


SANITARY SEWER

1. ROOF DRAINS, FOUNDATION DRAINS OR OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE STRICTLY PROHIBITED.
2. FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE REPLACED OR CONNECTED TO THE STORM SEWER SYSTEM.
3. SANITARY MANHOLES SHALL BE PRE-CAST CONCRETE CONFORMING TO ASTM C-478 OR MONOLITHIC CONSTRUCTED OF CLASS "C" 4,000 PSI CONCRETE. PROVIDE WITH KOR -N-SEAL OR APPROVED EQUAL WATER TIGHT MANHOLE PIPE CONNECTION.
4. JOINTS BETWEEN PRE-CAST MANHOLE SECTIONS SHALL CONFORM TO ASTM C-443.
5. SANITARY SEWER MANHOLES SHALL BE CHanneled AS PART OF THE MANUFACTURING PROCESS WHENEVER POSSIBLE. WHEN NOT, CHANNELS SHALL BE FIELD CONSTRUCTED USING CLASS "C" CONCRETE, NON-SHRINK GROUT, OR AS APPROVED BY THE ENGINEER.
6. CONTRACTOR SHALL NOT MAKE CONNECTION TO THE EXISTING SANITARY SEWER UNTIL THE NEW SEWER HAS BEEN INSPECTED, TESTED AND RELEASED. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PROTECT THE SEWER FROM GROUND WATER, SURFACE WATER, MUD, ANIMALS AND ANY OTHER DEBRIS ENTERING THE NEW AND EXISTING SANITARY SEWER SYSTEM.
7. SANITARY SEWER BEDDING SHALL BE 75-100% CRUSHED NO. 8'S.
8. SANITARY SEWER LATERAL BEDDING SHALL BE 75-100% CRUSHED NO. 8'S.
9. SEE FAIRBORN ENGINEERING STANDARDS FOR TRENCHING BACKFILL AND OTHER DETAILS.
10. APPROVED MATERIALS:
 - A) PVC PIPE SHALL CONFORM TO ASTM D-3034
 - B) PVC JOINTS TO ASTM D-3034 AND D-2312.
10. SEWER LATERAL CONNECTIONS SHALL BE MADE TO THE MAIN USING A WYE. CONNECTIONS TO EXISTING SEWERS, AS APPROVED BY THE ENGINEER, SHALL BE WITH AN APPROVED TAPPING SADDLE AND HOLE CUT WITH AN APPROVED TAPPING MACHINE/DEVICE.
11. SANITARY LATERALS SHALL BE CONSTRUCTED WITHOUT THE USE OF 90° BENDS AND HAVE A CLEANOUT AT 100' INTERVALS. 90° DEFLECTIONS SHALL BE ACCOMPLISHED USING TWO 45° FITTINGS WITH A MINIMUM 1' SEPARATION.
12. CONTRACTOR IS RESPONSIBLE FOR TELEVIEWING AND RECORDING ALL PIPE INTERIOR. PROVIDE AN ELECTRONIC COPY OF THE INSPECTION TO THE ENGINEERING DIVISION.
13. ALL EXISTING MANHOLES SHALL BE CORED.
14. TESTING OF MAINS, LATERALS & MANHOLES:
 - A) SANITARY SEWER MAINS AND LATERALS SHALL BE AIR TESTED AT 3.5 PSI. SEE ENGINEERING STANDARDS FOR DETAILS.
 - B) SANITARY SEWER PVC MAINS SHALL BE TESTED FOR DEFLECTION PER SPECIFICATION. SEE ENGINEERING STANDARDS FOR DETAILS.
 - C) MANHOLES, FROM TOP OF CASTING, SHALL BE VACUUM TESTED. SEE ENGINEERING STANDARDS FOR DETAILS.

 FAIRBORN A CITY IN MOTION	GENERAL SANITARY NOTES			DWG NO: SS-1.0												
	<small>NOTE 1: DRAWING VALID ONLY WHEN USED AS SHOWN AND IN CONJUNCTION WITH OTHER FAIRBORN ENGINEERING SPECIFICATIONS AND/OR DETAILS. THIS DRAWING REPRESENTS MINIMUM STANDARDS. ANY MODIFICATIONS TO THIS DETAIL SHALL FIRST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.</small> <small>NOTE 2: CALL THE FOLLOWING AGENCIES AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION: O.U.P.S. AT 8-1-1 AND O.A.G.P.U.P.S. AT (800) 925-0988</small>			ISSUE DATE:	03/14/2017											
			ENG'R:	MAJ												
			APPROVED:	DPO												
ENGINEERING DIVISION 44 W. HEBBLE AVENUE FAIRBORN, OHIO 45324 PH: (937) 754-3055 FX: (937) 879-7395			SCALE:	NONE												
			FILE:													
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