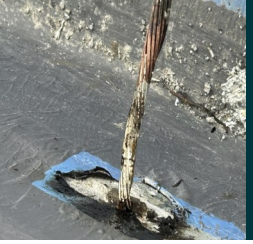


Precision Points

Air Barrier 07

072700 06.16.2025

AVB Continuity Detailing

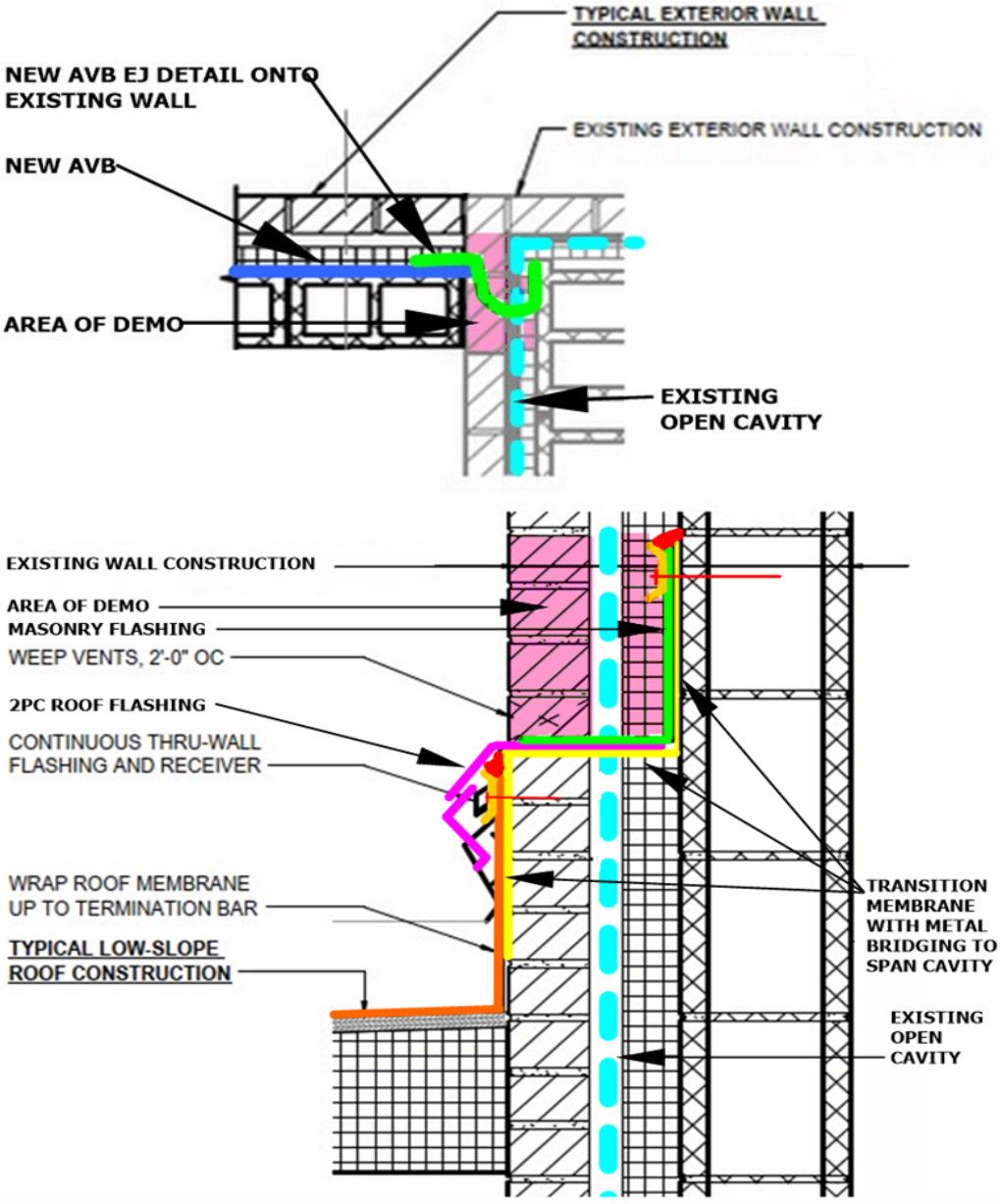
Installing air/vapor barrier on a building addition, the designer and installer must consider the existing adjacent wall construction .

If the existing adjacent building wall construction is a <u>cavity type wall design</u>, the new air/vapor barrier system needs 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.

The concern is both horizontal (wall) and vertical

(roof connection) at the existing building:

Demo 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 – <u>we are trying to close off the cavity, not fix the air/vapor barrier installation on the existing structure.</u>

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

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