

# **ZURN** *Linear Drainage*

*Z890 · Z895*  

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*Sani-Flo Trench*



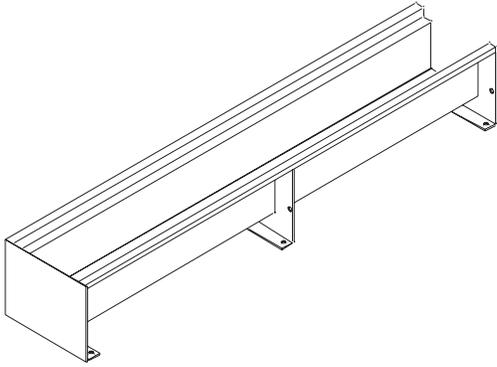
**Installation Instructions**

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## Z890 and Z895 Setting the Trench

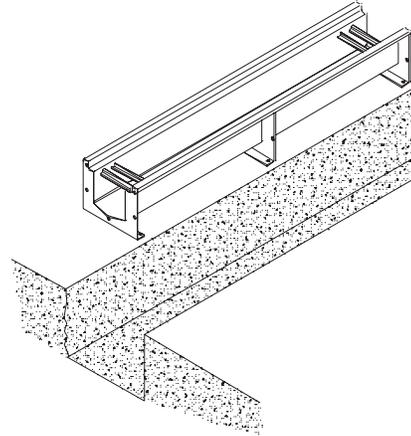
### Step 1

Locate the trench sections that have any accessories, such as end caps, bottom outlets, and/or end outlets. These accessories already come attached to the channels.



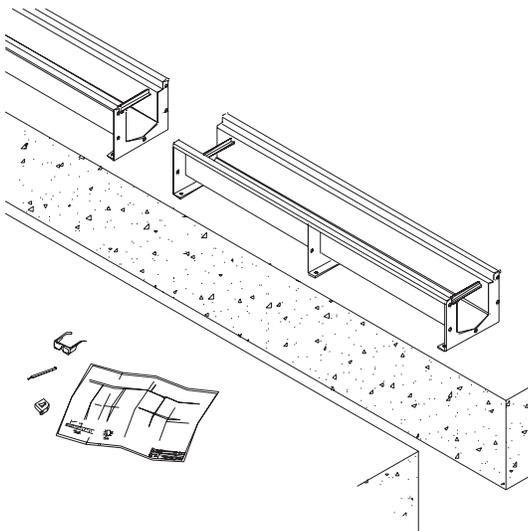
### Step 2

Trench excavation must be 4" [102 mm] greater than the trench depth and 8" [203 mm] greater than the widest part of the trench. Soft and/or shifting soil substrates may cause cracking of the concrete and consequent movement of the trench. It is critical that the concrete be poured on an adequate foundation.



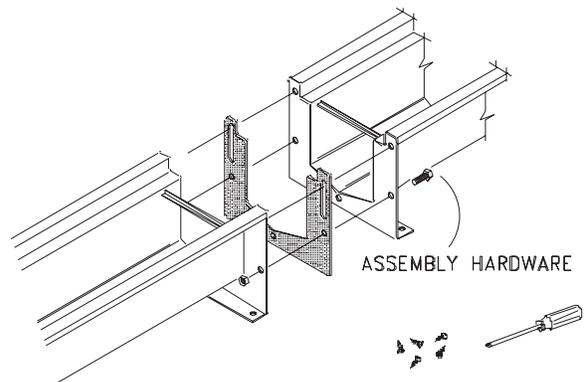
### Step 3

Upon completion of the trench excavation, the channels should be placed in numeric order alongside the excavation and according to the job layout. Each trench section has a trench identification number indicating its sequence within the system. Grates are not installed at this time.



### Step 4

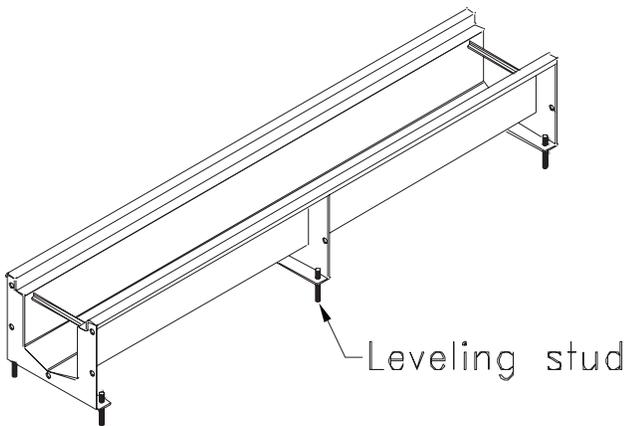
Assemble the trench run by aligning the two mating ends of the trench sections placing a 1/8" [3 mm] gasket in between the ends and fasten with the hardware fasteners provided. Trim the excess gasket material height. Silicon caulking may be used at each joint as a sealer.



## Z890-Z895 Installing the Trench, *continued*

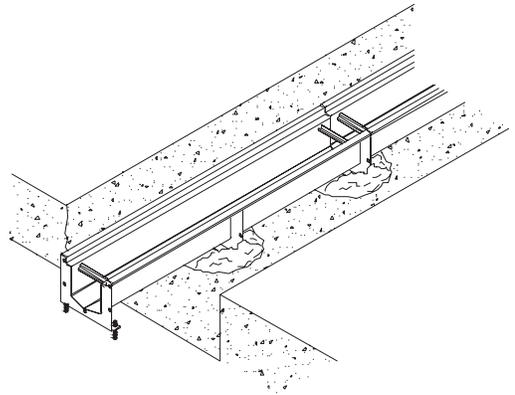
### Step 5

Use the leveling studs to set the trench run at the desired elevation. Once the entire run is assembled, a string line can be used to ensure a straight run.



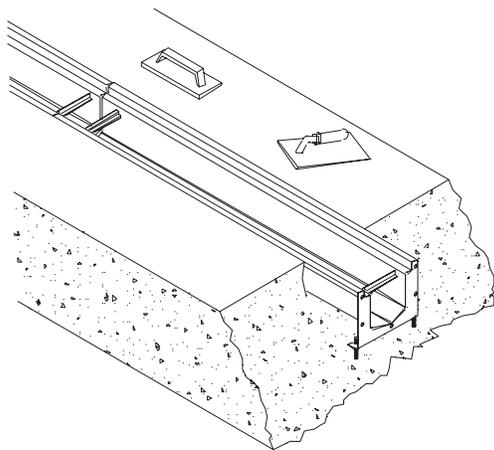
### Step 6

Anchor the trench run prior to final pour with concrete patties at each joint.



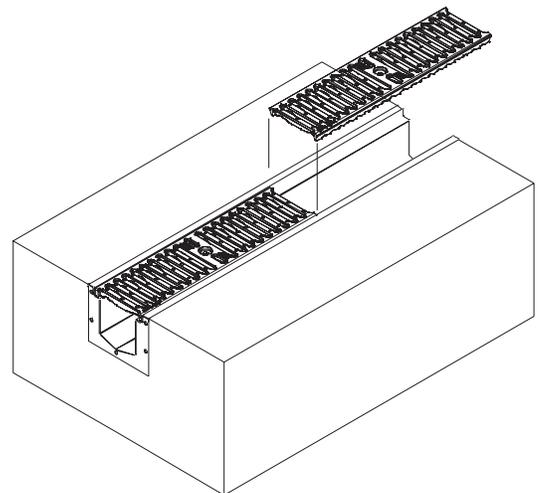
### Step 7

Pour the concrete around the profile of the trench drain. Be certain to adequately **vibrate** the concrete as it is being placed. Proper vibration will eliminate any unwanted voids within the concrete pour.



### Step 8

Once concrete has cured remove the trench spacers and install grates.



Allow for concrete shrinkage during finish troweling so that the top surface of the trench drain doesn't protrude from the floor surface after concrete has cured.



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