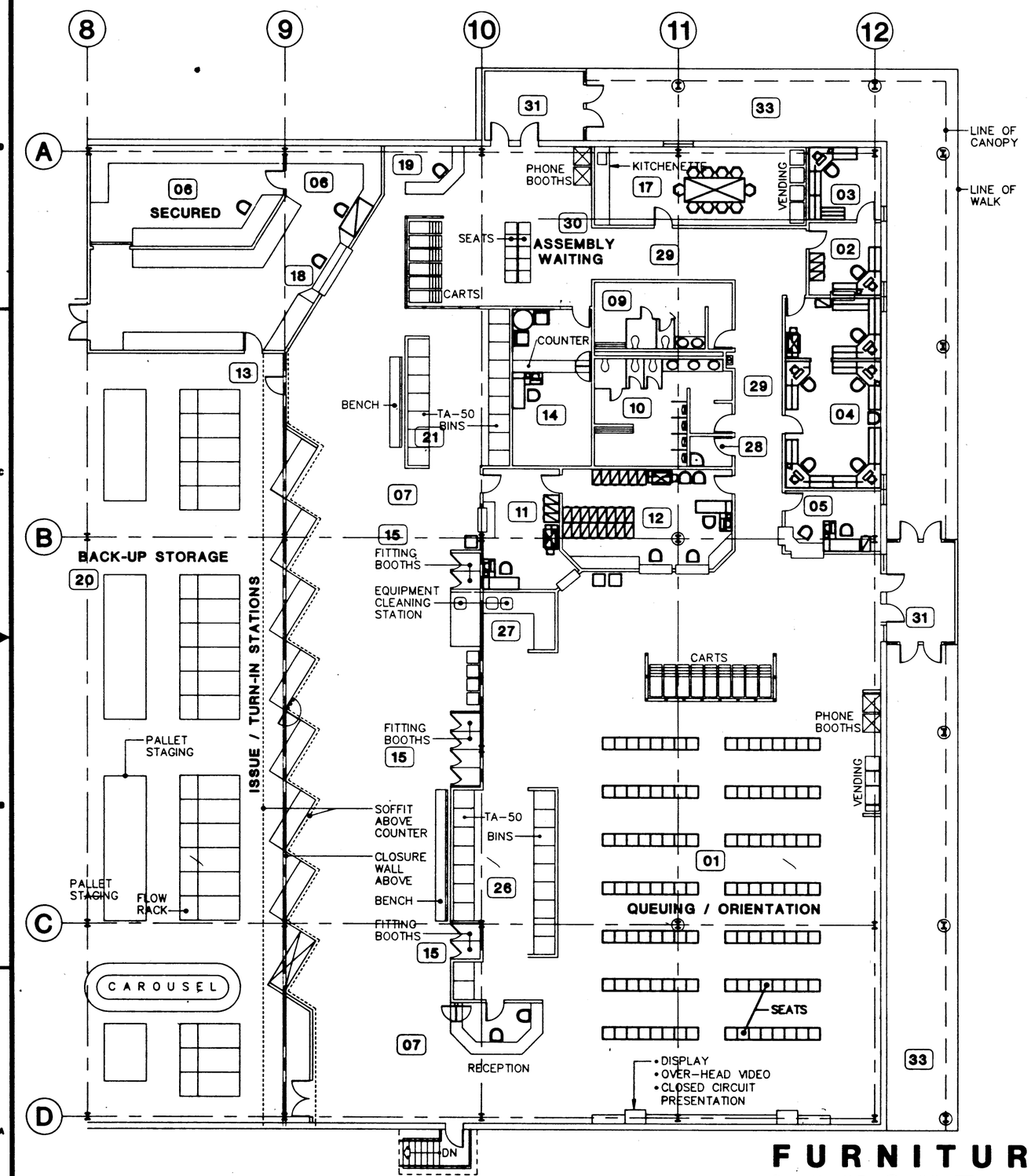

FURNITURE / EQUIPMENT LAYOUT

CENTRAL ISSUE FACILITY - (CIF)
DEFINITIVE DESIGN - - LARGE

LEGEND

00 INDICATES ROOM NUMBER LISTED BELOW

ROOM NUMBER	DESCRIPTION
01	QUEUING / ORIENTATION
02	PROPERTY BOOK OFFICER
03	CIF MANAGER
04	PROPERTY SECTION
05	CUSTOMER ASSISTANCE
06	SPECIAL ISSUE
07	ISSUE/TURN-IN AISLE
08 •	HVAC MEZZANINE
09	FEMALE TOILETS
10	MALE TOILETS
11	CASHIER
12	RECORDS HOLDING AREA
13	BX AREA
14	QUICK-FIX AREA
15	FITTING BOOTHS
16 •	WAREHOUSE SUPERVISOR
17	EMPLOYEE BREAK ROOM
18	SPECIAL MOS TURN-IN
19	FINAL OUT PROCESSING
20	BACK-UP STORAGE
21	EQUIPMENT VERIFICATION
22 •	WAREHOUSE AREA (INCL. ISSUE/ TURN-IN STATIONS AND DX)
23 •	CLASSIFICATION AREA
24 •	REPAIR AREA
25 •	MHE AREA/SHIPPING & RECEIVING
26	PRE-RECEPTION INSPECTION
27	EQUIPMENT CLEANING AREA
28	UTILITY
29	CORRIDOR CIRCULATION
30	FINAL OUT ASSEMBLY/WAITING AREA
31	ENTRY / EXIT VESTIBULES
32 •	SECURED RECORD STORAGE
33	COVERED WALKS/CANOPY

NOTE:
• REFER TO PLATES NO. 3, 10, AND 11 FOR THESE ROOMS

WORKSTATIONS

DESK

TABLES AND CHAIRS

FILING CABINET

BOOK CASE

COPYING MACHINE

SEATS

FUNCTIONAL/OPERATIONAL REQUIREMENTS (continued)

The primary activity of the Central Issue Facility is the issuing and turning in of Organizational Clothing and Individual Equipment (OCIE). Much thought was given to develop an efficient and effective method for accomplishing this task. Differing service line customer flow techniques were studied directly in the field during the investigative phase of the Project. When all factors had been analyzed, the "Single Service Line," as presented herein, proved to have the most merit and was utilized as the basis for the definitive design of the facility. The goals and objectives addressed by the definitive for the Service Line include:

- o Simplification of flow patterns
- o Reduction in the pre-line waiting time
- o Minimization of the in-line waiting time
- o Reduction in rejection rates of turn-in items reaching a turn-in station
- o Convenient accommodation of customers for correction of minor cleaning problems while in the turn-in line
- o Concurrent issue and turn-in facilities
- o Accelerated accommodation of return customers with short list requirements
- o Increased and improved graphic orientation and communications at various stations
- o Provision of appropriate maneuvering areas
- o Reduction of line flow blockage
- o Provision for physical display of items stocked at each station
- o Improvement of the visual and physical environment of lines for both customer and employee

The intent of the "Single Service Line" approach, as developed for this facility, is to provide appropriate and efficient service to the customer at:

- o Reduced capital cost
- o Reduced operating cost
- o Reduced building area requirements, and
- o Reduced staffing costs

Projected staffing loads for operation of this facility are as follows:

- o Small 8 to 10 personnel
- o Medium 15 to 20 personnel
- o Large 34 to 40 personnel

In summary, the functional and operational requirements of the Central Issue Facility require that the design be based on the characteristics of the material being handled and stored (shape, environment, stackability, etc), the volume and flow pattern through the facility (transaction and cube movement rates), and the inventory pattern (item count, item cube, quantity mix and turnover patterns). These factors are a function of the installation's mission and can change with time and conditions. Therefore, the design is based upon common denominator criteria with built-in flexibility to accommodate conditions of material mix, movement, mission configuration, and level of activity.

ARCHITECTURAL DESIGN OBJECTIVES

UNIFORM BUILDING CODE (UBC) CLASSIFICATION:
This standard Central Issue Facility is to be a group "B" Occupancy, Division 2, per UBC, for storage of combustible goods. The Construction Type shall be II-N, Noncombustible Construction.

UNIFORM FIRE PROTECTION ASSOCIATION (UFPA) CLASSIFICATION:
This standard facility is classified as storing class VI commodities and must comply with NFPA 101 and 231.

The Central Issue Facility has been developed to service the Army's requirements for the issuance and turn-in of Organizational Clothing and Individual Equipment (OCIE) for bases ranging in troop level from as few as 2,000 to as many as 40,000 troops or more. The basic facility has been developed in three sizes; Small, Medium, and Large, and can either be developed as a stand alone facility or be integrated in to a Standard General Purpose Warehouse; both types of installations are as portrayed in this definitive package.

REVISIONS

SYMBOL	ZONE	DESCRIPTION	DATE	BY

THE ORB ORGANIZATION

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

TSA

SIZE	ENGINEER NO.	FILE NO.	DATE	PLATE
	DACA67-80 -C-0024	441-11-81 442-18-81	OCT 30, 1981	5
SCAL	SCAL		SHEET 5 OF 13	