

## Shaftwall Studs (C-H Studs)

### DESCRIPTION

Shaft-Wall Studs are fabricated in 2-1/2", 4" and 6" widths from 25 gauge to 20 gauge steel, 1 1/2" deep. All edges (except for one lip return) are hemmed.

### MATERIALS

Shaft-Wall Stud section is fabricated from hot dipped galvanized steel conforming to ASTM A653 or equal, Grade 33 (fy=33KSI).

### COLOR CODE

- 18 mil - Clear
- 30 mil - Pink
- 33 mil - White

### ASTM & CODE STANDARDS

- IBC 2006/2009
  - AISI NASPEC 2007
  - UL Fire Resistance Rating ANSI/UL 263: Design No. U428, U429, U438, U459, U467, U469, U492.
  - Meets or exceeds:
    - ASTM C955 & ASTM C645
    - ASTM E119 & E90
    - ASTM A370
    - ASTM A1003
    - ASTM C1513 & C754
- Please reference Steeler ICC-ES Report ESR-2054 for further information. Available for download at [www.steeler.com/technicalinfo.php](http://www.steeler.com/technicalinfo.php)

### MANUFACTURER CONTACT INFORMATION

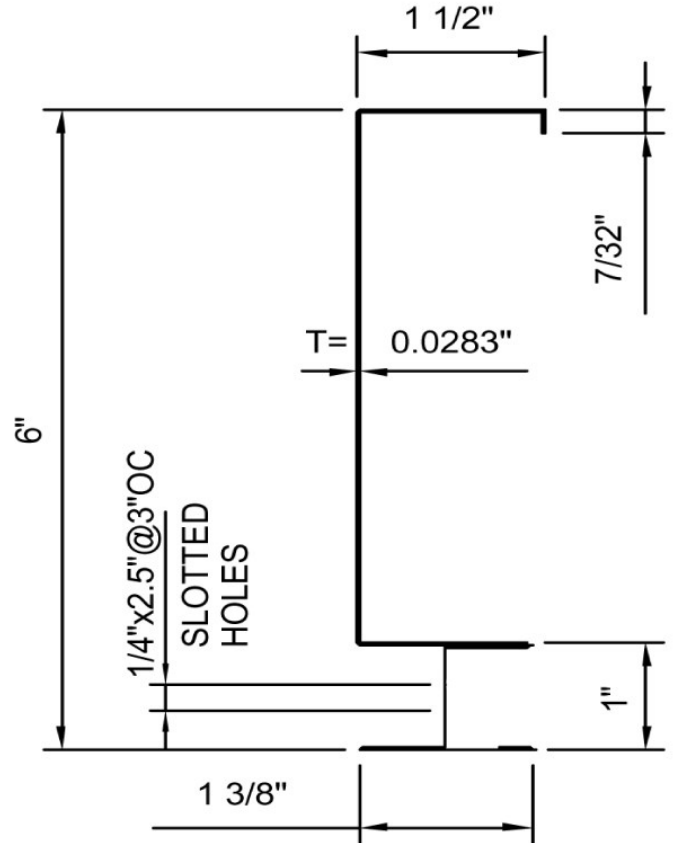
Seattle Plant | 10023 MLK Jr. Way S. Seattle, WA 98178 | P: 206-725-2500

Newark Plant | 6851 Smith Ave. Newark, CA 94560 | P: 510-505-9574

### STEELER LEED® INFORMATION

**LEED Credit MR 2:** Steeler framing products are manufactured from cold-formed steel (CFS). CFS is 100% recyclable and therefore contributes significantly to LEED Credit MR 2. The specific contribution amounts will vary depending on the project and construction decisions.

**LEED Credit MR 4:** Steeler framing products contain a minimum of 26% post-consumer and 7% pre-consumer recycled steel content for a minimum of 33% recyclable. Recycled content of materials contributes to LEED Credits MR 4. If notified in advance, Steeler can order steel containing higher percentages of recycled content to meet your specific project needs. Contact Steeler technical services prior to ordering so we can help support your project goals.



Steeler Shaftwall Stud Member Property Tables

Member ID Designation	Dimensions in	Area in <sup>2</sup>	Wt. lb/ft	I <sub>xe</sub> in <sup>4</sup>	S <sub>xe</sub> in <sup>3</sup>	Max k-in	Vay kips
250 H150-027	2.50	0.1994	0.7906	0.1103	0.1103	2.1789	0.4619
250 H150-030	2.50	0.2270	0.8678	0.1829	0.1234	2.4388	0.5080
250 H150-033	2.50	0.2576	0.9575	0.2040	0.1393	2.7517	0.5620
400 H150-027	4.00	0.2059	0.9350	0.4812	0.1917	3.7886	0.6848
400 H150-030	4.00	0.2358	1.0270	0.5523	0.2256	4.4579	0.8323
400 H150-033	4.00	0.2698	1.1340	0.6279	0.2611	5.1599	1.0236
600 H150-027	6.00	0.2083	1.1274	1.1442	0.2839	5.7831	0.4185
600 H150-030	6.00	0.2389	1.2391	1.3023	0.3285	6.4910	0.5610
600 H150-033	6.00	0.2742	1.3693	1.4998	0.3868	7.6430	0.7660

