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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:

<b>Inspection:</b>	<b>Inspector:</b>	<b>Outcome:</b>	<b>Date:</b>
DEI-Sanitary Sewer Construction Inspection	Matt Munger	Partial	Thursday, February 08, 2018

Informational

- 1 Matt Munger 02/01/2018 10:00 AM The stub lines for C line were in an had an adequate amount of gravel on top of the pipe. The clean out was installed and had a cap on top. I observed the pipe that was in the ground was the proper type (SDR-26).

Spoke with Justin about doing the testing for the line that was installed. He also stated there was some changes to the long stub line (2nd stub line to the east of Manhole A-2). They were going to try and get the 2 short stub lines in today if possible.

Informational

- 2 Matt Munger 02/01/2018 3:25 PM When I had arrived the 1st and 3rd stub line east of MH A-2 had trench checks in and KC test lab was testing between lifts. I also observed an adequate amount of gravel in place above the stub line. I had asked Justin earlier in the day that I will need a copy of all of the concrete tickets and tickets for the flowable fill.

Informational

- 3 Matt Munger 02/02/2018 11:21 AM I opened up MH A-1 and A-2 to look over the inverts that were poured on 2/1/18. The inverts were smooth and were flowing in the correct direction.

Informational

- 4 Matt Munger 02/08/2018 11:15 AM  
Daniel had called me asking if he could use #3 rebar in addition to the #4. The details call out for #4 rebar in that plans and that is what I told him to use.

While on site I observed the Kat crew using pipe dope before installing the saniart pipe for line A and there was an adequate amount of rock above and below the pipe.

DEI-Site Visit

Matt Munger

Partial

Thursday,  
February 08,  
2018

Informational

1 Matt Munger 12/04/2017 11:56 AM

Looked at the valves that are off on Hollywood and Cheddington to see if they match LS Mapper. Spoke with T.J. while he was on site.

Informational

2 Matt Munger 12/06/2017 10:25 AM

Met with TJ to discuss clearing trees on the west side of the property.

Brought Bob Burns out to discuss any ROW questions. Looked over the plans with TJ and he showed me some areas he was concerned about.

I pointed out to him that we should get a detail for the Rip Rap that is to go in on the west side of the property.

Informational

3 Matt Munger 12/07/2017 9:46AM

Met with TJ and spoke about the rip rap detail for the west side of the property. I informed him that Gene was working on getting a detail for it.

Informational

4 Matt Munger 12/08/2017 9:15 AM

Delivered the FDP plans to TJ, spoke with Justin from Kat about the utilities. Took down some notes that they had questions about.

Informational

5 Matt Munger 12/13/2017 11:00 AM

Tom C. and I went out on site to check on the progress. I observed workers stripping ground and silt fence was still intact.

TJ had brought up that they found two ponds on site and he was having a company come out and do compaction tests so they can address the issue. One of the ponds is where the public roadway is going to be put in.

TJ stated the plan was to try and start Friday with the sanitary sewer but due to the pond issue that may get pushed back.

Informational

6 Matt Munger 12/21/2017 2:10 PM

Curb Inlet 1-2 had been installed prior to my arrival. I did not see the flared end section installed. The silt fence behind CI 1-2 was taken down from the work that was done to install the curb inlet. The silt fence will need to be put back in place.

Informational

7 Tom Chandler 12/22/2017 4:22 PM No utility work being done today. Contractor said will

begin work on Wednesday 12/27/2017 again.

Informational

8 Matt Munger 12/28/2017 9:44 AM

No workers were present due to the weather.

The silt fence on the west side by the curb inlet will need to be put back up.

Informational

9 Matt Munger 12/29/2017 11:11 AM

No workers were present due to the weather. I messaged Daniel with Kat said next week was not looking good either due to the weather.

Corrective Action Required

10 Matt Munger 01/02/2018 10:45 AM

No workers were present due to the weather. Silt fence on the west side is down due to construction in that area but will need to be put back up. The site is clean and construction entrance is in place and the roadway is free of mud and debris.

Informational

11 Matt Munger 01/04/2018 8:59 AM

No work was being done on site. Spoke with TJ about the weather and the work schedule.

Informational

12 Matt Munger 01/08/2018 9:40 AM

No workers were present.

Informational

13 Matt Munger 01/08/2018 10:58 AM

No work was being done on site.

Informational

14 Matt Munger 01/09/2018 11:13 AM

No work was being done on site do to the recent weather. Overall the site appeared to be free of trash and debris and the streets were clean leaving the site. I noted the concern about the silt fence on the west side in a ESC Inspection.

Informational

15 Matt Munger 01/11/2018 10:35 AM

No workers were present due to the weather. The silt fence on the west side is still down. TJ responded by email 1/10/18 stating he would take care of it.

Informational

16 Matt Munger 01/12/2018 1:52 PM No workers were present.

Informational

17 Matt Munger 01/16/2018 10:50 AM

No work was being done on site due to the weather.

Informational

18 Matt Munger 01/17/2018 11:10 AM

Spoke with the Kat workers that were on site working on getting the equipment started.

I had also sent an email to TJ in regards to the material submittal's that were sent in and the concerns that I had with the geogrid and Type 3 surface asphalt that was submitted.

Informational

19 Matt Munger 01/18/2018 10:45 AM No workers were present on site due to the weather.  
Informational

20 Matt Munger 01/23/2018 2:50 PM No workers were present.  
Informational

21 Matt Munger 01/24/2018 10:30 AM  
No work was being done on site.  
Informational

22 Matt Munger 01/29/2018 9:37 AM TJ stated Justin from Kat Excavation will be on site tomorrow to try and work.  
Informational

23 Matt Munger 01/30/2018 2:03 PM  
KC test lab was on the north side doing tests. He stated they were taking compaction test every 50-60ft and 9ft down. I did also observe fly ash being hauled in. KC Test Lab employee stated they were using it to dry up the soil.  
Informational

24 Matt Munger 02/05/2018 9:10 AM No work was being done on site.  
Informational

25 Matt Munger 02/07/2018 9:22 AM No work was being done onsite. Spoke with TJ and he stated Kat wouldn't be working till next week due to the weather.  
Informational

26  
Informational

27 Matt Munger 02/08/2018 11:31 AM  
Delivered the revised grading plan to TJ.

DEI-Sanitary Sewer  
Construction Inspection

Matt Munger

Partial

Thursday,  
February 08,  
2018

Informational

1 Matt Munger 02/08/2018 10:19 AM  
Kat was working on installing Private A Sanitary Main off of Public MH A-2 . They had their laser setup and were using the correct pipe. I observed an adequate amount of gravel above and below the pipe. Daniel stated they would encasing the sanitary main on the A line where the storm crosses, I had advised him to make sure and use 4500 psi mix. I spoke with Daniel about making sure to grout the lift holes on Public Manhole A-1 and A-2 and informed him before we test the public line we need to flush the line. Water Department wants everything to be complete before testing is done on the public line.

Informational

2 Matt Munger 02/08/2018 2:14 PM  
While I was on site I observed Daniel putting together the rebar cage for the concrete encasement on the private sanitary sewer main on line A. Daniel stated they would be pouring concrete in the morning. I informed him Tom or Steve would be out to cover for me while I was gone.

DEI-Erosion Sediment Control Matt Munger  
(ESC) Inspection

Partial

Thursday,  
February 08,  
2018

Informational

1 Matt Munger 12/11/2017 11:54 AM

During my visit I walked along the newly installed silt fence to see that it was installed properly. I observed the fence trenched into the ground and staked. TJ had also extended the fence as an added step to ensure silt does not leave the site.

Informational

2 Matt Munger 12/19/2017 12:50 PM

When I arrived I observed a little bit of mud that had been track on the roadway on Chedington Dr.

I spoke with TJ and Justin and just asked that they make sure to keep the roadway clean and to keep an eye on it.

Corrective Action Required

3 Matt Munger 01/09/2018 11:13 AM

I had noticed that the silt fence on the west side of the property had not been put up after the work that had been done on the storm inlet close to the west side. The silt fence will need to put back up to ensure silt does not leave the site.

Corrective Action Required

4 Matt Munger 01/22/2018 11:07 AM

Spoke with TJ (Luke Draily Construction) on site and had asked him to make sure the silt fence that is down due to prior construction gets put back up. TJ stated he had been calling the ESC company to get out and put it back up and will call them again today.

Informational

5 Matt Munger 01/30/2018 1:46 PM Silt fence was intact and the construction entrance was in good shape. The road was clean and free of any major debris.

Informational

6 Matt Munger 02/02/2018 1:35 PM

The road was clean and ESC was in place.

Informational

7 Matt Munger 02/07/2018 9:22 AM ESC was in place.

DEI-Sanitary Sewer Matt Munger  
Construction Inspection

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1 Matt Munger 02/08/2018 10:19 AM

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above and below the pipe. Daniel stated they would encasing the sanitary main on the A line where the storm crosses, I had advised him to make sure and use 4500 psi mix. I spoke with Daniel about making sure to grout the lift holes on Public Manhole A-1 and A-2 and informed him before we test the public line we need to flush the line. Water Department wants everything to be complete before testing is done on the public line.

**Comments:**

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