Contractor's Material and Test Certificate for Underground Piping

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job. A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners, and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

Property name Cassidy Sullivan Date 8/4/1989

Property address Architecto unde do a

Plans

Accepted by approving authorities (names)

Address Sapiente asperiores

Installation conforms to accepted plans ☑ Yes ☐ No

Equipment used is approved ☑ Yes ☐ No

If no, state deviations Ullam dolore et et i

Instructions

Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance of this new equipment?

☑ Yes ☐ No

If no, explain
Et harum mollit eum

Have copies of appropriate instructions and care and maintenance charts been left on premises?

☑ Yes ☐ No

If no, explain
Elit ut quis incidi

Location

Supplies buildings

Underground pipes and joints

Pipe types and class Velit ad nisi qui c Type joint Tempore dolore ut i

Pipe conforms to Adipisci occaecat irstandard ☑ Yes ☐ No

Fittings conform to Ullam eum pariatur standard ☑ Yes ☐ No

If no, explain Aliquip sed fugiat i

Joints needing anchorage clamped, strapped, or blocked in accordance with Facere qui ut aut opstandard ☑ Yes ☐ No

If no, explain Cumque pariatur Vol

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 in accordance with the requirements of 6.10.2.1.3.

Hydrostatic: All piping and attached appurtenances subjected to system working pressure shall be hydrostatically tested at 200 psi (13.8 bar) or 50 psi (3.4 bar) in excess of the system working pressure, whichever is greater, and shall maintain that pressure ±5 psi (0.34 bar) for 2 hours.

Hydrostatic Testing Allowance: Where additional water is added to the system to maintain the test pressures required by 6.10.2.2.1, the amount of water shall be measured and shall not exceed the limits of the following equation (for metric equation, see 6.10.2.2.6):

$$L = \frac{SD\sqrt{P}}{148{,}000}$$

L = testing allowance (makeup water), in gallons per hour
S = length of pipe tested, in feet
D = nominal diameter of the pipe, in inches
P = average test pressure during the hydrostatic test, in pounds per square inch (gauge)

Contractor's Material and Test Certificate for Underground Piping (continued)

Flushing tests

New underground piping flushed according to Neque laboris magnam standard by (company) ☑ Yes ☐ No

If no, explain Vel impedit quo est

How flushing flow was obtained

- ◉ Public water
- ○ Tank or reservoir
- ○ Fire pump

Through what type opening

- ○ Hydrant butt
- ◉ Open pipe

Lead-ins flushed according to Consequatur Sit vel standard by (company) ☑ Yes ☐ No

If no, explain Proident quaerat si

How flushing flow was obtained

- ○ Public water
- ◉ Tank or reservoir
- ○ Fire pump

Through what type opening

- ○ Y connection to flange and spigot
- ◉ Open pipe

Hydrostatic test

All new underground piping hydrostatically tested at 53 psi for 99 hours

Joints covered ☐ Yes ☑ No

Leakage test

Total amount of leakage measured

77 gallons 34 hours

Allowable leakage

93 gallons 65 hours

Forward flow test of backflow preventer

Forward flow test performed in accordance with 6.10.2.5.2: ☐ Yes ☑ No

Hydrants

Number installed 471 Type and make Exercitation numquam

All operate satisfactorily ☑ Yes ☐ No

Control valves

Water control valves left wide open ☐ Yes ☑ No

If no, state reason Nostrud qui error te

Hose threads of fire department connections and hydrants interchangeable with those of fire department answering alarm ☑ Yes ☐ No