SECTION 055000 – METAL FABRICATIONS

PART 1: GENERAL

1.1 Scope of Standard

A. This standard provides general guidance concerning the specific preferences for metal items manufactured to conventional details from standard metal shapes and plates that do not fit specifically in other locations.

B. Project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern.

1.2 Reference Standards

A. Refer also to Section 099100A, Coatings and Paint Systems for general guidance concerning the specific preferences of WVU for exterior and interior coating and paint systems for brick, CMU, concrete, gypsum board, plaster, steel and stucco.

B. Separate Sheet

1.3 Quality Control

A. Galvanizing requirements: All exterior ferrous metals shall be hot-dip galvanized after fabrication.

B. Lintels for plumbing, hvac, and electrical installations: Specify that the General Contractor furnish lintels for all openings through walls when openings are shown on the architectural or structural (General Contract) drawings. Note all such lintels and openings to require coordination of work and exact locations, by affected contractors. All such plumbing, HVAC, electrical, and sprinkler openings must be coordinated and shown on the Architectural and/or Structural Drawings.

C. Galvanized metals: Accessibility, maintenance, and appearance each will govern the satisfactory use of galvanized materials. Coordinate design efforts through the WVU project representative. Care must be taken to assure use with only compatible materials.

D. Fabricated assemblies that are to be galvanized shall be assembled into largest sections as possible in the shop to minimize field welding and resultant coating failure.

E. Galvanized field welds shall be treated with compatible and approved galvanized paint.

PART 2: PRODUCTS – NOT USED

PART 3: EXECUTION – NOT USED

END OF SECTION 055000