

PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DIVISION 12 – FURNISHINGS

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/>.

DIVISION 12 – FURNISHINGS

12 10 00 – ART

A. Art and Architectural Artwork:

1. Artwork shall only be included as part of capital construction projects.
 - a. Artwork for all other projects shall be funded by the individual departments and is not likely to be part of Construction Documents.

12 20 00 – WINDOW TREATMENTS

A. Window Coverings:

1. Blinds, shades and shutters shall normally be furnished and installed by the Project Team and shall be included in the Project Specifications.
 - a. Drapes are not normally provided as part of construction projects.
 - b. Drapes must be approved by the Project Representative prior to specifying.
2. Where windows or other uncontrolled light sources exist, these sources must be controlled through use of blackout drapes or other devices so that light level can be controlled for adequate projection viewing.

B. Window Films:

1. Smoke and gray colors are acceptable.
 - a. Silver and bronze colors are not desirable and shall not be used unless necessary to match existing films or because of unusual requirements which shall be approved by the Project Representative.
2. Shading coefficient shall be 0.65 or less for all films.
3. Films shall be sputter-coated using a charged metal process.
 - a. Dyes or pigments are not acceptable.
 - b. Films shall have an abrasion resistant coating.
4. Films shall be warranted for five years to maintain all solar properties without cracking, crazing, fading or peeling.
 - a. Defective films shall be replaced without charge.
5. Safety film may be considered where retrofitting safety glazing is not advisable due to the configuration, construction and condition of existing doors and windows that are not being replaced.

12 30 00 – CASEWORK

A. Laboratory Casework:

1. Acceptable types are as follows:
 - a. Metal Laboratory Casework

PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DIVISION 12 – FURNISHINGS

- b. Plastic Laminate Casework
 - c. Wood Casework
2. New laboratory casework in existing buildings shall match existing style such as wood, metal, or plastic laminate.
- a. Verify with the Project Representative.
3. Wood casework shall not be installed where water or chemicals are used.

B. Counter Tops:

1. Furnish tops in maximum practicable lengths.
2. Acceptable types include:
- a. Composition Stone
 - b. Impregnated Stone
 - c. Glazed Composition Stone
 - d. Plastic Laminate – with plywood underlayment or medium density industrial particleboard
 - e. Stainless Steel
 - f. Epoxy Resin
3. Flexibility of casework shall be considered due to multiple use of space over a period of time.
- a. Providing excessive amounts of casework does not benefit the Project.

12 40 00 – FURNISHINGS AND ACCESSORIES

A. Indoor Trash, Recycling and Compost Containers:

1. The cost and procurement of trash, recycling and compost containers shall be included in the total Project Development Cost.
2. Drawings shall include location for required trash, recycling and compost containers to ensure they do not impede on accessibility requirements and other features of the space.
3. Containers shall be provided as follows:
- a. Office:
 - i. Each shall have a trash and recycling container.
 - ii. Trash:
 - a) Rubbermaid Wastebasket Medium 28 QT Black SKU: FG295600BLA
 - iii. Recycling:
 - a) Rubbermaid Wastebasket Medium 28 QT Blue SKU: 2031824
 - b. Classrooms, including but not limited to labs, study areas, lecture halls, etc.:
 - i. Each shall have a trash and recycling container.
 - ii. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - iii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - c. Conference Rooms:
 - i. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - ii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - d. Hallways and Corridors:
 - i. Trash:

PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DIVISION 12 – FURNISHINGS

- a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - ii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - iii. In hallways and corridors where appropriate, cabinets separating trash and recycling materials shall be included in the Drawings.
- e. Breakrooms:
 - i. Each shall have a trash and recycling container.
 - ii. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - iii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - iv. Compost:
 - a) 2.5 gallon white bucket with lid available upon request from Facilities Management (FM) Integrated Solid Waste.
- f. Lactation Room:
 - i. Each shall have a trash container.
 - ii. Trash:
 - a) Rubbermaid Wastebasket Medium 28 QT Black SKU: FG295600BLA
- g. Indoor Bicycle Rooms:
 - i. Each shall have a trash and recycling container.
 - ii. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - iii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - iv. Compost:
 - a) 2.5 gallon white bucket with lid available upon request from Facilities Management (FM) Integrated Solid Waste.
- h. Copy/Print Rooms:
 - i. Each shall have a trash and recycling container.
 - ii. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - iii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
- i. Arenas:
 - i. Each shall have a trash, recycling and compost container located at entrances and near the restrooms.
 - ii. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - iii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - iv. Compost:
 - a) Rubbermaid Vented Slim Jim 16–GAL Brown SKU: 1956187
- j. Gymnasiums:
 - i. Each shall have a trash, recycling, and compost container located at entrances and near the restrooms.
 - ii. Trash:
 - a) Rubbermaid Vented Slim Jim 23–GAL Black SKU: FG354060BLA
 - iii. Recycling:
 - a) Rubbermaid Vented Slim Jim 23–GAL Blue SKU: 1956185
 - iv. Compost:
 - a) Rubbermaid Vented Slim Jim 16–GAL Brown SKU: 1956187
- k. Public Areas/Lobbies:
 - i. Each shall have a trash, recycling and compost container.
 - ii. Trash:

PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS

DIVISION 12 – FURNISHINGS

- a) SAFECO Public Square Base, 37–Gallon Model #2983BL and Square–Fecta Lid Model #2990WA
- iii. Recycling:
 - a) SAFECO Public Square Base, 37–Gallon Model #2983BL and Square–Fecta Lid Model #2990RE
- iv. Compost:
 - a. Rubbermaid Vented Slim Jim 16–GAL Brown SKU: 1956187
- I. Restrooms:
 - i. Refer to Division 10 – Specialties

12 48 00 – RUGS AND MATS

A. Floor Mats:

1. Entry mats and walk–off carpets shall be provided as a part of the Construction Agreement.
 - a. Type and location shall be approved by FM Building Services through the Project Representative.
 - b. They shall be a type that shall not hinder door operation.
2. Main entrance lobbies shall have edged mats fit to size to fill entire area.

12 50 00 – FURNITURE

A. Furniture:

1. Movable furniture and equipment shall normally be purchased and installed by the University under a separate Agreement and shall not be included in the Project Specifications.
 - a. Installation may be specified by the Project Team depending upon circumstances.
2. Room dividers and screens (movable wall partitions) shall normally be purchased and installed as movable equipment, unless otherwise approved.
 - a. The Project Team shall be expected to coordinate with the client in this design and specification.
3. All furniture shall have non–marking wheels or glides that shall not rust.
 - a. Floor mats shall be used under rolling office chairs.
4. Computer labs shall have furniture that allows mounting of tower case computers on the furniture keeping the computer off the floor.
 - a. Desktop case computers are preferred.
 - b. Cables shall be concealed in raceway where possible to avoid draping cable on the floor.
5. Refer to Chapter 06 – Requirements by Space Type and Use for chair rail Standards.

12 60 00 – MULTIPLE SEATING

- A. Fixed classroom and auditorium seating shall be rail mounted rather than individual pedestal mounted unless otherwise directed by the Project Representative.
- B. Use drop arm writing surfaces with grained color and matte texture plastic laminate finish.
 1. Flip seats are preferred.

END OF DIVISION