

050000 Metals

Sections Included In This Standard:

- 1.1 Light Gauge Metal Framing
- 1.2 Cold-Formed Metal Framing
- 1.3 Metal Fabrications

1.1 LIGHT GAUGE METAL FRAMING

A. INTERIOR WALLS

1. See Standard 090000, Finishes
2. ~~Metal framing shall be used for interior wall partitions. The use of wood framing is not acceptable.~~
2. ~~Steel studs shall be 22-gauge or heavier. The use of 25-gauge wall studs is prohibited.~~
3. ~~All metal stud framing shall be spaced a maximum of 16" on center.~~

1.2 COLD-FORMED METAL FRAMING

A. EXTERIOR WALLS: (refer also to Section 040000)

1. The use of structural cold-formed metal-framed exterior backup walls is permitted and shall meet criteria as outlined in the most current publication of the American Brick Institute.

1.3 METAL FABRICATIONS

A. HANDRAILS: Railing system and all mechanical fasteners used in the assembly of railing system shall be manufactured from stainless steel or aluminum (anodized or powder-coated). For posts set in concrete, furnish matching sleeves or inserts not less than 5 inches long.

B. FIXED VERTICAL LADDERS:

- a. Fall protection required for all fixed ladders 24' or higher.
- b. Cages are not an acceptable form of fall protection. Personal Fall Arrest or Ladder Safety Systems must be used.
- c. Applies to all replacements and new installations of fixed ladders 24' or higher.
- d. Repairs to existing cages on fixed ladders 24' and over are not permitted. The repair must instead install an acceptable form of fall protection.

END OF SECTION