

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFR20171420, Public Works Infrastructure Permit - Residential
CREEKSIDE AT RAINTREE

Address:

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:
DEI-Sanitary Sewer - Mandrel	Brice Lawson	Partial	Wednesday, March 14, 2018

Informational

- 1 Brice Lawson 02/27/2018 10:46 AM
Precision performed the mandrel test on the 8" line segment from MH 1-A6 to Mh 1-A7. The mandrel was pulled from MH 1-A6 towards MH 1-A7. The mandrel did not pass from the pipe to the invert in MH 1-A7. They are going to make corrections and retest.

Informational

- 2 Brice Lawson 03/14/2018 11:52 AM
Precision has ground down the areas in the inverts that the mandrel would not pass through on the previous mandrel test.

Mandrel testing was performed today using a 7.37" mandrel.

A mandrel test was performed on the following sanitary line segments:

- MH 1-A7 to MH 1-A6
- MH 1-A6 to MH 1-A5
- MH 1-A5 to MH 1-A4
- MH 1-B1 to MH 1-A4
- MH 1-A4 to MH 1-A3

All of these line segments passed the mandrel test.

DEI-Grading/Excavation/Fill	Brice Lawson	Partial	Wednesday,
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Inspection

March 14,
2018

Informational

1 Brice Lawson 07/11/2017 4:05 PM

Gradeco Construction was working on grading, clearing and grubbing the site. They were working on the north diversion ditch. The road was free of debris.

Informational

2 Brice Lawson 07/12/2017 11:17 AM\line Gradeco Construction has been working separating the brush on site that they piled up. They have installed a diversion ditch on the north end of the site with rock checks in the ditch. They began a fill operation that appears to be on future lots 25 and 26 and east of the storm pipe outlet structure. They said that they have installed approx. 2.5' of fill in this area. They were using a sheeps foot to compact the fill after it was spread. I asked them to stop working on this fill because there was no testing being performed on the lifts of fill. Darrell Vaughn said he would have them stop the fill operation and he was aware that a testing lab should be on site.

Informational

3 Brice Lawson 07/18/2017 1:33 PM

Gradeco Construction continues to perform cut and fill operations. It appears that they are working on lots #23 thru #27 and the north cul de sac. It appears that they are installing the material in lifts and compacting it with sheeps foot. They let me know that they are getting compaction tests on each lift.

Informational

4 Brice Lawson 12/11/2017 4:24 PM

The sanitary sewer main and stub trenches have been backfilled to what appears to be existing grade from existing MH at 1+00 on line 1 to MH 1-A1, from MH 1-A1 to MH 1-A2, and from MH 1-A2 to MH 1-A3.

The sanitary main and stub trenches from MH 1-A3 to MH 1-A4 are partially backfilled. It appears that the soil is being placed and compacted in the trench in lifts. It appears that the sanitary main and stub trenches from MH 1-A4 to MH 1-B1 are being backfilled and compacted in lifts. KCTE is on site performing moisture/density testing on the trench backfill. They let me know that the moisture/density tests are passing and he has noticed that the large rocks are being culled from the soil and stockpiled. He has not noticed any large rocks being placed in the trench backfill.

Informational

5 Brice Lawson 03/01/2018 11:58 AM

The curb stakes have been installed. The contractor is grading the road subgrade. They plan to leave the subgrade about 2" high in case it rains. They plan to get compaction tests done on the fills that were previously installed by Gradeco.

Informational

6 Tom Chandler 03/02/2018 3:48 PM Cutting grade and testing subgrade. KCTE on-site for testing.

Informational

7 Brice Lawson 03/06/2018 2:58 PM

Precision is backfilling the trench for sanitary line C. It appears that they are installing the soil and compacting the backfill in lifts with at vibratory sheeps foot. There did not appear to be any large rocks in the material. KCTE Testing is on site to perform moisture/density testing on the trench backfill.

Informational

8 Brice Lawson 03/09/2018 2:45 PM

The backfill on sanitary line 1-C has been completed. KCTE testing has tested the remainder of the trench backfill today.

Corrective Action Required

9 Brice Lawson 03/14/2018 11:49 AM

The grade of the top of storm manhole 1-10E appears to be in a low spot. There is no grading proposed on the plan in this area. The contractor said that some grading will need to be done. I emailed the engineer and developer to see if any adjustments need to be made to the grading or top elevations to the structure in this area. I am waiting on a reply.

DEI-Miscellaneous PWORKS
Inspection

Brice Lawson

Partial

Wednesday,
March 14,
2018

Informational

1 Brice Lawson 03/14/2018 10:17 AM

The base rock has already been installed at the location where the underdrain was installed on Nautilus. Tom asked them to leave the geogrid exposed for inspection prior to installing the base rock. I contacted the contractor and he said that he has pictures of the geogrid. I will review the pictures if and when I get them.

Comments:
