

10 Specialties

GENERAL

Designers shall verify that all applicable portions of these standards are incorporated into the project's design, drawings, specifications and final construction. Requests for variances from these standards shall be submitted in writing to the DCM Project Manager, using the KU Standards Variance Request Form found in [Appendix A1.1](#), for review and written approval or rejection as indicated on the form.

RELATED DOCUMENTS & REQUIREMENTS

Refer to the following for requirements that also apply to work of this section.

- [Division 1 - General Requirements](#)
- KU Graphics Program Manual, re: Signage - 10425

VISUAL DISPLAY BOARDS – 10100

General: Refer to [Appendix A1.5](#) for KU's Standard Classroom Guidelines. Verify the types, sizes & locations of visual display boards with the user group(s) for each project.

Tackable Display Units: Typically provide one outside each departmental office, for posting of notices, schedules and general info. Provide with enclosed, lockable, glass door fronts, to minimize vandalism.

Chalkboards or Markerboards / Whiteboards: Provide either type, as preferred by the applicable user representatives or Building Committee.

Marking Supplies: Users should note that KU-FO will provide chalk for traditional chalkboards, but users are required to provide their own dry-erase markers for markerboards / whiteboards.

Trim for Chalkboards (CB), Tackboards (TB), Markerboards (MB) or Whiteboards (WB):

- Heavy-duty, extruded aluminum trim
- Natural anodized finish
- Fabricate with mitered corners and all cut edges deburred or eased.
- Install with concealed anchorage to wall substrates, and to adjacent trim pieces.

TOILET ROOMS – GENERAL DESIGN GUIDELINES

DCM can provide examples of typical University toilet room elevations and detail options. Designers shall give particular attention to toilet room layouts, to verify that sight lines are controlled and appropriately screened for privacy from outside.

- Finishes: Shall be ceramic tile on floors, wall base and full-height on walls. Floor and wall base shall have matching tile and grout, with mid-range or darker colors recommended for soil hiding ability over time.
- Vanity tops or continuous countertops with individual lavatories shall be solid composition materials (Corian or equal), not plastic laminate.
- Urinals and water closets shall be wall-mounted.
- Pipe chases serving toilets and other wet areas should be no less than 24" clear interior width, preferably 36" clear width. Access to chases shall be by means of standard, full-height swing doors for maintenance access, unless infeasible. When provided, access doors shall be 24"w x 36"h; verify locations with FO and DCM.
- Toilet Accessories: Provide as noted elsewhere in the document.
- Bookracks should be provided within toilet rooms, and included as part of the contract documents.

TOILET COMPARTMENTS – 10155

Toilet and urinal compartment panels shall be either solid plastic or stainless steel materials, due to lower vandalism and better maintenance. Baked enamel metal, plastic laminate and other materials are not to be used, unless otherwise approved by DCM due to location, type of users or budget. Exception: In partial remodels of existing toilet rooms, match existing type and appearance.

- Type: Overhead-braced, floor-mounted. Other types, such as ceiling-hung, are not permitted due to poor durability experiences KU has had with them in the past.
- Special Wall Mounting Requirements: Urinal screens & toilet compartment dividing wall shall be specified to be secured to walls with continuous wall brackets, in lieu of individual mounting brackets, for greater durability.
- Hardware shall all be stainless steel and heavy-duty quality.

TOILET ACCESSORIES – 10801

General: A careful review of the layout of toilet fixtures and accessories, especially for required mounting heights and other handicapped-accessibility requirements, shall be coordinated with the Office of Design and Construction Management. All toilet accessories shall be stainless steel materials, with satin finish, heavy-duty construction. Provide units indicated, as manufactured by Bobrick, or equal as approved by DCM.

Mirrors: Surface-mounted mirrors shall be provided with fully-welded, seamless stainless steel frame, tempered glass mirror, and secured with concealed theft-proof mounting.

- Tall Mirrors: Provide one in each public restroom. Minimum size: 24" wide x 60" high, with top mounted at 6'-8" AFF.
- Mirrors behind lavatories are discouraged by FO, due to increased maintenance from hair brushing over sinks.

Paper Towel Dispensers: Units for 8-inch-wide, 8-inch-diameter paper roll. Provide with lever handle operation, not crank.

- Bobrick Model #3960 or #3961, recessed paper towel dispenser and waste receptacle.
- Bobrick Model #3861 or #38616, recessed or semi-recessed paper towel dispenser.
- Bobrick Model #2860, surface-mounted paper towel dispenser.

Paper Towel Waste Receptacles: Built-in units shall be largest capacity available.

- If loose units to be provided by FO Housekeeping, verify size of units to be provided and show locations dashed on drawings and noted as such.
- Locations and sizes must not alter accessibility of toilet rooms, toilet accessories or plumbing fixtures. Loose waste receptacles can violate ADA or exiting criteria if improperly placed. Designers must therefore indicate recommended locations on construction drawings which comply with ADA and building code requirements.

Soap Dispensers: Provide units for either powdered soap or liquid soap, as requested by building users. Units should be mounted over the lavatory counter and allow easy access for refilling without crawling below counter or lavatory.

- Bobrick Model #B-8226 Series, liquid soap dispenser, countertop-mounted with top refill. Position so nozzles extend over lavatory.
- Bobrick Model #B-2111 or #B-2112, liquid soap dispenser, wall-mounted.
- Bobrick Model #B-132, powdered soap dispenser, wall-mounted.

Toilet Tissue Dispensers: Units that accommodate two rolls of toilet tissue, side-by-side. The dispenser shall be mounted on the partition on the hinge-side of the toilet stall door. Dispensers shall move in complete circles and shall not have controlled-flow feature.

- Bobrick Model #2740, surface-mounted dispenser.

Sanitary Napkin Disposal Units: Provide one feminine hygiene disposal unit in each woman's toilet stall.

- Bobrick Model #270, or equal.

Sanitary Napkin Dispensers: These units shall be provided by the University's vending service provider. Construction drawings shall an appropriate location for each.

- Models shall be as determined by vendor, based on types of products to be dispensed, costs to be charged and coins to be accepted.

DIRECTORIES AND BULLETIN BOARDS – 10416

Building Directory: Provide in main entrance lobby(s). Limit text to public spaces and a general description of spaces on each floor. Individual blades for each line of text, or a traditional grooved background for press-in letters are both acceptable, but shall be enclosed and lockable to prevent theft or vandalism. An 8.5" x 11.5" slot for changeable paper inserts can be included for posting of computer-generated lists of faculty room assignments.

- Graphic Maps are generally discouraged, due to cost of updating them over time as space uses are reassigned & buildings are remodeled. However, for buildings of unusual geometry or complexity, this is sometimes a better option than a list of rooms or directional signage. If used, a plexiglas-covered sign that accepts paper floor plan drawings, which can be easily printed by computer and replaced periodically, is preferred.

SIGNAGE – 10431

- Refer to [Appendix A10.1](#) for standard examples and guidelines copied from the KU Graphics Manual.
- Refer to [Appendix A10.2](#) for standard signage

FIRE PROTECTION SPECIALTIES – 10520

Fire Extinguisher Cabinets: Provide for all fire extinguisher locations except those within non-public spaces, such as mechanical/electrical rooms or unfinished work areas.

- Locations/Spacing:** As required by NFPA-10 code standard. Graphically show locations of each fire extinguisher and it's radius of coverage on code compliance plans.
- Fire Extinguishers:** Provided by University's Facility Operations department.
- Cabinets:** Solid clear glass doors, with no locks on doors, trim color as appropriate for adjacent wall surfaces.
- Size:** Interior dimensions adequate to receive up to a ten (10) pound ABC extinguisher.

Fire Hose Cabinets: Provide units with similar trim and appearance to fire extinguisher cabinets, in location(s) required by code plans. Provide units without fire hoses.

Fire Standpipe Cabinets: Provide 18"x18" units for 2 ½" fire department connection with similar trim and appearance to fire extinguisher cabinets, in location(s) required by code.

MAILROOMS & POSTAL SPECIALTIES – DESIGN GUIDELINES

General: Mail slots may be required as a part of the program. They should not be located in rated corridor walls.

Central Mail Rooms: DCM's PM shall review design with KU Printing Services, who functions as campus mail coordinating department. Provide space within or near rooms for waste and recycling containers.

FIRE-RATED OPERABLE PANEL PARTITIONS – 10653

General: Fire-rated operable panel partitions shall be used only if reviewed and approved by the University Fire Marshal (currently: Bob Rombach, DCM- brombach@ku.edu).

- Verify operation, controls and interface with KU's campus-wide fire alarm system and the KU-PS 911 Emergency Response Center.

TELEPHONE SPECIALTIES – 10750

General: KU's Architectural Barriers Committee has requested that at least one public text telephone be provided in each building on campus, even if not required by ADA. Designers shall verify closest existing text telephone locations within building and determine with DCM if an accessible, text telephone shall be provided.

WARDROBE SPECIALTIES – 10900

General: Heavy-duty coat racks and bookshelves shall be provided in toilet rooms and in waiting areas, as requested by user group or DCM. Lockers may supplement this need. The use of plastic assemblies, supports and hooks shall be minimized.

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