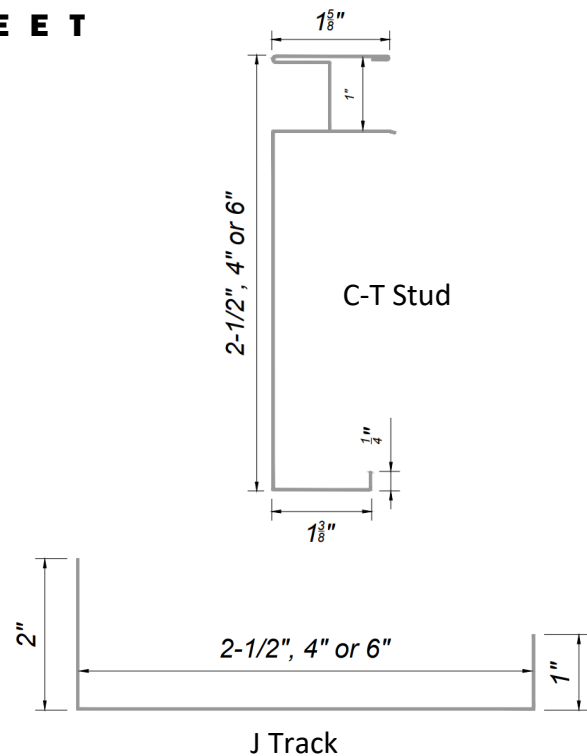
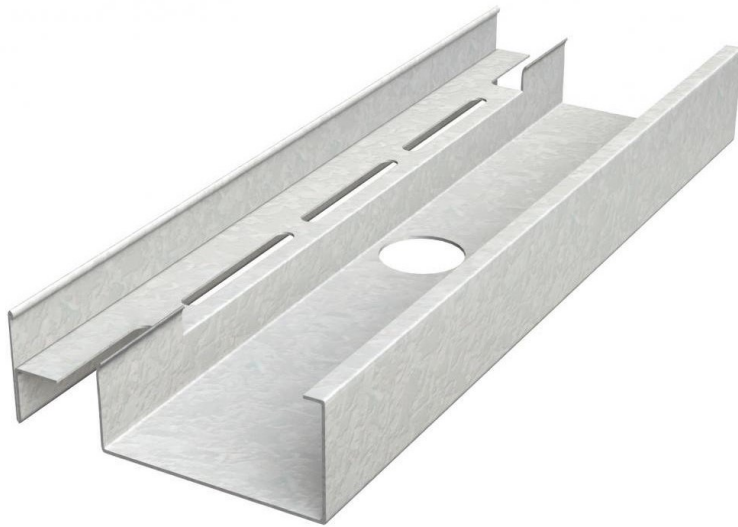


SHAFTWALL FRAMING

DATA SHEET



The two primary framing components in Shaftwall framing is the liner board and C-T Studs and J Tracks, manufactured from galvanized steel that meets the requirements of ASTM A 653 and A 924.

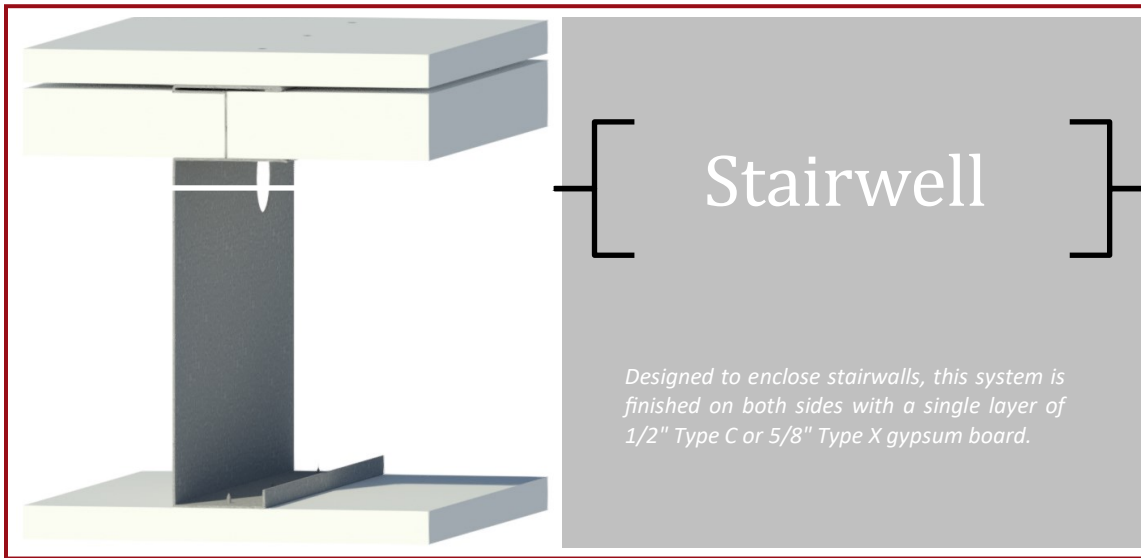
The 2-1/2" steel framing system retains the popular 3-1/2" wall thickness with a two-hour fire rating to accommodate standard door framing dimensions. The 2-1/2" stud provides a 1-1/2" air cavity for services. Studs are friction-fitted between top and bottom J Tracks. Use J Tracks for all closure details, including duct and door openings, abutments, intersections, etc. No other special metal components are required.

Engineered for durability, our systems withstand the air-pressure surges of high-speed elevators as well as the lateral impact of stairway doors.

Easy Installation

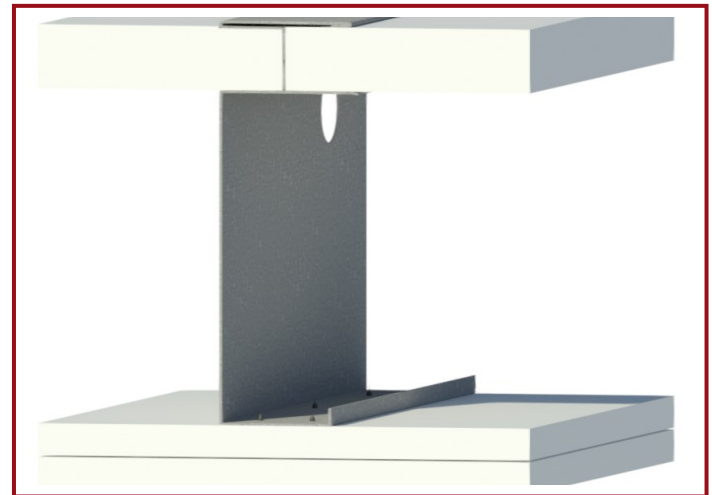
Because shaftwall assemblies are built from one side only, there's no need to access the inside of the shaft. The C-T Stud and J-Track steel framing members go up quickly.

Most configurations require only two steel components and two types of gypsum board. That makes our systems ideal for furred chases and interior partitions where fire ratings are required for exterior walls and access is restricted.



Installation Recommendations:

- Use a fastening plate to secure the J Track whenever fasteners are closer than 4" to the edge. Setting the plate at the time of concrete construction will avoid spalling by mechanical fasteners
- Cut C-T studs 3/4" less than height of the opening
- Cut 1" panel 3/4" less than height of the opening
- In structural steel-frame construction, install J Track sections before applying spray-on fire-proofing
- Joint compounds should be installed at ambient temperatures above 10 degrees Celsius with adequate ventilation
- Use type S screws for 25 gauge steel framing
- Use type S-12 screws for 20 gauge (or heavier) steel framing
- It is important that the job structural engineer approves the type, size, maximum spacing of track fasteners to meet the design load requirements



Shaftwall

A 2-hour fire-resistive, non-load bearing non-combustible partition designed to enclose shaftwalls, containing elevators, ducts, piping, air shafts and similar construction applications. System consists of 1" shaftliner panels supported by 2-1/2", 4" or 6" C-T studs and faced on one side with two layers of 1/2" Type C or 5/8" Type X gypsum board.



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Material:

C-T studs and J Tracks available in 2-1/2", 4" (25ga & 20ga) and 6" (20ga), 33ksi tensile strength

Shaftwall framing is manufactured from galvanized steel that meets the requirements of ASTM A 653 and A 924, AISI North American Specification [NASPEC] S100-07 with 2010 Supplement, and is IBC 2006, 2009, & 2012 Compliant. Non-Structural framing is produced to meet or exceed ASTM C645, A653, and A1003.