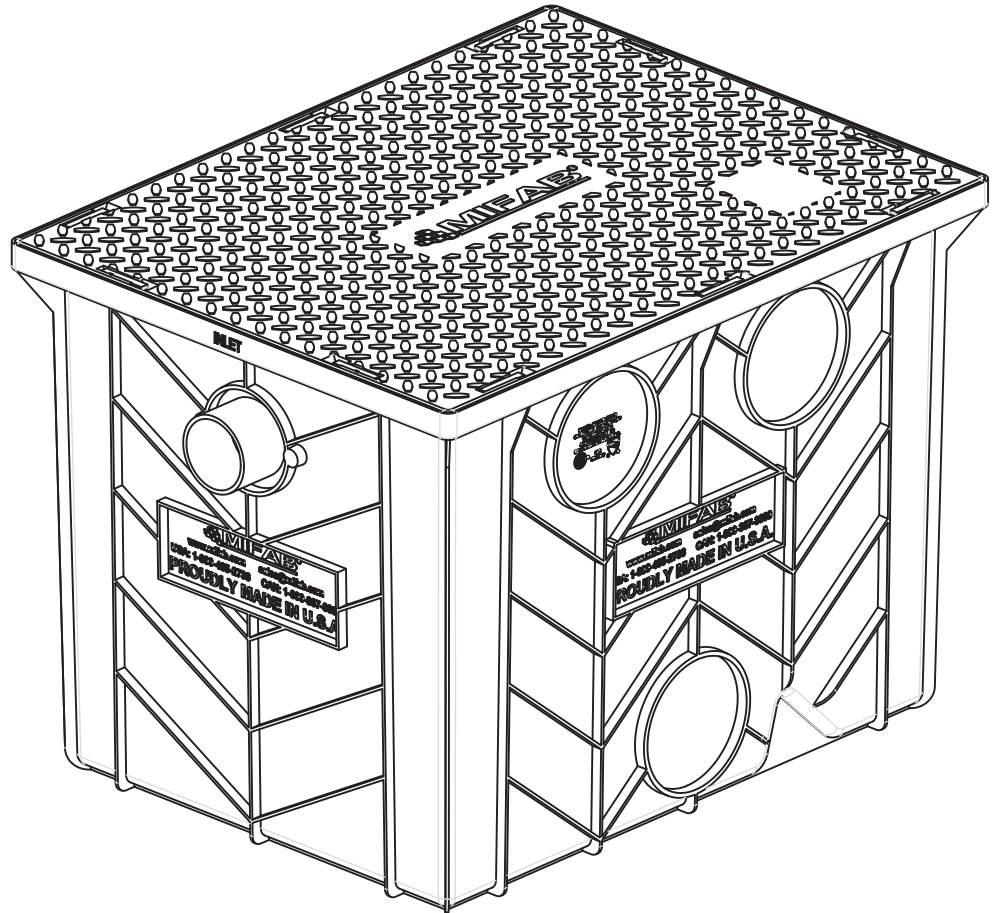


INSTALL GUIDE

LIL-MAX



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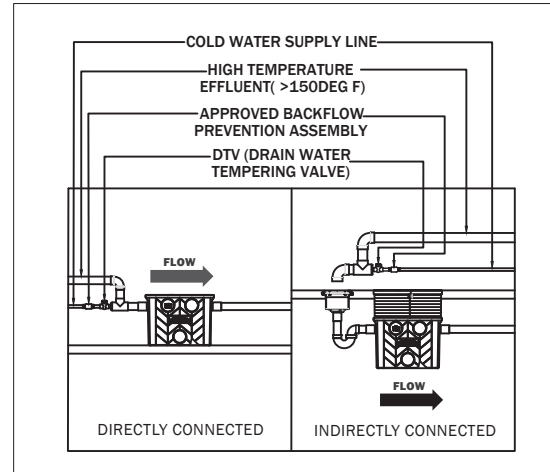
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SPECIAL PRECAUTIONS

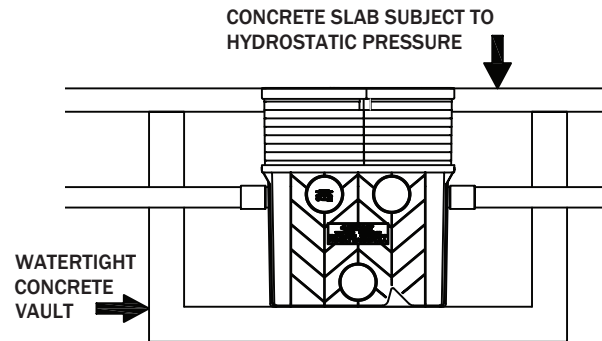
1. HIGH TEMPERATURE KITCHEN WATER

If there is water entering the interceptor at over 150°F, a drain water tempering valve and approved backflow prevention assembly must be installed. Generally, state and local plumbing codes prohibit water above 150°F from being discharged into the sewer.



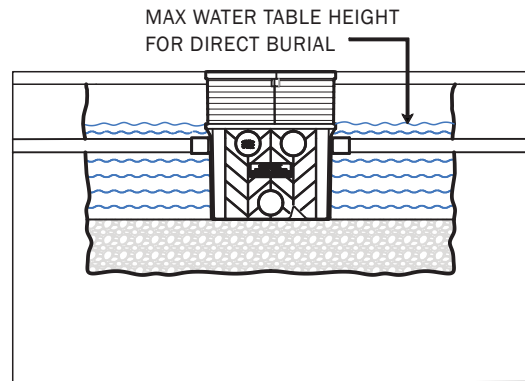
2. HYDROSTATIC SLABS (OR PRESSURE SLABS)

Interceptor must be enclosed in a water concrete vault when installed under a hydrostatic slab (slab designed to withstand upward lift- typically caused by hydrostatic pressure).



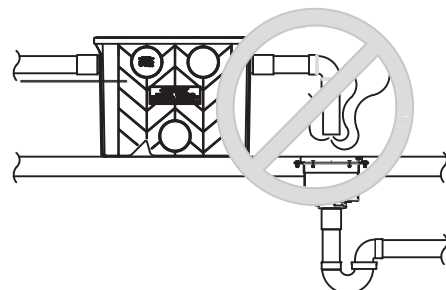
3. HIGH WATER TABLE INSTALLATIONS

Interceptor and riser cannot withstand excessive water table height - see max water table height. If possible, interceptor and riser should be installed in a water-tight concrete vault or backfill with concrete or flowable fill (pour wet concrete and flowable backfill in stages to avoid crushing the interceptor).



4. ODOR ALERT

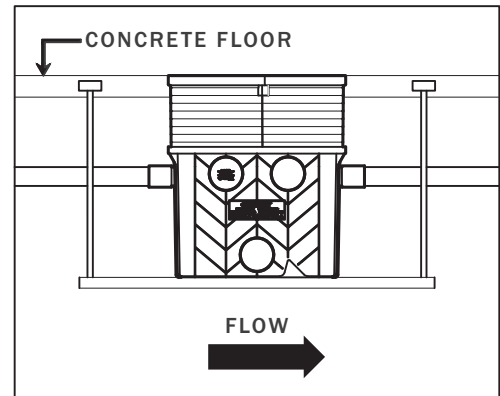
Do not install air gap on outlet side of interceptor.



SPECIAL PRECAUTIONS

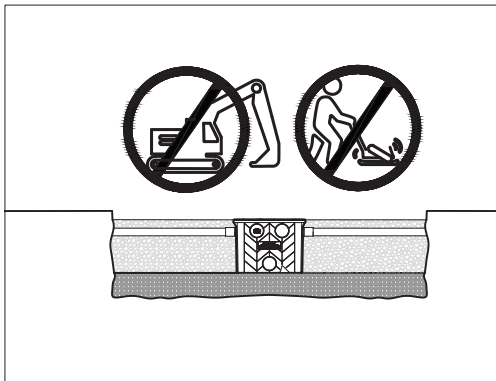
5. FULLY SUPPORT BASE OF UNIT

Interceptor must be installed on solid level surface with contact made on the entire footprint of the unit base. For suspended installations, a trapeze must be used to support the wet weight of the unit. The whole unit must be supported at all times - do not suspend unit using metal U-channel to create a trapeze.

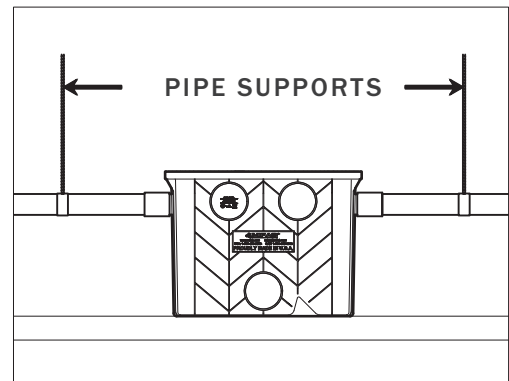


6. SUPPORT INLET AND OUTLET PIPING

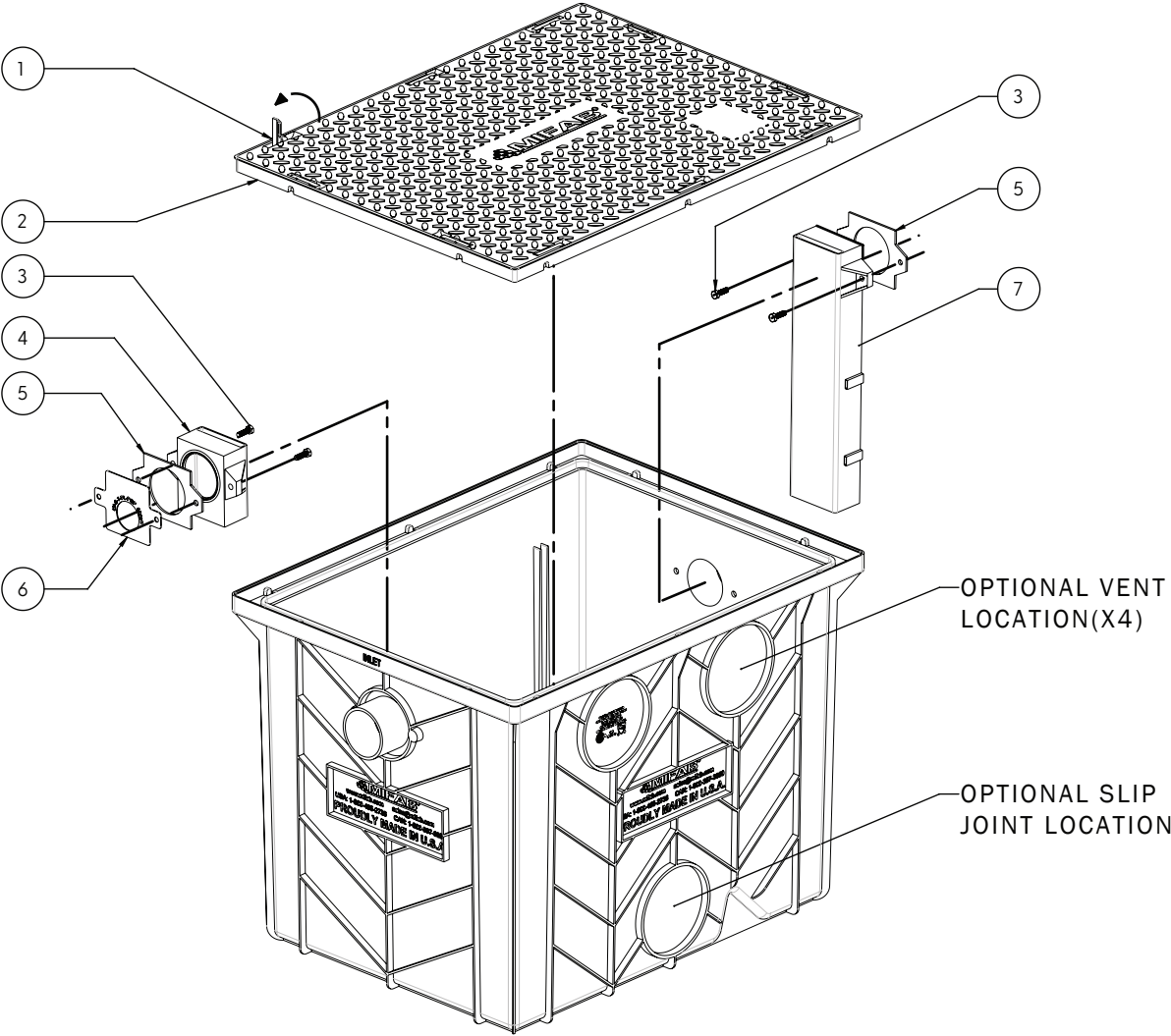
The inlet and outlet piping connections require no hub pipe couplings. (See MIFAB®'s Quick Hub Series of no hub couplings). Keep outlet piping as straight as possible. MIFAB recommends installation of 4" (102 mm) cleanouts on both the inlet and outlet of 4" LIL-MAX® interceptors in accordance with all 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).



**DO NOT COMPACT BACKFILL MECHANICALLY.
COMPACT BY HAND ONLY**



LIL-MAX COMPONENTS



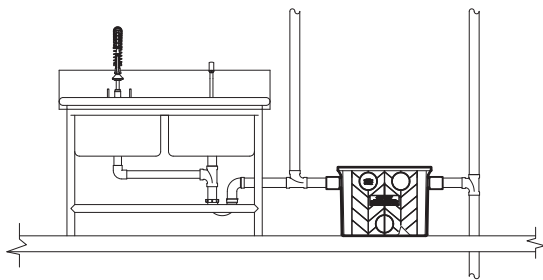
- | | |
|------------------------------|-----------------------------|
| ① LID LATCH | ⑤ INLET TRAP SEALING GASKET |
| ② INTERCEPTOR LID | ⑥ INTERNAL FLOW CONTROL |
| ③ BOLT FOR INLET/OUTLET TRAP | ⑦ OUTLET TRAP |
| ④ INLET TRAP | |

GENERAL INSTALLATION

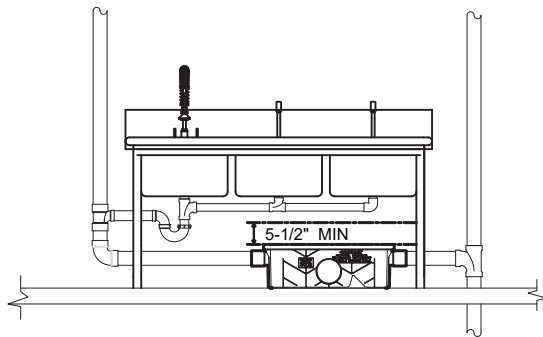
ON THE FLOOR INSTALLATION:

Connect piping to interceptor using MIFAB no-hub coupling (See MIFAB's Quick Hub Series of no hub couplings). Ensure all upstream fixtures are trapped properly. **Vent per local code.**

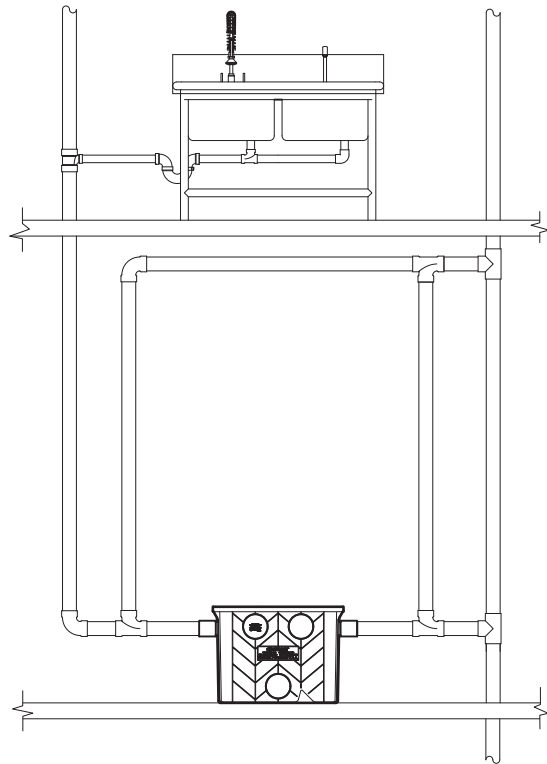
NEXT TO SINK:



UNDER SINK:

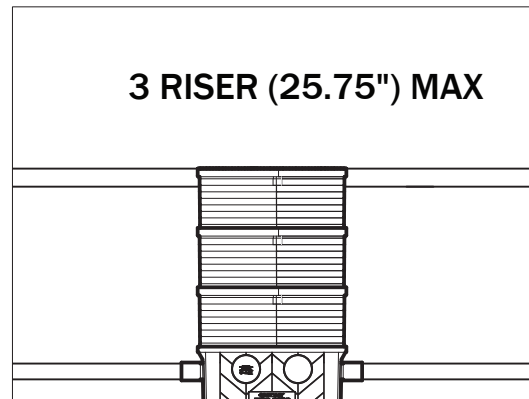
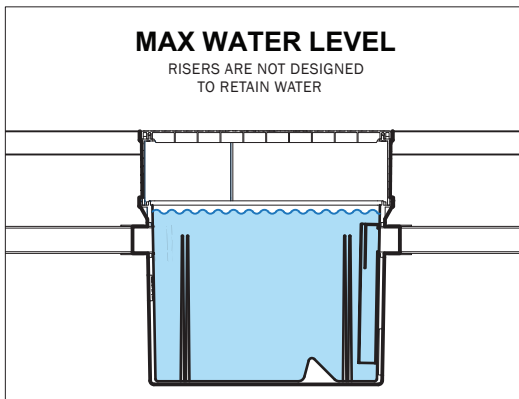


FLOOR BELOW:



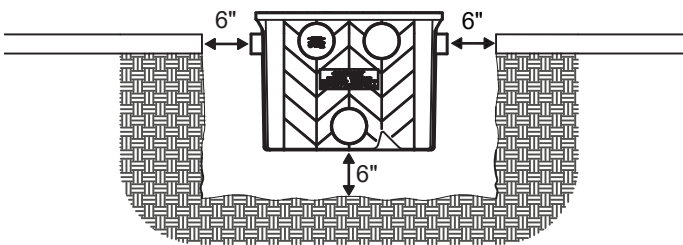
BURIED INSTALLATION

SPECIAL PRECAUTIONS:

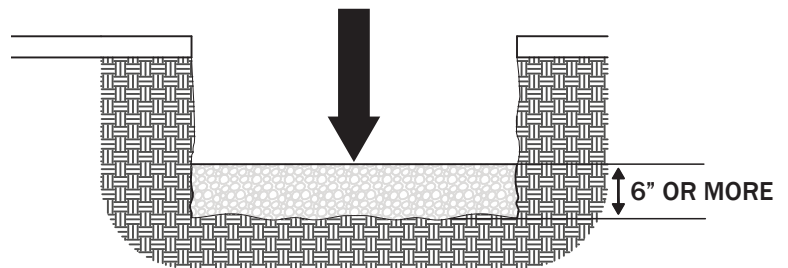


1. EXCAVATION:

1A. Excavate hole at least 6" larger than interceptor on all sides.



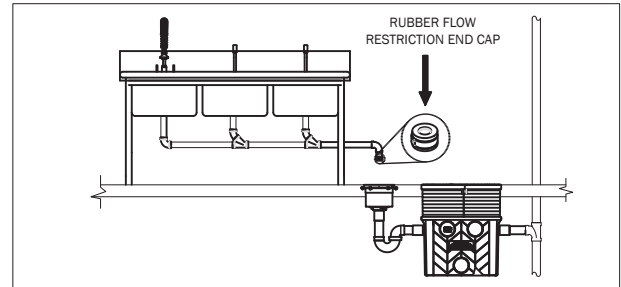
1B. Add crushed aggregate (approximately $\frac{3}{4}$ " size rock or sand, with no fines) to base of hole.



BURIED INSTALLATION

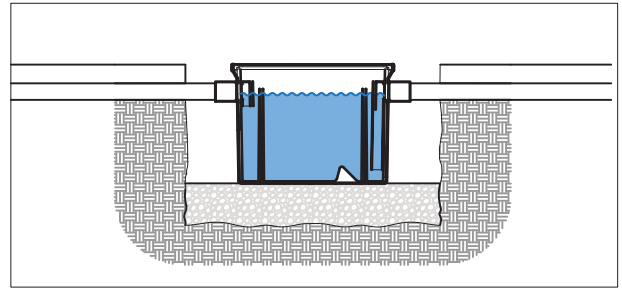
2A. FLOOR SINK INSTALLATION

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.



2B. IN-GROUND INSTALLATION

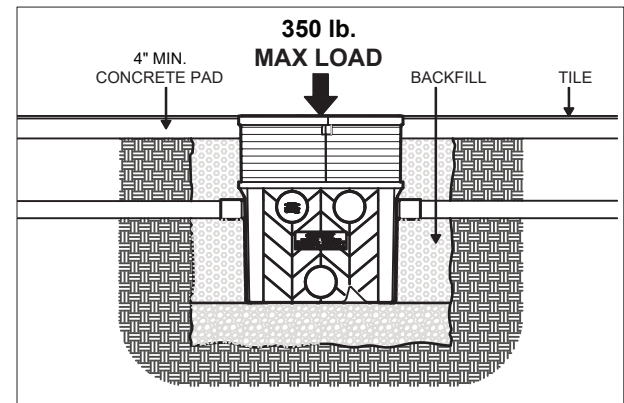
Set interceptor and connect piping using MIFAB no-hub coupling (See MIFAB's Quick Hub Series of no-hub couplings). Vent per local code. Fill tank with water so that it remains in place during backfill.



3. BACK FILL AND FINISHED GRADE

BELOW GRADE WITH RISER (Preferred):

See instructions for LIL-MAX Extension Installation on MIFAB.com. Backfill evenly around tank using crushed aggregate (approximately $\frac{3}{4}$ " size rock or sand, with no fines), finish with a minimum 4" thick concrete pad.



FLUSH-TO-GRADE BURIALS:

Backfill evenly around tank using crushed aggregate (approximately $\frac{3}{4}$ " size rock or sand, with no fines), finish with a minimum 4" thick concrete pad.

