

SECTION 051200 – STRUCTURAL STEEL FRAMING

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

1.2 SUMMARY

A. This Section includes fabrication and erection of structural steel work, as shown on drawings including schedules, notes, and details showing size and location of members, typical connections, and types of steel required.

1. Structural steel is that work defined in American Institute of Steel Construction (AISC) “Code of Standard Practice” and as otherwise shown on drawings.
2. Furnish loose lintels and loose beam bearing plates.

B. Related Sections: The following Sections contain requirements that relate to this Section:

1. Division 1 Section “Structural Special Inspection.”
2. Division 3 Section “Cast-in-Place Concrete.”
3. Division 4 Section “Unit Masonry.”
4. Division 9 Section “Painting.”

1.3 PERFORMANCE REQUIREMENTS

1.4 SUBMITTALS

1.5 QUALITY ASSURANCE

1.6 DELIVERY, STORAGE, AND HANDLING

1.7 SEQUENCING

PART 2 - PRODUCTS

2.1 MATERIALS

2.2 PRIMER

2.3 GALVANIZING MATERIALS

2.4 GROUT

2.5 FABRICATION

2.6 SHOP CONNECTIONS

2.7 SHOP PRIMING

2.8 GALVANIZING

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 PREPARATION

3.3 ERECTION

3.4 FIELD CONNECTIONS

3.5 QUALITY CONTROL

3.6 CLEANING

END OF SECTION 051200