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GENERAL NOTES  
FOR SANITARY SEWER CONSTRUCTION IN 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. 885”, 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 do this may result in a fine and/or be considered cause to stop the job.
3. Contractors for all sanitary public sewer extension projects shall notify the District’s Engineering Department twenty-four (24) hours prior to the start of work. Notification shall be done via telephone at (630) 301-6882, or by email at [submittals@foxmetro.org](mailto:submittals@foxmetro.org).
4. For service connection inspections, call 630-301-6811 by 3:00 p.m. the day prior to the requested inspection time.
5. To prevent any possible infiltration, inflow or debris from entering the 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) shall not interrupt the service of any user. This plug is to be removed only upon approval by the District or the city/village, and only after any construction drainage and/or debris has been properly removed. Under no circumstances is overland surface drainage allowed to drain into the sanitary system.
6. All sanitary sewers shall be tested in accordance with Section 31-1.12 of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, including all manholes shall be vacuum tested (manhole testing will be in accordance with ASTM-1244-93 or in accordance with District requirements). In case of testing specification conflict, where deeper manholes are constructed, the more stringent requirement will apply.
7. When connecting to an existing public sewer where a tee or wye is not provided, an “*Inserta Tee*” fitting must be installed. The minimum distance between fittings is four (4) feet center to center.

8. Installation of a tee/wye on an existing main is prohibited. The angle of any new connection shall not exceed 1/1 or 45 degrees.
9. Only "Infi-Shield", "Adaptor-Seal", Cretex X-85, and "Wrapid Seal" or approved equal chimney seals shall be installed on all manholes.
10. Only PVC transition fittings shall be used in all new construction when joining PVC pipes which are damaged, disturbed during construction or have different outside diameters. Refer to Fox Metro "Manhole/Sewer Pipe Specifications" for information relating to repairs of mains damaged during construction.
11. All existing sanitary interceptor (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 vertical height of the adjusting rings exceed eight (8) inches (two total). Extreme care should be taken when working near all sanitary manholes.
12. Approved cast iron or concrete cleanout enclosures are required over the top of all cleanout covers in areas deemed necessary by the District.
13. Ductile iron and cast iron pipe are not allowed for the use of gravity sewers in the District.
14. Landscaping within any District easement is prohibited without review and subsequent plan approval.
15. District easements shall be graded so that the ground surface does not exceed a six (6) percent gradient in all directions.
16. All building drains/sewers shall be overhead or "hung" through the basement wall of any new building.
17. All sanitary risers shall be required to be constructed to a depth of no greater than six (6) to seven (7) feet at the right of way. If a conflict arises between a sanitary sewer and a water line, IEPA water & sewer separation requirements take precedent.
18. Whether any grease removal system is newly constructed or "retrofitted" to an existing building, a minimum of 1% slope and 3.5' of cover for pipes are required.
19. Minimum design slopes shall be 1.00% for six (6) inch building sewers, .40% for eight (8) inch sewers, and .28% for ten (10) inch sewers with all other design slopes conforming to the requirements of the "Standard Specifications for Water and Sewer Main Construction in Illinois".
20. All manhole barrel sections (including those sections of existing manholes which have been exposed during construction) shall be required to be externally sealed

with a \*6" or \*\*9" wide (min.) wrap meeting the requirements of ASTM C-877, \*\*type II or \*type III.

21. All sags, leaks, pipe defects, or other related issues with any newly televised sanitary sewer shall be repaired by the contractor at the discretion of the District. Approval of repairs will need to be confirmed in writing by the appropriate municipality, or re-televised by the District. At the District's discretion, connection permits may be withheld if confirmation of completed repairs cannot be obtained.
22. Any contractor, who consistently fails to perform in accordance with the District's standards and specifications as provided on the plans, may be prohibited from performing work in the District. The District reserves the right to revoke or disallow any contractor's bond.
23. The District shall televise all sewers eight (8) inches in diameter or greater. In order to access each manhole, the developer is responsible for providing a smooth, level area of sufficient width along the sanitary sewer system.
24. During televising, if any newly constructed public sewer requires "heavy cleaning", additional charges may be incurred by the developer.
25. Full-sized cleanouts are required on all building sewers.