

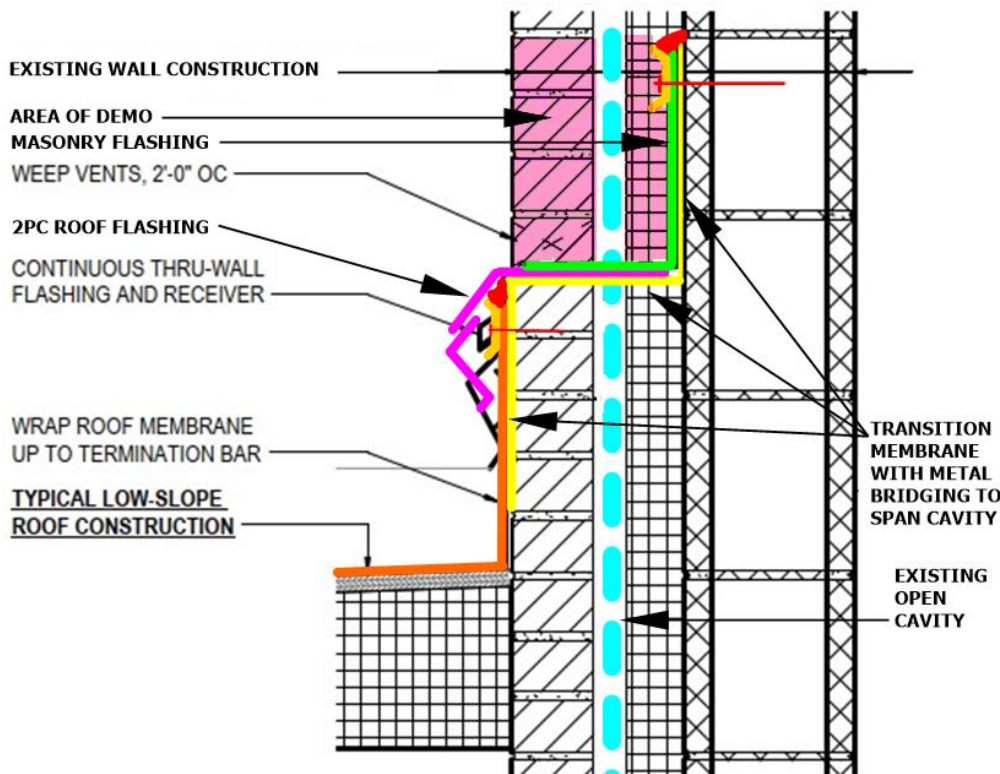
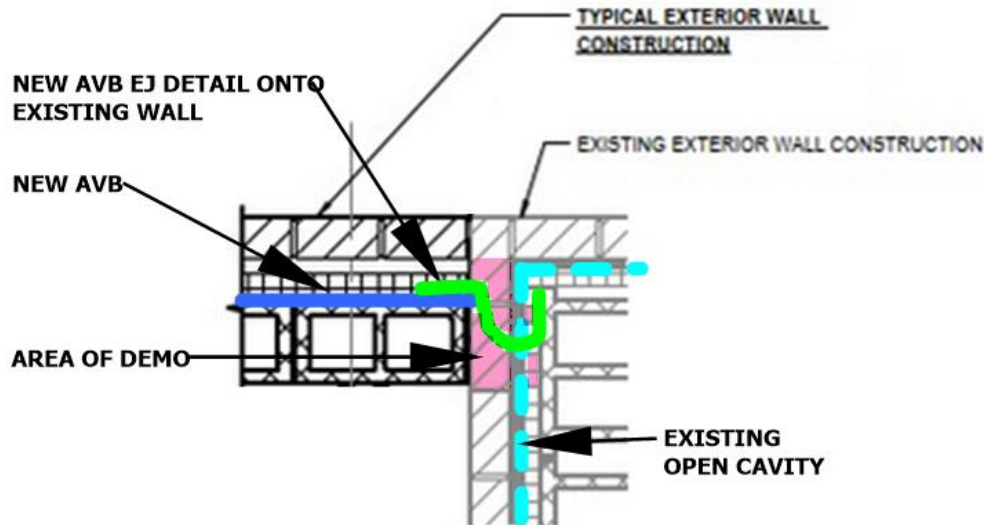


Installing air/vapor barrier on a building addition, the designer and installer must consider the existing adjacent wall construction.

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.*

*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 – 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.**

