Assembly Instructions ■

Lightline® Architectural Wall

Drywall Bypass Mullion

April 2020

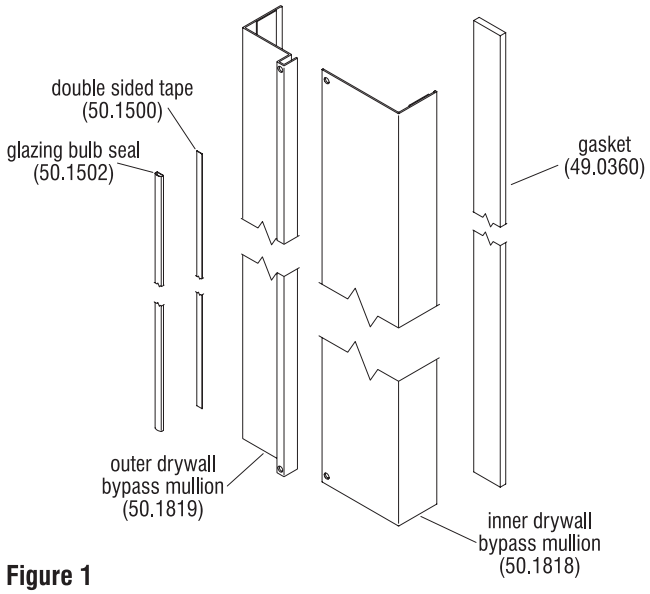


Figure 1

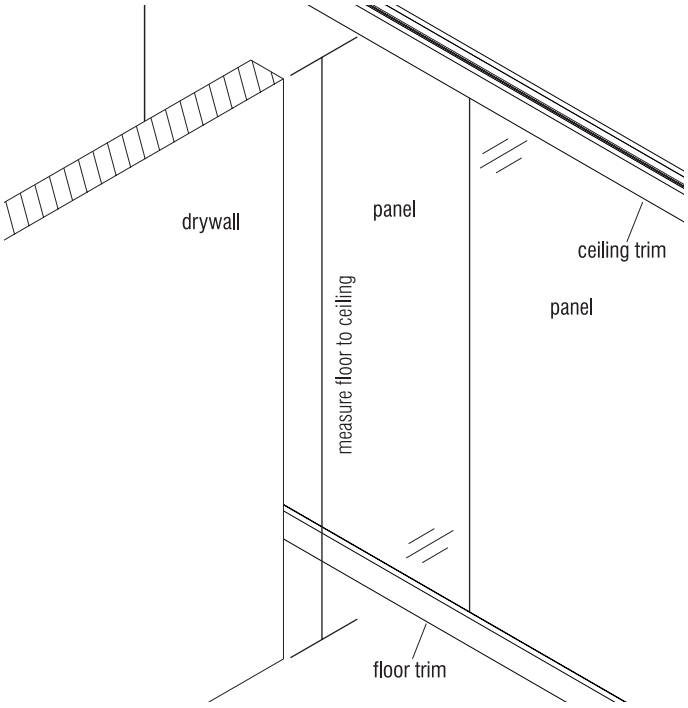


Figure 2

1. Lightline Drywall Bypass Mullion assembly is used to fill the gap between drywall and panel run when the drywall "T's" into a panel. The mullion ships loose and the parts can be identified in Figure 1.
2. Per space-planning layout, panels must be installed, including the ceiling and floor trim. Please reference LightLine Assembly Instruction KI-62489 for install steps if this has not been completed (Figure 2).
3. Measure from the finished floor level, up to the underside of ceiling tile to determine the overall length of the inner (50.1818) and outer drywall bypass mullion (50.1819) (Figure 2).
4. Once the floor to ceiling measurement is recorded, cut both the inner (50.1818) and outer drywall bypass mullion (50.1819) to size.

CAUTION Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

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5. Measure from the floor to top of the base trim and record the measurement (Figure 3).

6. Measure from the ceiling to bottom of ceiling trim and record the measurement (Figure 3).

6. Using these two measurements, notch off the top and bottom of the outer drywall bypass mullion nib (50.1819). This will allow clearance for the mullion to fit around the floor & ceiling trim, and snugly to the panel (Figure 4).

7. Once notched, de-burr the cut locations.

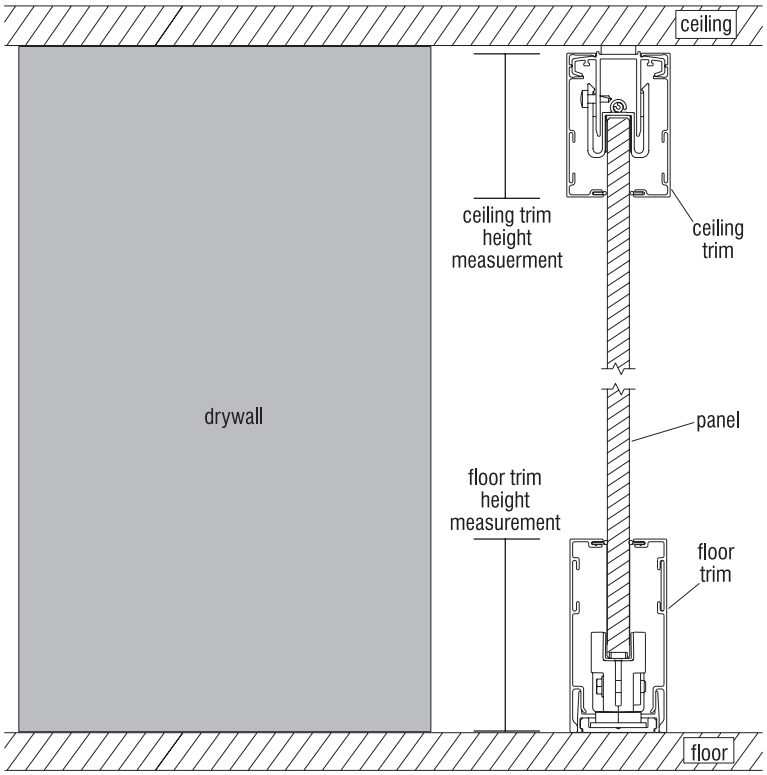


Figure 3

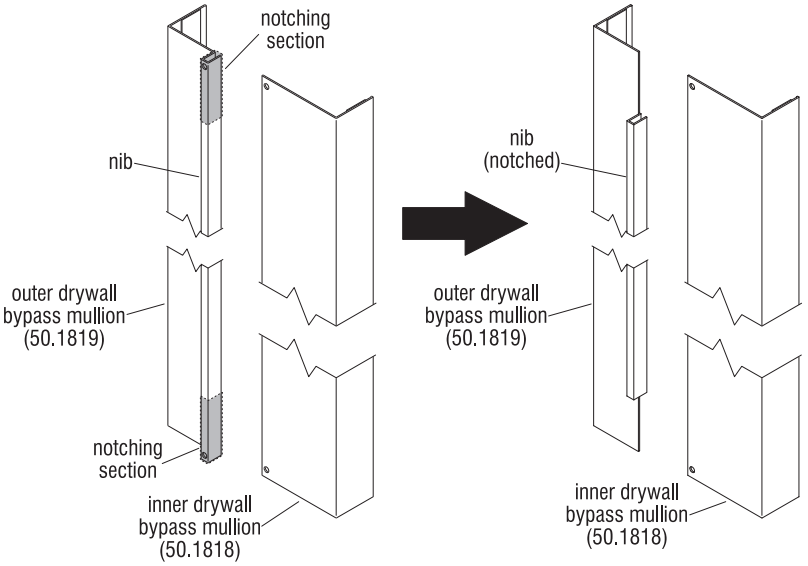


Figure 4

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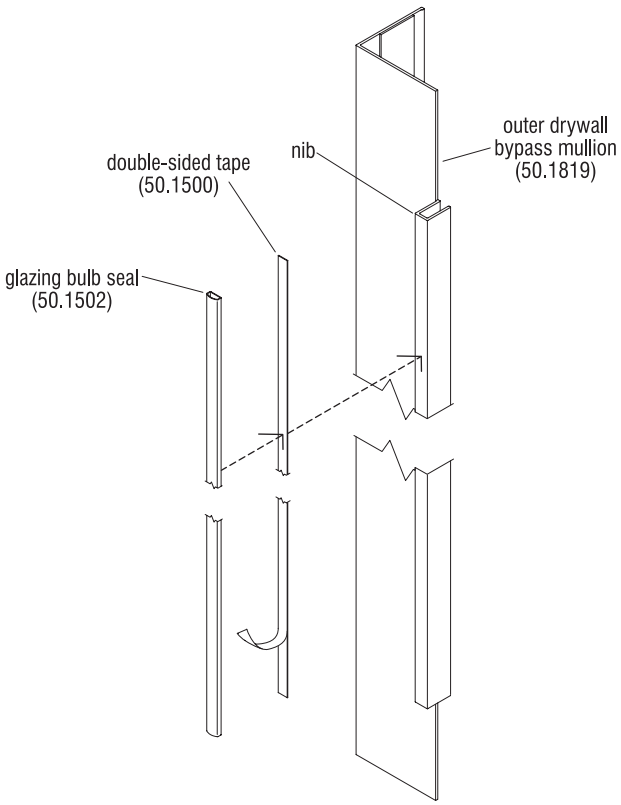


Figure 5

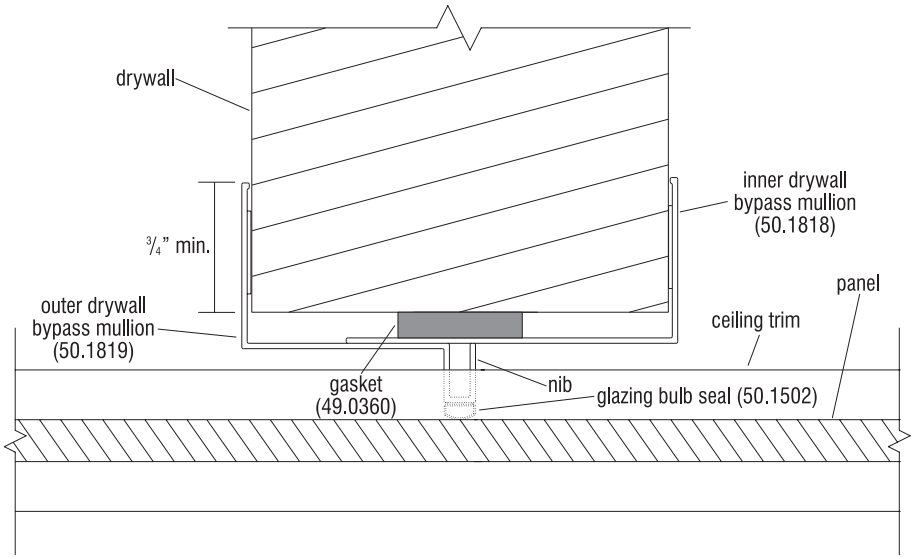


Figure 6 - Top Down View

8. Use supplied 3M AP115 cleaner to clean the surface of the nib, of the notched outer drywall bypass mullion (50.1819). This must be done prior to applying double-sided tape in the next step (Figure 5).

9. Locate the roll of double-sided tape (50.1500). Beginning at the top of the outer drywall bypass mullion, carefully adhere the double-sided tape to the cleaned face of the nib, working down and pressing firmly. Cut the tape at the bottom of the nib (Figure 5).

10. With tape applied, dry fit the glazing bulb seal (50.1502) and cut to length. Clean the flat side of glazing bulb seal with 3M AP115 cleaner, then remove exposed release backing from installed tape and attach the glazing bulb seal to nib face (Figure 5).

11. Test fit inner (50.1818) and outer drywall mullion (50.1819) to drywall. Determine distance between face of drywall and backside of assembled mullion pieces (Figure 6).

12. Using that measurement, determine the amount of supplied gasket (49.0360) required to shim assembled inner/outer mullion away from drywall so that the glazing bulb seal contacts the glass of LightLine panel. Inner/outer drywall mullions must contact drywall a minimum of 3/4" (Figure 6).

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13. Once distance is determined, apply gasket to backside of inner drywall bypass mullion (50.1818). Gasket can be stacked in thickness to achieve proper shim distance. (gasket is not required to run full length. Cut 4-6" lengths and apply/stack evenly spaced as necessary for consistent contact).

14. Next, clean surface of drywall where inner drywall bypass mullion (50.1818) will install. Remove release backer from tape on inner drywall bypass mullion and install to drywall. Apply pressure to make sure of good adhesion.

15. Clean other side of drywall where the outer drywall bypass mullion (50.1819) will attach. Once clean, remove release backer from tape and apply to drywall, sliding over inner drywall bypass mullion (50.1818). Refer to Figure 6 top down view for fitment. Apply pressure to make sure of good adhesion.

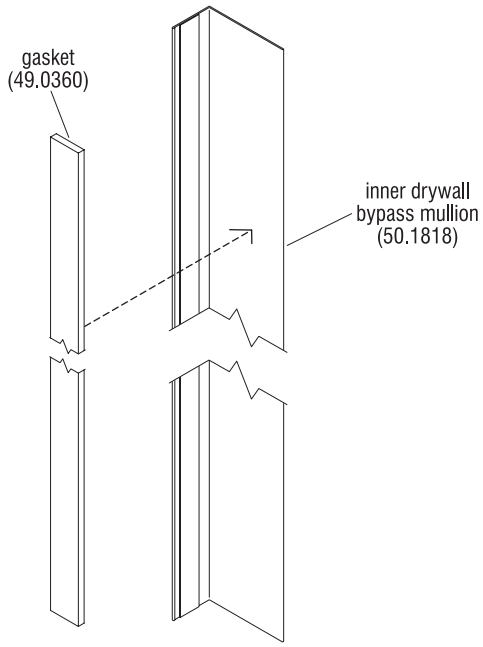


Figure 7

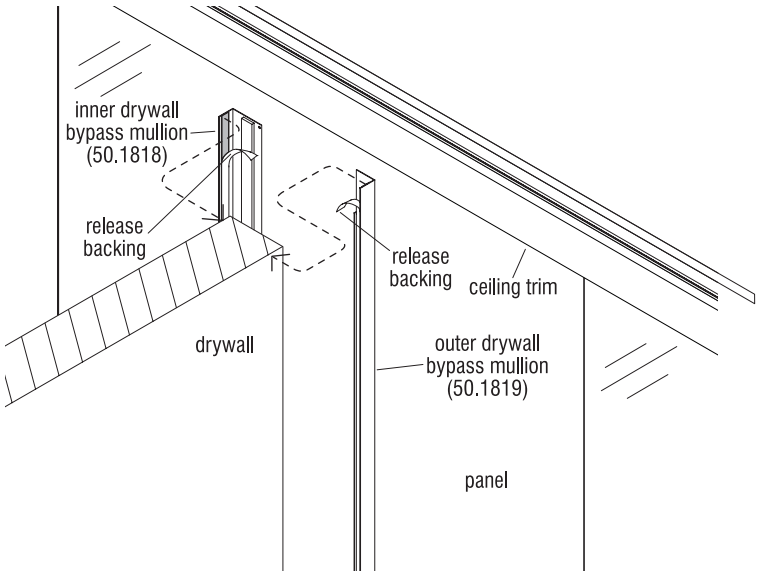


Figure 8

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