

05 40 00 – Cold-Formed Metal Framing

DIVISION 5 - Metals



STATEMENT OF PURPOSE & BACKGROUND

- Scope:
 - Selection and installation of load-bearing and non-load-bearing steel studs for exterior walls and other framing as required.
- Statement of goals:
 - Provide consistent, high quality products complying with all industry standards.
- Revision history of section:
 - 06/22/2018 (date of adoption)
 - 10/28/2022

OUTLINE SPECIFICATION

- Part 1 General
 - Formed steel stud exterior wall and interior wall framing and accessories as noted in construction documents.

- Part 2 Products
 - Acceptable Manufacturers:
 - ClarkDietrich Building Systems
 - Craco Manufacturing
 - SCAFCO Corporation
 - Equivalent manufacturers **approved, in writing, in advance, by the Architect**, may be substituted in accordance with the provisions of the Contract.
 - Company specializing in manufacturing products in this section with minimum ten years documented experience.
 - Cold-Formed Metal Framing:
 - Steel Studs: Channel, “C” or “Sigma” shape with punched web.
 - Track: “U”-shaped track to match width of studs, unpunched.
 - Gauge and depth: as required to meet specified performance levels.
 - Galvanized coating.
 - Exterior Non-Load Bearing Steel Framing:
 - Steel studs: Standard “C”-shaped studs of web depths indicated, punched, with stiffened flanges as required.
 - Track: “U”-shaped, unpunched, unstiffened flanges.
 - Grade: 16 gauge minimum.
 - Corrosion protection per G90 Galvanizing per ASTM A653.
 - Provide vertical deflection clips.
 - Accessories
 - Provide accessories of manufacturer’s standard thickness and configuration, to include supplementary framing, bracing, bridging, zee channels, web stiffeners, clips, braces, gusset plates, and other items as detailed or specified.
 - Provide thermally broken Z-girts or spacers in exterior metal framed wall assemblies to reduce thermal bridging.
 - Thermazee
 - GreenGirt

- Cascadia Clips
- Part 3 Execution
 - Per Consultant and / or manufacturer specification.
 - Remove and replace work that does not comply with specified requirements.

End of Section