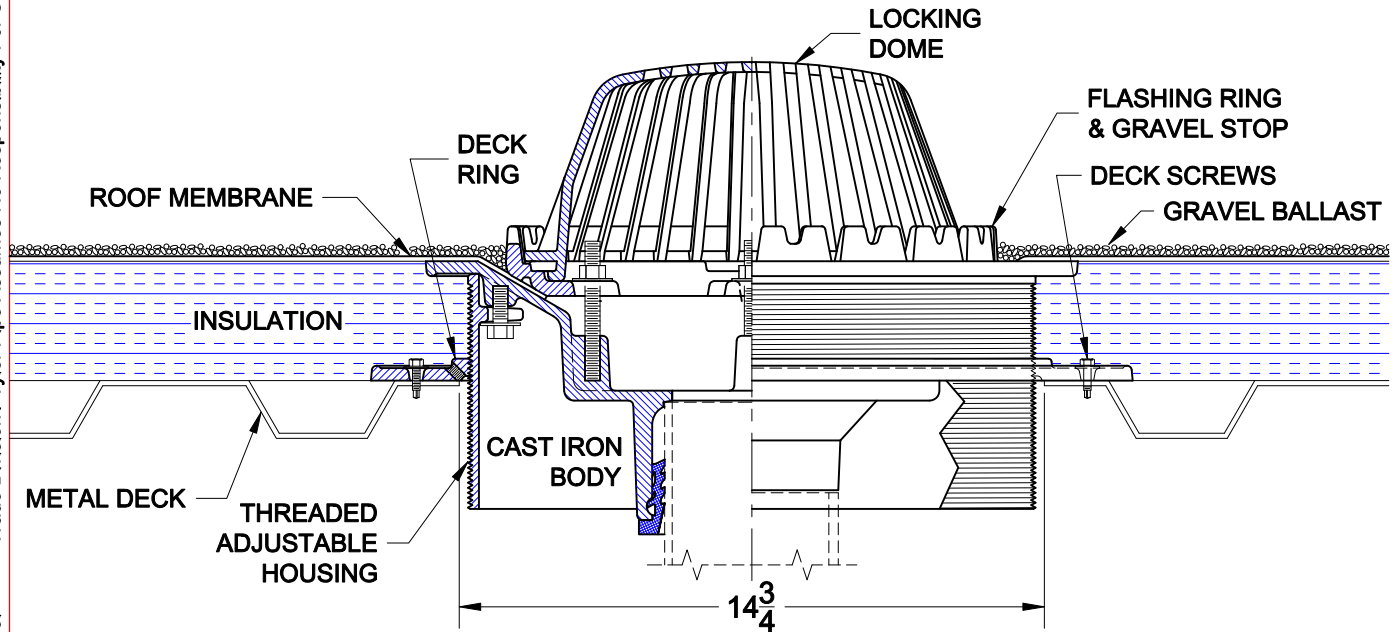


ROOF DRAIN



3000-AE

CAST IRON ROOF DRAIN WITH FLANGE, FLASHING RING INTEGRAL WITH MEMBRANE CLAMP, MUSHROOM DOME, CAST IRON ADJUSTABLE EXTENSION AND BOTTOM OUTLET.



INSTALLATION

The Wade 3000-AE is used for conventional roof membrane insulated systems. The insulation thickness must be determined before installation. The cast iron adjustable extension accommodates insulation thickness from 1" up to 6". As the adjustable extension raises the roof drain body up to the level of the insulation, several benefits are apparent. The seal common to fixed extensions is eliminated, reducing the risk of leaks. The raised body allows horizontal piping to be closer to the underside of the roof - this is beneficial as long horizontal runs of sloped gravity feed piping are sometimes space limited.

1. At the predetermined location, cut a circular opening into the deck to receive the deck ring. The ring is secured to the deck with common self tapping deck screws. A bearing pan and underdeck clamp option is not needed.
2. Secure the threaded adjustable housing to the roof drain body with two 3/8-16NC hex head screws and flat washers. Bosses on the bottom of the drain body match lugs on the adjustable housing.
3. On the roof side, install the adjustable housing by screwing into the deck ring. Adjust to the desired height.
4. The insulation is applied - it should be flush with the top surface of the drain body. If the insulation is thicker than the top surface of the extension flange, taper the insulation from a 24" diameter to the top surface of the body flange.
5. Apply the waterproof membrane per manufacturers recommendations. Membrane must lay flat and contour the opening. Install the flashing ring with the provided hardware, securely fastening the membrane between the body and the flashing ring. Gravel ballast is evenly spread over the membrane up to the perimeter of the flashing ring gravel stop.
5. The dome is installed by a setting into the ring and twisting to lock.

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Approval Date
 Customer Approval
 Job Location
 Job Name
 Wade Division / Tyler Pipe Assumes No Responsibility For Superseded or Voided Data
 Dimensional Data (Inches/mm) are Subject to Manufacturers Tolerance and Change Without Notice.

ROOF DRAIN

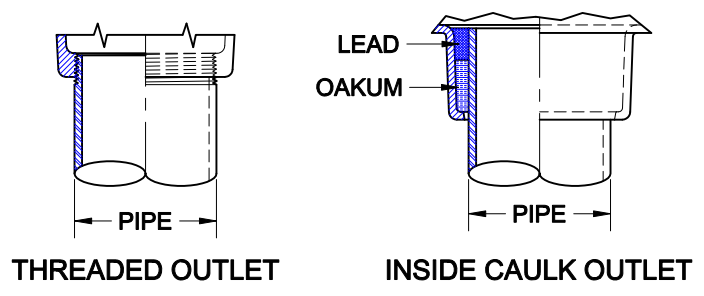
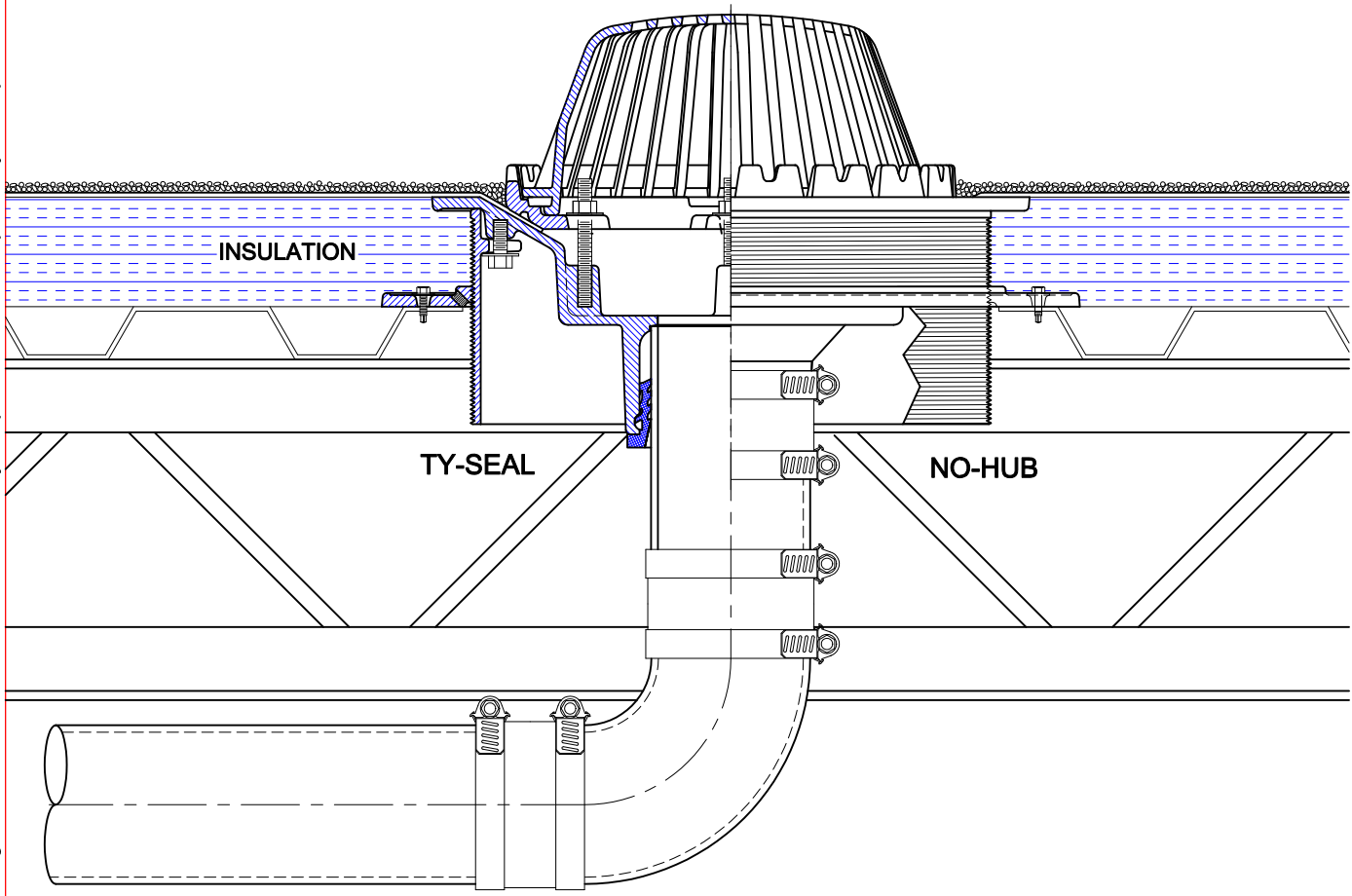


3000-AE

CAST IRON ROOF DRAIN WITH FLANGE, FLASHING RING INTEGRAL WITH MEMBRANE CLAMP, MUSHROOM DOME, CAST IRON ADJUSTABLE EXTENSION AND BOTTOM OUTLET.

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PIPE INSTALLATION

The drain piping is first run to an elevation below the roof drain. The drain body is secured to the pipe with any of four connections; No-Hub, Inside Caulk, Threaded or Push-On Ty-Seal. The type of connection must be specified upon ordering any Wade Drain. If the Ty-Seal connection is specified, apply Tyler Ty-Seal lubricant to the inside surfaces of the gasket and then firmly push the pipe into the hub until it contacts the pipe stop in the body. No-Hub outlets should be installed with Tyler or Anaco/Husky couplings and secured with a torque wrench to the manufacturers recommendations. Inside Caulk and threaded connections should follow standard industry practices. Once the body is connected to the pipe, the horizontal piping runs are sloped for gravity feed the the down pipe locations. The piping must be supported to recommended hanger spacings and insulated if required.

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