



## **GLASS HANDRAIL SYSTEMS**

### **SPECIFICATIONS**

#### **Part I GENERAL**

Stainless steel, brass, or aluminum glass railing components shall be installed by a licensed contractor qualified in the erection of architectural metals.

Structural requirements shall be set by local city, county, or state codes.

Related work will be covered by other sections of the specification for related work.

In accordance with most codes, railings shall be capable of withstanding a load of at least 200 pounds applied at any point and in any direction along the length of the rail. *(Please check with local codes for variations.)*

#### **QUALITY ASSURANCE**

Drawings are based on specified type and style of all glass handrail systems as manufactured by Alpha Door & Rail, Inc.

#### **Part II CODE ACCEPTABILITY**

Alpha Door & Rail products generally conform to existing codes and regulations, but with variations in federal, state, county, and city code requirements it shall be the responsibility of the building owner, architect, and installation subcontractor to comply with applicable building codes and laws.

These specifications are necessarily general in nature. It is expected that they will be altered by the architect/designer to suit the needs of each particular installation.

#### **Part III PRODUCTS**

Approved manufacturer: Alpha Door & Rail, Inc.

Rail system is designed for 1/2" tempered float glass to be supplied by the contractor.

Stainless steel shall be Type 304 (interior) or Type 316 (exterior) and finished in accordance with job requirements.

Brass components shall be Type 385 and finished in accordance with job requirements.

Aluminum extrusions and components shall be 6063T52 and finished in accordance with job requirements.

Standard finishes include #8 and #4 finish for stainless steel and brass, and mill finish (as extruded) for aluminum components.

Custom finishes are available for aluminum components include powder coating, electrostatic paint, and anodizing.

#### **Part IV EXECUTION INSTALLATION**

It is the responsibility of the contractor and sub-contractor to examine all handrails prior to installation. Qualified installers, in accordance with approved shop drawings and/or industry standards, shall install all handrail systems.