

# DIVISION 10 SPECIALTIES

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*Unless stated otherwise, the standards in this Facilities Design Manual (FDM) are directed to the Design Professional to incorporate into the Project.*

*Although the Owner encourages improved concept, method and product recommendations by the Design Professional, deviation from these standards, including product requests for “approved equivalent” status, requires written justification from the Design Professional and written approval from the Owner’s Representative before completion of Design Development Documents.*

*Changes to this Section since the last issuance are indicated with **yellow highlighted text**.*

*Links to Support Documents, external webpages and other FDM sections are shown in underlined text.*

## 10 11 00 VISUAL DISPLAY SURFACES

### A. MARKER BOARDS

1. Specify Claridge porcelain-finished steel marker boards or equivalent product approved by the Owner's Representative.
2. Provide aluminum trim with map rail and clips at top and marker shelf at bottom.
3. Install linear lighting over marker boards.

### B. TACK BOARDS

1. Specify Claridge tack boards or equivalent product approved by the Owner's Representative.
2. Choose durable materials to withstand frequent changes of mounted material.
3. Discuss use of vinyl fabric in corridors and special areas with the Owner's Representative.

## 10 14 00 SIGNAGE

### A. GENERAL

1. Most identifying devices will be supplied by the Owner.
2. Some identifying devices may require installation by the Contractor.
3. Verify with the Owner's Representative.

### B. SIGN STANDARDS – CAMPUS SIGN SYSTEM

#### 1. Interior Signs

- a. Design spaces that can accommodate locations for interior signage as indicated in the Campus Sign System document [found here](#). The Campus Sign System guides the installation, location and aesthetics of the following:
  - 1) Room Identification signage
  - 2) Restroom signage
  - 3) Stair signage
  - 4) Door numbers
  - 5) Building Emergency Plans
  - 6) Electronic signage

## 10 21 13 TOILET COMPARTMENTS

### A. GENERAL

1. Specify minimum 1 inch thick solid high density polyethylene (HDPE) in a medium-to-dark color throughout the product thickness from one of the following manufacturers.
  - a. Accurate (<http://www.accuratepartitions.com/accurate/sp-materials.html>)
  - b. Global (<http://www.globalpartitions.com/polymer-2006.html>)
  - c. Hadrian (<http://www.hadrian-inc.com/products/solidplastic.aspx>)
  - d. Scranton Products (Santana/Comtec/Capitol) ([http://www.scrantonproducts.com/toilet\\_partitions.html](http://www.scrantonproducts.com/toilet_partitions.html))
  - e. Yemm & Hart (<http://www.yemhart.com/partitions/partitions.htm>)
2. Specify minimum 15 year warranty.
3. For accessible toilet compartments and urinals, locate partitions to comply with preferred dimensions specified in the Owner's accessibility reference standard.
  - a. See paragraphs under 02.07B Accessibility Standard in FDM Part 1/[Sec 02 Codes and Regulations.pdf](#).

## **B. CEILING HUNG TOILET PARTITIONS**

1. Specify rigid structural steel framing in Division 05 and locate framing at a height within the range acceptable to the partition manufacturer.
2. Locate blocking in walls to solidly anchor partition system.
3. Specify manufacturer-furnished cross-bracing rigidly attached to pilasters and installed as required by partition manufacturer.
4. Where pilasters are not directly anchored to an adjacent wall, design compartment layout using minimum 8 inch wide pilasters.
5. Lay out toilet compartment clear width no less than 32 inches and door opening clear width no less than 24 inches.
6. Hardware
  - a. Specify continuous brackets instead of stirrup type brackets.
    - 1) Instead of plastic, specify stainless steel where available or specify aluminum.
  - b. Specify surface mounted slide-bolt compartment door latching hardware that engages the strike by at least 3/8 inch.
    - 1) Specify stainless steel where available or specify aluminum.
  - c. Specify stainless steel fasteners.

## **C. WALL MOUNTED URINAL SCREENS**

1. Locate blocking in walls to solidly anchor urinal screens.
2. Specify continuous brackets of stainless steel where available or specify aluminum.
3. Specify stainless steel fasteners.

## **10 21 16 SHOWER COMPARTMENTS**

### **A. GENERAL**

1. Specify minimum 1 inch thick solid high density polyethylene (HDPE) in a medium-to-dark color throughout the product thickness from one of the following manufacturers.
  - a. Global (<http://www.globalpartitions.com/polymer-2006.html>)
  - b. Scranton Products (Santana/Comtec/Capitol) ([http://www.scrantonproducts.com/shower\\_dressing.html](http://www.scrantonproducts.com/shower_dressing.html))
2. Specify minimum 15 year warranty.
3. For accessible shower compartments, locate partitions to comply with preferred dimensions specified in the Owner's accessibility reference standard.
  - a. See paragraphs under 02.07B Accessibility Standard in FDM Part 1/[Sec 02 Codes and Regulations.pdf](#).

### **B. CEILING HUNG SHOWER PARTITIONS**

1. Specify rigid structural steel framing in Division 05 and locate framing at a height within the range acceptable to the partition manufacturer.
2. Locate blocking in walls to solidly anchor partition system.
3. Specify manufacturer-furnished cross-bracing rigidly attached to pilasters and installed as required by partition manufacturer.
4. Where pilasters are not directly anchored to an adjacent wall, design compartment layout using minimum 8 inch wide pilasters.
5. Hardware
  - a. Specify continuous brackets instead of stirrup type brackets.
    - 1) Instead of plastic, specify stainless steel where available or specify aluminum.
  - b. Specify surface mounted slide-bolt compartment door latching hardware that engages the strike by at least 3/8 inch.

- 1) Specify stainless steel where available or specify aluminum.
- c. Specify stainless steel fasteners.

## 10 28 00 TOILET ACCESSORIES

### A. GENERAL

1. Specify wood integral bookshelf and hook strip in public toilets.
  - a. See bottom detail in FDM Part 2/Support Docs for Div 03-13/[Hook Strip Details.pdf](#).
2. Locate accessories to comply with the preferred dimensions specified in the Owner's accessibility reference standard.
  - a. See paragraphs under 02.07B Accessibility Standard in FDM Part 1/[Sec 02 Codes and Regulations.pdf](#).

### B. SOAP DISPENSER

1. Provide space for GOJO NXT MAXIMUM CAPACITY dispenser, 2000mL, black (<http://www.gojo.com/united-states/brands/gojo/product.aspx?dspid={B06BFD5D-63E4-4C92-A243-B54820A22FA2}&disp={0D574EE6-A308-4A2E-9D50-3CCD0E45A69C}>).
  - a. Specify no substitution.
2. Specify furnished by Owner (ISU Central Stores # 31300983/\$0.00) and installed by Contractor.

### C. SHOWER SOAP DISPENSER

1. Provide space for GOJO FMX-12 hair and body foam soap dispenser, dove gray (<http://www.gojo.com/united-states/brands/gojo/product.aspx?dspid={BB36B071-6C22-4676-BCF8-E64245BA5B8C}&disp={0D574EE6-A308-4A2E-9D50-3CCD0E45A69C}>).
  - a. Specify no substitution.
2. Specify furnished by Owner (ISU Central Stores # 31301092/\$0.00) and installed by Contractor.

### D. TOWEL DISPENSER

1. Provide space for Kimberly-Clark 09736 LEV-R-MATIC roll towel dispenser, translucent smoke grey ([http://www.kcprofessional.com/us/product-details.asp?prd\\_id=09736](http://www.kcprofessional.com/us/product-details.asp?prd_id=09736)).
  - a. Specify no substitution.
2. Specify furnished by Owner (ISU Central Stores # 31300517/\$0.00) and installed by Contractor.

### E. TOILET PAPER DISPENSER

1. Provide space for Kimberly-Clark 09551 IN-SIGHT Cored JRT Combo Unit dispenser (2 JRT Junior rolls), smoke/grey ([http://www.kcprofessional.com/us/product-details.asp?prd\\_id=09551](http://www.kcprofessional.com/us/product-details.asp?prd_id=09551)).
  - a. Specify no substitution.
  - b. Where mounting conflicts with a grab bar, mount above grab bar with bottom of dispenser 12 inches clear above grab bar, but no higher than 48 inches above finish floor.
2. Specify furnished by Owner (ISU Central Stores # 31300614/\$0.00) and installed by Contractor.

### F. FEMININE PRODUCT DISPENSER

1. Specify American Specialties, Inc (anASI) 0864-F surface mounted sanitary napkin/tampon dispenser, free no-coin operation (<http://www.americanspecialties.com/datasheets/08641.pdf>).
  - a. Specify no substitution.

### G. VANDAL-RESISTANT HOOK

1. Specify Bobrick B-983 vandal-resistant clothes hook with concealed rear mounting (<http://www.bobrick.com/Bobrick/Default.aspx>); click Washroom Accessories > Hooks/Shelves/Custodial Accessories > B-983 Vandal-Resistant Clothes Hook).
  - a. Specify no substitution.

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- b. Specify hook installed inside and centered on width of toilet compartment door.

#### **H. GRAB BAR**

1. Specify Bobrick B-6806 Series satin finish stainless steel with mounting concealed by snap-on flange and installed with top surface 34 inches above finish floor (<http://www.bobrick.com/Bobrick/Default.aspx>); click Washroom Accessories > Grab Bars > any B-6806 Series product).

#### **I. WASTE RECEPTACLE**

1. Provide space under lavatory counters for 23 Gallon Rubbermaid Slim Jim rectangular waste containers.
  - a. Specify furnished and installed by Owner.
2. See also lavatory countertop requirements in paragraphs under 12 36 00A in FDM Part2/[Div 12 Furnishings](#).

### **10 40 00 SAFETY SPECIALTIES**

#### **A. EMERGENCY KEY CABINET**

1. Specify Knox-Box 3200 with hinged door by the Knox Company with Recessed Mounting Kit for recessed installation in concrete or masonry construction (<http://www.knoxbox.com/store/search-results2.cfm?string=46&start=1&field=category&storeid=1&CFID=1395964&CFTOKEN=93609579>).
  - a. Specify no substitution.
  - b. Select color (black, dark bronze or aluminum) to coordinate with exterior finish of building.
2. Show a fully recessed installation at 6 feet above finished grade adjacent to the fire alarm strobe light.
  - a. Verify location with the Owner's Representative.
3. Specify procurement procedure required by the Contractor as follows.
  - a. Contact the Ames Fire Department to obtain an "Authorization Order Form" signed by an authorized representative of the Ames Fire Department.
  - b. Complete remainder of order and payment information on the form and submit to the Knox Company.

### **10 44 00 FIRE PROTECTION SPECIALTIES**

#### **A. FIRE EXTINGUISHER CABINETS**

1. Specify J. L. Industries Ambassador with glass front (<http://www.activarcpg.com/jl-industries/product/277/ambassador-series---steel-fire-extinguisher-cabinets>) or equivalent product approved by the Owner's Representative.
2. Specify size of cabinets to accommodate extinguishers furnished and installed by the Owner.
3. In some laboratories and in mechanical spaces, only a mounting board with hanging hooks is required instead of cabinets.
  - a. Verify with the Owner's Representative.

### **10 51 00 LOCKERS**

#### **A. GENERAL**

1. When required, specify quantity, type, style, and size.
2. Typically set lockers on a raised concrete base 4 or 6 inches high.

### **END OF DIVISION 10 SPECIALTIES**