



## Stainless Steel Handrailing – Type HR

### Part 1- General

#### 1.1 Standards

- .1 Conform to CSA W59.1 -M191 Welded Stainless Steel Construction and CSA W47.1-M1987 Certification of Companies for Fusion Welding of Stainless Steel.

#### 1.2 Quality Assurance

- .1 Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.1-M1987, Certification of Companies for the Fusion Welding of Stainless Steel.

#### 1.3 Shop Drawings

- .2 Submit shop drawings in accordance with Section 01300 - Submittals.
- .3 Indicate materials, thicknesses, weld symbols, reinforcement, details and accessories.
- .4 Manufacturer shall supply installation drawings and instructions.
- .5 Shall be stamped by a P.Eng. registered in the Province of Ontario

### Part 2- Products

#### 2.1 Materials

- .6 Structural Shapes: 304 or 316L Type Stainless Steel
- .7 Fasteners and Anchoring Systems: 304 or 316 stainless steel.
- .8 Slip resistant, perforated rung material: 304 or 316L Stainless Steel.

#### 2.2 Fabrication

- .1 Fabricate square, true, and accurate to required size, with joints closely fitted. Remove all burrs and sharp edges.
- .2 Paint all surfaces coming in contact with concrete with one thick coat of bituminous paint or isolate with neoprene.

### Part 3- Execution

#### 3.1 Installation

Install railings where indicated on the drawings.