

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 118 Timber Rail Ln. (NC 42)
 ISSUED TO: Triangle Home Pros SUBDIVISION _____ LOT # 5
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____
 Type of Structure: 70x70 sfd, 3 beds 2.5 baths
 Proposed Wastewater System Type: 25% Reduction Sys
 Projected Daily Flow: 360 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: 08/25/2021 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: Triangle Home Pros PROPERTY LOCATION: 118 Timber Rail Ln. (NC 42)
 SUBDIVISION _____ LOT # 5
 Facility Type: 70x70 sfd, 3 beds 2.5 ba New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
Pump to 50% Red. PPBPS Sys. (Repair)
Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 3
 Pump Tank Size _____ gallons Exact length of each trench 90 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6 inches
 Maximum Trench Depth of: 18 inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
 Conditions: Gravity to D-Box Equal Distribution Required NA inches total

**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: 08/25/2021
[Signature] Construction Authorization Expiration Date: 08/25/2026

Harnett County Department of Public Health Site Sketch

Property Location: 118 Timber Rail Ln. (NC 42)

Issued To: Triangle Home Pros Subdivision _____ Lot # 5

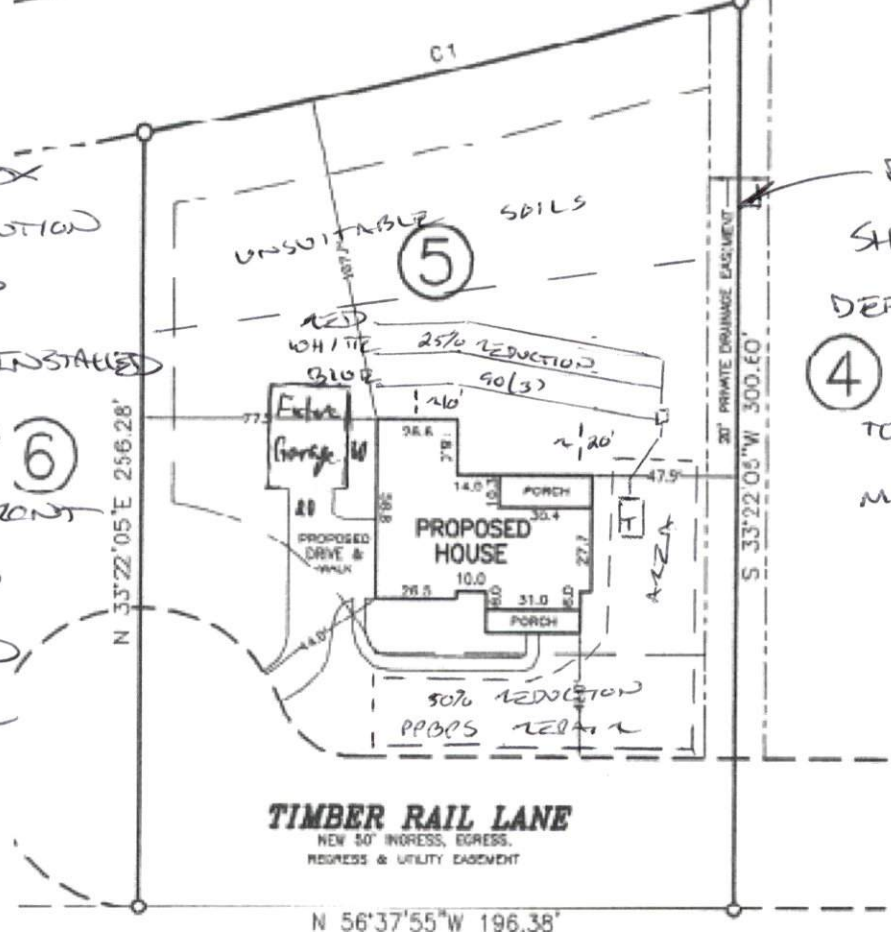
Authorized State Agent: _____ Date: 08/26/2021

Adjacent Curved
NORFOLK SOUTHERN RAILROAD
(100' R/W)

*GRAVITY TO D-BOX
EQUAL DISTRIBUTION
REQUIRED

*SIS. SHALL BE INSTALLED
TIGHT TO SID (6)
ON PUMP TO FRONT
REQUIRED

*SIS. FLAGGED,
ONSITE



DRAINAGE RESMT
SHALL BE CLEARLY
DEFINED AND
(4) FULLY FUNCTION
TO DIVERT WATER
MUMT OFF SYSTEM

LOT 5 OF
PROS LLC S/D

Curve	Radius	Length	Chord	Cho
C1	2945.90'	201.28'	201.25'	6.60

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

Adams Soil Consulting
1676 Mitchell Road
Angier, NC 27501
919-414-6761

November 1, 2019
Project #663

Triangle Home Pros

RE: Preliminary soil/site evaluation for Lots #1 -6 of the minor subdivision located adjacent to NC HWY 42 in Harnett County (previously Dixie Mobile Estates).

Mr. Culver,

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". From this evaluation, ASC sketched the boundary between the suitable soils and unsuitable soils onto a preliminary plat supplied by Mauldin-Watkins Surveying. The investigation was conducted prior to any subdivision construction activities and represents the conditions found at the time of investigation.

The suitable soils shown on the accompanying soil map have potential for a conventional type initial and repair area for at least one 3-bedroom home site on Lots 1-6. Each of these lots contains greater than 20,000 ft² of suitable soils that consist of clay subsoil that can support a daily loading rate of 0.25-0.4 gallons/day/ft². Each of these lots should accommodate a house foot print of at least 50' x 50'.

The specific septic systems and/or repair systems will be permitted by the Harnett County Health Department. Additionally the Harnett County Health Department will establish the loading rates for any proposed system. The areas for the proposed septic fields shall not be impacted by home sites, pools, garages and shall not be mechanically altered from the natural lay of the land.

The lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for a septic system. A septic system layout may be required before a permit can be issued on the above referenced lot demonstrating available space for the primary and repair septic areas. Due to the subjective nature of the permitting process and the variability of naturally occurring soils, Adams Soil Consulting cannot guarantee that areas delineated as suitable for on-site wastewater disposal systems will be permitted by the governing agency. The lot may require a septic system utilizing pumps, shallow or ultra-shallow conventional trench placement, low pressure pipe system, and/or reductions system for final approval. The accompanying soil map is preliminary in nature, no further assumptions or subdivision should be made without a more detailed evaluation.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me anytime. Thank you allowing me to perform this site evaluation for you.

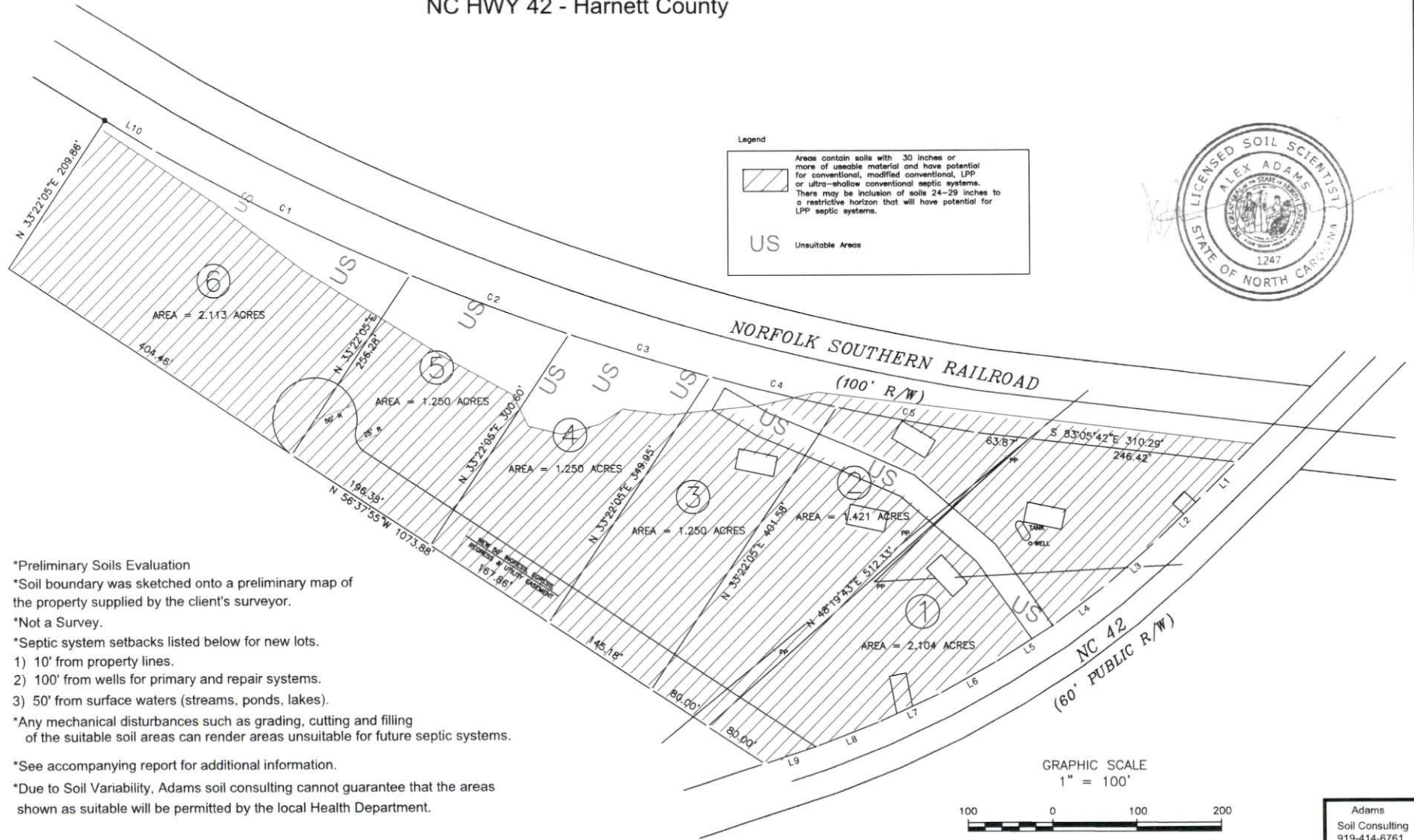
Sincerely,



Alex Adams
NC Licensed Soil Scientist #1247



Reconnaissance Soils Evaluation
 Triangle Home Pros
 Lots 1-6 - ~9.9 acres
 NC HWY 42 - Harnett County



Legend

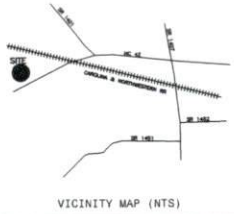
Areas contain soils with 30 inches or more of useable material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-29 inches to a restrictive horizon that will have potential for LPP septic systems.

US Unsuitable Areas



- *Preliminary Soils Evaluation
- *Soil boundary was sketched onto a preliminary map of the property supplied by the client's surveyor.
- *Not a Survey.
- *Septic system setbacks listed below for new lots.
 - 1) 10' from property lines.
 - 2) 100' from wells for primary and repair systems.
 - 3) 50' from surface waters (streams, ponds, lakes).
- *Any mechanical disturbances such as grading, cutting and filling of the suitable soil areas can render areas unsuitable for future septic systems.
- *See accompanying report for additional information.
- *Due to Soil Variability, Adams soil consulting cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.

Adams
 Soil Consulting
 919-414-6761
 Project #663



N.C. GRID NORTH MAP 83 (2011)
 NCGRS--RPN-NETWORK, GRID 128
 AUGUST 30, 2019 - SPECTRA 80

CERTIFICATION OF OWNERSHIP, DEDICATION AND JURISDICTION
 I HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OR AGENT OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I(WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY(OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING SETBACK LINES AND DESIGNATE ALL STREETS, ALLEYS, PAVES, AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED, AND ALL OF THE LAND SHOWN HEREON IS WITHIN THE SUBDIVISION JURISDICTION OF HARNETT COUNTY EXCEPT:

DATE: 2019
 TAX PARCEL ID NUMBER: 0628-80-8574.000
 OWNER: _____

I HEREBY CERTIFY THAT THE DEVELOPMENT DEPICTED HEREON HAS BEEN GRANTED FINAL APPROVAL FROM THE HARNETT COUNTY E-911 ADDRESSING, ENVIRONMENTAL HEALTH, PLANNING, PUBLIC UTILITIES, AND THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION. THIS PLAN IS SUBJECT TO ANY AND ALL CONDITIONS STATED BELOW AND IS ELIGIBLE FOR RECORDATION IN THE HARNETT COUNTY REGISTER OF DEEDS WITHIN THIRTY DAYS OF THE DATE BELOW.

E-911 ADDRESSING - _____
 PUBLIC UTILITIES (FOR FIRE CONNECTION) - _____
 NCDOT - _____
 SUBDIVISION ADMINISTRATOR: _____ DATE: _____

STATE OF NORTH CAROLINA
 COUNTY OF HARNETT

I, _____, REVIEW OFFICER OF HARNETT COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER: _____ DATE: _____

NORTH CAROLINA - HARNETT COUNTY

FILED DATE: _____ TIME: _____
 MAP NUMBER: _____

REGISTER OF DEEDS
 KIMBERLY S. HARGROVE

BY: _____
 ASST. DEPUTY REGISTER OF DEEDS

State of North Carolina, Wake County
 I, James W. Mauldin, certify that this map was drawn under my supervision from an actual survey made under my supervision, that the ratio of precision as calculated by latitudes and departures is 1/10,000,000, that the boundaries not surveyed are shown as broken lines plotted from information in book 382, page 382, that this map was prepared in accordance with G.S. 47-30 as amended.
 Witness my hand and seal this _____ day of _____, 2019.
 SIGNATURE: _____
 Licensed Number L-3247

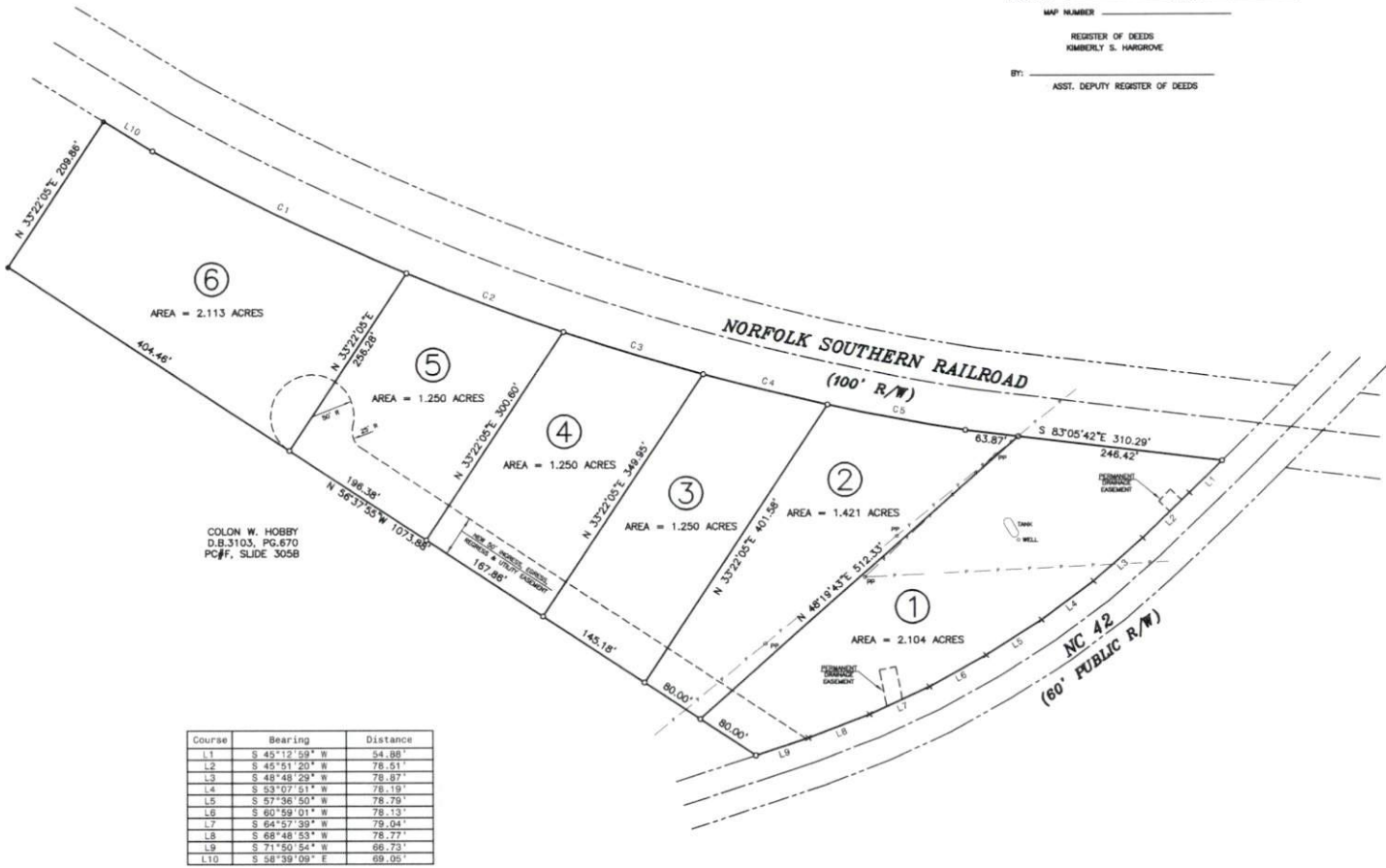
**PRELIMINARY PLAT
 NOT FOR RECORDATION**

- I, James W. Mauldin, Professional Land Surveyor No. L-3247, certify to one or more of the following as indicated:
- a. That this plat is a survey that creates a subdivision of land within the state of a county or municipality that has an ordinance that regulates persons of land.
 - b. That this plat is of a survey that is located in each portion of a county or municipality that is unregulated as to an ordinance that regulates persons of land.
 - c. That this plat is of a survey of an existing parcel or parcels of land.
 - d. That this plat is of a survey of another category, such as the reestablishment of existing points, a re-survey of other monuments to the definition of subdivision.
 - e. That the information available to this surveyor is such that I am unable to make a determination to the best of my professional ability as to provisions contained in (a) through (d) above.

James W. Mauldin, Professional Land Surveyor No. L-3247

**HARNETT COUNTY
 MINIMUM BUILDING
 SETBACK REQUIREMENTS**

FRONT: 35' FROM R/W
 REAR: 25'
 SIDE: 10'
 CORNER LOT SIDE: 20'



Course	Bearing	Distance
L1	S 45°12'59" W	54.88'
L2	S 45°51'20" W	78.51'
L3	S 48°48'29" W	78.87'
L4	S 53°07'51" W	78.19'
L5	S 57°36'50" W	78.79'
L6	S 60°59'01" W	78.13'
L7	S 64°57'39" W	79.04'
L8	S 68°48'53" W	78.77'
L9	S 71°50'54" W	88.75'
L10	S 58°39'09" E	89.05'

Curve	Radius	Length	Chord	Chord Bear.
C1	2945.90'	338.51'	338.32'	S 84°06'07" E
C2	2945.90'	201.36'	201.32'	S 69°21'07" E
C3	2945.90'	174.99'	174.96'	S 73°00'43" E
C4	2945.90'	154.10'	154.09'	S 76°12'44" E
C5	2945.90'	168.14'	168.12'	S 79°20'46" E

REFERENCES:
 PC#1, SLIDE 331
 D.B.3707, PG.386
 OTHER REFERENCES AS SHOWN

NOTES:
 (A.) THE PROPERTY SHOWN HEREON IS SUBJECT TO ALL EASEMENTS OF RECORD AFFECTING SAME.
 (B.) NO TITLE SEARCH HAS BEEN PERFORMED BY THIS FIRM DURING THE COURSE OF THIS SURVEY.
 (C.) THIS SURVEYOR DOES NOT CERTIFY TO THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITIES THAT MAY OR MAY NOT BE PRESENT ON THIS SITE.

THE SURVEYOR RELIED UPON THE CITY OR COUNTY FOR APPROVAL OF ALL APPLICABLE ORDINANCE AND HAS MADE NO INTERPRETATIONS OF THE ORDINANCES.

LEGEND:
 [Symbol] Existing Iron Pipe (Control Point)
 [Symbol] Iron Stake Set (unless otherwise noted)
 [Symbol] Existing Concrete Monument (Control Point)
 [Symbol] Concrete Monument Set
 [Symbol] Computed Point Only

All measurements shown are horizontal ground measurements unless otherwise noted.
 Area computed by coordinates
 Zone: RA-20M Proj: 0628-80-8574.000



OWNER:
 TRIANGLE HOME PROS LLC
 6312 LAURACA LANE
 FUQUAY-VARINA, N.C. 27526

**MINOR SUBDIVISION FOR:
 TRIANGLE HOME PROS LLC**

BUCKHORN TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA
 SCALE 1" = 100' AUGUST 30, 2019

MAULDIN - WATKINS SURVEYING, P.A.
 P.O. BOX 444 / 1301 W. BROAD ST.
 FUQUAY VARINA, NORTH CAROLINA 27526
 (919) 552-9326 C-929

JOB# 4548