

## **05000 - METALS**

### I. DESIGN

- A. All design and related calculations for structural elements and connections falling under this section shall be performed under the supervision of a Professional Engineer (PE), licensed in the Commonwealth of Virginia; and, all structural drawings and calculations shall be sealed, signed and dated by the PE.
- B. Structural steel designs and drawings shall conform to all requirements of the Fairfax County Special Inspections Manual (FC-SIM) and American Institute of Steel Construction (AISC).
- C. Project specifications shall specifically require the Contractor to comply with all requirements of the FC-SIM and AISC where applicable. Any requirements of the FC-SIM and AISC which are not specifically identified as a requirement of the Contractor shall be considered to be a requirement of the Architect and the Structural Engineering Consultant.
- D. All welders must be certified by American Welding Society (AWS). Contractor must submit copies of certifications for all welders before the welders will be permitted to work on the project.
- E. Contractor must touch up paint and/or primer after erection of steel or other metals. Specifications must be clear that primer is not considered a finish coat where finished metal is required.