
PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20162083, Public Works Infrastructure Permit - Commercial

WATER UTILITIES FACILITY

Address: 1200 SE HAMBLER RD, LEES SUMMIT, MO 64081

This work has been inspected and the inspection results noted below. Please call for re-inspection once all corrective actions have been completed. Do not cover any work until approved.

Inspection Item:

Inspection:	Inspector:	Outcome:	Date:
PW-Water Line - Valve	Brice Lawson	Partial	Wednesday, February 15, 2017

Informational

- 1 Brice Lawson 11/28/2016 11:40 AM
The 6" gate valves have been installed for the fire hydrants at STA. 6+50 and STA. 10+04.99.

Informational

- 2 Brice Lawson 02/15/2017 7:37 AM
I checked with Gene Williams to see if a 6" gate valve needs to be installed on the 6" fire line between the 4" domestic line and the backflow preventer. I explained that if in the future there is a problem with the backflow preventer that the domestic line would be taken out of service. He stated that the 6" gate valve does not need to be installed between the 4" domestic line and the backflow preventer.

PW-Fire Line Construction Inspection	Brice Lawson	Partial	Wednesday, February 15, 2017
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Informational

- 1 They installed approximately 50 ft of 6" fire line and 50 ft of 1" domestic copper covered with rock and backfilled. They also did approximately 50 more feet up to the fire hydrant. They left that open and were not going to backfill. Steve Robbins 11/23/2016 7:31 AM

Informational

- 2 Brice Lawson 11/23/2016 3:22 PM
She Digs It installed the 6" fire line from apprx. STA. 6+00 almost to STA. 9+85.16. This is just north of the 2nd 22.5 bend fitting.

Informational

3 Brice Lawson 11/30/2016 12:26 PM

I discussed with Gene Williams that the fire line and the domestic water line that goes to the building will be flip flopped. The 6" fire line will cross the 4" domestic line due to this change.

Informational

4 Brice Lawson 11/30/2016 12:28 PM

She Digs It installed approx 45' of 6" C900 waterline at the T at the connection near the backflow vault.

Informational

5 Brice Lawson 12/22/2016 3:03 PM

She Digs It installed approx. 100' of 6" C900 fire line towards the building from where they left off previously.

Informational

6 Brice Lawson 12/30/2016 3:12 PM

She Digs It installed the rest of the 6" C900 fire line to the building including the riser in the building. They installed the thrust blocks on the T at the fire hydrant and on the fire hydrant that is on the east side of site.. They installed a thrust block at the connection to the irrigation connection to the 6" dire line. They installed a thrust block on the 90 degree bend at the building and a thrust block on the 90 degree bend at the base of the building riser.

Informational

7 Brice Lawson 01/26/2017 11:48 AM

On 1/14/17 She Digs It removed the 6" gate valve and the short piece of C900 from the T fitting at the 8" main. They installed a 6" anchor spool and attached the 6" valve to the anchor spool. This was done due to the contractor wanting to test this section of water line.

Informational

8 Brice Lawson 02/14/2017 2:52 PM

She Digs It installed approx. 100' of 6" C900 water pipe. This is the fire line. This line was installed from the 6" gate valve at the 8" water main to the backflow preventer and then approx. 20' past the backflow preventer. This line was connected to 6" C900 where they left off previously. Thrust blocks were installed on the tee fitting for the 4" domestic line and on the retiner gland that restrains the DI flange pipe on the north side of the vault. The lower 45 degree bend on the south side of the vault had a thrust block installed below it with two epoxy coated rebars looped of the fitting and into the thrust block. A tracer wire has been installed. and the fittings have been wrapped in the polyetholene encasement.

Informational

9 Brice Lawson 02/15/2017 7:40 AM

She Digs It installed the 6" C900 on the south side of the backflow preventer. This pipe is approx. 4' from the curb inlet just south of the backflow vault. The minimum separation is suppose to be 5'.

I checked with Gene Williams and he stated that this 4' separation is acceptable.

Comments:
