



DIVISION 5 METALS

GENERAL

All exterior exposed ferrous material, including ornamental frames, steel gratings, stairs, handrails, plaques and structural elements shall be hot-dipped galvanized after fabrication and protected from corrosion by a method acceptable to the Owner. Preference should be given to final finishes that are maintenance free (no cyclic painting).

Using screws to attach metal roof decks to structures is recommended, but attachment of metal decks by welding is allowed, with the condition that the welding be inspected and approved by the Consultant prior to installation of the final roof covering. The Consultant shall inspect composite deck assemblies.

Anchorage of structural elements or ornamental assemblies shall be clearly detailed. Bolt sizes shall be indicated.

Where downspouts are utilized in the building design, cast iron boots shall be provided to connect downspouts to underground drainage lines.

Tolerances, connections, attachment to metals, coping and clearances shall be detailed on the construction documents.

Metal materials/products shall contain the maximum amount of recycled content allowed that retains material integrity and contain as much locally harvested and processed or extracted and processed material (within 500 miles) as feasible.

Any adhesives or sealants used must comply with maximum allowable VOC requirements. Submit product cut sheets indicating recycled content, place of origin, and VOC levels. Track all purchases as a percentage of total spend complying with each sustainability criterion.

END OF DIVISION 5