

Division 10 - Specialties

10.1. Visual Display Surfaces

- a. Visual Display Surfaces are those that are used to convey information visually, including surfaces of markerboards, tackboards, and surfacing materials that are not fabricated into composite panel form but are applied directly to walls.
- b. Visual Display Board Assembly is a visual display surface that is factory fabricated into composite panel form, either with or without a perimeter frame; includes markerboards and tackboards.
- c. In all classrooms, the A/E shall coordinate the design, location and quantity of visual display surfaces to maximize the amount of usable board to the degree possible, balanced against the budget. Consider the interface of markerboards with projection screens in the open position and/or wall mounted flat panel monitors. Access to the markerboards, based on classroom configuration, should also be considered. Careful coordination of all wall mounted devices in classrooms is critical when planning markerboard locations, as well as other teaching tools. It is expected that the A/E will provide elevations of classroom walls showing dimensioned locations of all wall mounted items and the extent of markboards for review and approval by the Assistant Director of Classroom & Learning Space Technologies. V
- d. In **residence halls**, provide markerboards in study rooms.
- e. Provide tackboards in the lobby of all **residence halls**. Consider additional tackboards associated with individual community space on upper floors in **residence halls**. Tackboards should be sized and designed as part of the interior concept and not left as an afterthought. In **residence halls** provide an individual tackboard adjacent to each Resident Advisor's (RA) door.
- f. The A/E shall discuss the desire for tackboards in lobby spaces of all buildings on campus. These need to be strategically located and designed to be a part of the interior design. Student Organization notices and other announcements need a place to exist that is visible and aesthetically pleasing. The goal is to avoid having random notices tacked on walls because there is no designated place to hang such notices.
- g. **Markerboards** shall be porcelain enameled steel as follows: 2 coats of porcelain enamel; 28 gauge enameling steel; 1/2" industrial fiberboard core; 0.005" thick aluminum backing sheet. Magnetic is required.
- h. **Glassboards** shall be produced with low iron 1/4" tempered glass with polished edges, back painted white. Magnetic is required.
- i. **Tackboards** shall be plastic impregnated, color through, self-healing 1/4" thick cork over 1/4" hardboard backing or fabric laminated over 1/2" fiberboard (such as Homasote).
- j. Frames and trays shall be aluminum with concealed mechanical fastening devices. Mount boards to wall with necessary blocking in stud cavity.
- k. Guarantee shall be submitted to the University, signed by an officer of the manufacturer, stating that all chalkboards and markerboards which do not retain the original writing quality, erasing quality, and visual acuity for 20 years after acceptance, shall be replaced including installation, at no cost to the University.
- l. Chalkboards are prohibited in dust critical areas such as computer labs.

- m. Refer to **APPENDIX AB – OFOI CFCI MASTER LIST** to clarify which elements are furnished and installed by the University. These items shall appear on the construction documents, by the A/E, for coordination and noted appropriately as to whom is responsible for providing.
- 10.2. Display Cases
- a. In **Residence Halls**, discuss what types of framed enclosed display cases are desired, if any, in each lobby.
 - b. During the design process, the A/E shall discuss with the building users the desire for display cases in lobbies and other areas of the building.
- 10.3. Directories
- a. Wall mounted directories are required for new buildings, additions and renovated structures, other than Residence Halls. Directories shall have a graphic floor plan and be located near the elevator on each floor. Refer to **APPENDIX V – BUILDING DIRECTORIES** for additional information.
- 10.4. Dedication Plaque
- a. Each new named (person) building on campus shall have a dedication plaque included as part of the project and located in the lobby of the building. Location to be shown on the drawings and confirmed by University Leadership prior to permanent installation of the plaque. Plaque image and text to be provided by the university. Refer to **APPENDIX D – DEDICATION PLAQUE** for additional information.
- 10.5. Room Signage: Refer to **APPENDIX M- ROOM SIGNAGE**
- 10.6. Dimensional Letter Signage
- a. Refer to **CHAPTER TWO – CAMPUS DESIGN** for exterior building signage and plaques.
- 10.7. Evacuation Plans
- a. The A/E shall coordinate and produce an evacuation plan for review by the ODU Fire Safety Engineer and the Fire Marshall and for use in the facility as required by code.
- 10.8. Toilet Partitions
- a. See **CHAPTER 3 – SPACE REQUIREMENTS: Restrooms** for information
- 10.9. Wire Mesh Partitions (Reserved)
- 10.10. Demountable Partitions (Reserved)
- 10.11. Folding Panel Partitions
- a. Folding Panel partitions shall be overhead supported with no bottom track.
 - b. Typically, operation shall not be motorized except for special installations.
 - c. Sound rating shall be a minimum S.T.C. value of 50, sound rating above 50 is preferred, when appropriate and if budget allows.
 - d. The A/E shall detail, and include in the working drawings, the acoustical wall closure above the folding panel wall to coincide with the STC rating of the specified panel.
 - e. Accessories shall include automatic bottom seal and jamb seals and doors on storage pockets.
 - f. Passage doors, if requested by users, through operable partitions cannot be considered for primary circulation and cannot be used as required exists.
 - g. Discuss use of tack surface or markerboard surfaces with end users.
 - h. Accordion Partitions are not to be used.
- 10.12. Automatic Vertically Retractable Acoustical Wall(s)
- a. Acoustical operable walls that, when in the down position (closed) are hard, rigid, flat, plumb walls, made of a grid of rectangular acoustical panels, and when are lifted (opened), fold upward (vertically)

- without the use of any manual labor, in a manner similar to an accordion, into a pocket in the ceiling, between roof joists, or up between built in bulkheads. In the down (closed) position, the wall shall be comprised of two vertical planes of acoustical panels, separated by an acoustical air space.
- b. The operable wall shall open and close in a manner similar to an accordion, in that all wall panels fold and unfold at the exact same time, at the exact same rate.
 - c. Sound rating shall be a minimum S.T.C. value of 50, sound rating above 50 is preferred, when appropriate and if budget allows.
- 10.13. Wall Protection
- a. Wall and corner guards are required in corridors and other areas where service carts and moveable equipment will be used, such as food service areas. Discuss with the ODU Project Manager and the end users the need for wall protection within a building in schematic design so that the scope can be covered in the cost estimate.
 - b. In Food Service areas, provide stainless steel guards all outside corners.
 - c. Consideration should be made for recessed corner guards when aesthetics are a consideration such as in public lobbies.
- 10.14. Toilet Accessories
- a. See **CHAPTER 3 – SPACE REQUIREMENTS: RESTROOMS FOR INFORMATION**
- 10.15. Other Accessories
- a. Provide a double coat hook on the inside of all office doors.
- 10.16. Fire Protection Cabinets + Fire Extinguishers
- a. Refer to **CHAPTER 4 – DIVISION 21 – FIRE PROTECTION** for information associated with fire extinguishers and Knox boxes.
- 10.17. General Use Lockers
- a. Lockers shall be enameled steel unless project requirements dictate otherwise. **Size and quantity** will be shown on the drawings and determined by the user program.
 - b. Lockers shall have a sloped top, locker doors shall be vented with silencers, latch, and integral recessed hasp. Base shall be solid base with toe space and sanitary cove. Accessories shall include shelves, robe hooks and/or rods as defined by user. Base can be integral with the locker or built base as appropriate for the installation.
- 10.18. Special Use Lockers
- a. Special use Lockers are those associated with any athletic facility. The type, style, material, configuration etc. shall be carefully discussed with the athletic department and appropriate users early in the project so that their relative cost can be defined. The A/E shall specify that a mockup of each type of locker associated with a team or coach is required. The mock up will be reviewed and approved by the appropriate athletic personnel, prior to the A/E's approval of construction submittals and shop drawings.
- 10.19. Postal Specialties
- a. In Residence Halls provide 1 mailbox per room or 1 mailbox per bedroom. This is intentionally less than one mailbox per student. Discuss options to provide package pick up boxes with Residence Life.
 - b. The mailboxes for student residents shall be heavy duty, key-operated boxes and shall accept a BEST small format 7 Pin interchangeable core (BEST 8L series mailbox lock). Minimum size box shall be 3-

1/2" x 12" with viewer window and engraved number on each door. Boxes shall be rear loading type, mounted no lower than 18" AFF.

10.20. Metal Storage Shelving (Reserved)

10.21. Flagpoles (Reserved)

10.22. Banners

- a. Refer to the ODU website for logo use guidelines.
- b. Refer to the ODU Brand Book for additional information with regards to logo usage and branding as may impact other aspects of the design:
- c. The incorporation of banners into the building design must be approved by University Leadership. Banner graphics shall be coordinated with the University Office of Strategic Communication and Marketing.