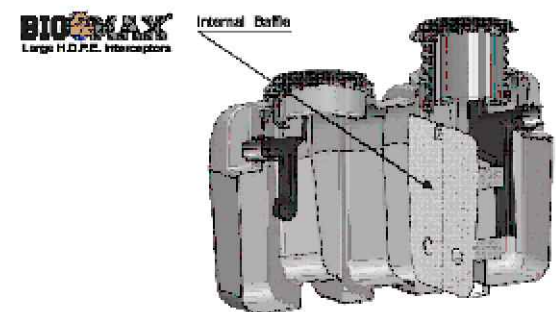


MIFAB® BIG MAX® EXTENSIONS AND INTERNAL RAFFLE

BIG MAX® GREASE INTERCEPTORS WITH INTERNAL RAFFLE

Some authorities and jurisdictions require the use of an internal baffle within the grease interceptor. MIFAB® offers the option (Part # 180) for the BIG-700 and BIG-1150 grease interceptors. The internal baffle is designed to prevent the float valve from being pushed up and needs to be installed inside.



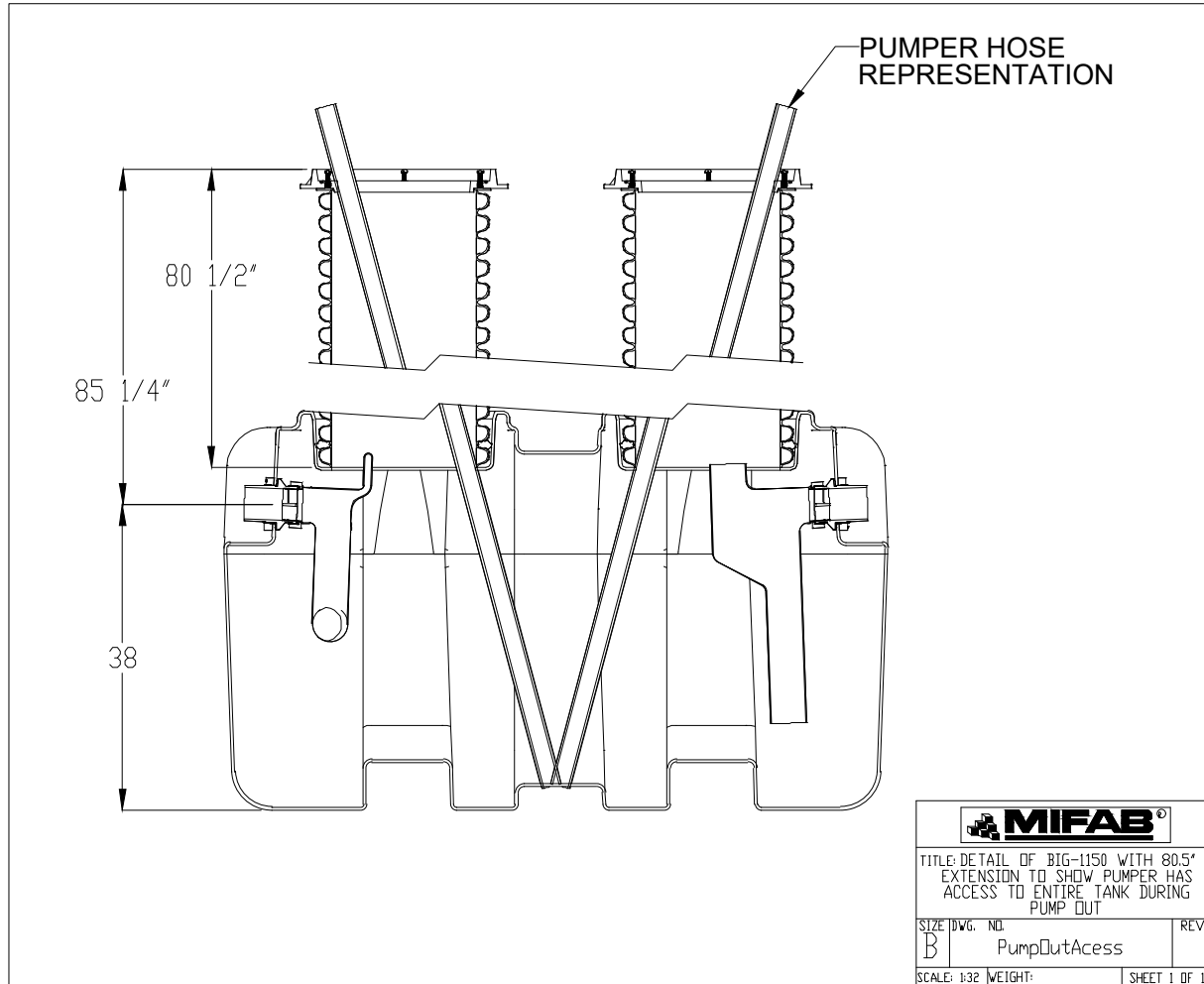
BIG-1150-B - with internal baffle

Extensions (collars) are typically required when the interceptor is located into deep areas and the lid is located to meet the waste piping from the fixture. In fact, in some, the lid needs to be "extended" up to the ground or grade level. With MIFAB's patented extension system, every 18" edge with an "18" x 18" x 18" plate of ADS corrugated pipe which provides this inside with up to a 24" x 12" x 12" diameter. If a greater "C" dimension is required, the extension can be purchased in sections from MIFAB® or to have a length of ADS pipe from their local representative in order to complete the installation immediately. This also means that the cost of the MIFAB® extension collar is not added to the cost of the interceptor. The extension collar is made of ADS pipe and is designed to be installed in the same manner as the interceptor. The extension collar is made of ADS pipe and is designed to be installed in the same manner as the interceptor. The extension collar is made of ADS pipe and is designed to be installed in the same manner as the interceptor.



BIG-1150-B installed with the extension

CALIFORNIA PLUMBING CODE REQUIREMENTS: This product is a grease interceptor and is subject to the same requirements as other grease interceptors. Design and dimensions are subject to change. Please refer to the latest edition of the California Plumbing Code. MIFAB®, Inc. 1321 West 115th Street, Chicago, Illinois 60643-1000, USA. MIFAB® is a registered trademark of MIFAB, Inc. and is used herein under license. Copyright © 2000 MIFAB, Inc. All rights reserved. MIFAB, Inc. 1321 West 115th Street, Chicago, Illinois 60643-1000, USA. MIFAB® is a registered trademark of MIFAB, Inc. and is used herein under license. Copyright © 2000 MIFAB, Inc. All rights reserved. MIFAB, Inc. 1321 West 115th Street, Chicago, Illinois 60643-1000, USA. MIFAB® is a registered trademark of MIFAB, Inc. and is used herein under license. Copyright © 2000 MIFAB, Inc. All rights reserved.



MIFAB®

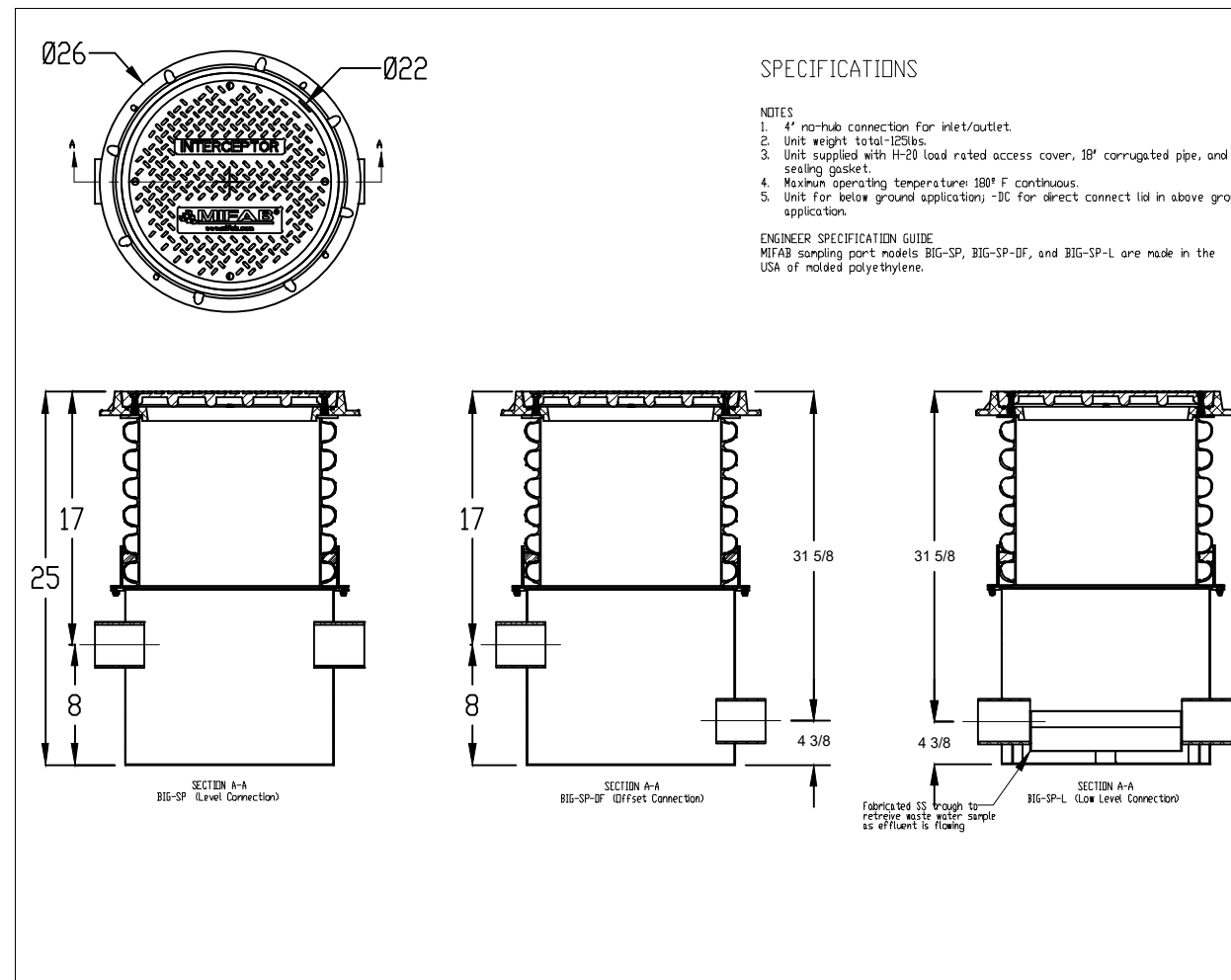
TITLE: DETAIL OF BIG-1150 WITH 80\"/>

SIZE: DWG. NO. B

SCALE: 1/32\"/>

WEIGHT: SHEET 1 OF 1

BIG-SP/-L/-OF - BIG MAX HDPE SAMPLING PORT 36\"/>



SPECIFICATIONS

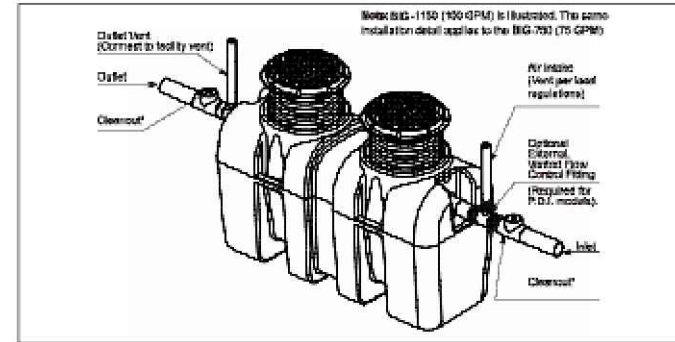
- NOTES:
1. 4\"/>

ENGINEER SPECIFICATION GUIDE:
MIFAB sampling port models BIG-SP, BIG-SP-OF, and BIG-SP-L are made in the USA of molded polyethylene.

MIFAB® Below Grade Interceptor Installation Considerations

Warning of the Big Max® Interceptor is recommended by MIFAB® and required for better installation.

- Vent the Big Max® grease interceptor on the outside. It is also recommended to vent the inside side of the Big Max® grease interceptor right after the actual Big Max® grease interceptor so that the use of an external vented flow control (B) and should be vented of the inlet and outlet connections.



INTERCEPTOR PLACEMENT
The interceptor should be placed in a clean and dry area for maintenance and inspection. The Big Max® can be installed in a basement, suspended from a ceiling (with a solid steel plate underneath the venting length and side of the interceptor) or in a ground or concrete foundation. Ensure that adequate room is provided around the interceptor for flow control access for pump out service. Ensure that the height above the Big Max® grease collar is enough to properly vent the interceptors.

INLET/OUTLET PIPING
The inlet and outlet piping connections require no hub couplings. (See MIFAB® BIG-1150 Series of no hub couplings). Keep inlet piping as straight as possible. MIFAB® recommends installation of an 18\"/>

FLOW CONTROLS
BIG MAX® interceptors are supplied with a standard flow control valve (interior) flow control. An external vented flow control fitting is required to be installed before the inlet of the grease interceptor to meet the 1/2\"/>

VENTING THE OUTLET
An outlet vent or approved air admission valve of at least 1/2\"/>

- RECOMMENDED EXCAVATION, BACKFILLING AND FINISHING FOR BIG MAX® INTERCEPTORS**
1. Install the interceptors as close as practical to the fixtures being served.
 2. The excavation must be a minimum of 12\"/>

Note: Changes are for reference only. Equipment must be installed in compliance with all applicable laws, regulations and codes, including plumbing codes. Installation should be done by a licensed plumber.

MIFAB® Big Max Extension Collar Installation

1) Set the Big Max Unit height to grade by installing the 18\"/>

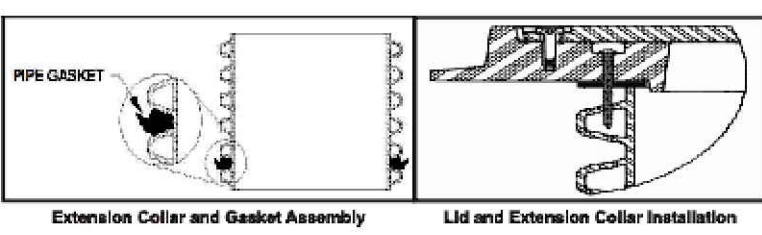
- 2) Install the Pipe Gasket onto the bottom of the pipe as shown. Then firmly press the 18\"/>

- 3) Insert the extension collar and pipe gasket onto the opening of the Big Max. Press firmly until the extension is seated inside provided recessed channel. The Big Max is designed to fit tightly, and installation can be made easier by wetting the receiving area with mild soapy water. This will reduce the friction and allow the extension to slide more easily into place.

- 4) Remove the cover from the lid assembly and this will expose predrilled screw holes. Affix the lid gasket with the self adhesive onto the underside of the collar. Place lid assembly onto the top of the corrugated pipe. Connect the lid assembly collar to the pipe with the 6 self tapping screws into the countersunk holes. Replace lid back onto the lid assembly collar.

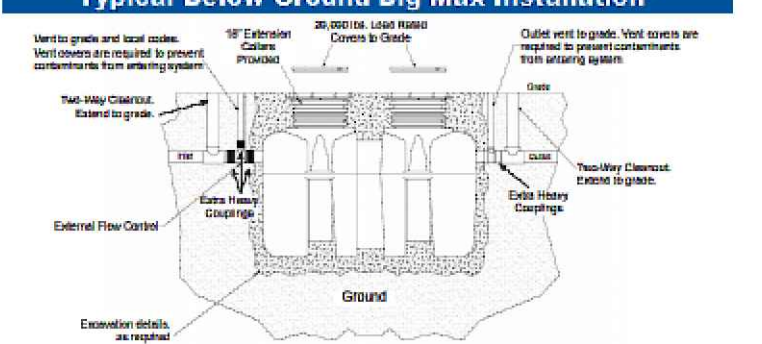
- 5) When installing the collar on concrete roads, an 8 inch-width concrete ring beam with a 16 inch-width guard circle around it should be poured between the collar and brick setting to make the surrounding compaction level and unmovable.

- 6) When installing the collar on a bituminous road, the collar must be installed AFTER the road is paved. Roller compaction by construction equipment around the collar must be avoided. A hole that is slightly larger than the collar should be inserted before paving the pavement. The reserved hole can help ensure the installation quality and prolong the usefulness of the installation.



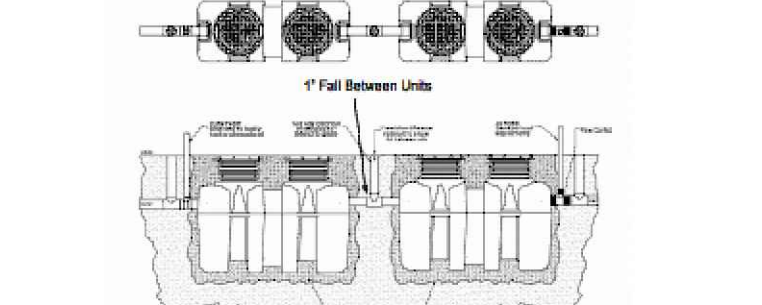
MIFAB® Typical Below Ground Big Max Installation

Vent to grade and local codes. Vent covers are required to prevent contaminants from entering system.

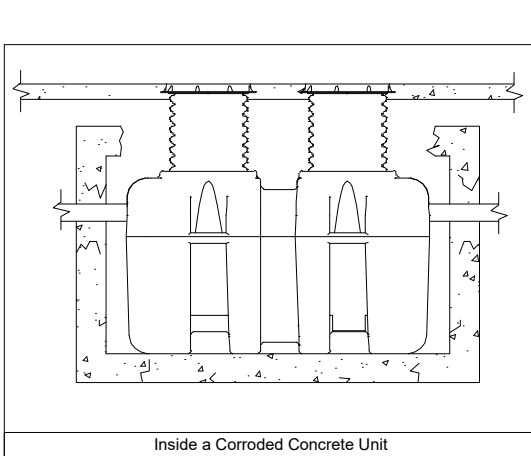


- 1) Big Max Units come with 18 inches of extension collar. In cases where less than 18 inches is needed the Big Max Collar is designed to be field cut to the desired height. Measure and mark the required height on the extension collar and then cut to the needed height with a Saws All. If more than 18 inches is required additional collar length can be acquired from a local supply house. Simply purchase the required amount of 18 inch diameter ABS pipe and insert into the Big Max. The maximum recommended depth of the collars should be no more than 72\"/>

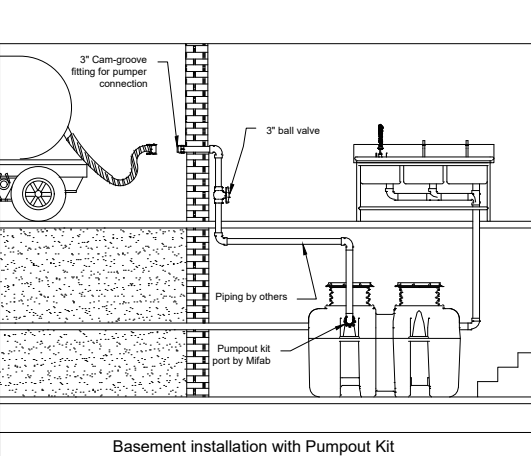
- 2) Proper venting is important to unit efficacy. Always vent to grade / atmosphere and in compliance to local codes. Vent covers are required to prevent contaminants from entering system.



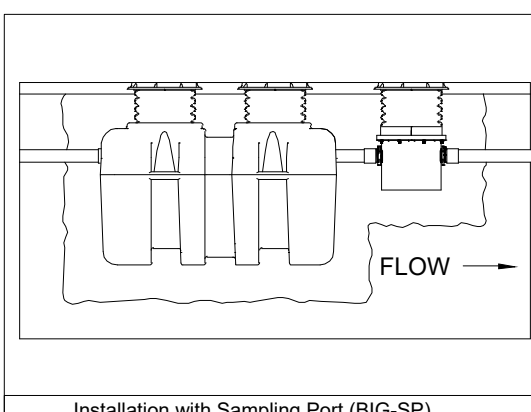
When combining more than one Big Max Unit in series or parallel always provide a 1 inch fall or change in grade between units.



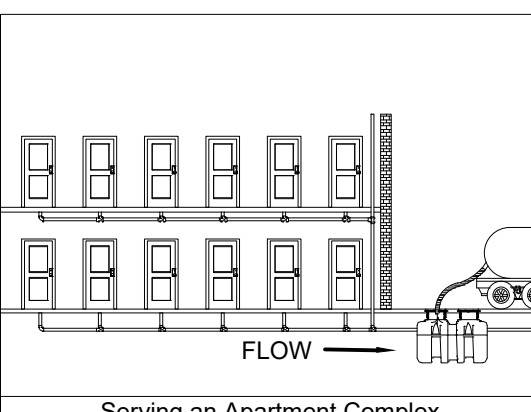
Inside a Corroded Concrete Unit



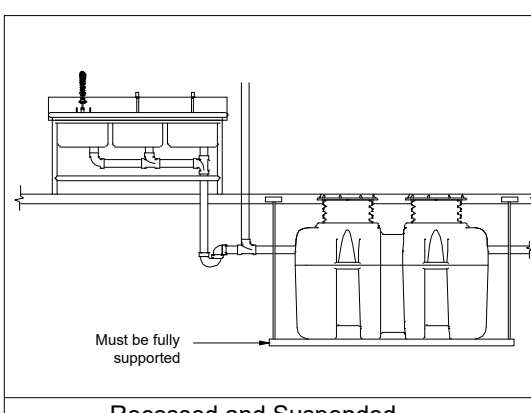
Basement installation with Pumpout Kit



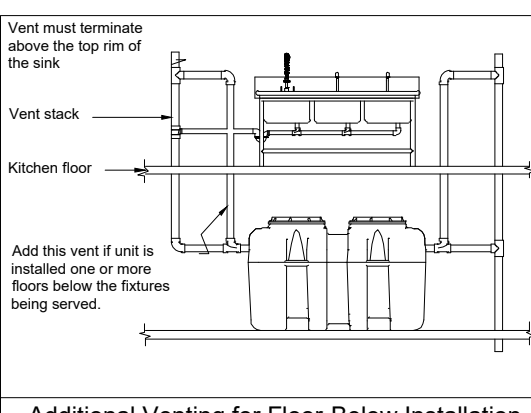
Installation with Sampling Port (BIG-SP)



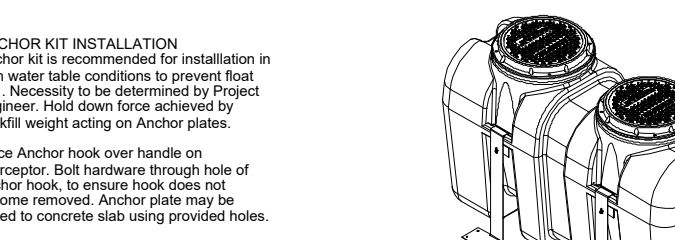
Serving an Apartment Complex



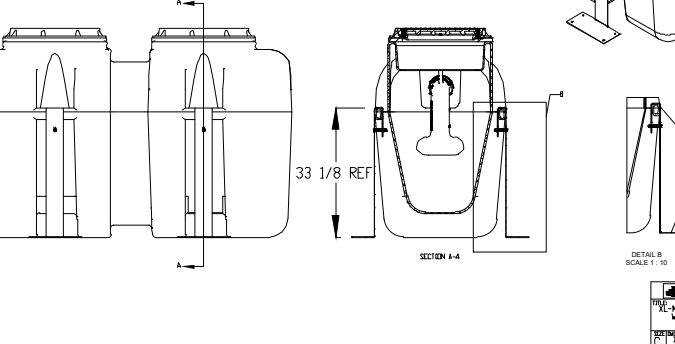
Recessed and Suspended



Additional Venting for Floor-Below Installation



Anchor Kit Installation



Anchor Kit Installation

MIFAB®

TITLE: 100GPM HDPE GREASE INTERCEPTOR

SIZE: DWG. NO. C

SCALE: 1/11

WEIGHT: SHEET 1 OF 1

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