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**PUBLIC WORKS ENGINEERING DIVISION**

## Inspection Summary

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Permit #: PRPWFC20173800, Public Works Infrastructure Permit - Commercial  
Residences at Echelon

Address:

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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-Retention Basin	Matt Munger	Partial	Tuesday, May 15, 2018

Informational

- 1 Matt Munger 05/01/2018 11:30 AM  
I spoke with Andrew from KC Test lab to discuss the inspections for the retaining wall that is being built as part of the retention pond. Andrew stated he has been checking the stationing and elevation's. Andrew said they are putting down geogrid every 3rd course 6ft wide. I watched the crew compact the gravel and the foreman stated they were doing extra by adding layers of filter fabric between the soil wall.

Informational

- 2 Matt Munger 05/01/2018 2:44 PM  
KC Test Lab was on site to do the compaction testing and overseeing the retaining wall inspections.

Informational

- 3 Matt Munger 05/02/2018 10:26 AM  
I spoke with Andrew from KC Test Lab while he was on site inspecting the work on the retention wall. He stated they had been building the wall to plan and he observed them compacting the gravel.

Corrective Action Required

- 4 Matt Munger 05/04/2018 10:08 AM  
The soil along the retention pond walls specifically on the east side by the 8" sanitary sewer stub line have eroded away enough to expose the sewer line. I spoke with TJ to address the concern and he stated they would build the retaining wall and stabilize the area.

Informational

- 5 Matt Munger 05/07/2018 1:47 PM  
Spoke with Andrew from KC Test Lab while he was onsite inspecting the work on the retaining wall in the retention pond. I observed the workers using a compactor on the

gravel and they were laying geogrid down between the layers.

Informational

6 Matt Munger 05/08/2018 10:25 AM

Spoke with Andrew from KC Test Lab about the retaining wall construction. I asked the foreman of MSE to send us a copy of the shop drawings for the retaining walls for our records. I observed while on site the contractor using geogrid between courses.

Informational

7 Matt Munger 05/09/2018 10:00 AM

Spoke with Andrew from KC Test Lab about the progress on the retaining wall in the retention pond. He stated they are building the wall according to plans are doing a good job. While I was on site I did observe the crew use a compactor on the base material for several passes. They were using geogrid between courses as well.

Informational

8 Matt Munger 05/10/2018 9:59 AM

KC Test Lab was on site to inspect the work on the retaining wall in the retention pond. I observed geogrid in place between courses and workers compacting the gravel.

Informational

9 Matt Munger 05/11/2018 1:50 PM

John D. and I checked on the progress of the retaining wall in the retention pond. I went over with John some of the details and that there will need to be as-builts for the retention pond once it is finished reflecting the last revisions that were approved.

Informational

10 Matt Munger 05/14/2018 9:44 AM

Workers were using a laser to get the elevations, they were using geogrid between courses. KC Test Lab was on site for the 3rd party inspection on the retaining wall.

Informational

11 Matt Munger 05/14/2018 1:28 PM

Spoke with Andrew from KC Test Lab and he stated everything he is seeing the retaining wall crew doing is excellent. They have been using a filter fabric material between the soil wall and gravel to separate the two to keep the soil infiltration into the gravel down. Andrew stated he has been making sure the geogrid has been installed flat between each course.

Informational

12 Matt Munger 05/15/2018 10:50 AM

KC Test Lab was on site to inspect the retaining wall.

**Comments:**

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