PART 1  GENERAL
1.01  SPECIAL PERMITTING REQUIREMENTS
   A. Hotwork requirements are identified in the General Conditions of the Contract for Construction.

1.02  QUALITY ASSURANCE
   A. Comply with current recommendations of the American Institute of Steel Construction (AISC).
   B. Structural Steel Fabricator should be AISC certified.

1.03  APPLICATOR QUALIFICATION/CERTIFICATION
   A. Welders to be employed in the work shall have AWS qualification verified within the previous 12 months.

PART 2  PRODUCTS
2.01  MATERIALS
   A. Materials shall be prepared in accordance with SSPC SP 3 and provided with a shop-applied single coat of primer except:
      1. Steel to be encased in concrete
      2. Surfaces to be field welded
      3. Surfaces to receive fireproofing
   B. Steel exposed to weather (steel lintels and shelf angles for masonry) shall be hot dipped galvanized (ASTM A123).

2.02  ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
   A. Where AESS is used, provide specific finish recommendations. Consider using Rocky Mountain Steel Fabricators Association methods.

PART 3  EXECUTION
3.01  FIELD QUALITY CONTROL
   A. Field correction of fabricated items by gas cutting shall not be permitted unless authorized by the Architect.

3.02  TESTING AND INSPECTIONS
   A. Notification: Contractor shall work with the Owner to schedule Owner’s inspections and testing.
   B. Owner will provide special inspections as required by the IBC and ACI 360 Chapter N.
   C. Owner will provide testing and inspection services through Owner’s testing agent for Owner’s information.
   D. Contractor shall provide additional testing to assure compliance with the contract documents, at Contractor’s expense.
   E. All test and inspection reports shall be distributed to the Contractor, Owner and Architect as soon as results are available.

END OF SECTION 05 12 00