



## ALLEN COUNTY REGIONAL WATER & SEWER DISTRICT

### GENERAL SPECIFICATIONS

#### FOR

### HOUSE SERVICE LATERAL CONNECTIONS TO SANITARY SEWERS

1. All workmanship and materials for individual homeowners' house service laterals shall be done in accordance with the Sewer Use Ordinance #2012 -4-1 of the Allen County Regional Water & Sewer District, Allen County, IN (District), as shown on the attached sketches and/or as noted here. It is not the intention of these sketches to depict all of the information contained in the Ordinance.
2. The sewerage system was designed to handle sanitary sewerage flows EXCLUDING storm water flow. Therefore, **NO YARD DRAINS, NO ROOF DRAINS OR BASEMENT FOUNDATION DRAIN SUMP PUMPS** shall be connected. The Sewage Utility Inspector will check specifically for this before approving the installation of the new house service lateral.
3. The Sewage Utility Inspector will be inspecting all house service laterals prior to backfilling and may require the removal of the new piping and the replacement of it to the District requirements if the piping in question and/or the installation does not comply with these requirements and those of the Ordinance.
4. The Homeowner will be required to be present for a basement sump pump investigation at the time of the lateral inspection by the District.
5. If the homeowner or the homeowner's contractor elects to utilize a portion of the existing house service lateral, with the exception of the piping located within 5 feet of the foundation of the building, all of the Utility's requirements for a house service lateral shall pertain, including but not limited to pipe materials, bedding, and proper line and grade. Gravity service lines shall be at a minimum SDR-35 PVC pipe. Pipes shall have a recommended 1/4 "per foot of slope and a minimum of 1/8" per foot of slope and be properly bedded to prevent settling or deflection of the pipe.
6. At least one outside cleanout should be provided, to be located at a convenient location, preferably near the connecting structure. It is recommended that a cleanout be provided at each bend or change of alignment in the lateral.
7. In some instances the service lateral connection may not be deep enough to serve basement facilities, in which case the user may install his own sump pump for sanitary sewage only if he so desires. The District will make reasonable efforts to provide a gravity connection for all user structure facilities.



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8. Per IC 13-26-5-2.5 (h) – a property owner who connects to a district’s sewer system may provide, at the owner’s expense, labor, equipment, materials, or any combination of labor, equipment, and materials from any source to accomplish the connection to the sewer system, subject to inspection and approval by the board or designee of the board. Inspection of the private lateral installation shall be provided by the District. Such inspection shall generally consist of overseeing the use of proper materials and the elimination of points of possible clear water entry into the new sanitary sewers from sources such as roof drains, yard drains, leaky pipe joints and the like. It is suggested that users seek at least two quotes from different approved contractors for the work on their private property.
9. The District assumes no other responsibility for work on private property, and any financial arrangements are strictly between the user and private contractor.
10. The District will charge a Tap Fee of \$2,000 per Rate Ordinance #2015-12-1 for new connections, except for customers making initial connections in new service areas within the stipulated timeframe for connection, and an Inspection Fee of \$80.00 for all connections.
11. The Contractor installing the main line gravity sanitary sewer will provide a 6-inch diameter, user service (tap line to the property line) for all structures to be connected to the new sanitary sewers. In areas that involve connection to a grinder pump station, the Contractor will provide a 4-inch diameter, user service lateral (tap line to the property line) for all structures to be connected to each particular grinder pump station.
12. The main line sewer contractor has used PVC pipe and it is required that the service laterals be of the same material. The specification for the PVC pipe is ASTM D-3034 (SDR-35) with rubber ring joints. It is also recommended that all fittings, where required, be at a maximum 45 degree bend.
13. **The establishment of power to the grinder pump stations in the new service areas must be performed in advance of the sewer lateral connection. If shared grinder pump station, each home being connected must establish power prior to individual connection.** All wiring must be enclosed in appropriately sized conduit. No direct bury cable will be allowed. The grinder pump station requires a 240 V single-phase electrical



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service and should be connected to the property owner's electrical service panel using a 30 Amp circuit breaker. The following distance limitations (measured from the electrical service panel to the grinder pump station) for wire sizing are as follows:

0'-200' = 3 - No. 10 wire w/No. 12 ground - installations in excess of 200' should have appropriate wire sizing determinations made by a licensed electrician.

The homeowner or a licensed electrician can be used to perform the appropriate installation of this electrical work and an inspection of the finished product must be performed by the Building Department. Following the Building Department's approval of the electrical service connection, the property owner can engage a sewer lateral contractor to complete their connection to the grinder pump station. This electrical work can be done in conjunction with the sewer lateral installation activities, but again must be inspected and approved by the Building Department prior to the final connection of the sewer facilities.

14. The District requires the installation of a Backwater Check Valve on service laterals connecting to grinder pump stations. Each backwater check valve shall be 4" in diameter for installation in the 4" gravity service lateral of individual connections. Each valve shall have bell ends with suitable groove 'O' ring gasket weighted removable flapper, self-lubricating hinge and a screw type removable inspection cover. The valve housing screw type lid shall be replaceable ribbed neoprene gasket of watertight construction. The flapper shall be replaceable and weighted with a lead slug to avoid floating. **District will provide a backwater check valve to each structure ordered to connect to grinder pump stations in new service areas.** Connections made to or with grinder pump stations post project will be required to provide for their own backwater check valves.
15. Existing on-site, septic systems shall be removed from service in accordance with the procedures and standards of the Allen County Department of Health (DOH) or per ISDH 410 IAC 6-8.2-86. The contents of the septic tank to be decommissioned are to be disposed of by a licensed waste hauler and are in no event to be discharged directly to the new sewers recently installed in your area. City and District Sewer Use Ordinances prohibit this septic discharge to new sanitary sewers. Also as of March 1, 2012, the DOH requires a permit coupled with an inspection to abandon the user's existing onsite system following their connection to the new sewers. The permit can be obtained from the DOH, 200 East Berry Street, Suite 360 or via their website at [www.allencountyhealth.com](http://www.allencountyhealth.com) and costs \$65. More information regarding this permit requirement can be obtained by contacting the DOH at (260) 449-7530.