

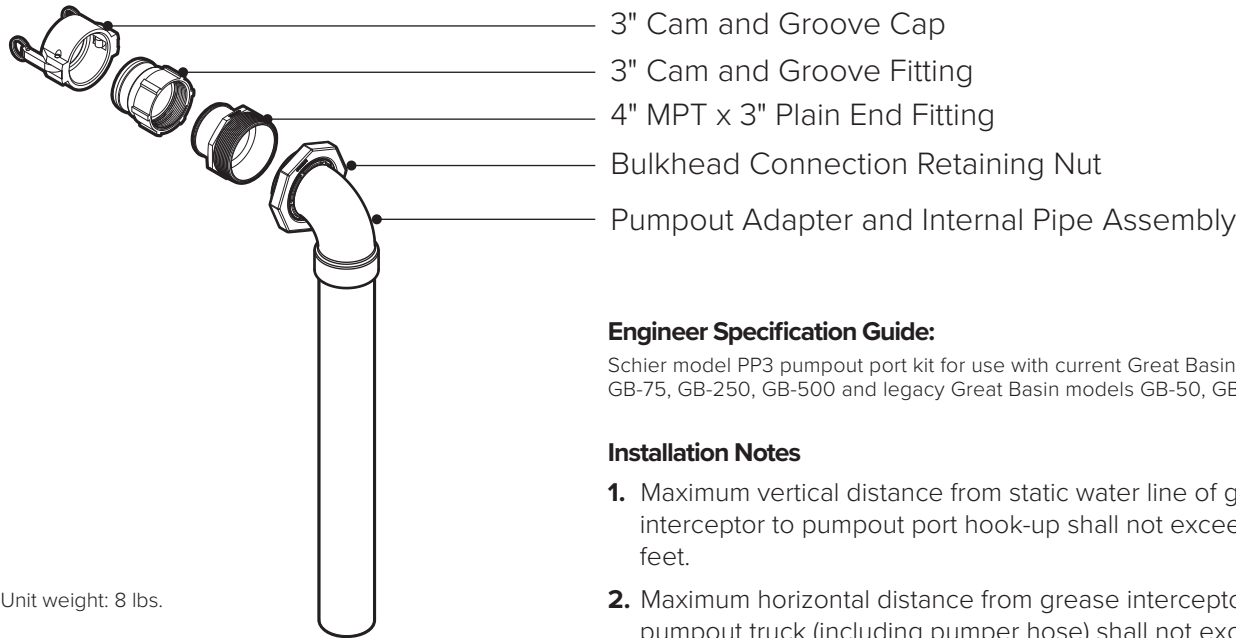
# SPECIFICATION AND INSTALLATION GUIDE



Failure to follow  
this guidance voids  
your warranty

## PP3

Pumpout Port Kit for use with Grease Interceptors Models GB-50, GB-75, GB-250 and GB-500 and Legacy Models GB-50, GB-75 and GB-250



### Engineer Specification Guide:

Schier model PP3 pumpout port kit for use with current Great Basin models GB-50, GB-75, GB-250, GB-500 and legacy Great Basin models GB-50, GB-75 and GB-250.

### Installation Notes

1. Maximum vertical distance from static water line of grease interceptor to pumpout port hook-up shall not exceed 21 feet.
2. Maximum horizontal distance from grease interceptor to pumpout truck (including pumper hose) shall not exceed 100 feet.
3. Plumbing from interceptor to hook-up to have a maximum quantity of 6 elbow fittings.
4. Designed for maximum 3" pumpout line diameter.
5. Solid wall PVC recommended for pumpout line. Do not use foam core PVC.
6. Additional plumbing fitting(s)/piping required to complete installation. Fitting(s) determined by unit outlet configuration.
7. A valve is recommended on the pumpout line for odor and overflow containment.

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MODEL NUMBER:  
**PP3**

DESCRIPTION: Pumpout Port Kit

PART #: 8400-014-01

DATE: 07/01/2024

REV:

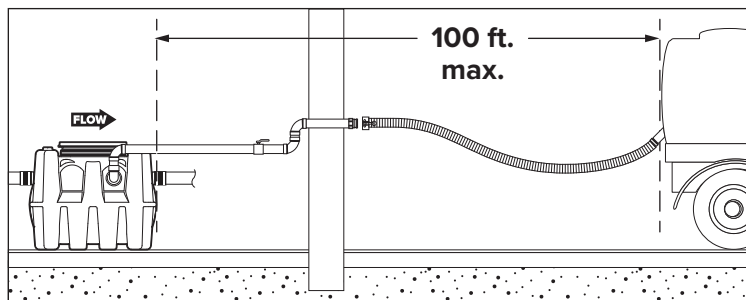
ECO:

# SPECIAL PRECAUTIONS

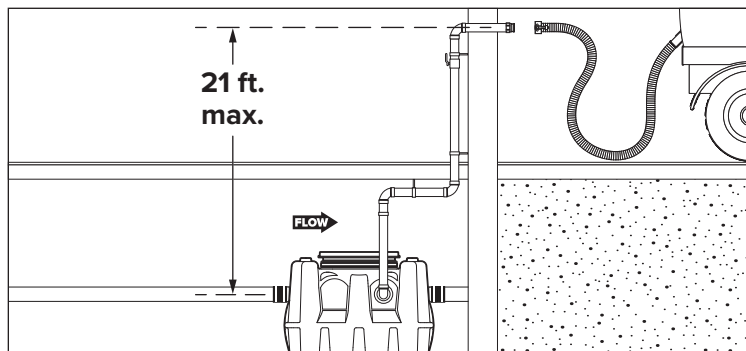


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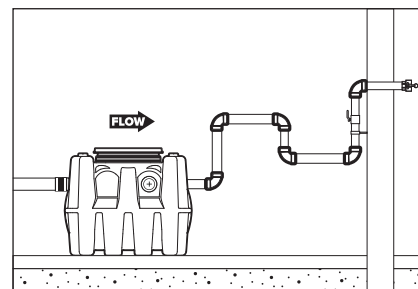
Maximum horizontal distance from grease interceptor to pumpout truck (including pumper hose) shall not exceed 100 feet.



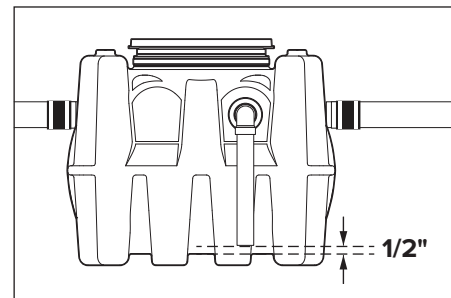
Maximum vertical distance from static water line of grease interceptor to pumpout port hook-up shall not exceed 21 feet.



Plumbing from interceptor to hook-up to have a maximum quantity of 6 elbow fittings.



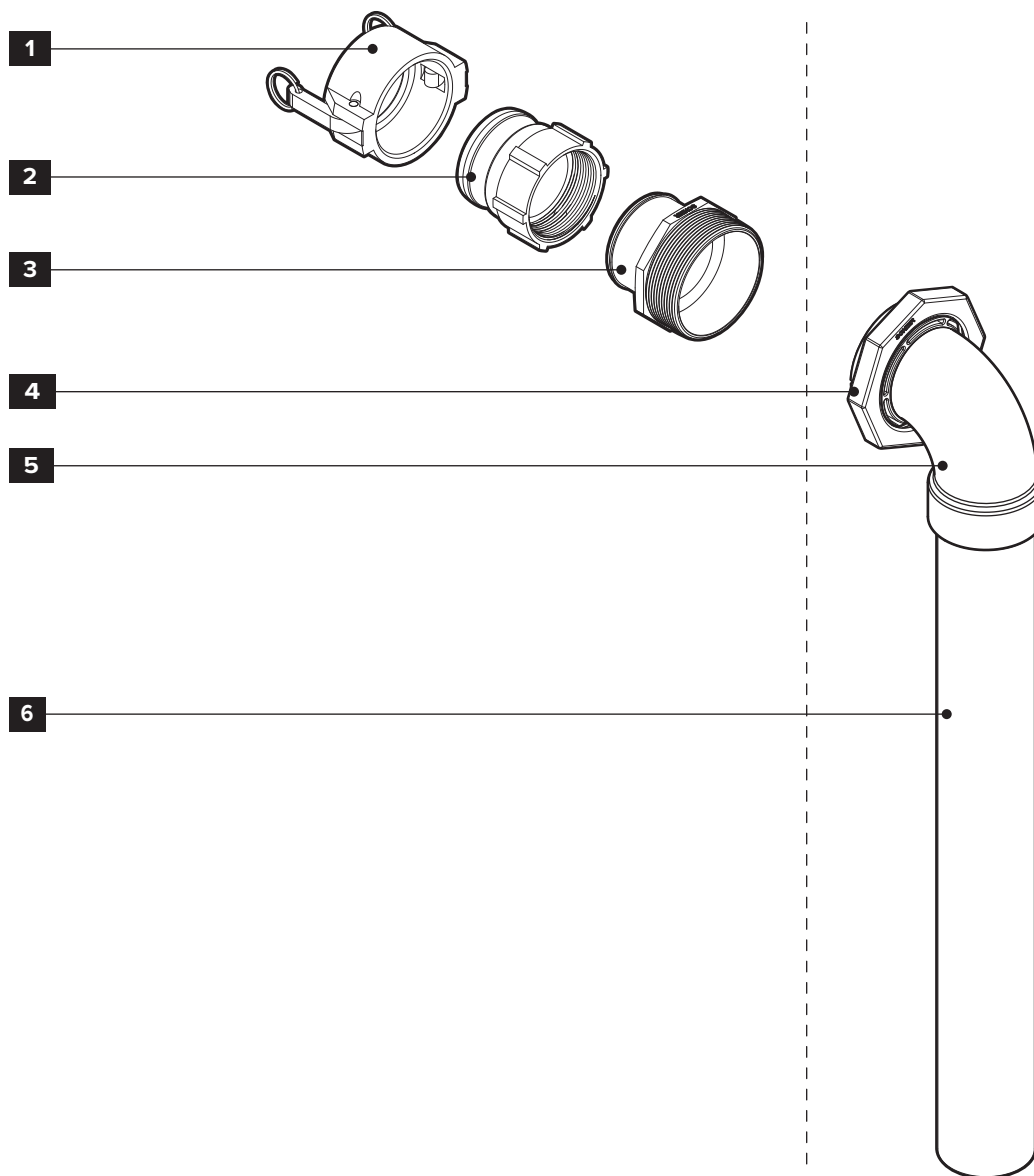
Minimum 1/2" clearance at interceptor floor for internal 3" PVC pipe



# GETTING TO KNOW THE PP3

## External Components

## Internal Components



### External Components

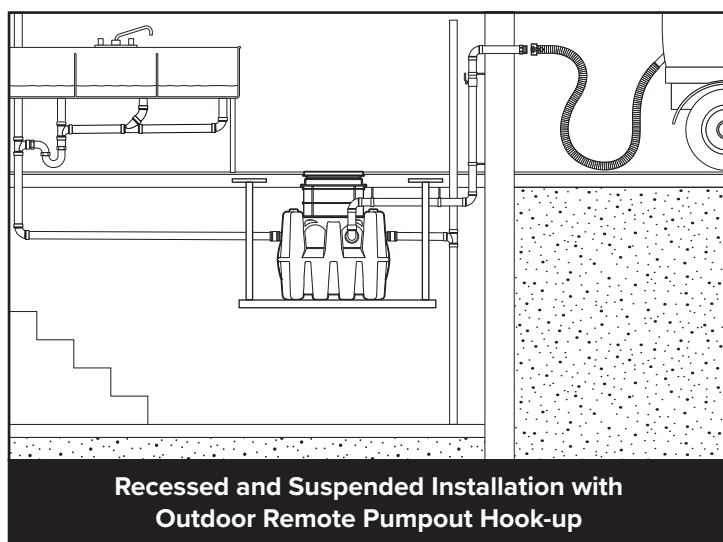
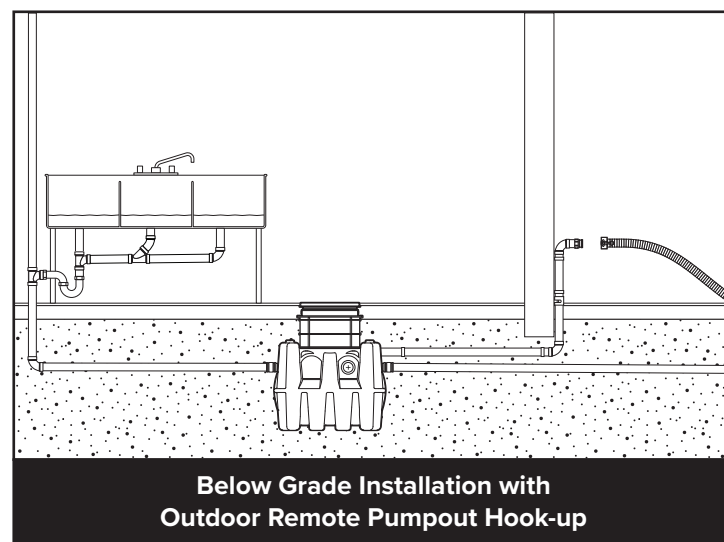
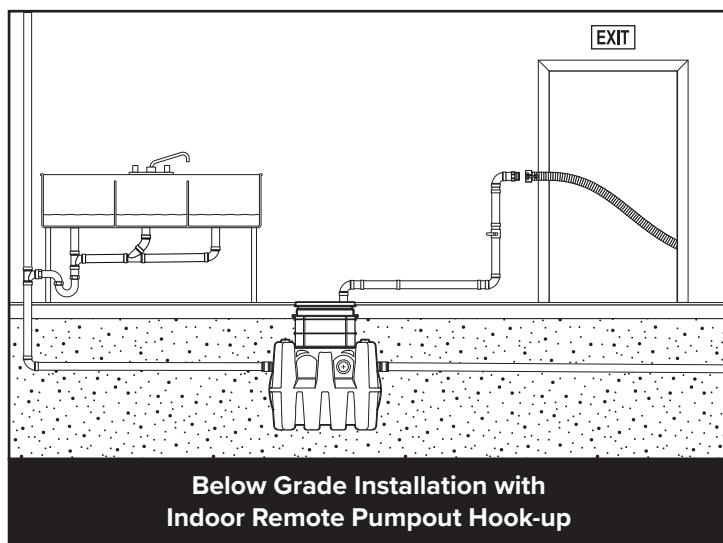
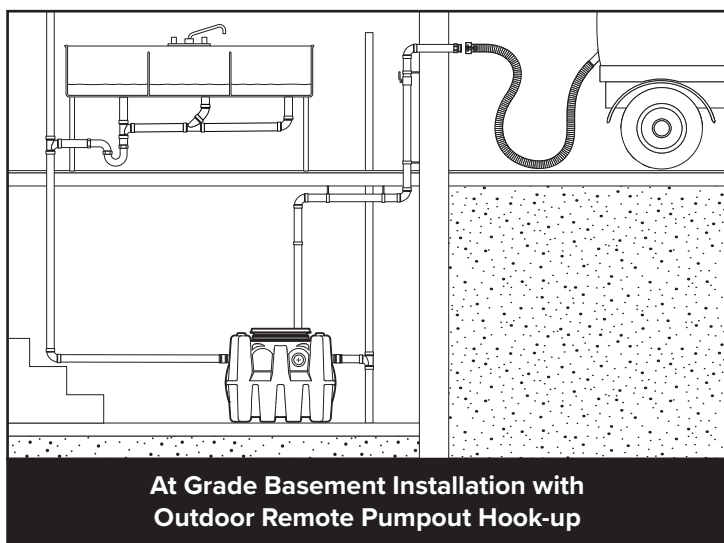
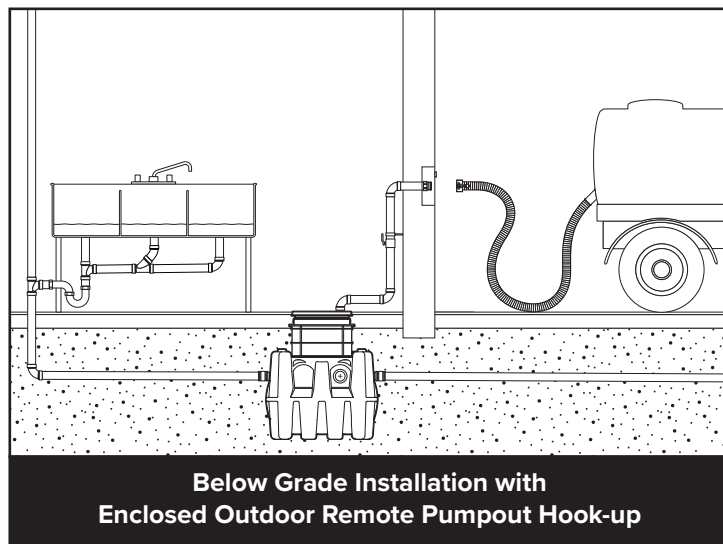
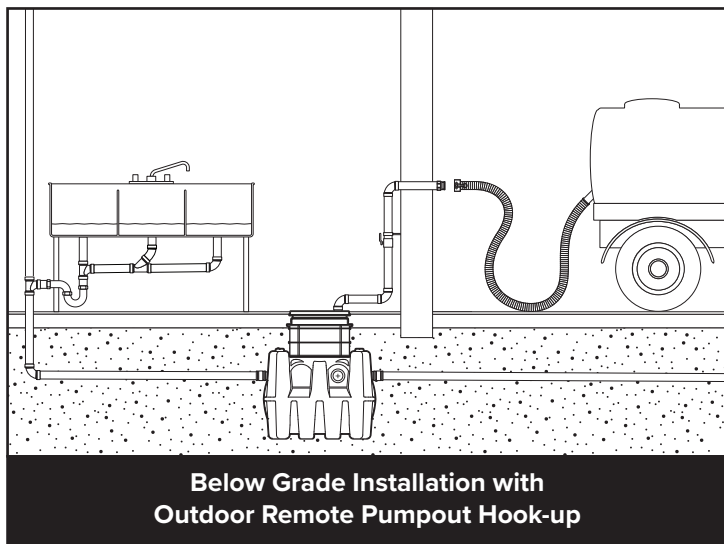
1. 3" cam and groove cap
2. 3" cam and groove fitting
3. 4" MPT x 3" plain end fitting

### Internal Components

4. Bulkhead connection retaining nut
5. 4" PVC pumpout port adapter with 3" PVC elbow fitting
6. Internal 3" PVC pipe

# INSTALLATION

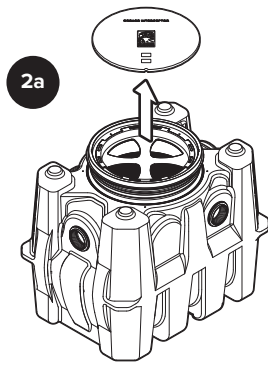
Use the following illustrations for guidance to plan your pumpout port piping layout.



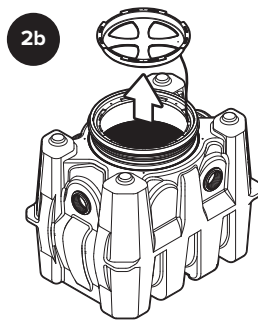
## 1 Plan pumpout plumbing

See "**INSTALLATION IDEAS**" for guidance. Choose an unused outlet on the interceptor to convert into a pumpout port and choose a location for the pumpout hook-up. **NOTE:** This kit does not include the additional plumbing fittings/piping from the interceptor to the hook-up location. You will need to plan out the pumpout plumbing based on site conditions and local codes and provide all additional piping, valves, connections and hardware needed to complete this installation.

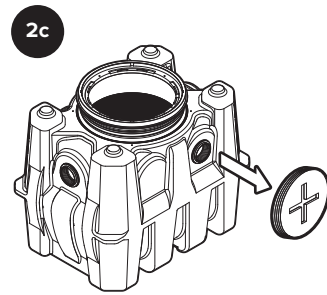
## 2 Prepare interceptor for pumpout port installation



Remove cover



Remove Safety Star® insert,  
leave tethered to unit

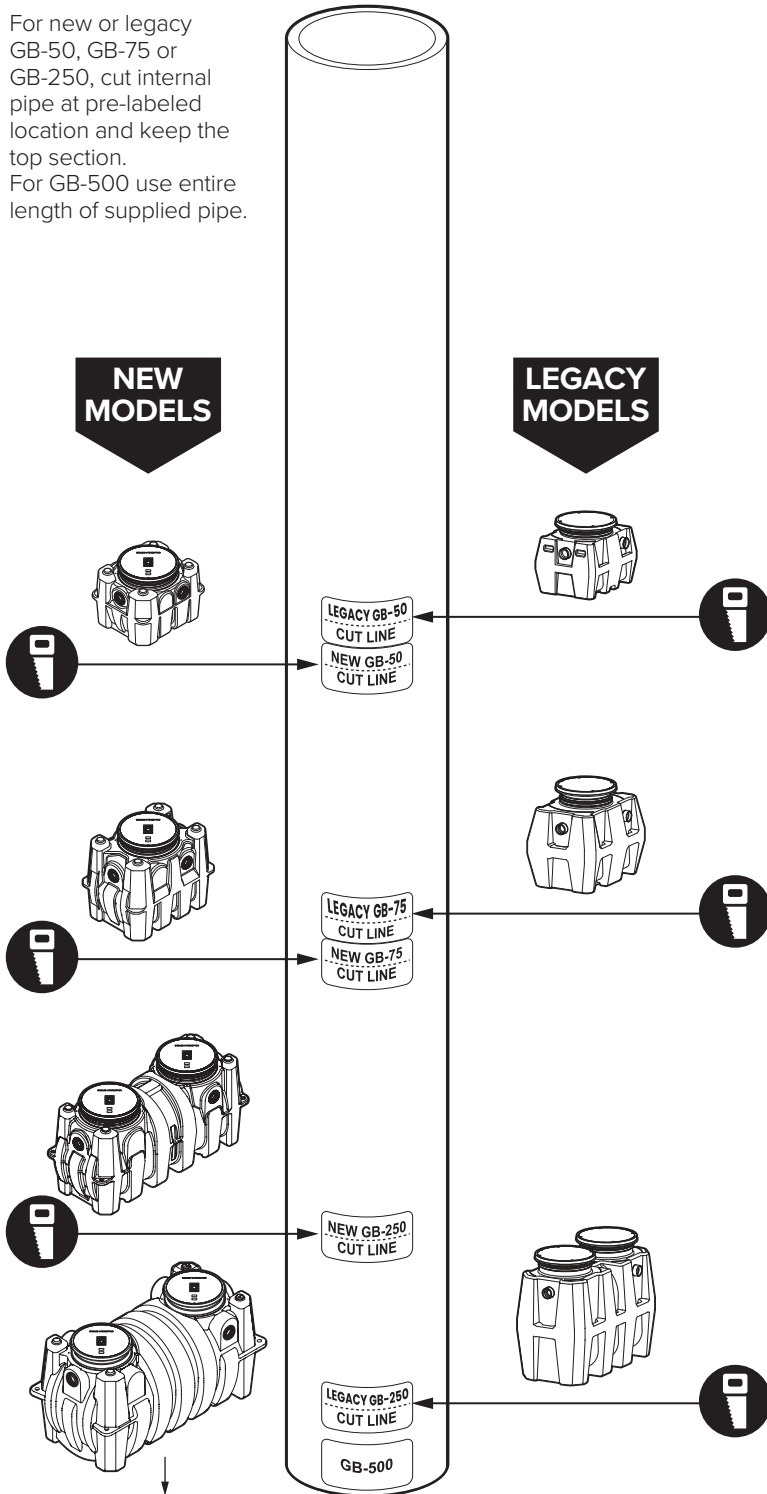


If necessary, remove  
cleanout plug from outlet  
chosen for pumpout port  
connection

## 3 Assemble and Install Internal Pipe Assembly

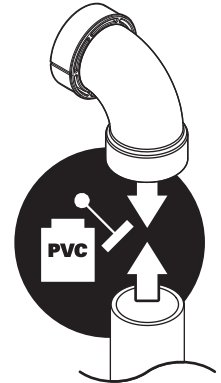
3a

For new or legacy GB-50, GB-75 or GB-250, cut internal pipe at pre-labeled location and keep the top section.  
For GB-500 use entire length of supplied pipe.



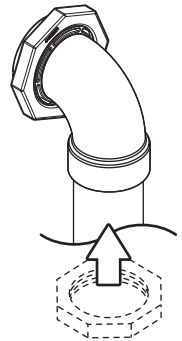
3b

Use PVC primer/cement to assemble internal vertical pipe to pumpout port adapter with elbow fitting.



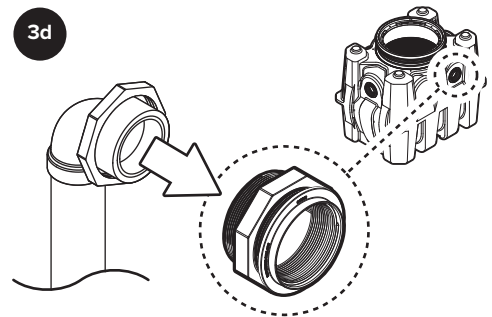
3c

Place the bulkhead connection retaining nut into position against the rim of the pumpout port adapter, starting at the bottom of the internal pipe assembly and slide it up and over the elbow.



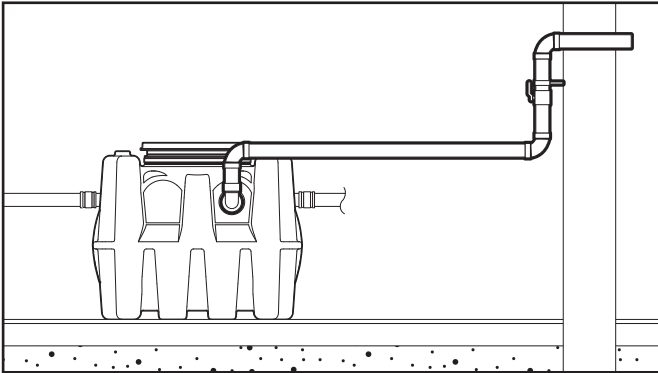
3d

Place internal pipe assembly onto desired internal connection stub. Ensure piping assembly is pointed down (as shown) and there is at least 1/2" of clearance between the pipe and floor of unit. Securely tighten hand tighten retaining nut.

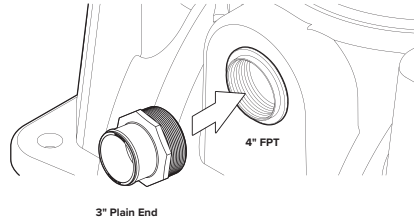


# INSTALLATION

## 4 Connect External Piping

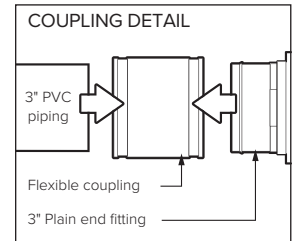


4a



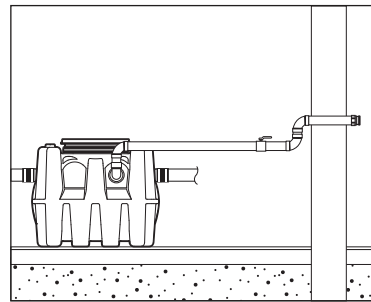
Install 4" MPT x 3" plain end fitting into desired external connection using pipe thread sealant or tape.

4b



Mechanically couple 3" PVC piping to pumpout port connection on interceptor. **Do not solvent weld.**

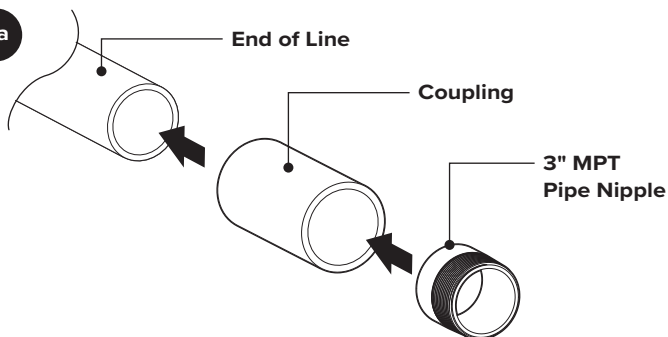
4c



Install remainder of PVC piping and fittings to the pumpout hook-up location. **Note:** A valve is recommended for odor and overflow containment.

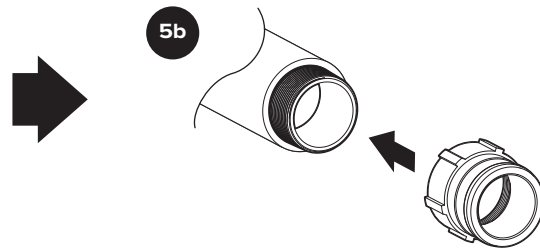
## 5 Connect Pumpout Hook-up

5a



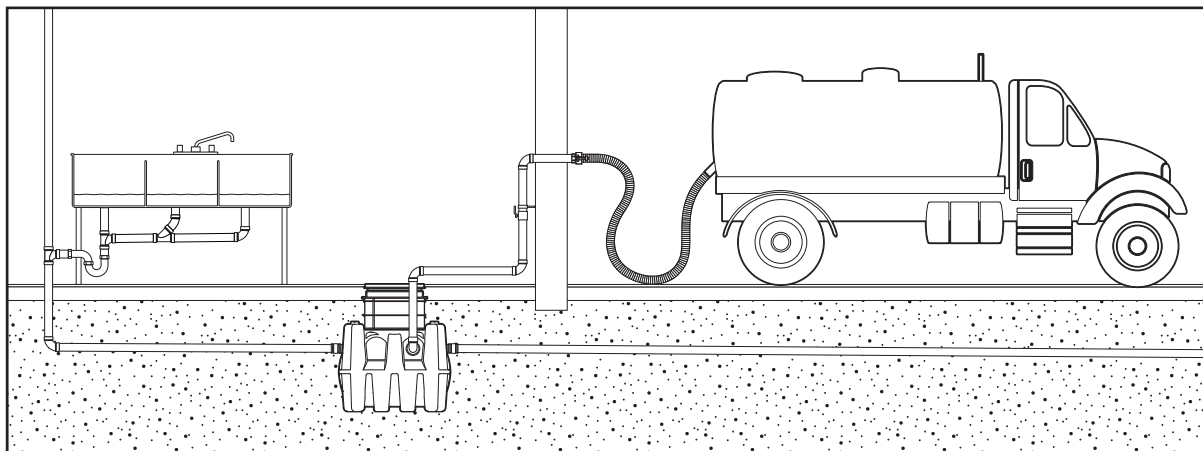
At the end of the pumpout plumbing line, install a 3" MPT pipe nipple (**Not included with this kit**) using a coupling of your choice.

5b



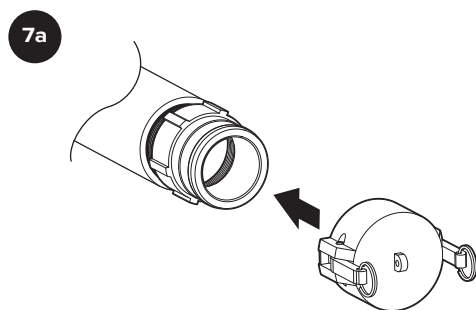
Securely attach supplied 3" Cam and Groove Fitting to pipe nipple using pipe thread sealant or tape.

## 6 Test Pumpout Port

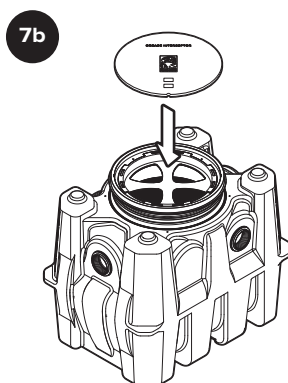


Run sinks to ensure interceptor is full of water. Attach pumper hose to 3" cam and groove fitting. Open valve (if installed on line). Turn on pump, make sure interceptor is pumped out and inspect pumpout plumbing for leaks.

## 7 Cap off hookup and re-assemble interceptor



Install cap on cam and groove fitting



Replace safety star insert and cover, tightening cover bolts securely (if applicable).