GENERAL DESIGN DOCUMENT

INTERIOR TRANSPARENT GLASS DOORS AND SIDELIGHTS

PART 1 - GENERAL

1.1 General
A. The purpose and intent of this guideline is to require reasonable and proper marking and construction of transparent interior glass doors and fixed adjacent transparent glass sidelights that would prevent personal injuries to all persons frequenting any area, building or structure where such transparent glass doors and sidelights are located. Any proposed markings on exterior doors or windows and inside buildings with original historic interior doors need approval from the University Architect – Campus Planning and Design Office.

1.2 DESIGN REQUIREMENTS
A. Markings. All interior transparent glass doors and fixed adjacent transparent glass sidelights shall be marked regardless of the type of glazing material used in their construction. Marking of all transparent glass doors and fixed adjacent transparent glass sidelights within six feet horizontally of the vertical edge of an opening in which transparent glass doors are located. The markings shall contrast visually with the background seen through the glass (both from inside and outside) in all lighting conditions.
B. Marking locations. Transparent glass doors and fixed adjacent transparent glass sidelights must be marked at least in two different levels on the glass surface.
   a. Lower marking. A first level defined between thirty (30) inches to thirty-six (36) inches above the ground, floor or the equivalent surface below the door or sidelight.
   b. Upper marking. The second level defined between fifty-six (56) inches to sixty-four (64) inches above the ground, floor or the equivalent surface below the door or sidelight.
C. Marking dimensions of the marking design must be:
   a. One decorative feature such as broken lines or continuous bands at least two inches in high or several bands adding to two inches on their combined vertical dimensions.
   b. A repetitive logo or feature that is repeated at each of the two levels described above with measurements of at least four inches in its least dimension.
   c. Any lettering or image of any size that fills at least fifteen (15) percent of each of the two levels described above.
D. Marking methods in addition to horizontal separation bars, muntin bars, or other equivalent bars may be comprised of the following options:
   a. Adhesive strips/Decals
   b. Chemical etching
   c. Sand blasting

1.3 EXCEPTIONS
A. Fixed adjacent transparent glass sidelights twenty inches or less.
B. Transparent glass doors and fixed adjacent transparent glass sidelights provided with horizontal or vertical separation bars, muntin bars, or equivalent bars at least one and a half inches in vertical dimension that extend across the total width of the glazed area and are located within both marking areas, or are located less than twenty-four (24) inches on-center.
C. Fixed adjacent transparent glass sidelights which are supported by opaque sill or wall construction of at least eighteen (18) inches above the ground.
D. Windows with permanent barriers such as decorative planters, benches, or other physical structures that prevent a person from approaching within thirty-six (36) inches on either side of a transparent sidelight/panel. It must be eighteen inches or higher and at least two thirds the total width of the glazed area of the sidelight to be considered as blocking a path of approach.

PART 2 PRODUCTS

1.4 MATERIALS

Several materials can be used for this purpose. However, a list of several pre-approved materials and finishes are:

1. Glazed: 3M™ Fasara™ Glass Finishes – Fine Crystal (SH2FNCR) or Cielo (SH2FGCE) manufactured by the 3M Company.

2. Stripes: 3M™ Fasara™ Glass Finishes – Shutie (SH2FGST) or Vista (SH2FGVI) manufactured by the 3M Company. In stripes two (2) inches to six (6) inches wide as long as at least two (2) inches of such stripe falls inside each of the two marking areas.

3. Dots: 3M™ Fasara™ Glass Finishes – Fine (SH2FGFN) or SHIZUKU (SH2FGSK) manufactured by the 3M Company.

PART 3 EXECUTION (Not Used)

PART 4 APPENDIX (Next Page)

Examples of markings below

END OF SECTION