

# **CHAPTER V**

## **TECHNICAL DESIGN & PERFORMANCE STANDARDS**



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## **DIVISION 10 - SPECIALTIES**

### **10270 Computer Access Floor System**

The access floor system shall consist of 24" square steel encapsulated wood core panels that are removable and interchangeable and provide easy access to the plenum area beneath the floor panels.

Raise the system above the sub floor to a height sufficient to allow wiring, bus duct, and adequate air flow to all air outlets. Provide for at least 33% growth. Support the under structure system in such a way as to provide a floor that is rigid, level and free of vibration.

The system shall have electrical continuity between the top of the floor panels and the base plates. The system shall have a Class 1-A fire rating when tested in accordance with ASTM-84-79.

The system shall have available accessories as follows: Cable cut outs with grommets, ramps, steps, hand rails, fascia molding, plenum dividers, cove base, perforated air flow panels with adjustable air flow dampers and panel lifting devices.

### **10271 Window blinds**

The University standard for all window coverings is 1 inch horizontal mini blinds equal to Levelor, Hunter Douglas or Bali. Color: white.

### **10425 Signage**

The architectural construction documents shall incorporate the approved permanent room numbering / system utilized for all interior room identification signs.

All signage shall incorporate the requirements of the Americans with Disabilities Act, including raised lettering and grade 2 Braille.

The University buildings are a smoke free environment. All entrances to buildings shall incorporate 'No Smoking' signage.

Interior signs which must be installed prior to the Certificate of Occupancy include:

- Room Number Signs
- Toilet Room signs.
- Mechanical and Electrical Room signs.
- Stair and Elevator Signs

Note: Temporary signs are not acceptable.

As the signage program is developed consider fabricating the signage in-house. Consult UNC sign shop for present in-stock standard signage systems / styles. Consult the Project Manager for this determination. If signage is performed in-house, include line item in budget. Room numbering is a requirement of the fire alarm system and NFPA. It must be included as a life safety element.

### **10800 Toilet and Bath Accessories**

Feminine Napkin Disposal Unit

Provision of units is not a building requirement. Provide in Ladies' restrooms only, except in residence halls which during summer sessions may be unisex or for the opposite sex. Rubbermaid, white, stock number 6140.

### **Paper Towel Dispenser**

One per 2 wash basins in each restroom. University Standard: Georgia Pacific (formerly Fort James), stock number 58553-00. Jumbo roll paper towels capacity. In Residence Halls, paper towel dispensers are only required in restrooms serving the general public..

### **Waste Receptacle**

Housekeeping Services will supply waste receptacles. They will not be wall mounted nor recessed. They should be separate from paper towel dispenser.

### **Toilet Tissue Dispenser**

One per stall in each restroom; Georgia Pacific (formerly Fort James), stock number 58150, Jumbo roll. Double roll 9" or 10.5".

### **Soap Dispensers (liquid)**

In general, provide one liquid soap dispenser per wash basin. In Residence Halls, soap dispensers are only required in restrooms serving the general public.

University standard soap dispenser, Triad, stock number 9351. Wall mounted soap dispensers are preferred. Dispensers should accept non-cartridge or non-bagged soap.

### **Framed Mirrors**

Mirror shall have one piece roll formed frame, heavy gauge, type 304 stainless steel angle with satin finish. Frame shall have continuous integral stiffener on all sides for added strength. Corners shall be heliarc welded, ground, and polished smooth. Provide No. 1 quality, 1/4" polished plate glass mirror, electrolytically copper plated; guaranteed against silver spoilage for 15 years; with 20 gauge galvanized steel back attached to frame.

### **Toilet Partitions**

Where possible use recycled plastic or stainless steel privacy partitions in restrooms to eliminate graffiti and rust problems.

### **Specialties for Handicapped**

Provide necessary grab bars, mirrors, lavatories, toilet compartments, etc., for handicapped individuals, in accordance with the North Carolina State Building Code.

### **Condom Dispensers**

In every Residence Hall, provide a condom dispenser in each men's restroom designed to serve resident students.



THE UNIVERSITY  
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DEPARTMENT OF FACILITIES PLANNING & CONSTRUCTION