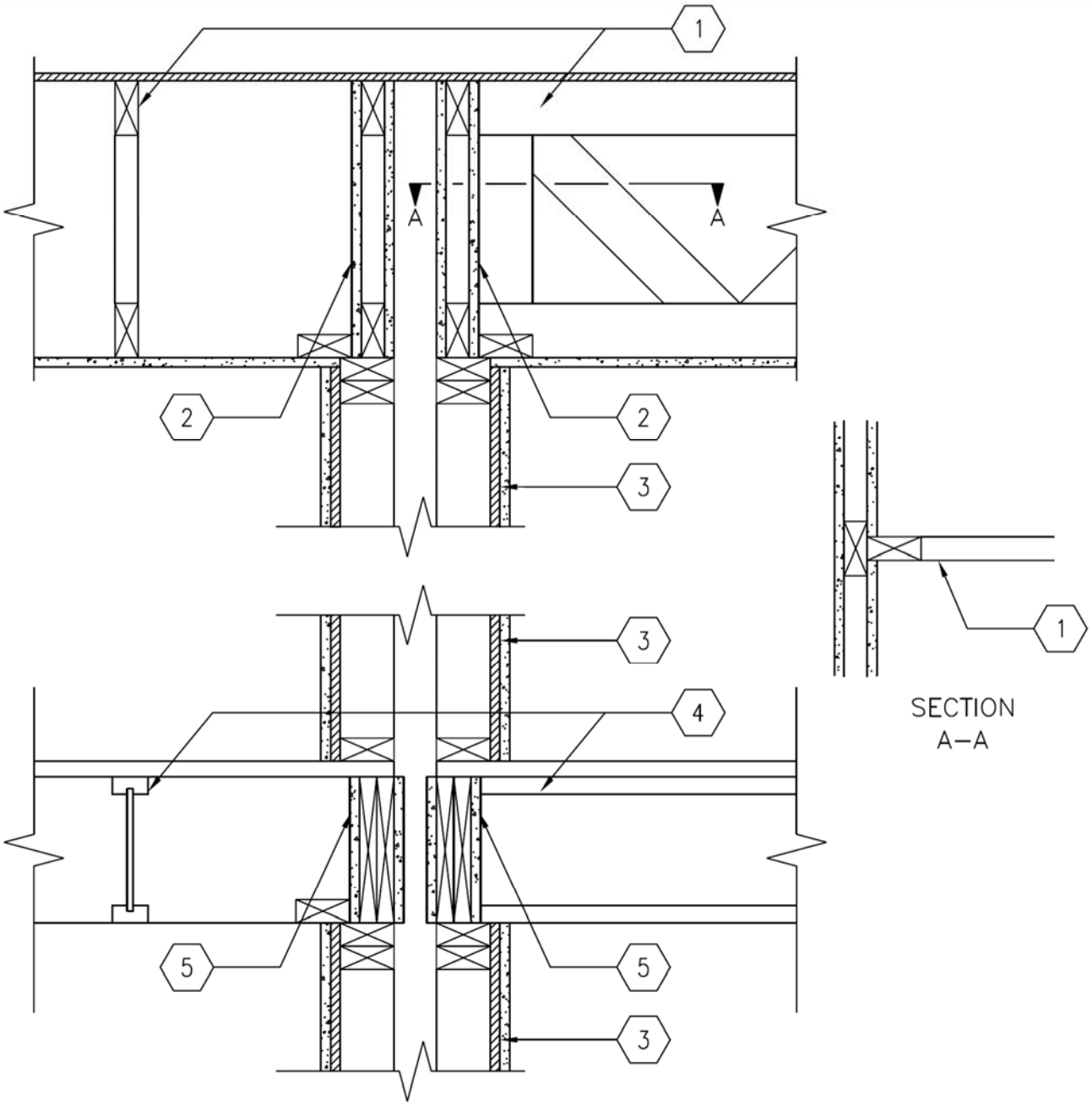
Louisiana-Pacific Corporation
Design No. LPC/RB 120-04
Rim Board
LP® SolidStart® Rim Board
ASTM E119
Rating: 2 Hour



The assembly is based on a residual rim board thickness of 1 in.

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 hr 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-HR FIRE RATED CONTINUITY TO ROOF DECK:** Maintain the 2 hr fire-resistance rated separation by installing a truss or joist parallel with the 2 hr fire-resistance rated wall on each of the two top plates. For non-load bearing truss or joist apply 1 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 2 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:** Intertek Design No. BTC/WPPS 120-2 or UL Design No. U350 Configuration A (shown) and Configuration B, 2 hr fire-resistance rated wall assembly, continuous from floor to ceiling.

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 hr fire-resistance rated wall assembly (Item 3). For parallel framing, provide intermediate blocking at max. 4 ft. oc.

5. **RIMBOARD:** Solid LSL Rimboard

   CERTIFIED PRODUCT: Lousiana-Pacific Corporation, LP® SolidStart® LSL

   Alternatively, other composite lumber conforming to all pertinent provisions of ASTM D5456 maybe used and must maintain minimum requirements specified below.

   Maintain the 2 hr fire-resistance rating continuity through the floor/ceiling assembly (Item 4) with option A, B, or C.

   A. One min. 2-1/4 in. thick continuous solid LSL. Apply 1 layer (continuous) of min. 5/8 in. thick Type X gypsum board on each side of the rim board using 1-7/8 in. long, 8d cement coated nails spaced 8 in. oc.

   B. Two min. 1-1/8 in. thick, continuous LSL. Apply 1 layer (continuous) of min. 5/8 in. thick Type X gypsum board on each side of the rim board using 1-7/8 in. long, 8d cement coated nails spaced 8 in. oc.

   C. One min. 1-3/4 in. thick continuous solid LSL. Apply 1 layer (continuous) of min. 5/8 in. thick Type X gypsum board on each side of the rim board using 1-7/8 in. long, 8d cement coated nails spaced 8 in. oc. Min. 1/2 in. gypsum board (not shown) required on ceiling of floor/ceiling assembly (Item 4) with this option.

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