

DIVISION 5 - METAL

5.1 Steel Shapes and Plates

All hot-rolled shapes, plates, and anchor bolts shall conform to ASTM A36. Anchor bolts shall be designed by the pre-engineered metal building manufacturer.

5.2 Steel Pipe

Steel pipe handrails and guard posts shall be as detailed, and shall be of standard weight (Schedule 40) steel pipe conforming to ASTM A53, Type E or S, Grade B.

5.3 Welds

All welds shall be performed with E70XX electrodes. All welding to conform to American Welding Society "Structural Welding Code", latest edition. Grind smooth all exposed welds.

5.4 Shop Coat Primer

All miscellaneous ferrous metal items, unless noted, shall receive one shop coat of metal primer. Minimum dry film thickness of primer shall be 1.5 mils. Primer shall be Sherwin Williams "Shop coat Primer E61 RC21", or approved equal.

END OF SECTION