

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 140 GEORGE PERRY LEE RD. (SUB 14)
 SUBDIVISION _____ LOT # _____

ISSUED TO: DONALD GLENN HOBSON

NEW REPAIR EXPANSION RELOCATION Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: EXT 3-BEDROOM STD

Proposed Wastewater System Type: 25% REDUCTION STD

Projected Daily Flow: 366 GPD

Number of bedrooms: 3 Number of Occupants: 6 max

Basement Yes No

Pump Required: Yes No May be required based on final location and elevations of facilities

Type of Water Supply: Community Public Well Distance from well NA feet

Permit valid for: Five years No expiration

Permit conditions: _____

Authorized State Agent: [Signature] Date: 01/10/2023 SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: DONALD GLENN HOBSON PROPERTY LOCATION: 140 GEORGE PERRY LEE RD (SUB 14)
 SUBDIVISION _____ LOT # _____

Facility Type: EXT 3-BR STD New Expansion Repair relocation

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** AT-GRADE 25% REDUCTION SYSTEM (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable)

AT-GRADE 25% REDUCTION (Repair)

<p>Installation Requirements/Conditions</p> <p>Septic Tank Size <u>1000</u> gallons</p> <p>Pump Tank Size <u>1000</u> gallons</p>	<p>Number of trenches <u>1</u></p> <p>Exact length of each trench <u>225</u> feet</p> <p>Trenches shall be installed on contour at a Maximum Trench Depth of: <u>14</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)</p>	<p>Trench Spacing: <u>9</u> Feet on Center</p> <p>Soil Cover: <u>6</u> inches [IMPORT] (Maximum soil cover shall not exceed 36" above the trench bottom)</p>
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Pump Requirements: _____ ft. TDH vs. _____ GPM

Aggregate Depth: NA inches below pipe
NA inches above pipe
NA inches total

Conditions: SEE NOTES, IMPORT COVER

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature] Date: 01/10/2023
DONALD GLENN HOBSON Construction Authorization Expiration Date: 01/10/2027

Application # ELI 2112-0013

Harnett County Department of Public Health Site Sketch

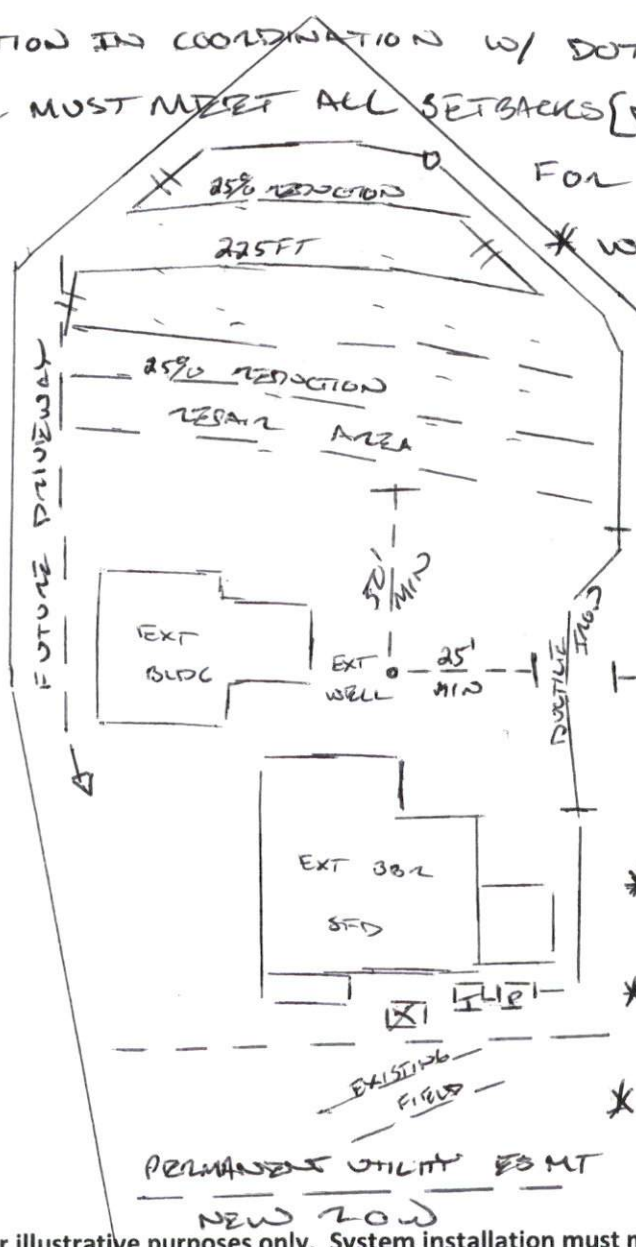
Property Location: 140 GEORGE PERRY LEE ROAD (SR 1841)

Issued To: DONALD GLENN HOBSON Subdivision _____ Lot # _____

Authorized State Agent: [Signature] Date: 01/10/2022
ANDREWS CURVIN

- * PUMP TO MEDIUM D-BOX REQUIRED [SERIAL OR EQUAL DISTRIBUTION]
- * FOLLOW CONSULTANTS LAYOUT [INCLUDED]
- * RELOCATION IN COORDINATION W/ DOT ADVISEMENT [ATTACHED]
- * INSTALL MUST MEET ALL SETBACKS [DOT & STATE] AND MUST ALLOW FOR FULL FUTURE REPAIR

* BE AWARE *
OF FUTURE
DRIVEWAY
LOCATION
* *



- * WELL SETBACK
↳ 50 FT MINIMUM - FIELD
- ↳ 25 FT MIN SUPPLY LINE
"IF CONSTRUCTED OF SIMILAR LEAKPROOF PIPE, SET AS DUCTILE IRON PIPE WITH MECHANICAL JOINTS SIMILAR TO WATER MAIN STANDARDS"
- [15A N.C. GA. 1950(e)(2)]
- * TANKS MUST BE OUTSIDE OF PERMANENT UTILITY ESMT
- * EXT TANK SHALL BE PUMP, CUSHED, AND BACKFILLED ON SITE
- * 6 IN MIN COVER REQUIRED [IMPORT COVER REQUIRED]

This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

← GEORGE PERRY LEE RD. (SR 1841)

Septic Report

Southeastern Soil & Environmental Associates, Inc.

P.O. Box 4321
Fayetteville, NC 28311
Phone/Fax (910) 822-4640
Email mike@southeasternsoil.com

July 22, 2019

Ms. Donna Finders
American Acquisition Group, LLC
PO Box 10024
Wilmington, NC 28404

Re: Soil and site evaluation for subsurface waste disposal system location/repairs,
Revised report for parcel 234, I-5883, I-95 project, Harnett County, North Carolina

Dear Ms. Finders,

A revised soils investigation and septic system analysis has been completed for the aforementioned parcel at the owner's request. **The owner has advised that the current home is a 3 bedroom (not 4 bedroom) as discussed in our previous report (6/19/2019).** The subject site is located on the I-95 corridor near Dunn, NC as shown on attached map. The purpose of the investigation was to determine potential impacts to existing subsurface waste disposal systems from a NCDOT road widening project. In addition, a determination was to be made if repairs could be accomplished on the remaining property (if impacted). All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

Southeastern Soil and Environmental Associates, Inc. (SSEA) performed the additional soil evaluation and septic design in July 2019. SSEA traversed the property and observed existing system components, landforms (slope, drainage patterns, etc.) and soil conditions through the use of hand auger borings and/or soil probes. In addition, owner interviews were conducted to help locate system components.

Following is a revised summary of finding:

Parcel 234 (Donald Glen Hobson)

It appears that components of the existing waste disposal system (front of home) will be impacted by proposed DOT acquisitions (proposed R/W and PUE run through existing septic drainfield). There is sufficient soil and space on the remaining parcel to support a new septic system and repair area for the existing use (**3BR home**) if the existing well is removed (properly abandoned; home is currently connected to public water).

The attached map shows the approximate usable soil area that could support a new septic system and new repair area (typically pump to 225 linear feet of an approved 25% reduction drainfield (gravelless).

A proposed septic design is attached to this report. An improvement permit must be obtained from the Harnett County Health Department to verify that the proposed new septic system and new repair area will be permitted.

This report, of course, only represents my professional opinion as a licensed soil scientist. Should any other system components be identified, the results of this analysis may be inaccurate or need modification (sometimes buried components such as septic tanks, drainlines and/or wells cannot be seen or located). SSEA cannot guarantee or warrant that the local health department will concur with the findings of this report. I trust this is the information you require at this time.

Sincerely,



Mike Eaker
President



SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: D.G. Hobson

LOT 140 George Perry Lee Rd

INITIAL SYSTEM: APPROVED 25% REDUCTION

REPAIR ^{pump to} APPROVED 25% REDUCTION

DISTRIBUTION: SERIAL

DISTRIBUTION SERIAL

BENCHMARK: 100.0

LOCATION LEFT REG. CORNER

NO. BEDROOMS: 3

LTAR 0.4 GPD/FT²

LINE FLAG COLOR ELEVATION LENGTH

Partial system

LINE	FLAG COLOR	ELEVATION	LENGTH
1	0	99.84	55'
2	B	99.89	70'
3	0	99.75	80'
4A	B	99.67	20'
			<u>225'</u>

Repair work

LINE	FLAG COLOR	ELEVATION	LENGTH
4B	B	99.67	65'
5	0/0	99.67	100'
6	B/B	99.58	100'
			<u>265' TOTAL</u>

BY M. EAUEN

DATE 7/17/19

TYPICAL PROFILE (MOST LIMITING)

0-14" solum (VF, wgs)

14-40" SCL (F, J&K)

10" R 7/2 @ 27"

INSTALL AT 14-15". ADD
3"-4" COVER AS NEEDED.

LANDSCAPE TO SHEED WATER

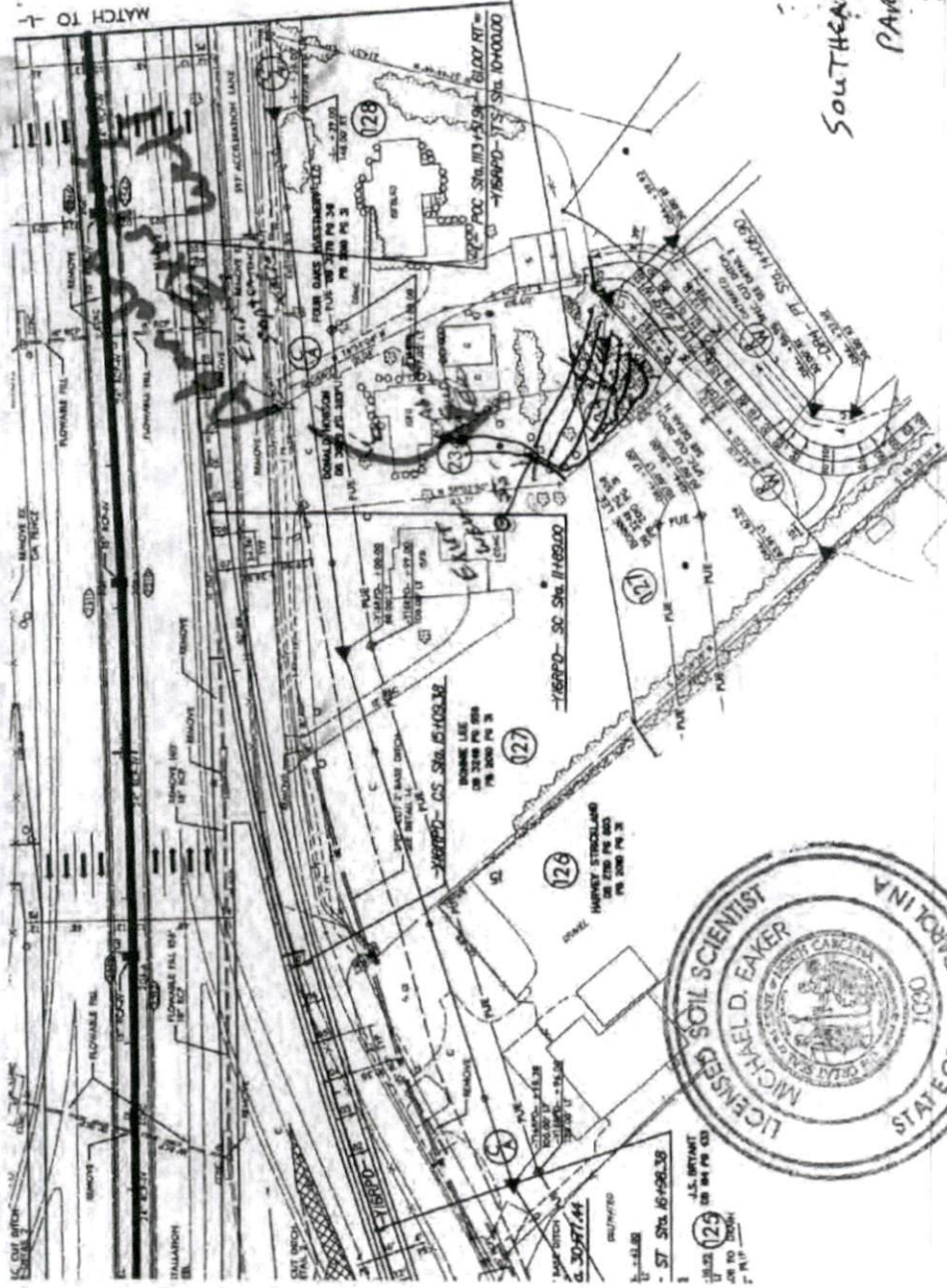
THERE SHALL BE NO GRADING,

CUTTING, LOGGING OR OTHER SOIL

DISTURBANCE IN SEPTIC AREA

HEALTH DEPARTMENT USE ONLY.

DESIGNS DO NOT GUARANTEE FUNCTIONALITY



Southeastern Soil
 PARCEL 234

1" = 100'



1 - ST SHA 66-08L38
 1 - AS SURVANT
 1 - 129 ON 84 PG 33
 ON 10 2008
 P. 110



PROPERTY LINES

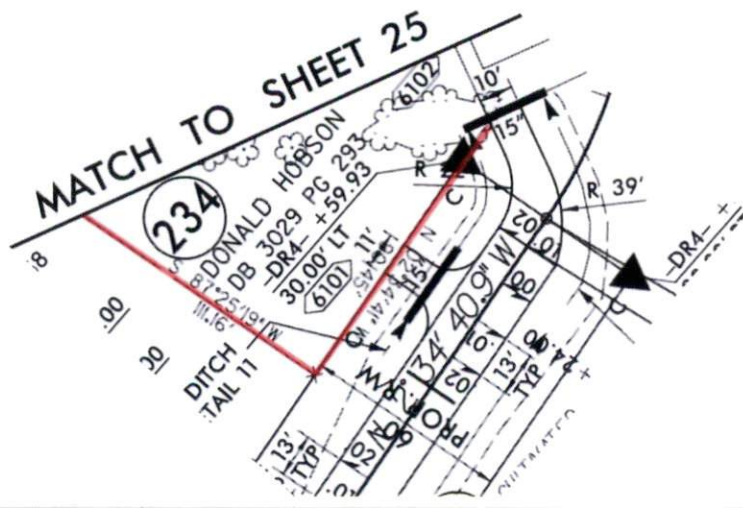
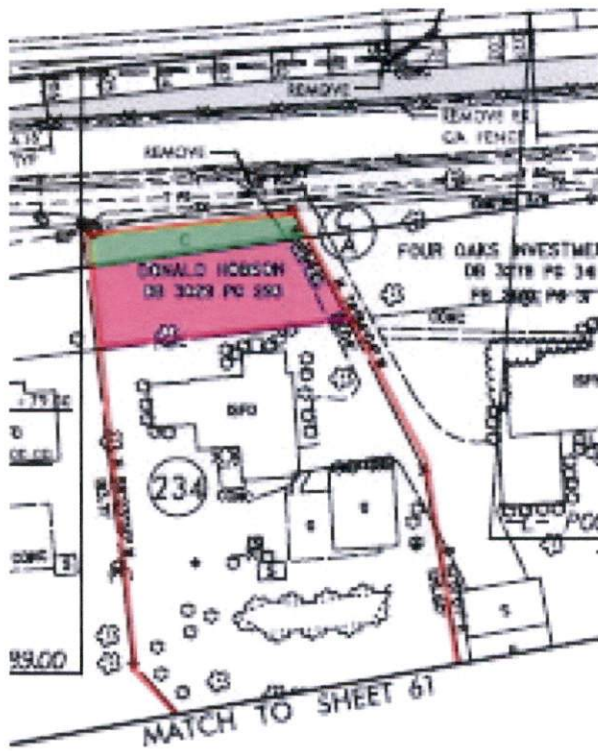


NEW RIGHT OF WAY 0.031 ACRE (1,370 sq ft)



PERMANENT UTILITY EASEMENT 0.081 ACRE (3,509 sq ft)

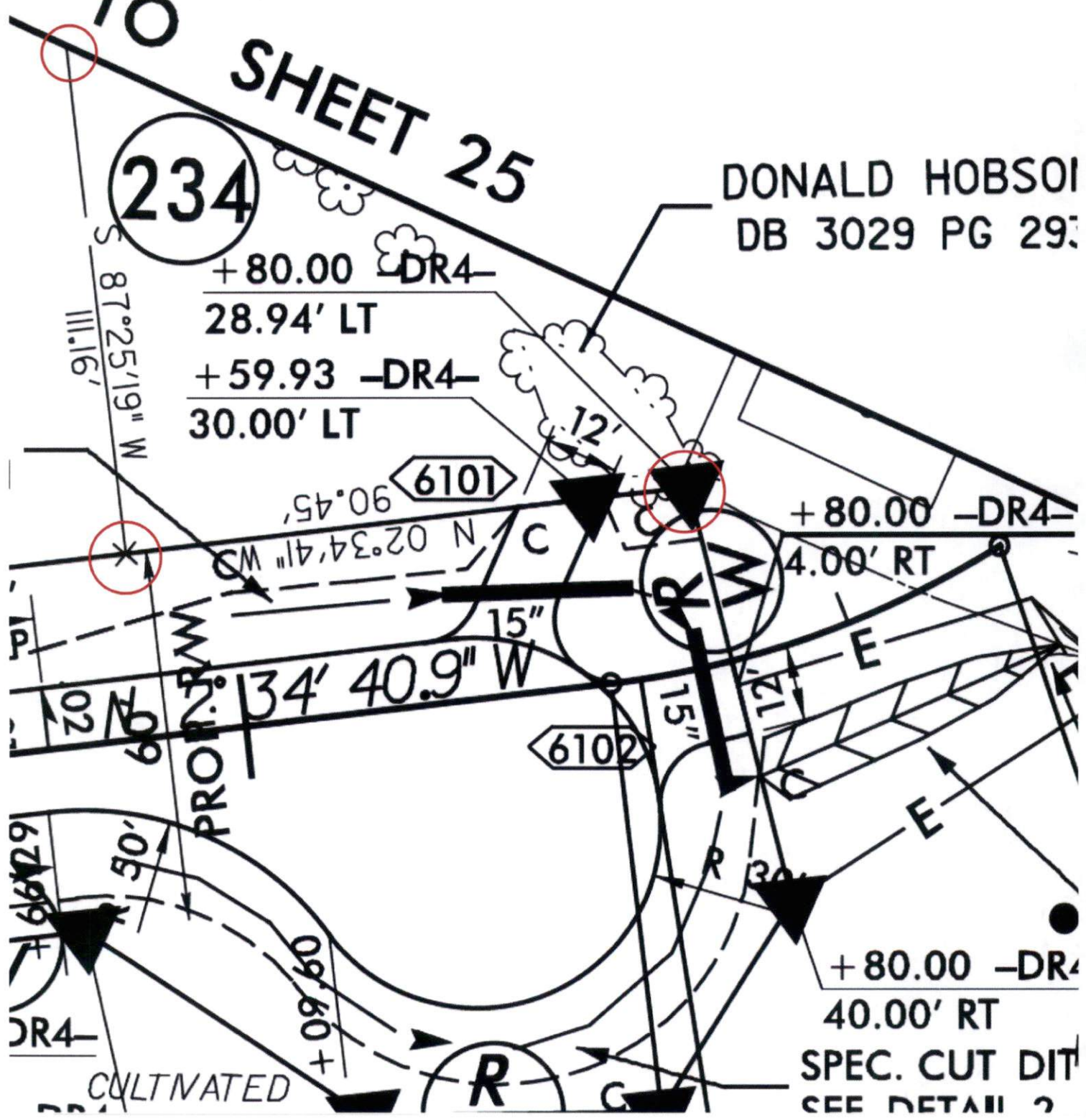
TOTAL AREA 0.673 ACRE TOTAL AREA REMAINING 0.642 ACRES



10 SHEET 25

234

DONALD HOBSON
DB 3029 PG 29



SPEC. CUT DIT
SEE DETAIL 2

REVISIONS
 DETAIL - SW REVISIONS CHANGED THE PROPERTY CHINESE NAME ON PARCELS 123, 124.

NO. 201-279-212
 PROJECT NO. 201-279-212
 SHEET NO. 212



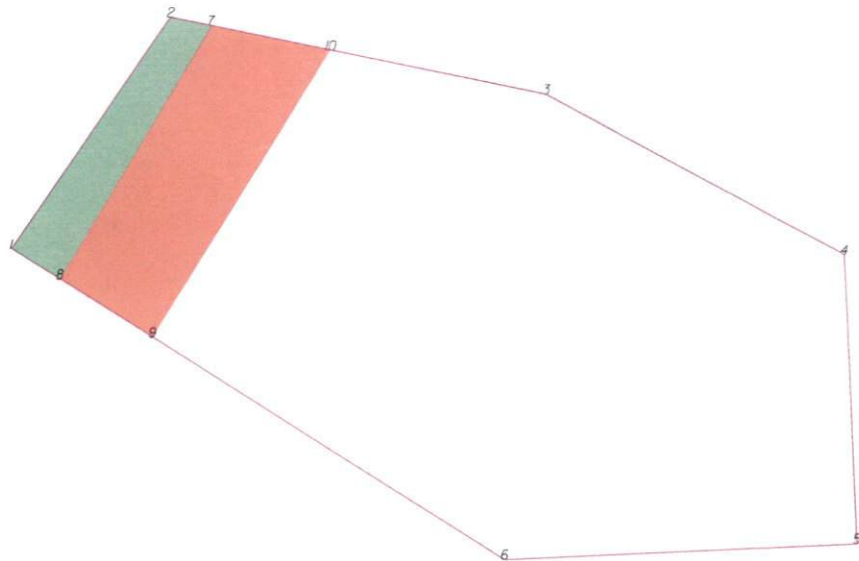
NOTE: EXISTING CURBS - SW
 UNLESS SHOWN OTHERWISE

FOR 211-212-213
 ON 211-212-213

PREPARED BY: [Signature] DATE: [Date]	
CHECKED BY: [Signature]	DATE: [Date]
PROJECT NO. 201-279-212 SHEET NO. 212	
MATCH TO -5815-POC MATCH TO -5815-POC	
MATCH TO -5815-POC MATCH TO -5815-POC	
MATCH TO -5815-POC MATCH TO -5815-POC	



-L- Sta 1112+00



THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS. THE PROPERTY SHOWN ON THIS MAP WAS LOCATED FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR HIGHWAY DESIGN PURPOSES. SOME ERROR MAY EXIST BETWEEN THE GRAPHICAL AND ACTUAL GROUND LOCATIONS OF PROPERTY LINES. THIS MAP IS TO BE USED AS A GRAPHICAL REPRESENTATION OF THE AGENT'S INTENT TO ACQUIRE PROPERTY FOR RIGHT OF WAY PURPOSES AND IN NO WAY REPRESENTS AN ACTUAL BOUNDARY SURVEY OF THIS PROPERTY.

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY BRANCH	
DONALD HOBSON	04-29-2019
PARCEL # 234	S:\CADD\5883\DDRAFT\5-5883_De
DB 3029 PG 293	UNKNOWN SCALE

ROW Right	SQR FT	ACRES	SQR M	HECTARES
	1370.80	0.031	127.294	0.03
FROM - TO		DISTANCE (FT/M)	BEARING	RADIUS (FT/M)
-L- Sta 1112+00 - 7		149.980	45.714	S 75°39'20.2" E
7 - 2		13.149	4.008	N 78°34'4.3" W
2 - 1		88.180	26.877	S 34°44'17.0" W
1 - 8		18.078	5.510	S 58°3'49.9" E
8 - 7		92.691	28.252	N 31°2'19.6" E

PUE Right	SQR FT	ACRES	SQR M	HECTARES
	3508.305	0.081	325.933	0.033
FROM - TO		DISTANCE (FT/M)	BEARING	RADIUS (FT/M)
-L- Sta 1112+00 - 8		151.982	46.324	S 39°54'38.6" E
8 - 9		34.523	10.523	S 58°3'49.9" E
9 - 10		106.129	32.348	N 31°55'49.4" E
10 - 7		38.397	11.703	N 78°34'4.3" W
7 - 8		92.691	28.252	S 31°2'19.6" W

TYPE	COUNT	SQR FEET	ACRES
Parcel	1	29083.945	0.668
ROW Right	1	1370.80	0.031
PUE Right	1	3508.305	0.081
ROW Left	0	0.000	0.000
PDE Left	0	0.000	0.000
PDE Right	0	0.000	0.000
TDE Left	0	0.000	0.000
TDE Right	0	0.000	0.000
TCE Left	0	0.000	0.000
TCE Right	0	0.000	0.000
PUE Left	0	0.000	0.000
TSE Left	0	0.000	0.000
TSE Right	0	0.000	0.000
DUE Left	0	0.000	0.000
DUE Right	0	0.000	0.000
DTE Left	0	0.000	0.000
DTE Right	0	0.000	0.000
AUE Left	0	0.000	0.000
AUE Right	0	0.000	0.000
PCE Left	0	0.000	0.000
PCE Right	0	0.000	0.000
TUE Left	0	0.000	0.000
TUE Right	0	0.000	0.000
REM Left	0	0.000	0.000
REM Right	0	0.000	0.000
Other Left	0	0.000	0.000
Other Right	0	0.000	0.000
PE Left	0	0.000	0.000
PE Right	0	0.000	0.000

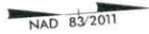
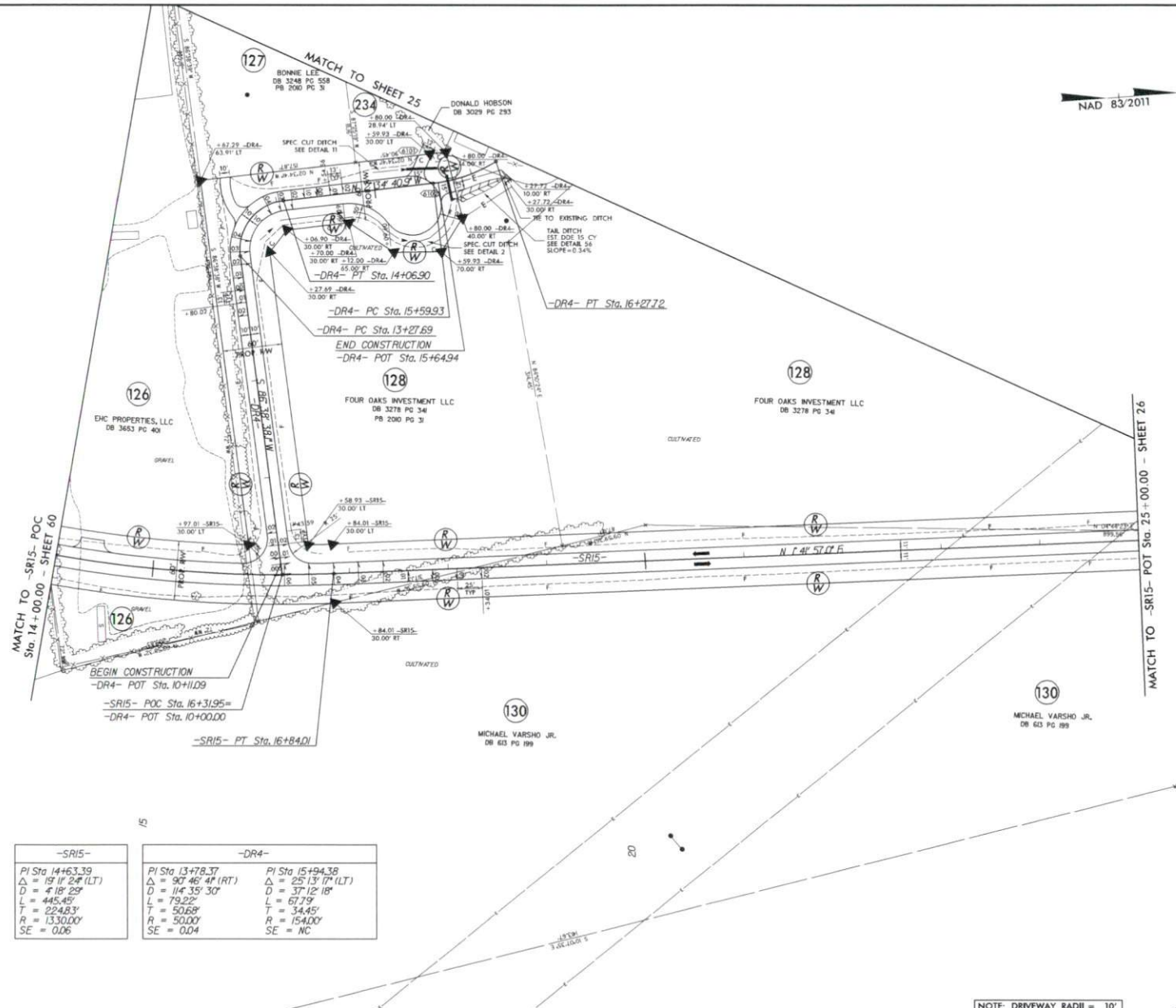
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY BRANCH	
DONALD HOBSON	04-29-2019
PARCEL # 234	S:\CADD\5883\DDRAFTV-5883_De
DB 3029 PG 293	UNKNOWN SCALE

8/17/19

REVISIONS

8/17/2019 10:42 AM
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 19-0888B_Plan.dwg



-SR15-		-DR4-	
PI Sta 14+63.39	PI Sta 13+78.37	PI Sta 15+94.38	
$\Delta = 57^{\circ} 24' (LT)$	$\Delta = 97^{\circ} 46' 49" (RT)$	$\Delta = 25^{\circ} 13' 17" (LT)$	
$D = 4' 18" 29"$	$D = 114' 35" 30"$	$D = 37' 12" 18"$	
$L = 445.45'$	$L = 79.22'$	$L = 67.79'$	
$T = 224.83'$	$T = 50.68'$	$T = 34.45'$	
$R = 1330.00'$	$R = 50.00'$	$R = 154.00'$	
$SE = 0.06$	$SE = 0.04$	$SE = NC$	

NOTE: DRIVEWAY RADII = 10' UNLESS SHOWN OTHERWISE

FOR -SR15- PROFILE SEE SHEET 120
 FOR -DR4- PROFILE SEE SHEET 130

PROJECT REFERENCE NO. 1-5883	SHEET NO. 61
REV. SHEET NO.	
ROADWAY DESIGN ENGINEER SOUTH CAROLINA PROFESSIONAL SEAL 022373 JAMES C. LAMPKIN	HYDRAULICS ENGINEER SOUTH CAROLINA PROFESSIONAL SEAL 28971 JAMES C. LAMPKIN
Signature: James C. Lamkin 5/13/2021	Signature: James C. Lamkin 5/13/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Michael Baker Corporation 1000 North 17th Street Trenton, NJ 08611	Michael Baker Corporation 1000 North 17th Street Trenton, NJ 08611