

DIVISION 12 - FURNISHINGS**DESIGN CRITERIA**

Stationary workstations in the office/laboratory setting should provide adequate surfaces for ergonomic arrangement of the computer keyboard/pointing device, monitor and document/work holders. Follow good ergonomic principles providing height adjustable work surfaces, openings adequate for leg and knee clearances and sufficient overhead space to allow adjustments to vertical equipment placement. In particular, care shall be given when designing fixed workstations for public contract work activities, such as cashiering, customer service counter and pharmacy. These workstations shall be less than 30 inches wide and adjustable for either seated or standing work. The BSR/HFES100 Draft Standard for Trial Use, "Human Factors Engineering of Computer Workstations" or ANSI/HFS100-1988 "American National Standard for Human Factors Engineering of Visual Display Terminal Workstations" shall be reviewed by the Design Professional.

WINDOW TREATMENTS**12 20 00**

Provide white or off-white 1-inch wide horizontal blinds for all exterior windows.

SITE FURNISHINGS**12 93 00****BICYCLE RACKS**

"Wheelwell-Secure" bike rack as defined by the APBP "Essentials of Bike Parking" (page 6). Lightning Bolt LR Series by SCH Enterprises, LLC Undergrad rack by Ground Control, or equal.

1. Finish: Hot-dipped galvanized.
2. Style: Vary to suit site conditions: single sided, perpendicular; single sided, diagonal; double sided, perpendicular.

BENCHES

1. Manor bench with armrest, Model No. 2824-6 by Columbia Cascade Company, Timberform Site Furniture or equal
2. Finishes: UV resistant exterior grade polyester powder coating applied in minimum thickness of 6 mils
3. Color: cool gray (RAL 7042) or warm gray (RAL 7030)

WASTE RECEPTACLES

Strategically design for waste management systems throughout the interior and exterior of the building. Starting in 2022 by code, no landfill receptacle shall be provided without neighboring recycle and compost receptacles and each receptacle not located inside a cabinet shall, at minimum, have a lid that is color coordinated based on the waste stream collected (blue for recycle, yellow or green for organic waste, black or gray for landfill). Please discuss compost requirements with University's Representative.

Include in the design how each space shall be supported from an office to the office suite, floor, assembly areas, lobby, entrances, approach, outdoor gathering space, etc. Review the design and planned operations with the building occupants. Delineate the waste receptacles that shall be included in the project and those to be provided by the occupants.

Exterior Receptacles

Outdoor landfill and recycling bin sets and associated signage shall be provided and installed by the University at building entrances, resting areas, patio areas, eating areas and walkways. Coordination of bin placement shall occur during the Construction Document Phase between University's Representative and Design Professional. Standard exterior receptors are listed below for concrete walkways, building entrances and dirt/gravel/open/grass areas:

1. Landfill bin is Quick Crete Products, model number QS-PS2532W-N-UCDAVIS. Lid shall be gray or black starting in 2022 by code.
2. Recycling bin is Quick Crete Products, model number QS-PS2532W-M-UCDAVIS. Lid shall be blue starting in 2022 by code.
3. Compost bin is a steel-cased solar-powered compactor. Contact University's Representative for more information.
4. Landfill and recycling bins may also be steel-cased units similar to compost bin on a case by case basis. Contact University's Representative for more information.

Interior Receptacles

Provide built-in indoor waste cabinets where appropriate for building design. Waste cabinets are multi-purpose receptacles for mixed paper, containers, compost or landfill. Compost collection compartments shall be required in 2022 by code. Receptacles placed inside of cabinets and not visible will not be required to meet color requirements under code. Place waste cabinets in convenient access areas and high traffic areas such as lobbies, anterooms to lecture halls, and main corridors. An open area shall be designated for cardboard collection. Design space for appropriate and visible signage to assist users in proper waste sorting and to avoid contamination of waste streams. Use 5-inches wide by 2-inches high laminate plaques to label the different waste streams (e.g. mixed paper, landfill, and compost)

Small Cabinet

Locate the small cabinet in lower traffic areas such as break or mail rooms. Compartments are designated for mixed paper, containers, and landfill. Compost collection compartments shall be required in 2022 by code. There may be one open area for cardboard collection. Place one bin (11-inches wide by 22-inches deep by 30-inches high) in each labeled compartment. (See Detail A-01 in Drawings Section of CSDG.)

Minimum Clearances

1. Cabinet dimensions 57-inches wide by 22.5-inches deep by 36-inches high.
2. Cabinet door 12-inches wide.
3. Inside cabinet 34-inches high.

Large Cabinet

Locate the large cabinet in high traffic areas such as lobbies and anterooms to lecture halls. This design includes a 10 cubic feet addition for newspaper distribution and storage. There are three compartments designated for mixed paper, containers, and landfill and one open area for

cardboard collection. Place one bin (11-inches wide by 22-inches deep by 30-inches high) in each labeled compartment. (See Drawing A-01 in Drawings Section of CSDG.)

Minimum Clearances

1. Cabinet dimensions 70-inches wide by 22-inches deep by 36-inches high.
2. Cabinet door 12-inches wide.
3. Inside cabinet 34-inches high.

Details

Cabinet doors open to floor level so bins can slide into the cabinet. Toe kick is built into swinging cabinet door, which aids in keeping bin in place.

Proper signage is required, ideally at eye level or on the lid or opening, to avoid contamination. Verify with University's Representative for current signage.

End of Division 12