

HTE# 15-5-3535HR

# Harnett County Department of Public Health

28388

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: GARY ROBERTSON HOMES LLC

PROPERTY LOCATION: 501435 Tripp RD  
SUBDIVISION: PUG Plantation @ Vineyard Co LOT # 25

NEW  REPAIR  EXPANSION

Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: SFD

Proposed Wastewater System Type: Pump to 25% (SFD) System

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 \_\_\_\_\_ feet

Permit valid for:  Five years

Permit conditions: \_\_\_\_\_  No expiration

Authorized State Agent: James E. Maxson

Date: 5-27-15

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: GARY ROBERTSON HOMES LLC

PROPERTY LOCATION: 501435 Tripp RD  
SUBDIVISION: PUG Plantation @ Vineyard Co LOT # 25

Facility Type: SFD  New  Expansion  Repair

Basement?  Yes  No Basement Fixtures?  Yes  No

Type of Wastewater System\*\* Pump to 25% (SFD) System (Initial) Wastewater Flow: 360 GPD

(See note below, if applicable ) Pump to PPBPS (Repair)

### Installation Requirements/Conditions

Septic Tank Size 1000 gallons

Pump Tank Size 1000 gallons

Number of trenches 1

Exact length of each trench 365 feet

Trenches shall be installed on contour at a

Maximum Trench Depth of: 12 → 18 inches

(Trench bottoms shall be level to +/- 1/4"

in all directions)

Trench Spacing: 9 Feet on Center

Soil Cover: 6 inches

(Maximum soil cover shall not exceed 36" above the trench bottom)

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM

Aggregate Depth: 6 inches below pipe

2 inches above pipe

Conditions: Follow Consultant's layout.

12 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: James E. Maxson

Date: 5-27-15

Construction Authorization Expiration Date: 5-27-20

HTE# 15-5-35354K

Permit # 29388

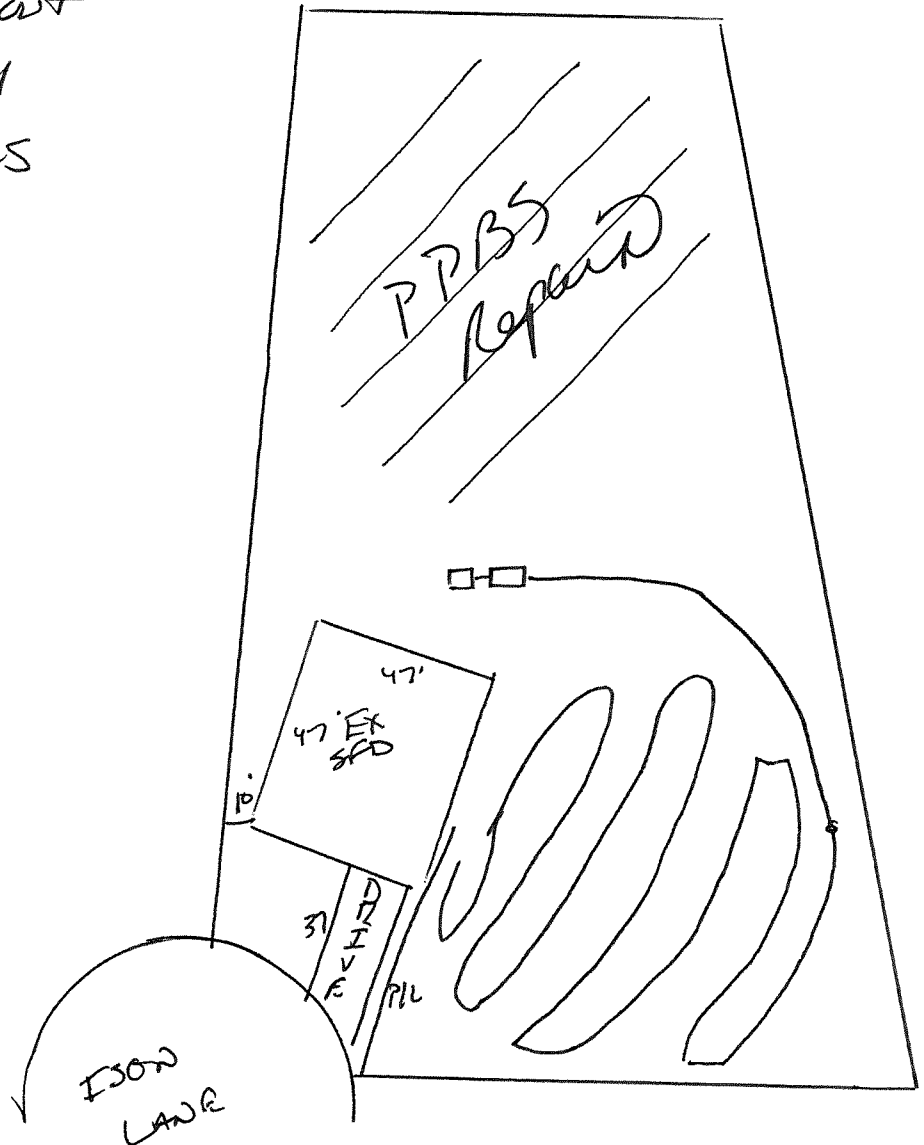
# Harnett County Department of Public Health Site Sketch

PROPERTY LOCATOR: 521435 Tripp RD

ISSUED TO: GARY ROBERTSON'S HOMES LLC SUBDIVISION PV6 PAVILIONS @ KAYAK GREEN LOT # 25

Authorized State Agent: James E. Markham Date: 5-27-15

\* Follow consultant's layout  
WITH FILL MATERIAL  
AND DITCH DEPTHS



## James E. Manhart

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**From:** Bryan McSwain  
**Sent:** Tuesday, May 19, 2015 7:59 AM  
**To:** James E. Manhart  
**Subject:** FW: Vineyard Green, Lot 25 Septic revision  
**Attachments:** VG-25-septic.pdf

Here you go.

Bryan McSwain R.E.H.S.  
Onsite Wastewater Program Specialist  
Harnett County Department of Public Health  
307 W. Cornelius Harnett Blvd.  
Lillington, N.C. 27546  
(910) 893-7547

**From:** Mike Eaker [mailto:mike@southeasternsoil.com]  
**Sent:** Tuesday, May 19, 2015 7:06 AM  
**To:** Bryan McSwain; Oliver Tolksdorf  
**Cc:** Gary Robinson; Lauren Robinson  
**Subject:** Vineyard Green, Lot 25 Septic revision

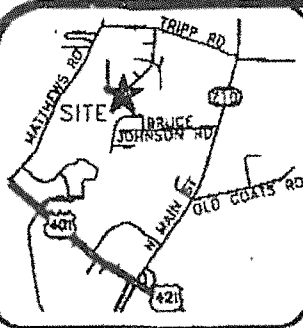
Bryan,

Attached is a revised design sheet. Please forward this to Jimmy (I cannot find a email for him).

I have revised the design due to site grading and the installation of a power line (through a portion of the system). The power line will be relocated and re-installed. I have added some drainline and changed install depths on 2 lines to account for an area apparently gouged out by the concrete contractor. Let me know if you have any questions.

Sincerely,

Michael Eaker, President  
NC Licensed Soil Scientist #1030  
Southeastern Soil & Environmental  
PO Box 9321  
Fayetteville, NC 28311  
910-822-4540  
[www.southeasternsoil.com](http://www.southeasternsoil.com)



- LEGEND**
- BCC=BACK OF CURB
  - DW=CONC DRIVEWAY
  - EB=ELECTRIC BOX
  - EDP=EDGE OF PAVEMENT
  - F=PATIO
  - PO=PORCH
  - SCQ=CLEANOUT
  - SW=SIDEWALK
  - TP=TELEPHONE PEDESTAL
  - WM=WATER METER
  - IRON PIPE FOUND
  - ⊙ IRON PIPE SET
  - NAIL SET

THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

G. DARRELL TAYLOR, PLS L-3728 DATE

THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION. NO TITLE REPORT PROVIDED.

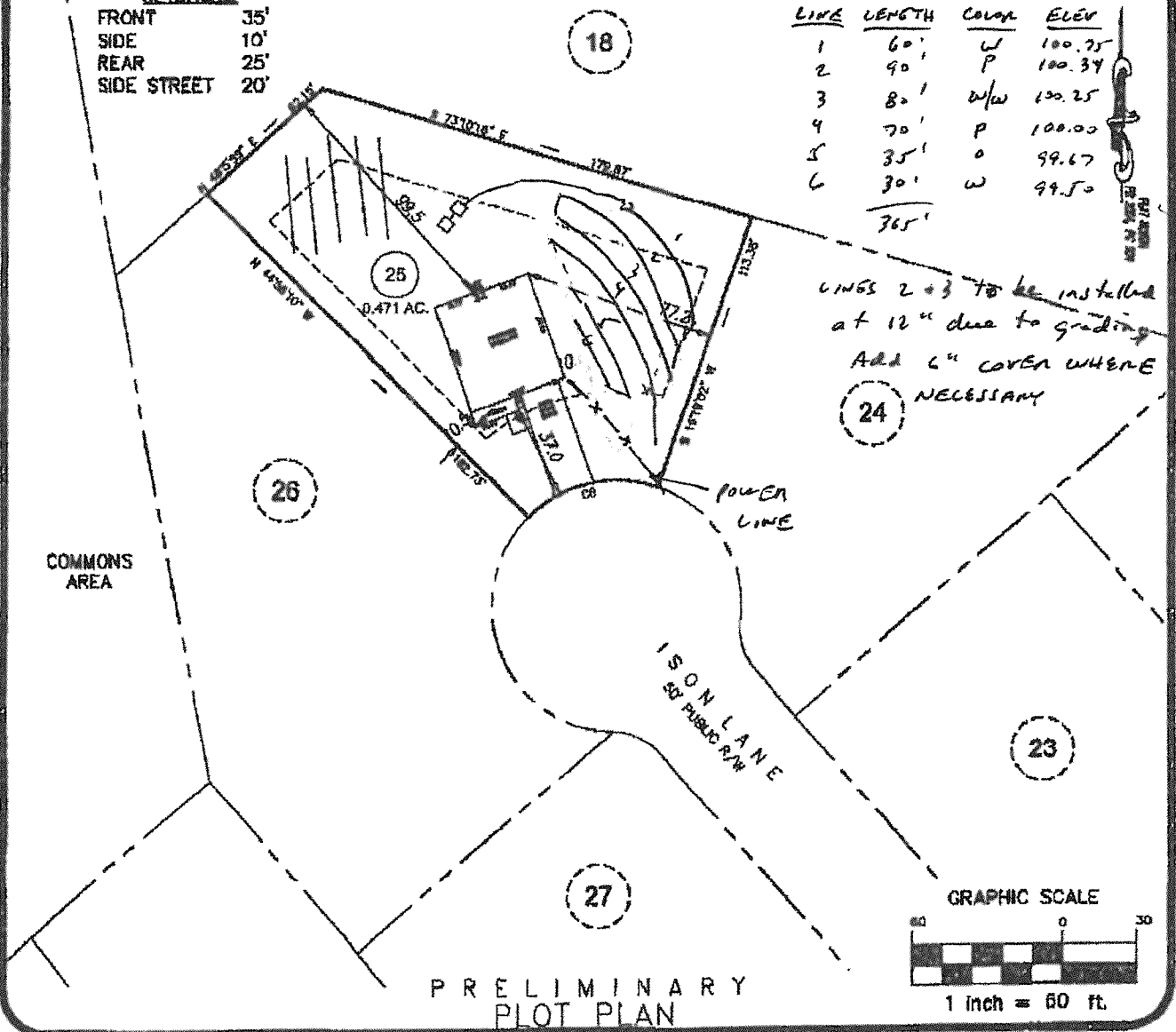
NOTE: SEPTIC SHOWN HEREON SCALED FROM SEPTIC PERMIT PROVIDED BY BUILDER. NOT TO BE USED FOR STAKING PURPOSES.

CURVE TABLE			
CURVE	BEARING	CHORD	ANGLE
C1	S 77° 13' 30" W	35.18'	50.00'
C2	S 77° 13' 30" W	35.18'	50.00'

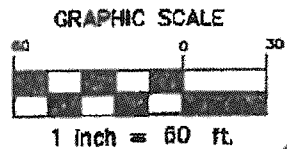
**VICINITY MAP (NTS)**

- SETBACKS**
- FRONT 35'
  - SIDE 10'
  - REAR 25'
  - SIDE STREET 20'

LINE	LENGTH	COLOR	ELEV
1	60'	W	100.75
2	90'	P	100.34
3	80'	W/W	100.25
4	70'	P	100.00
5	35'	O	99.67
6	30'	W	99.50
			365'



Lines 2 + 3 to be installed at 12" due to grading. Add 6" cover where NECESSARY.



**PRELIMINARY PLOT PLAN**

<b>M C S</b>	PROJECT: 14-005
	DRAWN BY: AMW
	SCALE: 1"=60'
	DATE: 01-16-15

FOR  
**GARY ROBINSON HOMES**  
ISON LANE  
LOT 25 THE PLANTATION AT VINEYARD GREEN SUBDIVISION  
NEILL'S CREEK TWP., HARNETT CO., NC  
P.B. 2004, PG. 904

**ECLS**

SURVEYING THE EAST COAST

387 FISH DRIVE  
ANDREW, NC 27501  
910.857.2297  
910.857.2299 (FAX)  
ECLSINC.COM