1.1 GENERAL

1.2 Related Technical Requirements
.1 Section 05 00 00 Metals

1.3 Co-ordination Requirements
.1 All trades.

1.4 Description
.1 Miscellaneous metal fabrications including:
   .1 Handrails, guards and balustrades (handrails & guardrails attached to or inside buildings are considered to be structural items requiring certified welding).
   .2 Non-structural steel angles, plates, brackets and closures.
   .3 Metal stairs and ladders.
   .4 Loose steel lintels.
   .5 Rough hardware and fasteners.
   .6 Burglar bars.

1.5 Performance Standards
.1 Determine applicable CSA, ASTM, and similar standards.

1.6 Quality Control and Assurance
.1 Submittals
   .1 Shop drawings sealed and signed by Design Engineer.

   .2 Quality Assurance
   .1 A Professional Engineer Registered in BC and engaged by the fabricator to engineer components including connections where listed and/or required by BCBC, seal and sign shop drawings, and provide related Letters of Assurance for Professional Design, Field Review and Building Code Compliance. Costs to be included in the Contract Price.

2.1 MATERIALS

2.2 Performance Requirements
.1 None.

2.3 Prescriptive Requirements
.1 Materials
   .1 All metals must be galvanized at a minimum.
   .2 Exterior metal works are preferred to be stainless for high visibility areas.
   .3 Exterior metal works in lower visibility areas are preferred to be powder coated painted.
   .4 Galvanized metals are accepted on non-visible utility locations.
   .5 All visible joints to be fillet welded and ground to finish according to industry standards.

***END OF SECTION***