

## GENERAL NOTES

### FOR SANITARY SEWER CONSTRUCTION IN THE FOX METRO WATER RECLAMATION DISTRICT

1. All sanitary sewer construction shall be performed in accordance with the “Fox Metro Water Reclamation District Sewer Use Ordinance No. 800, the “Standard Specifications for Water and Sewer Main Construction in Illinois”, and “77 Illinois Administrative Code, part 890, Illinois Plumbing Code”, latest edition.
2. Final approved set of plans and specifications must be kept on the job site. Failure to comply with this provision may result in a fine and/or be considered cause to stop the job.
3. The sanitary sewer contractors for all sanitary sewer main extension projects shall notify the Fox Metro Water Reclamation District’s Engineering Department two (2) working days prior to start of work. Notification shall be done via telephone at (630) 301–6882, and fax at (630) 892–4394 to the Engineering Department. For service connections, call 24 hours in advance to schedule an inspection at (630) 301-6811.
4. To prevent any possible infiltration or inflow from entering the existing downstream sanitary system, a factory–made plug shall be placed in the manhole by the contractor, as indicated on the final approved plans. The placement of the plug(s) should not interrupt the service of any user of the Fox Metro Water Reclamation District sewer systems. This plug is to be removed only upon approval by the Engineering Department, and only after any accumulated water and/or construction drainage has been properly removed. Under no circumstances is new construction to be allowed to drain into the existing system.
5. All sanitary sewers shall be tested in accordance with Section 31–1.11 of the “Standard Specifications for Water and Sewer Main Construction in Illinois”. In addition, all manholes shall be vacuum tested (Manhole testing will be in accordance with ASTM-1244-93 or in accordance with Fox Metro W.R.D. requirements. In case of testing specification conflict, where deeper manholes are constructed, the more stringent requirement will apply.
6. When connecting to an existing sanitary main when a tee or wye is not provided, an “*Inserta Tee*” fitting must be installed. The minimum distance between fittings is 4 feet center to center. Disruption of any existing sanitary main by breaking or cutting in a wye/tee is prohibited unless the existing main is cracked or broken at the point of connection. A representative of the City or Village shall determine the existing main repair or replacement required on a case by case basis prior to connection, construction or installation.
7. “Adaptor-Seal”, “Infi–Shield”, “Canusa (Wrapid Seal)”, “FlexRib” or approved equal chimney seals shall be installed on all manholes and grease traps. No unapproved seal shall be installed in the District.
8. Only PVC transition fittings shall be used in all new construction when joining PVC pipes of different outside diameter. Refer to Fox Metro “Manhole/Sewer Pipe Specifications” for information relating to repairs of mains damaged during construction.

9. All existing sanitary interceptor (mains 15" in diameter or greater) manhole frames located within any proposed development will be required to be adjusted to grade. Under no circumstances may the amount (two total) of adjusting rings exceed 8 inches (see our type A manhole detail). Extreme care should be taken when working near all sanitary manholes.
10. Cast iron clean-out covers are required for all sewer services that are proposed in paved areas (see Fox Metro Manhole/Sewer Pipe Specifications).
11. Ductile iron and cast iron pipe is not allowed for the use of gravity sewers in the Fox Metro Water Reclamation District. Ductile iron or cast iron pipe may be used in the construction of "casings" or "sleeves" around PVC carrier pipes, as well as in the construction of pump station piping and force mains.
12. Landscaping within any Fox Metro easement is prohibited without review and subsequent plan approval. It is vital for all Fox Metro personnel to be able to access the entire length of any interceptor easement for the purpose of maintaining the integrity of the sanitary sewer system.
13. When the developer desires gravity sanitary service connections, all sanitary risers shall be required to be constructed to a depth of no greater than nine (9) feet deep. In the event the developer proposes all overhead or "hung" sewers, said sewer risers shall be constructed to a depth of no greater than 7' feet deep (or as shallow as possible in order to avoid conflict issues). If a conflict arises, Illinois EPA water & sewer separation requirements take precedence over Fox Metro's maximum riser depth requirements.
14. Whether any grease trap is newly constructed or "retrofitted" to an existing building, all Fox Metro guidelines pertaining to minimum slope and cover depth for sanitary construction shall be strictly adhered to. Refer to applicable Fox Metro specifications and construction details for specific information.