



10155

Toilet Compartments

This document provides design standards only, and is not intended for use, in whole or in part, as a specification. Do not copy this information verbatim in specifications or in notes on drawings. Refer questions and comments regarding the content and use of this document to the Yale University Project Manager.

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A. Summary

This section contains general design criteria for toilet enclosures, urinal screens, and shower stall doors.

B. Submittals

Submit product data for each type of product indicated. Include construction details, material descriptions, dimensions of individual components, and profiles and finishes.

C. Manufacturers

Subject to compliance with the design requirements, provide products by Santana Products, Inc. or an approved equivalent.

D. Materials

Provide door, panel, and pilaster in solid, high-density polyethylene (HDPE) panel material, not less than 1" thick, with eased edges and with homogenous color and pattern throughout the thickness of the material.

1. Provide full-height (continuous) type aluminum brackets.
2. Provide extruded-aluminum strips fastened to the exposed bottom edges of the components to prevent burning.
3. Provide overhead cross bracing for ceiling-hung units fabricated from solid polymer.



E. Fabrication

1. Provide the manufacturer's standard ceiling-hung units with corrosion-resistant anchoring assemblies complete with threaded rods, lock washers, and leveling adjustment nuts at pilasters for connection to structural support above the finished ceiling. Provide assemblies that support pilasters from the structure without transmitting the load to the finished ceiling. Provide sleeves (caps) at the pilaster tops to conceal anchorage.
2. Provide in-swinging, 24" wide doors for standard toilet compartments and out-swinging, 36" wide doors for accessible compartments.
 - a. Provide self-closing type doors that can be adjusted to hold them open at any angle up to 90 degrees.
 - b. Provide a latch and keeper designed for emergency access and with a combination rubber-faced door strike and keeper.
 - c. Provide a coat hook with a rubber-tipped bumper, sized to prevent the door from hitting compartment-mounted accessories.
 - d. Provide a door bumper with a rubber-tipped bumper at out-swinging doors.
 - e. Provide a door pull at out-swinging doors that complies with accessibility requirements. Provide them on both sides of the door at accessible compartments.

F. Accessories or Special Features

1. Provide the manufacturer's standard design, heavy-duty operating hardware and accessories in a chrome-plated brass finish.
2. Provide the manufacturer's standard exposed fasteners of stainless steel or chrome-plated steel or brass, finished to match hardware with theft-resistant-type heads. Provide hex-type bolts for through-bolt applications. Use hot-dipped, galvanized, or other rust-resistant, protective-coated steel for concealed anchors.

End of Section



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Signage and Graphics Standards

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A. Summary

This section contains general design criteria for signage and graphic standards.

B. System Design and Performance Requirements

See appendix for Yale University standards for directional and door signage shape, type face, layout, and color.

1. Place a building directory near the main entrance of all buildings with public access.
2. Provide directional signage, as necessary, to direct visitors to their ultimate destination.
3. Provide door signage at all doors.
4. Signage must contain brail lettering.
5. Provide signage to the accessible entry.

End of Section



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Fire Protection Specialties

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A. Summary

This section contains general design criteria for fire protection specialties.

B. System Design and Performance Requirements

Place fire extinguisher cabinets in locations that are highly visible and readily accessible, in compliance with local building codes, and as directed by the Fire Marshall. Provide mounting brackets for extinguishers in non-public spaces, such as mechanical rooms, where cabinets are not needed. Fire extinguishers must carry the appropriate Underwriters Laboratory label.

C. Submittals

The contractor must submit product literature and shop drawings that indicate mounting condition and location.

D. Product Standards

Products must conform to applicable local building, fire, and accessibility codes.

E. Manufacturers

Subject to compliance with the design requirements, manufacturers offering products that may be incorporated in the work include, but are not limited to J.L. Industries or an approved equivalent.



F. Materials

1. Provide pressurized, multi-purpose, dry chemical extinguishers, with a 10lb. capacity and a minimum U.L. rating of 4A-60BC. The cylinder must be heavy duty steel, with a red enamel finish.
2. Provide carbon dioxide extinguishers, with a minimum U.L. rating of 10BC. The cylinder must be high-pressure aluminum, with a red enamel finish.
3. Fire extinguisher cabinets must be enameled steel boxes, with trim, frames, doors and accessories. Recessed mounting is preferred unless existing conditions require surface mounting. Trim must be flat at recessed mounting locations. Door and trim materials must be:
 - Enameled steel, baked enamel finish
 - Aluminum, anodized finish
 - Stainless steel, AISI No. 4 bright directional finish
4. Doors must be lockable, with full, glass break type panels.

G. Installation Guidelines

The location and quantity of fire extinguisher cabinets must be in accordance with local building codes and as directed by the Fire Marshall. Cabinets and/or brackets must be plumb and level.

H. Quality Control

Provide fire extinguisher cabinets and accessories by a single manufacturer.

End of Section



10800 Toilet and Bath Accessories

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Change History

Date	Description of Change	Pages / Sections Modified	Change Approver Initials
4/19/13	Add text into list to promote use of air hand dryers in lieu of paper towel dispensers	7 – 10800, E. #1 (Toilet and Bath Accessories; Equipment; Toilet Rooms)	SO

A. Summary

This section contains general design criteria for toilet and bath accessories.

B. Product Standards

Products must conform to the following standards.

- ASTM A167 – Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip
- Local accessibility codes
- Yale accessibility guidelines



C. Manufacturers

Subject to compliance with the design requirements, manufacturers offering products that may be incorporated in the work include, but are not limited to Bobrick Washroom Equipment Inc, or and an approved equivalent.

D. Materials

Toilet and bath materials must be stainless steel, AISI No. 4, with a bright directional polish finish.

E. Equipment

Provide the following equipment for toilet rooms, bathrooms, locker rooms, and janitor's closets. All dispensers must be surface mounted.

1. Toilet Rooms

- Towel dispensers - Paper towel dispensers are not to be installed in new or renovated toilet rooms unless advised by the Yale Project Manager. When approved, install one per every two lavatories, furnished by Yale University, and installed by the contractor
- Air Hand Dryer - Install 1 dryer for up to 3 sinks; 2 for 3 to 6 sinks, etc., to be located at ADA required height. Air hand dryers to be Dyson Airblade Mk 2.
- Waste dispensers.
- Toilet paper dispensers—double roll, one per stall, furnished by Yale University, and installed by the contractor
- Sanitary napkin dispensers—one per women's room, Bobrick B-3502
- Sanitary napkin disposals—one per stall, surface mounted, Waxie or approved equivalent
- Soap dispensers—one per lavatory, furnished by Yale University, and installed by the contractor
- Grab bars—1-1/2" diameter, quantity and arrangement as indicated in the contract documents and per local accessibility codes
- Shelves—welded corners, one per toilet room
- Mirrors



2. Bathrooms

- Toilet paper dispensers—double roll, one per stall, furnished by Yale University, and installed by the contractor
- Grab bars—1-1/2" diameter, quantity and arrangement as indicated in the contract documents and per local accessibility codes
- Shelves—one, with welded corners
- Mirrors
- Towel hooks—two per shower stall
- Soap dishes—one per shower stall

3. Locker Rooms

- Toilet paper dispensers—double roll, one per stall, furnished by Yale University, and installed by the contractor
- Grab bars—1-1/2" diameter, quantity and arrangement as indicated in the contract documents and per local accessibility codes
- Shelves—one, with welded corners
- Mirrors
- Shower curtain rods—one per shower stall
- Shower curtain and hooks—one per shower stall
- Sanitary napkin dispensers—one per women's shower room
- Sanitary napkin disposals—through partition type, one per every two stalls

4. Janitor's Closets

- Janitor's utility units—two per closet
- Shelves—stainless steel, full width of closet

End of Section