPROPRIATE PROTOTYPE DEFINITIVE DESIGN TO THE SPECIFIC SITE. THE IMAGE PROJECTED BY THE FINAL DESIGN WILL BE ARCHITECTURALLY DISTINGUISHED AND IDENTIFIABLE AS THE YC, YET HARMONIOUS WITH OTHER INSTALLATION STRUCTURES AND FUNCTIONS. THE FINAL DESIGN WILL PROVIDE YOUTH WITH A SENSE OF IDENTITY SEPARATE FROM THE SURROUNDING ACTIVITIES OF THE INSTALLATION. THE DEFINITIVE DESIGN WAS DEVELOPED WITH FLEXIBILITY IN MIND TO PERMIT ITS ADAPTATION TO NUMEROUS CONDITIONS AND DIFFERENT REQUIREMENTS THAT CAN BE ANTICIPATED ON A WORLDWIDE BASIS. THE ARCHITECTURAL STYLES DEPICTED IN THIS DEFINITIVE DESIGN ARE INCLUDED AS EXAMPLES ONLY AND DO NOT PRECLUDE CHOICE OF STYLE BEST SUITED TO THE SPECIFIC LOCATION.

THE SCALE OF THE YC COULD POSSIBLY INTIMIDATE THE YOUTH, ESPECIALLY PREADOLESCENTS, BECAUSE IT WILL LIKELY BE MUCH GREATER THAN THE RESIDENTIAL SCALE WITH WHICH THEY ARE ACCUSTOMED. THEREFORE, THE DESIGN SHOULD EMPHASIZE THE FUNCTIONAL SUB-ELEMENTS RATHER THAN THE FACILITY AS A WHOLE. SCALE MUST BE CAREFULLY CONSIDERED IN DETAILING.

DESIGN THE YC TO SERVE ALL THE ELIGIBLE YOUTH POPULATION, INCLUDING THOSE WITH PHYSICAL AND MENTAL DISABILITIES. THOUGH THEY FREQUENTLY CANNOT PARTICIPATE IN PROGRAMS ORIENTED TO THE GENERAL POPULATION, SPECIAL PROGRAMS WILL BE PROVIDED FOR THEIR NEEDS. THE DESIGN MUST COMPLY WITH THE FEDERAL UNIFORM ACCESSIBILITY STANDARDS.

DESIGN ARCHITECTURAL ELEMENTS IN ACCORDANCE WITH THE CURRENT CRITERIA CONTAINED IN THE DA "ARCHITECTURAL AND ENGINEERING INSTRUCTIONS, DESIGN CRITERIA", THE USACE DESIGN FOA CRITERIA, MACOM CRITERIA AND THE INSTALLATION DESIGN GUIDE (IDG). DESIGN EXTERIOR WALLS TO MINIMIZE MAINTENANCE, REDUCE THE EFFECTS OF VANDALISM AND TO ACCOMMODATE LOCAL BUILDING MATERIALS AND SKILLS. MASONRY AND SIMILAR "HARD SURFACE" WALLS ARE RECOMMENDED. WHEN BRICK IS USED, CONSIDER THE JUMBO SIZE TO REDUCE COST. AVOID THE USE OF WING WALLS TO MINIMIZE COST. "SOFT" WALLS SUCH AS EXTERIOR INSULATION FINISH SYSTEMS (EIFS) MUST BE CAREFULLY EVALUATED BECAUSE THE EXTERIOR WALLS WILL BE SUBJECT TO ABUSE FROM BOUNCING BALLS, BICYCLES, GRAFFITI, CUTTING, PUNCHING, ETC. AS A MINIMUM, EIFS MUST UTILIZE A SECOND LAYER OF REINFORCING MESH AROUND ALL DOOR AND WINDOW OPENINGS AND EXTEND A MINIMUM 8" A.F.F. ON EXTERIOR WALLS. THE MINIMUM COMBINED WEIGHT OF THE TWO LAYERS OF MESH MUST BE 20 OUNCES PER SQUARE YARD. DO NOT ENCRoACH ON THE 5'-0" DIMENSION BETWEEN THE BASKETBALL END COURT LINE AND FACE OF THE WALL WITH PILASTERS OR OTHER STRUCTURAL ELEMENTS. IN THE LARGE MULTIPURPOSE ROOM, ROOFS WITH A MINIMUM OF 1-1/2:12 SLOPE ARE RECOMMENDED EXCEPT IN DRIER CLIMATES, WHERE PRACTICAL, USE STRUCTURAL STANDING SEAM ROOFING INSTEAD OF STANDARD METAL ROOFING TO MINIMIZE COST. INSTALL GUTTERS AND DOWNSPOUTS.

INTERIOR WALL SURFACES WILL GENERALLY BE PAINTED MASONRY SURFACES, EXCEPT IN THE SUPERVISION & ADMINISTRATION (S&A) MODULE WHICH MAY UTILIZE PAINTED GYPSUM BOARD OR VINYL WALL COVERING. INTERIOR WALLS MAY ALSO USE STRIP BLOCK, BRICK FACE BRICK VENEER, CARPET OR OTHER MAINTENANCE DURABLE MATERIAL. DO NOT USE VINYL WALL COVERING, PAINTED GYPSUM BOARD, OR WOOD PANELING OUTSIDE THE S&A MODULE. WALLS OUTSIDE THE S&A MODULE MUST WITHSTAND HEAVY WEAR AND PROBABLE ABUSE. INTERIOR DOORS AND FRAMES WILL GENERALLY BE METAL TYPE WITH VISION PANELS. FULL GLASS DOORS CONFORMING TO FIRE CODE REQUIREMENTS ARE RECOMMENDED WHERE THEY PROMOTE VISUAL CONTROL FROM THE S&A MODULE. INCLUDE SMALL VISION PANELS IN STORAGE ROOMS, AND JANITOR'S CLOSET DOORS FOR OBSERVATION TO PREVENT CHILD ABUSE. EXCEPT FOR THE LARGE MULTIPURPOSE ROOM, GAME ROOM AND SMALL MULTIPURPOSE ROOM, CEILINGS WILL BE 8'-0" TO 9'-0" HIGH. THE CEILING FOR THE LARGE MULTIPURPOSE ROOM WILL BE A MINIMUM OF 20'-0" CLEAR IN PLAN D AND 24'-0" CLEAR IN PLANS A, B & C. PROVIDE A 12' 0" CEILING HEIGHT IN THE GAME ROOM AND SMALL MULTIPURPOSE ROOM. GENERALLY UTILIZE ACOUSTICAL TILE FOR CEILINGS EXCEPT IN TOILETS AND SHOWERS WHERE PAINTED GYPSUM BOARD IS RECOMMENDED. EVALUATE LOCAL CLIMATE CONDITIONS TO DETERMINE IF A GYPSUM BOARD CEILING OR FIBERGLASS ACOUSTICAL TILE THROUGHOUT MAY BE PREFERABLE TO STANDARD ACOUSTICAL TILE IN HUMID CLIMATES. GENERALLY USE SHEET VINYL OR VINYL COMPOSITION TILE FLOORING WITH 4" RUBBER OR VINYL COVE BASE. QUARRY TILE, CERAMIC PAVERS OR CERAMIC TILE MAY BE USED IN VESTIBULES, CORRIDORS AND OTHER HIGH TRAFFIC AREAS. DO NOT USE CARPET OUTSIDE THE S&A MODULE EXCEPT AS NOTED BELOW. PROVIDE MINIBLINDS OR DRAPES FOR ALL EXTERIOR WINDOWS AND FOR INTERIOR GLASS WALLS AT THE DIRECTOR'S OFFICE. ALL DOORS, EXCEPT FOR TOILETS, WILL BE LOCKABLE UNLESS OTHERWISE SPECIFIED BY THE USER. ALL LOCKS TO BE OPERABLE FROM THE OUTSIDE BY KEY.

COLOR SHOULD BE USED TO STIMULATE HUMAN PHYSICAL AND EMOTIONAL REACTIONS AND TO ENHANCE THE OVERALL FUNCTIONALITY OF THE BUILDING. IN CRITICAL SEEING AREAS, CLARE AND GREAT BRIGHTNESS DIFFERENCES, BOTH IN LIGHTING SYSTEM AND IN THE COLOR OF WALLS, FLOORS, FURNISHINGS AND EQUIPMENT, SHOULD BE AVOIDED. CONSIDER ALLOWING THE YOUTH TO PARTICIPATE IN THE SELECTION OF COLORS AND CREATION OF GRAPHICS FOR ENHANCEMENT OF WALLS.

PROVIDE INTERIOR SIGNAGE FOR ROOM IDENTIFICATION AND DIRECTIONAL NEEDS. SIGNAGE DESIGN AND MOUNTING METHOD MUST BE RESISTIVE TO VANDALISM, BUT BE FLEXIBLE ENOUGH TO ENABLE THE ADDITION OR DELETION OF INFORMATION. COORDINATE DETAIL NEEDS OF THE USING SERVICE AT THE LOCAL LEVEL.

DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS

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DEPARTMENT OF THE ARMY
FACILITIES STANDARDIZATION PROGRAM
DEFINITIVE DESIGN

YOUTH CENTER
STANDARD DEFINITIVE DESIGNS
FLOOR PLAN A

Scale: AS SHOWN
 Date: JANUARY 1989

Sheet: 4 OF 11

FLOOR PLAN A - MAIN YC



THIS DRAWING HAS BEEN REDUCED TO ONE-HALF THE ORIGINAL SCALE