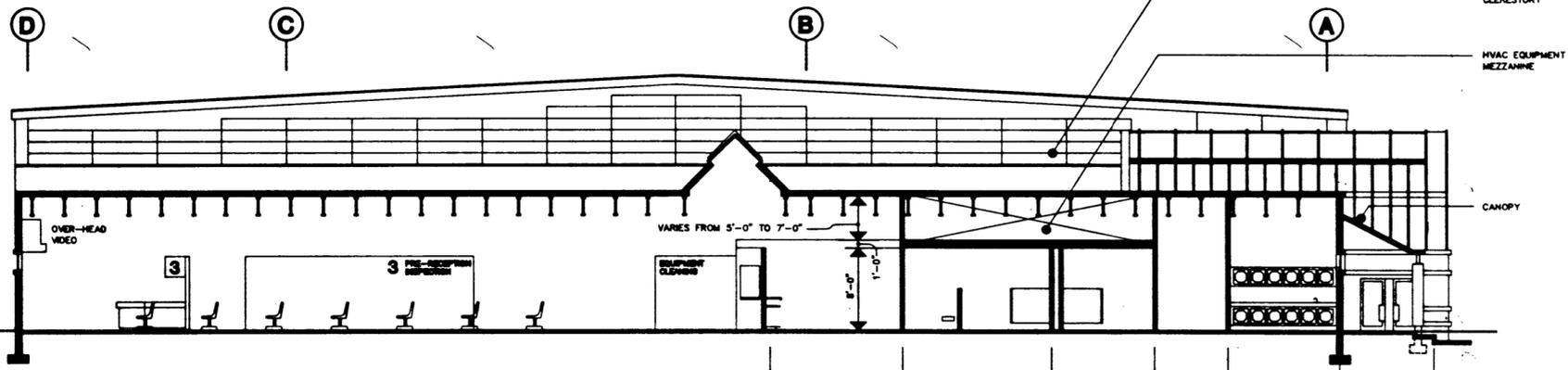
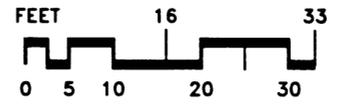
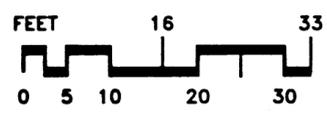


FLOOR PLAN - SHIPPING / RECEIVING



**BUILDING SECTION -- B
(CIF - LARGE)**



ARCHITECTURAL DESIGN OBJECTIVES (continued)

The architectural theme utilized for the definitive design is derived from the layout and function of the building and its operational requirements. The highly functional characteristics of the Central Issue Facility dictates the building size and configuration. The final design should develop the buildings' appearance to express a feeling of order, strength, and simplicity. Particular attention should be paid to the building's exterior treatment and the final design should complement other facilities located nearby. This may be accomplished through selection of materials, colors, decorative banding, or differing treatments for the clerestory portions of the facilities and signage. It is recognized that most of the Army installations will have their own guidelines as to the character of the design and the solution presented herein is to be considered as a guide. The definitive has taken a warehouse type structure and given it some personality without exceeding the limits of good common design and budget considerations. For instance, the two (2) different roof levels have been blended together utilizing the two (2) primary entrance/exit vestibules as the design interface. The result is a building that has an aesthetic and pleasing appearance with a human scale. The addition of the translucent clerestory panels at the upper portion of the warehouse walls aids in softening the visual impact created by the wall height, and also provides a beneficial amount of natural daylight to the interior.

Interior treatment, colors and materials that are light, bright, and have low maintenance characteristics should be selected. Wall facings, especially in the warehouse area, should be of sound, durable, and damage resistant material to withstand the type of treatment normally expected.

With the natural lighting that will be available from the clerestory windows, the generally darkened warehouse will become a more pleasant place in which to work. Additional natural daylight may also be obtained by the installation of smoke/heat vents having translucent panels. Caution in use of all translucent skylights and wall panels should be exercised to assure that no damage comes to the stored products from the effects of ultra-violet rays. If this is a concern, the translucent panels should be ultra-violet resistant and provide ultra-violet screening.

The type of construction that is depicted in this brochure is steel frame with precast insulated concrete wall panels. There are many other type of construction that would be suitable for this facility, and the selection should be made at the time of final design taking into consideration the locale, available materials, cost, and specific installation guidelines. Exterior doors and windows should be insulated, and canopies provided at dock, ramp, and access doors. Dock levelers and dock seals should be provided at dock doors.

Use of multiple or split level roof heights requires that the designer pay particular attention to resolving potential deflection snow loading and leakage problems.

The roof membrane shall be selected for longevity, low maintenance, and watertight qualities. External roof drainage is anticipated for this building; however, internal roof drains may be substituted where local conditions are favorable. Collection and retention of roof drainage and rain water run off shall be addressed at final design.

The interior, like the exterior, of the Central Issue Facility shall be provided with a system of clearly visible and easily identifiable signage and building graphics enabling rapid identification. The signage shall be readily visible. A color coding system is highly recommended.

REVISIONS				
SYMBOL	ZONE	DESCRIPTION	DATE	BY

ORR
OPERATIONAL READINESS

U.S. ARMY
ENGINEER DISTRICT, SEATTLE
CORPS OF ENGINEERS
SEATTLE, WASHINGTON

Department of the Army
Facility Standardization Program

CENTRAL ISSUE FACILITY
DEFINITIVE DESIGN

US Army Troop Support Agency

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