

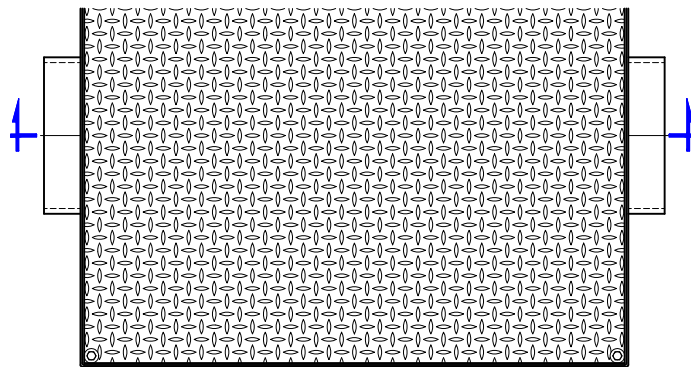
# LEAF FILTRATION DEVICE



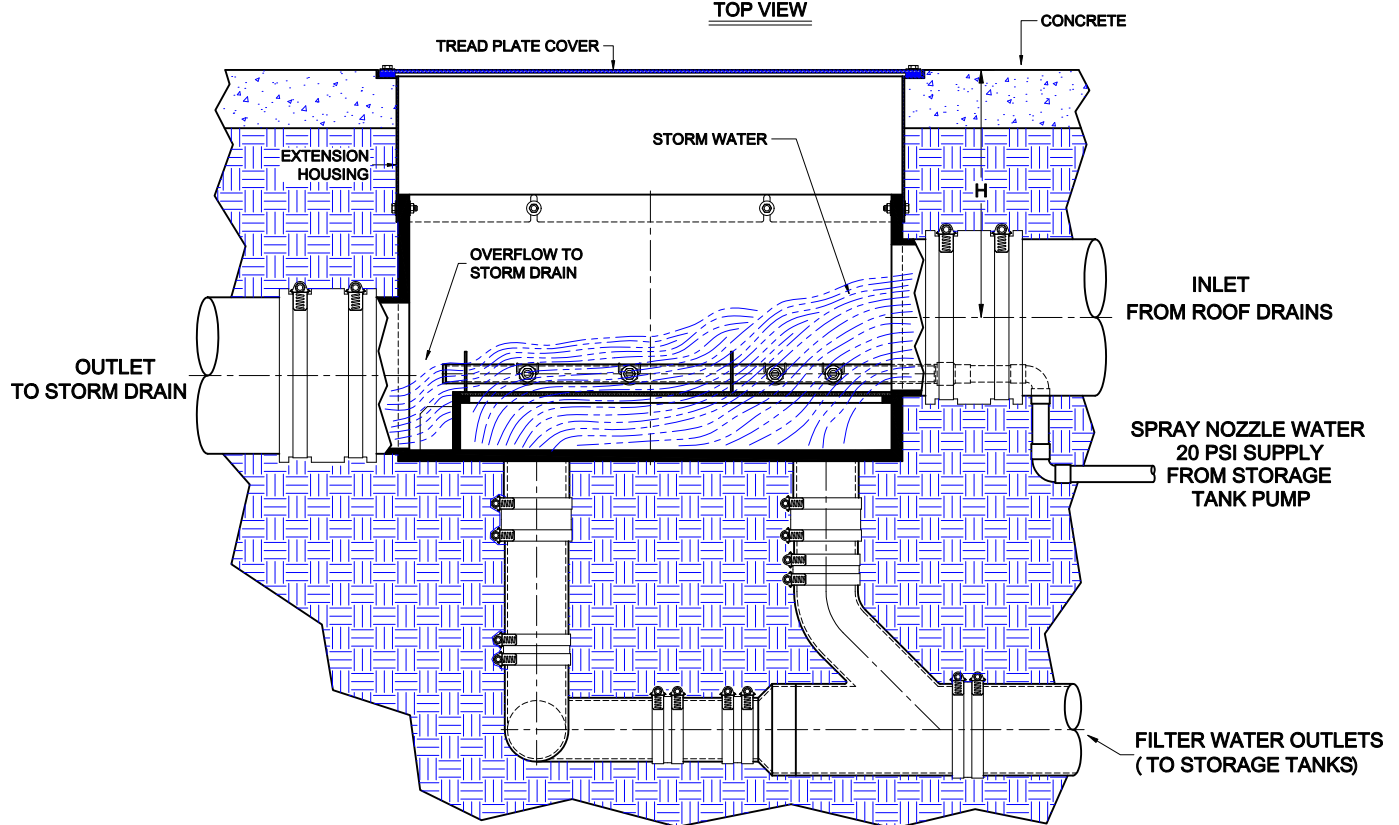
Approval Date  
 Customer Approval  
 Job Location  
 Job Name  
 Dimensional Data (Inches/mm) are Subject to Manufacturers Tolerance and Change Without Notice.

## WADE Trident

HDPE LEAF FILTRATION DEVICE WITH INLET/OUTLET, 304 S/S FILTER MAT, 4" OUTLETS FOR STORAGE TANK CONNECTION AND ADJUSTABLE SPRAY NOZZLES.  
 INSTALLATION INSTRUCTIONS ( UNDERGROUND - W/ OPTIONAL EXTENSION )



TOP VIEW



The Wade Trident leaf filtration device is for commercial rainwater harvesting systems. The unit may be installed either above grade or below grade. The Trident filter system is specifically designed to work with Wade Hydromax Siphonic roof drainage systems to remove debris before piping to a storage tank. For below grade applications, an optional extension is recommended. A flushing connection is provided and is connected to a water supply pump or to a potable water supply. If connected to a potable water supply, the connection must be made with an appropriate vacuum breaker to prevent contamination. The drain piping is first run to an elevation below the expected finish floor level. The piping is connected to the inlet with a mechanical coupling. Multiple 4" outlet connections are provided to pipe to the underground storage tank. The overflow outlet is piped to a storm sewer or settling pond. The pipe is installed with any of three connections; No-Hub, Inside Caulk, or Push-On Ty-Seal. For SV hub and spigot pipe, Tyler Ty-Seal lubricant is applied to the inside surfaces of the gasket and then firmly pushed into the pipe until it contacts the pipe stop. No-Hub piping should be installed with Tyler or Anaco/Husky couplings and secured with a torque wrench to the manufacturers recommendations. Once the body is connected to the pipe, the concrete slab is poured to an elevation level with the top of filter device. The water supply (flushing connection) should be on a timed circuit to intermittently flush debris from the stainless steel mat screen. The flat fan spray nozzles are adjustable for optimum cleaning.

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# LEAF FILTRATION DEVICE



Approval Date

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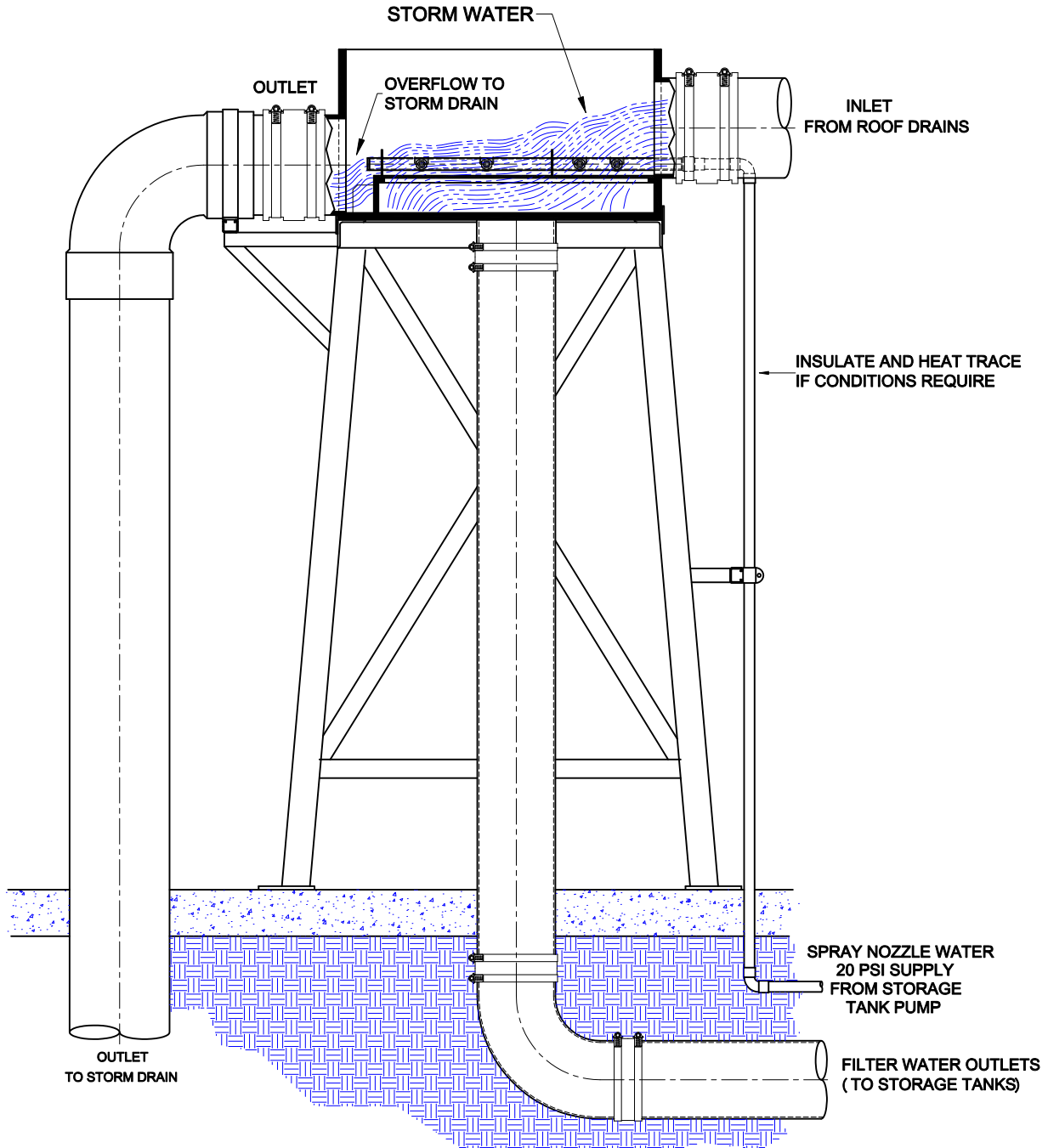
Job Location

Job Name

Wade Division / Tyler Pipe Assumes No Responsibility For Superseded or Voided Data  
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## WADE Trident

HDPE LEAF FILTRATION DEVICE WITH INLET/OUTLET, 304 S/S FILTER MAT, 4" OUTLETS FOR STORAGE TANK CONNECTION AND ADJUSTABLE SPRAY NOZZLES.  
 INSTALLATION INSTRUCTIONS ( ABOVE GROUND)



The Wade Trident leaf filtration device is for commercial rainwater harvesting systems. The unit may be installed either above grade or below grade. The Trident filter system is specifically designed to work with Wade Hydromax Siphonic roof drainage systems to remove debris before piping to a storage tank. For above grade applications, an optional support frame is recommended. A flushing connection is provided and is connected to a water supply pump or to a potable water supply. If connected to a potable water supply, the connection must be made with an appropriate vacuum breaker to prevent contamination. The drain piping is first run to an elevation at the expected installation level. The piping is connected to the inlet with a mechanical coupling. An optional single outlet connection is used to pipe to the underground storage tank. The overflow outlet is piped to a storm sewer or settling pond. The water supply (flushing connection) should be on a timed circuit to intermittently flush debris from the stainless steel mat screen. The flat fan spray nozzles are adjustable for optimum cleaning.

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