1. This information provides guidelines for projection screens. Media infrastructure, marker boards, and acoustical standards relative to academic spaces and classrooms may be covered in other parts of these standards. Temporary facilities and controls are covered in other parts of these standards, or are available from the Facilities Management project representative.

2. Selection of materials, colors and sizes must be approved by Facilities Management project representative. The Academic Technology and User Services Department (ATUS) and Space Administration Department must be part of the design team.

3. Provide proof that design meets applicable code requirements, including ADA, electrical and building codes.

4. Require single-source responsibility supplier of systems as far as practicable.

5. Require general contractor to be responsible for verifying field measurements.

6. When working on existing buildings, match existing materials, profiles, sizes and color as closely as possible. Verify locations of screens with FM project representative. Coordinate locations of screens with marker board lights.

7. Front projection screens:
   a. Viewing surface of screen: Matte white viewing surface with standard black masking borders. Surface shall be washable.
   b. Check for drop requirements to set screen at appropriate viewing height.
   c. Screen sizes: Screens for viewing computer materials should be sized so that the width of the screen is no less than 4 times the distance from the screen surface to the farthest viewer in the rear of the room. A ratio of 6:1 may be used for screens used only for viewing media (e.g. slides, overhead projectors, video). Increased screen width may be required for rooms that are wider than normal.
   d. Screen dimensions: Center screens used for video or computer display must have dimensions compatible with computer/video display ratios. Secondary screens must have dimensions compatible for display of both slides and overhead projectors.
   e. Screens larger than six feet wide shall be motorized. Provide convenient maintenance access to all service points and electrical junction boxes.
   f. Acceptable manufacturers are Dalite Manufacturing and Stewart Screen.

8. Rear projection screens:
   a. Specify factory mounted frame assembly.
   b. Coordinate pre-engineered rear projection module if space constraints require mirror system.
   c. Prefer DaLite “Polacoat” screen systems. Coordinate exact substrate and optical coatings with Academic Technology and User Services Department (ATUS).

End