

DIVISION 10
SPECIALTIES

SECTION 10100: CHALKBOARD AND TACKBOARD STANDARDS**I. GENERAL**

- A. Verify all locations of chalkboards and bulletin boards with the Project Manager. Refer to Supplement #2, "UCSC Classroom Guidelines" for classroom applications.

II. MATERIALS

- A. All chalk boards are to be provided with a cork tacking strip at the top, and with map hooks.

III. EXECUTION (not used)

SECTION 10170: PLASTIC TOILET COMPARTMENT STANDARDS

I. GENERAL

- A. *Solid plastic or phenolic core / melamine surface* toilet compartments (as well as shower enclosures) are preferred on the UCSC campus in areas of high moisture or humidity such as housing applications due to ease of maintenance and durability.* Verify all locations with the Project Manager.
- B. *Where privacy is a concern, such as co-ed residence halls, use full length support brackets and door strikes, such that clearances where components join (door to pilaster, pilaster or panel to wall, pilaster to panel, etc.) does not exceed 1/4 inch. Taller doors, extending from 6" above finish floor to 6'-6" above finish floor, should be considered for such situations. The use of such panels at divider panels, however, can create lighting problems.*
- C. *Provide extra hardware components for storage and future use by maintenance staff. Amount: 2% or one stall, confirm with Project Manager*

II. MATERIALS

A.

- 1. Santana Products Company / Poly-Mar HD with Plasti- Glaze 280 finish.
- 2. Capitol Partitions, Inc. / Poly-Pro, or equal.
- 3. Bobrick Washroom Equipment, Inc. / Solid phenolic plastic toilet compartments.

High density polyethylene solid plastic toilet compartments, minimum 1" thick doors and panels, as manufactured by Santana Products, Inc., Comtec Industries, Capitol Partitions, or equal

- B. Solid Phenolic core / melamine surface toilet compartments, as manufactured by Bobrick Washroom Equipment, Inc., Capitol Partitions, Sanymetal Partitions, or equal.
- C. Doors and panels: Manufacturer's standard solid polymer resin system with surface resistant to pens, pencils, standard markers and paints; cleanable with household detergents: color integral through panels. Doors minimum 24" wide, except where otherwise required for access by persons with disabilities.
 - 1. Color: As selected from manufacturer's standard colors.
 - 2. Flame Spread Rating: Maximum 50 flame spread and 450 smoke developed, Class II or Class B, ASTM E84 Tunnel Test.
Class II or better flame spread rating. Meet or exceed California Building Code requirements for "Approved Plastic Materials".
- C. Doors and Panels: Minimum 1" thick by 58" high; doors minimum 24" wide, except where otherwise required for access for persons with disabilities.

III. EXECUTION

- A. Partitions shall be attached to wall framing, *2x solid blocking, or metal strapping (or similar) between metal studs.*

SECTION 10522: FIRE PROTECTION SPECIALTIES STANDARDS

I. GENERAL

- A. Provide fire extinguishers at residential areas a maximum travel distance of 75' from any location, or a minimum of one per floor. Space according to CCR requirements at all locations. Specify fire extinguisher mounting height per CCR/OSA accessibility requirements.

II. MATERIALS

A. Fire Extinguishers:

- 1. General Fire Extinguishing Co., to match existing campus standard.

B. Fire Extinguisher Cabinets:

- 1. J.L. Industries.
- 2. Larsen Manufacturing Co.
- 3. Modern Metal Products by Muckle
- 4. Or equal.

B. Fire Extinguishers: Provide extinguishers with following UL ratings; aluminum or steel cylinders, rechargeable type.

- 1. Type 1: 5#ABC; 3A-40BC stored pressure dry chemical type; 5 lb. capacity, approximate 10 lb. shipping weight.
- 2. Type 2: 10#ABC; 10A-80BC stored pressure dry chemical type; 10 lb. capacity, approximate 20 lb. shipping weight.
- 3. Type 3: 10#BC; 60-BC stored pressure dry chemical type; minimum 10 lb. capacity, approximate 20 lb. shipping weight.

III. EXECUTION (not used)

SECTION 10550: POSTAL SPECIALTIES STANDARDS

I. GENERAL

- A. Locations and specific requirements for number of mailboxes, and other spatial and mailroom arrangement requirements should be verified for each applicable project with the Project Manager, in consultation with the Housing Office and the UCSC Mail Department.
- B. All mailbox units must meet *ADA standards as well as* minimum mounting heights and other requirements for mail delivery by the U.S. Postal Service:
 - 1. Locate mailboxes and parcel lockers near a convenient central location within a building complex. The mail carriers must be able to serve the mailboxes without interference from opening or swinging doors. Provide adequate lighting above all mailbox locations, and locate so mailboxes are protected from the weather (if outside access is provided).
 - 2. In Vertical-type Installations:
 - a. Receptacles must be placed so that the center of the barrel of the master lock of the upper tier will be no more than 58" from the floor. The center of the barrel of the master lock of the lower tier of letter boxes shall be no less than 30" from the floor.
 - b. No more than two tiers may be installed. Boxes must be arranged in groups of three to seven under one lock.
 - 3. In Horizontal-type Installations:
 - a. The distance from the floor to the tenant locks on the top tier of letter boxes shall not be more than 67", and shall be no less than 28" to the bottom of the lowest tier of letter boxes.
 - 4. Directories:
 - a. A complete, alphabetized Directory in all building complex locations with 15 or more receptacles is required. (University provides this). Provide a location immediately adjacent to the mail boxes for the Directory; coordinate with project manager.
 - 5. Provide a minimum of two keys *for each keyed lock* to be delivered to the University at the end of the project.
 - 6. When inside, rear-loading units are provided, provide a minimum of 36" of space behind the mailboxes.

II. MATERIALS (not used)

III. EXECUTION (not used)

SECTION 10800: TOILET AND BATH ACCESSORIES STANDARDS

I. GENERAL

- A. Verify all requirements for specific projects with the Project Manager. Additional accessories are necessary in handicapped-accessible locations as per the DSA. The following list in Part II, below, represents the standard equipment used on campus (UCSC Maintenance Department stores paper stock to fit these fixtures.) All substitutions shall conform to the paper stock sizes appropriate for the fixtures as listed below.
- B. Double tissue and towel dispensers as well as waste receptacles should be provided wherever possible as a maintenance consideration.
- C. *Vandalism should be considered when choosing all accessories. In general, after vandalism has occurred, surface mounted accessories are more easily and quickly replaced than recessed.*

II. MATERIALS

- A. Toilet Paper Holder (Dispensers) *(Equivalent models by other manufacturers are also acceptable)*
 - 1. *Rolls Royce Ringer Co., 3 roll TP-3, 15 1/2" long. 1-800-253-9638.*
 - 2. Crown Zellerbach Rollmaster #741A - surface mount multi-roll dispenser.
 - 3. *Verify applicable standard with PM.*
- B. Recessed Paper Towel Dispenser and Waste Receptacle
 - 1. Surface mounted towel dispensers and waste receptacles are preferred.
- C. Surface Mount Paper Towel Dispensers *(Equivalent models by other manufacturers are also acceptable)*
 - 1. *Continental Manufacturing Co. Model 630C-Dispenses single-fold paper towels.*
 - 2. Bobrick Model B-263 - Dispenses 400 single fold paper towels. Unit measures 12-1/8" wide x 7-1/4" high x 6-1/8" deep.
 - 3. Bradley Model 251 - Dispenses 400 single fold paper towels. Unit measures 7-1/2" high x 11-3/8" wide x 6-1/16" deep.
 - 4. Note: Provide waste receptacles if surface mount paper towel dispensers are used instead of one piece towel dispenser/waste receptacles.
 - 5. *Verify applicable standard with PM.*
- D. Waste Receptacles (Equivalent models by Bradley or other manufacturers are also acceptable)
 - 1. *Bobrick Model B - 2280 Freestanding 21 gallon waste receptacle.*

2. *For larger restrooms, (more than 2 fixtures), 20 gallon minimum, stainless steel or plastic free-standing or under counter.*
- E. Feminine Napkin/Tampon Vendor *(Equivalent models by other manufacturers are also acceptable)*
1. *Rest Room World Model R-2803. 25 cent coin mechanism. Capacity 66 No. 4 napkins and 66 tampons .*
 2. *Bradley Model 420 - Surface mount - 25 cent coin mechanism. Capacity 17 napkins and 26 tampons. Unit measures 11-5/16" wide x 31-15/16" high x 5-5/16" deep.*
 3. *Verify applicable standard with PM.*
- F. Feminine Napkin Disposal *(Equivalent models by other manufacturers are also acceptable)*
1. *Bobrick Model B-270 - Surface mount. Unit measures 10-1/2" wide x 11-1/4" high x 4" deep.*
 2. *Bradley Model 478 - Surface mount. Unit measures 10-1/2" wide x 11-1/4" high x 4-1/2" deep.*
- G. Toilet Seat Cover Dispenser *(Equivalent models by Bradley or other manufacturers are also acceptable)*
1. *Bobrick Model B-221 - Surface mount. Capacity 250 seat covers. Unit measures: 15-3/4" wide x 11" high x 2" deep.*
 2. *Stainless steel, interchangeable with "protecto" or "shieldor" dispensers.*
 3. *Verify applicable standard with PM.*
- H. Soap Dispensers - Liquid Valve *(Equivalent models by Bradley or other manufacturers are also acceptable)*
1. *Bobrick all purpose lavatory mounted soap dispenser B - 822*
 2. *Soap dispensers must be sink-mounted countertop type, top filling, stainless steel 4" spout with 32 oz. container. Soap dripping on floor creates unsafe conditions and leads to premature wear and deterioration of floor surface.*
- I. Stainless Steel Shelves *(Equivalent models by other manufacturers are also acceptable)*
1. *Shelves should only be provided where necessary, since they are prone to destruction by vandalism.*
 2. *Bobrick Model B-298, 8" wide, 18 gauge, type 304 stainless steel, satin finish, 3/4" edge, front hemmed. Bracket 16 gauge. Lengths: 16", 18", 20", 24", 30", 36", 42", 54", 60", 72", 84", 96"; one piece.*
 3. *Bradley Model 758, 8" deep. Surface mounted, 18 gauge 300 series satin finish stainless steel with 1/2" edge and rounded corners. Available in the following standard lengths:*

12", 14", 16", 18", 22", *24", 30", 36", 40", 48", 60", 72", 84", 96", 108" and 120". To specify, add length to series number (*ex: 758-24). Or equal.

- J. Towel Hooks (*Equivalent models by other manufacturers are also acceptable*)
1. *Bradley Model 9114 Single Robe Hook, or Bobrick equal.*
 2. Bobrick B-6727 - Satin finish stainless steel. Double robe hook-contoured 4" wide stainless steel bar forms hook at each end. Flange is 2" x 2"; unit extends 2" from wall.
 3. Bradley No. 932 - Double Robe Hook, or equal.
- K. Fold Down Utility Shelf (*Equivalent models by other manufacturers are also acceptable*)
1. Bobrick Model B-287 - pull down shelf returns to upright position. Heavy-duty chrome plated casting. Unit 14-1/2" long, 5-1/2" wide.
 2. Bradley Model 790 - fold down utility shelf fabricated of chrome-plated heavy-duty zamac. Hinged shelf stores in a vertical position, folds down for use. Automatically returns to upright position when objects are removed. Holds up to 150 lbs. Or equal.
- L. Mirrors (*Equivalent models by other manufacturers are also acceptable*)
1. *Stainless steel angle framed mirrors: Bobrick B-290 series, or equal*
 2. *Backing: Provide galvanized steel backing sheet with non-absorptive filler material to prevent accumulation of moisture, and support system which will permit rigid, tamperproof glass installation.*
 3. *Hangars: Heavy-duty wall brackets of galvanized steel, equipped with concealed locking devices requiring a special tool to remove, as required for a tamperproof and theft proof installation.*
- M. Grab Bars: Bobrick B-490 series, 1 - 1/4 inch 302 stainless steel satin finish tubing with stainless steel flanges. Include mounting assemblies and fasteners for securing in place. (*Equivalent models by other manufacturers are also acceptable*)
- O. Shower Rods: Bobrick B-207 series. (*Equivalent models by other manufacturers are also acceptable*)
- P. Handicapped Shower Seat: Bobrick B-517, 518. (*Equivalent models by other manufacturers are also acceptable*)

III. EXECUTION

- A. Install all toilet and bath accessories into solid wood blocking, or other specific solid blocking as necessary, to provide structural anchoring for heavy use.