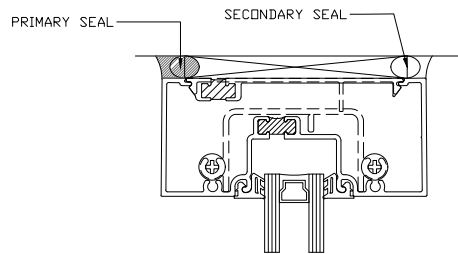


# SEALANT CONTINUITY - AND INCLUDING SECONDARY SEALS

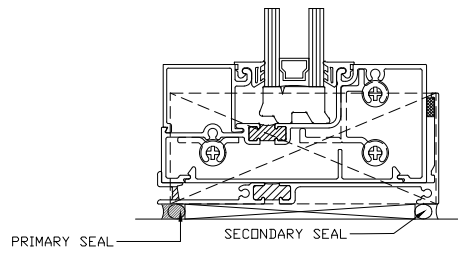
When working in the details it is important to make sure that the "primary sealant" beads and any "secondary" or aesthetic beads are in the same location for all perimeter head/jamb/sill details.

As the installer works around the frame they must "marry" the sealant beads at the frame corners together. If the locations are in different locations it is difficult or impossible to make a continuous line of sealant and the frame can leak.

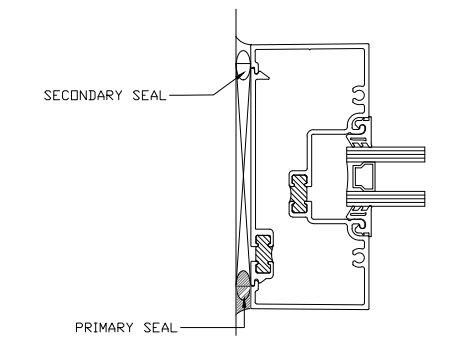
Note the details on the right show the primary sealant line at 2-3/16" from the face of the frame. This will vary across systems, and manufacturers, but make sure you are consistent where you show it, and that it matches the standard details from the manufacturer.



TUBELITE EXAMPLE HEAD DETAIL

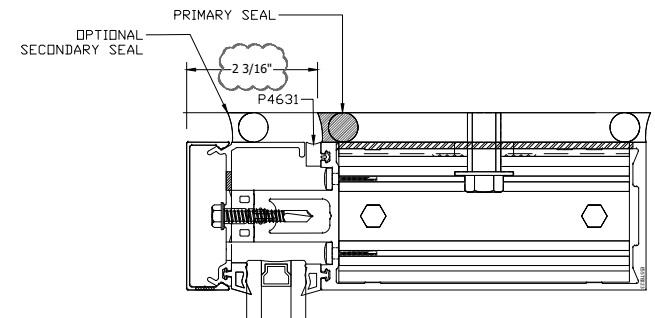


TUBELITE EXAMPLE SILL DETAIL

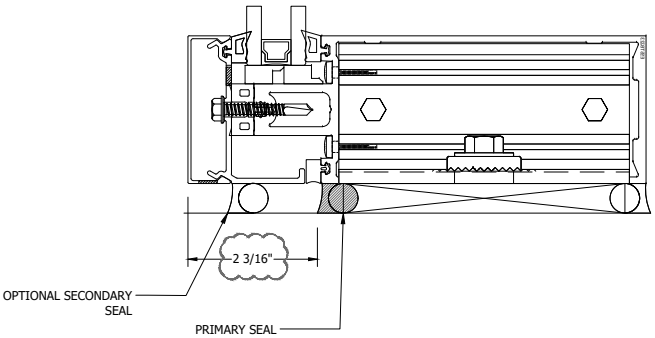


TUBELITE EXAMPLE JAMB DETAIL

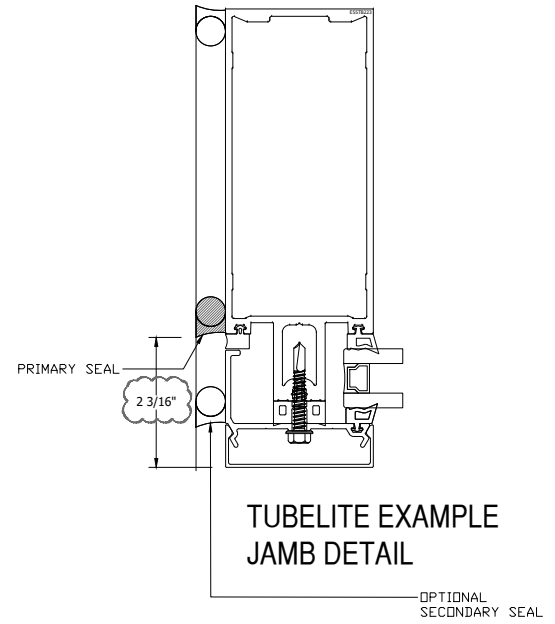
When looking at storefront typically there are only two lines of sealant. An exterior "primary sealant" and an interior "secondary sealant". Like curtainwall the exterior seal shown at the face of the frame must "marry" consistently around the frame in order to manage leaks.



TUBELITE EXAMPLE HEAD DETAIL



TUBELITE EXAMPLE SILL DETAIL



TUBELITE EXAMPLE JAMB DETAIL

CURTAINWALL / STOREFRONT - SEALANT CONTINUITY AND INCLUDING SECONDARY SEALS

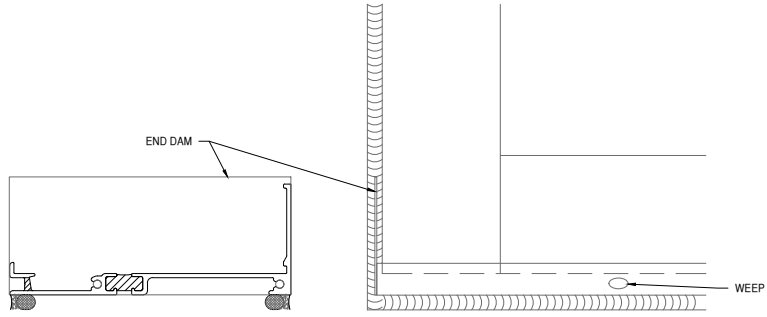
# SEALANT CONTINUITY - AND INCLUDING SECONDARY SEALS

THIS CONTINUITY CAN BE SEEN BELOW WITH THE LEFT HAVING A CONTINUOUS JOINT, BUT THE RIGHT HAS THE FRONT JOINT MISMATCHED. THE HEAD AND JAMB ARE NOT ALIGNED.

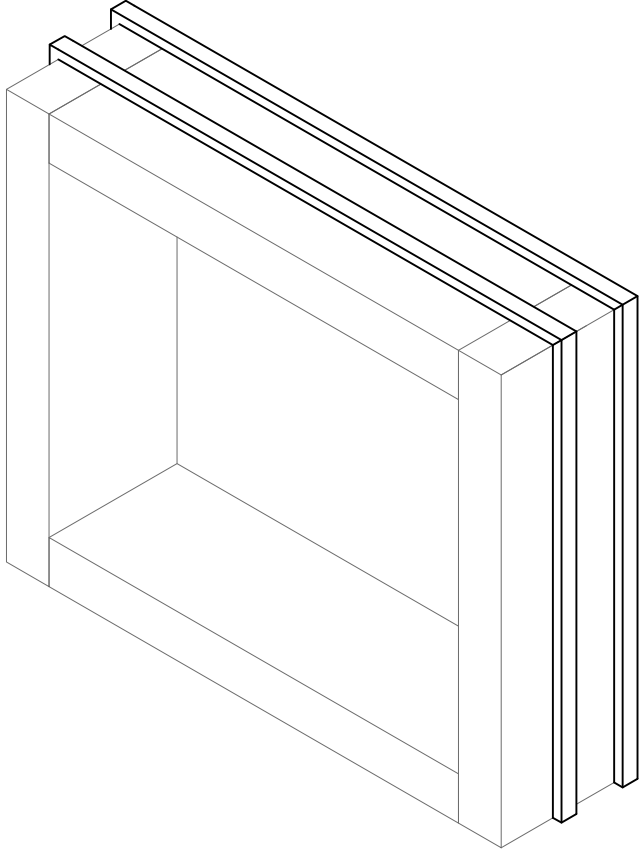
THIS IS BAD PRACTICE, BUT THERE ARE SOME SITUATIONS THAT LINING THEM UP IS NOT POSSIBLE. IN THIS CASE THE INSTALLER CAN BRIDGE THE DIFFERENCE WITH MORE SEALANT.

THIS CONTINUITY IS IMPORTANT FOR WATER CONTROL. ITS LOCATION IN RELATION TO THE SYSTEM IS DESIGNED TO BE BEHIND THE WATERLINE OF THE SYSTEM, WITH THE POINT BEING THAT NO WATER SHOULD GET PAST THE PRIMARY SEAL.

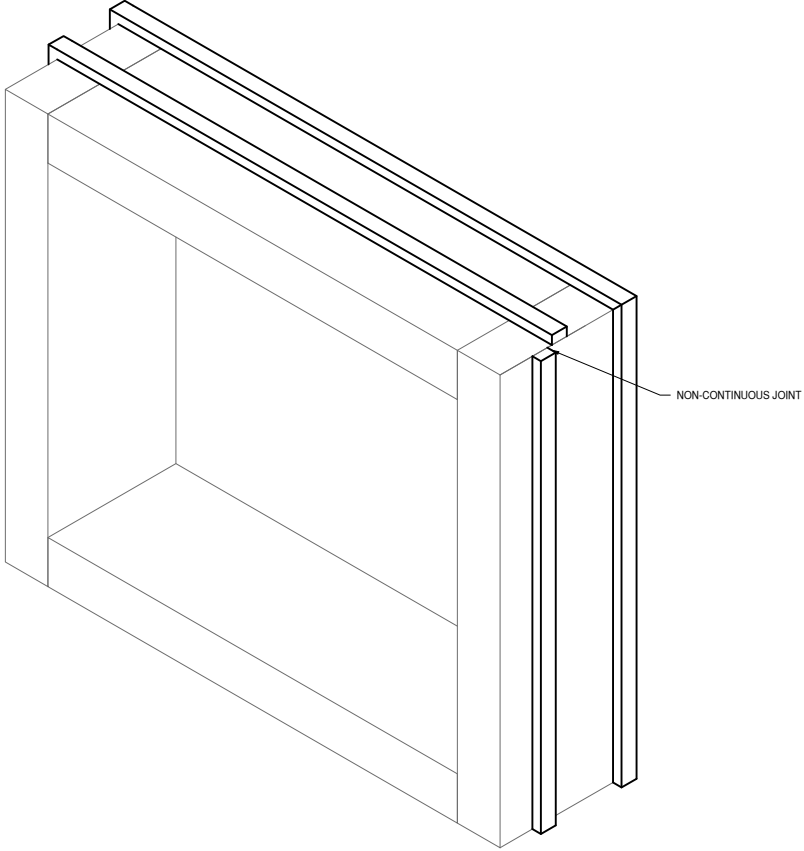
FOR CURTAIN WALL THE WATER CONTROL IS PART OF ALL THE HORIZONTAL MEMBERS THAT GET WEEPS, BUT FOR STOREFRONT THE WATER IS MEANT TO RUN DOWN THE VERTICALS TILL IT GETS TO THE SUBSILL, WHERE IT IS WEEPED OUT. TO THE RIGHT YOU CAN SEE HOW THE SUBSILL AND END DAM INTERACTS WITH THE JOINT.



END DAM INTERACTION WITH JOINT



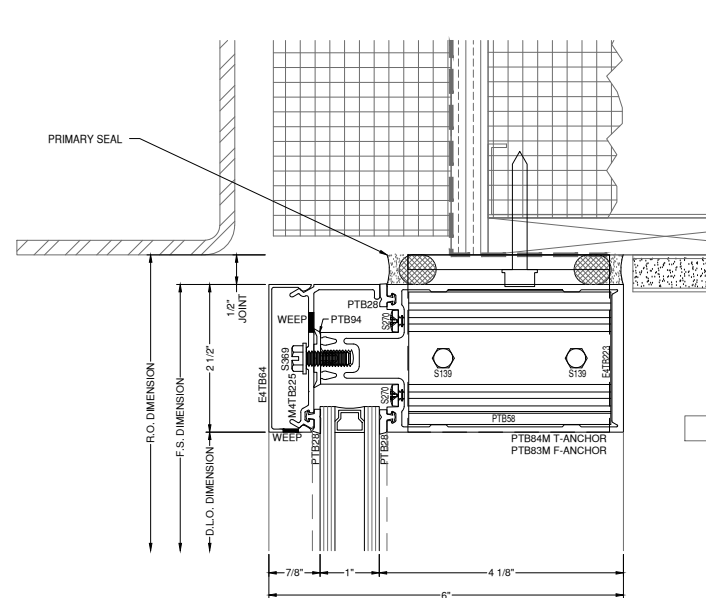
FRAME JOINTS WITH CONTINUOUS JOINT



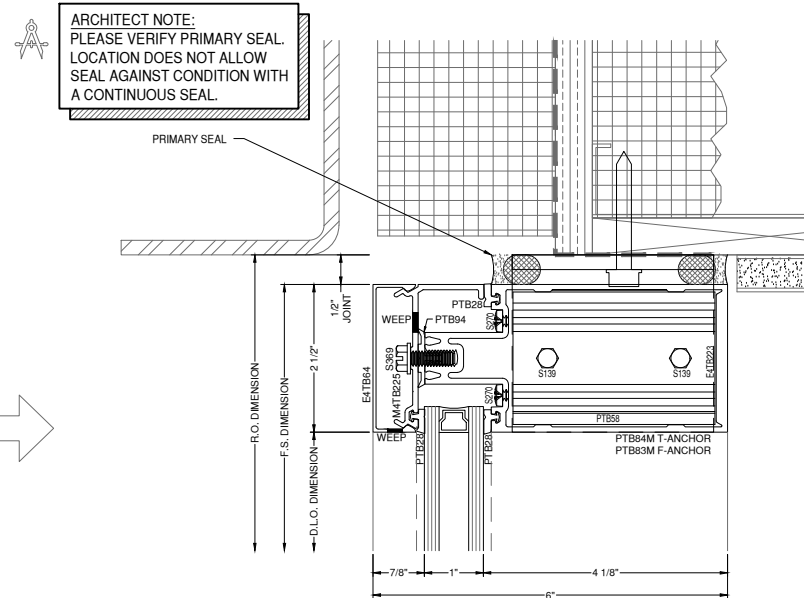
FRAME JOINTS WITH MISMATCHED JOINT

CURTAINWALL / STOREFRONT - SEALANT CONTINUITY AND INCLUDING SECONDARY SEALS

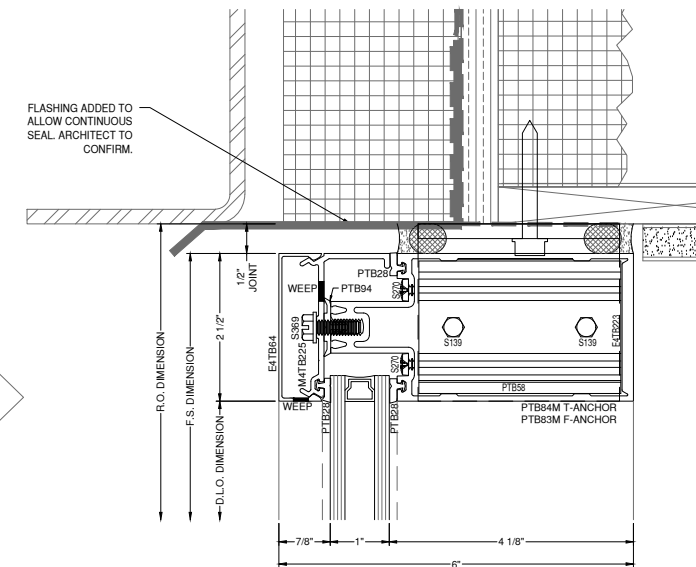
# SEALANT CONTINUITY - AND INCLUDING SECONDARY SEALS



In the event that the location of the system against the condition does not allow the primary seal to rest against the membrane or other building water managing material there are some options to fix this without moving the system.

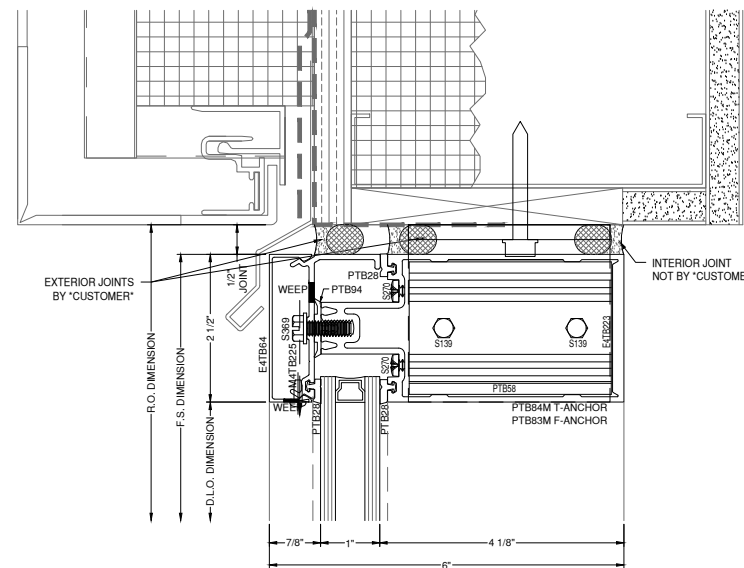


In the event that it is not possible to have a continuous seal at a condition send an email to the customer to find out if they want to note it or make a change to allow the joints to line up.



One possible solution is the addition of flashing that ties into the building membrane that can be sealed against.

Do not change the detail unless directed by the customer.



OR

ARCHITECT NOTE:  
INTERIOR SEALANT NOT BY 'CUSTOMER'.

The customer might not be responsible for for all lines of sealant at a given system. This information can be found in the specifications of the project or given as information in the prep stage of the shops.

What seals are in scope can be conveyed with notes on the detail specifying which are in scope, or with a note on the detail page that gives the same information.

CURTAINWALL / STOREFRONT - SEALANT CONTINUITY AND INCLUDING SECONDARY SEALS

MT #:

MT-1

SHEET:

3 OF 3