



ALL MATERIAL MUST BE "MADE IN USA".

**NO SCALE**

**NOTES:**

1. WATER FOR ALL FILLING, TESTING AND CHLORINATING SHALL BE DRAWN FROM THE VILLAGE'S SYSTEM AT THE PROPOSED POINT OF CONNECTION. FLUSHING SCHEDULE SHALL BE SUBJECT TO VILLAGE WATER DEPARTMENT'S REVIEW AND APPROVAL. VILLAGE OF NEW LENOX WATER DEPARTMENT MUST BE NOTIFIED 48 HOURS IN ADVANCE. VILLAGE OF NEW LENOX WATER DEPARTMENT TO OPERATE VALVES ONLY.
2. MAINS SHALL BE PRESSURE TESTED AT A MAXIMUM PRESSURE OF 150 PSI FOR 2 HOUR AND SHALL NOT EXCEED THE ALLOWABLE LEAKAGE WITH AWWA C600 AND AWWA C603. A REPRESENTATIVE OF THE WATER DEPARTMENT OR ENGINEERING DEPARTMENT MUST BE PRESENT. VILLAGE OF NEW LENOX WATER DEPARTMENT TO OPERATE VALVES ONLY.
3. FILLING AND THE FLUSHING OF WATER MAINS TO BE DONE BY THE VILLAGE OF NEW LENOX WATER DEPARTMENT ONLY.
4. NO CHAINS SHALL BE USED DURING THE INSTALLATION OF THE PROPOSED WATER MAIN. NYLON STRAPS SHALL BE UTILIZED INSTEAD. ANY PIPE THAT IS SCRATCHED DURING INSTALLATION SHALL BE SPRAYED WITH A DIALECTRIC UNDERCOATING PAINT.
5. RESTRAINED JOINT PIPE SHALL BE USED THROUGH ALL CASING.
6. TO ENSURE CLEANLINESS IN THE WATER MAIN PIPE STAGED ABOVE GROUND ON THE JOB-SITE, THE VILLAGE ENGINEER MAY DIRECT THE CONTRACTOR TO INSTALL WATER TIGHT PLUGS ON ALL PIPE.
7. WATER MAINS SHALL BE FLUSHED AND THEN DISINFECTED BY CONTINUOUS FEED METHOD PER ARTICLE 41-2.14 OF THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, FIFTH EDITION. CHLORINE SHALL BE INTRODUCED INTO NEW MAIN THROUGH A CORPORATION. APPLICATION BY GAS OR SODIUM HYPOCHLORITE ONLY ALLOWED. A 3.0 FT/SECOND FLUSHING VELOCITY IS REQUIRED.
8. 16-INCH AND LARGER MAINS SHALL INCLUDE RESTRAINED JOINT PIPE FOR THREE PIPE LENGTHS FROM EACH DIRECTIONAL CHANGE (I.E. BENDS, ELBOWS).
9. BRASS WEDGES SHALL BE INSTALLED AT ALL JOINTS. 2 WEDGES AT THE 2 AND 10 O'CLOCK POSITION, OR 3 AND 9 O'CLOCK POSITION.

**VILLAGE OF NEW LENOX  
STANDARD DETAIL  
FOR  
WATER MAIN  
INSTALLATION**

REV:	4
DATE:	MAY 2025
FILE:	WATER\WMI