

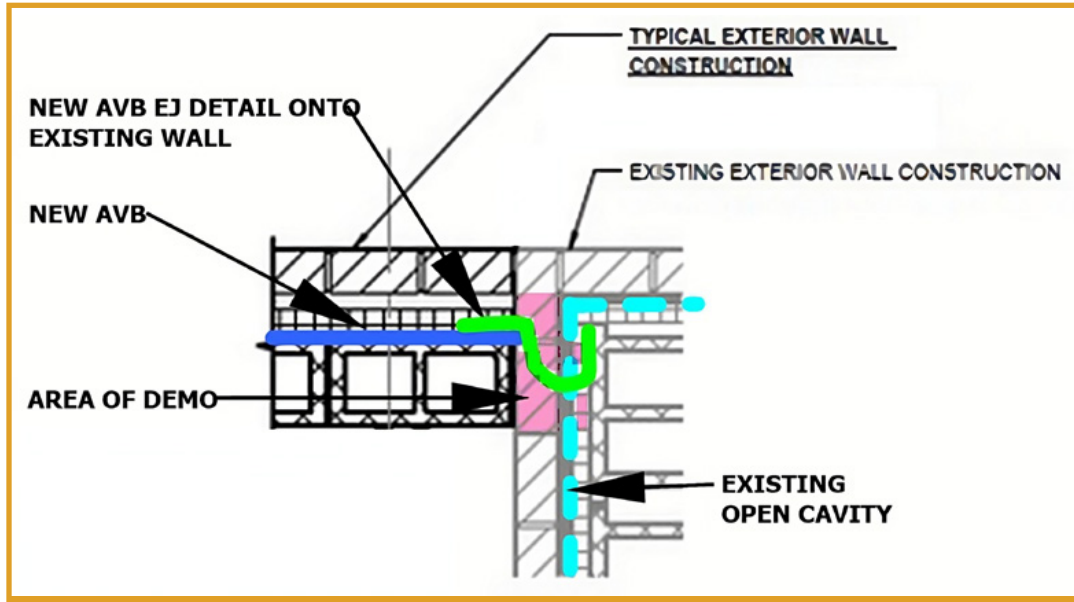
Tips and Tricks

Corey Zussman of Pepper Construction

When installing air/vapor barrier on a building addition, the designer and installer must consider the existing adjacent wall construction.

If the existing adjacent building wall construction is a cavity type wall design, the new air/vapor barrier system should close off the wall cavity to prevent exterior air from within the cavity getting into the newly conditioned space. This is even more important in a cold environment where the existing air cavity will likely create condensation within the wall in the newly created interior space.

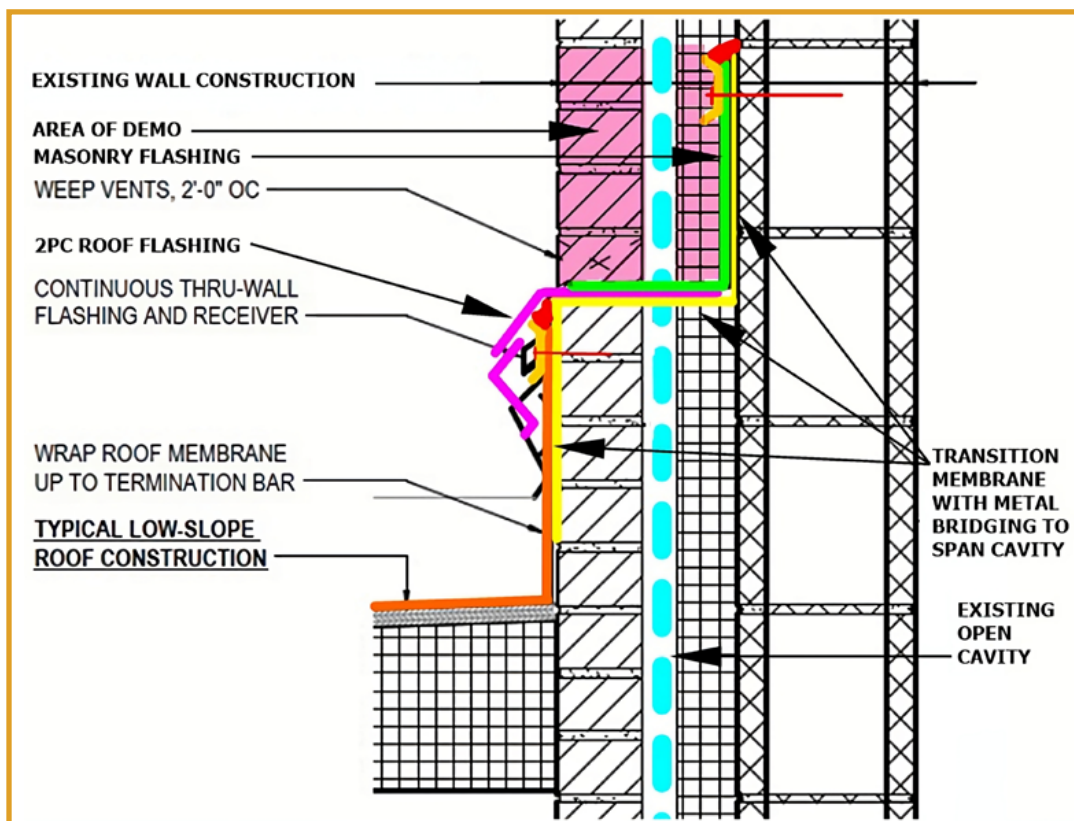
air barrier
abaa
association of
america



The concern is both horizontal (wall) and vertical (roof connection) at the existing building:

Demolition of the existing wall will be needed to close off the existing air cavity.

This condition will exist even if the existing adjacent construction does not have an air/vapor barrier – we are trying to close off the cavity, not fix the air/vapor barrier installation on the existing structure.



If your design does not include closing the existing wall cavity air space, consider an RFI to the design team to discuss the likely condensation concerns.