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**PUBLIC WORKS ENGINEERING DIVISION**

## Inspection Summary

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Permit #: PRPWFC20173801, 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-Sanitary Sewer Construction Inspection	Matt Munger	Partial	Wednesday, January 31, 2018

Informational

- 1 Matt Munger 01/31/2018 9:46 AM Daniel had the 6" stub (38.2ft) installed and plenty of gravel on top of the stub on the B Line closest to Manhole B-3. They were working on the stub to the east of Manhole B-3. I observed the area that was cut out for the trench check. Daniel stated they ran the slope at 1% for the stub to the west of Manhole B-3. They had used the correct pipe and fittings (SDR-26). Daniel had an area cut out for the trench check to be put in place for the stub line that had installed, they will have a truck by later in the day to pour the flowable backfill.

DEI-Grading/Excavation/Fill Inspection	Matt Munger	Partial	Wednesday, January 31, 2018
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Informational

- 1 Matt Munger 01/31/2018 10:24 AM I spoke with KC Test Lab while they were on site, he stated they were getting 97% compaction on the north side of the property. On 1/30/18 KC Test was taking compaction tests approximately every 50-60ft on the north side.

DEI-Storm - Sewer Construction Inspection	Matt Munger	Partial	Wednesday, January 31, 2018
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Informational

- 1 Matt Munger 01/30/2018 10:40 AM While on site I observed Kat workers using a laser to

align the storm pipe. They had started installing pipe from CI 1-2 that had been installed on 12/21/17. I observed an adequate amount of gravel below the pipe and on top of the storm pipe. I observed Daniel from Kat using pipe dope on the spigot ends of each section of pipe that was installed. They hadn't installed storm box 2-1. Kat had started on installing storm pipe between CI 1-2 to CI 1-3.

Informational

- 2 Matt Munger 01/30/2018 1:48 PM I observed the Kat workers using a laser to align the pipe from CI 2-1 to CI 4-1. There was adequate amount of gravel below the pipe and storm boxes. They covered the pipe to the top of the trench with gravel then capped over the gravel with dirt. Daniel said they were going to backfill with gravel then cap with dirt until they cut in the road for the curb inlets that crossed over the roadway.

Note: I had pointed out to Daniel earlier in the morning the storm pipe that they had installed on 12/21/17 that ran from CI 1-2 to where the end section 1-1 was going to be put in: it didn't appear there was on top of the pipe. He stated that when they installed the flared end section he will make sure there is gravel installed.

Informational

- 3 Matt Munger 01/31/2018 10:09 AM The concrete collars and invert for the following curb inlets had been poured prior to my arrival: CI 1-2 Invert and all collars, CI 1-3 outside collar on the west side of the inlet, CI 2-1 north and east outside collars were poured, CI 4-1 outside collar on the west side of the inlet. The collars were smooth and there was enough concrete used to support the pipe. The concrete ticket I gathered from Daniel showed it being a 4000 psi mix. The invert on CI 1-2 was smooth in all directions.

**Comments:**

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