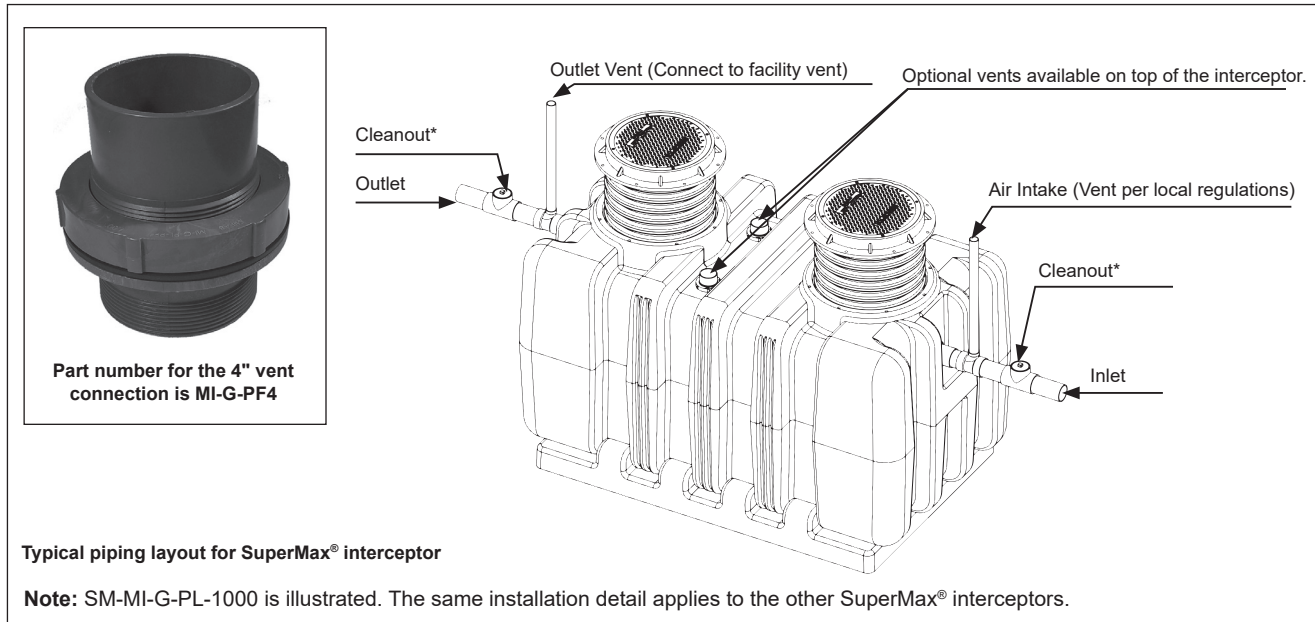


Venting of the SuperMax® interceptor is recommended by MIFAB® and required for indoor installations.

- Vent the SuperMax® grease interceptor on the inlet side. It is also recommended to vent the outlet side of the SuperMax® grease interceptor right after the outlet.



### INTERCEPTOR PLACEMENT

The interceptor should be visible and easily accessible for maintenance and inspection. The SM-MI-G-PL-500 model can be installed in a basement, suspended from a ceiling or in-ground in an exterior location. Ensure that adequate room is provided around the interceptor to allow easy access for a pump truck operator. Ensure that the height above the SM-MI-G-PL-500 model access cover is enough to properly service the interceptor.

### INLET/OUTLET PIPING

The inlet and outlet piping connections require no hub pipe couplings. (See MIFAB®'s MI-HUB Series of no hub couplings.) Keep outlet piping as straight as possible. MIFAB® recommends installation of 4" (102 mm) cleanouts on both the Inlet and Outlet of 4" for the SuperMax® Interceptors and Solids Interceptors in accordance with all applicable laws, regulations and codes. Use only "sweep" connections. Do not reduce the pipe sizing on the outlet piping. Do not install a "P" trap on the outlet connection of system. (Note: The system already has an internal gas trap.)

### FLOW CONTROLS

For the SM-MI-G-PL-500 model interceptors are supplied with a stainless steel calibrated orifice plate (internal flow control). An external, vented, flow control fitting is required to be installed before the inlet of the grease interceptor to meet the P.D.I. G-101 for the SM-MI-G-PL-500 model.

### VENTING THE OUTLET

An outlet vent or approved air admittance valve of at least 1/2 the diameter of the interceptor's outlet connection must be installed as close as possible to the SuperMax® outlet to prevent possible siphonage problems. The vent on the outlet piping is to be installed in accordance with all applicable laws, regulations and codes. Failure to provide a vent for the interceptor voids MIFAB® Warranty for the system.

### RECOMMENDED EXCAVATION, BACKFILLING, AND FINISHING FOR FOR THE SUPERMAX® INTERCEPTORS

- Install the interceptor(s) as close as practical to the fixtures being served.
- The excavation must be a minimum of 12" greater on all sides of the tank.
- The depth of the excavation must be greater than 6" on the bottom of the interceptor.
- Fill the interceptor with water prior to backfilling in order to prevent the interceptor from floating.
- Fully install the double wall corrugated pipe and lid prior to backfilling.
- Concrete or finishing material requirements are to be determined by the specifying engineer.
- Encase the interceptor in well-packed 3/4" rock, or sand.
- To prevent float out: the Anchor kit is recommended for installations in high water table conditions. This is to be determined by the specifying engineer.

Note: Drawings 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.