

## **GENERAL NOTES FOR SANITARY SEWERS**

1. Any modification of the work as shown on these drawings must have prior written approval by the Hilliard City engineer and the Administrator, Division of Sewerage and Drainage, City of Columbus.
2. Roof drains, foundation drains and other clean water connections to the sanitary sewer system are prohibited.
3. Temporary bulkheads shall be placed where indicated on the plans and shall remain in place until the City Engineer directs removal.
4. All A.B.S. composite wall sewer pipe wye fittings shall have a two-foot (minimum) service extension installed prior to the service being capped and backfill being placed over the mainline sewer.
5. Service risers, COLS Item 914, shall be installed where depths from the wyes to the existing or proposed ground elevation exceed 10 feet. The tops of risers shall be 9 feet +/- below the existing or proposed surface elevation. Whichever is higher.
6. The Contractor shall furnish and place as directed, approved wye poles made of 2"x2" lumber at all wye locations, ends of services, or at the end of each riser where risers are required. Wye poles shall be visible for each wye before acceptance by the City. The cost of these poles shall be included in the price bid for the various sewer items.
7. All PVC sewer lines shall be deflection tested after installation, in accordance with the requirements of Item 901 of the City of Columbus, Construction and Material Specifications, Current Edition, and any supplements thereto.
8. Upon completion of construction for each phase of sanitary sewer work, the Developer, through its Engineer, shall furnish the City Engineer a tabulation of structure numbers, the elevation of the top of casting as proposed on the plans, and the elevation of the top of casting, as built. The City Engineer will determine adjustments, if any, that are necessary and all necessary adjustments shall be done prior to submittal of "as built" drawings.
9. The original tracings, revised "as built", and two sets of prints shall be given to the City prior to any tap permits being issued, or acceptance by the City for the one year maintenance period. The information shown on the "as built" plans shall be from field measurements. Wye locations and the distance between manholes, for each section of sewer, shall be shown as measured from the nearest downstream manhole. Top of casting elevations for all manholes and any variance in the horizontal location of the sewer from that shown on the approved plans, shall be shown.
10. After sewers have been cleaned, passed all tests, and before acceptance, all main line sewers shall be video taped on CD or DVD with a notation of manhole numbers, an accurate distance between manholes and location of all wye branches from the nearest downstream manhole shall be shown on the tapes. Copies of the tapes shall be given to the City Engineer prior to acceptance of the sewers.