



ECS Southeast, LLP

6151 Raeford Road, Suite A
Fayetteville, NC 28304
9104013288
9103230539

LETTER OF TRANSMITTAL

October 28, 2020
Boddie Noell Enterprises, Inc
1021 Noell Lane PO Box 1908
Rocky Mount, NC 27802
ATTN: Tracy Miller

RE: **Hardee's Cameron**
ECS Job # **33:5294**
Permits:
Location: **2471 NC Hwy 87 South**
Cameron, NC 28326

	<input checked="" type="checkbox"/> Field Reports	<input checked="" type="checkbox"/> For your use	<input checked="" type="checkbox"/> As requested
CC:	Boddie Noell Enterprises, Inc - Reggie Barnacascel Grade-Rite - Marvin Edmundson Harnett County - Donna Johnson	R & L Builders & Sons, LLC - Jose Garcia R & L Builders & Sons, LLC - Ricky Barnhill R & L Builders & Sons, LLC - Stacey Langley	

ENCL: Field Report # 10 10/20/2020

Jack Edgar Cowsert, P.E.
Senior Project Engineer

Ryan H. Parrish
Construction Materials Project Manager

Disclaimer

- 1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.*
- 2. The information in this report relates only to the activities performed on the report date.*
- 3. Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.*
- 4. Incomplete or non-conforming work will be reported for future resolution.*
- 5. The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.*



ECS Southeast, LLP
6151 Raeford Road, Suite A
Fayetteville, NC 28304
(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

FIELD REPORT

Project **Hardee's Cameron**
Location **Cameron, NC**
Client **Boddie Noell Enterprises, Inc**
Contractor **Boddie Noell Enterprises, Inc**

Project No. **33:5294**
Report No. **10**
Day & Date **Tuesday 10/20/2020**
Weather **82 °/ Sunny**
On-Site Time **1.25**
Lab Time **0.25**
Travel Time* **1.00**
Total **2.50**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage* 50	Time of Arrival	Departure
Chargeable Items			2:45P	4:00P

* Travel time and mileage will be billed in accordance with the contract.

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to observe proof rolling of the parking and drive areas prior to the full depth of stone placement. Approximately 2 inches of ABC stone was spread across the soil subgrade to prevent from damaging the sandy subgrade materials with construction traffic.

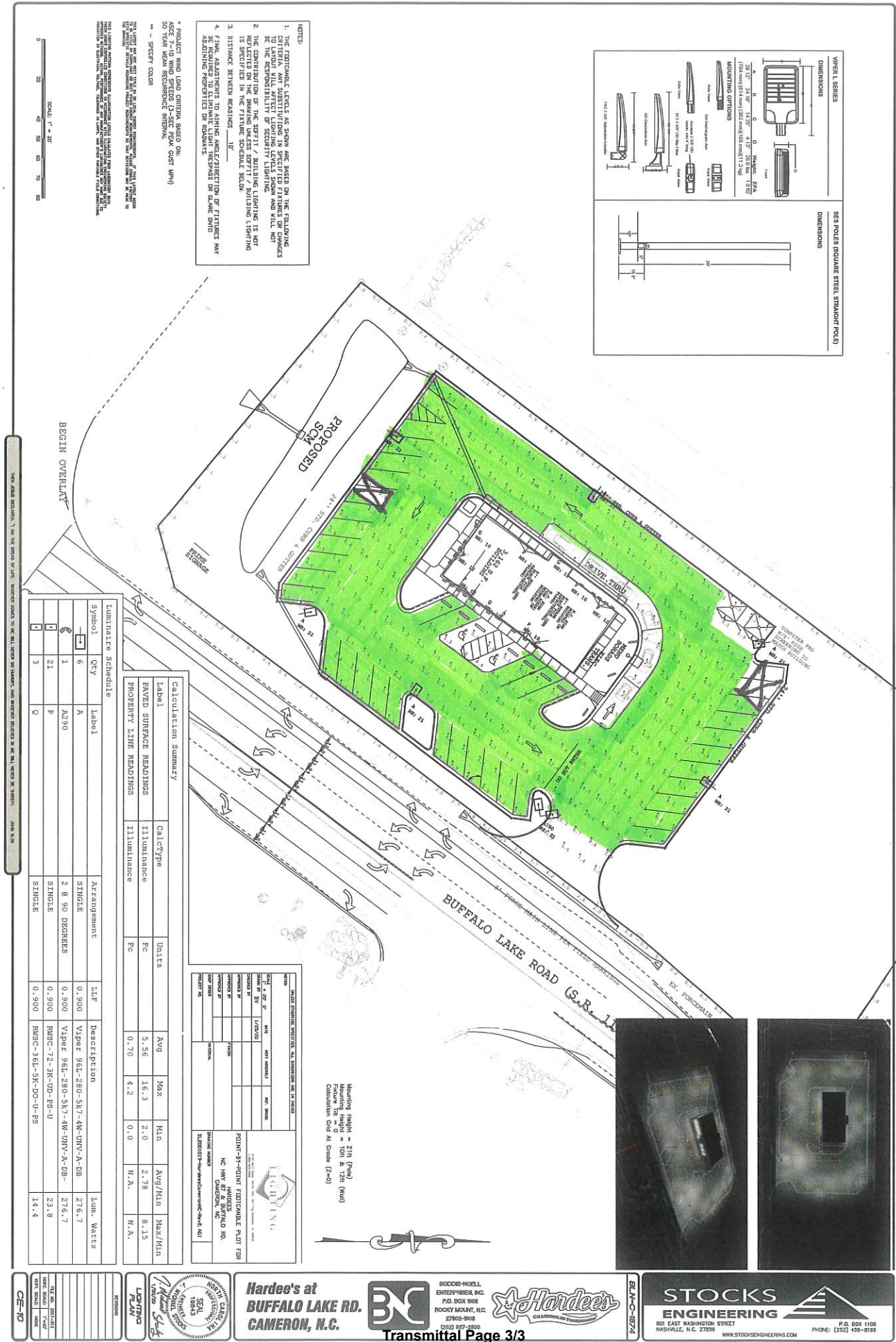
Please see the attached sketch.

Utilizing a loaded tandem axle dump truck, with a vehicle weight in excess of 30,000 pounds, the identified area was proof rolled and no pumping or rutting was observed.

It is the opinion of ECS, that the building pad area is in a sufficient condition to receive proposed depth of Aggregate Base Course.

ECS will return upon request.

33:5244 HARDEE'S CAMERON
 D. JOHNSON 02/02/2010



NOTES

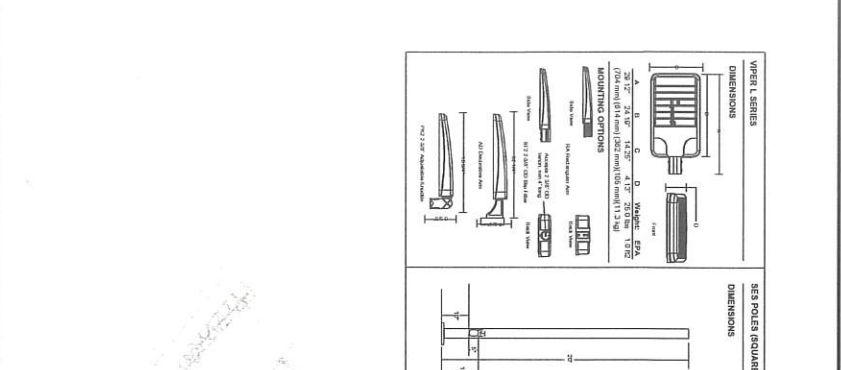
1. THE PROPOSED LIGHT AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA AND SUBSTITUTIONS IN SPECIFIED FEATURES OR CHANGES TO THE SPECIFICATIONS. THE SUBSTITUTIONS WILL NOT BE REFLECTED IN THE DRAWING UNLESS SPECIFIED IN THE NOTES.
2. THE CONTRIBUTION OF THE SPILL / BUILDING LIGHTING IS NOT SPECIFIED IN THE FOLLOWING SCHEDULE BELOW.
3. DISTANCE BETWEEN READINGS _____ FT.
4. FINAL ADJUSTMENTS TO AIMING ANGLE/DIRECTION OF FIXTURES MAY ADMINISTERED BY THE CONTRACTOR TO ACHIEVE THE BEST RESULTS.

* PROJECT WIND LOAD CRITERIA BASED ON ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH)

— SPECIFY COLOR

THIS LIGHTING PLAN IS THE PROPERTY OF STOCKS ENGINEERING. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF STOCKS ENGINEERING. THE USER OF THIS PLAN AGREES TO HOLD STOCKS ENGINEERING HARMLESS FROM AND AGAINST ALL LIABILITY, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, THAT MAY BE INCURRED BY STOCKS ENGINEERING AS A RESULT OF THE USER'S USE OF THIS PLAN.

SCALE: 1" = 20'



Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAVED SURFACE READINGS	ILLUMINANCE	FC	5.56	16.3	2.0	2.78	8.15
PROPERTY LINE READINGS	ILLUMINANCE	FC	0.70	4.2	0.0	N.A.	N.A.

Luminaires Schedule

Symbol	Qty	Label	Arrangement	LIF	Description	Lum. Watts
1	5	A	SINGLE	0.900	VADOC 96L-280-SK-7-4W-DNV-A-DB	276.7
2	1	A290	2 @ 90 DEGREES	0.900	VADOC 96L-280-SK-7-4W-DNV-A-DB-	276.7
3	21	P	SINGLE	0.900	RNSC-72-3K-UD-PS-U	23.8
4	3	Q	SINGLE	0.900	RNSC-36L-5K-DO-U-PS	14.4

POINT-TO-POINT FOOTCANDLE PLLOT FOR

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

Mounting height = 21ft (Peak)
 Fixture height = 0ft @ 12ft (Vadoc)
 Calculation Grid At Grade (2'-0")

NOTES

1. THE PROPOSED LIGHT AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA AND SUBSTITUTIONS IN SPECIFIED FEATURES OR CHANGES TO THE SPECIFICATIONS. THE SUBSTITUTIONS WILL NOT BE REFLECTED IN THE DRAWING UNLESS SPECIFIED IN THE NOTES.
- 2. THE CONTRIBUTION OF THE SPILL / BUILDING LIGHTING IS NOT SPECIFIED IN THE FOLLOWING SCHEDULE BELOW.
- 3. DISTANCE BETWEEN READINGS _____ FT.
- 4. FINAL ADJUSTMENTS TO AIMING ANGLE/DIRECTION OF FIXTURES MAY ADMINISTERED BY THE CONTRACTOR TO ACHIEVE THE BEST RESULTS.

* PROJECT WIND LOAD CRITERIA BASED ON ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH)

— SPECIFY COLOR

THIS LIGHTING PLAN IS THE PROPERTY OF STOCKS ENGINEERING. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF STOCKS ENGINEERING. THE USER OF THIS PLAN AGREES TO HOLD STOCKS ENGINEERING HARMLESS FROM AND AGAINST ALL LIABILITY, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, THAT MAY BE INCURRED BY STOCKS ENGINEERING AS A RESULT OF THE USER'S USE OF THIS PLAN.

SCALE: 1" = 20'



Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAVED SURFACE READINGS	ILLUMINANCE	FC	5.56	16.3	2.0	2.78	8.15
PROPERTY LINE READINGS	ILLUMINANCE	FC	0.70	4.2	0.0	N.A.	N.A.

Luminaires Schedule

Symbol	Qty	Label	Arrangement	LIF	Description	Lum. Watts
1	5	A	SINGLE	0.900	VADOC 96L-280-SK-7-4W-DNV-A-DB	276.7
2	1	A290	2 @ 90 DEGREES	0.900	VADOC 96L-280-SK-7-4W-DNV-A-DB-	276.7
3	21	P	SINGLE	0.900	RNSC-72-3K-UD-PS-U	23.8
4	3	Q	SINGLE	0.900	RNSC-36L-5K-DO-U-PS	14.4

POINT-TO-POINT FOOTCANDLE PLLOT FOR

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

PROJECT NO. _____

DATE _____

DESIGNED BY _____

CHECKED BY _____

SCALE _____

☒ = DUMPSTER / MATERIAL BLOCKING PROOF ROLL
 ■ = PROOF ROLL LOCATION