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**PUBLIC WORKS ENGINEERING DIVISION**

## Inspection Summary

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Permit #: PRPWFC20173802, Public Works Infrastructure Permit - Commercial

Residences at Echelon

Address: 3500 SW HOLLYWOOD DR, LEES SUMMIT, MO 64082

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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.

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Inspection Item:

Inspection:	Inspector:	Outcome:	Date:
DEI-Water Line - Construction Inspection Informational	John DiMauro	Partial	Friday, June 22, 2018

1 Matt Munger 04/26/2018 9:29 AM

I spoke with TJ on site about the water portion of the project. He had asked about the valves that we were specified needed to be installed. There was an issue with the plans not showing there being valves before the dead end water mains I when I had asked TJ on a prior visit whether he would install them or not he stated if there was an additional cost he was not sure about that. I then went back to the Design and Criteria Manual and looked up the specifications in section 6900 and it clearly states there needs to be an in-line valve before the hydrant on a dead end water main. I have sent TJ the sections in the D&C that specifies what is required on dead end water mains.

Informational

2 Matt Munger 05/03/2018 9:37 AM

I spoke with TJ about the water portion of the project. I informed him he will need to notify the customers affected 24 hours in advance. I stopped in and spoke with the Asst. Manager of the bank and asked if there was any issue with doing the shutdown during there hours and she stated to just let them know in advance. I contacted Evan from Water to see if he could send someone out to see about locating a valve at the end of the line.

Informational

3 John DiMauro 06/05/2018 3:13 PM

Meeting with TJ and the Kat Excavation crew to go over the plan for the water line install. The crew has the water line pipe laid out and plans to start installing tomorrow.

Informational

4 John DiMauro 06/14/2018 4:01 PM

Kat Excavation is continuing the private water line install. The construction appears to match the plans. KC Testing is on site doing compaction testing for the water lines.

Informational

5 6/18/2018

The KAT Excavation crew was on site installing the private domestic water lines.

Informational

6 John DiMauro 06/22/2018 2:42 PM

The hydrostatic pressure tests for all the public and private water lines on this project have passed.

The KAT Excavation crew is chlorinated the public and private water lines. We will flush Monday and take bacteria samples the following day.

DEI-Water Line - Hydrostatic Test	John DiMauro	Partial	Friday, June 22, 2018
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Informational

1 John DiMauro 06/18/2018 10:34 AM

The KAT Excavation crew is filling the line along the new Cheddington Dr to prepare for the hydrostatic pressure test. I will return this afternoon to inspect and observe the test.

Informational

2 6/19/2018

A hydrostatic pressure test was performed on the new water main installed along Hollywood Dr. for this project. I observed the gauge hold 200psi for two hours.

The Kat Excavation crew plans to do the hydro test on the line that runs along Cheddington Dr. this week.

Informational

3 John DiMauro 06/20/2018 11:15 AM

The KAT Excavation crew performed the hydrostatic pressure test on the water main along the new Cheddington Dr. I observed the gauge hold 160 psi for two hours.

The test passed.

DEI-Water Line - Hydrostatic	John DiMauro	Passed	Friday, June
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Test

22, 2018

Informational

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Informational

4 John DiMauro 06/22/2018 1:07 PM

The KAT Excavation crew performed the hydrostatic pressure test for the private domestic 4" water line.

The initial test failed with a 10 psi drop in the 2 hour time.

The crew made corrections and flushed air out of the line and retest. I observed the line hold at 150 psi for 2 hours. Test passed.

**Comments:**

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