

# DIETRICH specification OPTIONS

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## ARCHITECTURAL SPECIFICATIONS FOR COLD-FORMED METAL

### PART 2 - PRODUCTS 2.01 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide cold-formed metal framing by one of the following:
1. Clark Steel Framing Industries.
  2. Consolidated Systems, Inc.
  3. Dale Industries, Inc.
  4. Dietrich Metal Framing
  5. CEMCO
  6. Unimet, Inc.

### 2.02 MATERIALS

- A. Steel Sheet: **ASTM A 653/A 653M structural steel, zinc coated, of grade and coating as follows:** ASTM A1003 Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members of grade and coating weight as follows:
1. Grade: 33 for 18 gauge and lighter units.
  2. Grade: 50 (340) for 16 gauge and heavier units.
  3. Coating: G60 or equivalent per ASTM C955.

### 2.03 METAL FRAMING

- A. Steel Studs: Manufacturer's standard C-shaped steel studs, of web depths indicated, punched, with stiffened flanges, complying with ASTM C 955, and Minimum Base-Metal Thickness: to satisfy Section Modulus (S) and Moment of Inertia indicated.
- B. Track: Manufacturer's standard U-shaped track, of web depths indicated, un-punched, with straight flanges, complying with ASTM C 955.

### 2.04 NON-LOAD-BEARING FRAMING

- A. Steel Studs: Manufacturer's standard C-shaped steel studs, of web depths indicated, punched, with stiffened flanges, complying with ASTM C 955.
- B. Steel Track: Manufacturer's standard U-shaped steel track, of web depths indicated, un-punched, with unstiffened flanges, complying with ASTM C 955.
- C. Double Deflection Tracks: **Manufacturer's double, deep-leg, U-shaped steel tracks, consisting of unnotched inner and outer tracks, unpunched, with unnotched flanges.**
1. Single slotted slip deflection: Manufacturer's single, deep-leg, U-shaped slotted deflection track with 1-1/2" vertical slots to ensure positive attachment; unpunched, with unstiffened flanges, of web depth to contain studs while allowing free vertical movement designed to support horizontal and lateral loads and transfer them to the primary structure
  2. Double Deflection Track: **Manufacturer's double, deep-leg, U-shaped steel tracks, consisting of unnotched inner and outer tracks; unpunched, with unnotched flanges**
  3. Outer Track: Of web depth to allow free vertical movement of inner track, with flanges designed to support horizontal and lateral loads.
  - D. Vertical Deflection Clips: Manufacturer's standard clips, capable of accommodating up-ward and downward vertical displacement of structure.

The following specification options are available from Dietrich Metal Framing:

#### 1. PRODUCT MASTERSPEC\*

P R O D U C T

MASTERSPEC™

#### 2. MANUSPEC™



#### 3. BUILDING SYSTEMS DESIGN, INC.



#### 4. ARCAT\*\*



#### 5. 4SPECS.COM



#### 6. SWEETS



#### 7. DIETRICH METAL FRAMING

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