****
USACE / NAVFAC / AFCEC / NASA **UFGS-12 55 00 (April 2006)**

Preparing Activity: NAVFAC **Replacing without change**
UFGS-11195 (September 1999)

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated January 2021
****

SECTION TABLE OF CONTENTS

DIVISION 12 - FURNISHINGS

SECTION 12 55 00

DETENTION FURNITURE AND ACCESSORIES

04/06

PART 1 GENERAL

1.1 REFERENCES
1.2 SUBMITTALS
1.3 DELIVERY, STORAGE, AND HANDLING

PART 2 PRODUCTS

2.1 MATERIAL
2.2 MIRRORS
2.3 PASS WINDOW
2.4 GRAB BARS
2.5 PISTOL LOCKER UNITS
2.6 SAFETY CLOTHES HOOKS
2.7 BUNKS
2.8 SEATS
2.9 KEY CABINET
2.10 DINING TABLE

PART 3 EXECUTION

3.1 INSTALLATION
3.1.1 Mirrors
3.1.2 Grab Bars
3.2 ADJUSTMENT

-- End of Section Table of Contents --

****

USACE / NAVFAC / AFCEC / NASA | **UFGS-12 55 00 (April 2006)**

Preparing Activity: NAVFAC | **Replacing without change UFGS-11195 (September 1999)**

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated January 2021

****

SECTION 12 55 00

DETENTION FURNITURE AND ACCESSORIES
04/06

****

NOTE: This guide specification covers the requirements for detention furniture, and accessories for use in brigs and detention facilities.

Adhere to UFC 1-300-02 Unified Facilities Guide Specifications (UFGS) Format Standard when editing this guide specification or preparing new project specification sections. Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable item(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

Comments, suggestions and recommended changes for this guide specification are welcome and should be submitted as a Criteria Change Request (CCR).

****

****

NOTE: The following information shall be shown on the project drawings:

1. Show details on drawings and coordinate with specification.

2. Locations of each piece of furniture and accessory.

****

PART 1 GENERAL

1.1 REFERENCES

****

NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in

the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a Reference Identifier (RID) outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

****

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM INTERNATIONAL (ASTM)

ASTM A36/A36M	(2019) Standard Specification for Carbon Structural Steel

1.2 SUBMITTALS

****

NOTE: Review Submittal Description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list, and corresponding submittal items in the text, to reflect only the submittals required for the project. The Guide Specification technical editors have classified those items that require Government approval, due to their complexity or criticality, with a "G". Generally, other submittal items can be reviewed by the Contractor's Quality Control System. Only add a "G" to an item if the submittal is sufficiently important or complex in context of the project.

For Army projects, fill in the empty brackets following the "G" classification, with a code of up to three characters to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

The "S" classification indicates submittals required as proof of compliance for sustainability Guiding Principles Validation or Third Party Certification and as described in Section 01 33 00 SUBMITTAL PROCEDURES.

Choose the first bracketed item for Navy, Air Force, and NASA projects, or choose the second bracketed item for Army projects.
****

Government approval is required for submittals with a "G" or "S" classification. Submittals not having a "G" or "S" classification are [for Contractor Quality Control approval.][for information only. When used, a code following the "G" classification identifies the office that will review the submittal for the Government.] Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Mirrors

Pass window

Grab bars

Pistol locker

Safety clothes hooks

Key cabinet

Bunks

Dining table

Seats

Include details of frames, conditions of openings, details of construction, location and installation requirements of hardware and reinforcements, and details of joints and connections showing sizes and locations of welds. Indicate fabrication, erection, anchorage, and accessories.

1.3 DELIVERY, STORAGE, AND HANDLING

Deliver furniture and accessories in packaging to provide protection during transit and job storage. Leave in unopened original containers, clearly labeled for location of installation.

PART 2 PRODUCTS

2.1 MATERIAL

Steel plate, ASTM A36/A36M.

2.2 MIRRORS

a. Mirror shall be 0.8 mm 0.031 inches thick sheet steel, highly polished and bright chrome plated.

b. Frame shall be 16 gage cold-finished steel with 8 mm 5/16 inch inner and outer flanges.

c. Mirror size shall be approximately 200 by 250 mm 8 by 10 inches with overall size of approximately 250 by 290 mm 10 by 11 1/2 inches.

d. Provide one framed mirror over lavatory in each prisoner housing area.

2.3 PASS WINDOW

Window shall consist of a pass drawer below a speaker panel with a security glazing panel above. The glazing panel shall be the same type as the adjacent glazing. The pass drawer shall be 100 mm 4 inches deep, 400 mm 16 inches wide, and 300 mm 12 inches long and roll horizontally with an interlocking hinged cover on both sides. The speaker panel shall be constructed of perforated metal (T-304 stainless steel), 16 gage, 5 mm 3/16 inch perforated holes, rectangular in shape the full width of the panel, with 14 gage baffles to prevent direct line of sight from one side to the other. This unit shall be integrated into the hollow metal of the adjacent unit.

2.4 GRAB BARS

Provide as specified in Section 10 28 13 TOILET ACCESSORIES, and in lengths and configurations indicated.

2.5 PISTOL LOCKER UNITS

Outer shell and compartment doors shall be 5 mm 3/16 inch steel with continuous hinges. Hinged tilt-out compartments shall be approximately 350 mm wide by 90 mm deep by 150 mm 14 inches wide by 3 1/2 inches deep by 6 inches high lined with moth-proofed felt and locked with an individually keyed snaplock. Entire unit shall be coated with one shop coat of primer. Unit shall be designed for recessed installation in masonry. Units shall have nine compartments. Locate units as indicated.

2.6 SAFETY CLOTHES HOOKS

Provide 6 mm 1/4 inch steel hook and a 10 gage steel bracket safety clothes hook designed to collapse under a heavy load. Provide an adjustable friction device that permits variation of factory setting with use of a simple spanner tool. Finish shall be cadmium plate. Provide 6 mm, 5 by 25 mm 1/4 inch, 20 by 1 inch flat head spanner machine screws to fit widely spaced holes designed to resist abuse.

2.7 BUNKS

Cell bunks shall consist of a bed frame measuring 1980 mm long by 750 mm 78 inches long by 30 inches wide with front and back composed of an angle measuring 50 by 50 by 6 mm 2 by 2 inches by 1/4 inch and ends of frame formed by wall brackets made of 20 gage steel sheet flanged 50 mm 2 inches at wall and lower edge. Back angle shall be kept 50 mm 2 inches from wall. Bottom of bunk shall be made of not lighter than 16 gage steel sheet with round or square holes with rounded corners, spaced as standard with the manufacturer. Join the entire assembly by electrical welding; welds shall be of deep penetration, continuous, and ground smooth. Prime bunks with one shop coat of primer. Bunks shall be wall and floor mounted.

2.8 SEATS

Seats shall be designed for wall mounting to masonry walls with 6 mm 1/4 inch diameter by 500 mm 20 inch long spanner head screws in lead anchor.

Seat size shall be approximately 300 mm 12 incheswide by 450 mm 18 inches deep; made of 5 mm 3/16 inch steel with 40 mm 1 1/2 inch flange for wall mounting. Seat shall have one shop coat of primer paint. Provide in locations and quantity indicated.

2.9 KEY CABINET

****

NOTE: Verify location of duplicate cabinet with the Chief of Naval Personnel, PERS-84.

****

Provide for detention lock keys with a capacity of 1.75 times the number of door locks and a complete dual-tag system. Cabinet shall have concealed-type hinges and rounded sides and panels with individual hook and label pockets formed as an integral part of the panel. Provide tags of two types, one set for permanent holding of at least four keys. Provide indexing to record information concerning locks and keys, alphabetically; hook, numerically; and master key. Furnish permanent loan registry to protect identity of key borrowers. Furnish receipt tabs to protect identity of key borrowers and supply receipt tabs for temporary loan. Provide one cabinet in the main control center, and one duplicate cabinet in the Station Security Office and one duplicate cabinet in the Commanding Officer Office.

2.10 DINING TABLE

Provide table designed for institutional use that permits seating in groups of four. Table top shall be formed of not lighter than 10 gage stainless steel, reinforced with steel plate. Corners shall be cut at a 45 degree angle. Top, seat, and leg supports shall be heavy wall square steel tubing. Seats shall be 300 mm 12 inch diameter made of high strength not lighter than 16 gage stainless steel. Table with seats shall be one piece, welded assembly, with welds neatly finished. Assembly framing shall be painted, except for stainless steel, with one shop coat of primer. Table top shall be not less than 900 mm 36 inches in the least dimension. Provide in locations and quantity indicated.

PART 3 EXECUTION

3.1 INSTALLATION

3.1.1 Mirrors

Mount 1600 mm 64 inches up to center line, and anchor with 6 mm 1/4 inch flat head spanner screw in lead masonry anchors.

3.1.2 Grab Bars

Install with 6 mm, 50 mm 1/4 inch, 2 inch long flat head screws in masonry anchors. Provide a minimum of three fasteners per flange.

3.2 ADJUSTMENT

Adjust items and components of items specified in this section to ensure proper operation.

-- End of Section --