

SECTION 05 40 00 - COLD-FORMED METAL FRAMING

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

- A. Performance Requirements:
 - 1. Deflection Limits: L/360 typical except L/720 at backup wall framing supporting exterior masonry veneer.
- B. Engineering design of cold-formed metal framing by Contractor.

1.2 DEFINITIONS

- A. Cold-formed metal framing includes:
 - 1. Exterior and interior load-bearing wall framing.
 - 2. Exterior non-load-bearing wall framing.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Steel Sheet: ASTM A 1003/A 1003M, Structural Grade, G90, metallic coated.
- B. Load-Bearing Wall Framing: Standard C-shaped, punched steel studs and U-shaped, unpunched track.
 - 1. Minimum Steel Thickness: 0.054 inch (16 gauge).
- C. Exterior Non-Load-Bearing Wall Framing: Standard C-shaped, punched steel studs and U-shaped, unpunched track.
 - 1. Minimum Steel Thickness: 0.054 inch (16 gauge).

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Fasten framing by welding or screw fastening.
 - 1. Load-Bearing Wall Stud Spacing: 16 inches maximum.
 - 2. Exterior Non-Load-Bearing Wall Stud Spacing: 16 inches maximum.

END OF SECTION 05 40 00