

PARCEL 84847 IMPROVEMENT PERMIT NUMBER WLS2017-105423

Owner Bill Clark Homes of Greenville LLC

Location 914 Whiskey Ct

New Modification Repair Change of Flow Maxium # of Occupants 8

Type of Facility House # Bedrooms 4 H₂O Supply EP

Septic Tank Size 1020 Mfg FPS Serial # STB-21 Filter Black Watercore

Pump Tank Size 1000 Mfg FPS Serial # PT-214 Pump Gould's

Grease Trap Size N/A Mfg Serial #

System Type III B Review Frequency Every 5 Years D-Box Type Manifold

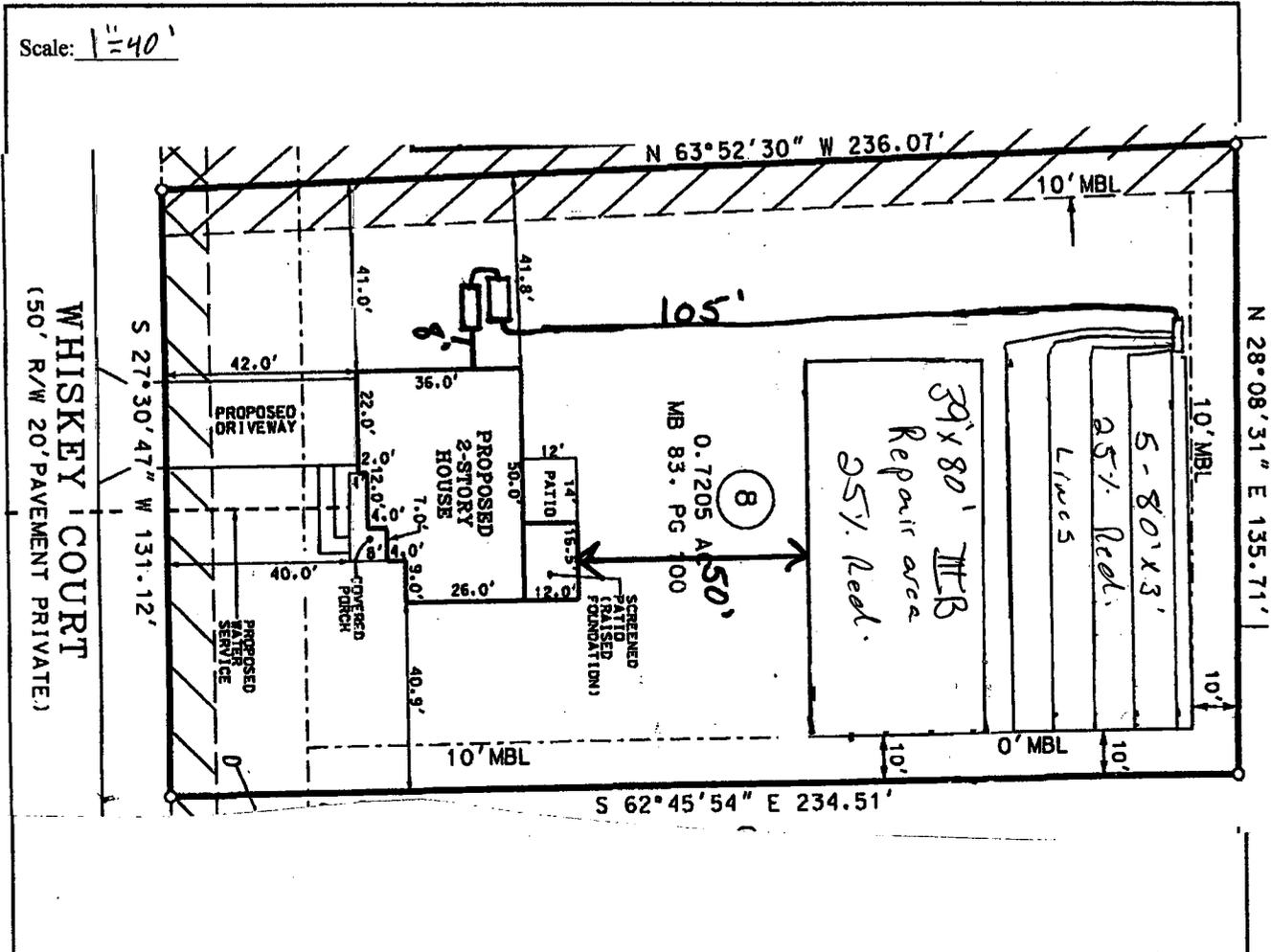
Trench Material EZ FLOW 1203h-geo Trench Bottom Depth 12-14 Trench Width 3 ft

Sq. Ft. EQ 1600 # Lines 5 Cover 6-8 inches Estimated Flow 480

Installer Gene Aston

Remarks

Reference Permits



Inspected By: Kelly Casper, REHS

Kelly Casper REHS

Date of Issue: 02/5/2021



PITT COUNTY
 ENVIRONMENTAL HEALTH
 1717 W. 5th Street
 Greenville, NC 27834-1696
 Office (252) 902-3200
 Fax (252) 902-3208

IMPROVEMENT PERMIT

Type of Inspection: Evaluation for a New Septic System
 Appointment Requested: No
 Date Site Ready: 4/21/2017
 Fees Paid: Yes

Application Date: 04/20/2017

Project Number: PRJ2017-117534

Application Number: WLS2017-105423

Applicant:
 BILL CLARK HOMES OF
 GREENVILLE LLC
 200 E ARLINGTON BLVD STE A
 GREENVILLE, NC 27858

Owner: Bill Clark Homes
 WILLIAM HENRY BROWN
 % WILLIAM HENRY BROWN
 103 TERRY ST.
 GREENVILLE, NC 27858

Site Address: 914 Whiskey Ct

Tax Parcel #(s): 84847
 16554

Subdivision Name: Cheshire Landing

Lot #: 8 Block/Phase:

Directions to Site: Directions - Total Distance: 9.20; Start at 1717 W 5th ST.; Go north on HOSPITAL DR toward W 5TH ST; Turn right on W 5TH ST; Make sharp right on S MEMORIAL DR; Turn left on FARMVILLE BV; Turn right on W 14TH AV; Continue on 14TH ST; Continue on FOURTEENTH STREET EX; Turn left on FIRE TOWER RD; Turn right on PORTERTOWN RD; Turn left on IVY RD; Turn left on TUCKER RD; TURN LEFT ON BEDDARD ROAD; Finish BETWEEN 1285 TUCKER RD AND 2662 BEDDARD ROAD;

| | | | |
|--------------------|-----------------|---------------------|----------------------|
| Date of Evaluation | <u>4-21-17</u> | System Type | <u>ITB</u> |
| Tank Size | <u>1000</u> gal | Nitrification Field | <u>Eq 1600</u> ft sq |
| Pump Tank | <u>1000</u> gal | Trench Bottom Depth | <u>12-14"</u> in |
| Grease Trap | _____ gal | Estimated Flow | <u>480</u> gpd |

Remarks: See building drawing over septic area. If getting from not shown a pump with pump tank shall be required at a additional fee. Install 5'-80"x3' lines in accepted trench material with a 25% reduction already taken. Install lines at 12-14" max center max depth 6-8' of approved soil cover shall be required and landscaped to street surface water

Permit Reference #'s _____

An Authorization to Construct a wastewater system must be obtained from Environmental Health before construction of the wastewater system begins. Depending on the system design, an additional fee may be charged before the Authorization to Construct can be issued.

Date Issued: 11-28-18 Environmental Health Specialist Kelly Cooper REIS

(GS130A-335) This Improvement Permit is subject to revocation if the site is altered or if the site plan or intended use change.

Improvement Permit Valid No Expiration _____ Five (5) Years

Avu Floor/Burien
(CS4)
4-21-17



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ENVIRONMENTAL HEALTH
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APPLICATION FOR IMPROVEMENT PERMIT

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 Date Site Ready: 4/21/2017
 Fees Paid: Yes

Application Date: 04/20/2017 Project Number: PRJ2017-117534 Application Number: WLS2017-105423

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 GREENVILLE, NC 27858

Owner:
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 % WILLIAM HENRY BROWN
 103 TERRY ST.
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Subdivision Name:

Cheshire Landing

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Block/Phase:

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Water Supply: Eastern Pines Water Corporation

Are there any existing wells or springs on this property? No

Type Use: House

If Residential

Proposed # of Bedrooms: *4*

Existing # of Bedrooms:

If Commercial

of Children:

of Employees:

of Seats:

Does the site contain any previously identified jurisdictional wetlands? No

Does the site contain any existing wastewater systems? No

Is any wastewater going to be generated on the site other than domestic sewage? No

Is the site subject to approval by any other public agency? Yes

Are there any known easements or right-of-ways on this property? Yes

I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. If the information in the application for an Improvement Permit is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid.

Applicant's Signature

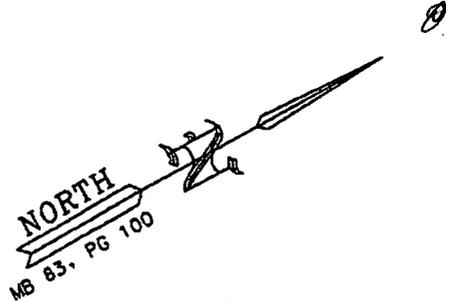
Date:

Application Valid for Six (6) Months

*2-3-2021 Tank Lines Checked will
 New pump at later date*

(B)

SWEETBRIAR S/D
SECTION 2
MB 29, PG 112



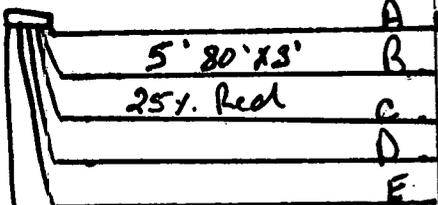
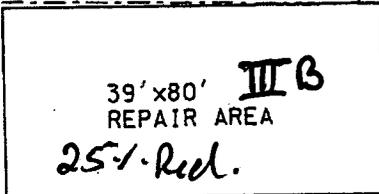
(10)

(9)

(8)

N 28°08'31" E 135.71'

20' DRAINAGE
EASEMENT



(9)

(7)

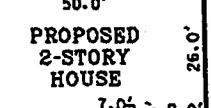
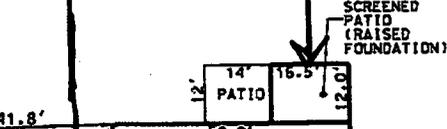
CHESHIRE LANDING
MB 83, PG 100

CHESHIRE LANDING
MB 83, PG 100

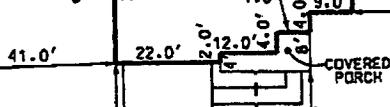
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0.7205 A 50'
MB 83, PG 100

AUTHORIZATION TO CONSTRUCT
BY Kelly Casper
DATE 7-30-2020
PERMIT # W150017-105423

Set Lines Above B/M
A - 5"
B - 4"
C - 3"
D - 1"
E - 0



Lines should be 12-14" on contour with 6-8" of approved soil cover



w/ometer B/M 10' ELECTRIC EASEMENT

30' MBL



S 27°30'47" W 131.12'

WHISKEY COURT
(50' R/W 20' PAVEMENT PRIVATE)

R/W



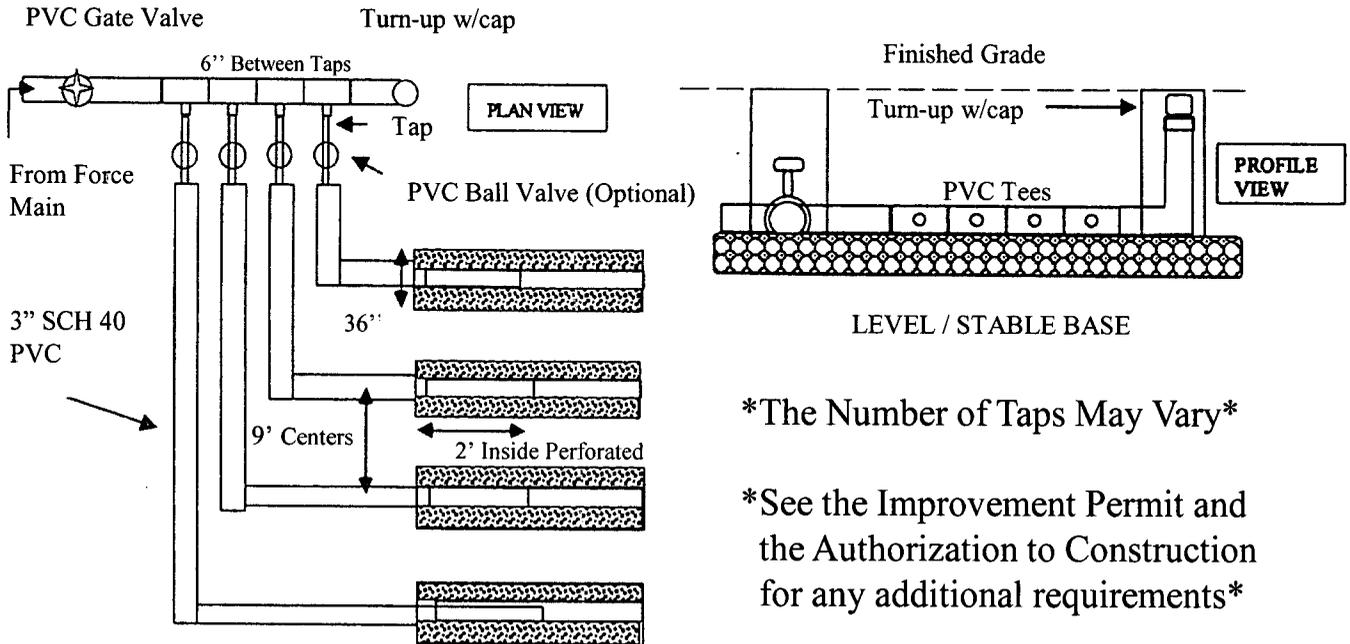


**PITT COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION**

1717 WEST FIFTH STREET
GREENVILLE, NC 27834
Telephone (252) 902-3206

PERMIT # W152017-105423

Short Manifold System Requirements



The Number of Taps May Vary

See the Improvement Permit and the Authorization to Construction for any additional requirements

Supply Line Length: 105'

Supply Line Size: 2"

Manifold Length: 5'

Manifold Size: 3"

Number of Taps: 5

Size of Taps: Sch 80 1/2"

Pressure Head: 2

Pump Requirements: 27.4 GPM @ 14.09 TDH

Pump Run Time: 6 m.

Draw Down: 8"

Dosing Volume: 175 gallons



Pressure Manifold Worksheet

Permit # W152017-105423

Tap Size (in.) See 80 1/2"
 Number of Taps 5
 Min. Manifold Size 2"

Pressure Head 2' ft.
 Flow Per Tap 5.48 gpm
 Total Flow 27.4 gpm

Elevation Head (EH) in feet _____ - _____ = 9ft
high point pump off level feet

Pressure Head (PH) 2 ft.

Friction Head (FH) Calculation:

Supply Line Pipe Size: 2 Inches

| | | | | | |
|-------------------------|---------------|---|----------------------------|------------|------------|
| Total Force Main Length | | | | <u>105</u> | ft. |
| No. Gate Valves | <u>1</u> | x | 1.3 | = | <u>1.3</u> |
| No. Elbows | <u>6</u> | x | 7 | = | <u>42</u> |
| No. 45-deg Bends | <u>0</u> | x | 4 | = | <u>0</u> |
| Check Valve | <u>1</u> | x | 19 | = | <u>19</u> |
| Couplings (SFM ÷ 20) | <u>6</u> | x | 2 | = | <u>12</u> |
| | # of Fittings | | Eq. Length (from chart) | | |

Total Equivalent Length = 179
 x 115% = 206
 + 100 = 2.06
 Adjusted equivalent length in 100 ft.

FH = $\frac{2.06}{\text{Adjusted equivalent length in 100 ft.}} \times \frac{1.50}{\text{Friction loss through 100 ft. of pipe (from chart)}} = \frac{3.09}{\text{Friction Head in ft.}}$

Total Dynamic Head (EH + PH + FH): 14.09 TDH

Pump Specifications : 27.4 gpm @ 14.09 TDH

Dosing Volume: $.656 \times \frac{400}{\text{Gallons per linear ft. in 4 inch pipe}} = \frac{262}{\text{Total linear ft. of pipe in drain lines}}$ Total volume (gallons) of pipes
 67% 175 Gallons 75% 196 Gallons

Run Time: $\frac{175}{\text{Dosing volume gallons}} \div \frac{27.4}{\text{Flow (gpm)}} = \frac{6.38}{\text{Run time (minutes)}}$

Dosing Volume: $\frac{175}{\text{Dosing Volume gallons}} \div \frac{21}{\text{Gallons / in.}} = \frac{8.33}{\text{Draw Down (inches)}}$



**PITT COUNTY
ENVIRONMENTAL HEALTH**
1717 W. 5th Street
Greenville, NC 27834-1696
Office (252) 902-3200
Fax (252) 902-3208

**Request for Authorization to Construct
or Permit Modification**

Application # WLS2017-105423
Date of Request 06/26/2020
Call upon Completion yes no

Applicant: Bill Clark Homes of Greenville, LLC

Office Home # 252-355-5805 Work # _____

Address: 200 E. Arlington Blvd., Suite A
Greenville, NC 27858

Cell # _____ Pager # _____
Mindi Stephens
Fax # _____ Other # 565-8327

Site Address: 974 Whiskey Court, Grimesland, NC 27837

Subdivision Name: Cheshire Landing Lot # 8 Block _____ Parcel # 84847

Please indicate desired system type(s). Systems can be ranked in order of your preference.

Accepted Alternative Conventional (rock) Innovative Any Other _____

Notes: _____

Authorization to Construct Requested by Mindi Stephens Digitally signed by Mindi Stephens
DN: cn=Mindi Stephens, o=Bill Clark Homes of Greenville,
LLC, ou, email=mindi@billclarkhomes.com, c=US
Date: 2020.06.26 10:31:51 -04'00' 6/26/20

| <u>Activity</u> | <u>Check one</u> |
|---|--|
| Additional fee for Non-Traditional Systems, Pump System, Fill System, etc. | \$100.00 <input checked="" type="checkbox"/> |
| Additional fee for Pretreatment Systems, Type V or Type VI systems | \$300.00 <input type="checkbox"/> |
| Revise an Improvement Permit that has No Authorization to Construct—without site visit..... | \$ 50.00 <input type="checkbox"/> |
| Revise an Improvement Permit that has No Authorization to Construct—with a site visit..... | \$100.00 <input type="checkbox"/> |
| Revise an Authorization to Construct---without a site visit | \$ 50.00 <input type="checkbox"/> |
| Revise an Authorization to Construct --with a site visit..... | \$100.00 <input type="checkbox"/> |
| Renew and redraw an Expired Authorization to Construct—requires a site visit | |
| Type I and II (includes alt. trench)..... | \$ 50.00 <input type="checkbox"/> |
| Type III and IV..... | \$ 75.00 <input type="checkbox"/> |
| Type V and VI..... | \$100.00 <input type="checkbox"/> |
| Authorization to Construct for Permits Issued Prior to July 1, 2001—requires a site visit | |
| Type I and II (includes alt. trench)..... | \$ 50.00 <input type="checkbox"/> |
| Type III and IV..... | \$100.00 <input type="checkbox"/> |
| Type V and VI..... | \$150.00 <input type="checkbox"/> |

I understand the System Type specified is different from the type requested. _____

Authorization to Construct Issued 7-30-2020 by Kelly Cozart Initial / Date REHS

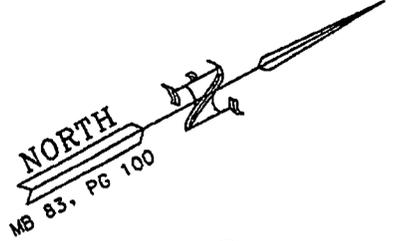
AMOUNT DUE \$100.00

Collected by: [Signature]

Date collected: 8/3/2020

(B)

SWEETBRIAR S/D
SECTION 2
MB 29, PG 112



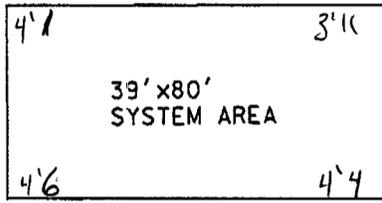
(10)

(9)

(8)

N 28°08'31" E 135.71'

20' DRAINAGE
EASEMENT



(8)

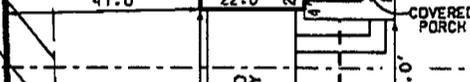
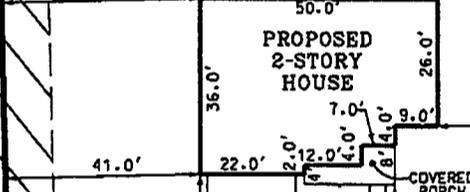
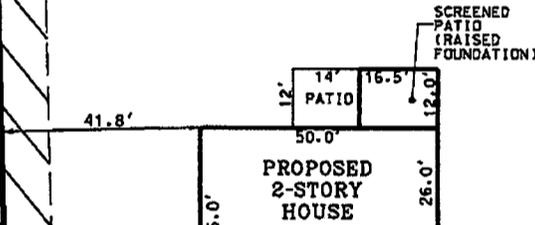
0.7205 AC
MB 83, PG 100

CHESHIRE LANDING
MB 83, PG 100

CHESHIRE LANDING
MB 83, PG 100

N 63°52'30" W 236.07'

S 62°45'54" E 234.51'



30' MBL

R/W

S 27°30'47" W 131.12'

WHISKEY COURT
(50' R/W 20' PAVEMENT PRIVATE)

R/W



THE BOUNDARY FOR THIS LOT WAS DRAWN FROM
THE MAP RECORDED IN MAP BOOK 83, PAGE 100
ENTITLED CHESHIRE LANDING, REVISED 8/30/18
AND PREPARED BY STROUD ENGINEERING, PA.

Deborah T. Boyette 6-18-20
DEBORAH T. BOYETTE, PLS L-4146

PN 84847

PRELIMINARY PLOT PLAN FOR
BILL CLARK HOMES OF
GREENVILLE, LLC

LOT 8, CHESHIRE LANDING

REFERENCE: MAP BOOK 83, PAGE 100 OF THE
PITT COUNTY REGISTRY

GRIMESLAND TWP., PITT COUNTY, NORTH CAROLINA

DATE: JUNE 15, 2020

SCALE: 1" = 40'

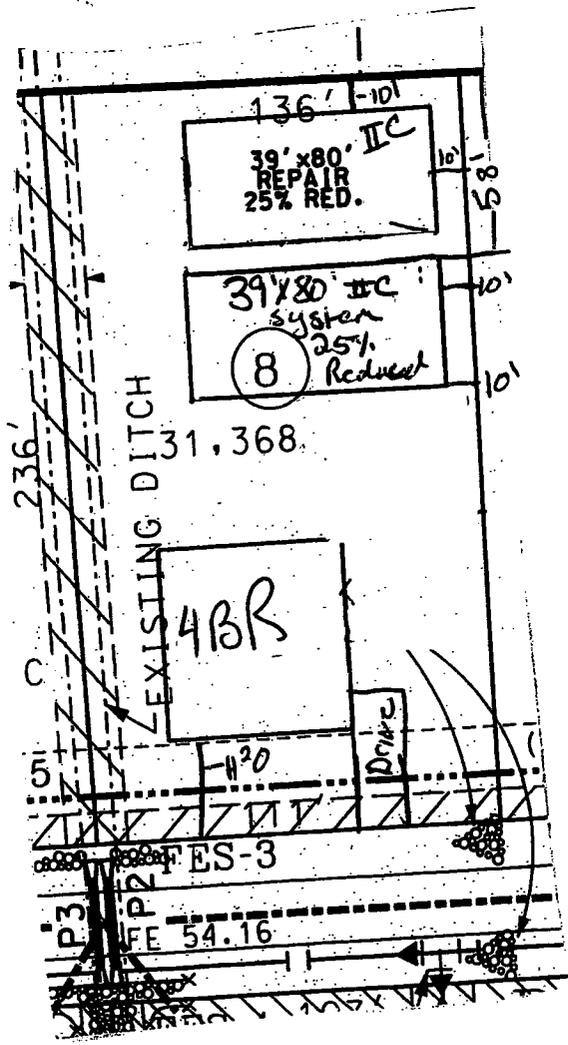
STROUD ENGINEERING, P.A.

1078 COMMERCE STREET
GREENVILLE, NC 27858
(252) 756-9352

LICENSE NO. C-0647

THIS IS NOT AN APPROVED PLOT PLAN
 A plot plan must be submitted for approval before a building permit can be obtained. The plot plan must show structures and driveways along with their size and setbacks from property lines.

1" = 60'





**PITT COUNTY
ENVIRONMENTAL HEALTH**
1717 W. 5th Street
Greenville, NC 27834-1696
Office (252) 902-3200
Fax (252) 902-3208

**Application for Subdivision
Improvement Permits**

Applicant: Bill Clark Hayes

Owner: William Brown

Address: 200 E. Arlington Blvd.
Greenville NC 27858

Address: _____

Contact #: 252-814-481

Contact #: _____

Subdivision Name Cheshire Landing

Number of Lots 27

Sequence of Lot Numbers (ie: 1-10 and 25-40) 1-27

Water Supplier Eastern pines Water

NOTE: If lots are served by individual wells, Private Drinking Water Well Applications will need to be applied for.

Does Site Contain:

Existing Drain Tile X no _____ yes (identified on site plan)

Existing Well(s) or Springs X no _____ yes (identified on site plan)

Existing Easements or Right-of-Ways X no _____ yes (identified on site plan)

Existing Wastewater Systems X no _____ yes (identified on site plan)

Previously identified jurisdictional wetlands X no _____ yes (identified on site plan)

Proposed Structure ✓ House Number of Bedrooms 4-5
 _____ Modular Number of Bedrooms _____
 _____ Doublewide Mobile Home Number of Bedrooms _____
 _____ Singlewide Mobile Home Number of Bedrooms _____
 _____ Duplex or Triplex

If Duplex or Triplex, number of Units per Structure _____ Number of Bedrooms per Unit _____

NOTE: If proposed subdivision is for duplexes, each side of the duplex will be treated as an individual site evaluation.

_____ Commercial Number of Employees _____

If Commercial, will any wastewater generated on site be other than domestic sewage? _____

[Signature]
Applicant's Signature

4/20/17
Date

PITT COUNTY ENVIRONMENTAL HEALTH SOIL SITE EVALUATION FORM

DATE: 4-21-17 PARCEL #: 2128316554 APPLICATION #: WIS 2017-105423

③

APPLICANT: Bill Clark Homes DATE EVALUATED: 4-21-17

PROPOSED FACILITY: 4 Bedroom House PROPERTY SIZE: _____

LOCATION OF SITE: Cheswick Landing Lot #8 DESIGN FLOW: 480

WATER SUPPLY: ON-SITE WELL _____
 COMMUNITY WELL _____
 PUBLIC

EVALUATION METHOD: AUGER _____
 PIT

| .1940 LANDSCAPE POSITION AND SLOPE | HORIZON DEPTH IN INCHES | .1941 | | | COLOR | | OTHER PROFILE FACTORS |
|---|----------------------------------|--------------------|----------------------|--------------------------------------|----------|----------|-----------------------------------|
| | | (a) (1) TEXTURE | (a) (2) STRUCTURE | (a) (3) MINERALOGY CONSISTENCY | MATRIX | MOTTLE | |
| 0-21. | 0-10 | SL | CS | UFR | 2.5Y 3/3 | | .1942 Wetness Cond. - <u>36</u> |
| | 10-36 | SCL | SBL | F | 2.5Y 5/6 | | .1943 Soil Depth - _____ |
| | 36-8 | SCL | SBL | F/fi | 2.5Y 5/6 | 2.5Y 6/2 | .1944 Restrictive Horizon - _____ |
| | | | | | | | .1948 Profile Class - <u>5</u> |
| | | | | | | | Profile LTAR - <u>13</u> |
| 0-21. | 0-6 | SL | CS | UFR | 2.5Y 3/2 | | .1942 Wetness Cond. - <u>24</u> |
| | 6-9 | Hard Pan | | fi | 2.5Y 6/6 | | .1943 Soil Depth - _____ |
| | 9-24 | SL | CS | f | 2.5Y 6/3 | | .1944 Restrictive Horizon - _____ |
| | 24-8 | SL | CS | f | 2.5Y 4/3 | 2.5Y 6/2 | .1948 Profile Class - <u>PS</u> |
| | | | | | | | Profile LTAR - <u>16</u> |
| | 0-10 | SL | CS | UFR | 2.5Y 3/3 | | .1942 Wetness Cond. - <u>18</u> |
| | 10-18 | SL | CS | f | 2.5Y 4/3 | | .1943 Soil Depth - _____ |
| | 18-8 | SCL | SBL | F/fi | 2.5Y 6/2 | 2.5Y 5/6 | .1944 Restrictive Horizon - _____ |
| | | | | | | | .1948 Profile Class - <u>PS</u> |
| | | | | | | | Profile LTAR - <u>3</u> |
| * 0-21. | 0-9 | SL | CS | UFR | 2.5Y 3/3 | | .1942 Wetness Cond. - <u>26</u> |
| | 9-26 | SCL | SBL | F/fi | 2.5Y 5/6 | | .1943 Soil Depth - _____ |
| | 26-8 | SCL | SBL | F/fi | 2.5Y 5/6 | 2.5Y 6/2 | .1944 Restrictive Horizon - _____ |
| | | | | | | | .1948 Profile Class - <u>PS</u> |
| | | | | | | | Profile LTAR - <u>3</u> |

round

* two Auger borings 11-29-18

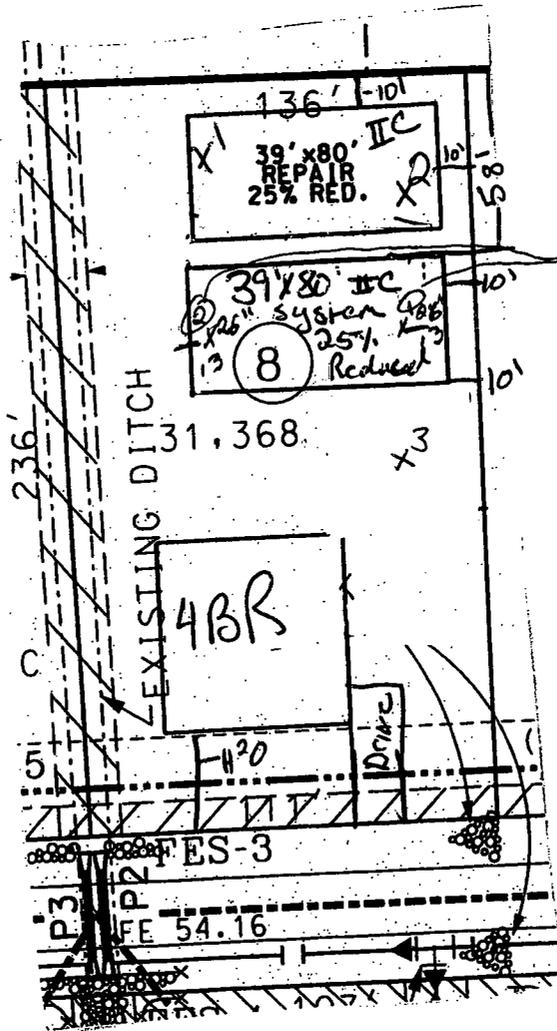
AVAILABLE SPACE .1946 OTHER FACTORS _____ .1948 SITE CLASSIFICATION IIC

FORM TYPE IIC LONG TERM ACCEPTANCE RATE 3

PREPARED BY: Kelly Cooper OTHERS PRESENT: _____

REMARKS: See map for soil pit locations

1" = 60'



Auger boring
done on
11-29-18



