| Contracto | r's Material and Test Certificate for U | nderground Pipir | ıg | | | | |
|------------------------------|--|---|---------------------------|---------------------|--|--|--|
| | of work, inspection and tests shall be made by the contractor's repre defects shall be corrected and system left in service before contrac | | | | | | |
| contractor. It is un | pe filled out and signed by both representatives. Copies shall be prederstood the owner's representative's signature in no way prejudice allure to comply with approving authority's requirements or local ord | s any claim against contractor f | | poor | | | |
| Property name | | Date | | | | | |
| Property address | 11 1 2 10 1 2 W 2 2 1 W 11 1 1 2 2 2 1 1 1 1 1 1 | | | | | | |
| Plans | Accepted by approving authorities (names) | | | | | | |
| | Address | | | - | | | |
| | Installation conforms to accepted plans | | Yes | ☐ No | | | |
| | Equipment used is approved If no, state deviations | Yes | ☐ No | | | | |
| Instructions | Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance of this new equipment? If no, explain | | | ☐ No | | | |
| | Have copies of appropriate instructions and care and maintenance charts been left on premises? If no, explain | е | Yes | □ No | | | |
| Location | Supplies buildings | *************************************** | | | | | |
| | Pipe types and class | Type joint | | | | | |
| 3 | Pipe conforms to standard | L | Yes | □ No | | | |
| Underground pipes and joints | Fittings conform to standard | | Yes | □ No | | | |
| | Joints needing anchorage clamped, strapped, or blocked in | *************************************** | Yes | ☐ No | | | |
| | accordance with standard If no, explain | | | | | | |
| Test description | Flushing: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 390 gpm (1476 L/min) for 4 in. pipe, 880 gpm (3331 L/min) for 6 in. pipe, 1560 gpm (5905 L/min) for 8 in. pipe, 2440 gpm (9235 L/min) for 10 in. pipe, and 3520 gpm (13,323 L/min) for 12 in. pipe. When supply cannot produce stipulated flow rates, obtain maximum available. Hydrostatic: All piping and attached appurtenances subjected to system working pressure shall be hydrostatically tested at 200 psi (13.8 bar) or 50 psi (3.5 bar) in excess of the system working pressure, whichever is greater, and shall maintain that pressure \pm 5 psi (0.35 bar) for 2 hours. Hydrostatic Testing Allowance: Where additional water is added to the system to maintain the test pressures required by 10.10.2.2.1, the amount of water shall be measured and shall not exceed the limits of the following equation (For metric equation, see 10.10.2.2.6): $L = \frac{SD\sqrt{P}}{148,000}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ $L = \text{testing allowance (makeup water), in gallons per hour}$ | | | | | | |
| Flushing tests | New underground piping flushed according to standard by (company) If no, explain | | Yes | ☐ No | | | |
| | How flushing flow was obtained Public water Tank or reservoir Fire pump | Through w | vhat type opening Open | | | | |
| | Lead-ins flushed according to standard to | by (company) | Yes | □ No | | | |
| | How flushing flow was obtained | | what type opening | | | | |
| | Public water Tank or reservoir Fire pump | Y connection to flange and spigot | Open | • | | | |
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| Hydrostatic test | All new underground piping hydrostatically tested at | | Joints co | Joints covered | | | | | |
|--|---|---------------------------|--|----------------|-------------------------|------|--|--|--|
| | psi | for | hours | | Yes | ☐ No | | | |
| Leakage test | Total amount of leakage measured gallons hours Allowable leakage | | | | | | | | |
| | gallons | | hours | | | | | | |
| Hydrants | Number installed | Type and make | 3- | All operate | e satisfactorily Yes | ☐ No | | | |
| Control valves | Water control valves left wide open If no, state reason Hose threads of fire department connections and hydrants interchangeable with those of fire department answering alarm | | | | | | | | |
| Remarks | Date left in service | | | | | | | | |
| | | Hamiles Helling Local Co. | | | 1801 | | | | |
| | Name of installing contractor | | | | | | | | |
| | Tests witnessed by | | | | | | | | |
| Signatures | For property owner (signed) | | Title | | Date | | | | |
| | For installing contractor (signe | d) | Title | _ = 51183 | Date | | | | |
| Additional explanation and notes | | | | | | | | | |
| | | | | | | | | | |
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