

DESIGN AND INSTALLATION GUIDE

Clog-Free, Dry Trough, and Anti-Splash Models

For Design and Installation Assistance,
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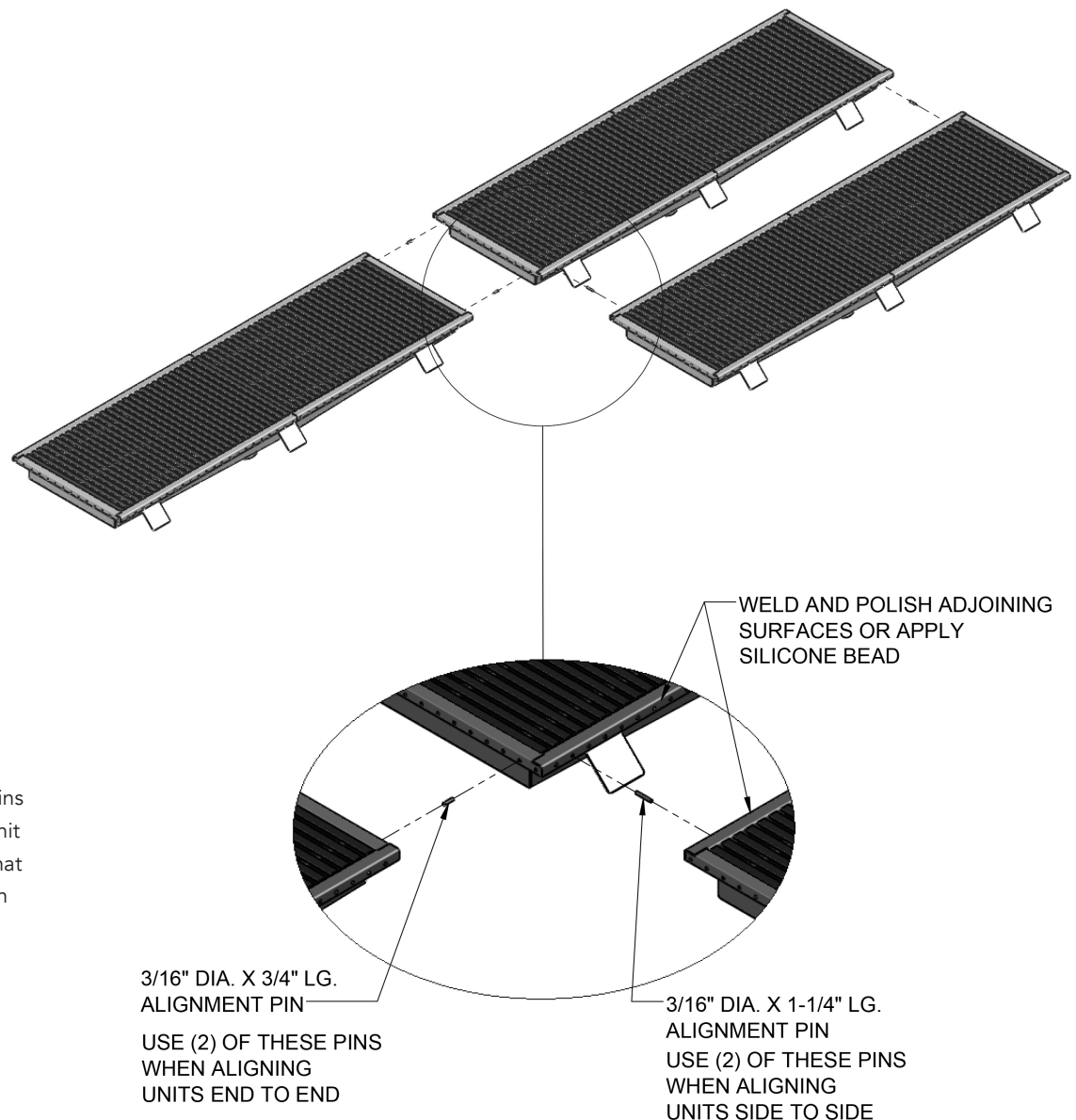
INTRODUCTION

The installation of Made To Drain troughs is straightforward and can be accomplished with normal construction materials and techniques. The following assumes installation in a slab on grade condition, although the troughs can be installed in other conditions, as well.

DESIGN AND INSTALLATION OF SYSTEM

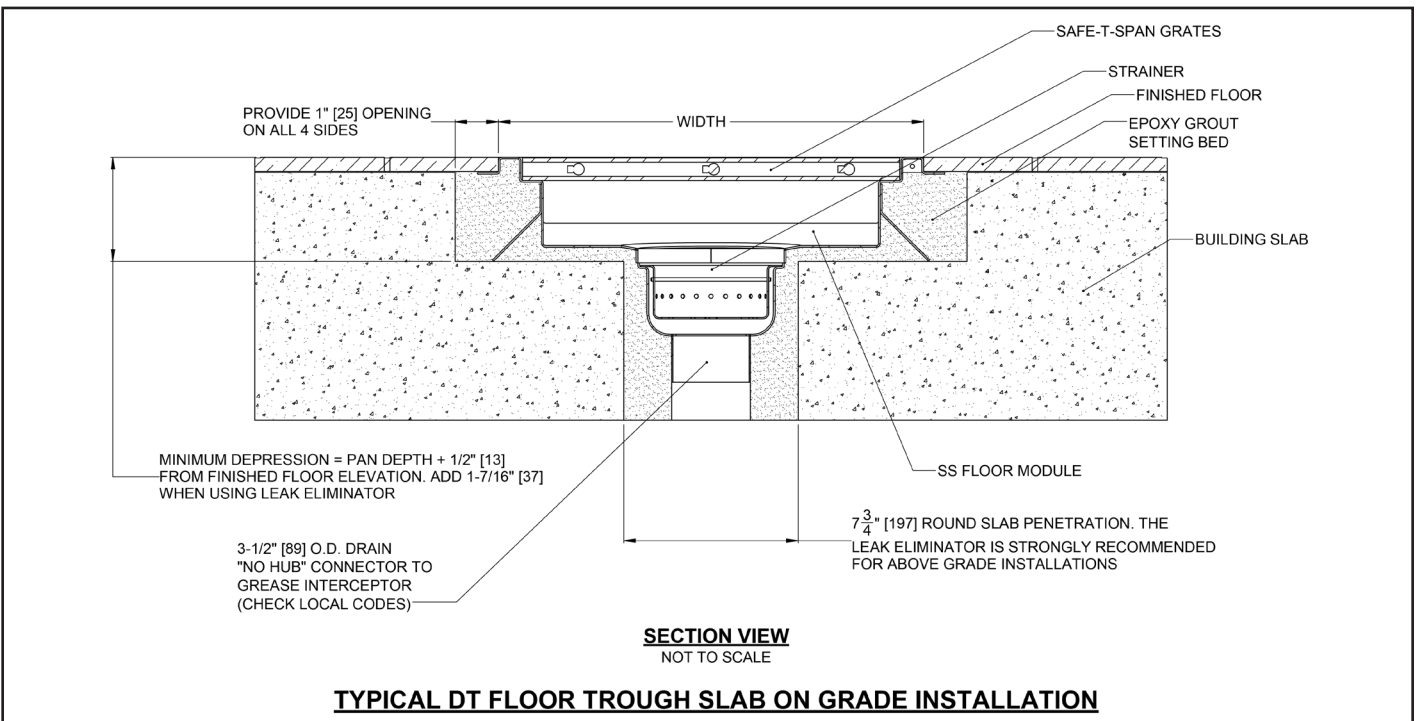
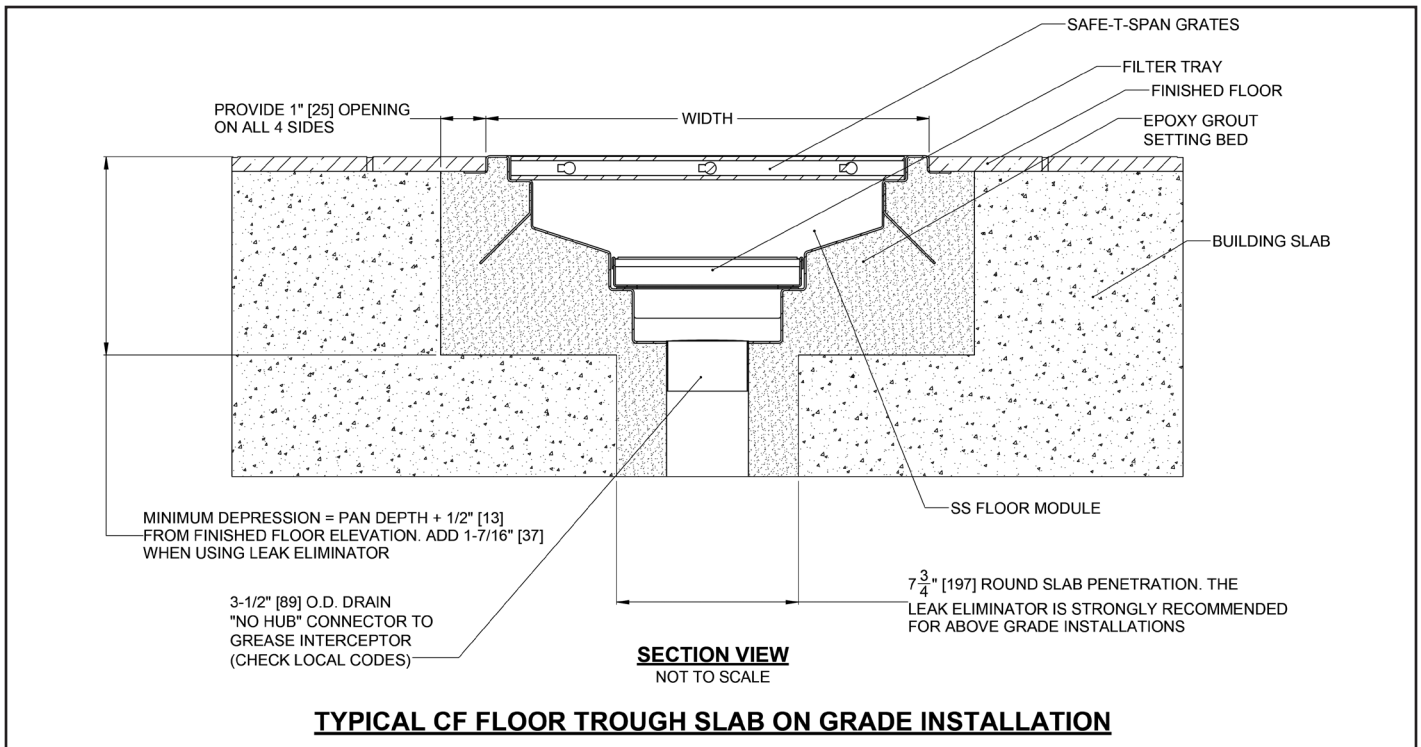
Setting the Troughs

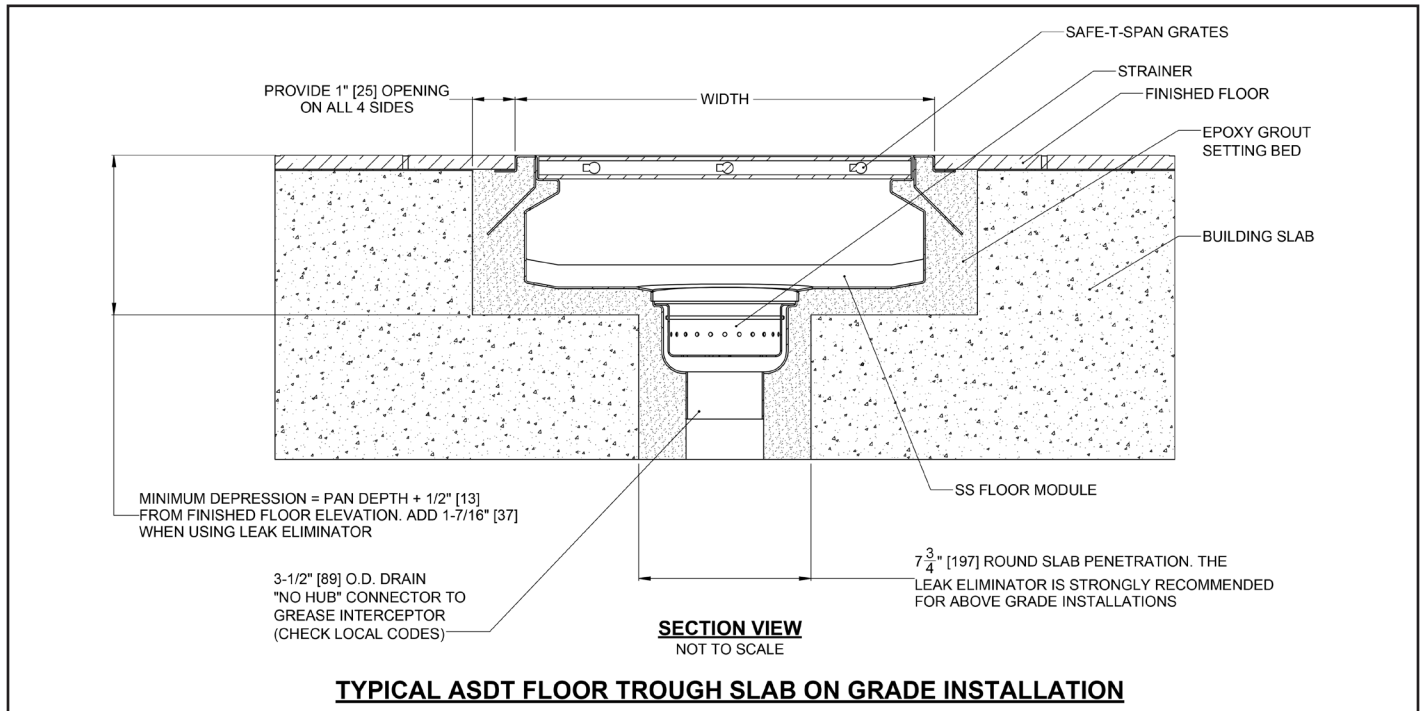
- The opening in the slab to receive the unit must be 1" (25) larger, on each side of the unit. The area can then be **back-filled with epoxy grout** to fill the void. This will give better support to unit edges and much better control of final installed unit heights.
- The unit should be set to allow the top of the unit to be level with the top of the finished floor. The turned down edge is not a height guide for tile installation.
- It is important that the module itself be level even if the surrounding floor is not. To be safe, do not assume the surrounding floor is level.
- When installing the units end to end or side to side, alignment pins are provided to ensure unit to unit alignment. It is recommended that the seams be welded together in the field. Silicone caulk between the seams can be used as an alternative.
- In the event that units are being installed side by side rather than end to end, it is particularly important to be certain that all edges of the units are completely supported by the final concrete.



ALIGNMENT PIN INSTALLATION

- Epoxy grout should be used in the grout lines in the areas immediately adjacent to the floor troughs.
- Once the trough is installed, it is recommended that sections of 3/4" (19) plywood be cut to fit the pans snugly and fitted in place of the grates before the final epoxy grout backfill to avoid warping, bending and twisting of the top of the pans during construction.





MAINTENANCE OF THE MADE TO DRAIN SYSTEM

BASIN

- If a light grease buildup is noticed on the stainless steel basin, a commercial degreaser should be hand sprayed occasionally before refitting the grates. Let it sit, then rinse the trough.

GRATES

- Gray Anti-slip Grating (standard)
- Heavy-Duty Fiberglass Grating (optional)
- Stainless Steel Subway Grating (optional)
- Stainless Steel Anti-Slip Subway Grating (optional)

If there is a need to place heavy objects in the Made To Drain areas during equipment servicing, remodeling, etc., it is recommended that 3/4" (19) sheets of plywood be cut in sizes to replace the grates and minimize risk of damage.

- Ideally, the fiberglass grates should be cleaned daily. The grates can be washed in a three compartment sink or deck brush while they are in place on the units. Grates should always be installed with the anti-slip rough side up.
- Improper cleaning of the grates per the above recommendations may lead to the growth of mold and mildew. Regular cleaning will prevent this from occurring. However, if mold or mildew develops on your grates, deck brushing the grates with a solution such as Ramsey's Power Bolt cleaner and degreaser will take care of the problem. NOTE: Do not use chlorine based products to clean the grates while they are still in place on the Troughs as these chemicals may damage the stainless steel.
- The non-slip grates should NOT be mopped as the abrasive surface will tear strings from the mops that can possibly clog the drain.



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