

Division 5 - Metals

05080 - Shop Painting

- 1. Has it been specified that lead and chromate-free, non-asphaltic, rust-inhibiting primer shall be used?
(Specific drawing sheet #/specification page # _____)
- 2. Has it been specified that all exposed iron and steel items must have additional coats applied at the job? Has the A/E coordinated this with Division 9 – Finishes?
(Specific drawing sheet #/specification page # _____)

05120 - Structural Metal

Does all structural steel work comply with AISC "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings" and applicable ASTM Standards?
(Specific drawing sheet #/specification page # _____)

05500 - Metal Fabrications

- 1. Has it been specified that at least three mils of paint are required on all steel lintel surfaces in interior walls, if not galvanized? Has it been specified to use galvanized steel angles in all exterior masonry, stone or precast concrete walls and in all interior walls where used in conjunction with stone?
(Specific drawing sheet #/specification page # _____)
- 2. Do all metal components conform to applicable ASTM requirements, including gratings, castings, supports for ceiling hung equipment and framed partitions, construction inserts and fastening devices, expansion joint inserts and covers, stair nosing and access doors for both ceiling and wall applications, vertical ladder for elevator pit, welded steel ladder (to meet OSHA), elevator pit sump gratings, corner guard angles, steel angles, channels and clips, pipe sleeves for mechanical and electrical trades, trench drain gratings and frames, galvanized steel corner guards and miscellaneous structural shapes?
(Specific drawing sheet #/specification page # _____)

05520 - Handrails and Railings

Have the following guidelines been followed?

- 1. All applicable codes, including Florida Building Code, Life Safety Code, and ADA requirements met.
- 2. Clear anodized aluminum is the preferred material for its low-maintenance characteristics in prominent locations. Exit stairs, etc., may be welded standard steel pipe unless the A/E's design requires another material for visual reasons. Alternate materials and designs must be approved by the FAU Project Manager.
- 3. Finish on steel railings shall be fluorocarbon or siliconized polyester.
- 4. Exterior handrails subject to being hit by maintenance equipment, mowers, etc., shall be protected from such abuse by their design and/or made of

steel pipe.
(Specific drawing sheet #/specification page #_____)

05530 - Tree Grates

If tree grates are required, have the specifications indicated dimensions as required for each application, with concentric patterns having gray cast iron frame sections and gray cast iron grate bolted to the frame?
(Specific drawing sheet #/specification page #_____)

05800 - Expansion Control

Is the system complete and of compatible materials to produce waterproof expansion joint seals including matching wall, deck and wall, wall and roof and wall intersection systems?
(Specific drawing sheet #/specification page #_____)

End of Division 5 – Metals.