Sheet Descriptions

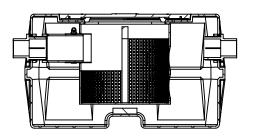
- Sheet #1 Series overview and Warranty information
- Sheet #2 General installation guidelines and Operation/Maintenance guidelines
- Sheet #3 Below Grade installation guidelines (PS-35, PS-50, PS-125, PS-275) Sheet #4 - Below and Above Grade installation guidelines
- Sheet #5 TeleGlide Riser installation guidelines (PS-35, PS-50, PS-125, PS-275)
- Sheet #6 TeleGlide Riser installation guidelines (PS-15, PS-25)

Leak/Seal Testing

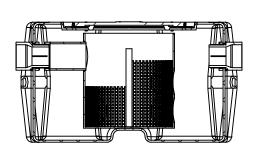
DO NOT AIR TEST UNIT OR TELEGLIDE RISER SYSTEM! Doing so may result in property damage, personal injury or death.

Base Unit: To perform a leak/seal test on the base unit, cap/plug all plumbing connections, remove the cover, and fill the unit with water just above the highest connection. Inspect unit and connections for leaks. Check water level at specific time intervals per local code.

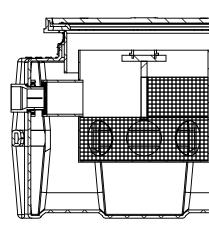
TeleGlide Riser System: If required by local code, the riser system may be leak/seal tested similar to the base unit. CAUTION: the riser(s) must be supported before filling with water to keep from tipping over. Once riser system is in place and properly supported, cap/plug all plumbing connections on the main unit, remove the cover from the top of the riser assembly and fill the unit and riser system with water to finished grade level. Carefully, as the riser(s) will be very heavy from the weight of the water, inspect all gasket(s) and clamps (if applicable) for any leaks. Check water level at specific time intervals per local code.



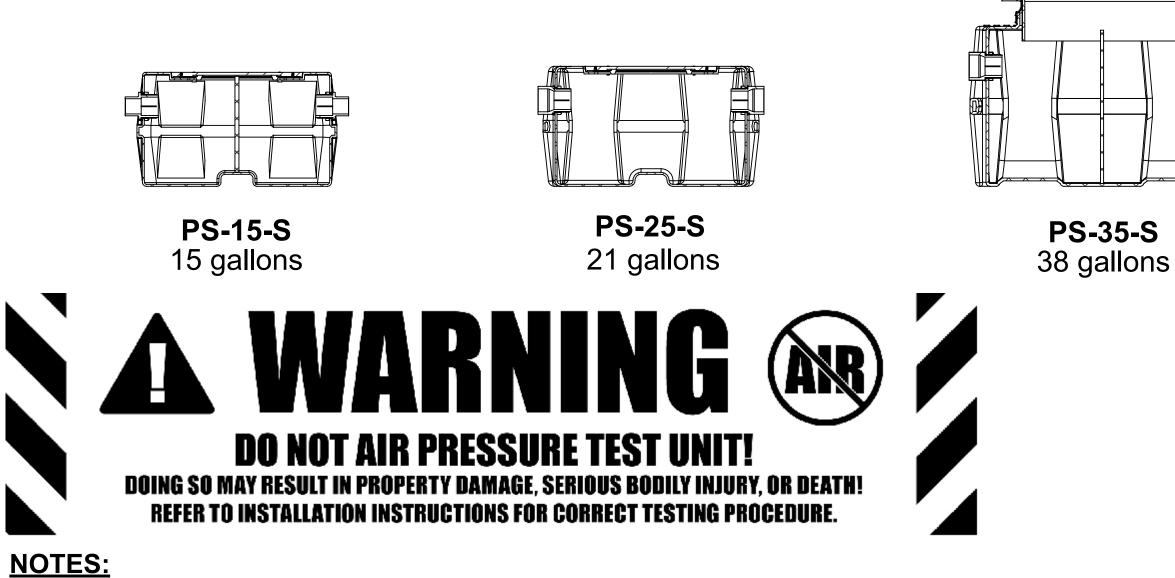
PS-15-B 15 gallons



PS-25-B 21 gallons



PS-35-B 38 gallons



Striem Solids Interceptors are not to be installed in any other manner except as shown. Consult local codes for separate trapping requirements, cleanout locations and additional installation instructions.

PROSPECTOR SERIES SOLIDS INTERCEPTORS

(PS-SERIES)

Lifetime Warranty

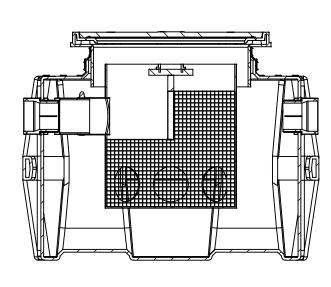
Effective March 2, 2015 Striem represents and warrants that polyethylene products will be free from any and all defects in material and workmanship, including corrosion, during the lifetime of the plumbing system in which the products were originally installed and will, at its option, agree to repair, replace, or supply credit to the original purchaser.

This warranty does not cover damage caused by the products' normal usage, or wear and tear, nor does it cover damage from naturally occurring phenomenon, including, but not limited to, UV, freeze-related damage, or natural disasters. This warranty does not cover the purchaser's cost of routine maintenance including replacement of parts required in routine maintenance.

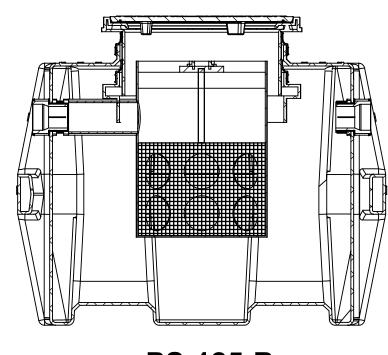
- This warranty does not cover fabricated steel products, or any monitoring equipment. This warranty shall be effective if, and only if, the products: * Were installed in accordance with Striem's notes, specifications and instructions, for installation, operation, and maintenance; * Were installed in conformance with all applicable building and plumbing codes, and passed all applicable testing methods immediately following installation; * Have not been subjected to misuse or abuse, whether negligent or intentional;
- * Were never modified, repaired, or altered by any individual(s) not authorized by Striem.

This warranty is the purchaser's sole and exclusive remedy, and acceptance of this exclusive remedy is a condition of the contract for the purchase of these products. In no event shall Striem be liable for any incidental, special, consequential or punitive damages, or for any costs, attorney fees, expenses, losses or delays claimed to be as a consequence of any damage to, failure of, or defect in any products including, but not limited to, any claims for loss of profits, transportation, removal and installation charges. This warranty is exclusive and in lieu of all other warranties or conditions, written or oral, expressed or implied.

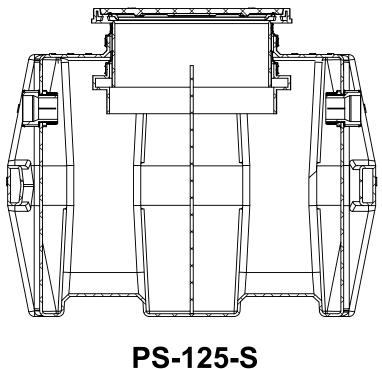




PS-50-B 57 gallons



PS-125-B 110 gallons



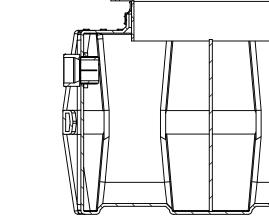
110 gallons

DESCRIPTION:

PS SERIES INSTALLATI AND MAINTENAN

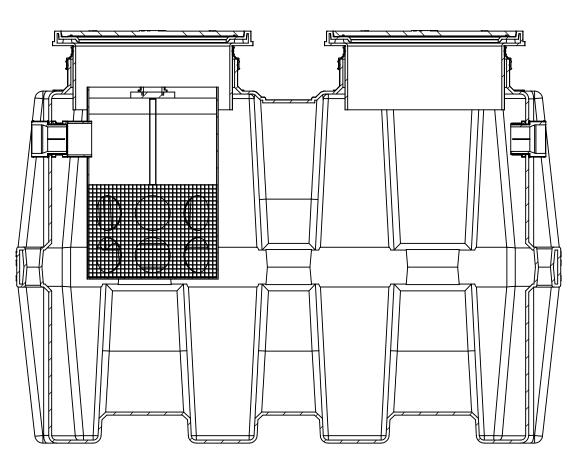
SHEET NUMBER: 1 of 6 **DWG BY:** MJ **DATE:** 09/24/2019

PS-50-S 57 gallons

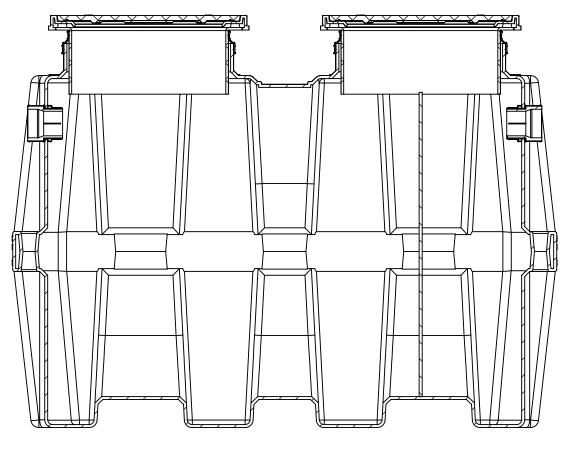




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PS-275-B 250 gallons



PS-275-S 250 gallons

Note:

Units can be ordered with a removable basket or a removable screen, depending on your application. Add "-B" for basket, or "-S" for screen to the end of the model numbers.

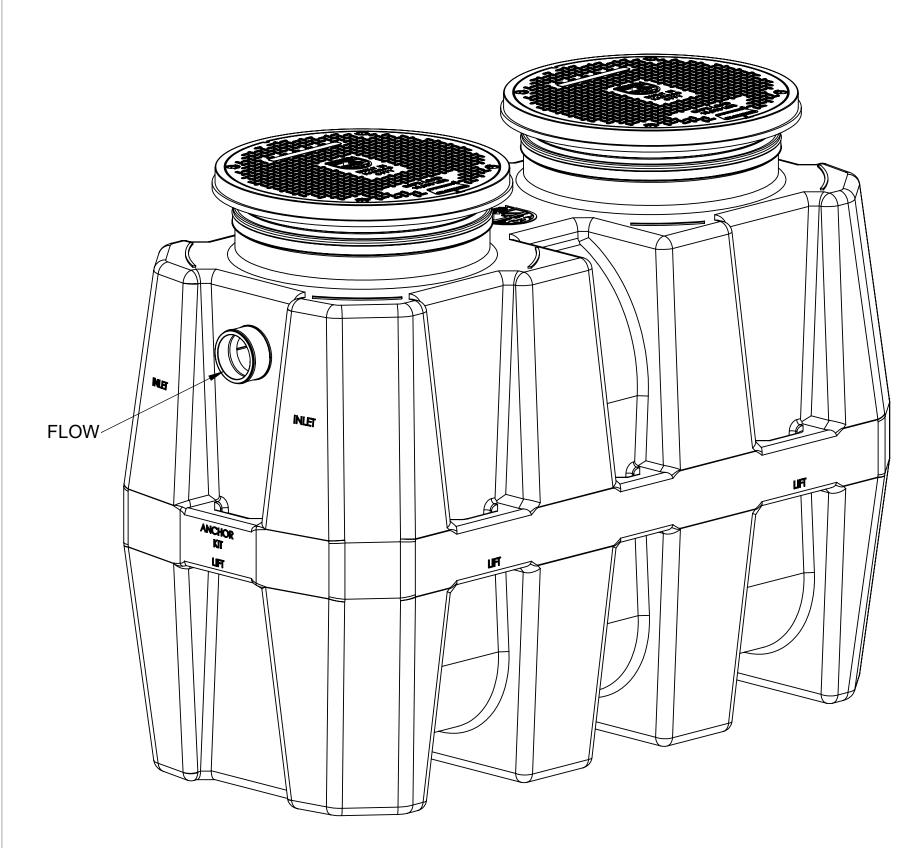
ON,	OPERATION
ICE	GUIDE

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9 REV: ECO:

GENERAL INTERCEPTOR INSTALLATION INSTRUCTIONS (PS-275-B SHOWN)



Isometric View

Set unit on level solid surface as close as possible to fixtures being served. If unit is to be installed below grade refer to below grade installation instructions. (sheet #3)

Inlet

NOTES:

Striem Solids Interceptors are not to be installed in any other manner except as shown. Consult local codes for separate trapping requirements, cleanout locations and additional installation instructions.

OPERATION

MAINTENANCE

PUMPING FREQUENCY:

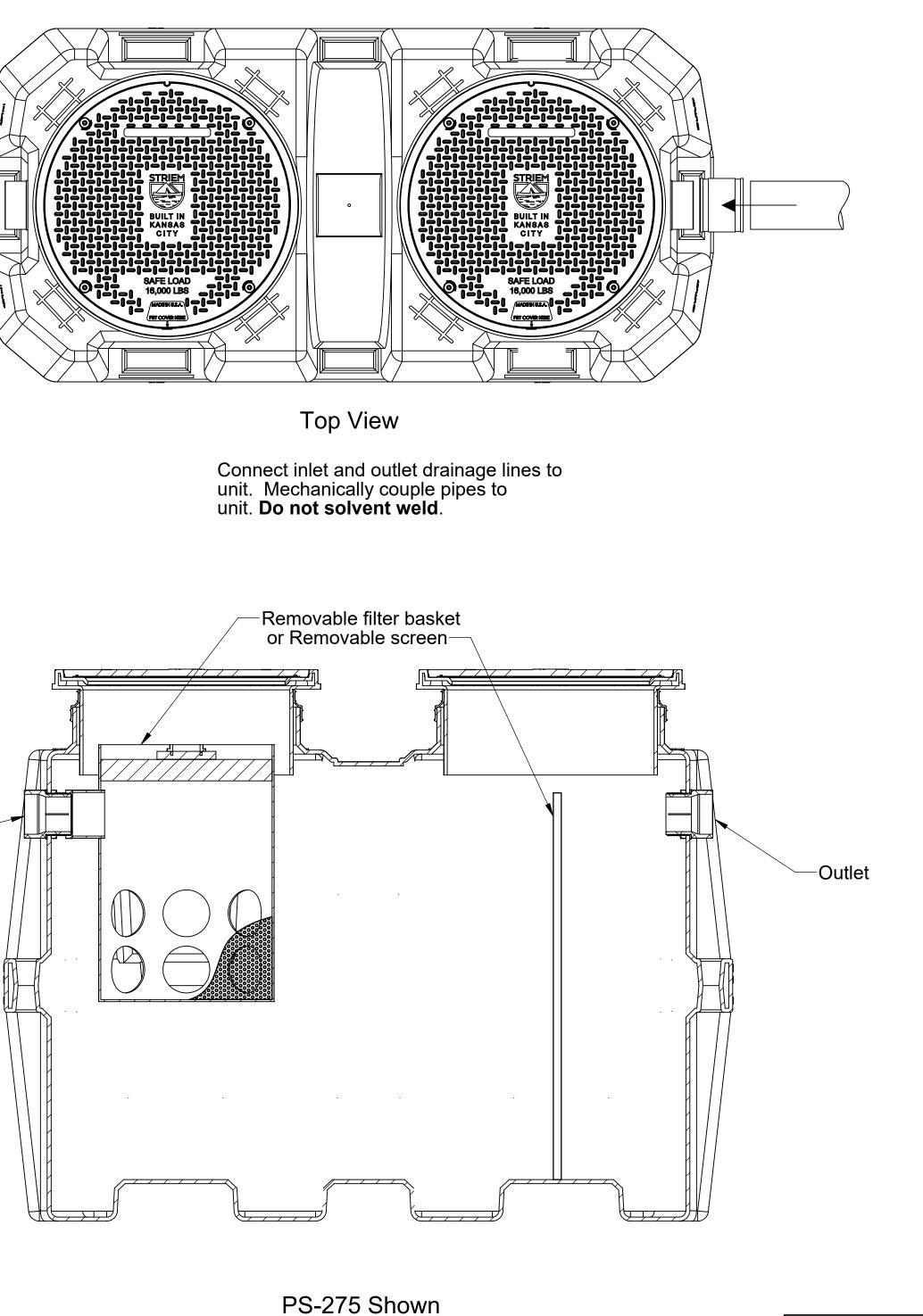
Frequency depends on the capacity of the separator and the amount of debris in the wastewater.

After initial installation, it is recommended that the basket or screen is inspected every 3 to 4 weeks. A proper maintenance schedule can be determined based off inspections.

TROUBLESHOOTING TIPS:

Slower than usual drainage may indicate the need to clean solids interceptor.

Always take proper care to ensure a safe and healthy environment while cleaning interceptor. For best cleaning and maintenance service, call your local sewer and drain contractor.



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SHEET NUMBER: 2 of 6

The prospector Series (PS-Series) solids interceptors are designed to capture heavy and suspended solids from in-line drainage applications before entering the public sewer or private septic system. This is done by means of a removable perforated basket or a removable perforated screen.

1. Remove cover(s).

 Remove basket (for "-B" models) and empty contents into receptacle.
 Remove screen (for "-S" models) and discard any material captured by the screen. Note the placement of filters so they will be properly replaced.
 Clean main body of the interceptor. Make sure to remove water and fine debris that may have accumulated. 5. Replace basket or screen in proper locations.

6. Fill unit with water.

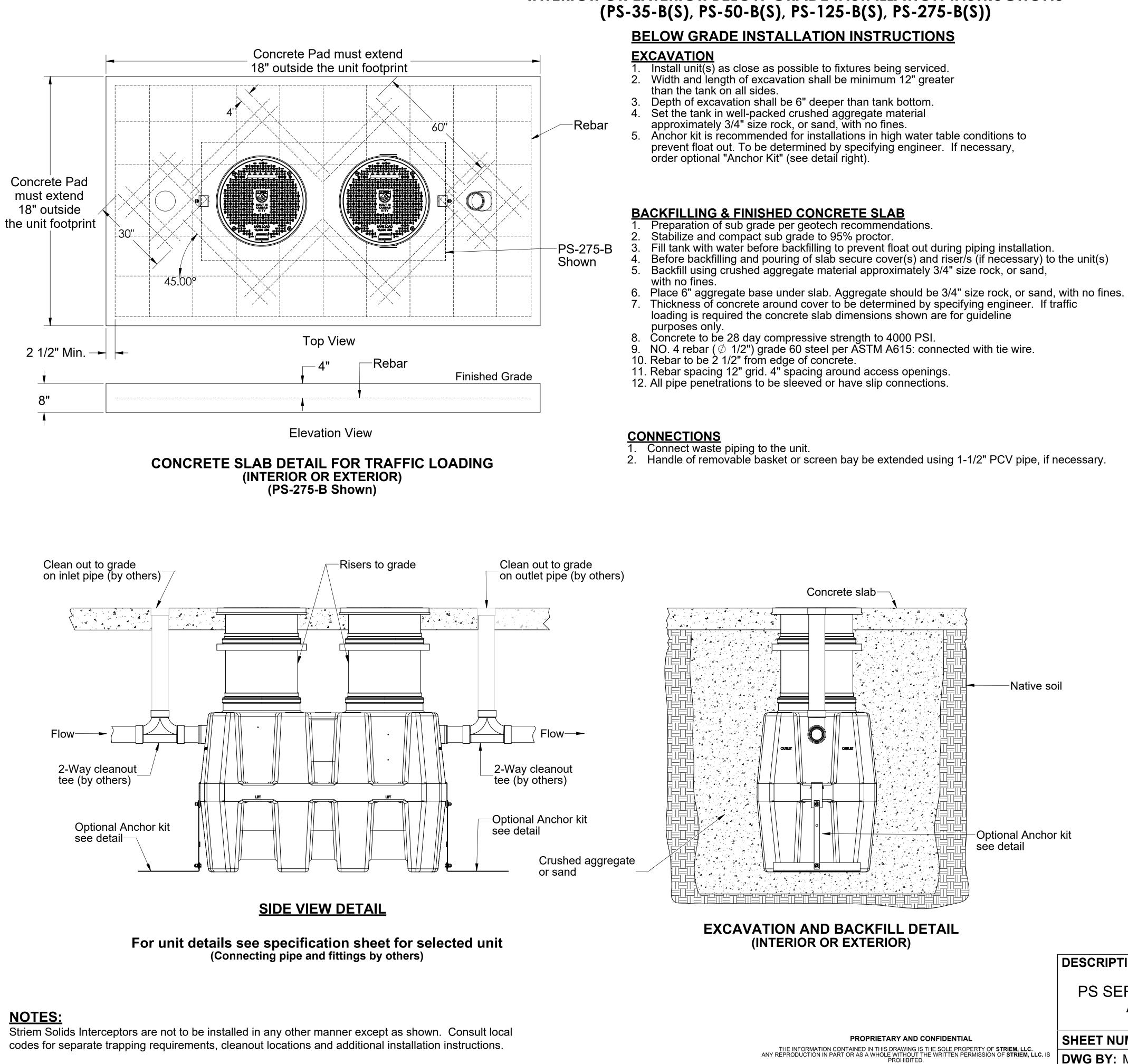
Replace cover(s). Inspect gasket on underside of cover for wear and tear.
 Properly dispose of collected material.

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INTERIOR OR EXTERIOR BELOW GRADE INSTALLATION INSTRUCTIONS

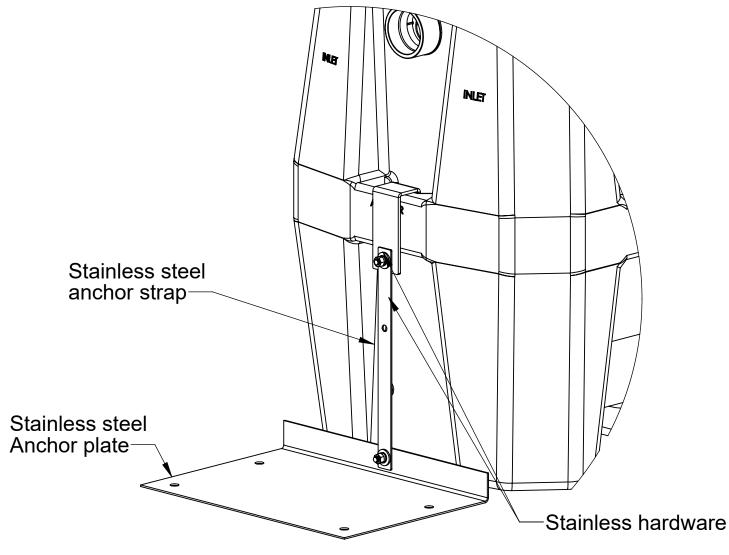
- 2. Handle of removable basket or screen bay be extended using 1-1/2" PCV pipe, if necessary.

DESCRIPTION:

PS SERIES INSTALLATI AND MAINTENAN

SHEET NUMBER: 3 of 6 DWG BY: MJ DATE: 09/24/2019

ANCHOR KIT INSTALLATION DETAIL



Anchor Kit Installation Steps

- 1. Slide "Anchor Strap" over tie down point on end wall and
- bolt together using provided hardware.
- Bolt "Anchor Strap" to "Anchor Plate" using provided hardware
 Hold down force achieved by backfill weight acting on Anchor Plate.
- Anchor Plate may be bolted to concrete slab, if required, by using
- holes provided in Anchor Plate.

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INTERIOR BELOW GRADE INSTALLATION INSTRUCTIONS (PS-15-B(S), PS-25-B(S))

EXCAVATION

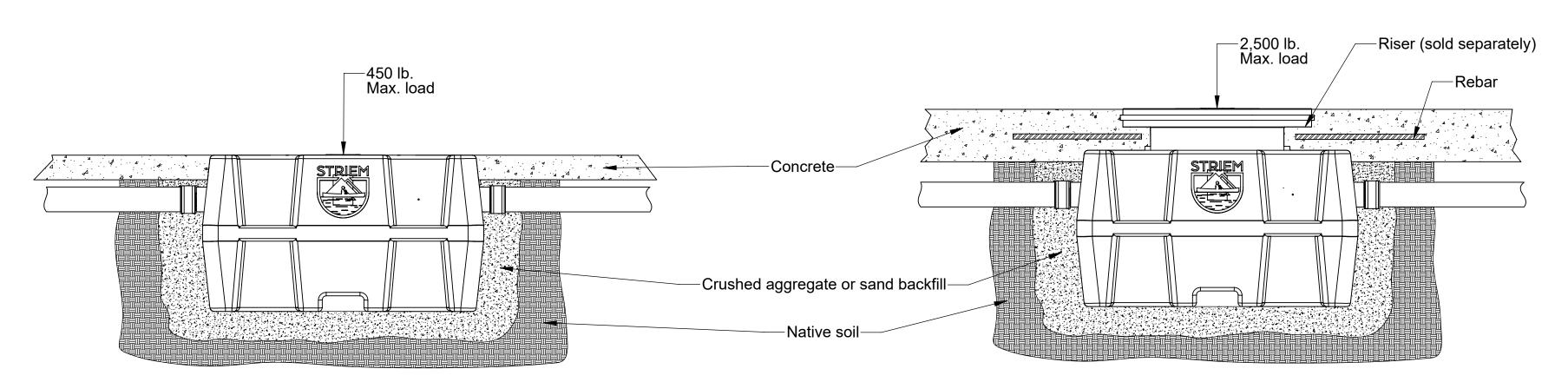
- Install unit(s) as close as possible to fixtures being serviced.
 Width and length of excavation shall be minimum 6" greater than the tank on all sides.

- Depth of excavation shall be 6" deeper than tank bottom.
 Set the tank in well-packed crushed aggregate #7 backfill material approximately 3/4" size rock, or sand, with no fines.

- BACKFILLING & FINISHED CONCRETE SLAB
 Before backfilling and pouring of slab secure cover(s) to the unit(s).
 Backfill using crushed aggregate #7 backfill material approximately 3/4" size rock or sand with no fines.
- 3. Place 6" aggregate base under slab.

CONNECTIONS

1. Connect waste piping to the unit.



PS-25-B Shown

When the jobsite requires burying unit flush with floor without using a riser kit, maximum cover/unit top load rating is 450 lbs.

NOTES:

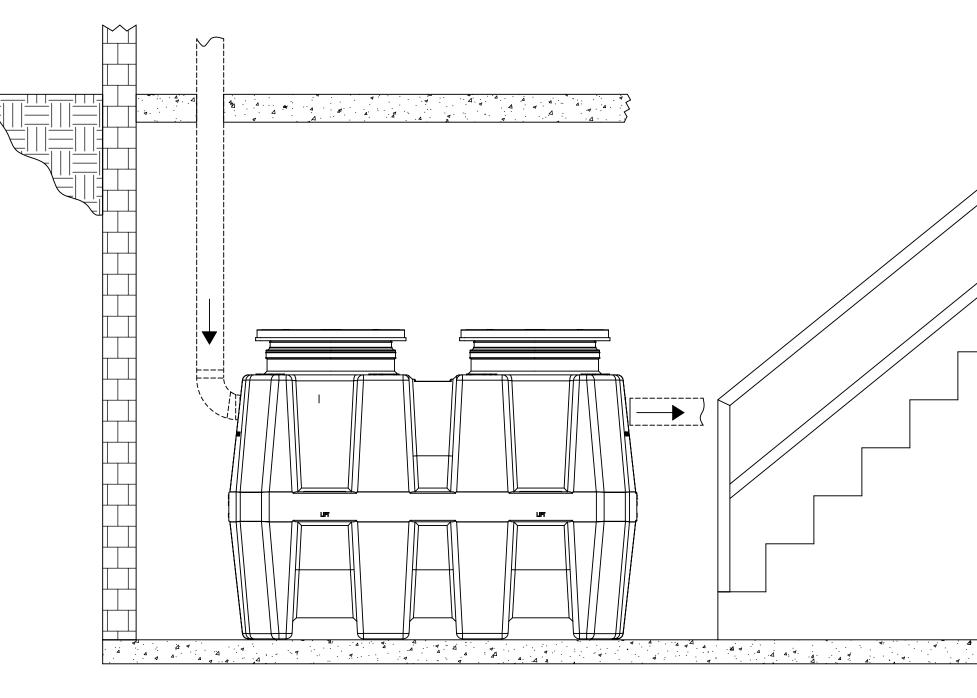
Striem Solids Interceptors are not to be installed in any other manner except as shown. Consult local codes for separate trapping requirements, cleanout locations and additional installation instructions.

INTERIOR ABOVE GRADE INSTALLATION INSTRUCTIONS (PS-SERIES)



PS-25-B Shown with Riser

If concrete slab falls within body of unit, reinforce with rebar, extending 6" beyond footprint of unit to connect main floor slab.



Install unit as close as possible to fixtures being serviced.

<u>CONNECTIONS</u> 1. Connect waste piping to the unit.

DESCRIPTION:

PS SERIES INSTALLAT AND MAINTENAM

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SHEET NUMBER: 4 of 6 **DWG BY:** MJ **DATE:** 09/24/2019

ON-THE-FLOOR DETAIL

(PS-275-B SHOWN)

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REV: ECO:	Made in the U.S.A	

Tools included (with base solids interceptor unit(s))

- 7/16" Nut driver tool/bit • Silver permanent marker

Tools Needed: Tape measure

• Regular or cordless drill with 1/2" chuck

Tools needed if Riser(s) require cutting:

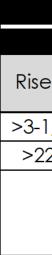
- Jigsaw or Cordless circular saw or
- Reciprocating saw

Riser Assembly Instructions/Steps:

- 1. If unit is to be installed on grade (on-the-floor), there is no need for any adjustments. Unit is ready to be put into service.
- 2. If unit is to be buried: Once unit is set so that the pipe connections line up with jobsite piping, measure total riser height needed from top of cover to finished grade. Make sure you include any future tile work, etc. that may be installed in your finished grade measurements. See figure 1
- 3. Select according riser(s) needed based off Table 1
- 4. If riser(s) is needed, remove cover(s) from adapter and remove adapter from main unit by loosening upper clamp with included nut driver bit (lower band is factory set do not adjust or remove). On the floor near the unit, insert adaptor into first riser until it stops. If needed, insert bottom of first riser into top of second riser until it stops. You may need to tighten upper clamps during this step to keep risers from shifting Adapter and riser(s) should sit level with each other. Removal of cover during this process will ease assembly.
- 5. From the top of the adapter, measure your needed total riser height downward to the sidewall of the riser. Then, add 5" (for PS-35 or PS-50) or 6" (for PS-125, or PS-275) For example, if you have a PS-275 and need a 15-1/2" extension, you would measure down from the top of the adapter 21-1/2" (15-1/2" + 6" = 21-1/2"). See Figure 2.
- 6. Refer to Table 2, Table 3 or Table 3a to determine if, and where, any cuts need to be made. If a cut needs to be made, make a circular line around the sidewall of the riser with the included silver marker at your riser height <u>+dimension from step 5</u>. Using a jigsaw, circular saw or reciprocating saw, cut along your line. Discard/recycle the cutoff scrap.
- 7. Whether the riser needs to be cut or not, make another mark with the silver marker on the sidewall of the riser a distance of <u>4 INCHES</u> (3 INCHES for a OS-35 w/ 4" connections) above the edge just cut. If you did not make a cut (meaning your riser height + dimension from step 5 line was beyond the bottom edge of your riser), still mark the sidewall of the riser 4 INCHES above where your riser height + dimension from step 5 line would have been DO NOT cut this new line. Once the riser is installed into the main unit, this new line will end up at the top of the gasket and will aid in re-assembly. See Figure 3.
- 8. IMPORTANT: Before the next step: 1. Make sure both diffusers are installed inside the main unit at the appropriate locations and check if there needs to be any flow control adjustment on the inlet diffuser. Refer to sheet 2 of the installation instructions for flow control adjustment.
- 9. Refer to sheet 1 of the installation instructions for leak/water testing procedures.
- 10. Take riser(s) and adapters apart to reduce the weight during installation. Wipe all sidewalls and inside of gasket with a damp cloth to remove jobsite dust/debris. Install components into the main unit starting from the lowest (cut) riser and working your way toward the finished floor level. Upper clamps at each gasket need to be loosened or removed to aid in assembly. Once riser(s)/adapter is inserted into gasket, upper clamp can be tightened.
- 11. Verify that the bottom of the lowest riser is protruding at least 2-1/2" but no more than 4" into the main unit from the top of the gasket. Your mark from step 7 should be at the top edge of the gasket on the main unit. If measurements were made correctly, this should happen automatically. See figure 4.
- 12. If tilting of the adapter is required to be flush with finished grade, it must be done AFTER all clamps have been tightened with riser(s)/adaptor in a vertical and level position. Tilting is achieved by using the flexibility of the gasket. If tilting is done before clamps are tightened, a perfect gasket seal may be compromised. Schier recommends tilting only the adapter versus the entire riser assembly to make sure your riser height is maintained.
- 13. Tighten all clamps to a minimum of 5 and a maximum of 8 ft lbs. of torque. Use the same torque as you would tighten a rubber no-hub coupling.
- 14. The adapter must be adjusted <u>upward</u> to achieve certain extension heights. See Table 2, Table 3 or Table 3a.
- 15. If jobsite riser height conditions change after the above steps have been completed, there may still be room for vertical adjustment in both directions. As long as minimum and maximum overlaps are maintained (see Figure 4), the adapter/riser(s) can be adjusted/cut as many times as necessary. Please follow these steps from the beginning to ensure the proper overlaps are maintained.

Call Striem with questions or suggestions @ 1-913-222-1500 Customer Service Hours: 8 AM-5 PM CST

Finished floor-



NOTES:

Striem Solids Interceptors are not to be installed in any other manner except as shown. Consult local codes for separate trapping requirements, cleanout locations and additional installation instructions.

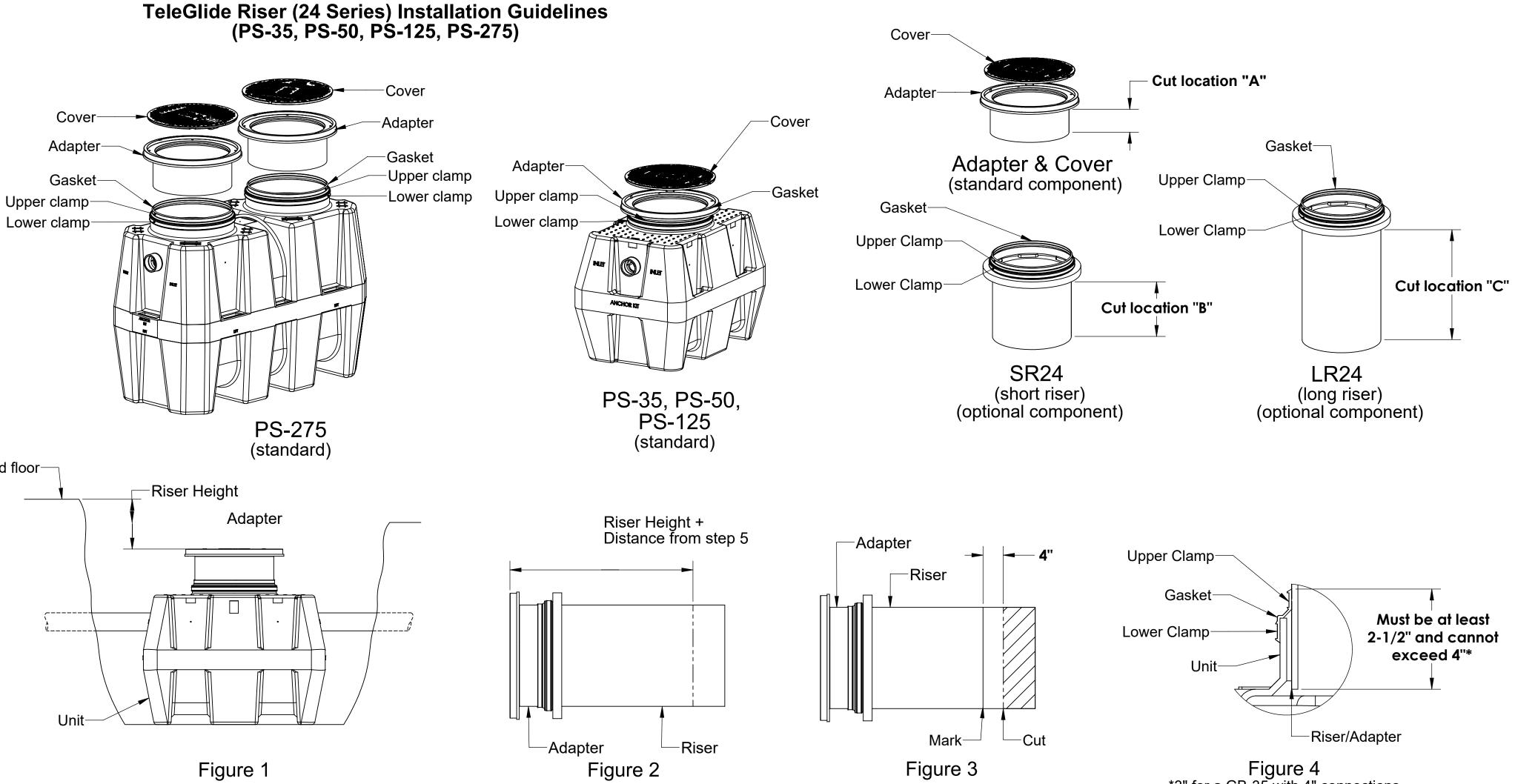


Table 1											
TeleGlide Riser Order Guide											
PS-35 &	PS-50		PS-35 w/ 4" (Connec	ctions	PS	-125		PS-	275	
er Height	Riser	Qty.	Riser Height	Riser	Qty.	Riser	Riser	Qty.	Riser Height	Riser Qty.	
	SR24	LR24	Kisel Height	SR24	LR24	Height	SR24	LR24	Kisel Height	SR24	LR24
-1/2" to 22"	1	0	>2-1/2" to 21'	1	0	>6" to 24"	1	0	>6" to 24"	2	0
22" to 37"	0	1	>21" to 36"	0	1	>24" to 39"	0	1	>24" to 39"	0	2
Note: Available range of			nge of	>39" to 43"	2	0	>39" to 43"	4	0		
			adapter only is 2-1/2".		>43" to 58"	1	1	>43" to 58"	2	2	
						>58" to 72"	0	2	>58" to 72"	0	4
Table 3 (for PS-35 and PS-50)					(f <u>o</u>	Table r PS-35 w/ 4" (ctions)			

		5 and PS-50)		(fo		4" Connectic	ons)
Riser Height Needed	Riser P/N Needed	Riser Qty. Needed	Cut Location(s) (See figures above)	Riser Height Needed	Riser P/N Needed	Riser Qty. Needed	Cut Location(s) (See figures above)
0" to 3-1/2"	None	0	None	0" to 2-1/2"	None	0	None
>3-1/2" to 6-1/2"	SR24	1	a,b	>2-1/2" to 5-1/2"	SR24	1	a,b
>6-1/2" to 17"	SR24	1	b	>5-1/2" to 16"	SR24]	b
>17" to 22"	SR24	1	None ⁵	>16" to 21"	SR24	1	None ⁷
>22" to 32"	LR24	1	С	>21" to 31"	LR24]	С
>32" to 37"	LR24	1	None ⁶	>31" to 36"	LR24	1	None ⁸
 Adjust <u>adapter</u> upwards to reach 20" to 22" Adjust <u>adapter</u> upwards to reach 35" to 37" 			7. Adjust <u>adapter</u> 8. Adjust <u>adapter</u>	upwards to upwards to	reach 19" to 2 reach 34" to 3	21" 36"	

DESCRIPTION:

PS SERIES INSTALLATI AND MAINTENAN

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SHEET NUMBER: 5 of 6

*3" for a GB-35 with 4" connections

Table 2								
	(for PS-125 and PS-275)							
Riser Height Needed	Riser P/N	Riser Qty. Nee	Cut					
Risel Height Needed	Needed	PS-125	PS-275	Location(s)				
0" to 6"	None	0 *	0	None				
>6" to 8-1/4"	SR24	1	2	a,b				
>8-1/4" to 19-3/4"	SR24	1	2	b				
>19-3/4" to 24"	SR24	1	2	None ¹				
>24" to 35"	LR24	1	2	С				
>35" to 39"	LR24	1	2	None ²				
>39" to 43"	SR24	2	4	b				
>43" to 51-1/2"	SR24	1	2	0				
243 10 51-1/2	LR24	1	2	С				
> 51 1/0" to 50"	SR24	1	2	$\lambda = 3$				
>51-1/2" to 58"	LR24	1	2	None ³				
>58" to 66-1/2"	LR24	2	4	С				
>66-1/2" to 72"	LR24	2	4	None ⁴				

1. Adjust <u>adapter</u> upwards to reach 22" to 24" 2. Adjust adapter upwards to reach 37" to 39"

3. Adjust adapter upwards to reach 56" to 58"

4. Adjust adapter upwards to reach 70" to 72"

* For model PS-125-B with 6" connections, the adapter will need to be trimmed if the riser height needed is between 0" - 2".

ON,	OPERATION
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Tools included (with riser kit)

Silver permanent marker

Tools Needed:

- Tape measure Phillips head screwdriver •
- Jigsaw or ٠
- Cordless circular saw or ٠
- Reciprocating saw

Riser Assembly Instructions/Steps:

- If unit is to be buried, you will need a riser kit (sold separately). The 16 Series TeleGlide Riser System for these models allows riser heights from 2-1/8" above standard unit up to 16". Only ONE riser may be used per base unit to allow sufficient access to internal serviecable components. See Figure 5.
 If more than 16" of riser height is needed, you will need to adjust jobsite requirements OR purchase the next available model with a 24 Series TeleGlide Riser System which allows taller riser heights.
 Once unit is set so that pipe connections line up with jobsite piping, remove cover from unit. Fasten yellow gasketed ring to unit with hardware provided in separate riser kit. Ring flange with 4 bolt notches faces down against the unit. See Figure 1.
 Push riser into ring until it stops (about 1 inch). See Figure 2.
 Measure the distance from the top edge of the riser down to the finished floor. Make sure to account for any future tile work in your measurment. See Figure 2

- in your measurment. See Figure 2.
- Remove riser from ring. Take measurement from step 5 from the BOTTOM of the riser upwards towards the top of the riser. Mark a line around the riser, and cut with handsaw, jig saw, or reciprocating saw. Remove debris from cut edge with scraper, utility knife, or gloves. See Figure 3.
- Place cut riser back into ring on unit until it stops. Fasten cover from unit into riser with the same 4 bolts from the unit. Unit is ready to be water tested and backfilled. Install finished floor. See Figure 4. 7.

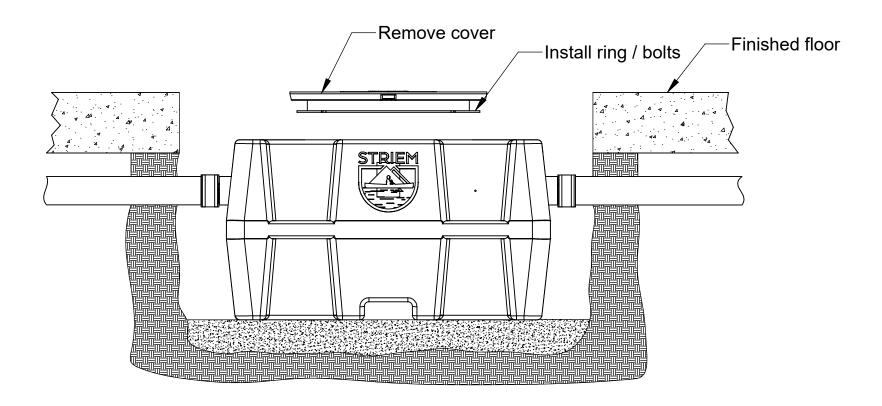


Figure 1

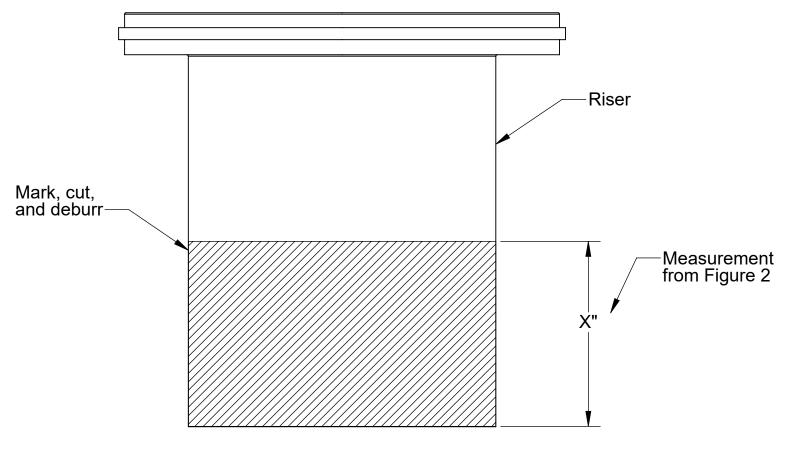
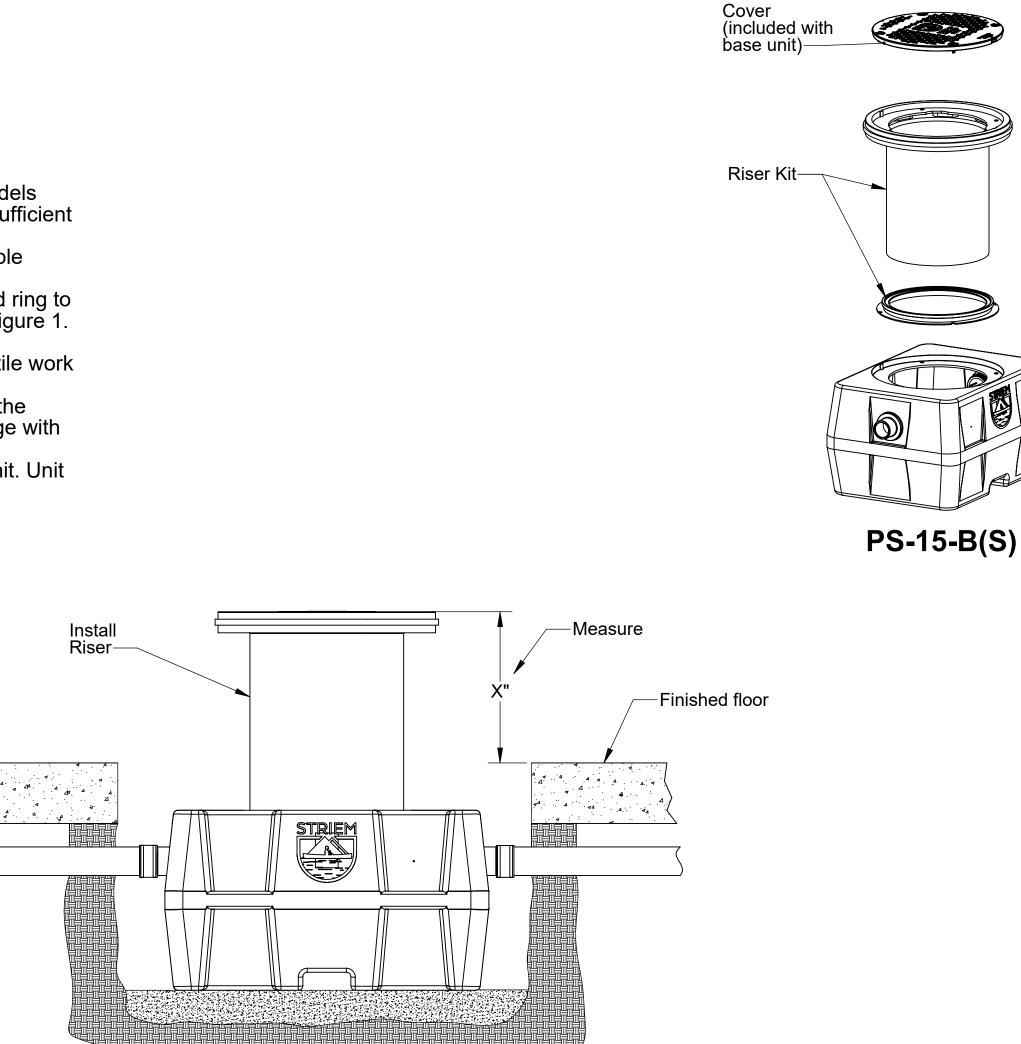


Figure 3

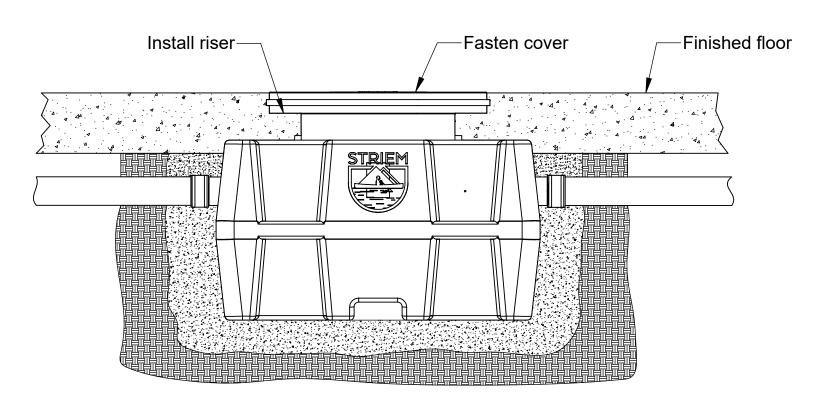
NOTES:

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TeleGlide Riser (16 Series) Installation Guidelines (PS-15-B(S), PS-25-B(S))







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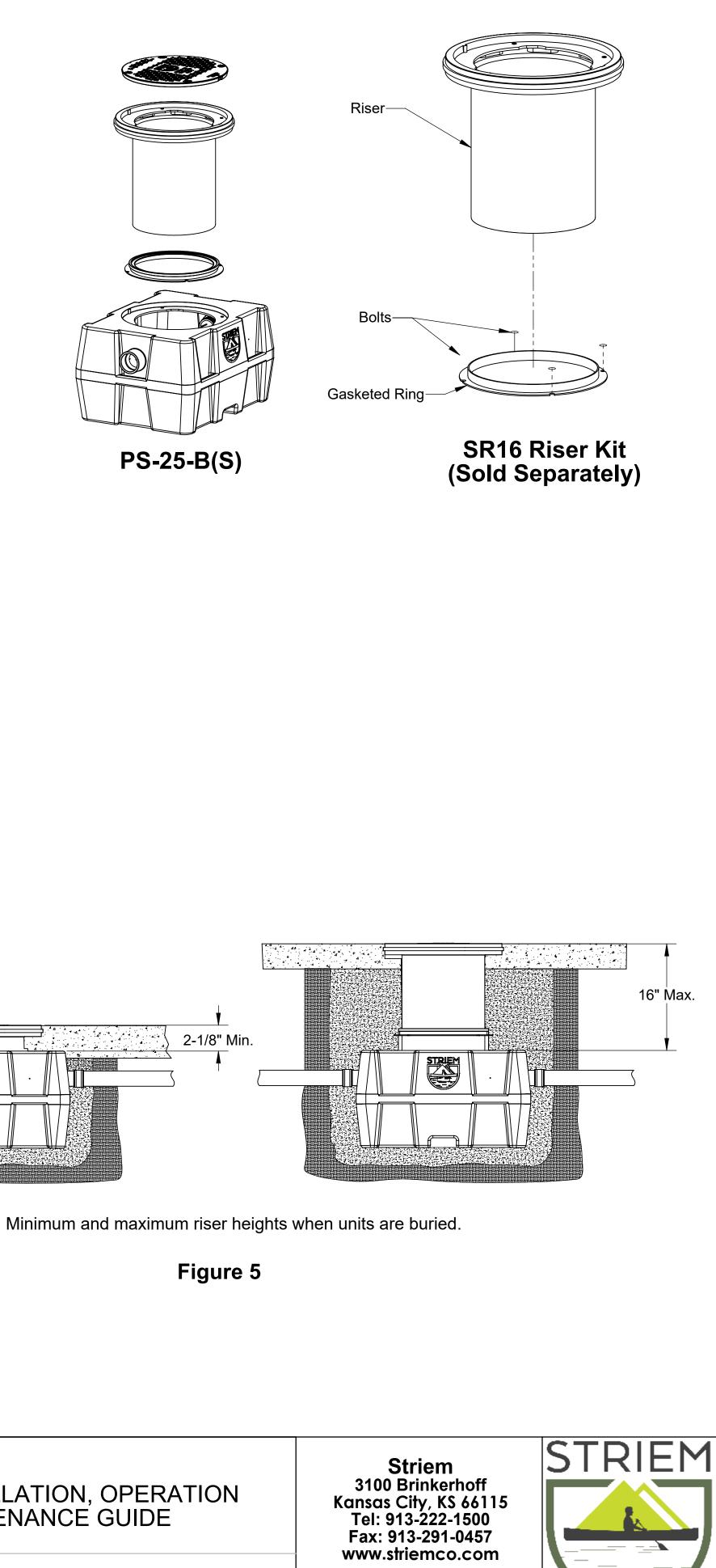


DESCRIPTION:

PS SERIES INSTALLATION, OPERATION AND MAINTENANCE GUIDE

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