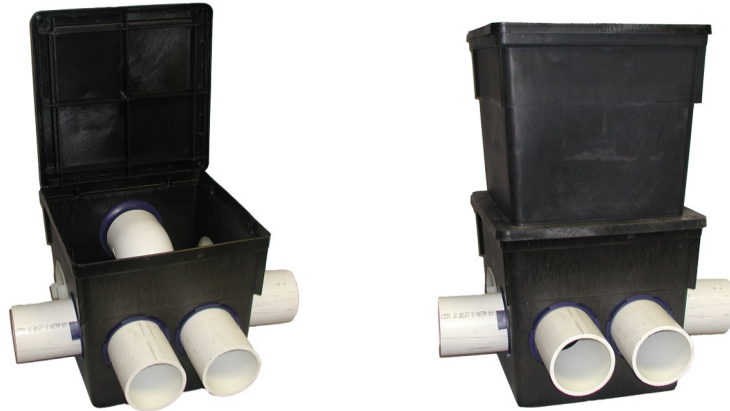




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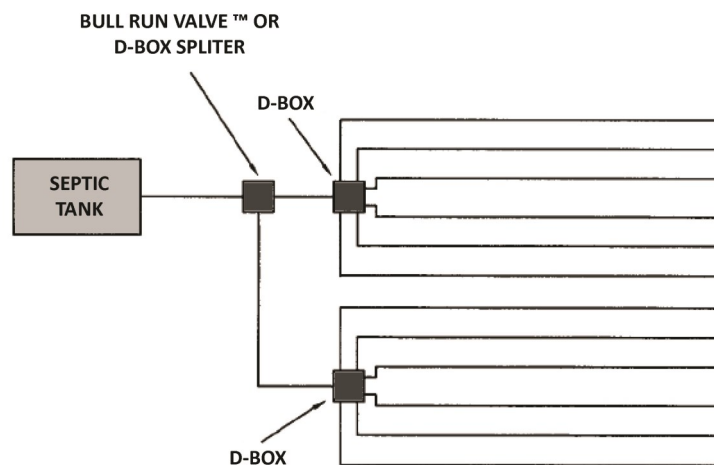
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## DISTRIBUTION BOXES



### AMERICAN MANUFACTURING DISTRIBUTION & DROP BOXES

- \* High Density Polyethylene
- \* Light Weight
- \* Easy-Lock Seals
- \* Ideal for Upgrades and Repairs
- \* Large Size to Meet All Codes
- \* Nested for UPS & LTL Shipment
- \* Available with up to 9 Holes
- \* Quick and Easy Installation



### TYPICAL INSTALLATION WITH BULL RUN VALVE™ OR D-BOX SPLITTER

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## DISTRIBUTION BOX



American Distribution Boxes are made of high-density polyethylene for years of dependable use. They are non-corrosive, strong, and lightweight for easy handling.

Inlet and outlet elevations are positioned to provide equal distribution and meet most local codes.

Twist and lock 4" pipe seals and plugs are easily installed and fit all 4" plastic pipes.

Precise leveling is simple with the addition of our patented Dial-A-Flow™

## GRADE ACCESS RISER



The Distribution Box Riser is made of high-density polyethylene and is easily assembled for installation.

Risers can be provided as both gas and watertight. It also screws into the lower unit with stainless steel Phillips head screws.

The 14" riser allows at-grade access to the Distribution or Dropbox for inspection and leveling.

Each riser is provided with an anti-flotation adapter flange. An optional stainless steel screw package fastens the lid to prevent tampering or accidents.

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## DISTRIBUTION BOX SEALS



For standard installation instructions, reference the *American Distribution Box Installation Instructions*.

Due to the unique twist-lock seal design, the seals may be easily adapted for increased head installations by simply applying a sealing compound to the surface of the seals.

For smooth walled installation with an increased head, select the proper seals for the box/pipe configuration. Place a bead of asphalt-based sealant where the seal lip contacts the box. Insert the seal into the box opening, then twist and lock each seal.

For corrugated pipe installation with an increased head, select the proper seals for the box/pipe configuration. Place a bead of asphalt-based sealant where the seal lip contacts the box. Insert the seal into the box opening, then twist and lock each seal. Cut the corrugated pipe to receive an American Dial-A-Flow™. Compress the first three corrugations of the pipe and insert the pipe into the box seal. Lock the pipe and seal at first corrugation. Expand the pipe to its original shape. Place a bead of sealant around the pipe and seal connection, and wipe around the pipe with a gloved finger.

## DROP BOX

Drop (serial distribution) box inlet and outlet are positioned to meet local code requirements. Leveling or flow control can be done with the American Dial-A-Flow™.



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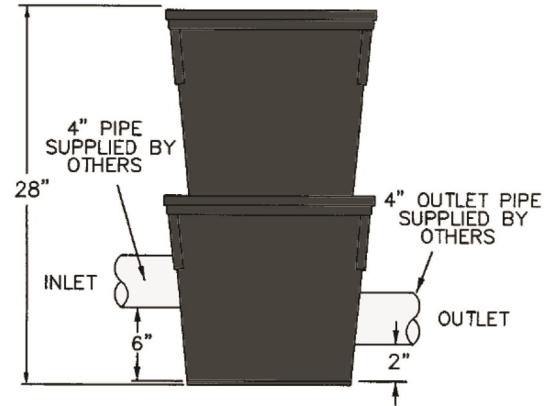
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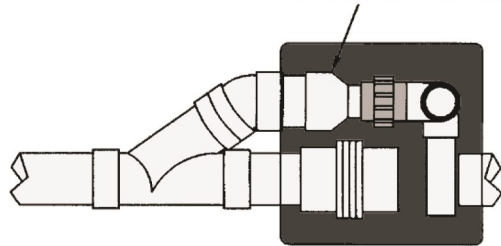
## GRADE ACCESS BOXES

### SAMPLING CONTAINER

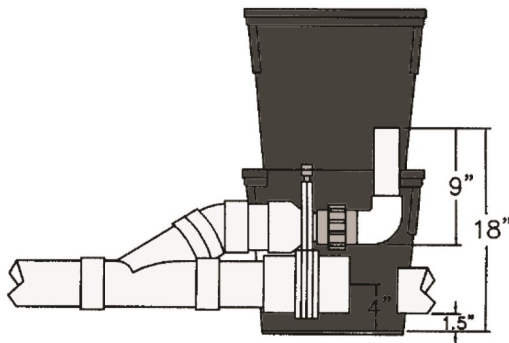
The American sampling container provides a simple non-corrosive method to sample wastewater. This grade-level box has an anti-flotation collar and a sealed and securable lid for order control and safety. The sampling container has inlet and outlet seals with 4" separation to allow uncontaminated sampling.



4" x 2" REDUCING BUSHING



TOP VIEW



SIDE VIEW

### WETLAND OUTLET BOX

The wetland outlet box shall be constructed of non-corrosive high-density polyethylene plastic. The wetland box shall have a minimum bottom dimension of 12" by 12" and shall be 28" tall. The box shall be supplied with fittings to provide a 9" nominal adjustable water level for a maximum wetland depth of 16" and a minimum depth of 6".

### WETLAND LINER

The wetland liner shall be composed of a 20 or 30 mil PVC material of the size required to cover the bottom of the wetland plus the side walls and an overlap of 3' for backfill securing cover.

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## DISTRIBUTION BOXES

### DISTRIBUTION BOX INSTALLATION INSTRUCTIONS AND SPECIFICATIONS:

Provide high-density polyethylene drop or distribution box with holes punched suitable to receive locking seals. The box shall be strong, non-corrosive, lightweight, and easily installed. The box shall be of the dimensions shown and as manufactured by American Manufacturing Co., Inc. Elkwood, VA.

#### INSTALLATION INSTRUCTIONS

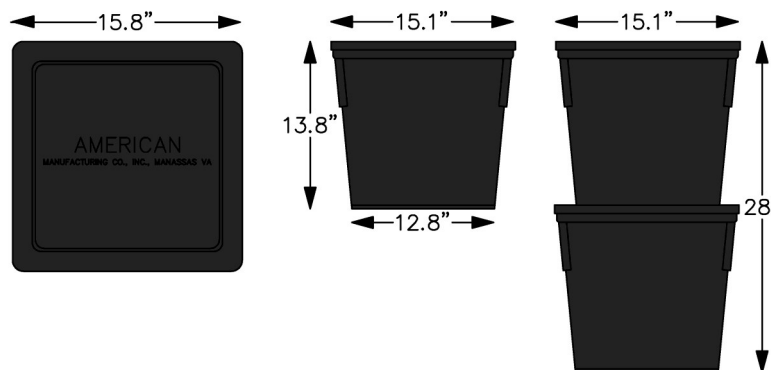
1. Excavate trench bottoms for the inlet and outlet pipe elevations suitable to meet invert and grade elevations.
2. Hand excavate a square hole just large enough to receive the box and place pipe inverts at proper elevations.
3. Install seals and pipes.
4. Backfill to the top of the box.
5. Inspect and backfill grade.

#### GRAVEL BACKFILL

1. Hand backfill with gravel to the top of the box.
2. Ensure the lid is on the box and backfill to grade with available soil.

#### COMPACTABLE BACKFILL

1. Hand backfill to the top of the box in two layers.
2. Tamp each layer starting 8" away from the box, ensuring not to create excessive deflection in the box side wall.
3. Ensure the lid is on the box and backfill to grade with available soil.



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## SEALS & PIPE

### **LOCKING SEALS INSTALLATION INSTRUCTIONS AND SPECIFICATIONS**

Provide a non-corrosive locking double sealing, low-density polyethylene seal suitable to receive the specified pipe. The seal shall rotatably lock at four locations and be provided with at least two turning ears.

#### **SMOOTH WALL PIPE**

1. Select the proper seals for the box configuration.
2. Insert seals into the box, turn and lock each seal.
3. Place the box in the hole and insert the pipe at least one inch inside the box.

#### **CORRUGATED PIPE**

1. Select the proper seals for the box configuration.
2. Insert seals into the box, turn and lock each seal.
3. Place the box in the hole and insert the pipe at least one inch inside the box.
4. Cut the corrugated pipe to receive an American Dial-A-Flow™.
5. Compress the first three pipe corrugations and insert the pipe into the box, seal and lock the pipe and seal at first corrugation.
6. Expand the pipe to its original shape.

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## ITEM NUMBERS AND DESCRIPTIONS

<b>ITEM</b>	<b>DESCRIPTION</b>
DBOX	DISTRIBUTION BOX ONLY
DBOX4	4 HOLE DISTRIBUTION BOX ONLY
DBOX5	5 HOLE DISTRIBUTION BOX ONLY
DBOX6	6 HOLE DISTRIBUTION BOX ONLY
DBOX7	7 HOLE DISTRIBUTION BOX ONLY
DBOX8	8 HOLE DISTRIBUTION BOX ONLY
DBOX9	9 HOLE DISTRIBUTION BOX ONLY
DBOXSPLITTER3	SPLITTER BOX WITH 3 HOLES
DBOXLID	DISTRIBUTION BOX LID
DBOXRISER	DISTRIBUTION BOX RISER W/FLANGE AND 8 SCREWS
DBOXRISERSL	DISTRIBUTION BOX RISER W/ SEALED FLANGE
DROPBOX4	DISTRIBUTION DROP BOX 4 SEALS AND 1 PLUG
DBOXSEALCLEAR	DISTRIBUTION BOX SEAL CLEAR
DBOXSEALBLUE	DISTRIBUTION BOX SEAL BLUE
DBOXPLUG	DISTRIBUTION BOX PLUG 4"
DBOXSCREW	#8 1-1/4" PHILLIPS PAN HEAD SS SCREW
DBOXSAMPLER30	DBOX SAMPLER BOX W/ RISER
WETLANDBOX	WETLAND OUTLET BOX
WETLANDBOXV	OUTLET BOX W/4" SLIDE GATE
LINERBOOT2	LINER BOOT 2"
LINERBOOT3	LINER BOOT 3"
LINERBOOT4	LINER BOOT 4"
PVCLINER20MIL	PVC FILTER LINER 20 MIL/FT
PVCLINER30MIL	PVC FILTER LINER 30 MIL/FT

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