

**OKLAHOMA STATE UNIVERSITY - BUILDING DESIGN STANDARDS**

PART 1 GENERAL

1.01 VISUAL DISPLAY SURFACES

A. MARKERBOARDS

1. WARRANTIES: Lifetime warranty required and shall indicate that under normal usage and maintenance, porcelain enamel steel markerboards are guaranteed for the life of the building.
2. DESIGNS: All product specifications, accessory items, colors, finishes, applications and details are to be reviewed and approved by OSU Architecture Services prior to the final development of the Construction Documents. Writing surface shall be standard white.

B. FIXED MARKERBOARDS

1. BUDGET ALLOCATIONS: Fixed classroom and public markerboards shall be considered Fixed Equipment and are funded within the Construction Budget.
2. MATERIALS AND CONSTRUCTION: Markerboards shall be porcelain enamel steel and shall be manufactured in accordance with Porcelain Enamel Institute's specification. Porcelain enamel finish shall be fusion bonded to a 24 gauge steel substrate at temperature necessary to reduce steel and porcelain stresses and achieve superior enamel bond and hardness.
  - a. Face Sheet: 24 gauge steel.
  - b. Core Material: 1/4" hardboard, 7/16" MDF or 3/8" particle board.
  - c. Panel Backing: aluminum foil or sheet moisture barrier.
  - d. Laminations: hot type neoprene contact adhesive to both surfaces with minimum of 80% coverage. Laminations shall be made by face sheet manufacturer.
3. TRAY: Standard continuous, solid box type aluminum tray with ribbed section and injection molded end closures.
4. MAP RAIL: Standard continuous, 2" map rail with cork insert and end stops at the top of each board. Furnish (4) map hooks every eight feet.

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C. PORTABLE MARKERBOARDS

1. REQUIREMENTS: Warranty, Selection Approval, Materials and Construction same as indicated for Fixed Markerboards.
2. BUDGET ALLOCATIONS: Portable Office Markerboards are considered Movable Equipment and acquired by the University utilizing a fund allocation within the total project funds but independent of the Construction Budget.
3. MATERIALS AND CONSTRUCTION: Markerboards shall match and coordinate with the design intent of the Construction Documents and Movable Equipment design. In general, they shall be porcelain enamel steel and required durability is same as for pool classroom use.

D. MARKERBOARDS

1. WARRANTIES: Lifetime warranty required and shall indicate that under normal usage and maintenance, porcelain enamel steel Markerboards are guaranteed for the life of the building.
2. DESIGNS: All product specifications, accessory items, colors, finishes, applications and details are to be reviewed and approved by OSU Architecture Services prior to the final development of the Construction Documents.

E. ELECTRONIC MARKERBOARDS

1. BUDGET ALLOCATIONS: Electronic Markerboards are considered technology equipment and acquired by the University as Movable Equipment. Conduits, power, data, blocking and other support for technology. Electronic markerboards shall be designed and funded within the Construction Budget.
2. CONSTRUCTION COORDINATION: Necessary power, data, blocking and other support for technology equipment shall be included in the Construction Documents.

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F. TACKBOARDS

1. **DESIGNS:** In public corridors and lobbies, the Architect shall make provisions for tack board and display areas as required by the project. These tack boards and display areas shall be integrated into the architectural design of the building. Typically, small tack boards are located outside each classroom, office, conference room and other areas of assembly for general memos and other information. Large tack boards and displays are located in public areas. The Architect shall be alerted to coordinate room signage, donor plaques, artwork and other graphics if these are scheduled to be in the same location. All product specifications, accessory items, colors, finishes, applications and details are to be reviewed and approved by OSU Architecture Services prior to the final development of the Construction Documents.

G. FIXED TACKBOARDS

1. **BUDGET ALLOCATIONS:** Fixed Classroom and public Tackboards are considered Fixed Equipment and are funded within the Construction Budget.
2. **MATERIALS AND CONSTRUCTION:** Tackboards shall be vinyl face, fabric faced or cork laminated to 1/2" thick mineral fiber board. Provide fabric and tackable core with flamespread rating of 25 or less when tested according to ASTM E-84.

1.02 DISPLAY CASES

- A. **DESIGNS:** In public corridors and lobbies, the Architect shall make provisions for display cases as required by the project. These display areas shall be integrated into the architectural design of the building. All product specifications, accessory items, colors, finishes, applications and details are to be reviewed and approved by OSU Architecture Services prior to the final development of the Construction Documents.
- B. **BUDGET ALLOCATIONS:** Built-in Display Cases are considered Fixed Equipment and shall be included in the Construction Documents.

1.03 DIRECTORIES

- A. **DESIGNS:** All product specifications, accessory items, colors, finishes, applications and details are to be reviewed and approved by OSU Architecture Services prior to the final development of the Construction Documents.
- B. **BUDGET ALLOCATIONS:** Building and floor directories are considered Fixed Equipment and included as Signage in the Construction Documents. See Signage for further information.

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- C. QUANTITIES: Each building shall have at least one primary directory in the main entrance of the building to serve the entire building. Secondary directories on each floor may be required depending on the complexity of the building.

1.04 SIGNAGE

- A. BUDGET ALLOCATIONS: All signage is considered Specialty items or Fixed Equipment and shall be included in the Construction Documents unless otherwise directed.

- B. PLAQUES

1. DESIGNS: Each new or renovated building shall have at least one Building Memorial Plaque and may have numerous Donor Recognition plaques or areas of Donor recognition. Consult with OSU Architecture Services for details applicable to each project.
2. BUILDING MEMORIAL PLAQUE: For new and renovated buildings, the Architect shall make provisions for a wall area in the main lobby or in the vestibule to the main lobby to be used for installation of a 12 inch x 18 inch bronze memorial plaque. The wall area shall be architecturally designed to provide an aesthetic setting for the plaque and shall be adequately lighted. Consult with OSU Architecture Services if the plaque is to be part of the Construction Documents or will be provided by the University at a future date. The Architect shall provide adequate blocking or other materials to support the Plaque as part of the Construction Documents.
3. DONOR RECOGNITION AND ROOM PLAQUES: The Architect shall be aware of and make provisions (space, applicable blocking, utilities and lighting) in the building for donor recognition areas and room plaques. Donor recognition items and the design of donor recognition graphics are funded outside the project budget. OSU Architecture Services is responsible for directing the design and installation of donor recognition.

1.05 INFORMATION KIOSKS

- A. DESIGNS: All product specifications, accessory items, colors, finishes, applications and details are to be reviewed and approved by OSU Architecture Services prior to the final development of the Construction Documents.
- B. BUDGET ALLOCATIONS: Information Kiosks are considered Fixed Equipment and included as Signage in the Construction Documents. See Signage for further information.

**END OF SECTION 10100**