

"STEM Bldg."



CITY OF PUYALLUP

Engineering Services

333 S Meridian, Puyallup, WA 98371
Tel: (253) 841-5568 Fax: (253) 840-6678
www.cityofpuyallup.org

UNDERGROUND FIRE LINE INSPECTION CHECKLIST

Permit Number: PRCCP20220770 Applicant: Absher Const.
Address: 1601 39th Ave SE Jeff Neil - (425) 765-7138
"Stem Bldg." Phone No: Tunista
Cody (360) 774-1750

3-23-23 - Begin Bldg Fire Riser (JL) 3-24-23 - Finish Fire riser install (JL)
Action: Approved Approved with corrections
Cover Inspection/Thrust Blocks Partial Approved Incomplete / Not Approved
 Not Ready / Canceled

5-18-23 all but 1 thrust blocks were poured (JL)
Hydro test 3 hydrants (passed) 7-20-23 (JL)
Action: Approved (JL) Approved with corrections
Hydrostatic Test 200lbs/2hrs (JL) 7-20-23 Partial Approved Incomplete / Not Approved
 Not Ready / Canceled

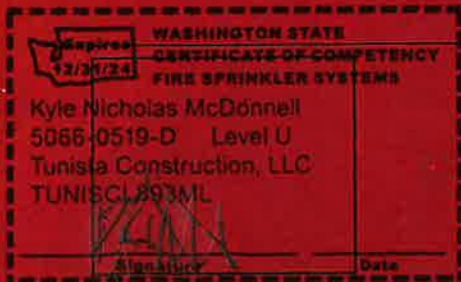
Hydro test fire line @ 200 psi for 2 hrs. (Passed) (JL) 8-8-23
Basket strainer was installed in bldg.
Action: Approved (JL) Approved with corrections
Flushing of Fire Line Partial Approved Incomplete / Not Approved
 Not Ready / Canceled
Failed due to existing debris in lines. 9-21-23 (JL) recommend basket strainer!

5-9-23 Tunista set the Fire vault Base (JL)
Action: Approved (JL) 8-27-24 Approved with corrections
Vault/DDCV/Tampers/Ladders Partial Approved Incomplete / Not Approved
5-17-23 DDCV was installed (JL) Not Ready / Canceled
5-10-23 vault mid section was set (JL) 5-18-23 Finish DDCV Plumbing (JL)

5-16-23 set PIV GV (JL)
Action: Approved (JL) 8-27-24 Approved with corrections
PIV and Tamper Partial Approved Incomplete / Not Approved
8-26-24 Breakaway lock installed (JL) Not Ready / Canceled
5-19-23 Finish PIV install (JL)

5-17-23 90° For riser was installed (JL)
Action: Approved (JL) 8-27-24 (JL) Approved with corrections
FDC/Locking Knox Cap/Signage? Partial Approved Incomplete / Not Approved
 Not Ready / Canceled
5-18-23 installed FDC riser (JL) 5-16-24 Bulldrip, drain rack, fabric (JL)

Action: Approved Approved with corrections
Final Fire Underground Partial Approved Incomplete / Not Approved
 Not Ready / Canceled



[Handwritten Signature]
Approved City Engineering Inspector

8-27-2024
Date

FDC was hit & needs to be re-hydrotest.

5.10.24 - JC - FDC Passed re-hydrotest.

5.16.24~~24~~ - JC - Ball drip, drain rock, & fabric was installed for the FDC

8.27.24 - JC - Tamper switches were tested by David D. on 8.26.24 (Passed)



FIRE PROTECTION BUREAU – PLAN REVIEW

PO Box 42600

Olympia WA 98504-2600

(360) 596-3911 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 <u>Pierce College Stem Bldg.</u>		DATE <u>8-26-24</u>	
PROPERTY ADDRESS <u>1601 39th Ave. SE</u>			
PLANS	ACCEPTED BY APPROVING AUTHORITIES (NAMES) <u>City of Puyallup</u>		
	ADDRESS <u>333 S. Meridian Fl. 2</u>		
	INSTALLATION CONFORMS TO ACCEPTED PLANS EQUIPMENT USED IS APPROVED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
	IF NO, STATE DEVIATIONS <u>N/A</u>		
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 <u>N/A</u>		
LOCATION	SUPPLIES BUILDINGS <u>Stem Bldg.</u>		
	PIPE TYPES AND CLASS <u>6" DI CL52</u>	TYPE JOINT <u>Restrained</u>	
PIPES AND JOINTS	PIPE CONFORMS TO <u>NFPA 24</u>	STANDARD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	FITTINGS CONFORM TO <u>AWWA C605</u>	STANDARD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	IF NO, EXPLAIN <u>N/A</u>		
	BURIED JOINTS NEEDING ANCHORAGE CLAPED, STRAPPED, OR BLOCKED IN ACCORDANCE WITH <u>NFPA 24</u> <u>AWWA C600</u>	STANDARD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IF NO, EXPLAIN <u>N/A</u>			
TEST DESCRIPTION	<p>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-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.</p> <p>HYDROSTATIC: 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.</p> <p>LEAKAGE: 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.</p>		
FLUSHING TESTS	NEW PIPING FLUSHED ACCORDING TO <u>AWWA C601</u>		STANDARD BY <u>Twiste/Alaska (company)</u>
	IF NO, EXPLAIN <u>N/A</u>		
	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 <u>AWWA C601</u>	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		

HYDROSTATIC TEST	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
	LEAKAGE TEST	TOTAL AMOUNT OF LEAKAGE MEASURE NO LEAKAGE ALLOWED FOR VISIBLE JOINTS <u>0</u> GALS. <u>2</u> HOURS		
ALLOWABLE LEAKAGE (BURIED) NO LEAKAGE ALLOWED FOR VISIBLE JOINTS <u>0</u> GALS. <u>2</u> HOURS				
HYDRANTS	NUMBER INSTALLED	TYPE AND MAKE		ALL OPERATED SATISFACTORILY
	<u>3</u>	<u>Dry Banned CO2 model 129S</u>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
CONTROL VALVES	WATER CONTROL VALVES LEFT WIDE OPEN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
	IF NO, STATE REASON <u>N/A</u>			
	HOSE THREADS OF FIRE DEPARTMENT CONNECTION AND HYDRANTS INTERCHANGEABLE WITH THOSE OF FIRE DEPARTMENT ANSWERING ALARM			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
REMARKS	DATE LEFT IN SERVICE <u>8-16-24</u>			
	ADDITIONAL COMMENTS <u>N/A</u>			
SIGNATURES	NAME OF INSTALLING CONTRACTOR			
	<u>Tunista Construction</u>			
	TESTS WITNESSED BY			
	FOR PROPERTY OWNER (SIGNED)	TITLE	DATE	
<u>R.A. Lem</u>	<u>Facilities Dir.</u>	<u>8/27/2024</u>		
FOR INSTALLING CONTRACTOR (SIGNED)	TITLE	DATE		
<u>[Signature]</u>	<u>Superintendent</u>	<u>8-26-24</u>		
ADDITIONAL EXPLANATION AND NOTES				

