SECTION 5: METALS

This section of the Standards establishes minimum requirements only and is to be used to guide, and not replace, the complete project specification section. The Architect and/or Engineer shall further produce project specifications in line with industry standards that incorporate these University requirements.

➢ PROJECT GUIDELINES
   ▪ See Section 4: Unit Masonry for information on Steel Lintels and Shelf Angles

   ▪ Metal Roof Deck: All metal roof decks must be hot-dipped galvanized (to appropriate ASTM Standards).

   ▪ Guard Rails and Handrails: Specify hot-dipped galvanized steel for all exterior locations exposed to weather. Alternatively, stainless steel, bronze, anodized aluminum, and other materials may be used with UD approval.

   ▪ Handrails in concrete paving and walks may be set in sleeves or core drilled holes. Depth of core must be not less than 4-inches deep and of a diameter not less than 1-inch wider than outside pipe diameter. Set rails in non-shrink, erosion resistant grout.

   ▪ Where end caps or post caps are required, they should be permanently fastened by welding or with rivets or screws which cannot be easily removed.

   ▪ DO NOT use mechanically fastened material unless as approved by project team.

   ▪ DO NOT Insert posts into coping stones.

   ▪ DO NOT Core drill handrail post closer than 6” from center line of post to edge of masonry.

   ▪ DO NOT anchor handrail posts to stone or concrete steps

➢ END OF SECTION