

## **CONSTRUCTION REQUIREMENTS**

Note: The buildings on the UCCS campus are divided into two categories: General Fund and Auxiliaries. General Fund Buildings include academic and administrative functions. Auxiliary buildings include residence halls, athletic, and dining facilities. In some cases, construction standards differ depending on the building category. Confirm building category with Facilities Services Project Manager.

### **Division 10 - Specialties**

- Interior Specialties
- Signage
- Wall Protection
- Folding Panel Partitions
- Toilet Accessories
- Janitor Closet Accessories
- Safety Specialties

### **DIVISION TEN: SPECIALTIES**

#### A. Interior Specialties:

##### a. Lockers:

- i. Provide sloped tops and closed bases on all lockers or mount on raised platform to facilitate cleaning. Review numbering and locking mechanism system with UCCS Project Manager.

#### B. Signage:

##### a. Interior Signage:

- i. Standard room signs are to be APCO Arcadia Series 1000. NO SUBSTITUTION.
- ii. Size: Varies
- iii. Finish: Natural satin holder and caps.
- iv. Mounting: mechanically fastened.
- v. Lens: Upper-Clear lens. Lower-Solid color with tactile ADA compliant room numbers and Braille.
- vi. Inserts: Paper color- To be selected from manufacturers standards.
- vii. Printing: UCCS logo, approved verbiage; Solid plastic divider separates upper and lower lenses.
- viii. Mounting Height: 60" high max to bottom of tactile room numbers. (verify mounting height)

##### b. Dimensional Letter Signage:

- i. Uniform faces, square-cut, smooth edge, precisely-formed lines and profiles.
- ii. Sheet or plate aluminum character material
- iii. Character height should be 8" unless directed otherwise by Architect.
- iv. Thickness is 0.375" or 0.50"
- v. Finish to be clear anodized
- vi. Mounted should be on ½" standoffs and stud mounted to entrance canopies.
- vii. Typeface is Helvetica Neue.
- viii. If located at exterior, finish is site specific.

C. Wall Protection:

a. Corner Guards:

- i. Provide corner guards at corridor, bathrooms (90 and 135 degrees).
- ii. Corner guards to be either extruded plastic, thermoformed plastic or stainless steel.
- iii. Plastic: Koroguard G815 series or equal.
- iv. Height: 4'-0" min. Size: 1 ½" min leg dimension.
- v. Thickness: .078. Secure with adhesive as per manufacturers recommendation. No double stick tape.
- vi. Stainless steel with beveled edges and radius corners.
- vii. Concealed fastening systems only as appropriate for substrate. No exposed screws or fasteners.

b. Chair Rail

- i. Provide in all classrooms; 4" height pre-finished wood material or Korogard product; Beveled top

c. FRP

- i. Provide top, side, bottom trim pieces. Adhere with low VOC product.
- ii. Minimum 25 ft-lbf/in impact resistances.
- iii. Chemical and stain resistance.

d. Crash Rail

- i. Provide continuous snap-on plastic cover installed over concealed retainer system.
- ii. Manufacturers:
  1. Korogard, Model #CH20
  2. Approved equal

D. Folding Panel Partitions

- a. Provide STC rated product no less than 52 with sound baffle at head.
- b. Provide manually operated and individual panels.
- c. Provide ceiling structural support.
- d. Provide engineered shop drawings.

E. Toilet Accessories:

a. Mirrors

- i. Single Lavatory: Mirror shall be a minimum of 24" x 36"
- ii. Two Lavatories: 30" x 36"
- iii. Three or more lavatories: Unframed, gang type mirror, 36" high by length or vanity run or have separate mirrors for each sink.
- iv. Full Length "Wall Mirror": Viewable from wheelchair; in locker rooms only.

b. Shelves

- i. Bookshelf is not required, but if determined to be in project, it should be located in each stall, behind and above each toilet.

- ii. Minimum length: 18". 8" deep.
  - iii. Bookshelf shall be made of stainless steel with stainless steel brackets mounted to wall.
  - iv. Mounting height: 60" AFF (verify mounting height needs to be ADA)
  - v. Install bookshelf in each toilet room near lavatories.
  - vi. Minimum length: 24" with 12" added for each lavatory over one. 12" deep.
  - vii. Shelves must comply with ADA guidelines. Recessed required.
- c. Sanitary napkin disposals:
- i. Provide in wall or between toilet compartments in Women's Rest rooms (Bobrick B-354 or 3544 or approved substitute).
- d. Electric Hand Dryers:
- i. Install electric hand dryers in all multi-stall restrooms and other locations. Coordinate with Electrical.
  - ii. Manufacturers:
    - 1. Dyson Airblade V
    - 2. NO SUBSTITUTIONS
- e. Paper towel dispenser/waste disposal:
- 1. Multi-stall – recess kits required to accommodate OF/OI paper towel dispensers. Contractor to coordinate size of recess kit with project manager. Waste receptacles under countertops with access holes, or show waste receptacle locations where they do not interfere with ADA. Ensure adequate room for multiple, large freestanding waste receptacles in multi-stall restrooms.
  - 2. Single stall – combo paper towel/water receptacle is preferred. See me UCCS for spec.  
In multi-stall locations,
- f. Toilet Paper Dispensers:
- i. Install 4 roll – toilet paper dispensers per each stall in classroom buildings **OFOI – UCCS to provide dimensions**. In handicap stalls, verify that toilet paper holder does not conflict with grab bars or toilet/walker use.
  - ii. Install 3 roll toilet paper dispensers in each non-classroom building toilet stalls **OFOI – UCCS to provide dimensions**. In handicap stalls, verify that toilet paper holder does not conflict with grab bars or toilet/walker use.
- g. Soap Dispensers:
- i. General Fund Buildings - **Waxie Foam Soap System of Denver, Colorado. (no substitutions)** Size: 1250 – ml. Locate on side walls or between mirrors.
  - ii. Auxiliary Buildings - **GOJO CXi Touch Free Counter Mount Dispenser**. One at each lavatory. Or: OF/OI. 1" diameter hole thru counter. Locate on side walls or between mirrors.
- h. Toilet Seat Cover Dispensers: None
- i. Sanitary Napkin Dispensers:

- i. General Fund – None
  - ii. Auxiliary- Bobrick. **No substitutions**
- j. Waste Receptacles: OF/OI, unless these are already provided under section E, e.
- k. Grab Bars: As required by code.
- l. Privacy Partitions:
- i. Provide SOLID PLASTIC (HDPE) toilet enclosures and urinal screens.
  - ii. Toilet enclosures to be wall and floor mounted.
  - iii. Urinal screens to be wall mounted.
  - iv. Refer to Division 6 for wood blocking requirements.

**NOTE: COORDINATE MOUNTING HEIGHTS WITH TILE WAINSCOTS TO ENSURE THAT ACCESSORIES ARE EITHER ENTIRELY ON OR ENTIRELY OFF THE TILE.**

**F. Janitor Closet Accessories:**

- 1. Shelves:
  - a. Provide stainless steel shelf.
- 2. Mop Holder:
  - a. Provide stainless steel mop holder.

**G. Safety Specialties:**

- 1. Fire Extinguisher Cabinets
  - a. Pre-installation conference with UCCS Project Manager.
  - b. Provide semi-recessed or recessed cabinets – coordinate with design team for all locations. Surface mounted cabinets discouraged.
  - c. Details: Aluminum cabinet, solid door with clear acrylic glazing, aluminum trim and door material, vertical red lettering, rolled edge (if semi-recessed), outside trim dimension (27-1/2" height x 13" width).