

## Sewer Connection Instructions

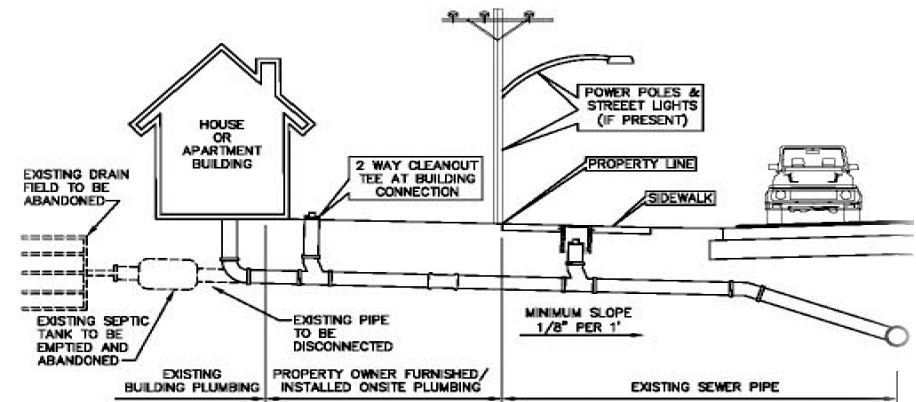
Along with the requirements and necessary forms, instructions are provided below to help you install a sewer tie-in for a new sanitary sewer connection.

**Note:** To connect to your new sanitary sewer system, you will need a basic understanding of plumbing principles. Some moderate to heavy physical activity will be required to dig the trench and make the connection.

1. Find the location of your sewer line, which runs from under your home/building and connects to your septic tank. It may be easier to locate the septic tank first, and then find the plumbing drain line that goes into the septic tank. For information regarding the location of your sewer lateral, contact Broward County Water & Wastewater Services at (954) 831-3250.
  2. Contact the SUNSHINE LOCATOR at 1-800-432-4770 before digging at the property line. The Sunshine Locator will provide the free service of locating buried cables, electric lines, and other utilities that may be underground on or near your property.
  3. Once the locator has provided you with the correct locations of the various utilities, you may begin digging at the sewer lateral location (identified by a clean-out that has been installed by the County in the new sidewalk) and find the connection point (somewhere between 3 to 5 feet deep) at the septic tank. Once the depth of both pipes have been determined, you can begin digging from the septic tank pipe location. The 4 inch pipe from the septic tank to the County clean-out needs a minimum of 1/8 inch per foot slope. For every 8 feet of pipe installed, there is 1 inch of a downward slope) along the entire pipe to the point of connection to the sewer lateral. The starting depth for digging needs to be a minimum of 16 inches from the finish grade. Please view diagram on the next page.
  4. After digging the trench for the pipe, begin installation of the pipe and fittings. In some cases you may have to run the pipe from the rear yard to the front yard or parallel to an exterior wall. Use caution not to undermine your foundation. Trenches installed parallel to building footings shall not extend below the 45 degree (0.79 rad.) bearing plane of the footing or wall. Be sure to use the proper adapters when going from dissimilar pipes (i.e. PVC to cast iron or vice-versa).
- Note:** Use PVC purple primer and glue for PVC connections when PVC pipe joint glue has been used.
5. **At the building connection:** A 4 inch 2-way clean-out tee is required within 5 feet of the building. From here, a 4 inch clean-out is required to be installed every 100 feet. At the County-furnished sewer lateral, a 4 inch test tee is required at the connection to the sewer lateral. All clean-outs and TY fittings are required to extend up to the finish grade, with a threaded plug for easy access.
  6. **Once the installation has been completed, a water test may be required to test for leaks.** The sewer must be water tight at all points. The installation must be inspected and approved by the County or City Plumbing Inspector. All pipe and fittings must be exposed for the inspection.
  7. **Once the installation has been tested and accepted by the County or City plumbing inspector, the pipe is back-filled with clean fill, no stones larger than 1/2 inch, and supported for the entire length.** After the installation of the sewer pipe, a minimum of 12 inches of fill is required to be installed above the sewer pipe filling the first 6 inches with sand. Backfilling: loose earth, free from rocks, broken concrete, frozen chunks and other rubble, shall be placed in the trench in 6-inch (152mm) layers and compacted in place. The backfill under and beside the pipe shall be compacted to support the pipe. Backfill shall be brought up evenly on both sides of the pipe so that the pipe remains aligned.

**Note:** The 4 inch 2-way clean-out tee and the 4 inch clean-out every 100 feet may be 3 inch fittings, if the existing plumbing line from the building is 3 inches in diameter. Furthermore, where it is necessary to conceal a clean-out or to terminate a clean-out in an area subject to vehicular traffic, the covering plate, access door, or clean-out shall be of an approved type designed and installed for this purpose.

## New Sanitary Sewer Connection



## Septic Tank Abandonment

After you have installed your sewer line, you have to pump and abandon your septic tank:

1. You must hire a properly licensed septic tank pumping company. Make a copy of your receipt and keep it with your permit card for your sewer inspection.
2. Once the septic tank is pumped out, a hole must be punctured in the bottom for the Inspector to see during the final sewer inspection.
3. The empty septic tank will need to be filled with sand or similar material and the trench backfilled. You must request final inspection.

**Note:** At all times use caution and protective gear. Purchase construction safety tape to put around your open trenches and pumped out septic tank until they are backfilled.