



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, USING THE VILLAGE'S METERING EQUIPMENT. THIS EQUIPMENT SHALL BE AVAILABLE FROM THE VILLAGE AFTER A 48-HOUR PRIOR NOTICE. EQUIPMENT SHALL BE RETURNED TO THE VILLAGE IMMEDIATELY UPON COMPLETION OF THE TEST, WHETHER SUCCESSFUL OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 2-INCH FLARED CORPORATION ON NEW MAIN TO CONNECT WITH VILLAGE'S EQUIPMENT. FLUSHING SCHEDULE SHALL BE SUBJECT TO VILLAGE WATER DEPARTMENT'S REVIEW AND APPROVAL

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. IF MAINS TO BE TESTED INCLUDE CONCRETE THRUST BLOCKING, DO NOT BEGIN TEST UNTIL AT LEAST 5 DAYS AFTER THE INSTALLATION OF THE THRUST BLOCKING.

3. 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.

4. RESTRAINED JOINT PIPE SHALL BE USED THROUGH ALL CASING.

5. WATER MAINS SHALL BE FLUSHED AND THEN DISINFECTED BY DRY GAS FEED OF CHLORINE 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 2-INCH CORPORATION, VILLAGE'S RPZ, AND EXISTING HYDRANT. IF NO HYDRANT IS AVAILABLE, A SECOND 2-INCH CORPORATION ON THE EXISTING MAIN WILL BE USED.

6. 16-INCH AND LARGER MAINS SHALL INCLUDE RESTRAINED JOINT PIPE FOR THREE PIPE LENGTHS FROM EACH DIRECTIONAL CHANGE (I.E. BENDS, ELBOWS).

7. BRONZE WEDGES SHALL BE INSTALLED AT ALL JOINTS.

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

REV:	2
DATE:	AUGUST 2014
FILE:	WATER/WMI