GENERAL NOTES

1. Underground facilities, structures, and utilities have been plotted from available surveys and drawings from various agencies. Threading the lines and installing the system must be considered a major risk to the life and safety of the public. The contractor shall be responsible for the protective actions recommended, approved by the Engineer, and noted on the plans and specifications. The Board of County Commissioners of Medina County and the Medina County Sanitary Engineering Department disclaims any responsibility for and assumes no control over the construction of any of the underground utilities or the existence of which is not presently known. The Board of County Commissioners of Medina County and the Medina County Sanitary Engineering Department expressly disclaims any responsibility for and assumes no control over the completeness of information given regarding existing underground utilities, structures, or the existence of which is not presently known.

2. The contractor shall confirm the insert locations of all existing sewer connections affected by the work prior to commencing work and report any findings to the engineer.

3. The contractor shall obtain highway use permits from the Medina County Highway Engineer prior to construction on township or county roads. The Medina County Sanitary Engineering Department will obtain O.D. O.T. permits for work in State of Ohio roads.

4. Work shall be limited to the right-of-way. All contractor's operations must be confined within the existing driveway (right of way) limits or existing easements acquired by the owner. Any additional construction or improvements required for completion of the project must be insured from the property owner by the contractor at his expense and in any additional cost to the owner.

5. Excavation for the project shall be executed on the project site as directed by the engineer, or exceedance should not be attempted by the contractor. Should the project site as directed by the engineer, the location of any underground utility lines must be protected at all times. It shall be the responsibility of the contractor to protect all existing utility lines, and to be fully aware of the conditions that may exist during the course of the project.

6. All utility services shall be maintained throughout the construction period.

7. All sanitary manholes shall be air tested per ASTM 367, 1993. "Field Method for Air Testing Manholes and Covers" and shall follow ANSI/A.W.W.A. C 651. The disinfection of water mains shall follow ANSI/A.W.W.A. C 600. All fittings to be mechanical joint. Resilient Wedge Gate Valves must be Mueller Class V (As listed in Table 15.2.4-2) or equivalent. All construction equipment shall be equipped with "Ten State Standards" section 33.95 and ASTM A 3034 52 galvanized pipe and ASTM A 12454A, ASME 304 stainless steel pipe. Polyethylene Encasement for mechanical joints, restrained mechanical joints, or where required, shall be polyethylene encased. Polyethylene Encasement: UNI-FLANGE 1300 restrainer glands or approved equal must be used (see Table 15.2.4-2). All bends, tees, crosses, valves, hydrants, and appurtenances, shall be approved by the engineer and shall follow ANSI/A.W.W.A. C 651. These fittings and appliances shall be connected to the main or branch lines in accordance with the direction of the engineer or as directed by the engineer.

8. The contractor shall submit shop drawings for approval prior to any proposed changes or modifications to any sanitary sewer, or any sanitary connections.

9. The contractor shall verify all dimensions and conditions relative to existing construction, existing services, temporary service, and site information. The contractor shall be responsible for the design, installation, and final clearance of all required needling, underdrainage, sealing, or bracing of existing structures.

10. The engineer of the contractor is required to document any spring, water seepage or water encountered, or where different bearing material exists, and there is a question of the bearing capacity.

11. Sewer connections shall be made only at the end of work as follows: the end of pipe, or joint, or at the end of pressure main and any appurtenances in the direction of downstream. The contractor shall, within forty-eight (48) hours, excluding Saturdays, Sundays, and legal holidays, after job is completed, call for an inspection, mark or otherwise designate the location of any underground utility lines in the construction area in such a manner as to indicate the work done together with the approximate depth at which it was installed. The notification of the owner of any such alteration within 48 hours of the job being completed shall be made to the engineer and the owner of the property. The contractor shall submit shop drawings for approval prior to any proposed changes or modifications to any sanitary sewer, or any sanitary connections.

12. Any and all claims against the owner or right of information of the bid after the public opening of the bid.

13. The contractor shall assume full responsibility for the accuracy and completeness of information given regarding existing underground utilities, structures, or the existence of which is not presently known.

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