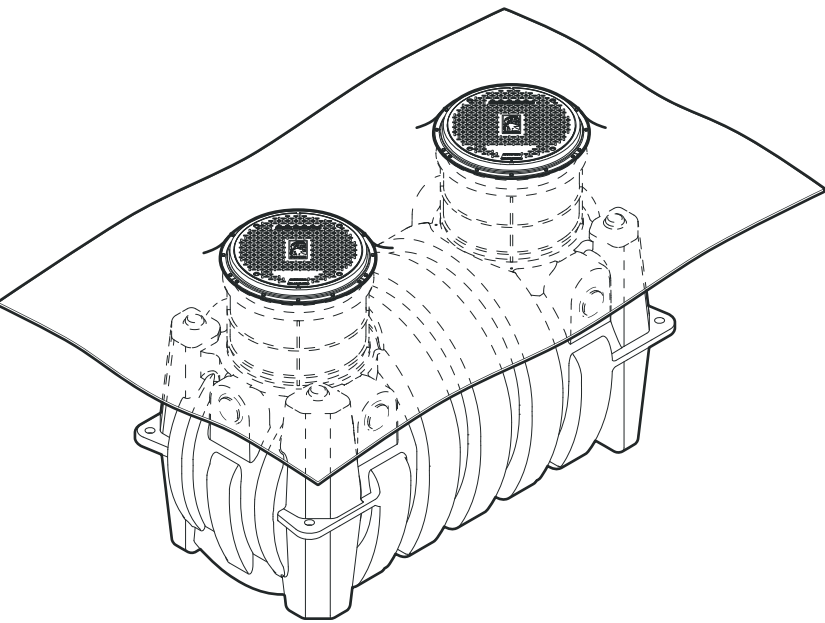


# SPECIFICATION AND INSTALLATION GUIDE

CC2

Membrane Clamping Collar Kit for use with Grease Interceptors Models GB-50, GB-75, GB-250, GB-500, GGI-750, GB-1000 and GB-1500



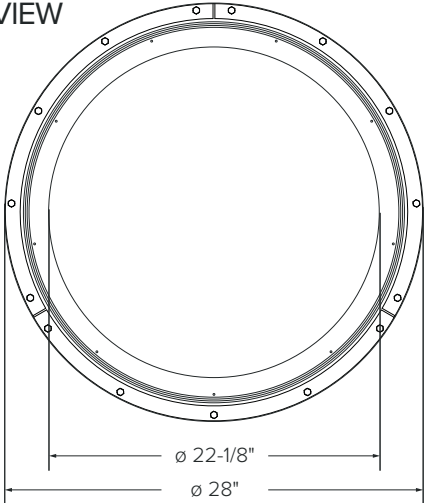
## Installation Notes

Only required for recessed and suspended grease interceptor installations when using a flexible membrane for sealing floor penetrations.

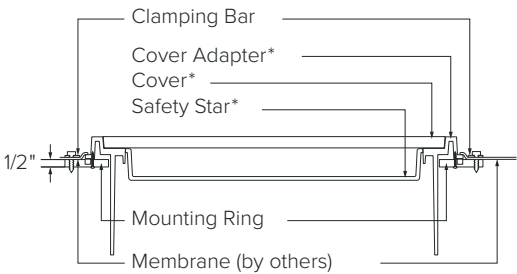
## Contents

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TOP VIEW



SIDE VIEW (CROSS SECTION)



\* not included with this kit

## Notes

Unit weight: 8 lbs.

## Engineer Specification Guide:

Membrane Clamping Collar Kit model CC2 to consist of polyethylene mounting ring, 10 ga. stainless steel clamping bars and stainless steel fasteners.



SCHIER

MODEL NUMBER:  
CC2

PART #: 8030-004-01

DESCRIPTION: Membrane Clamping Collar Kit for Recessed and Suspended Installations

DATE: 01/01/2023

REV:

ECO:



# SPECIAL PRECAUTIONS

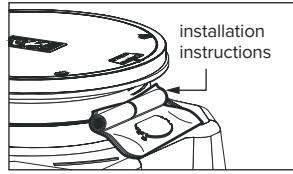
For Schier Grease Interceptor Installations - Failure to follow this guidance voids your warranty

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

**CAUTION!** Do not install this unit in any manner except as tested and rated.

## Installation Instructions

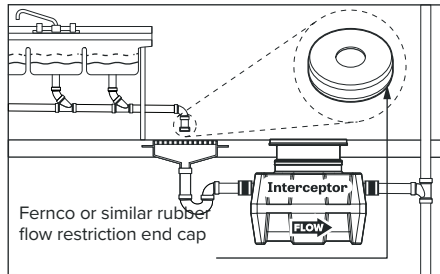
Installation instructions and additional components are included with the interceptor. Read all instructions prior to installation. This interceptor is intended to be installed by a licensed plumber in conformance with all local codes.



## When Installing Interceptor Inside

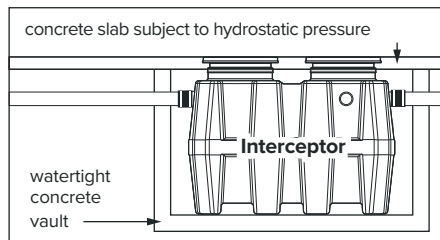
If your dishwashing sink(s) discharges into a floor drain/sink (drain), you must regulate the flow into the drain to avoid an overflow of water onto the kitchen floor. This can be done by installing a valve or flow restriction cap on the sink piping that discharges into the drain. See drawing for guidance. For detailed guidance on indirect connections, go to:

[webtools.schierproducts.com/Technical\\_Data/Indirect\\_Connections.pdf](http://webtools.schierproducts.com/Technical_Data/Indirect_Connections.pdf)



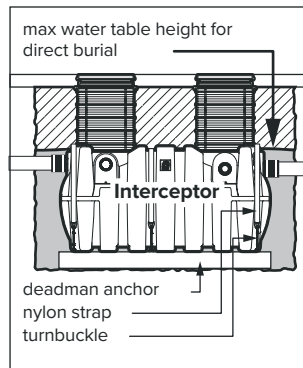
## Hydrostatic Slabs (or Pressure Slabs)

When installed under a hydrostatic slab (slab designed to withstand upward lift, usually caused by hydrostatic pressure) interceptor must be enclosed in a watertight concrete vault.



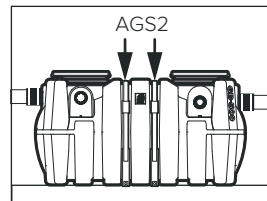
## High Water Table Installations

Interceptors and risers are not designed to withstand water table height in excess of the top of the unit when buried (see figure). If it is possible for this to occur, install the interceptor and risers in a water-tight concrete vault or backfill with concrete or flowable fill (wet concrete and flowable backfill should be poured in stages to avoid crushing the interceptor). At risk areas include but are not limited to tidal surge areas, floodplains and areas that receive storm water. Great Basin™ models that are direct buried in high water table scenarios must be installed with an anchor kit. Models GB-50, GB-75, and GB-250 use model AK1 anchor kit. Model GB-500 uses model AK2 anchor kit for use with deadmen anchors.



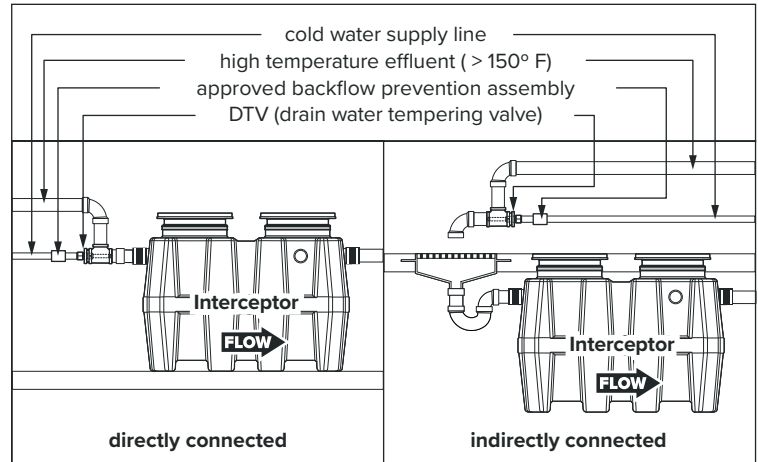
## Above Grade Installation Support (for Model GB-500 Only)

The wet weight of the interceptor combined with high temperature kitchen water creates the potential for tank deformation when installed above grade. Model GB-500 installed above grade must be installed with Above Grade Support Kit model AGS2 to maintain structural integrity



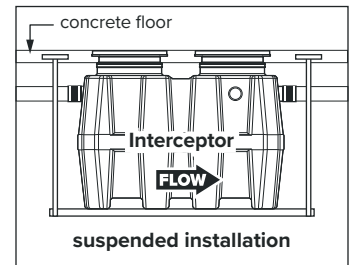
## High Temperature Kitchen Water

If water is entering the interceptor at excessive temperature (over 150° F), a drain water tempering valve (DTV) and approved backflow prevention assembly must be installed. Most state and local plumbing codes prohibit water above 150° F being discharged into the sanitary sewer. Water above 150° F will weaken or deform PVC Schedule 40 pipe, poly drainage fixtures like interceptors and erode the coating of cast iron (leading to eventual failure).



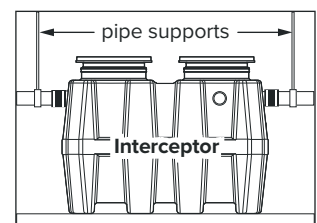
## Fully Support Base of Unit

Install unit on solid, level surface in contact with the entire footprint of unit base; for suspended installations design trapeze to support the wet weight of the unit. Do not partially support unit or suspend unit using metal U-channel to create a trapeze

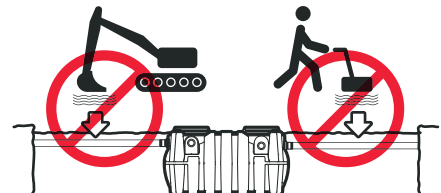


## Support Inlet and Outlet Piping

For above grade installations ensure heavy inlet and outlet piping (such as cast iron or long runs) is properly supported or suspended during the entire installation process to prevent connection failure or damage to bulkhead fittings.



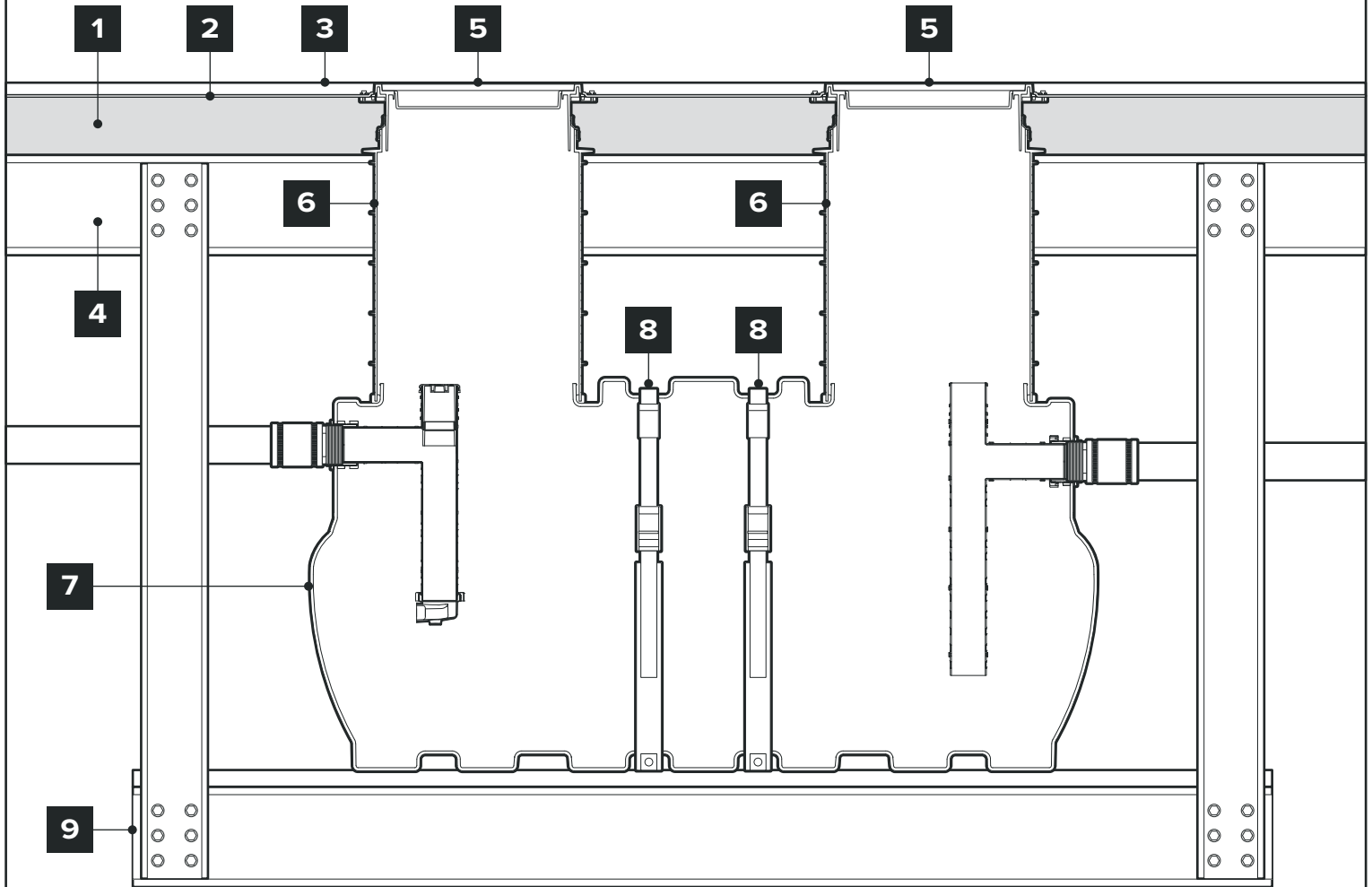
**DO NOT COMPACT BACKFILL**



# INSTALLATION DETAIL

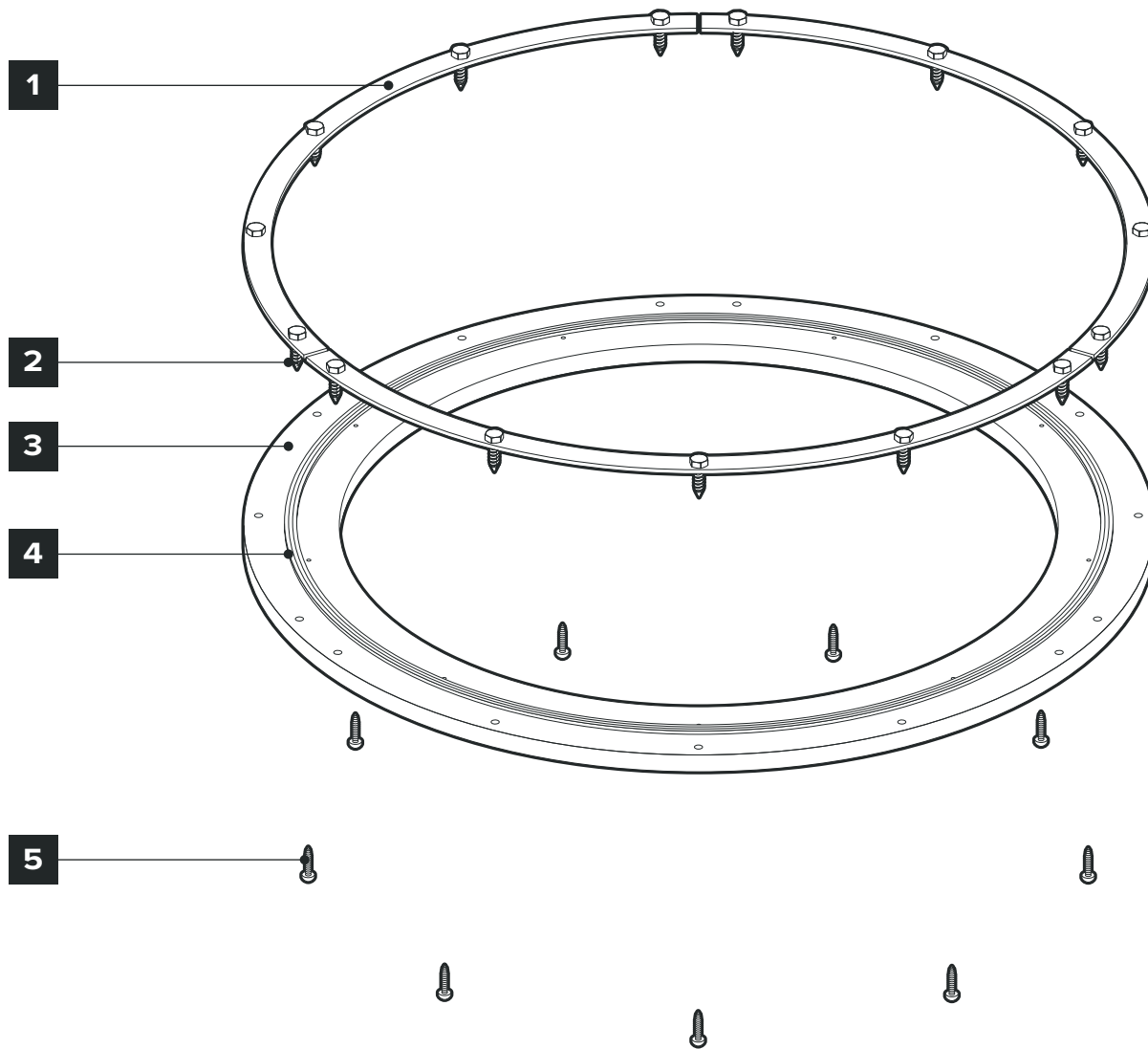
GB-500 RECESSED AND SUSPENDED WITH AGS2 ABOVE GRADE SUPPORT KIT,  
(2) FCR2 RISERS AND (2) CC2 MEMBRANE CLAMPING COLLARS

**! IMPORTANT!** This drawing is for illustration/reference purposes only and is not a specification. Consult a structural/architectural engineer for proper trapeze and flooring design and construction.



1. 8" Thick Reinforced Concrete Floor
2. Flexible Waterproofing Membrane Material
3. Finished Floor to Grade
4. Additional/Existing Floor Support Structure (Steel/Concrete)
5. Cover Adapter Assembly with CC2 Membrane Clamping Collar
6. FCR2 Riser Extension
7. GB-500 Grease Interceptor
8. AGS2 Above Grade Support Kit
9. Trapeze designed to support the maximum wet weight of the GB-500 interceptor and additional components (8,500 lbs. x safety factor of 2 = 19,000 lbs.). Trapeze floor must be solid, level and contact the entire footprint of the unit (including AGS2 Support Footings).

# GETTING TO KNOW THE CC2



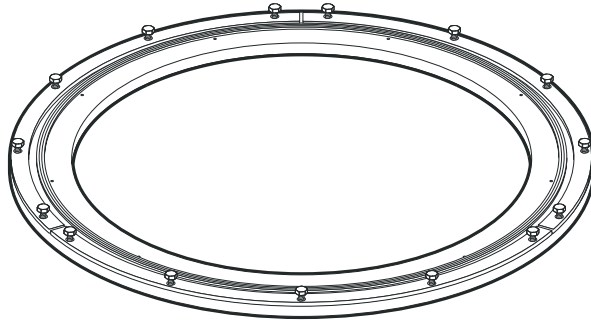
1. 10 ga. Stainless Steel Clamping Bars (x3)
2. 1/4" x 1" Hex Head Stainless Steel Lag Screws (x15)
3. Polyethylene Clamping Collar Mounting Ring
4. 3/8" Mounting Ring Gasket
5. #8 x 1" Phillips Stainless Steel Screws (x9)

# INSTALLATION

## 1 Attach Clamping Collar to Cover Adapter

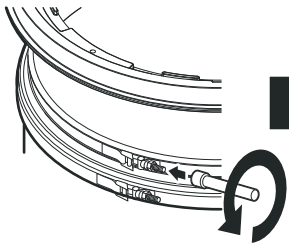
1a

**NOTE:** Clamping Bars come loosely assembled with Lag Screws. Do not remove until later to make installation easier.



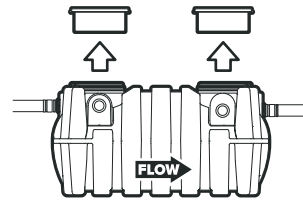
1a

Loosen the Cover Adapter Upper Band Clamp using 7/16" Nut Driver Bit.



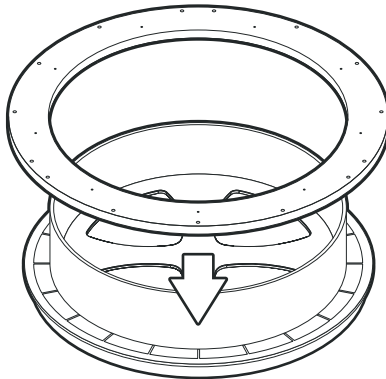
1b

Remove Cover Adapter



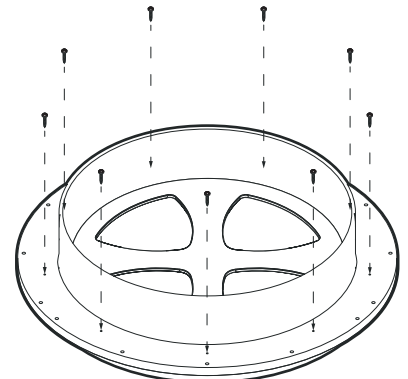
1c

Turn Cover Adapter upside down and place Mounting Ring as shown, gasket side down.



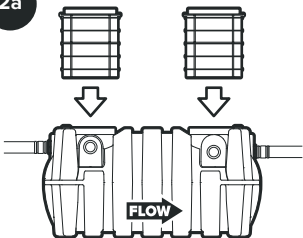
1d

Fasten Mounting Ring to Cover Adapter using (9) Phillips Screws. Make sure to use the inner ring of smaller pre-drilled holes.

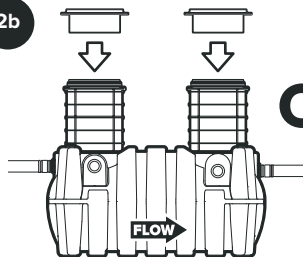


## 2 Install Risers (Typical) and Replace Cover Adapter

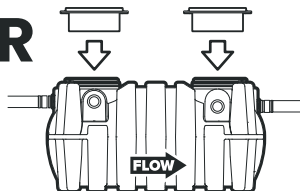
2a



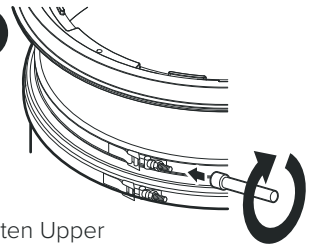
2b



OR



2c



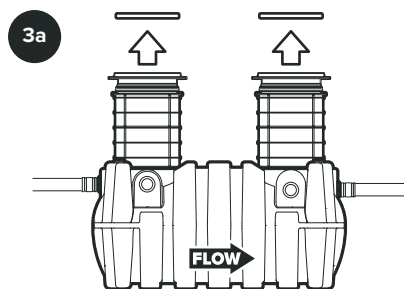
Tighten Upper Band Clamp to 5 -8 ft. lbs. of torque using 7/16" Nut Driver Bit.

Install risers if required (see instructions included with FCR2).

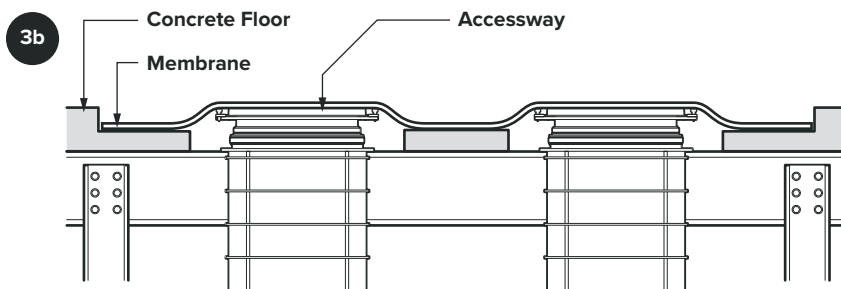
Place Cover Adapter onto top of riser system, or back onto neck of interceptor.

# INSTALLATION

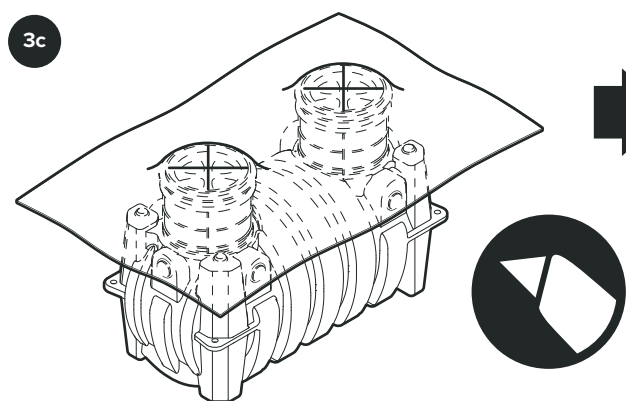
## 3 Prepare Membrane



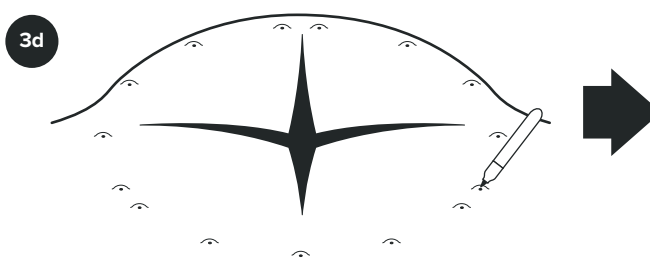
Remove Cover(s)



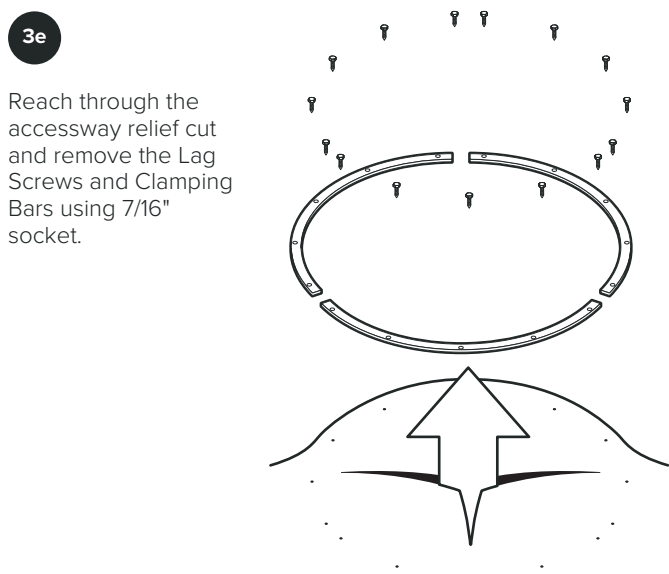
Lay membrane over the accessway(s)/riser(s)



Cut a relief "+" pattern in the membrane directly over the opening of the accessway(s).



Locate the Lag Screws by feel and mark their positions onto the membrane using a marker or pencil.



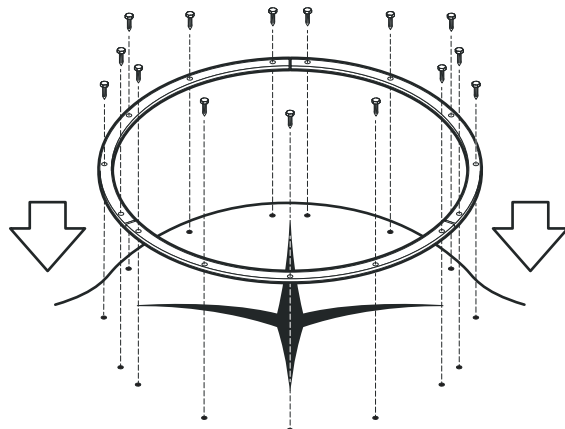
Reach through the accessway relief cut and remove the Lag Screws and Clamping Bars using 7/16" socket.



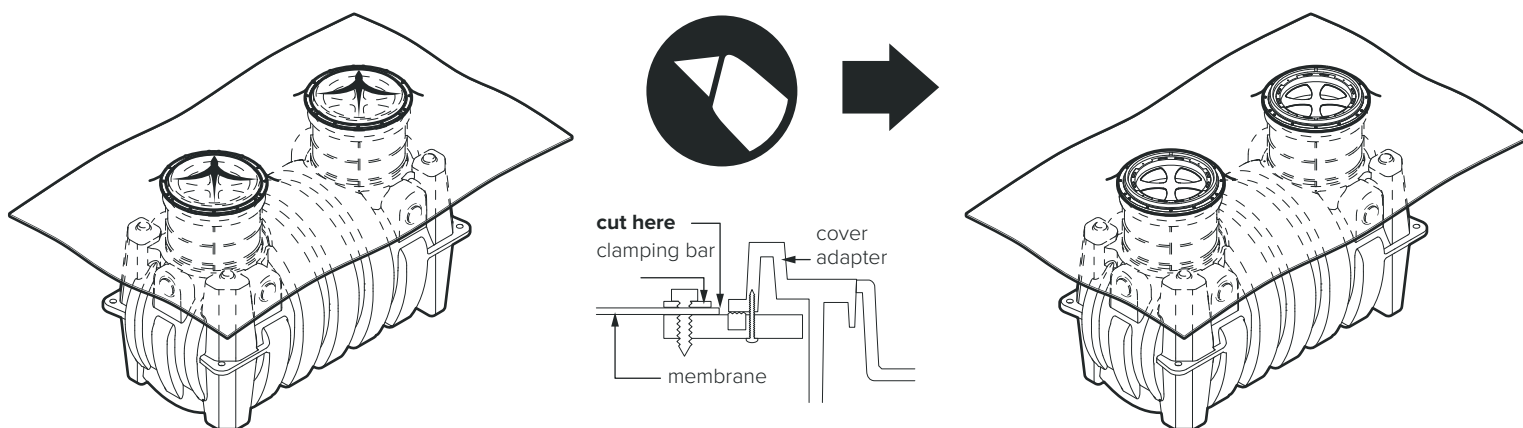
Drill (or cut) holes in the membrane for the Lag Screws. Take care not to drill out the threaded holes for the Lag Screws in the Mounting Ring.

## 4 Fasten Clamping Bars

Fasten the (3) Clamping Bars to Mounting Ring using (15) 1/4" Lag Screws.

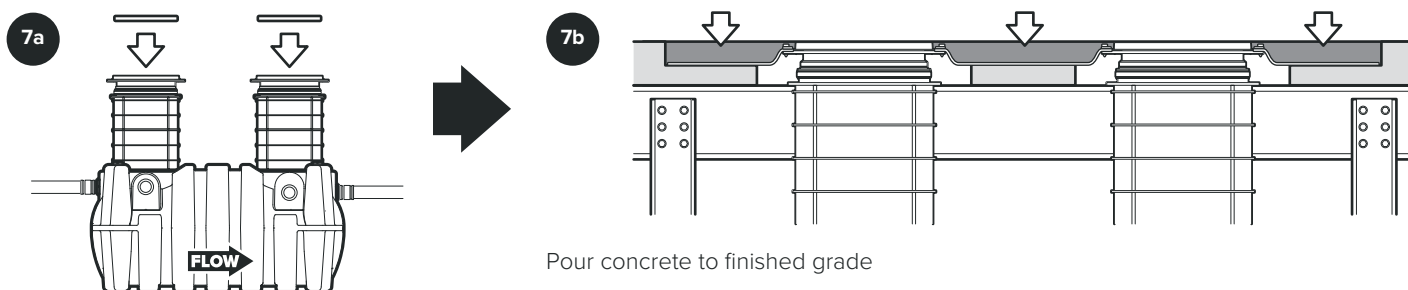


## 6 Remove Membrane from Accessway(s)



Cut and remove membrane from the accessway(s)

## 7 Replace Covers and Finished Grade



Replace Cover(s)