



FIRE PROTECTION BUREAU – PLAN REVIEW

PO Box 42642

Olympia WA 98504-2642

(360) 596-3900 FAX: (360) 596-3934




CONTRACTORS' MATERIALS AND TEST CERTIFICATE FOR PRIVATE FIRE SERVICE MAINS

PROCEDURE

Upon completion of work, inspection and test 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 Cascade Christian Jr High		DATE 12/21/20
PROPERTY ADDRESS 811 21st ST SE, Puyallup WA 98372		
PLANS	ACCEPTED BY APPROVING AUTHORITIES (NAMES) City of Puyallup	
	ADDRESS 333 S Meridian, Puyallup, WA	
	INSTALLATION CONFORMS TO ACCEPTED PLANS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	EQUIPMENT USED IS APPROVED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IF NO, STATE DEVIATIONS:		
INSTRUCTIONS	HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
	IF NO, EXPLAIN:	
LOCATION	SUPPLIES BUILDINGS New Gym	
	PIPE TYPES AND CLASS 6" Ductile Iron	TYPE JOINT Tyton Joint
PIPES AND JOINTS	PIPE CONFORMS TO <u>ANSI / AWWA C150</u> STANDARD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	FITTINGS CONFORM TO <u>ANSI/AWWA C110</u> STANDARD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	IF NO, EXPLAIN:	
	BURIED JOINTS NEEDING ANCHORAGE CLAMPED, STRAPPED, OR BLOCKED IN ACCORDANCE WITH <u>ANSI/AWWA C111</u> STANDARD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IF NO, EXPLAIN Field locking Gaskets "sure stop 350 gasket"		
TEST DESCRIPTION	<b>FLUSHING:</b> 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-inch pipe, 610 gpm (2309 L/min) for 5-inch pipe, 880 gpm (3331 L/min) for 6-inch pipe, 1560 gpm (5905 L/min) for 8-inch pipe, 2440 gpm (9235 L/min) for 10-inch pipe, and 3520 gpm (13323 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rate, obtain maximum available.	
	<b>HYDROSTATIC:</b> Hydrostatic tests shall be made at not less than 200 psi (13.8 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.3 bars) for two hours. <b>LEAKAGE:</b> New pipe laid with rubber gasketed joints shall, if the workmanship is satisfactory, have little or no leakage at the joints. The amount of leakage at the joints shall not exceed 2 qts. per hr. (1.89 L/h) per 100 joints, irrespective of pipe diameter. The amount of allowable leakage specified above may be increased by 1 fl oz. per in. valve diameter per hr. (30 mL/25 mm/h) for each metal-seated valve isolating the test section. If dry barrel hydrants are tested with the main valve open, so the hydrants are under pressure, an additional 5 oz. per minute (150 mL/min) leakage is permitted for each hydrant.	
FLUSHING TESTS	NEW PIPING FLUSHED ACCORDING TO <u>City Puyallup</u> STANDARD BY <u>RPD</u> (company) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
	IF NO, EXPLAIN: Per City of Puyallup Standard	
	HOW FLUSHING FLOW WAS OBTAINED: <input checked="" type="checkbox"/> PUBLIC WATER <input type="checkbox"/> TANK OR RESERVOIR <input type="checkbox"/> FIRE PUMP	THROUGH WHAT TYPE OPENING: <input type="checkbox"/> HYDRANT BUTT <input checked="" type="checkbox"/> OPEN PIPE
	LEAD-INS FLUSHED ACCORDING TO _____ STANDARD <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
	HOW FLUSHING FLOW WAS OBTAINED: <input checked="" type="checkbox"/> PUBLIC WATER <input type="checkbox"/> TANK OR RESERVOIR <input type="checkbox"/> FIRE PUMP	THROUGH WHAT TYPE OPENING: <input type="checkbox"/> Y CONNECTION TO FLANGE & SPIGOT <input checked="" type="checkbox"/> OPEN PIPE

<b>HYDROSTATIC TEST</b>	ALL NEW PIPING HYDROSTATICALLY TESTED AT <u>200</u> PSI FOR <u>2</u> HOURS			BURIED JOINT COVERED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	TOTAL AMOUNT OF LEAKAGE MEASURE NO LEAKAGE ALLOWED FOR VISIBLE JOINTS <u>0</u> GALS. <u>2</u> HOURS			
<b>LEAKAGE TEST</b>	ALLOWABLE LEAKAGE (BURIED) NO LEAKAGE ALLOWED FOR VISIBLE JOINTS <u>0</u> GALS. <u>2</u> HOURS			
	<b>HYDRANTS</b>	NUMBER INSTALLED <u>0</u>	TYPE AND MAKE	ALL OPERATED SATISFACTORILY <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>CONTROL VALVES</b>	WATER CONTROL VALVES LEFT WIDE OPEN <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
	IF NO, STATE REASON: the valve in the hot box is closed closest to the new gym.			
	HOSE THREADS OF FIRE DEPARTMENT CONNECTION AND HYDRANTS INTERCHANGEABLE WITH THOSE OF FIRE DEPARTMENT ANSWERING ALARM <input type="checkbox"/> YES <input type="checkbox"/> NO			
<b>REMARKS</b>	DATE LEFT IN SERVICE <u>12/21/20</u>			
	ADDITIONAL COMMENTS			
<b>SIGNATURES</b>	NAME OF INSTALLING CONTRACTOR Rickabaugh Pentecost Development working for Absher			
	<b>TESTS WITNESSED BY</b>			
	FOR PROPERTY OWNER (SIGNED)		TITLE	DATE
	FOR INSTALLING CONTRACTOR (SIGNED) 		TITLE <u>pm</u>	DATE <u>12/21/20</u>
ADDITIONAL EXPLANATION AND NOTES Hot box to have heater installed currently sitting in bottom of hot box.				