

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

March 17, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

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### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #19	3/11/2020
Sketch	3/11/2020
Daily Report #20	3/12/2020
Sketch	3/12/2020
Daily Report #21	3/16/2020
Sketch	3/16/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
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P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120004503

**Date:** March 11, 2020

**HCEA Project No.:** 16541B

**Report No.:** 19

**Weather/Temp:** Partly Sunny 60 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 7 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Precontee Inc.

**Total Time:** 8 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 8 to 12 inch loose lifts of soil compacted with a smooth drum roller for area F near stakes 50213 to 50215 (see sketch). The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

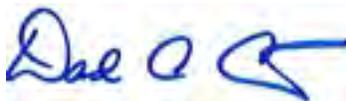
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with the Standard Proctor Method AASHTO T-99.

### Test Performed:

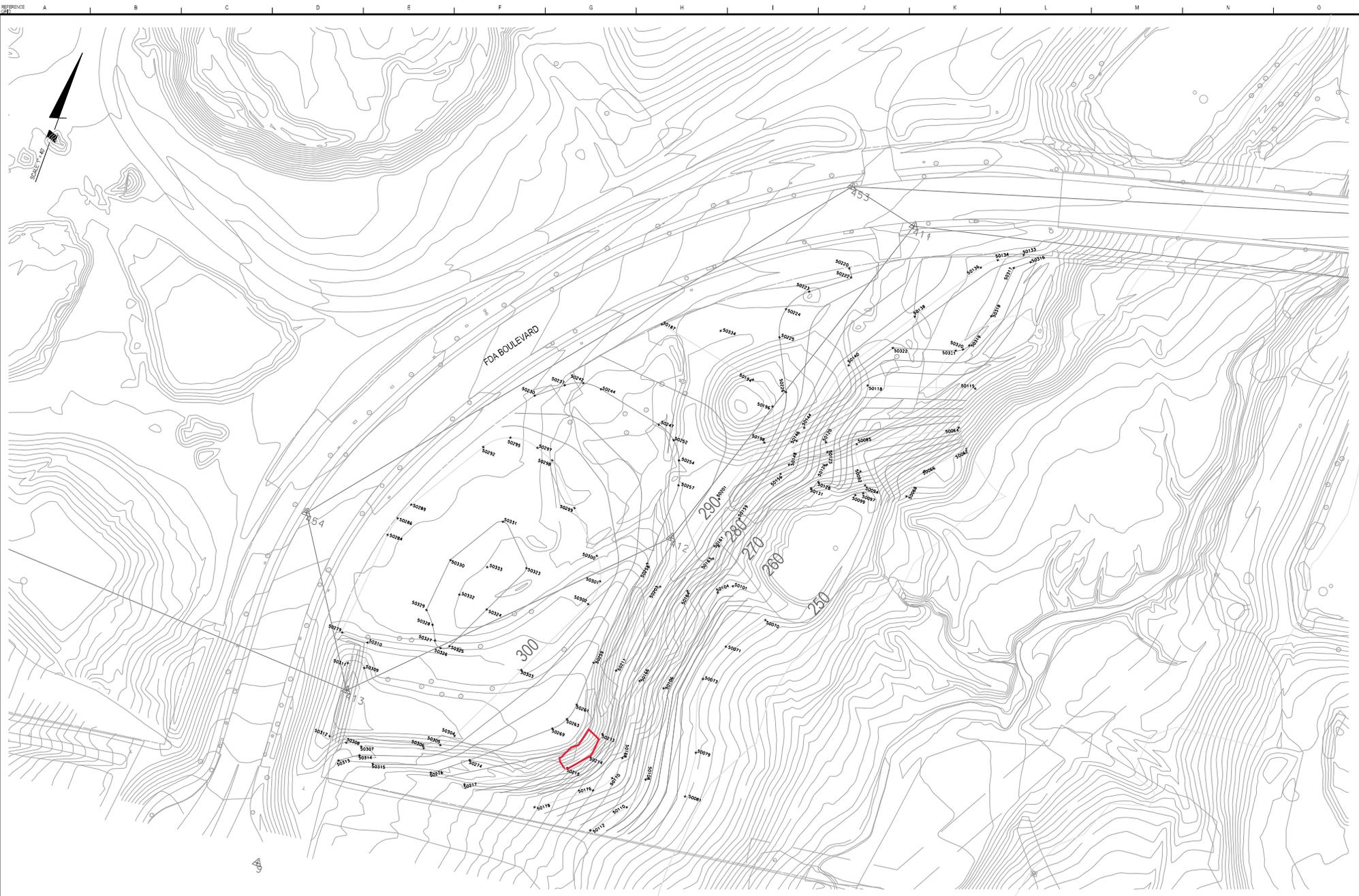
### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
3/17/2020 10:16:45



**Technician:** Larry B. Dunard



Transmittal Page 3 of 7

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DATE	BY	CHKD

**MISS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES AND STRUCTURES TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION IS COMPLETE.

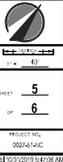
NO.	DATE	DESCRIPTION


**ROUGH GRADING - AREA F**

**VIVA - PRECONTEE**

PROJECT NO.  
 16541B

SHEET **5**  
 OF **6**



# HILLIS-CARNES

## ENGINEERING ASSOCIATES

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# FIELD REPORT

**Work Order No.:** WOHC120004599

**Date:** March 12, 2020

**HCEA Project No.:** 16541B

**Report No.:** 20

**Weather/Temp:** Overcast 62 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 8 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Precontee

**Total Time:** 9 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 8 to 12 inch loose lifts of soil compacted with a smooth drum roller fill for area F , near stakes 50213 to 50215 (see sketch). The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

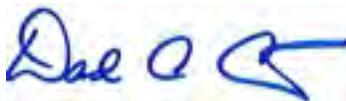
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with the Standard Proctor Method AASHTO T-99.

### Test Performed:

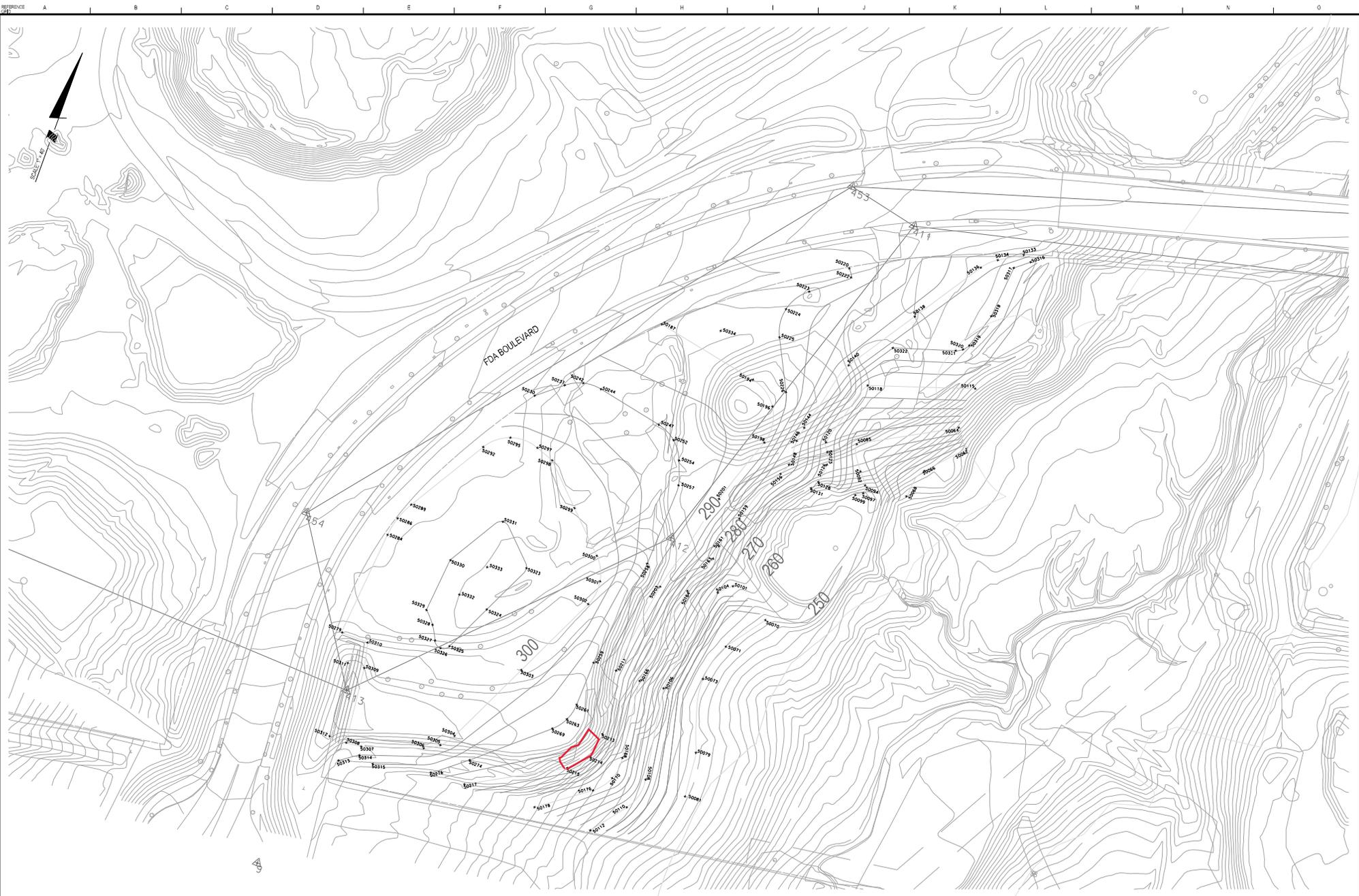
### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
3/17/2020 10:19:54



**Technician:** Larry B. Dunard



Transmittal Page 5 of 7

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NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 ANY EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY UNIDENTIFIED UTILITIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b>
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

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## FIELD REPORT

**Work Order No.:** WOHC120004836

**Date:** March 16, 2020

**HCEA Project No.:** 16541B      **Report No.:** 21

**Weather/Temp:** Sunny 57 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee inc.

**Total Time:** 6 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 8 to 12 inch loose lifts of soil, compacted with a smooth drum roller for area F near stakes 50170, 50168 and 50213 (see sketch). The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with the Standard Proctor Method AASHTO T-99.

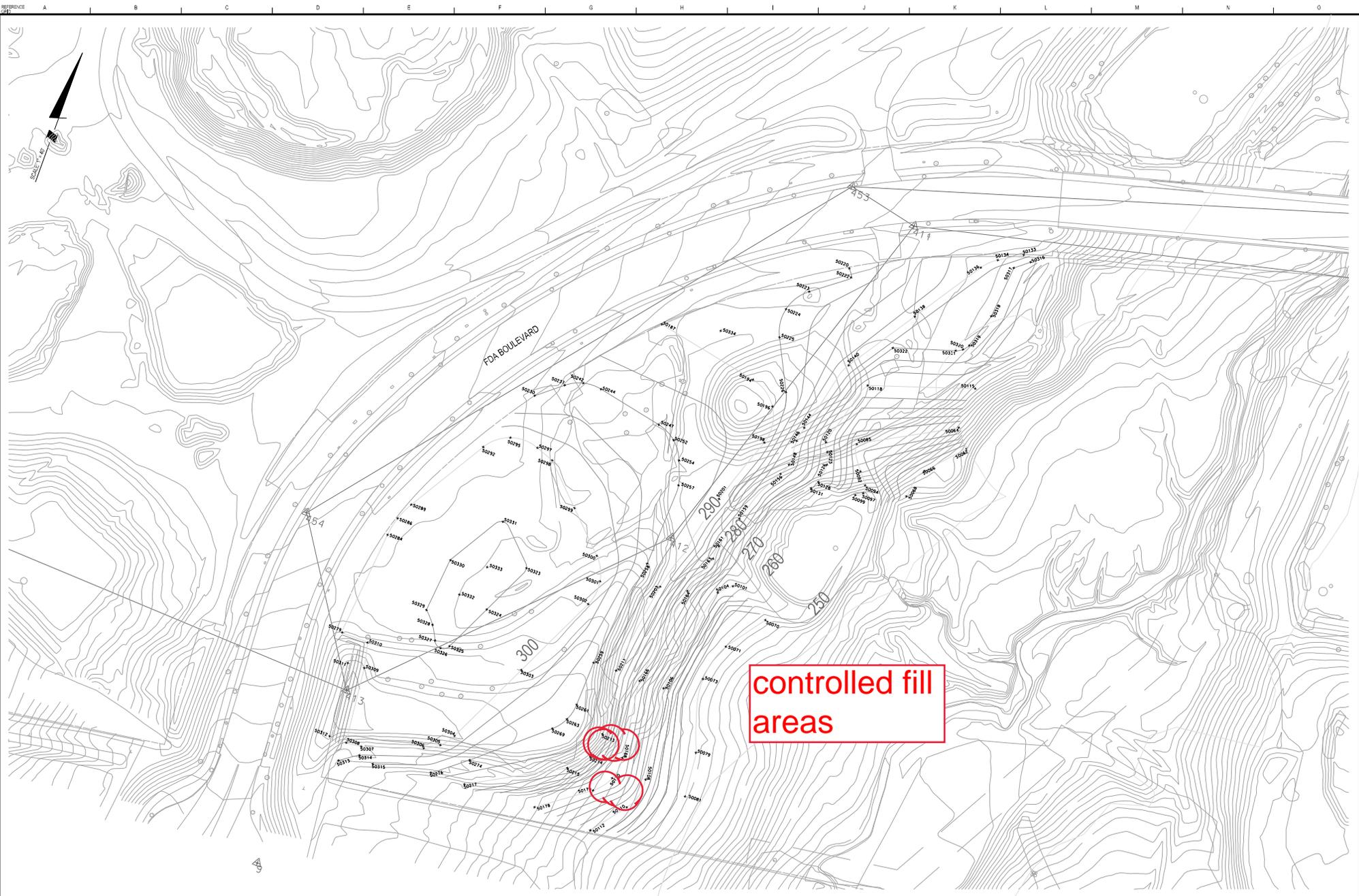
### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
3/17/2020 10:21:48

**Technician:** Larry B. Dunard



controlled fill areas

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NO.	DATE	BY	CHKD.

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NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b>
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

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P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

March 19, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

- Materials Engineering Division Reports  
 Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #22	3/17/2020
Picture	3/17/2020
Picture	3/17/2020
Sketch	3/17/2020
Daily Report #23	3/18/2020
Picture	3/18/2020
Sketch	3/18/2020

# HILLIS-CARNES

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# FIELD REPORT

**Work Order No.:** WOHC120004964

**Date:** March 17, 2020

**HCEA Project No.:** 16541B

**Report No.:** 22

**Weather/Temp:** Partly Cloudy 63 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 8 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 9 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Arrived on site spoke with Kenny Miller (foreman for Percontee) and reviewed locations where fill would be placed.

Observed the placement of 8 to 12 inch lifts of soil, compacted with a smooth drum roller within Area F near stake 50166 and in the area of stakes 50213 to 50214. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

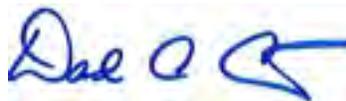
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with the Standard Proctor Method AASHTO T 99.

### Test Performed:

### Referenced Plan:

### Problems:

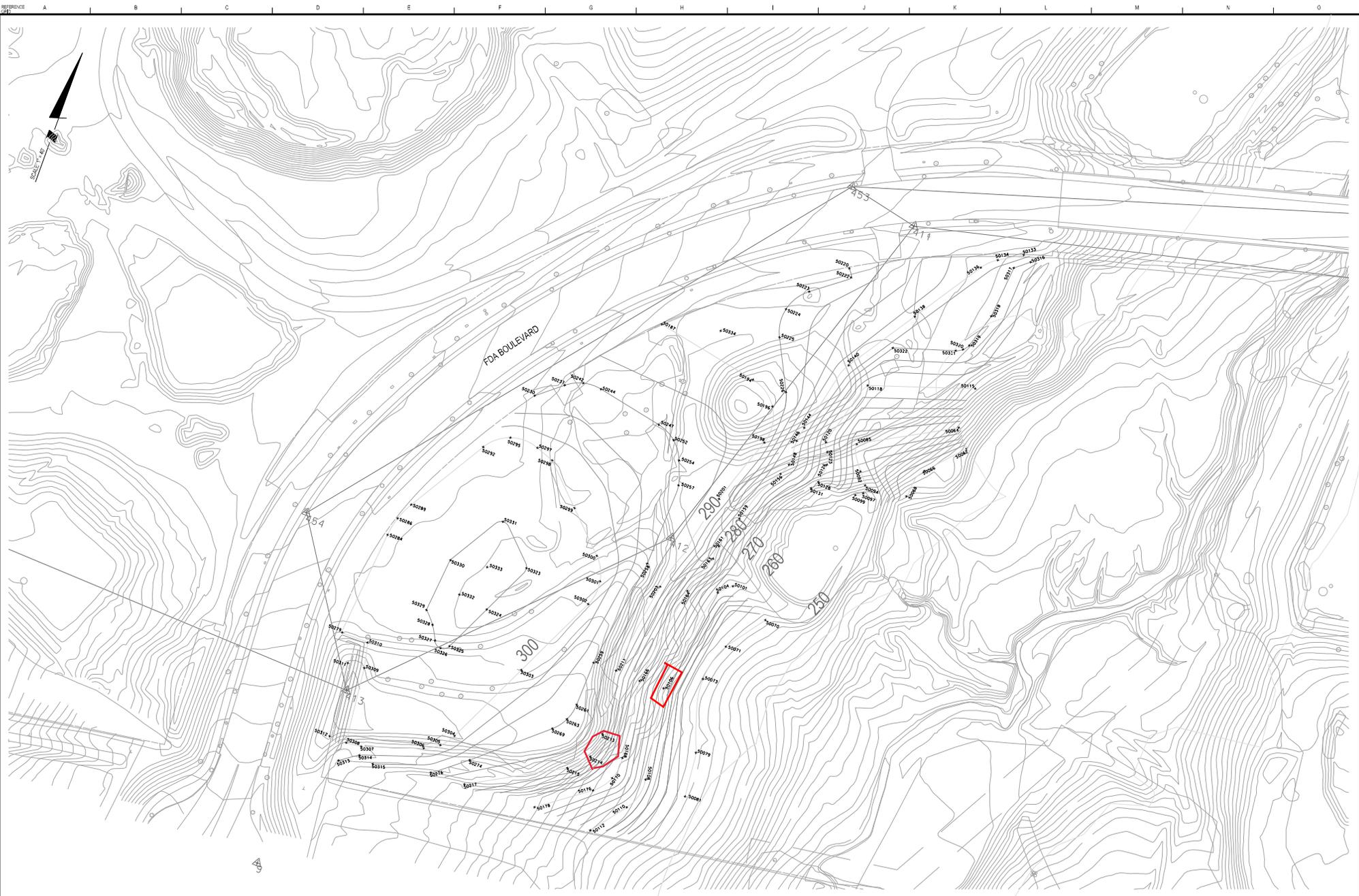
**Reviewed By:** David Anthony Adkins  
3/19/2020 13:08:02



**Technician:** Larry B. Dunard







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NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
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NO.	DATE	BY	CHKD.

	<b>ROUGH GRADING - AREA F</b>	 1" = 40'
	<b>VIVA - PRECONTEE</b>	SHEET <b>5</b> OF <b>6</b>
		PROJECT NO. 16541B

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

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Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120005061

**Date:** March 18, 2020

**HCEA Project No.:** 16541B      **Report No.:** 23

**Weather/Temp:** Partly Cloudy 56 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 6.5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 7.5 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 8 to 12 inch lifts of soil, compacted with a smooth drum roller for Area F in the vicinity of stakes 50213 and 50214. The Nuclear Density Test Method was used to determine the percent compaction of the fill placement.

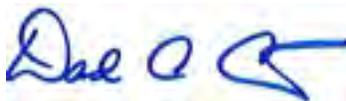
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Standard Proctor Method AASHTO T-99.

### Test Performed:

### Referenced Plan:

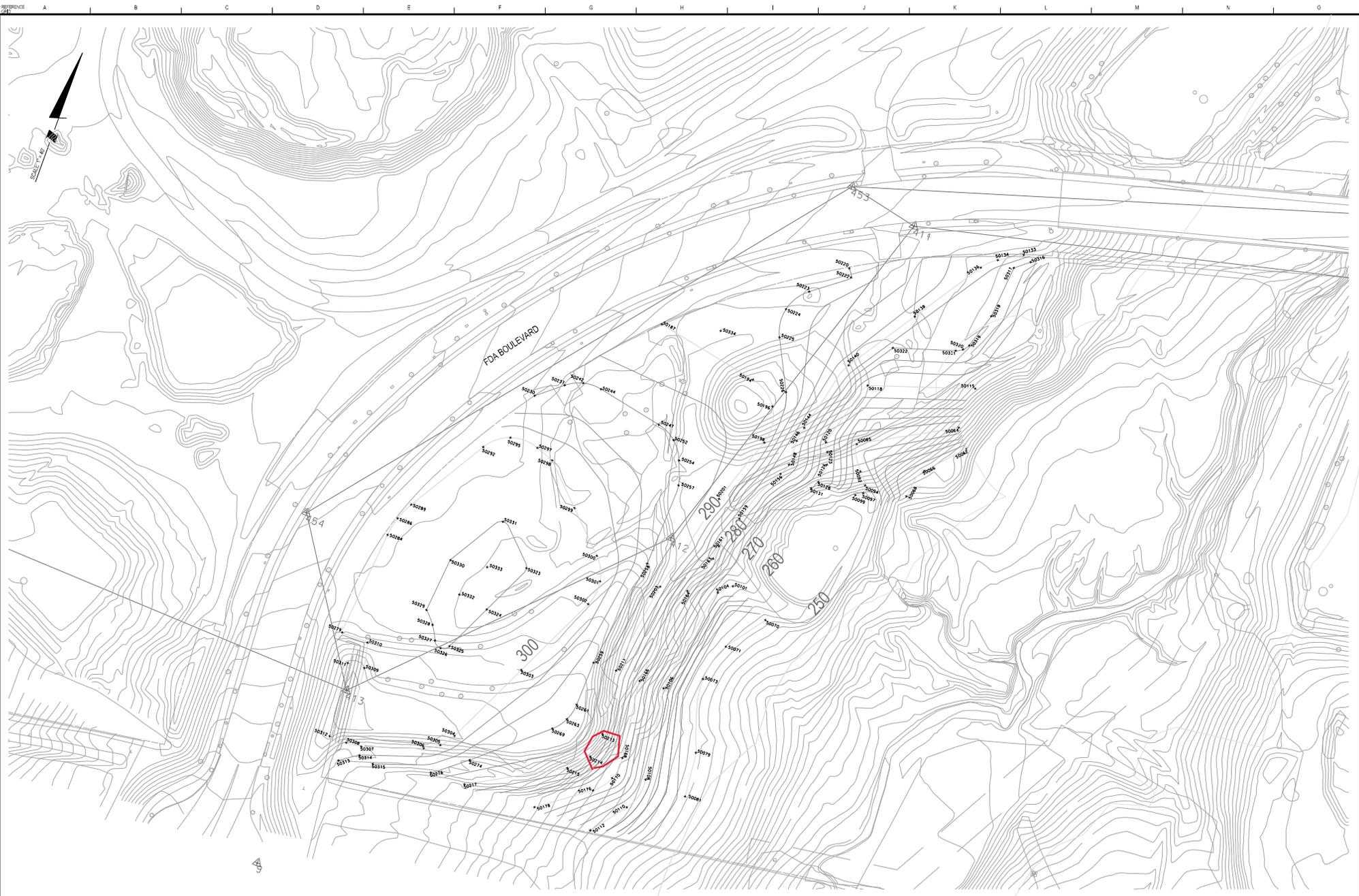
### Problems:

**Reviewed By:** David Anthony Adkins  
3/19/2020 13:12:34



**Technician:** Larry B. Dunard





Transmittal Page 8 of 8  
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NO.	DATE	BY	CHKD.	DESCRIPTION

**MISS UTILITY NOTE**  
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NO.	DATE	BY	CHKD.	DESCRIPTION

	<b>ROUGH GRADING - AREA F</b>	 1" = 40'
	<b>VIVA - PRECONTEE</b>	SHEET <b>5</b> OF <b>6</b>
		PROJECT NO. 16541B

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

March 29, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

- Materials Engineering Division Reports  
 Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #24	3/27/2020
Picture	3/27/2020
Picture	3/27/2020
Sketch	3/27/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

## FIELD REPORT

**Work Order No.:** WOHC120005762

**Date:** March 27, 2020

**HCEA Project No.:** 16541B      **Report No.:** 24

**Weather/Temp:** Partly Cloudy 54 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 3.5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 4.5 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Contractor removed wet soil from fill area and compacted the subgrade.

A proofroll was done to make sure that the area is stable; first using the roller and then an end dump. Both revealed no signs of instability.

Observed the placement of 12 inch lifts of recycled material, compacted with a smooth drum roller for between stakes 50244 and 50247. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Standard Proctor Method AASHTO T-99.

### Test Performed:

### Referenced Plan:

### Problems:

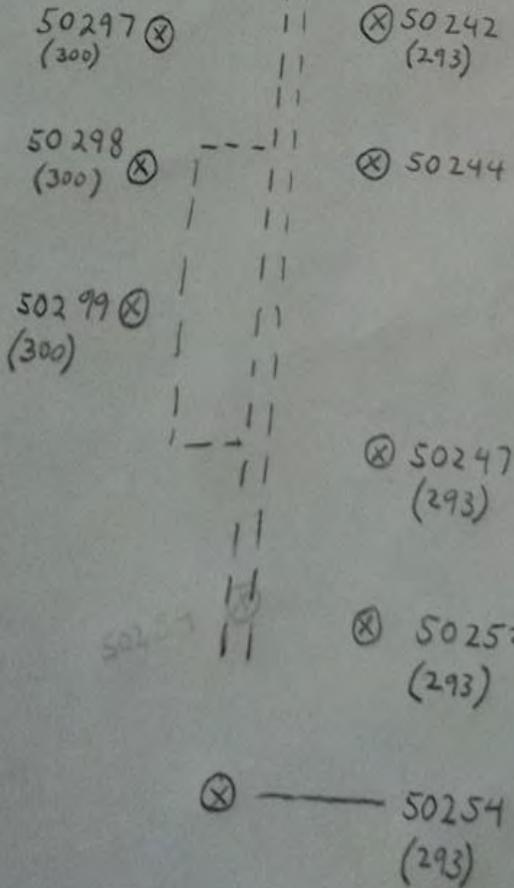
**Reviewed By:** David Anthony Adkins  
3/28/2020 22:06:19

**Technician:** Larry B. Dunard





FDA Blvd



Starting Point  
Bottom Elevation  
288.00

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

March 31, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #25	3/30/2020
Picture	3/30/2020
Picture	3/30/2020
Sketch	3/30/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
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## FIELD REPORT

**Work Order No.:** WOHC120005837

**Date:** March 30, 2020

**HCEA Project No.:** 16541B      **Report No.:** 25

**Weather/Temp:** Partly Cloudy 73 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 6 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 7 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of recycled material, compacted with a smooth drum roller for area near stakes 50297, 50299, 50247, and 50244. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with the Standard Proctor Method AASHTO T-99.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
3/31/2020 09:12:21

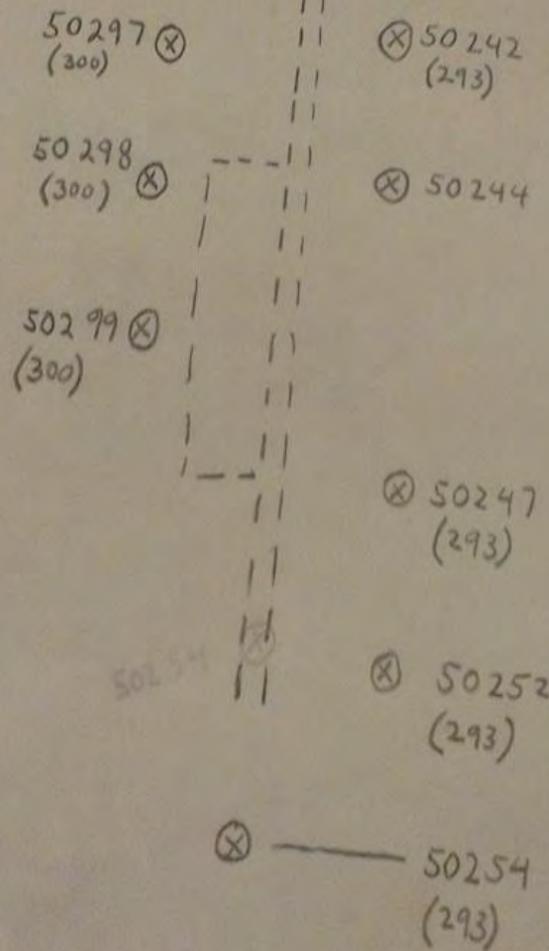
**Technician:** Larry B. Dunard





SA Blvd

305 100 11



# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
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# LETTER OF TRANSMITTAL

April 2, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

- Materials Engineering Division Reports
- Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #26	3/31/2020
Picture	3/31/2020
Picture	3/31/2020
Picture	3/31/2020
Sketch	3/31/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
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# FIELD REPORT

**Work Order No.:** WOHC120005966

**Date:** March 31, 2020

**HCEA Project No.:** 16541B

**Report No.:** 26

**Weather/Temp:** Partly Cloudy 54 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 7 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 8 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 18 inch RCP storm drain from the existing pipe to 60 feet past stake number 50254.

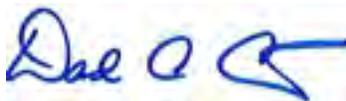
Backfill around pipe was not compacted this date.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
4/2/2020 13:58:07

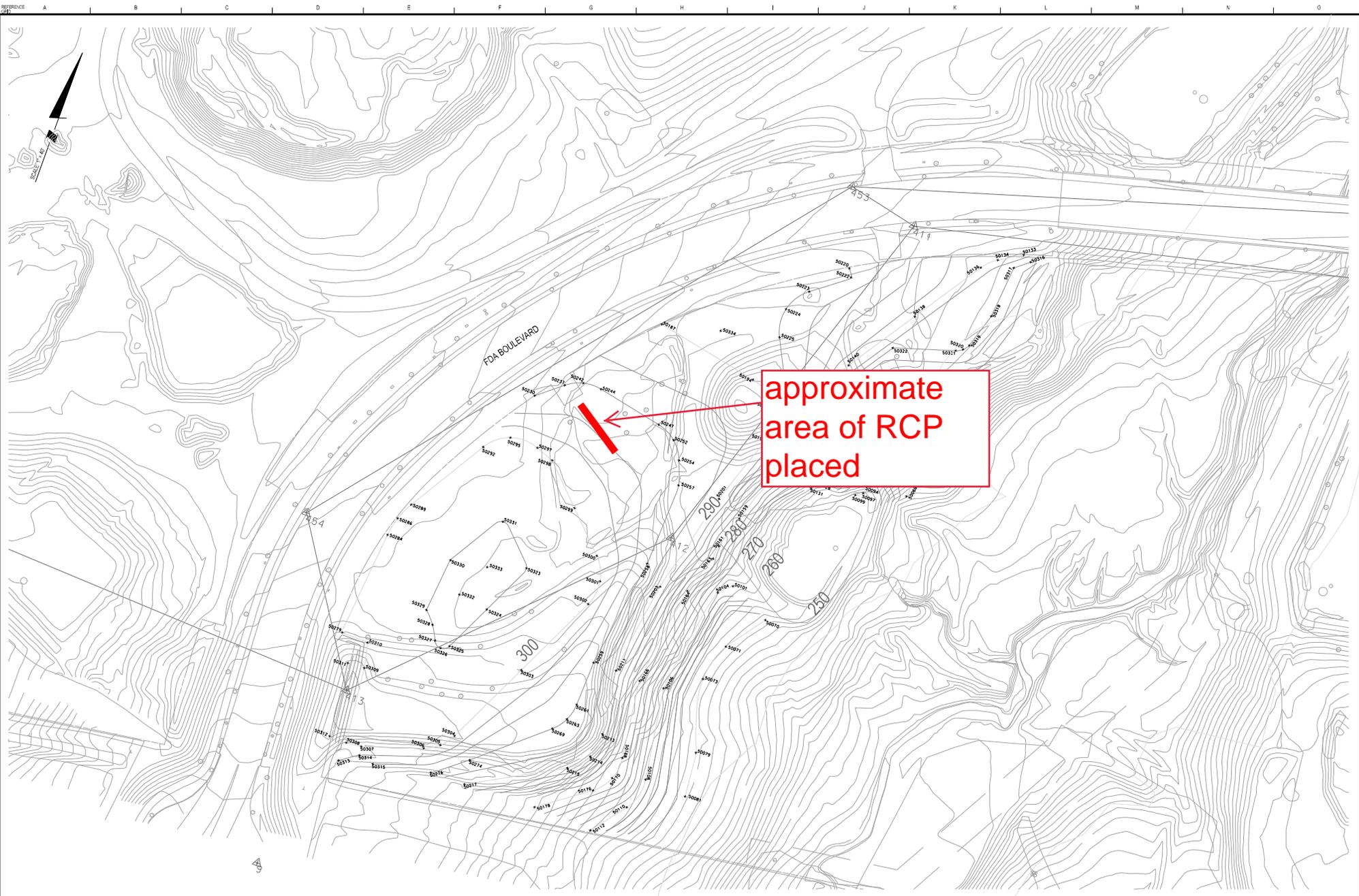


**Technician:** Larry B. Dunard









Transmittal Page 6 of 6

**SOLTESZ, INC.**  
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NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION IS COMPLETE.

NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b>
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

April 3, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #27	4/1/2020
Picture	4/1/2020
Sketch	4/1/2020
Daily Report #28	4/2/2020
Picture	4/2/2020
Sketch	4/2/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

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# FIELD REPORT

**Work Order No.:** WOHC120006050

**Date:** April 1, 2020

**HCEA Project No.:** 16541B

**Report No.:** 27

**Weather/Temp:** Overcast 59 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 7.75 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 8.75 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the work on the storm drain installation. Contactor placed 11 sections of 18 inch RCP near stakes 50247 to 50252.

Observed the placement of 12 inch lifts of RC-6 compacted with a smooth drum roller. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement between stakes 50242 to 50299.

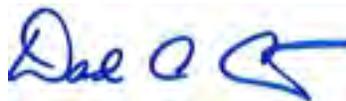
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Standard Proctor Method AASHTO T 99.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
4/3/2020 19:05:31



**Technician:** Larry B. Dunard

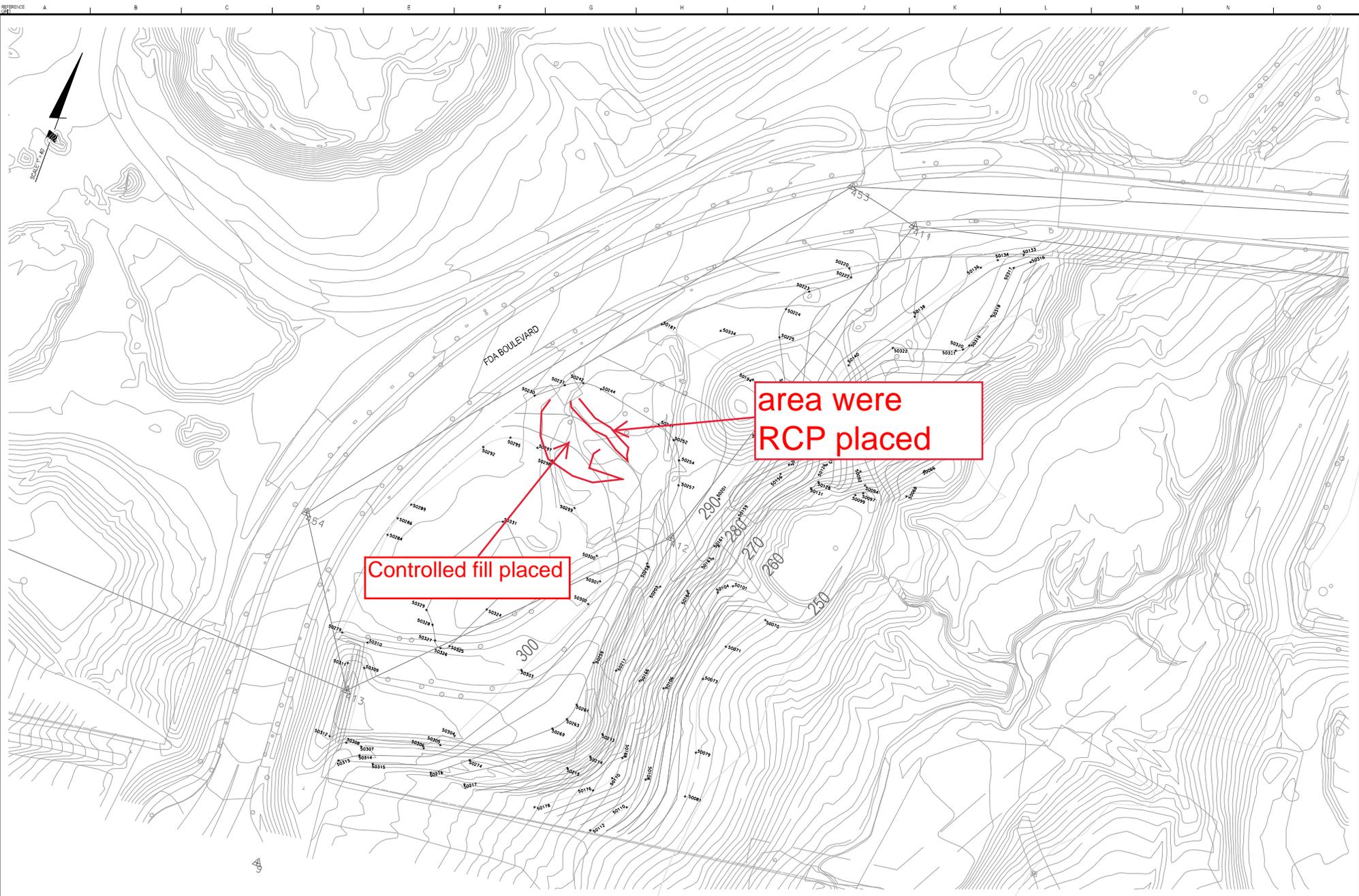












Transmittal Page 8 of 11

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 2 Research Place, Suite 100  
 Rockville, MD 20850  
 P. 301,948,2750 F. 301,948,9057  
 www.soltesz.com

NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION IS COMPLETE.

NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 NORTH SHEET <b>5</b> OF <b>6</b> PROJECT NO. 2020040001
<b>VIVA - PRECONTEE</b>		

S:\2020\16541B\Drawings\Site\16541B\_R10\_VIVA\_Prec\16541B\_R10\_VIVA\_Prec.dwg Plot Date: 4/1/2020 10:54:56 AM

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120006173

**Date:** April 2, 2020

**HCEA Project No.:** 16541B

**Report No.:** 28

**Weather/Temp:** Partly Cloudy 57 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 5.5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 6.5 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of RC-6 and on site soil compacted with a smooth drum roller. RC material placed at stakes 50254 to 50257 and site soil placed from stakes 50166 to 50211. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Standard Proctor Method AASHTO T 99.

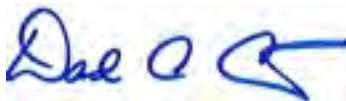
This area is still below pipe invert elevation so no pipe placed this date.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
4/3/2020 19:10:36



**Technician:** Larry B. Dunard





Transmittal Page 11 of 11

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NO.	DATE	BY	CHKD.	DESCRIPTION

**MISS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION IS COMPLETE.

NO.	DATE	BY	CHKD.	DESCRIPTION

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b> PROJECT NO. 2020040002
<b>VIVA - PRECONTEE</b>		

S:\2020\16541B\Drawings\Site\16541B\_A11.dwg Scale: 400000 of 100 User: Ben PLT Date: 2020-04-02 10:54:56 AM

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

April 5, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #29 4/3/2020

Picture 4/3/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120006288

**Date:** April 3, 2020

**HCEA Project No.:** 16541B

**Report No.:** 29

**Weather/Temp:** Clear 44 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 4.5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 5.5 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch loose lifts of soil & recycled aggregate in the vicinity of stakes 50211 to 50166 and 50201 to 50254. Fill materials were compacted using a vibratory smooth drum roller. The Nuclear Density Test Method ASTM D 6938 was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with the Standard Proctor Method ASTM D 698 for soils and the Modified Proctor Method AASHTO T 180 for recycled graded aggregate.

### Test Performed:

Compaction Testing

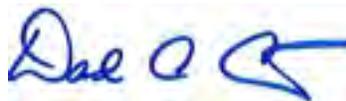
### Referenced Plan:

Site Sketch

### Problems:

NONE

**Reviewed By:** David Anthony Adkins  
4/5/2020 19:53:24



**Technician:** Tyrone J. Harrison



# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

April 9, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #30	4/6/2020
Picture	4/6/2020
Picture	4/6/2020
Sketch	4/6/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120006363

**Date:** April 6, 2020

**HCEA Project No.:** 16541B

**Report No.:** 30

**Weather/Temp:** Sunny 72 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 7.5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 8.5 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

RC-6 is being placed in preparation for the installation of storm drain pipe.

Observed the placement of 12 inch lifts of on-site soil and RC-6, compacted with a smooth drum roller in the vicinity of stakes 50254 to 50227 and 50166 to 50211. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Standard Proctor Method AASHTO T-99.

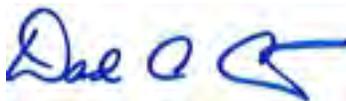
Fill has been raised to elevation sufficient for installation of the storm drain pipe in this area.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
4/9/2020 14:34:29



**Technician:** Larry B. Dunard







area completed and tested to pipe subgrade elevation

compaction testing for fill placement

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NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION IS COMPLETE.

NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b>
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

April 10, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #31	4/7/2020
Picture	4/7/2020
Sketch	4/7/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

## FIELD REPORT

**Work Order No.:** WOHC120006741

**Date:** April 7, 2020

**HCEA Project No.:** 16541B

**Report No.:** 31

**Weather/Temp:** Light Rain 70 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 7.75 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 8.75 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed eight sections of 18 inch RCP storm drain installation. Additional fill needed to continue pipe placement. This area near stakes 50254 to 50257. Area measures 75 feet by 75 feet.

Observed the placement of 12 inch lifts of soil, compacted with a smooth drum roller in the vicinity of stakes 50254 to 50297. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95 % of the maximum dry density in general conformance with the Standard Proctor Method ASTM D 698 or AASHTO T 99 .

RC-6 was placed near stakes 50242 to 50257 and 50242 to 50254. Area measures approximately 165 feet by 60. Top of fill this date at approx. elevation 292.35.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
4/10/2020 10:47:46

**Technician:** Larry B. Dunard











soil testing area

pipe placement

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NO.	DATE	DESCRIPTION	BY	CHECKED

**MISS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION.

NO.	DATE	DESCRIPTION	BY	CHECKED

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b> PROJECT NO. 16541B
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 8, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #32	5/5/2020
Picture	5/5/2020
Picture	5/5/2020
Sketch	5/5/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120008402

**Date:** May 5, 2020

**HCEA Project No.:** 16541B

**Report No.:** 32

**Weather/Temp:** Overcast 64 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 7.75 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 8.75 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of soil, compacted with a smooth drum roller for area in the vicinity of stakes 50244 to 50247. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

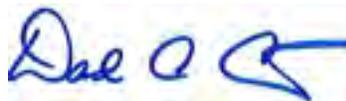
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

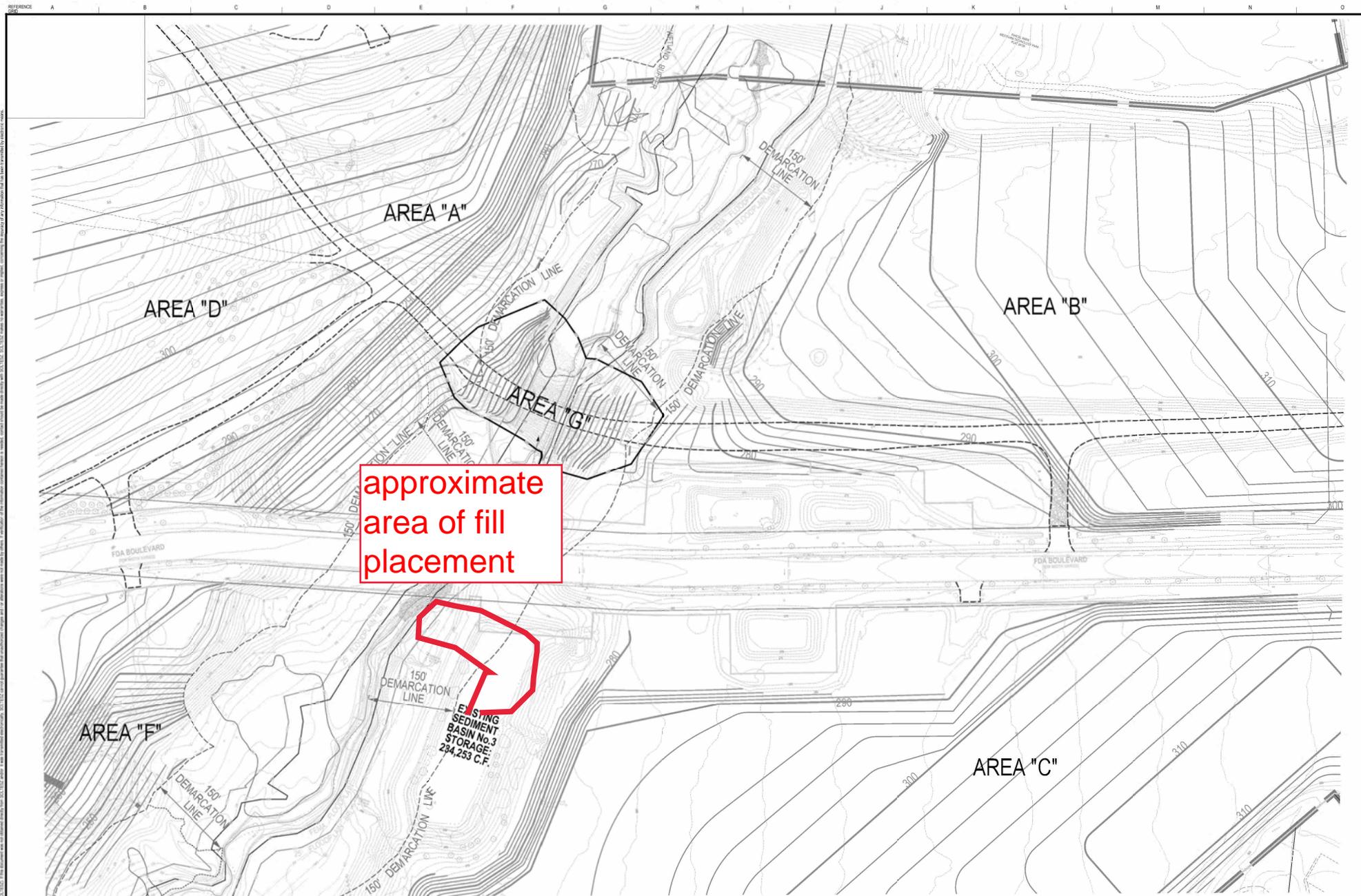
**Reviewed By:** David Anthony Adkins  
5/8/2020 14:20:16



**Technician:** Larry B. Dunard







Transmittal Page 5 of 5

<p>Rockville Lanham Washington Frederick DC, LLC</p>	<p>PROJECT OFFICE 2 Research Park, Suite 100 Rockville, MD 20850 301-948-2700 F 301-948-0007</p>	<p>DATE: JULY 2017 DESIGNED: CWW CHECKED: CWW</p>	<p>FOR STANDARDS HEREIN: SEE: N.E.S. TECHNICAL: CWW</p>	<p>UNDESIGNED: DEP</p>	<p><b>MISS UTILITY NOTE</b></p> <p>INFORMATION ON UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION AND DEPTH OF UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE START OF EXCAVATION. IF CHANGES ARE MADE THIS INFORMATION CAN BE VIEWED ON SOCIAL MEDIA OR BY CONTACTING THE DESIGNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING RECORDS WITH CONSTRUCTION. CHANGES WILL BE NOTICED BY REGULAR VISITS TO THE FIELD.</p>	<p><b>OWNER / DEVELOPER / APPLICANT:</b></p> <p>GLOBAL LIFE SCI DEVELOPMENT CORPORATION C/O PERCENTEE, INC. 11805 TIGER ROAD SILVER SPRING, MARYLAND 20904 301-402-0500 AND 301-858-2888 CONTACT: JONATHAN M. GENN, ESQ.</p>	<p><b>PROFESSIONAL CERTIFICATION</b></p> <p>HERBERT GENTY, III, THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.</p>	<p><b>SEDIMENT CONTROL PLAN</b></p> <p><b>MINING AND RECLAMATION PERMIT AREA "G"</b></p> <p><b>PERCENTEE</b></p> <p>PARCEL P565, P660, P906, P910, P932, P908, P776, P637, P707, P477</p>	<p>PROJECT NO: 16541B DATE: 07/20/17 SCALE: AS SHOWN SHEET NO: 5 TOTAL SHEETS: 5</p>

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 12, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #33 5/11/2020

Sketch 5/11/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120008830

**Date:** May 11, 2020

**HCEA Project No.:** 16541B      **Report No.:** 33

**Weather/Temp:** Partly Cloudy 63 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 6 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 7 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of soil, compacted with a smooth drum roller in the vicinity of stakes 50254 to 50298. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

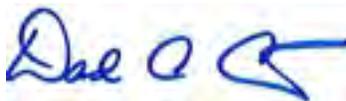
Fill observed to be stable under construction equipment.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
5/12/2020 20:12:41



**Technician:** Larry B. Dunard



# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 15, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #34	5/12/2020
Picture	5/12/2020
Sketch	5/12/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

## FIELD REPORT

**Work Order No.:** WOHC120008879

**Date:** May 12, 2020

**HCEA Project No.:** 16541B      **Report No.:** 34

**Weather/Temp:** Partly Cloudy 62 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 6 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of soil, compacted with a smooth drum roller for area in the vicinity of stakes 50254 to 50298. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement. One lift only on this date do to roller broke down.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

soil check compaction , Nuclear Density Gauge

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
5/14/2020 21:29:39

**Technician:** Larry B. Dunard





# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 15, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

- Materials Engineering Division Reports
- Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #35	5/13/2020
Picture	5/13/2020
Sketch	5/13/2020
Daily Report #36	5/14/2020
Picture	5/14/2020
Picture	5/14/2020
Picture	5/14/2020
Sketch	5/14/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

## FIELD REPORT

**Work Order No.:** WOHC120008976

**Date:** May 13, 2020

**HCEA Project No.:** 16541B

**Report No.:** 35

**Weather/Temp:** Sunny 67 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 3 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 4 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of soil, compacted with a smooth drum roller for area in the vicinity of stakes 50237 to 50257. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement. One lift only on this date do to roller broke down.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

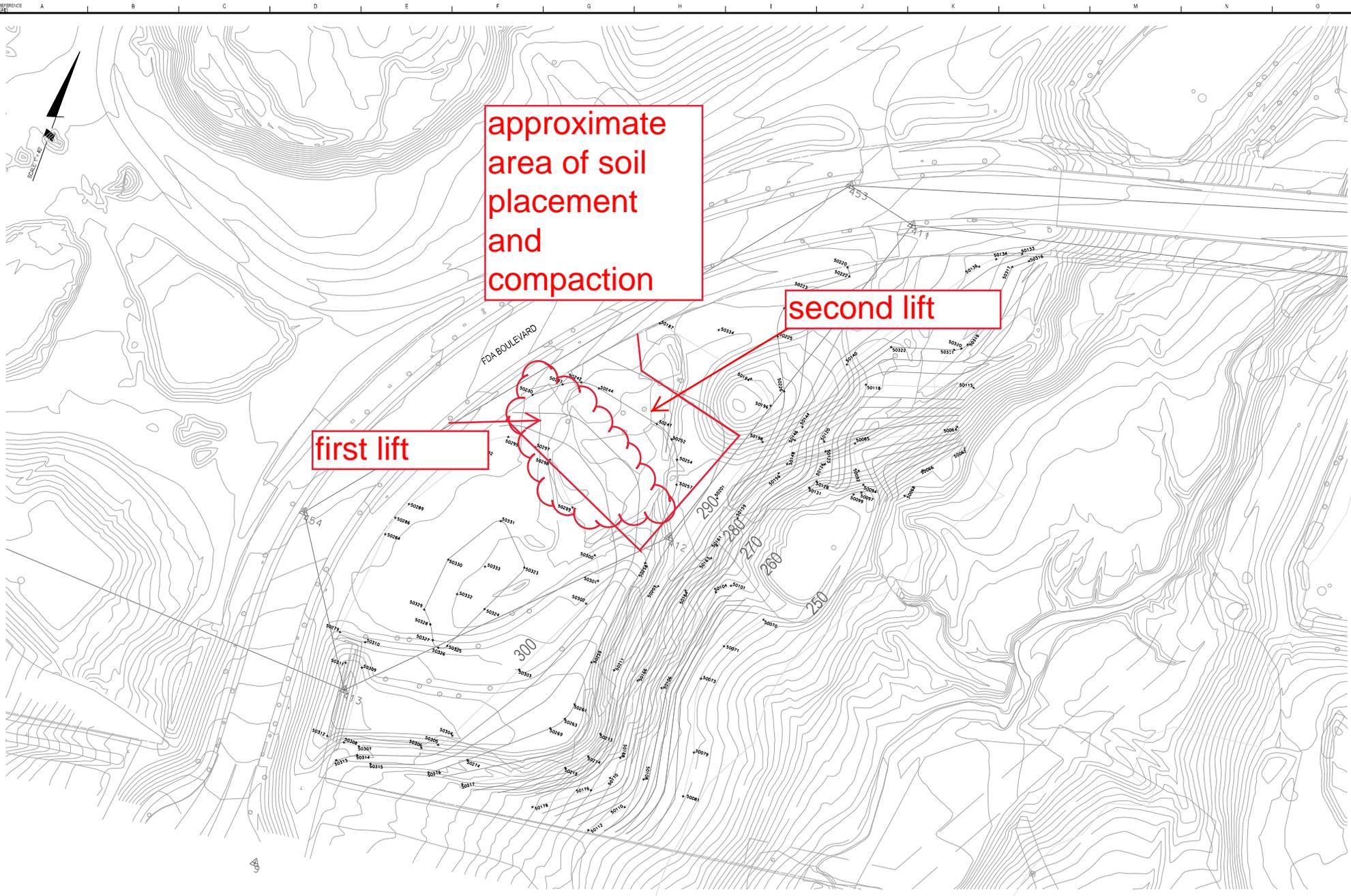
### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
5/15/2020 17:54:53

**Technician:** Larry B. Dunard





first lift

approximate area of soil placement and compaction

second lift

FDA BOULEVARD



Rockville  
Lanham  
Water  
Leesburg  
Finks  
Soltesz DC, LLC

ROCKVILLE OFFICE  
2 Research Place, Suite 100  
Rockville, MD 20850  
P. 301,948,2750 F. 301,948,9057

www.soltesz.com

MISS UTILITY NOTE

BEFORE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ALL UTILITIES DAMAGED OR DESTROYED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ALL UTILITIES DAMAGED OR DESTROYED DURING CONSTRUCTION.

ROUGH GRADING - AREA F

VIVA - PRECONTEE

PROJECT NO.	202004002
SHEET	5
OF	6

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120009073

**Date:** May 14, 2020

**HCEA Project No.:** 16541B      **Report No.:** 36

**Weather/Temp:** Overcast 73 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 5.25 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 6.25 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of 12 inch lifts of soil, compacted with a smooth drum roller for area in the vicinity of stakes 50237 to 50257. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement. One lift only on this date do to roller broke down.

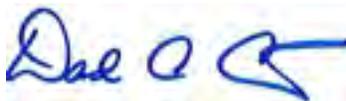
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
5/15/2020 17:56:52



**Technician:** Larry B. Dunard









# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 19, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #37	5/18/2020
Picture	5/18/2020
Picture	5/18/2020
Picture	5/18/2020
Sketch	5/18/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120009284

**Date:** May 18, 2020

**HCEA Project No.:** 16541B

**Report No.:** 37

**Weather/Temp:** Overcast 69 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 3.25 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 4.25 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of Recycled material in the vicinity of stakes 50237 to 50257. Material placed in lifts and compacted to specifications. Area also noted to be stable under construction traffic.

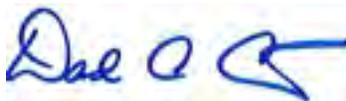
Two truck loads of fill material had organics in them and were not used for controlled fill. Fill operations to continue tomorrow.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
5/19/2020 18:29:07

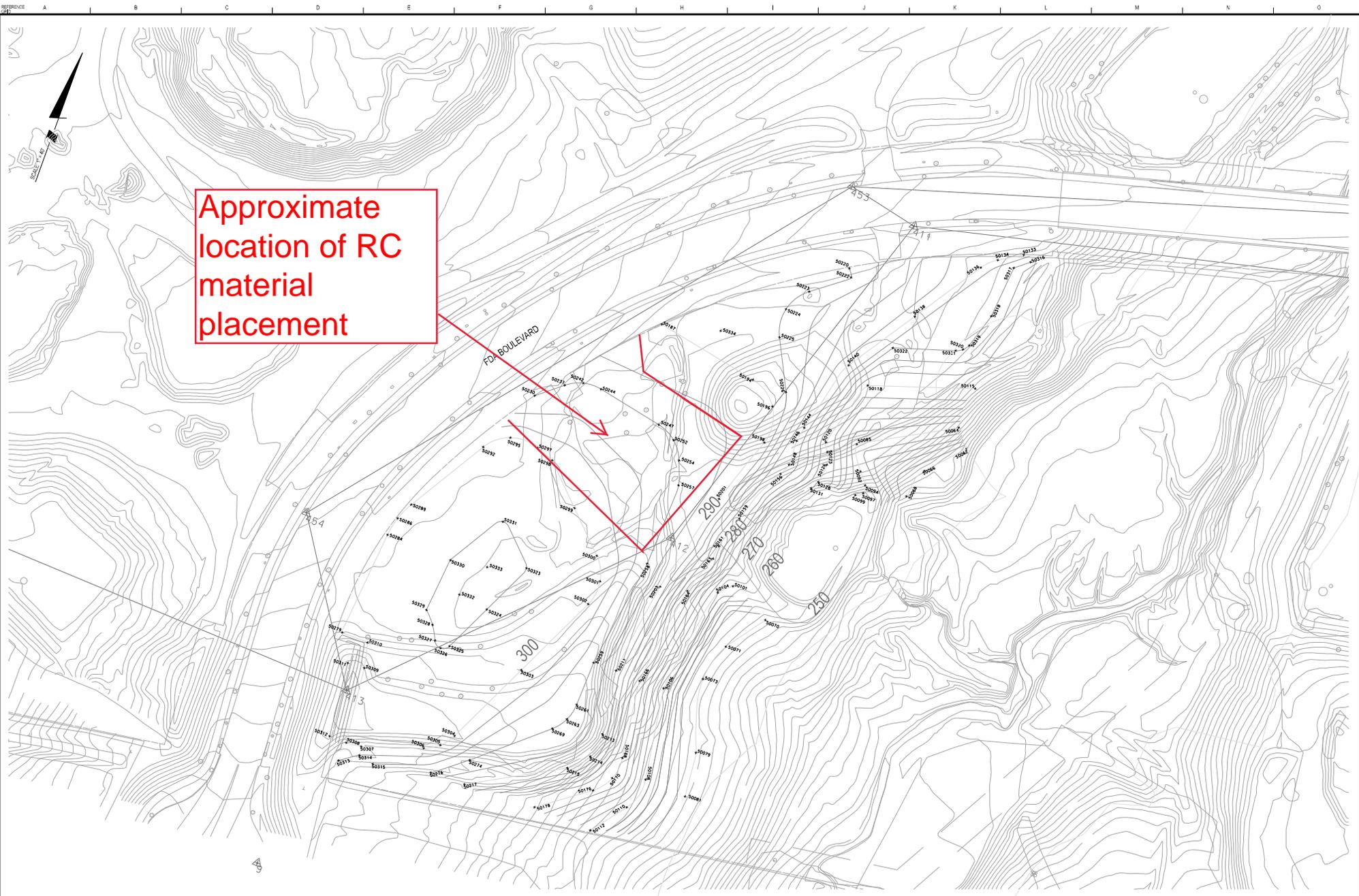


**Technician:** Larry B. Dunard









Approximate  
location of RC  
material  
placement

FOA BOULEVARD

ROUGH GRADING - AREA F

VIVA - PRECONTEE

PROJECT NO.	20200402
SHEET	5
OF	6

**SOLTESZ, INC.**  
 Engineering  
 Surveying  
 Planning  
 Environmental Sciences

Rockville  
 Lanham  
 Leesylvania  
 Florida  
 Solihay DC, LLC

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 2 Research Place, Suite 100  
 Rockville, MD 20850  
 P. 301,948,2750 F. 301,948,9057  
 www.soltesz.com

NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 ANY UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY UTILITIES NOT SHOWN ON THIS PLAN SHALL BE IDENTIFIED AND DELETED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES PRIOR TO CONSTRUCTION.

NO.	DATE	BY	CHKD.

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 22, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #38	5/19/2020
Picture	5/19/2020
Picture	5/19/2020
Picture	5/19/2020
Sketch	5/19/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

## FIELD REPORT

**Work Order No.:** WOHC120009396

**Date:** May 19, 2020

**HCEA Project No.:** 16541B      **Report No.:** 38

**Weather/Temp:** Overcast 71 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 5.5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 6.5 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of lifts of on site recycled material compacted with a smooth drum roller for in the vicinity of stakes 50237 to 50257 and 50257 to 50298. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

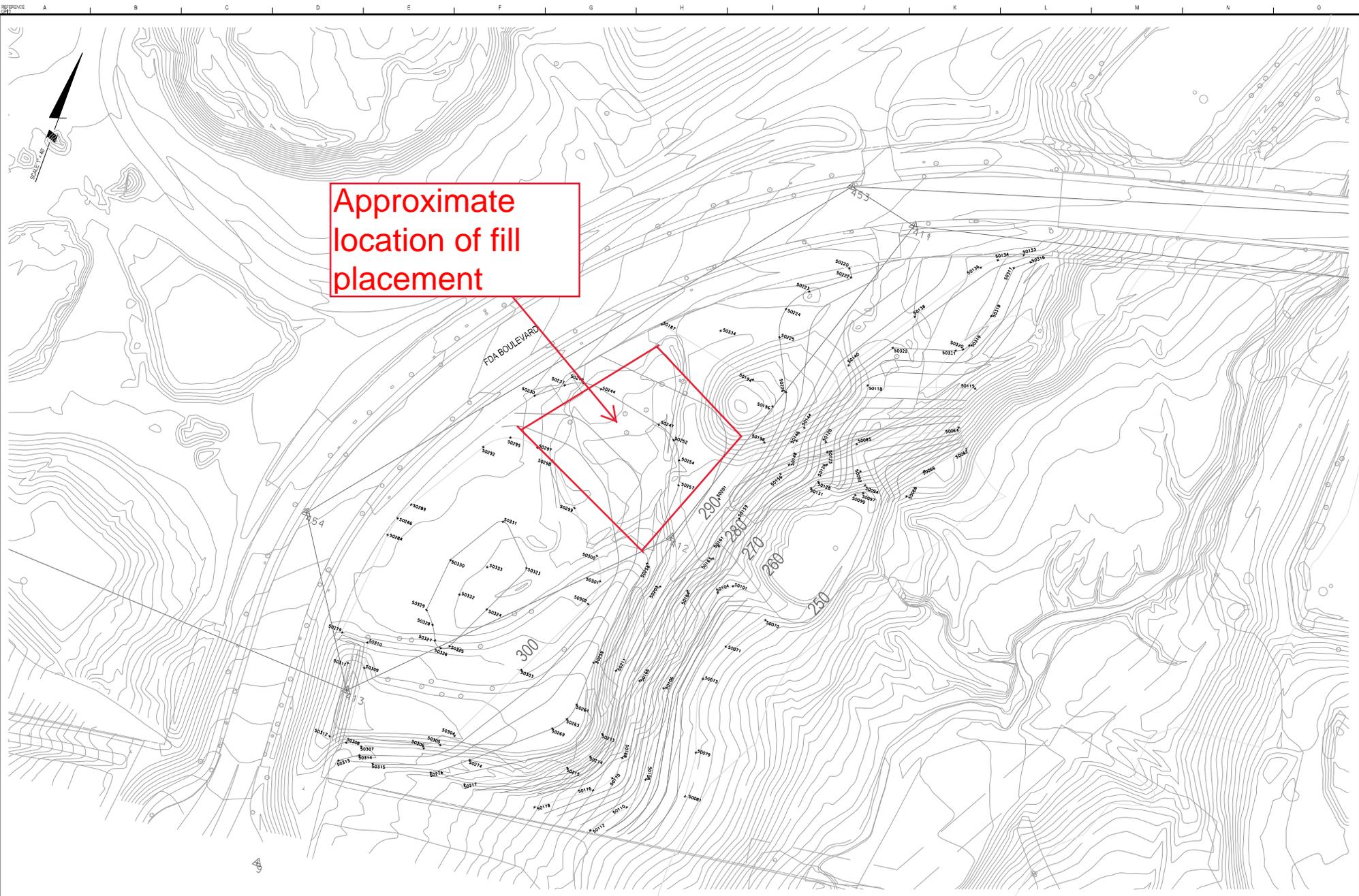
**Reviewed By:** David Anthony Adkins  
5/22/2020 08:54:33

**Technician:** Larry B. Dunard









Approximate  
location of fill  
placement

<p><b>SOLTESZ, INC.</b> Engineering Surveying Planning Environmental Sciences</p>	<p>Rockville Lanham Water Leesboro Finks Solihy DC, LLC</p>	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>CHKD.</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	CHKD.					<p><b>MISS UTILITY NOTE</b></p> <p>BEFORE CONSTRUCTION OF THIS PROJECT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INFORMATION FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION.</p>	<table border="1"> <tr> <td>DATE PLOTTED</td> <td> </td> </tr> <tr> <td>DATE CHECKED</td> <td> </td> </tr> <tr> <td>DATE APPROVED</td> <td> </td> </tr> </table>	DATE PLOTTED		DATE CHECKED		DATE APPROVED		<p><b>ROUGH GRADING - AREA F</b></p> <p><b>VIVA - PRECONTEE</b></p>	<p>1" = 40'</p> <p>SHEET <b>5</b> OF <b>6</b></p> <p>PROJECT NO. 50274-01-02</p>
			NO.	DATE	BY	CHKD.														
DATE PLOTTED																				
DATE CHECKED																				
DATE APPROVED																				
<p>ROCKVILLE OFFICE 2 Research Place, Suite 100 Rockville, MD 20850 P. 301,948,2750 F. 301,948,9057 www.soltesz.com</p>																				

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 22, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #39	5/21/2020
Picture	5/21/2020
Picture	5/21/2020
Sketch	5/21/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120009578

**Date:** May 21, 2020

**HCEA Project No.:** 16541B

**Report No.:** 39

**Weather/Temp:** Partly Cloudy 60 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 3 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 4 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of lifts of on site recycled material, compacted with a smooth drum roller in the vicinity of stakes 50242 to 50245 and stakes 50246 to 50254. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
5/22/2020 15:08:45

**Technician:** Larry B. Dunard







# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

May 28, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #40	5/27/2020
Picture	5/27/2020
Sketch	5/27/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120009861

**Date:** May 27, 2020

**HCEA Project No.:** 16541B

**Report No.:** 40

**Weather/Temp:** Fog 68 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 1 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Precontee Inc.

**Total Time:** 2 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of lifts of soil, compacted with a smooth drum roller in the vicinity of stakes 50230 to 50257. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

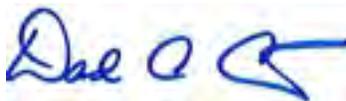
### Test Performed:

soil check , nuclear density gauge

### Referenced Plan:

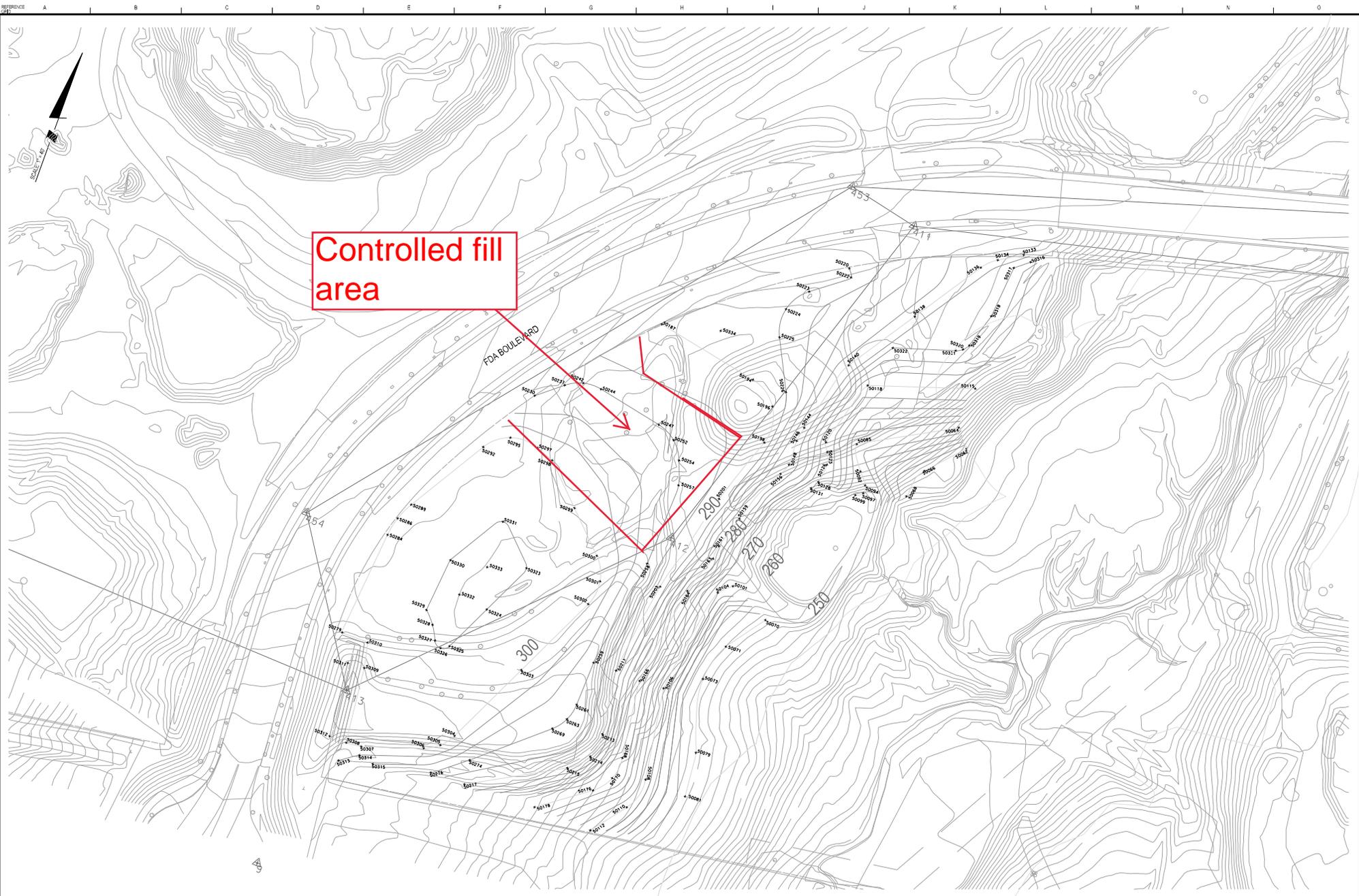
### Problems:

**Reviewed By:** David Anthony Adkins  
5/28/2020 16:53:51



**Technician:** Larry B. Dunard





Controlled fill area

FDA BOULEVARD

**SOLTESZ, INC.**  
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 Environmental Sciences

Rockville  
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 2 Research Place, Suite 100  
 Rockville, MD 20850  
 P. 301,948,2750 F. 301,948,9057  
 www.soltesz.com

NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 THE INFORMATION CONTAINED HEREIN IS BASED ON THE RECORD DRAWINGS AND FIELD SURVEY DATA. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION.

NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 NORTH 1" = 40'
<b>VIVA - PRECONTEE</b>		
SHEET	5	PROJECT NO. 202004002
OF	6	

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

June 5, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #41	6/3/2020
Picture	6/3/2020
Picture	6/3/2020
Sketch	6/3/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120010386

**Date:** June 3, 2020

**HCEA Project No.:** 16541B

**Report No.:** 41

**Weather/Temp:** Partly Cloudy 93 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 2 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 3 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the excavation at former pond area near stakes 50097 to 50099 at approximate elevation 249.

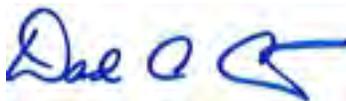
A probe rod was used to check the stability of the soil subgrade. The areas checked were found to be firm. Subgrade material primarily bank run sand and gravel.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
6/4/2020 20:13:22



**Technician:** Larry B. Dunard







# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

June 7, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #42	6/4/2020
Picture	6/4/2020
Picture	6/4/2020
Picture	6/4/2020
Sketch	6/4/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

## FIELD REPORT

**Work Order No.:** WOHC120010504

**Date:** June 4, 2020

**HCEA Project No.:** 16541B      **Report No.:** 42

**Weather/Temp:** Partly Cloudy 80 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 2 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 3 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of lifts of recycled aggregate, compacted with a smooth drum roller within the area previously occupied by a storm water facility in the vicinity of stakes 50070 to 50099. Area of fill approximately 105'x50'. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

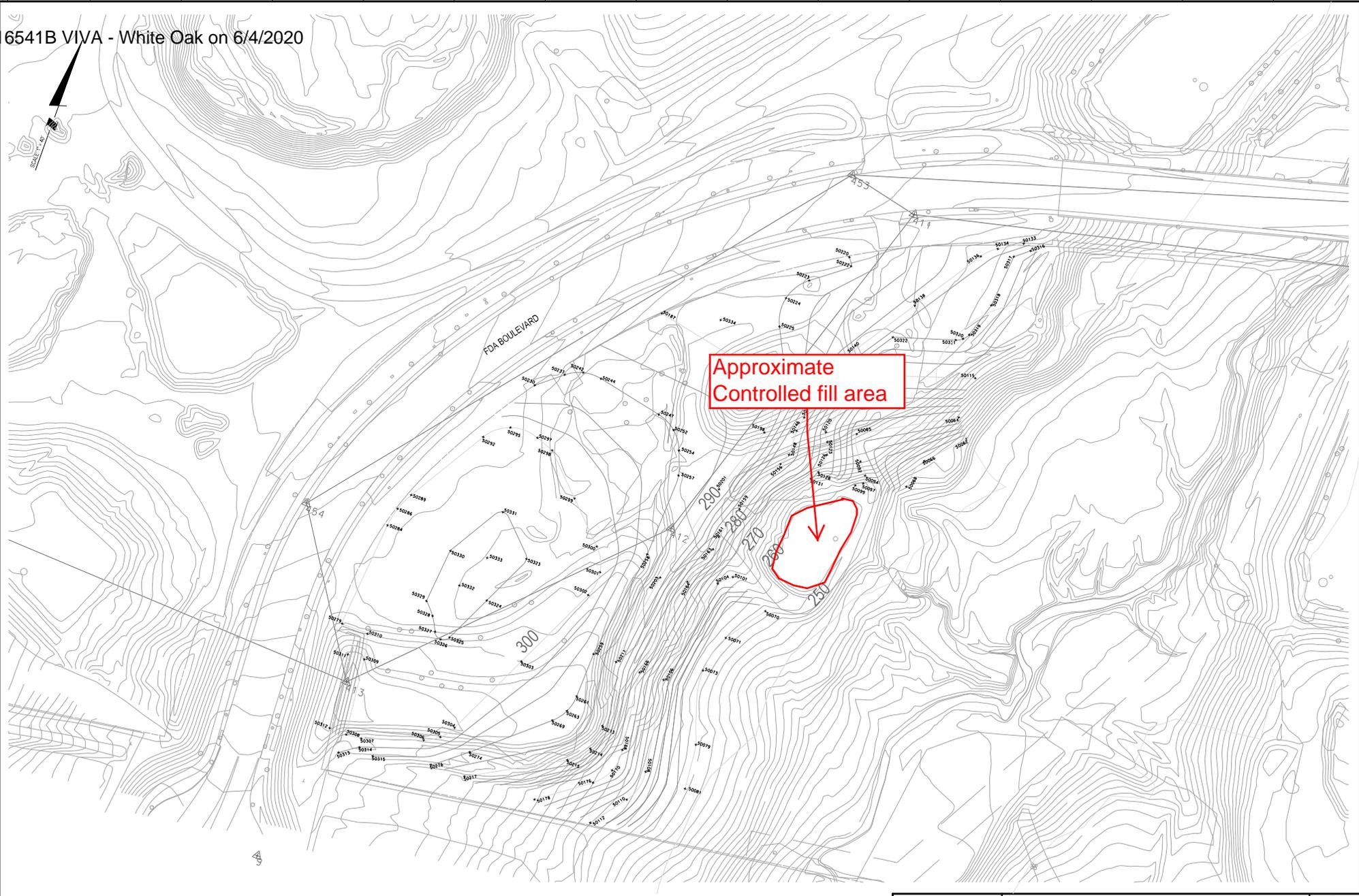
**Reviewed By:** David Anthony Adkins  
6/7/2020 16:43:37

**Technician:** Larry B. Dunard









**SOLTESZ, INC.**  
 Engineering  
 Surveying  
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 Environmental Services

Rockville Office  
 2 Research Place, Suite 100  
 Rockville, MD 20850  
 P. 301.946.7199 F. 301.948.9057  
 www.soltesz.com

NO.	DATE	DESCRIPTION

**MIS UTILITY NOTE**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES AND STRUCTURES TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND PUBLIC ROADS AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION AFTER CONSTRUCTION IS COMPLETE.

NO.	DATE	DESCRIPTION

<b>ROUGH GRADING - AREA F</b>		 SHEET 5 OF 6 DATE 06/04/2020
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

June 11, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

---

**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

---

### ENCL:

Daily Report #43	6/8/2020
Picture	6/8/2020
Picture	6/8/2020
Picture	6/8/2020
Sketch	6/8/2020
Daily Report #44	6/9/2020
Picture	6/9/2020
Sketch	6/9/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120010717

**Date:** June 8, 2020

**HCEA Project No.:** 16541B

**Report No.:** 43

**Weather/Temp:** Clear 91 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 5 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 6 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the soil placement in controlled lifts, compacted with a smooth drum roller at former pond location near stakes 50097 to 50099.

The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement. The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

Nuke

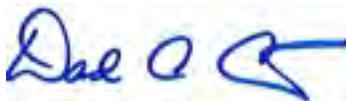
### Referenced Plan:

Sketch Attached

### Problems:

None Noted

**Reviewed By:** David Anthony Adkins  
6/11/2020 10:47:22

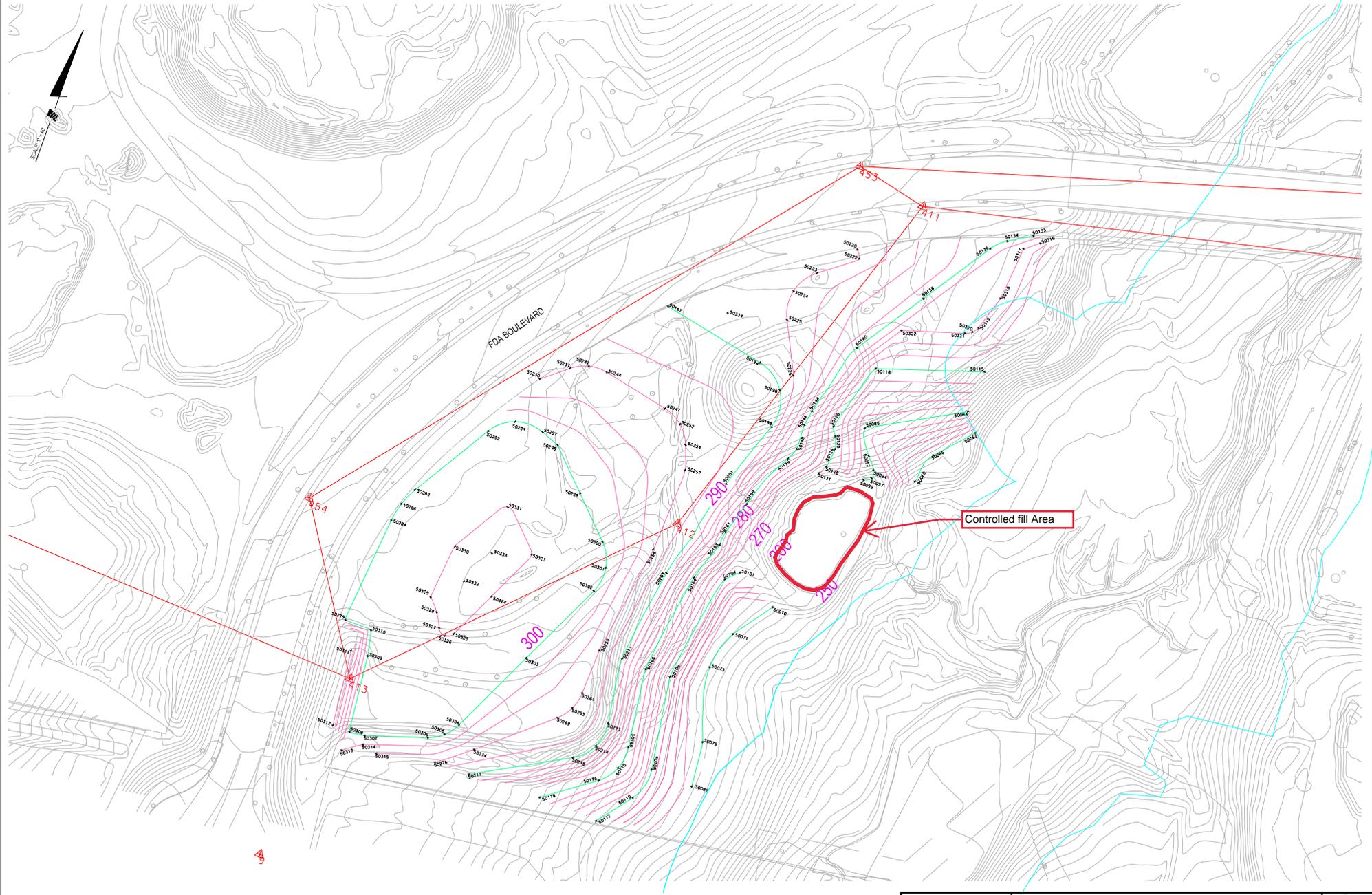


**Technician:** Fraidoon Zarifi









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 Engineering  
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 Environmental Sciences

Rockville Office  
 2 Research Place, Suite 100  
 Rockville, MD 20850  
 P. 301.946.7199 F. 301.946.9057  
 www.soltesz.com

NO.	DATE	DESCRIPTION

**MIS UTILITY NOTE**  
 THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION.

NO.	DATE	DESCRIPTION

**ROUGH GRADING - AREA F**

**VIVA - PRECONTEE**

SHEET **5**  
 OF **6**

PROJECT NO.  
 16541B-042

DATE PLOTTED  
 6/8/2020

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# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120010775

**Date:** June 9, 2020

**HCEA Project No.:** 16541B

**Report No.:** 44

**Weather/Temp:** Sunny 91 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 3 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 4 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the soil placement in controlled lifts, compacted with a smooth drum roller at pond area near stakes 50097 to 50099. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement. The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

**Test Performed:**  
COMPACTION TEST

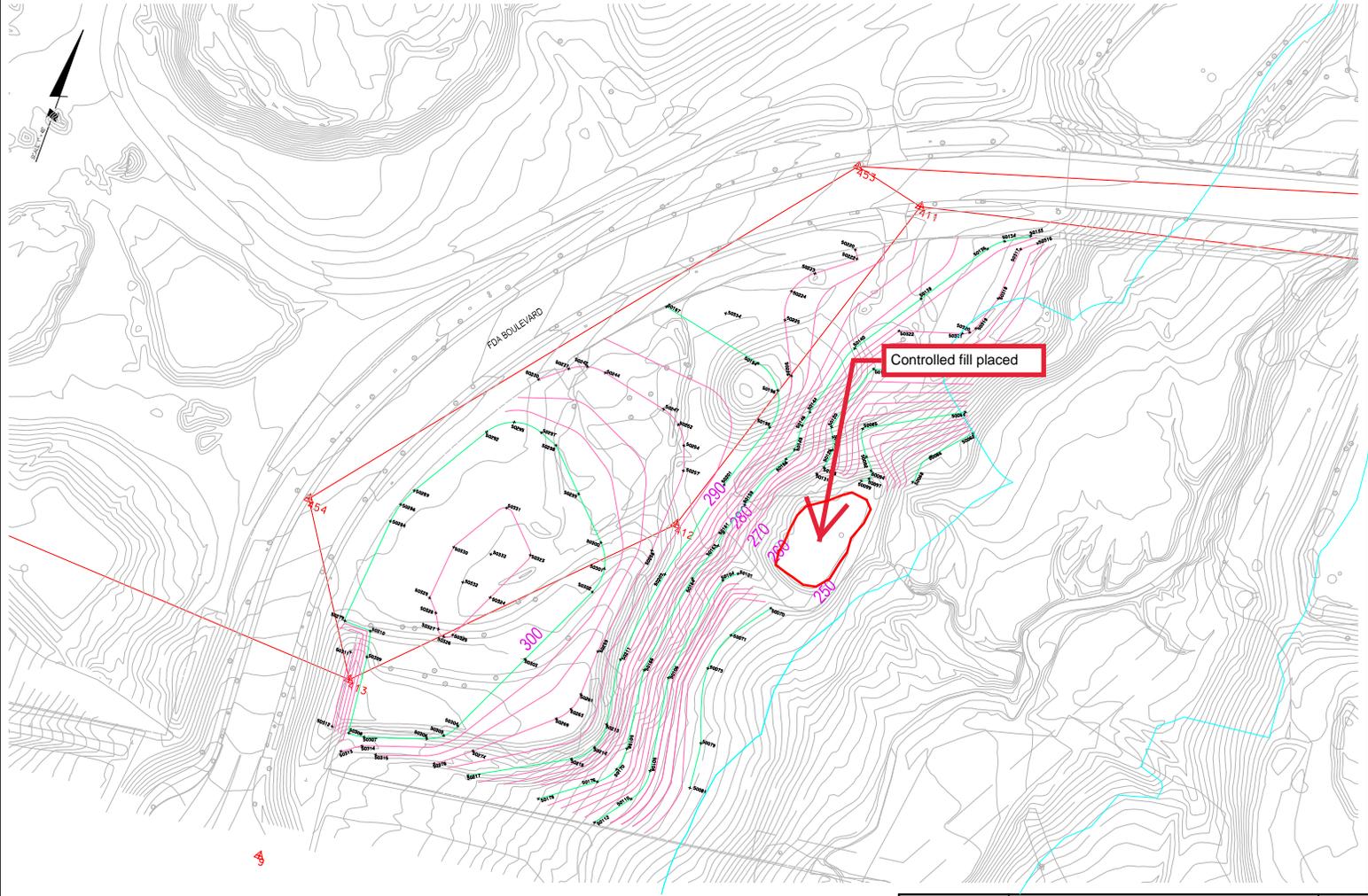
**Referenced Plan:**

**Problems:**  
N/A

**Reviewed By:** David Anthony Adkins  
6/11/2020 10:51:36

**Technician:** Prince J. Osidje





Controlled fill placed

**SOLTESZ, INC.**  
 RDMVILLE OFFICE  
 2 Research Plaza, Suite 100  
 Rockville, MD 20850  
 P: 301.948.2700 F: 301.948.0501  
 www.soltesz.com

Revised			
Checked			
Drawn			
Reviewed			
Project			
Scale			
Date			

**MIS UTILITY NOTE**  
 This drawing shows the location of existing and proposed utilities. The utility owner should be contacted to verify the location, depth, and status of all utilities before construction begins.

NO. 1	DATE	DESCRIPTION
1	6/9/2020	ISSUED FOR PERMIT

<b>ROUGH GRADING - AREA F</b>		 NORTH SCALE 1" = 5' 1" = 6' 1" = 10'
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

June 14, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #45	6/10/2020
Picture	6/10/2020
Picture	6/10/2020
Sketch	6/10/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120010900

**Date:** June 10, 2020

**HCEA Project No.:** 16541B

**Report No.:** 45

**Weather/Temp:** Clear 93 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 2 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 3 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the soil placement in controlled lifts, compacted with a smooth drum roller within area previously occupied by a pond in the vicinity of stakes 50097 to 50099. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement. The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

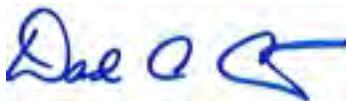
compaction test

### Referenced Plan:

### Problems:

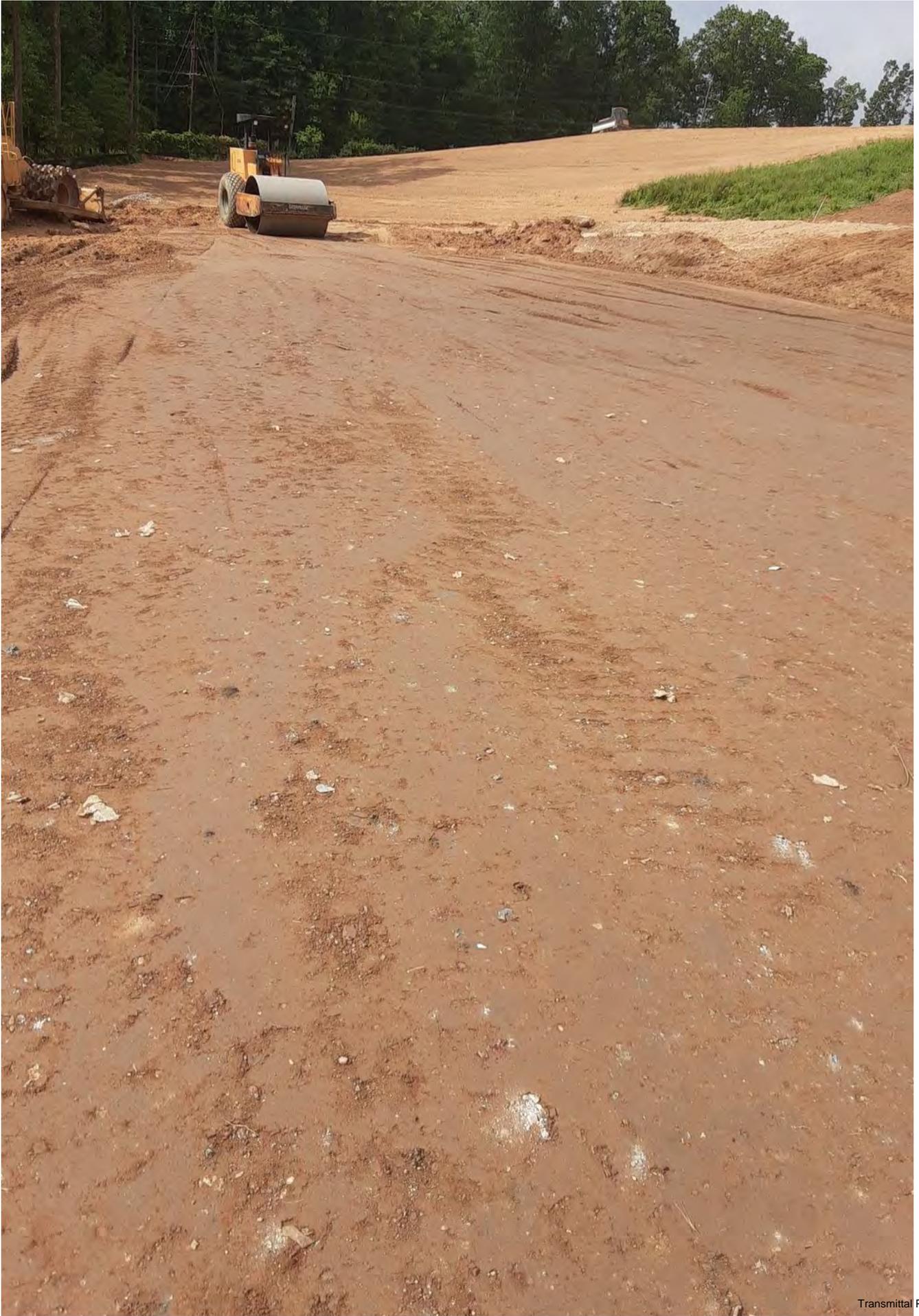
n/a

**Reviewed By:** David Anthony Adkins  
6/14/2020 14:29:47



**Technician:** Prince J. Osidje







# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

June 19, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

---

### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #46	6/16/2020
Picture	6/16/2020
Picture	6/16/2020
Sketch	6/16/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120011265

**Date:** June 16, 2020

**HCEA Project No.:** 16541B

**Report No.:** 46

**Weather/Temp:** Partly Sunny 79 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 2 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Precontee Inc.

**Total Time:** 3 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Observed the placement of lifts of recycled aggregate, compacted with a smooth drum roller for the upper pond area in the vicinity of stakes 270 and 290. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

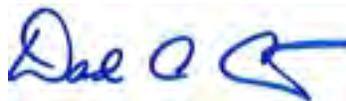
The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

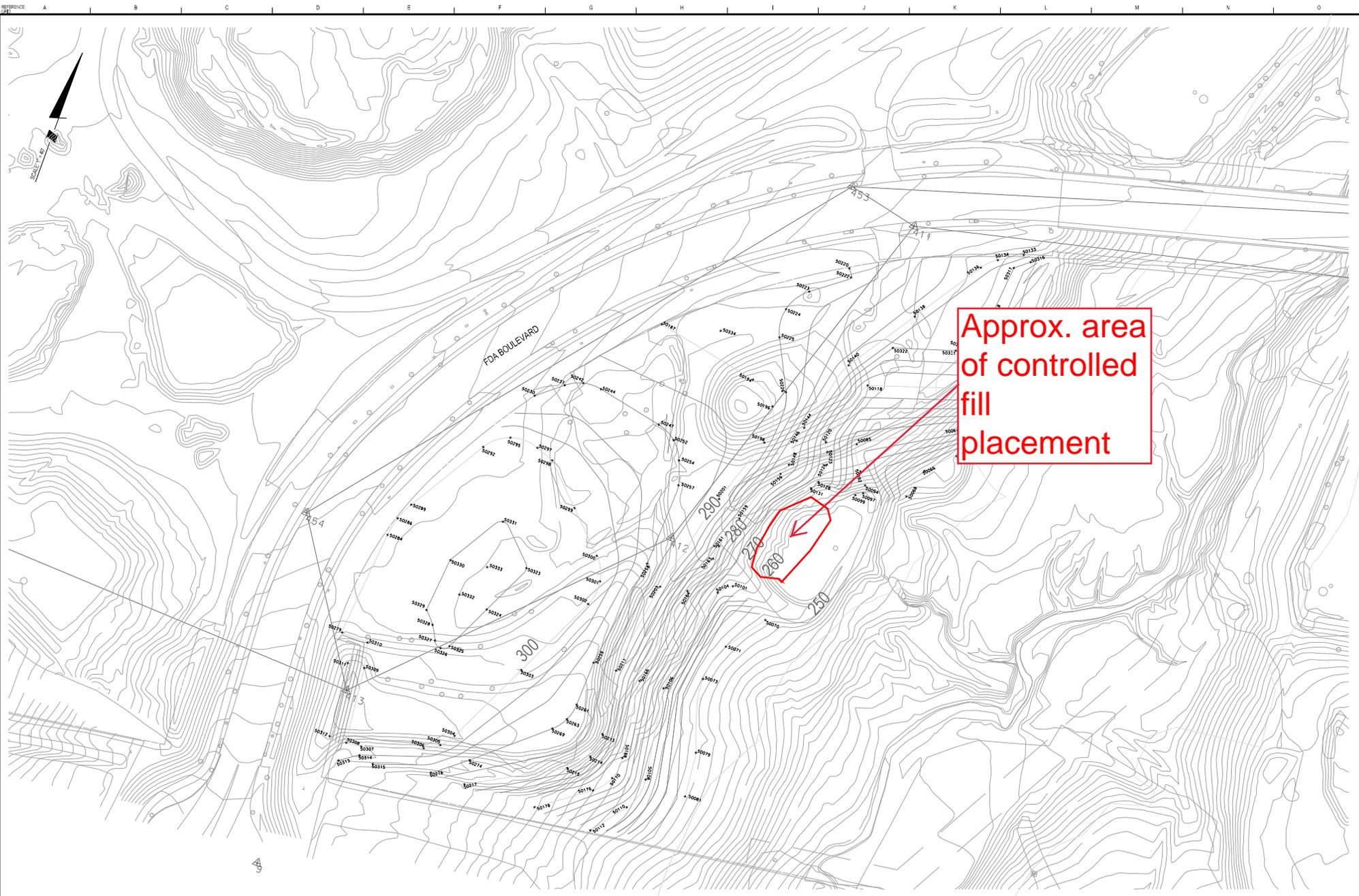
**Reviewed By:** David Anthony Adkins  
6/17/2020 16:31:50



**Technician:** Larry B. Dunard







Approx. area  
of controlled  
fill  
placement

**SOLTESZ, INC.**  
 Engineering  
 Surveying  
 Planning  
 Environmental Sciences

Rockville  
 Lanham  
 Leesylvania  
 Florida  
 Solihay DC, LLC

ROCKVILLE OFFICE  
 2 Research Place, Suite 100  
 Rockville, MD 20850  
 P. 301,948,2750 F. 301,948,9057  
 www.soltesz.com

NO.	DATE	BY	CHKD.

**MISS UTILITY NOTE**  
 ANY UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY UNIDENTIFIED UTILITIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CROSSING AGREEMENTS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION.

NO.	DATE	BY	CHKD.

<b>ROUGH GRADING - AREA F</b>		 SHEET <b>5</b> OF <b>6</b> PROJECT NO. 16541B
<b>VIVA - PRECONTEE</b>		

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# LETTER OF TRANSMITTAL

June 20, 2020

Percontee Inc.  
11900 Tech Road  
Silver Spring, MD 20904

**RE:** VIVA - White Oak

**HCEA Project No.:** 16541B

**Location:** Calverton, MD

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### We are enclosing:

Materials Engineering Division Reports

Materials Laboratory Reports

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**CC:** Hillis-Carnes Engineering Associates - Chris Hillis

Percontee - Joe Horton

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### ENCL:

Daily Report #47	6/17/2020
Picture	6/17/2020
Picture	6/17/2020
Sketch	6/17/2020

# HILLIS-CARNES

## ENGINEERING ASSOCIATES

10975 Guilford Road, Suite A  
Annapolis Junction, MD 20701  
P (410) 880-4788 F (410) 880-4098

# FIELD REPORT

**Work Order No.:** WOHC120011366

**Date:** June 17, 2020

**HCEA Project No.:** 16541B

**Report No.:** 47

**Weather/Temp:** Partly Cloudy 76 °F

**Project Name:** VIVA - White Oak

**On Site Time:** 2 hr

**Client:** Percontee Inc.

**Travel Time:** 1 hr

**Contractor:** Percontee Inc.

**Total Time:** 3 hr

### Description of Work:

HCEA representative arrived on site to provide testing and observation services.

Already placed brown recycled material, compacted with a smooth drum roller for upper pond area in the vicinity of stakes 50159 and 50161. The Nuclear Density Test Method (ASTM D 6938) was used to determine the percent compaction of the fill placement.

The test results indicated that the compacted material at the areas tested, met the project requirements of 95% of the maximum dry density in general conformance with Modified Proctor Method AASHTO T 180.

### Test Performed:

### Referenced Plan:

### Problems:

**Reviewed By:** David Anthony Adkins  
6/20/2020 13:08:30

**Technician:** Larry B. Dunard





