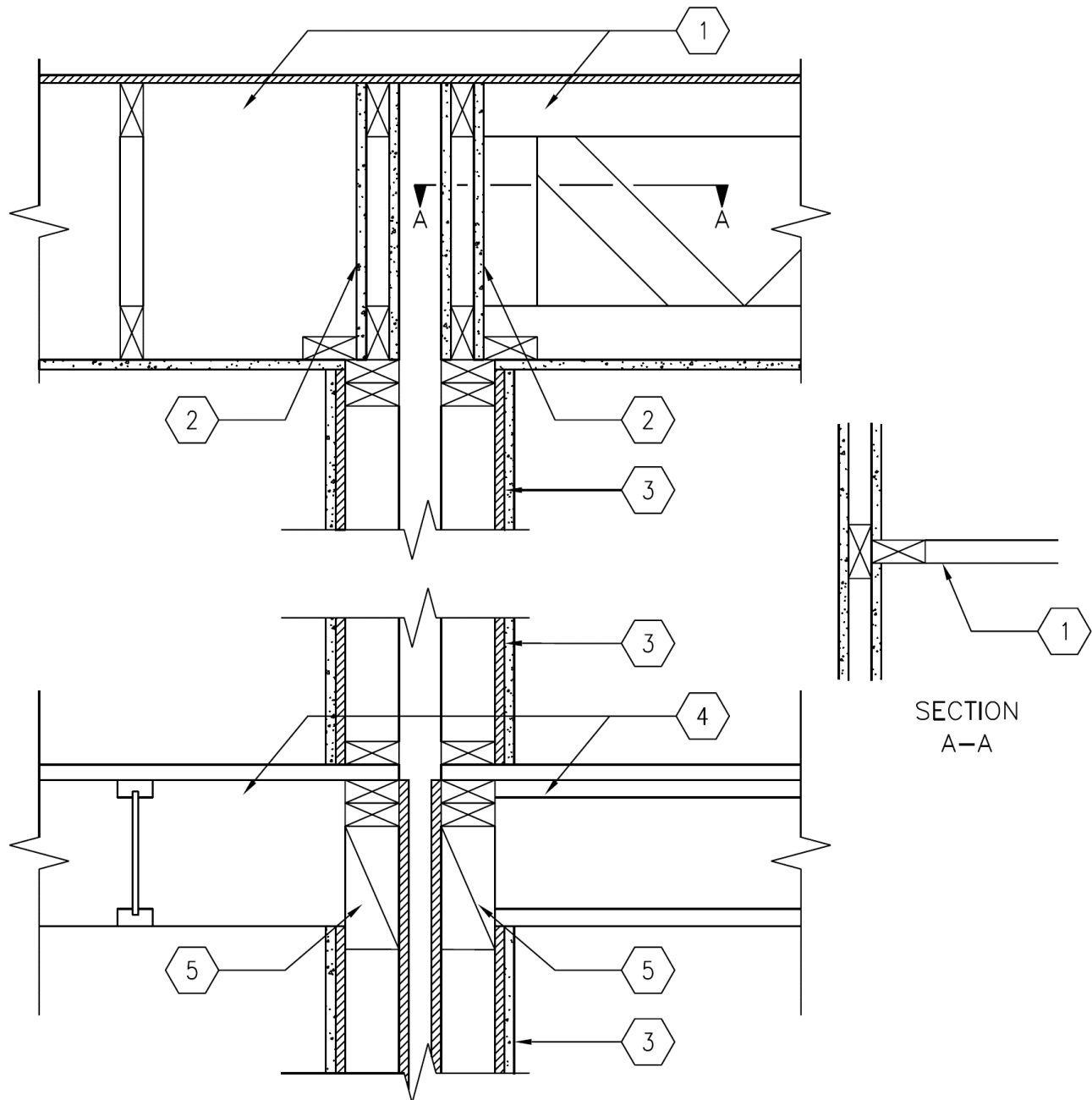


Louisiana-Pacific Corporation
Design No. LPC/RB 120-06
Continuous Assembly
LP® FlameBlock® Fire Rated Sheathing
ASTM E119
Fire Resistance Rating: 2 Hour





- 1. ROOF/CEILING:** Roof/ceiling assembly constructed with trusses or joists per the project specifications. Trusses or joists can be parallel or perpendicular to the 2-hour fire-resistance rated wall assembly (Item 3).

As illustrated in Section A-A view, a continuous vertical web is allowed at each truss with min. 1 in. overlap for interior gypsum on each side of truss. Gypsum board to be continuous on interior or cut to fit tight between trusses with max. 1/16 in. gap.

- 2. 2-HOUR FIRE RATED CONTINUITY TO ROOF DECK:** Maintain the 2-hour fire-resistance rated separation by installing a truss or joist parallel with the 2-hour fire-resistance rated wall on each of the two top plates. For non-load bearing truss or joist, apply one layer (continuous) of 5/8 in. thick Type X gypsum board on each side of the truss or joist (shown) using 1-7/8 in. long, 8d cement coated nails spaced 8 in. on center (oc). For load bearing truss or joist, apply two layers (continuous) of 5/8 in. thick Type X gypsum board on each side of the truss or joist (not shown) using 1-7/8 in. long, 8d cement coated nails spaced 12 in. oc for the first layer, and 2-3/8 in. long, 8d cement coated nails spaced 8 in. oc for the second (outer) layer. Joint treatment not required at square edges.

- 3. WALL ASSEMBLY:**

CERTIFIED PRODUCT: Louisiana Pacific Corporation, Wood Sheathing, LP® FlameBlock®

Intertek Design No. BTC/WPPS 120-02 or UL Design No. U350 utilizing LP® FlameBlock® as wood sheathing Configuration A (shown) and

Configuration B, 2-hour fire-resistance rated wall assembly, continuous from floor to ceiling. Refer to wall assembly design for full specifications of assembly. The wall assembly may be constructed in either Configuration A or B.

- (Not shown) Uses a base layer of LP® FlameBlock® (one-sided) with the laminated side oriented towards the wall assembly framing, followed by a face layer of 5/8 in. thick Type X gypsum.
- (Shown) Uses one layer of 5/8 in. thick Type X gypsum board on the occupied side of the wall assembly. Uses one layer of LP® FlameBlock® (one-sided) on the unoccupied side of the wall assembly, with the laminated side oriented towards the wall assembly framing. In this configuration the LP® FlameBlock® sheathing shall be continuous up to the bottom plate of the floor above.

- 4. FLOOR/CEILING ASSEMBLY:** Floor/ceiling assembly constructed with trusses or joists per the project specifications. Trusses or joists can be parallel or perpendicular to the 2-hour fire-resistance rated wall assembly (Item 3). For parallel framing, provide intermediate blocking at max. 4 ft. oc.
- 5. BLOCKING:** Use continuous nominal 4 in. thick blocking below top plates that laps with interior gypsum panel a min. of 1-1/2 in. Note: The blocking shall provide a continuous wood layer that is the same nominal 4 in. thickness as the stud framing and plates to maintain continuity of the 2-hour fire-resistance rating through the floor/ceiling assembly.



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.