

CP130LS Threshold 'Zone' Drainage

Key Principle:

The CP130LS Threshold drainage pattern has been designed to create two key zones within the profile

The areas have been factory sealed and separated, and consist of a 'Dry' zone and a 'Wet' zone

Wet Zone

This area's function is to evacuate any surface water that hits the doors

Any water that hits the external face of the door panels will run down into the threshold. This is then directed through the drainage channels inside the threshold and out through the drainage caps located on the front nose of the profile

Drainage holes situated below the panel on the inner track and on the centre track (for three panel doors) direct water through open caps, again on the front nose of the profile

The main principle of the threshold is to hold, then evacuate water

Dry Zone

This area's function is to allow any water that has bypassed the interlock seal to be evacuated from the threshold of the door

The drainage holes in this area have been finished with storm valves which help prevent any draughts being blown back into the property

Drainage holes situated in this area direct water to the drainage cap situated centrally below the door panel on the outer track. This drainage cap has a built in flap to help prevent draughts.

The inner channels of the track are designed to allow small amounts of water to drain from these areas in situations of extreme weathering - heavy storms, excessive rain/winds etc

Water may therefore be visible on the surface of the threshold internally - this is not deemed as a failure of the door

These internal channels have drainage holes to allow water to escape if it does appear there

With any door system and especially those with low profile threshold details, any system that opens is not hermetically sealed. We allow in our system a water route of escape

It is also possible for resting water to be present and when you start to move the door following rain, water droplets can and will drop into the channel. Again, these will evacuate through the relevant drainage route

Note:

In order for this drainage system to operate effectively, the following should be observed:

- a) All debris should be removed/cleared from the drainage channels and any further obstructions cleaned/removed
- b) External drainage caps should be present, where required, to ensure water is evacuated away from the door and wind blown water cannot re-enter the threshold
- c) External floor finishes (slabs, decking, tiles) should always be set 15mm away from drainage holes and 15mm below - again, this is to ensure water is evacuated away from the door and wind blown water cannot re-enter the threshold
- d) We always recommend fitting an L shaped pressing beneath the door and over the front edge of the external block to create another seal point and prevent saturation of the external facade

Reynaers CP130LS Lift/Slide Door
Drainage Details

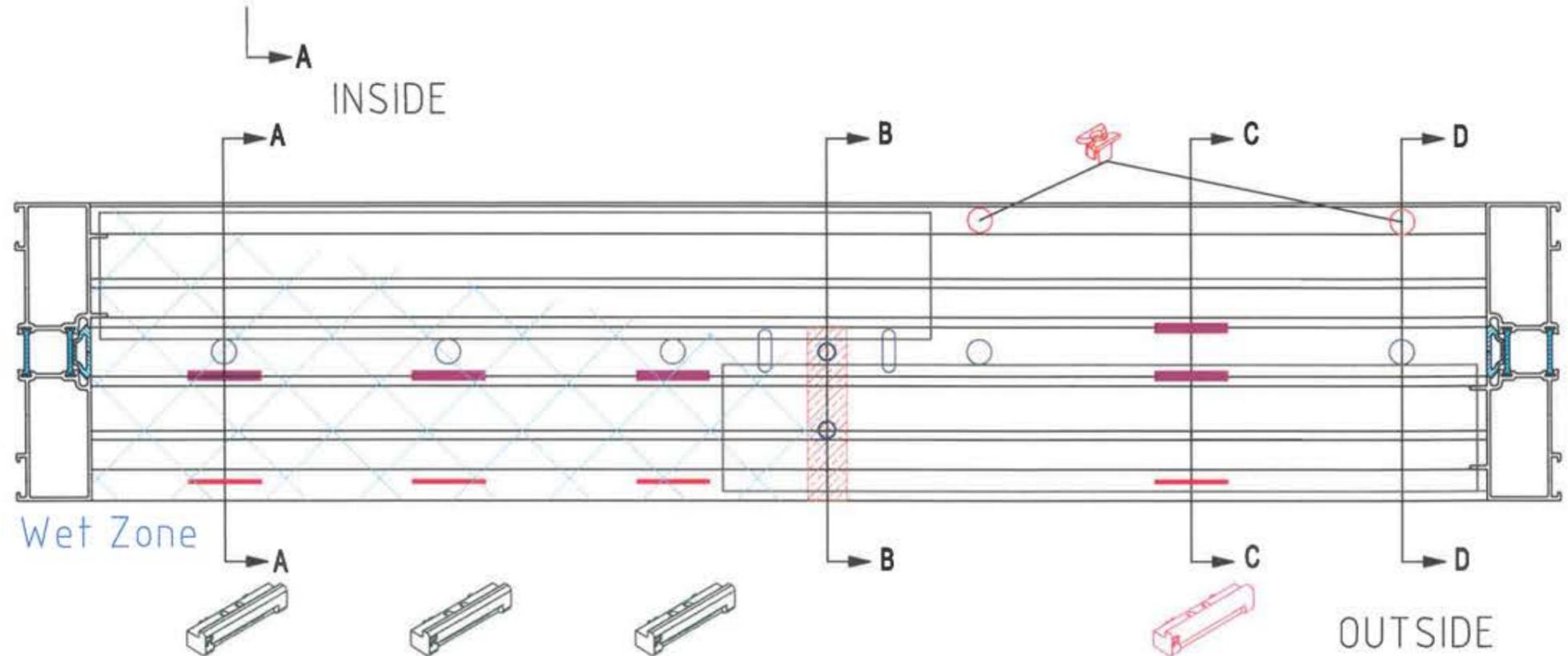
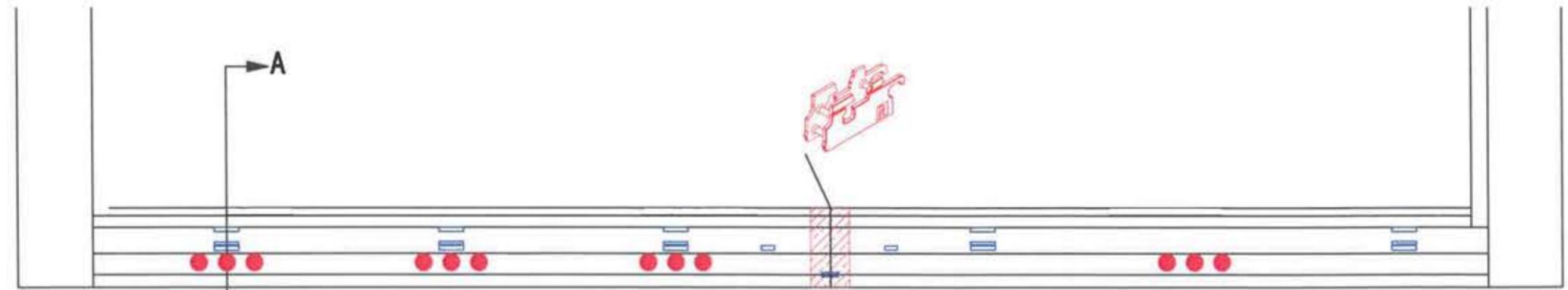
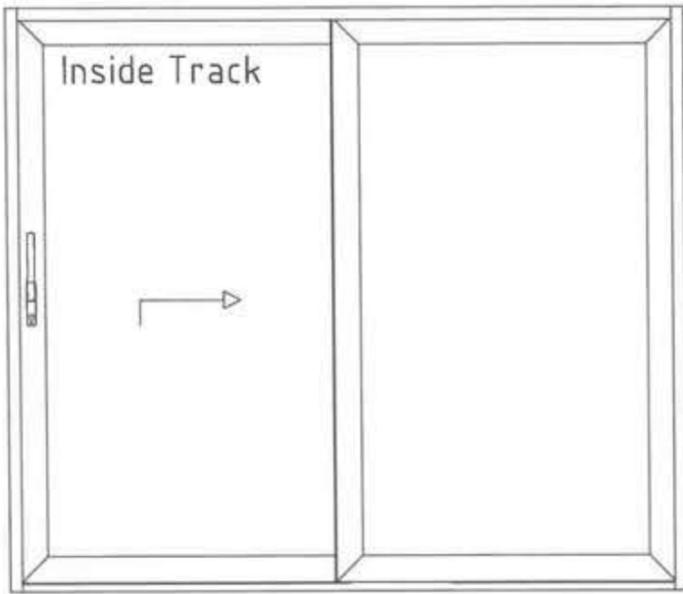


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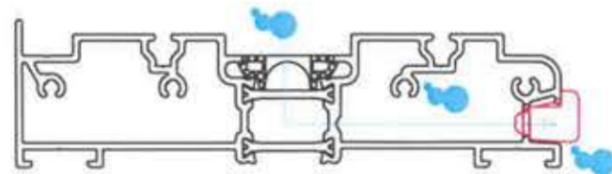
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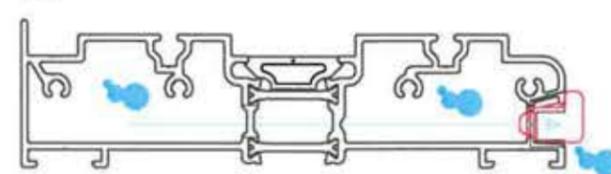
-  Storm Valves
-  Drainage Holes in Horizontal Surface of Profile
-  Drainage Slots in Vertical Sides of Profile
-  Drain Slot Covers
-  Drain Slot Covers with Rubber Flap
-  Drainage Holes in Front Nose of Profile
-  Profile Chamber Sealed Location



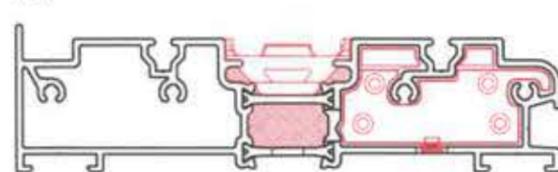
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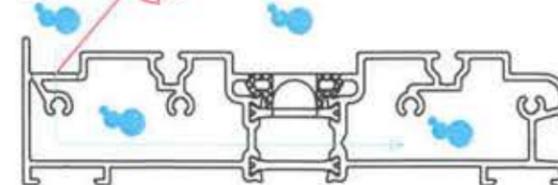
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B-B



D-D

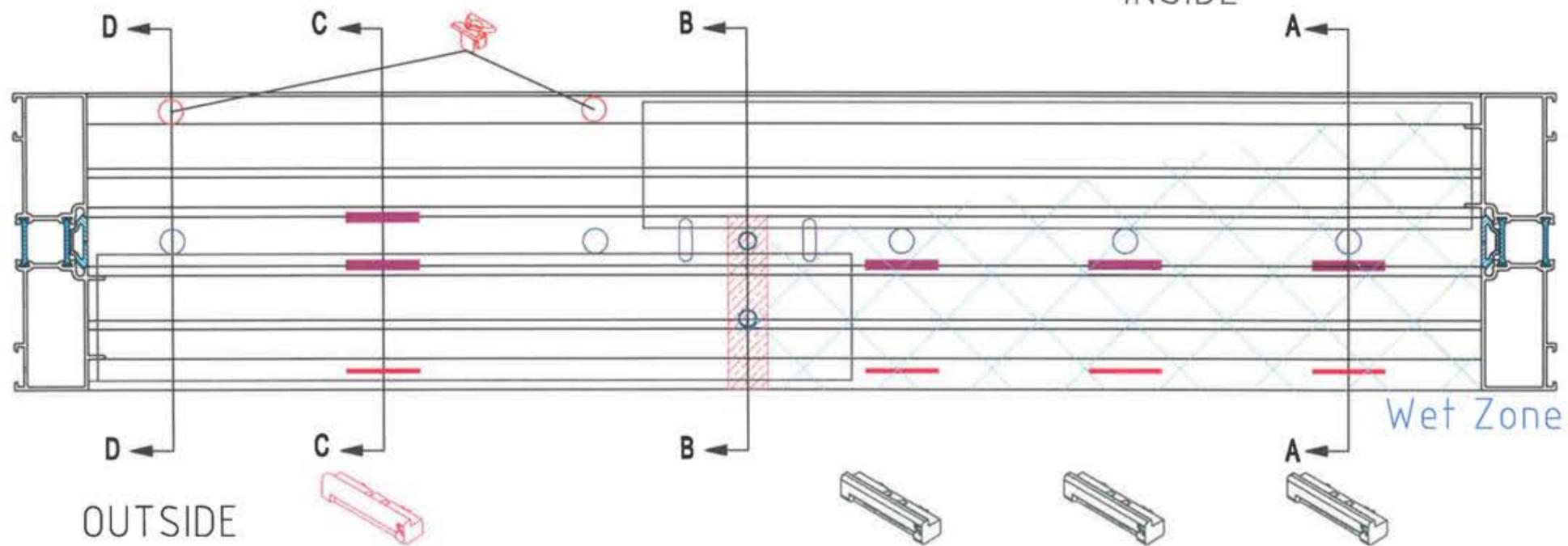
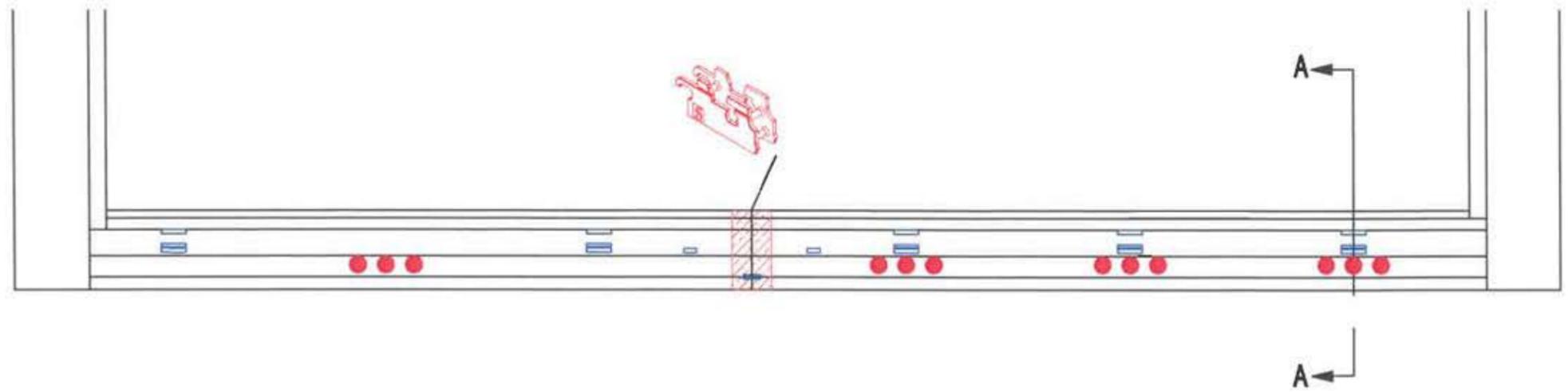
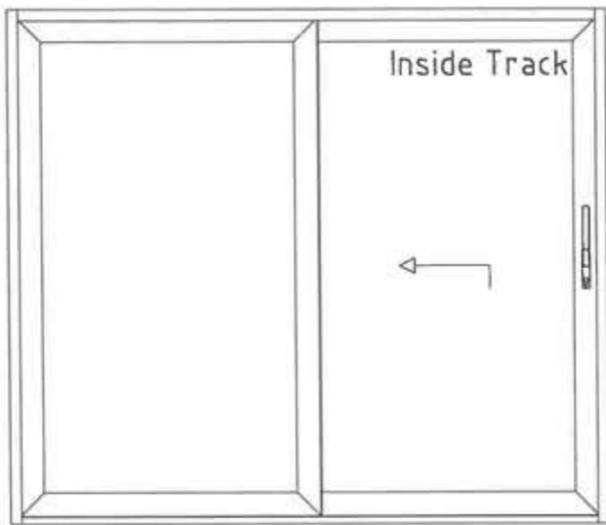


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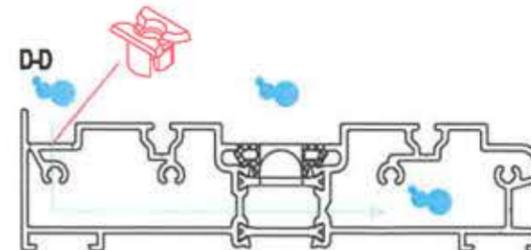
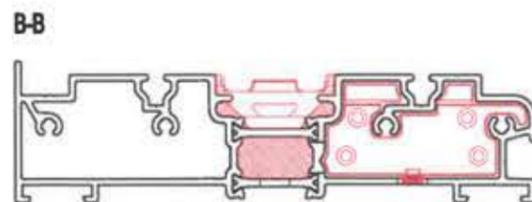
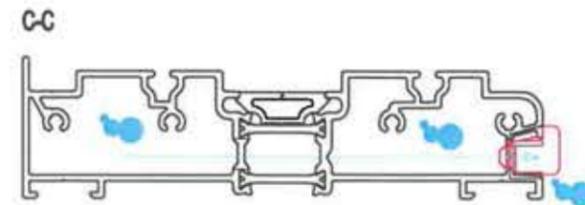
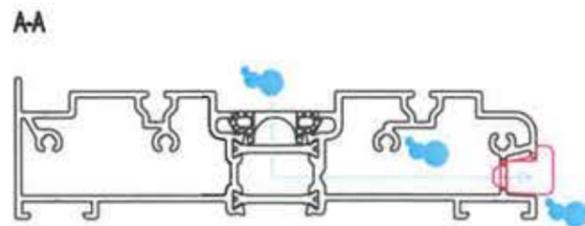


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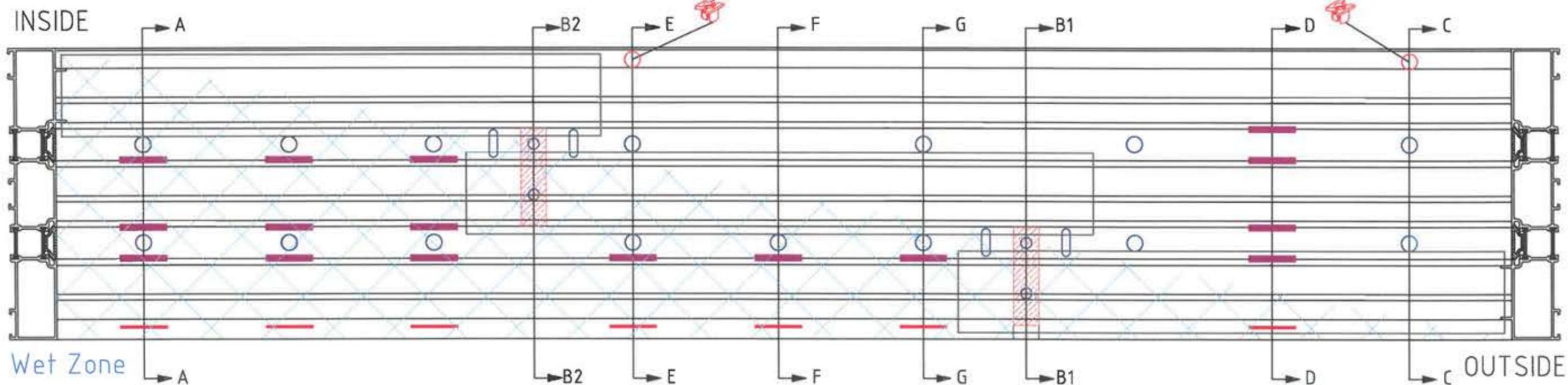
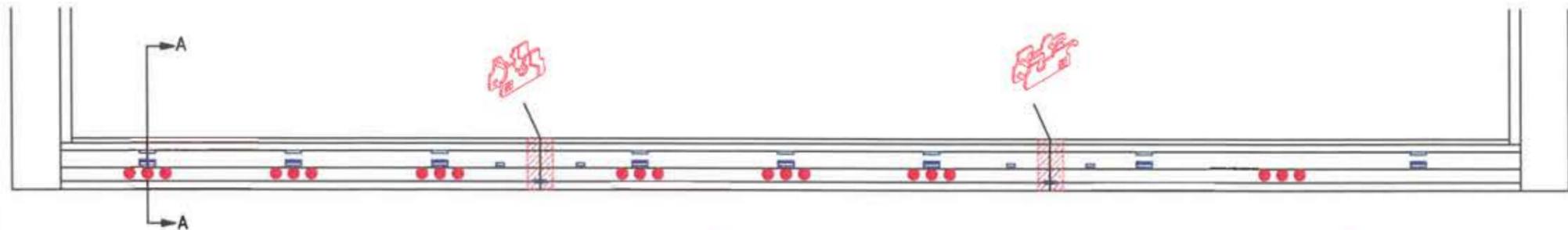
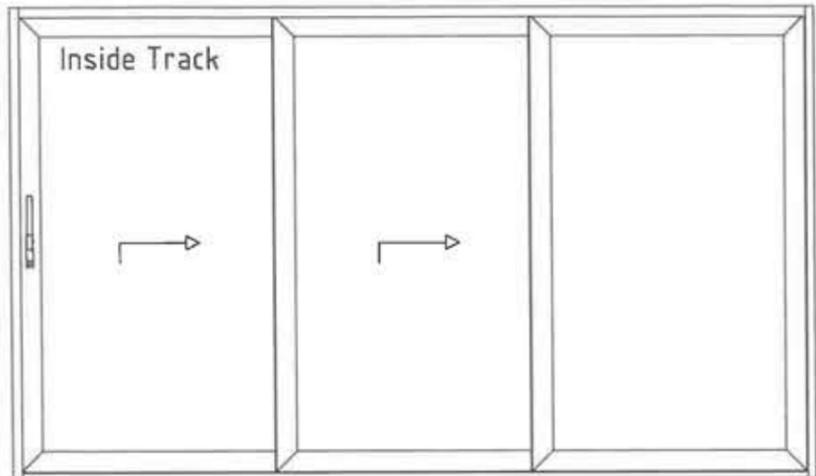


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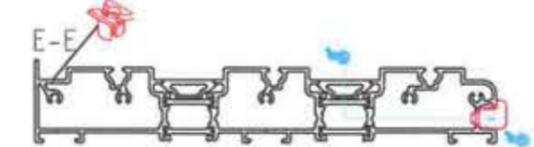
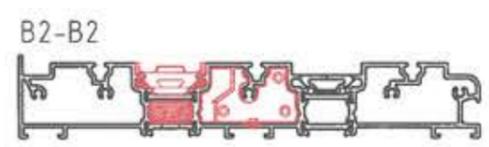
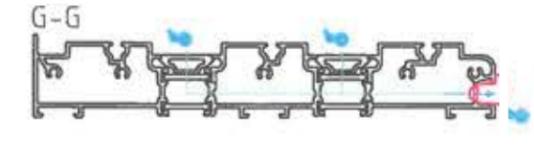
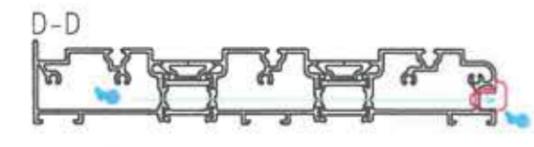
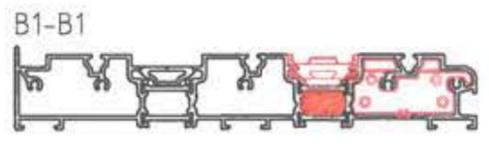
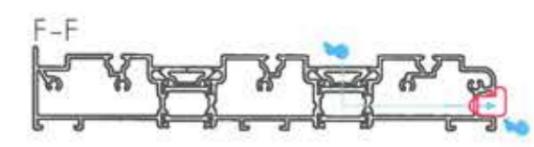
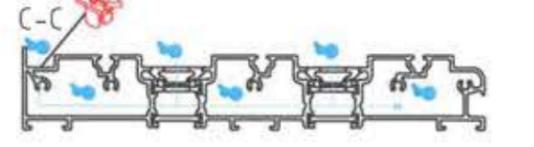
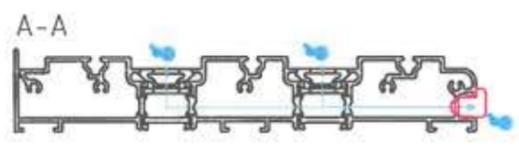
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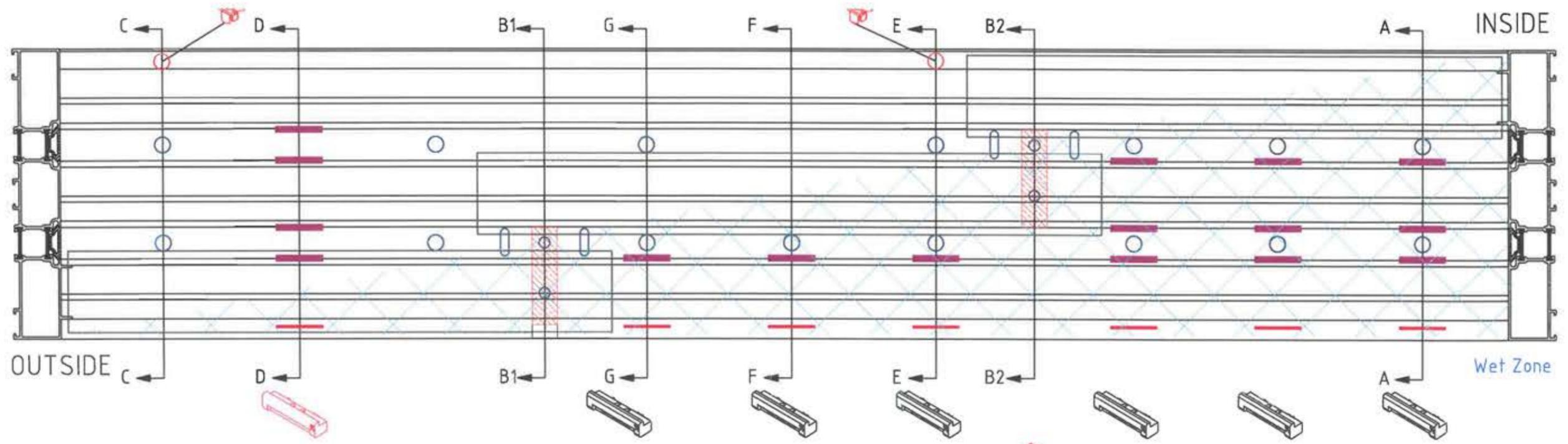
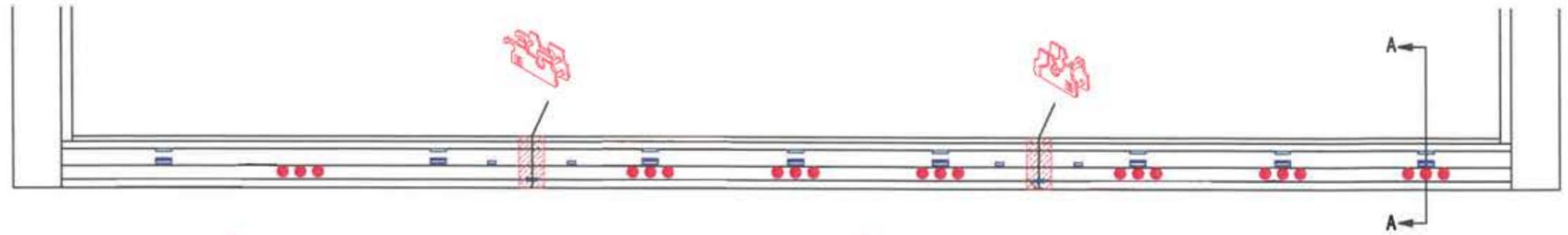
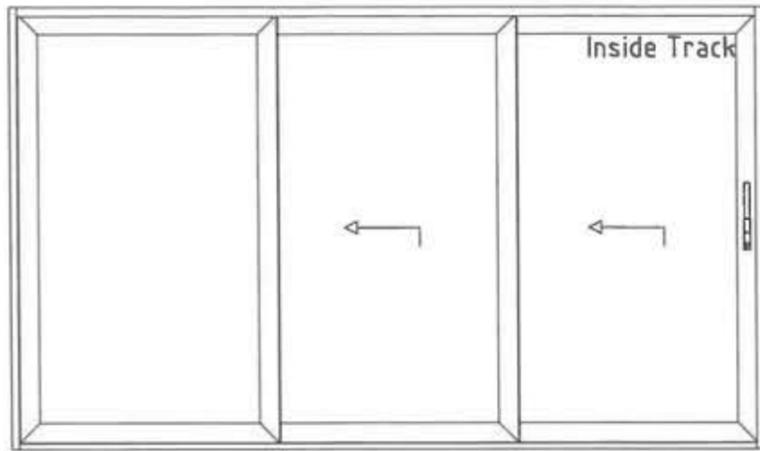


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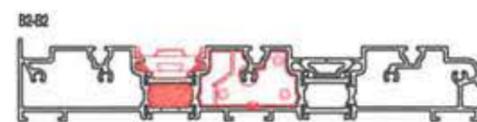
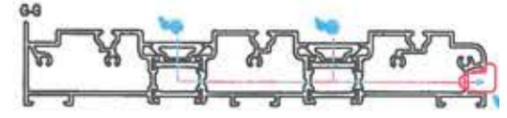
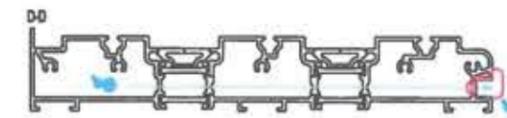
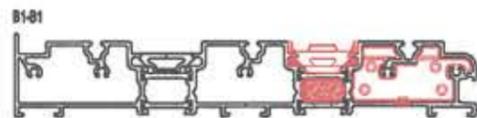
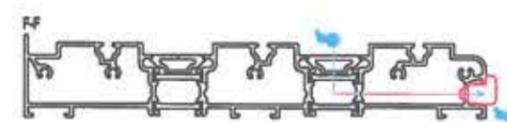
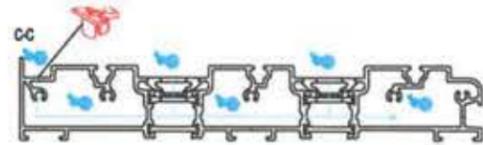
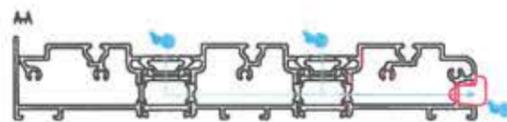


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