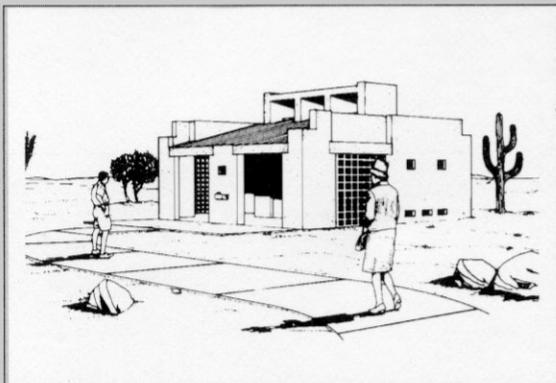


DEPARTMENT OF THE ARMY



STANDARD DESIGNS FOR RECREATIONAL STRUCTURES

JANUARY 1991



US Army
Corps of
Engineers

Introduction

SITE DESIGN

Each of the four climatic regions requires very specific architectural and site responses. The natural conditions pose varying opportunities and constraints in each region. A site analysis will indicate the best location and orientation of the building as it relates to the environment.

The optimum building location and orientation will vary from site to site, depending on climatic features, functional requirements, and architectural needs. In selecting a site, a number of factors should be considered. Sunlight, breezes, and topography can be utilized to produce natural heating and cooling effects. The existing vegetation can be utilized to provide shade, control sound, screen undesirable views, control erosion, and provide aesthetic interest. When the existing vegetation is properly utilized and preserved, the need for additional planting will be reduced.

Other programmatic elements should respond to specific site conditions. Vehicular and pedestrian circulation should be routed to minimize impact on existing vegetation and landforms. Where practical, pedestrian paths should have indigenous natural surfaces and parking areas should be paved to eliminate dust. Roads and walkways are to provide links between facilities, and must always provide access for the handicapped.



HANDICAP ACCESS

All building designs, with the exception of the Control Stations, will be handicapped accessible in accordance with mandated Federal Regulations. This has been provided in every case by handicapped accessible stalls and a single, unisex toilet room. Control Stations will be adapted to handicapped use if a Recreation Facility has a handicapped employee.

REQUIREMENTS/OPTIONS

The floor plan layouts: dimensions, fixture requirements, and construction systems found on pages 35 - 41 are mandatory.

Optional features are indicated throughout this brochure with the use of this symbol: ●.

When local site context and constraints make it necessary, modifications and improvements to mandatory features are permitted.

