

PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DIVISION 10 – SPECIALTIES

Housing and Dining Facilities (HDS) has adopted amendments for all HDS facilities. Confirm applicable standards with Project Representative on a per Project basis. Refer to HDS amendments here – <https://housing.colostate.edu/about/construction/>.

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10 11 00 – VISUAL DISPLAY UNITS

A. Markerboards:

1. All classrooms shall have white markerboards with warranty against ghosting.
 - a. Whiteboards shall be warrantied against ghosting or a glass board with white backing shall be used.
2. Provide lockable wall cabinet for erasers, markers and cleaning supplies.
3. Wall with markerboard shall be finished with epoxy paint for increased durability.

B. Visual Display Cabinets:

1. Wherever possible, visual display cabinets shall be recessed in the wall rather than projecting.
 - a. This will allow floor-scrubbing machines to pass by easily.

10 14 00 – SIGNAGE

A. General Information:

1. All building signs shall meet all campus requirements and be approved by Facilities Management (FM) through the Project Representative in writing prior to installation.
2. All graphics shall be included within the Construction Agreement unless otherwise specified by the Project Representative.
 - a. Graphic Standards are available through the Project Representative.
3. The Colorado State University (CSU) name, the CSU logo, trademark typeface and other images are protected by federal trademark law.
 - a. All Vendors and Contractors producing signs, banners and other items which have the CSU name, logo and image must be licensed with the Collegiate Licensing Company.
 - b. This requirement applies to all products, regardless if destined for external commercial use or internal use by the University or its employees.
 - c. For more information on licensing, refer to: <https://brand.colostate.edu/>
4. Refer to Chapter 05 – Signage and Graphics for more details regarding signage.

B. Interior Signs:

1. Signs shall be made of black plastic with raised white characters, unless specific signage types require different colors, including but not limited to all restroom signage.
 - a. Refer to CSU Facilities Planning, Design and Construction Standards – Additional Documents.
 - b. Signs shall be appropriately sized for the intended purpose.
2. Font shall be sans serif. CSU standard font is Swiss 721 unless specific signage types require different fonts.

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- a. Refer to CSU Facilities Planning, Design and Construction Standards – Additional Documents.
3. Where braille is required, grade 2 braille characters shall be used.
4. Room Number Signs:
 - a. Room numbers shall be assigned by FM through the Project Representative.
 - i. The Project Team shall request numbering of rooms during the Design Development Phase.
 - b. Room number signs shall be 2" x 4".
 - c. Alpha and numeric raised characters shall be 7/8" high with a 60% height to width ratio.
 - d. The center lines of the characters shall be 1" from the top.
 - e. Grade 2 braille characters shall be included and they shall be centered 1 1/2" from the top.
 - f. Refer to CSU Facilities Planning, Design and Construction Standards – Additional Documents.
5. Installation of all interior signs that include visual characters, raised characters, and/or braille shall comply with the current Office of the State Architect (OSA) adopted editions of the International Building Code (IBC) and the International Code Council (ICC) A117.1 Accessible and Usable Building and Facilities.
6. Refer to CSU Facilities Planning, Design and Construction Standards - Additional Documents for select room-specific identification signage.

10 21 13 – TOILET COMPARTMENTS

- A. Ceiling and wall hung partitions are preferred.
- B. Partitions shall be designed to be self-bracing or anchored to a braced stainless-steel tube cantilevered from structure above.
 1. If necessary, the least number of floor-mounted stanchions needed to assure stability shall be used, when approved by the Project Representative.
- C. Solid polymer partition panels with full depth material color are preferred over metal.
- D. Wall mounts, fasteners, hinges, latches and hooks shall be stainless steel.
 1. Continuous wall mounts that extend above tile wainscot shall be shimmed full-width with solid white acrylic or nylon material.
- E. If floor stanchions are used, all trim, anchors, angles and fasteners shall be stainless steel.

10 28 00 – TOILET, BATH AND LAUNDRY ACCESSORIES

- A. Product Supply and Installation:
 1. Owner Provided, Contractor Installed:
 - a. Toilet Paper Holder:
 - i. Baywest 884 Silhouette Wagon Wheel 4-Roll Tissue Dispenser
 - b. Paper Towel Dispenser:
 - i. Tork Mechanical Hand Towel Roll Dispenser Article 772828
 - c. Soap Dispenser:
 - i. Affinity by Hillyard Manual Dispenser in Black HIL22281

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2. Contractor Provided, Contractor Installed:

- a. Sanitary Napkin Receptacles:
 - i. Rubbermaid Item #3U933 in White Mfr. Model #FG614000WHT
 - ii. Shall be provided in each stall of all Women's Restrooms and in All Gender Restrooms.

B. Water Closet Seats:

1. When Commuter Shower facilities are located in restrooms, water closet seats shall be of the "soft close" type or shall be provided with bumpers made of solid, non-absorbent material.
 - a. Refer to Chapter 06 – Requirement by Space Type and Use for more information.

C. Trash and Compost Receptacles:

1. Trash and compost receptacles shall be free-standing and sized to contain a full day volume.
 - a. Recessed receptacles shall not be used.
2. Restroom Configurations:
 - a. All Gender Restrooms:
 - i. Trash:
 - a) Rubbermaid Wastebasket Medium 28-Qt Black SKU: FG295600BLA
 - ii. Compost:
 - a) Rubbermaid Wastebasket Medium 28-Qt Brown SKU: 2018376
 - b. Multi-Stall Restrooms:
 - i. Trash:
 - a) Rubbermaid Untouchable 35-GAL Ware Beige SKU: FG395800BEIG and Untouchable 35 GAL Square Swing Lid Beige SKU: FG266400BEIG
 - ii. Compost:
 - a) Rubbermaid Wastebasket Medium 28 QT Black SKU: FG295600BLA

C. Mirrors:

1. Over Counter or Lavatory Mirrors:
 - a. Over Counter or Lavatory Mirrors shall meet the following minimum requirements:
 - i. Frame:
 - a) Stainless Steel with polished finish
 - ii. Size:
 - a) Minimum of 24" x 36"
 - iii. Thickness:
 - a) Minimum of 1/4"
 - iv. Glass type:
 - a) Polished Plate Mirror or Select Float Glass
 - b) Glass shall be tempered with safety backing.
 - v. Mounting Type:
 - a) Concealed wall hangers with upper and lower support members to keep mirror flush to wall
 - b. Mirrors shall be mounted flush to the wall.
2. Full Length Mirrors:
 - a. All restrooms shall be provided with a minimum of one full length mirror.
 - b. Full Length Mirrors shall meet the following minimum requirements:
 - i. Frame:
 - a) Stainless Steel with polished finish
 - ii. Size:

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- a) Minimum dimensions of 30" x 72" mounted a maximum of 6" above the finished floor
- iii. Thickness:
 - a) Minimum of 1/4"
- iv. Glass type:
 - a) Polished Plate Mirror or Select Float Glass
 - b) Glass shall be tempered with safety backing.
- v. Mounting Type:
 - a) Concealed wall hangers with upper and lower support members to keep mirror flush to wall
- c. Locate mirrors in a manner that maintains privacy of all occupants.
- d. Provide wheelchair clear floor space directly in front of mirrors without obstructions.

10 43 00 – EMERGENCY AID SPECIALTIES

A. Automated Electronic Defibrillators (AED):

1. AED coordination shall be done through the Project Representative in conjunction with Risk Management and Insurance (RMI) as needed.
2. AED Standard Unit:
 - a. LIFEPAK CR2 Semi-Automatic AED – Item Code 99512-001262- AED Authority
3. AED Standard Cabinet:
 - a. Semi-Recessed Wall Cabinets are preferred.
 - b. JL Industries LifeStart AED Cabinet
 - i. Small Surface Mount Wall Cabinet with Alarm:
 - a) 1463F12-782
 - ii. Semi-Recessed Wall Cabinet with Alarm:
 - a) 1417F12
 - iii. Semi-Recessed Wall Cabinet with Alarm Stainless Steel Finish:
 - a) 1436F12
 - iv. Semi-Recessed Wall Cabinet with Alarm Stainless Steel Finish 3" trim:
 - a) 1437F12
 - v. Or approved equal.
4. Fire Alarm Signal Line Circuit:
 - a. AED cabinet shall be connected to the Fire Alarm System and programmed by the Project Team.
 - b. Install a Notifier FMM-101 monitor module in a 3"x5" box located in the upper right corner of the cabinet.
 - i. Wire a George Risk Industries (GRI) Model # 4704-A pull-apart switch to the monitor module in a closed circuit supervised by the end of line resistor.
 - ii. The pull apart shall plug in on the lower left of the base that the AED unit sits on.

10 50 00 – STORAGE SPECIALTIES

A. Sole Source Products:

1. Adjustable Wall-Standard Shelving:
 - a. Contact Project Representative

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10 57 00 – WARDROBE AND CLOSET SPECIALTIES

A. Coat Hooks:

1. Provide at least two wall-mounted coat hooks in each office.

END OF DIVISION