

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**

Lightning Bolt LR Series by Creative Pipe, Inc. or equal.

1. Materials
 - a. Carbon Steel
 - (1) Pipe: ASTM A 53, Schedule 40 or Schedule 10.
 - (2) Round Bar and Flat Bar: ASTM A36.
2. Fabrication
 - a. Rack: 2-inch by 2-inch, 0.188-inch wall, structural and mechanical square steel tubing.
 - b. Loops: 3/4-inch solid round bar.
 - c. Runners: 4-inch by 3/8-inch steel flat bar.
 - d. Finish: Hot-dipped galvanized.
3. Style
 - a. 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: White.

TRASH AND LITTER RECEPTORS

Strategically design for trash and recycling systems throughout the interior and exterior of the building. 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 trash/recycling receptors that shall be included in the project and those to be provided by the occupants.

Exterior Receptors

Outdoor trash 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:

Concrete walkways and building entrances:

1. Trash bin is Quick Crete Products, model number QS-PS2532W-N-UCDAVIS.
2. Recycling bin is Quick Crete Products, model number QS-PS2532W-M-UCDAVIS.

Dirt/Gravel/Open/Grass Areas:

1. Cluster set in gray by Windsor Barrel Works or equal (no known equal).
 - a. Signage on bins: "Mixed Paper," "Cans and Bottles," and "Trash."
 - b. Signage on post "Recycle," "Recycle," and "Trash." For purchasing use CMAS 4-97-72-0006A.
2. Trash bin is CF 4510 – 45 gallon flat top barrel, no lid with DA 1855 – steel dome top for 55 gallon barrel, C 3555 – rigid plaster liner, CS 3600 - post with signs and brackets.
3. Mixed paper bin is CS 3035 – barrel with mixed paper labeled lid, C 3520 – rigid plastic liner with CS 3110 – side access door.
4. Cans and bottles bin is CS 3035 – barrel with cans and bottles labeled lid with C 3520 – rigid plaster liner and CS 3110 – side access door.

Interior Receptors

Provide built-in indoor recycling cabinets where appropriate for building design. Recycling cabinets are multi-purpose receptacles for cardboard, mixed paper, bottles and cans, and trash. Place recycling cabinets in convenient access areas and high traffic areas such as lobbies, anterooms to lecture halls, and main corridors.

Small Cabinet

Locate the small cabinet in lower traffic areas such as break or mail rooms. There are three compartments designated for mixed paper, bottles and cans, and trash and one open area for cardboard collection. Place one bin (11-inches wide by 20-inches deep by 30-inches high) in each labeled compartment. (See Detail A-01 in Drawings Section of CSDG.)

Minimum Clearances

1. Cabinet dimensions 65-inches wide by 28-inches deep by 36-inches high.
2. Cabinet door 14-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, bottles and cans, and trash and one open area for cardboard collection. Place one bin (14-inches wide by 14-inches deep by 28-inches high) in each labeled compartment. (See Drawing A-01 in Drawings Section of CSDG.)

Minimum Clearances

1. Cabinet dimensions 90-inches wide by 25-inches deep by 36-inches high.
2. Cabinet door 16-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 to avoid contamination. Use 5-inches wide by 2-inches high laminate plaques to label cardboard, mixed paper, bottles and cans, and trash.