SECTION 08810
GLAZING (final)

PART 1 - GENERAL

1.01 This section includes performance level standards for the selection of glazing materials and installation requirements, including requirements for testing.

1.02 No storage is available for maintenance stock.

1.03 RELATED WORK

A. Section 00100 General Conditions for as-built samples

PART 2 - PRODUCTS

2.01 INSULATED GLASS

A. Insulated low E glass shall be used on all exterior applications.

B. A 10-year written warranty guaranteeing the insulated glass will not fog or exhibit any other evidence of seal failure shall be required.

C. Ensure that glazing sealant is compatible with outer edge seal of insulated units.

2.02 SAFETY GLASS

A. All sloped glass and overhead glass shall be laminated safety glass.

B. Glass in doors and glass near doors shall be laminated safety glass.

C. At a minimum, one layer of glass for entrances and storefronts shall be laminated safety glass.

D. Wire glass shall only be used when needed at fire-rated doors and partitions.

2.03 SPANDREL GLASS

A. “Ceramic frit” type spandrel glass shall be used.

B. “Back painted” or film type spandrel glass shall not be allowed. These coatings and films can easily flake and peel causing serious problems.
2.04 Reflective glass shall not be allowed unless otherwise approved by a Brown University Project Manager.

2.05 Mirrors shall have copper and paint back-coatings to protect the silver surface from tarnishing.

2.06 If glass entrances or wall systems are frameless, a form of visual identification shall be required at eye-level. Identification shall be in the form of etching, graphic decaling or sandblasting.

2.07 Selected sealants shall be of low toxicity and without odor.

END OF SECTION