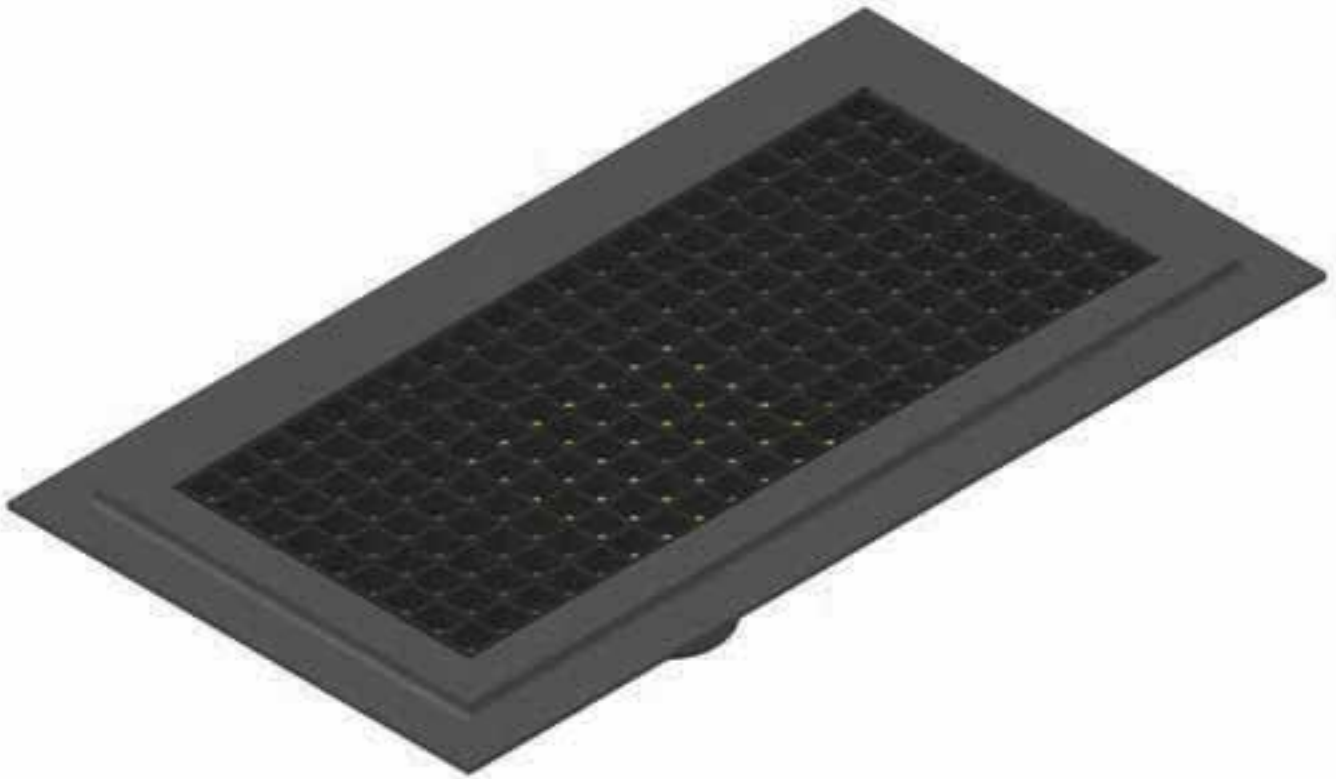




Trough Drain Installation Instructions

**For Models: TD1365, TD1365LF, TD1665,
and TD1665LF**





1. Preparation For Drain Installation

- a. For new construction applications, we recommend using a 4" p-trap and riser. For retrofit applications, adapt riser to fit drain.
- b. Place cardboard template over drain riser and rotate to achieve proper orientation with building.
- c. Drive 1/2" iron pipe stake at each corner hole in template to 3" below finished floor. (Warning: Be careful not to damage underground utilities. Length of stake will depend on type of ground.) Stakes are to support the drain until concrete is poured.
- d. Riser needs to be cut so that the top of the drain is 3/8" below finished floor 2 feet from the drain any direction.

2. Drain Installation

- a. Drop supplied 3/8" leveling rods with washer and nut into each iron pipe stake so that 1" of threads are showing above the nut as shown in figure 2.
- b. Attach trough drain to the drain riser using a 4" husky no hub coupling or other approved mechanical coupling that meets local code requirements.
- c. Adjust drain with 4 leveling rods. Rods should fit into copper cavity under each corner of the drain as shown in figure 2. Adjust so that the top of drain is level and 1/4" below finished floor 2 feet from any drain direction.

3. Concrete Pouring

- a. Ensure that the concrete is properly reinforced per local codes and requirements.
- b. We recommend having at least one 1/2" rebar rod attached to the reinforcement for the building slab following the perimeter of the drain. See figures 3-6 for location of rebar.
- c. For large pours with multiple drains we recommend pouring concrete around all drain risers before pouring entire slab.
- d. For concrete finishing requirements, choose the corresponding figure for your finished floor application.
- e. Use the supplied concrete finishing tool for finished floor coatings and tile only applications as shown in figures 3 and 4. (Optional: Cut along line and discard portion of tool not needed for your application.)
- f. Float concrete to flange for tile applications with waterproofing membrane as shown in figure 5
- g. Float concrete to top of drain for finished concrete applications as shown in figure 6.

Model TD1365 Shown

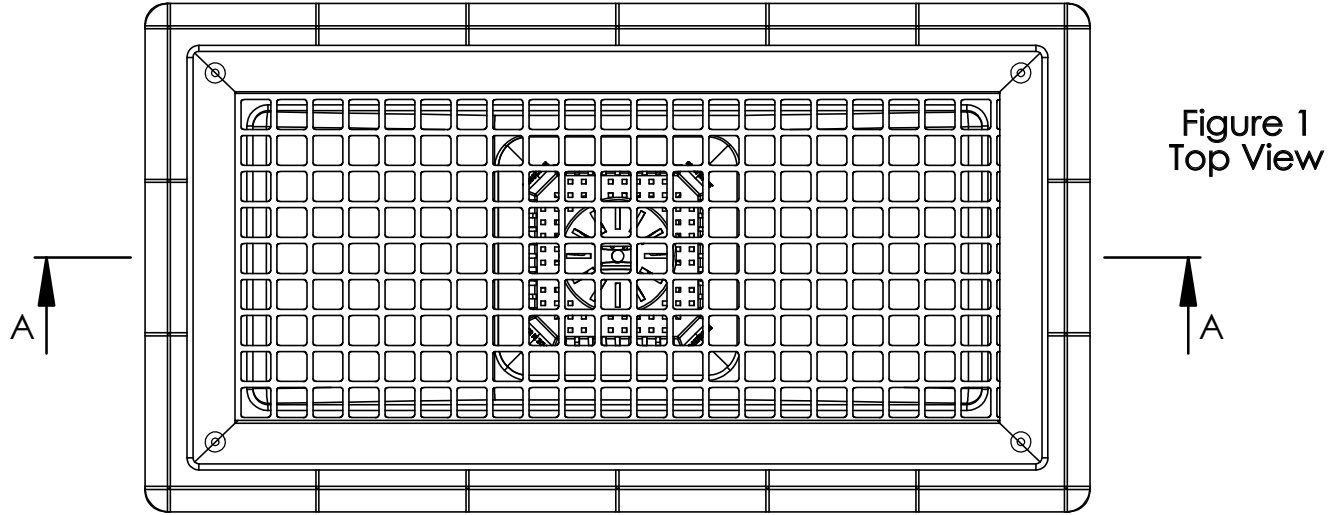


Figure 1
Top View

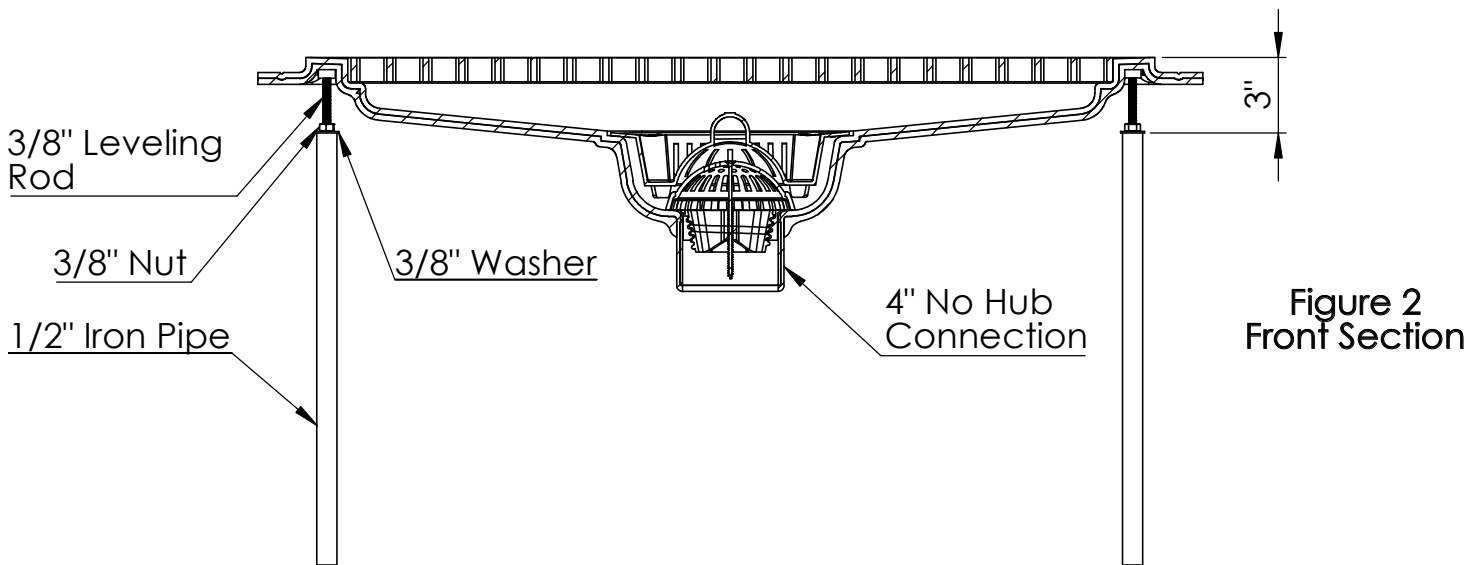


Figure 2
Front Section

SECTION A-A

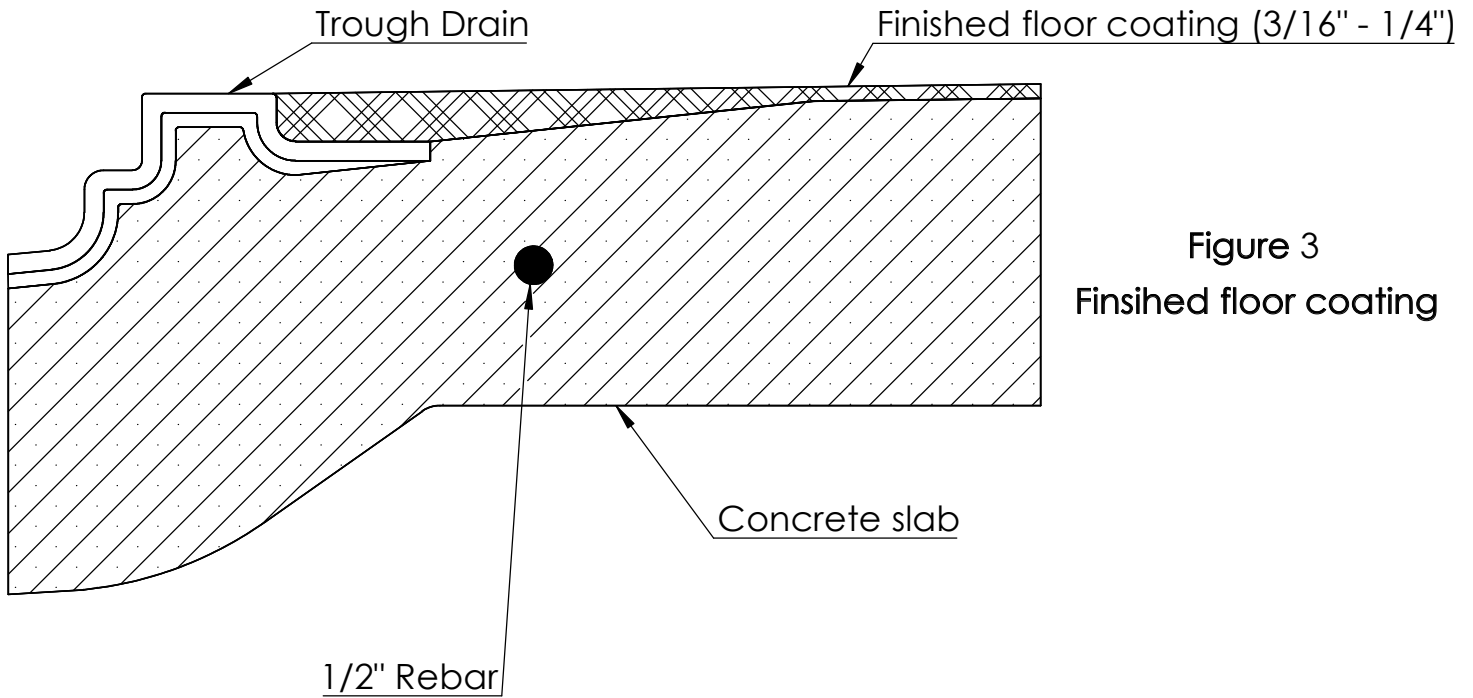


Figure 3
Finished floor coating

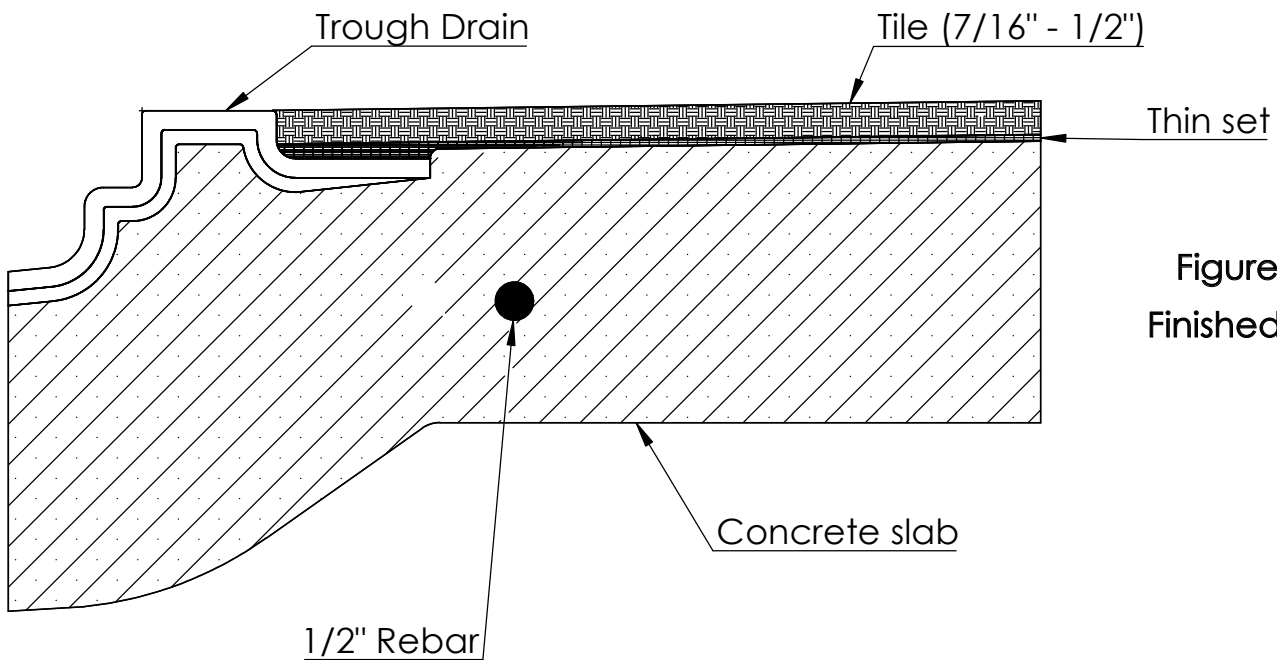


Figure 4
Finished tile

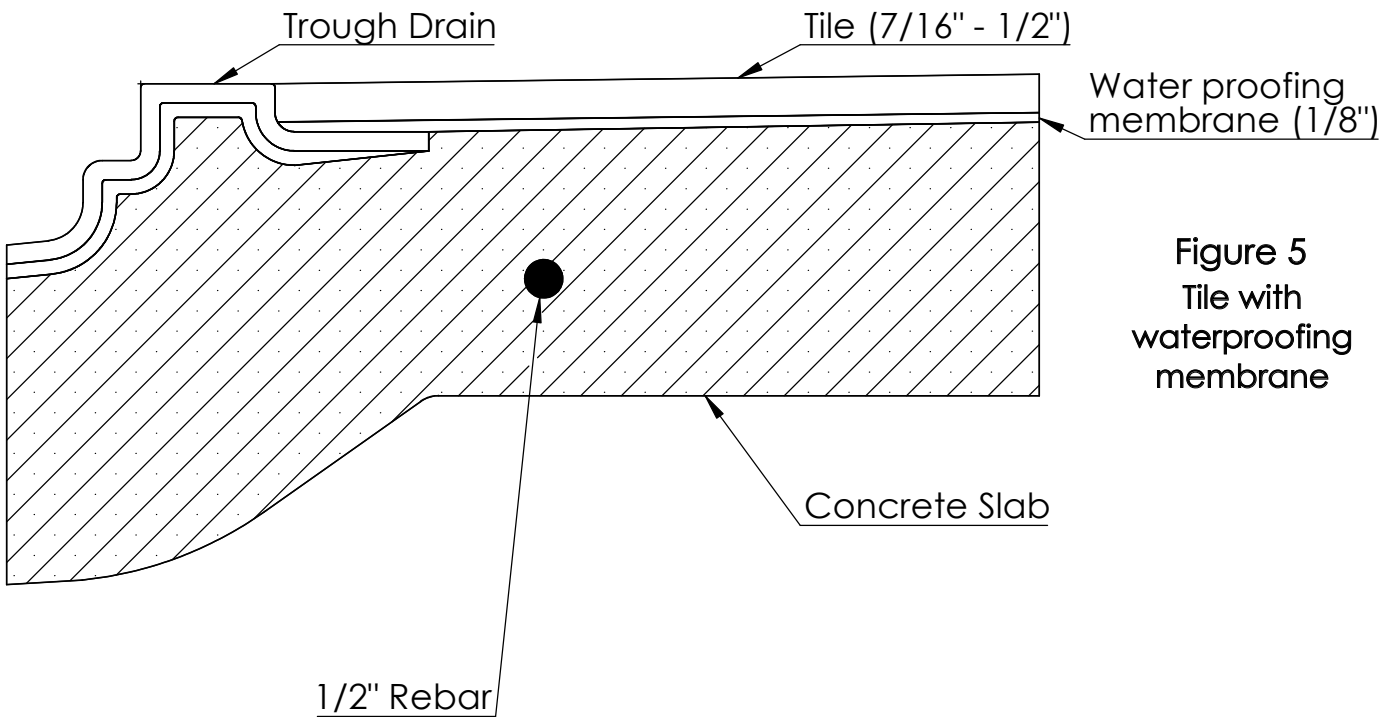


Figure 5
Tile with
waterproofing
membrane

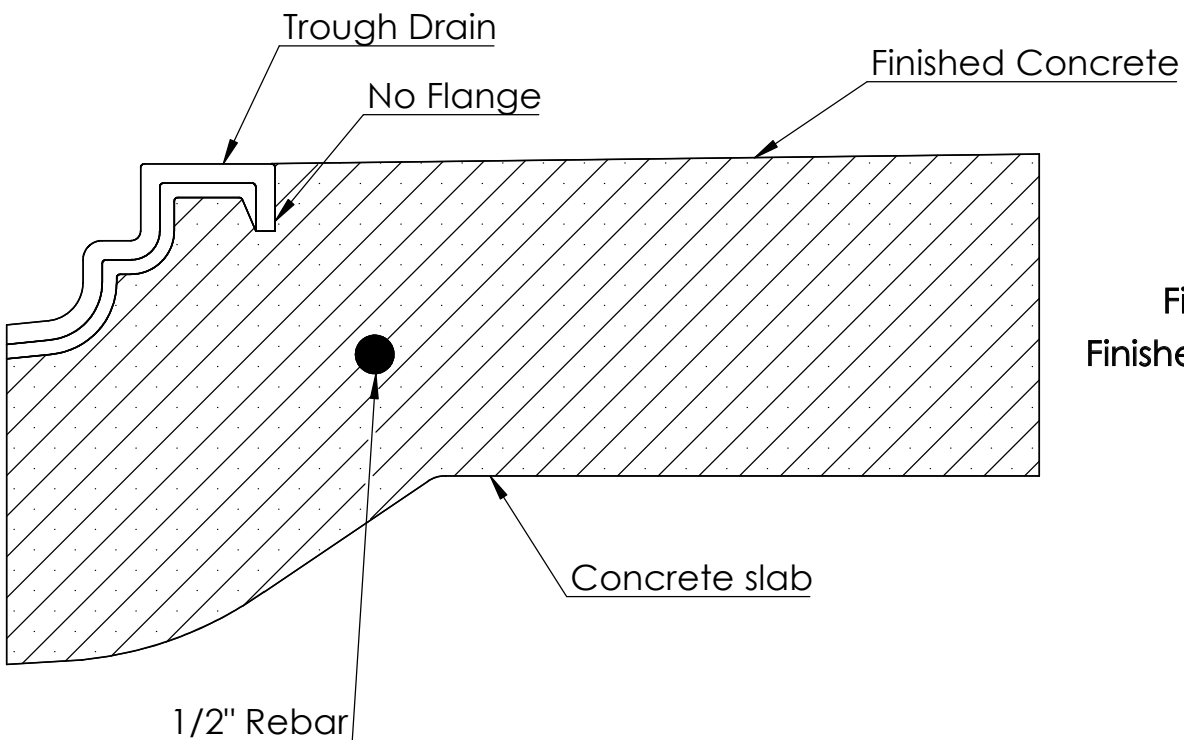


Figure 6
Finished concrete