

# MIT

# Design Standards

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## **DIVISION 10 — Specialties**

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Department  
of Facilities

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## **1. 101100 - VISUAL DISPLAY SURFACES**

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### **1.1 Project Includes**

Visual display surfaces may include the following:

1. Chalkboards.
2. Tackboards.
3. Writable surfaces.

### **1.2 Products**

Chalkboards:

1. Each classroom or lecture hall shall have two to three sets of vertical sliding, wall mounted chalkboards in accordance with the Classrooms and Lecture Halls Thematic Folder. MIT classrooms use chalkboards only. No whiteboards unless specifically requested.

Tackboards:

1. Materials: Plastic impregnated cork.
2. Operation: Fixed.
3. Trim: One of the following as indicated:
  - a. Wood frame and tray.
  - b. Aluminum frame and tray with clear anodized finish.

Writable Surfaces: Commercial grade, low VOC, IdeaPaint preferred.

## **2. 101400 - SIGNAGE**

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### **2.1 Project Includes**

Signage may include the following:

1. Code required signage.
2. Wayfinding signage.
3. Building directories.

## **2.2 Quality Assurance**

Accessibility Requirements:

1. Americans with Disabilities Act Accessibility Guidelines (ADAAG).
2. Massachusetts Architectural Access Board (MAAB).
3. Local regulations.

## **2.3 Products**

Signage and Graphics: Refer to the thematic folder for Signage.

1. Type: Unframed.
2. Material: Plastic.
3. Copy: Raised lettering.

# **3. 102110 - TOILET COMPARTMENTS**

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## **3.1 Project Includes**

Toilet compartments and urinal screens.

## **3.2 Quality Assurance**

Accessibility Requirements:

1. Americans with Disabilities Act Accessibility Guidelines (ADAAG).
2. Massachusetts Architectural Access Board (MAAB).
3. Local regulations.

## **3.3 Products**

Toilet Compartments: Refer to Thematic Folder T16 - Restrooms and Custodial Closets.

MIT Main Group Buildings Toilet Compartments: Refer to Thematic Folder T16 - Restrooms and Custodial Closets.

# **4. 102210 - WIRE MESH PARTITIONS**

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#### **4.1 Project Includes**

Wire mesh partitions at storage areas.

#### **4.2 Products**

Wire Mesh:

1. Partition Type: Standard duty, 10 gage (0.13 inch) crimped steel wire, 1 1/2 inch diamond mesh.
2. Framing: Cold rolled steel channels.
3. Finish: Galvanized.

Accessories:

1. Hinged door with padlock hasp and hardware.
2. Floor shoes.

## **5. 102219 - DEMOUNTABLE PARTITIONS**

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#### **5.1 Project Includes**

Demountable partitions at interior office walls.

#### **5.2 Products**

Demountable Partitions:

1. Doors: Swinging.
2. Glazing: 5/16 inch laminated glass.
3. Finish: Clear anodized aluminum.

## **6. 102220 - FOLDING PANEL PARTITIONS**

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#### **6.1 Project Includes**

Folding panel partitions with manual operation.

#### **6.2 Quality Assurance**

Accessibility Requirements:

1. Americans with Disabilities Act Accessibility Guidelines (ADAAG).
2. Local regulations.

Fire Performance: to meet Code requirements.

Acoustical Performance: Sound Transmission Class (STC) per ASTM E90.

Field Quality Testing: Acoustical control testing.

### **6.3 Products**

Partition Type: Top-supported steel frame panels.

1. Sound Transmission Class (STC): 50 minutes.
2. Noise Reduction Coefficient (NRC): 65 minutes.
3. Facing: 50 percent whiteboard and 50 percent vinyl-covered tackable surface in finishes selected by the Architect from manufacturers full range.
4. Suspension System: Tracks and carriers.

Accessories:

1. Pocket door and hardware.
2. Acoustical seals.

## **7. 102600 - WALL AND DOOR PROTECTION**

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### **7.1 Project Includes**

Wall and door protection may include the following:

1. Wall bumper rails.
2. Corner guards.

### **7.2 Quality Assurance**

Accessibility Requirements:

1. Americans with Disabilities Act Accessibility Guidelines (ADAAG).
2. Massachusetts Architectural Access Board (MAAB).
3. Local regulations.

Fire Performance: To meet Code requirements.

### **7.3 Products**

Wall Bumper Rails: Construction Specialties, InPro, Boston Bumper or equal.

Corner Guards: Surface mounted, stainless-steel.

## **8. 102800 - TOILET ACCESSORIES**

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### **8.1 Project Includes**

Toilet accessories. Coordinate with Restrooms Thematic Folder as required.

### **8.2 Quality Assurance**

Accessibility Requirements:

1. Americans with Disabilities Act Accessibility Guidelines (ADAAG).
2. Massachusetts Architectural Access Board (MAAB).
3. Local regulations.

### **8.3 Products**

Toilet Accessories: Refer to Thematic Folder T16 - Restrooms and Custodial Closets.

MIT Main Group Buildings Toilet Accessories: Refer to Thematic Folder T16 - Restrooms and Custodial Closets.

## **9. 104400 - FIRE PROTECTION SPECIALTIES**

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### **9.1 Project Includes**

Fire extinguishers and cabinets.

### **9.2 Quality Assurance**

Standards: Underwriters Laboratory (UL) and Factory Mutual (FM) listed products.

### **9.3 Products**

Fire Extinguishers:



1. Type: Multipurpose dry chemical type.
2. Rating: Sized for project requirements.
3. Public Area Mounting: Cabinet mounted.
4. Service Area Mounting: Metal brackets.

Cabinets:

1. Mounting: Recessed.
2. Trim: Trimless with hidden flange.
3. Doors: Stainless steel.
4. Door Style: Duo panel.
5. Accessories: Glass breaker or fire handle.

Stainless Steel Finish: AISI No. 4.

## **10. 105100 - LOCKERS**

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### **10.1 Project Includes**

Lockers may include:

1. Metal lockers.
2. Locker benches.

### **10.2 Products**

Metal Lockers:

1. Tier: Single-tier lockers.
2. Locking: Padlock type.
3. Mounting: Elevated base.

Locker Benches:

1. Type: Maple tops on pedestal bases.

Accessories:

1. Number plates.
2. Filler strips.

## **11. 105500 - POSTAL SPECIALTIES**

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### **11.1 Project Includes**

Mailboxes, USPS-approved types.

### **11.2 Products**

Mailboxes: Aluminum, front loading type.

Accessories:

1. Package lockers.
2. Letter drops.
3. Number plates.
4. Filler strips.
5. Aluminum Finish: Clear anodized.

## **12. 105720 - WIRE CLOSET AND UTILITY SHELVING**

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### **12.1 Project Includes**

Wire closet hanging and shelving system.

### **12.2 Products**

Material: Vinyl clad steel.

Finish: White.

## **13. 107110 - EXTERIOR SUN CONTROL DEVICES**

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### **13.1 Project Includes**

Exterior sunshades.

### **13.2 Products**

Aluminum: ASTM B209 and ASTM B221.

Accessories: Fasteners, anchors and inserts.

Aluminum Finish: AAMA 2605, 3-coat metallic fluoropolymer finish, 70 percent resin.

END OF DOCUMENT