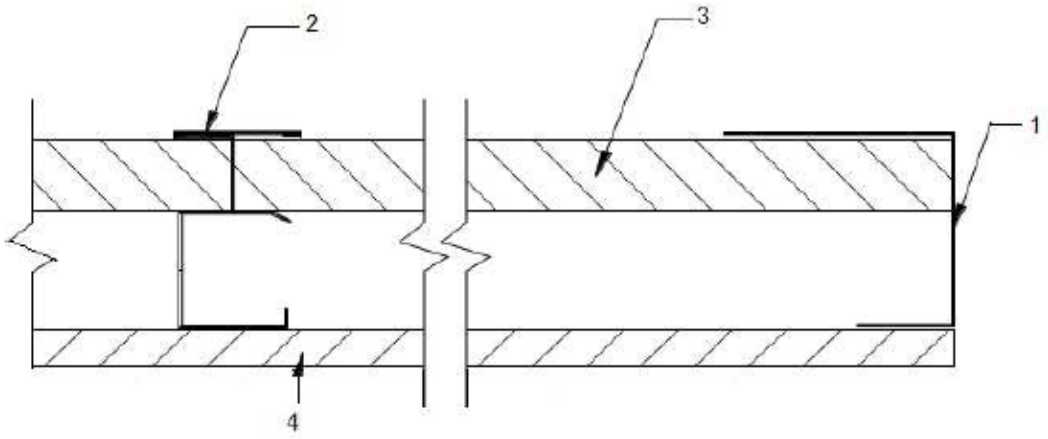
ClarkDietrich®
Design No. CD/WA 60-01
Non-Load Bearing Shaftwall Assembly
ASTM E119 and CAN/ULC S101
Fire Resistance Rating: 1 Hour
Design Weight 6.5 psf



STC Rating, As Shown Above: 35
STC Rating: As Shown Above with 1 in. thick 3 pcf mineral fiber insulation in cavity: 39
STC Rating: As Shown Above with 1-1/2 in. thick R5.8 fiberglass insulation in cavity: 43

1. **FLOOR, CEILING, CORNER, AND INTERSECTION TRACKS:** J-Tabbed Track with unequal legs, 2-1/2 in. min. deep, fabricated from min. 0.019 in. thick galvanized steel. Position tracks with short leg towards room side of wall. Tracks attached to structural members with steel fasteners located not greater than 24 in. on center (oc). J-Tabbed Tracks have tabs at 12 in. oc and are manufactured by ClarkDietrich.

2. **STEEL STUDS*:** 'C-T' shaped slotted web studs, 1-1/2 in. wide × 2-1/2 in. min. deep, fabricated from min. 0.019 in. thick galvanized steel. Cut to length 1/2 in. less than the opening's height and spaced 24 in. max. oc and between 1 in. thick gypsum shaftliner panels. Studs are manufactured by ClarkDietrich.

3. **GYPSUM SHAFTLINER:** 1 in. thick CertainTeed M2Tech Shaftliner Type X (complying with ASTM C1396), or 1 in. thick Continental™ Shaftliner Type X* drywall (complying with ASTM C1396), or 1 in. thick Continental Mold Defense® Shaftliner Type X* drywall (complying with ASTM C1396), or 1 in. thick Continental Weather Defense® Platinum Shaftliner Type X* drywall (complying with ASTM C1396), or 1 in. thick Georgia-Pacific Gypsum Shaft Liner Type X* (complying with ASTM C1396), or 1 in. thick Georgia-Pacific Gypsum DensGlass® Ultra Shaft Liner Type X* (complying with ASTM C1396), or 1 in. thick National Gypsum Gold Bond Shaftliner (complying with ASTM C1396), or 1 in. thick United States Gypsum Shaft Wall Liner (complying with ASTM C1396), supplied in nominal 24 in. widths. The panels are inserted against the long leg of the J-Tabbed Track and into the 1 in. deep recess of the studs. Free edges of end panels are retained by bending J-Tabbed Track tabs (12 in. oc) at a 90° angle.

4. **GYPSUM BOARD:** 5/8 in. thick CertainTeed Type X gypsum board (complying with ASTM C1396), or 5/8 in. thick Continental Firecheck Type X gypsum board (complying with ASTM C1396), or 5/8 in. thick Georgia-Pacific Gypsum Toughrock Fireguard X gypsum board (complying with ASTM C1396), or 5/8 in. thick National Gypsum Gold Bond Fire-Shield gypsum board (complying with ASTM C1396), or 5/8 in. thick USG Sheetrock Firecode X gypsum board (complying with ASTM C1396), applied parallel to the studs on the room side with min. 1 in. long Type S drywall screws 12 in. oc. Gypsum board joints are finished with paper tape and joint compound (complying with ASTM C475). Exposed screw heads are finished with joint compound (complying with ASTM C475).

   Limitations: Gypsum Shaftliner and Gypsum Board must be by same manufacturer.

*Component bearing the Warnock Hersey Certification Mark, manufacturing information of these components is proprietary to the listed component's manufacturer.

Consult the listing report on the Directory of Building Products (https://bpdirectory.intertek.com) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.