



Onslow County Health Department
 234 Northwest Corridor Blvd
 Jacksonville, North Carolina 28540
 Phone: (910) 938-5851 Fax: (910) 989-5819

OPERATIONS PERMIT

(GS 130A-337)

Owner: VEGA GEORGE L JR & SAMANTHA

Address: 102 FARMINGTON DR, RICHLANDS, NC 28574

Parcel: 45B-43

Subdivision: WINDING RIVER ESTATES

Lot Number: 49 **Section:** 2 **Phase:**

Block: **Part:** **Tract:**

Proposed Use: Single Family Residence

Location: Hwy 258 toward Richlands, Right onto Farmington Drive

Facility/Daily design flow: 4 Bedroom / <480 GPD / 8 Person Max

System Information: REPAIR: 4-65' existing poly lines and 1-65' 25% Reduction Accepted System (IQ4PS) drainline with 24" trench bottom.

SEPTIC INSTALLED BY FRANK ALLEN.

Water Supply: Public

System Description: 25% Reduction Accepted System, Infiltrator Quick4 Plus Standard

Permit No: EHOP-2019-00334

Workclass: EH OP Repair

FINAL PLOT / REMARKS
System Type: III
System Classification: g. Non-Conventional trench system
Manufacturer: Infiltrator Quick4 Plus Standard & EZFLOW
Model#: IQ4PS & EZ FLOW

Note: Type V and VI systems expire in 5 years. (In accordance with Table Va of .1961). Owner must contact the Onslow County Health Department 6 months prior to expiration for permit renewal. Onslow County Health Department is required to inspect the following system types: IIIb, every 5 years; IV, every 3 years; V, once per year and VI, every six months.

Signed By: Stephanie Canfield

Date: 06/27/2019

This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the I.P. and C.A. This system shall perform in accordance with 15A NCAC 18A Rule .1961. Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank periodically removed from all compartments. The contents shall be pumped, by approved means, whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

THE ISSUANCE OF THIS O.P. DOES NOT CONSTITUTE AN ONSLOW COUNTY WARRANTY OR GUARANTEE OF THE FUNCTIONALITY OF THE WASTEWATER SYSTEM



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 Phone: (910) 938-5851 Fax: (910) 989-5819

CONSTRUCTION AUTHORIZATION

(GS 130A-336)

Permit No: EHCA-2019-00361

Workclass: EH CA Repair

(Required for Building Permit)

THIS AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION SHALL BE VALID FOR A PERIOD EQUAL TO THE PERIOD OF VALIDITY OF THE IMPROVEMENT PERMIT.

Owner: VEGA GEORGE L JR & SAMANTHA

Address: 102 FARMINGTON DR, RICHLANDS, NC 28574

Subdivision: WINDING RIVER ESTATES **Lot Number:** 49 **Section:** 2 **Phase:**

Block: **Part:** **Tract:**

Proposed Use: Single Family Residence

Location: Hwy 258 toward Richlands, Right onto Farmington Drive

System Type: III **System Classification:** g. Non-Conventional trench system

System Description: 25% Reduction Accepted System

Facility/Daily design flow: 4 Bedroom/<480 GPD/8 Person Max

System Information: REPAIR: Install new septic tank, remove 10' of the 4-75' existing poly lines and add 1-65' 25% Reduction Accepted System drainline. SEE PLOT PLAN AND NOTES.

***** PRECONSTRUCTION MEETING WITH OCHD IS REQUIRED.

Note:

1. Pump, REMOVE TANK and PROPERLY backfill opening .
- **SINK HOLE AROUND AND UNDER EXISITING TANK .
2. Disconnect 10' of existing 4 drainlines nearest the tank. Leave 65' of existing drainlines.
3. Add 1-65' 25% accepted product drainline.
4. CONTACT OCHD FOR A PRECONSTRUCTION MEETING .

LTAR: 0.4 gpd/sq. ft. **Water Supply:** Public

Septic Tank Size: 1000 gallons **Grease Trap Size:** N/A gallons

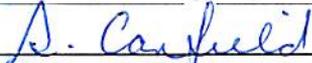
Pump Tank Size: N/A gallons

Nitrification Area: 900 sq. ft. **Nitrification Linear Feet:** 325 lin. ft.

No of Lines: 4 existing, 1 new **Line Length:** 65 ft **Line Width:** 3 ft

Trench Bottom Depth: 12"-24"

(SEE ATTACHED PAGES 1 - 1 of 1 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Stephanie Canfield  Date: 06/18/2019

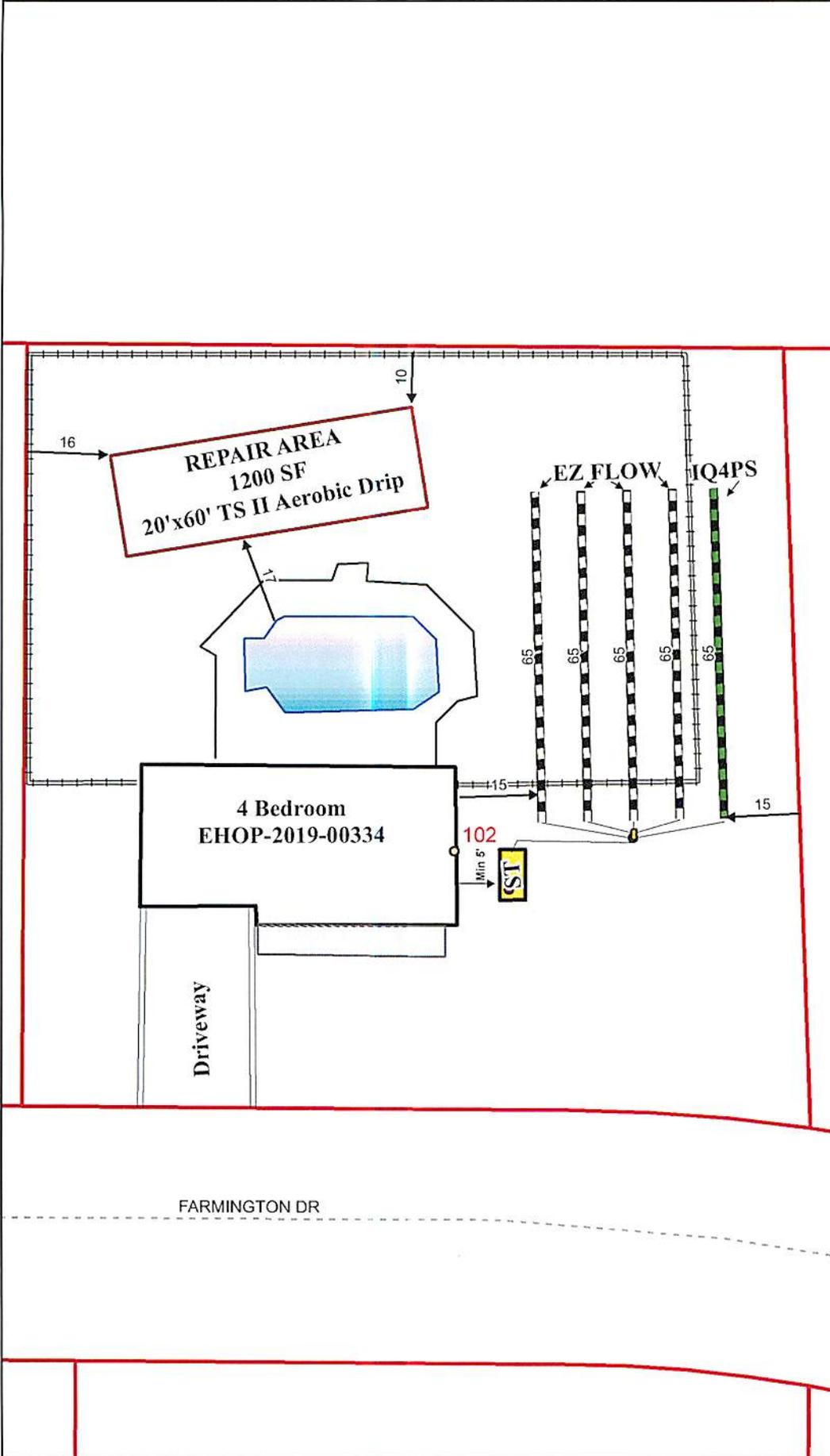
This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958 and .1959 are incorporated by reference into this permit and shall be met.

THE ISSUANCE OF THIS C.A. DOES NOT CONSTITUTE AN ONSLOW COUNTY WARRANTY OR GUARANTEE OF THE FUNCTIONALITY OF THE WASTEWATER SYSTEM

Owner: George and Samantha Vega
 Address: 102 Farmington Drive
 Location: Winding River Estates Lot 49 Sec 2

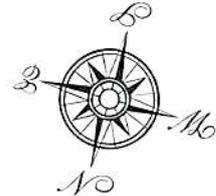
AS BUILT
6/26/2019
PLOT PLAN
 1 in = 30 ft

Addendum to permit # EHOP-2019-00334
 Page 1a of 1



Additional Permit Conditions:

1. Do not park or drive on any part of system or repair area.
2. Nitrification trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover/backfilling.
3. Do not install system under wet conditions.
4. Adhere to minimum set back requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment and Disposal System (Article 11, G.S. Chapter 130A) unless otherwise indicated on this permit.
5. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or sized in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (c). Documentation of aggregate size shall be available upon request.
6. All pump tanks shall be tested for water tightness. Septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/non-turbulent flow by approved means at the inlet of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the accepted wastewater system approval. (Maximum LTAR of 1.0 gpd/ft2)
9. Run lines parallel to contour. System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to insure that proper grade is maintained.
10. A recorded plat or deed and corresponding map shall be submitted to the Environmental Health Section of the Onslow County Health Department PRIOR TO the issuance of the Construction Authorization.
11. An APPROVED stormwater plan shall be submitted to the Environmental Health Section of the Onslow County Health Department PRIOR TO issuance of a Construction Authorization.
12. FOR DWELLING UNIT WASTEWATER SYSTEMS ONLY – This wastewater system is designed only for the number of bedrooms shown as bedrooms or sleeping rooms on the building/floor plan approved by Onslow County Code Enforcement. No other room or space may be relabeled as a bedroom, used as a bedroom, or converted into a bedroom without prior approval from Onslow County Environmental Health.



****WARNING: THIS IS NOT A SURVEY!****

This map is prepared for the inventory of real property found within this jurisdiction, and is compiled from recorded deeds, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The County and mapping company assume no legal responsibility for the information contained on this map.

SYSTEM DESIGN

# BEDROOMS/ GPD:	4 BR / <480 GPD/8 Person Max
SYSTEM TYPE:	IIIq - EZFlow & IQ4PS
% REDUCTION:	25%
LTAR:	0.4
SQ. FT.	900
LINEAR FEET	325
# OF LINES:	4-Existing, 1- New
LENGTH EACH LINE:	65'
TRENCH BOTTOM:	24"
TRENCH WIDTH:	3 FEET
FEET ON CENTER(LINES)	9 FEET
REPAIR AREA:	LTAR 0.4, TB 6"
	20'x60' TSII Aerobic Drip

Owner: Samantha Vega
 Address: 102 Farmington Drive
 Location: Winding River Estates L49 S2

REPAIR
6/18/2019
PLOT PLAN

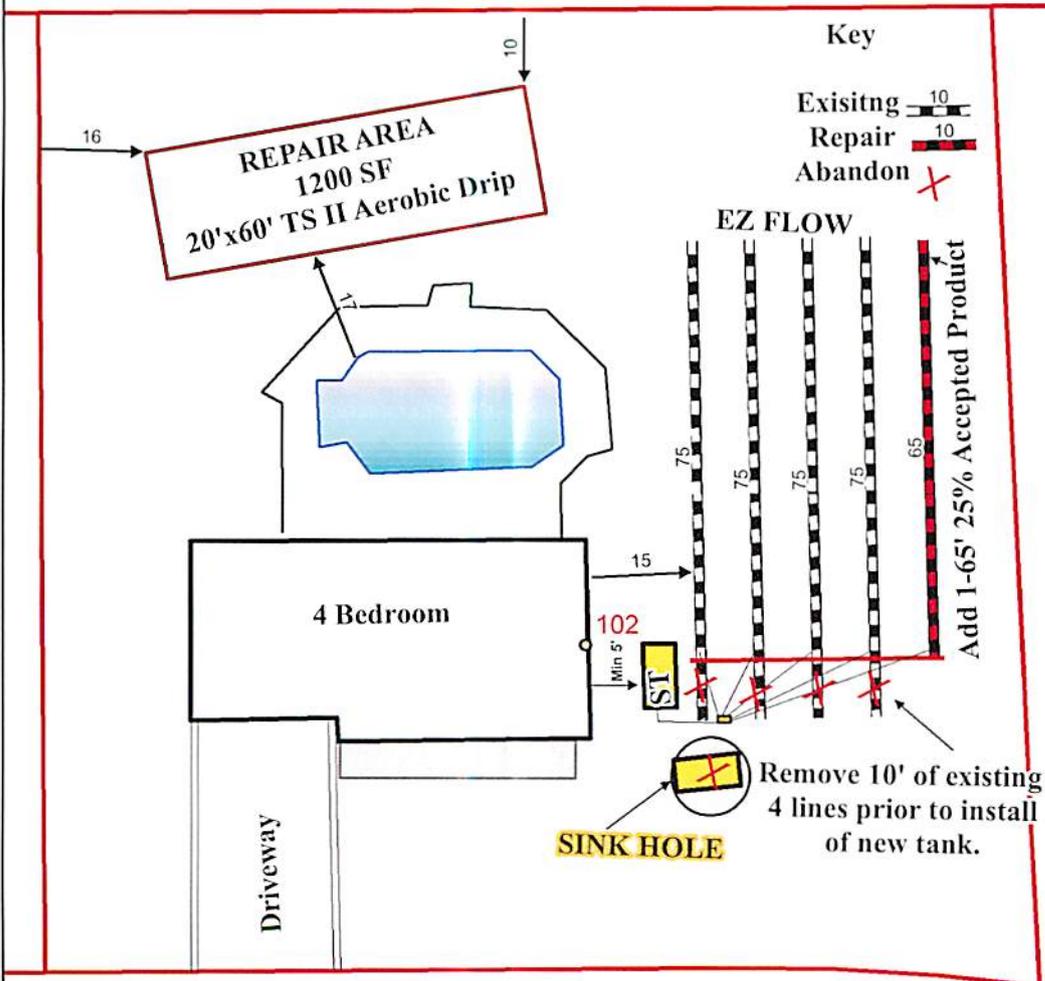
Addendum to permit # EHCA-2019-00361
 Page 1 of 1

1 in = 30 ft



Note:

- 1. Pump, REMOVE TANK and PROPERLY backfill opening.**
****SINK HOLE AROUND AND UNDER EXISTING TANK.**
- 2. Disconnect 10' of existing drainlines nearest the tank. Leave 65' of existing drainline.**
- 3. Add 1-65' 25% accepted product drainline.**
- 4. CONTACT OCHD FOR A PRECONSTRUCTION MEETING.**



Additional Permit Conditions:

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13. Pump, REMOVE TANK and PROPERLY backfill opening/sink hole.
14. REMOVE 10' of existing 4-75' drainlines. Leave 65' remaining.
15. Add 1-65' 25% accepted product drainline.
16. CONTACT OCHD FOR PRECONSTRUCTION MEETING.

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SYSTEM DESIGN

BEDROOMS/ GPD: 4 BR/<480 GPD/8 Person Max
 SYSTEM TYPE: Illq - 25% Red. Acc. System
 % REDUCTION: 25%
 LTAR: 0.4
 SQ. FT. 900
 LINEAR FEET 325
 # OF LINES: 4 Existing, 1 New
 LENGTH EACH LINE: 65'
 TRENCH BOTTOM: 12"-24"
 TRENCH WIDTH: 3 FEET
 FEET ON CENTER(LINES) 9 FEET
 REPAIR AREA: LTAR 0.4, TB 6"
20'x60' TSII Aerobic Drip