

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0050211

PIN #: 0761749281

OP DATE: 1010812014

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☒ II
☐ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☒ A
☐ B
☐ C
☐ D
☐ E
☐ F
☐ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☐ 4
☒ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☐ | ☐ | 1,200 |
| ☐ | ☒ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☐ | ☐ | Other |
| ☒ | | ☒ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

01530

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☒ 26 in. or less
☐ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

Handwritten signature/initials

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED

UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D050211 STATUS: A APP. DATE: 11/14/2013 BLDG. PERMIT#: 0141392
 PIN: 0761 74 9281 000 TAX MAP: 0675 0038 RECORDED: Y ORIG. PERMIT#:
 TOWNSHIP: 18 SWIFT CREEK JURISDICTION: WC ZONING: R40W SW DEVICE: N S#:
 APPLICANT: RONNIE ADAMS (919) 480 - 4210
 2804 CASCADE PLACE GARNER, NC 27529
 USE: HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE:
 LTAR: 0.30 0.30 BEDROOMS: 5 BASEMENT: N #EMPLOYEES: 0
 SITE: ADDRESS: 5207 DUTCHMAN DR
 SUBDIVISION: DUTCHMAN DOWNS LOT: 5 ACRES: 1.34 EASEMENT: N LOC: SYS:
 DIRECTION: TRYON L LAKE WHEELER R PENNY L INTO S/D

Well System: WATER: INDIVIDUAL - TYPE: NEW

WELL LOG INFORMATION: DPTH: 164 CASING DEPTH: 109 YIELD: 20 STATIC LEVEL: 30
 WELL CONTRACTOR: Enat 006 REG.# 4 PUMP CONTRACTOR: SWAYSON REG.# 846
 Construction Compliance GROUT APPROVED ☒ DATE 3/27/14 EHS [Signature]
 WELLHEAD APPROVED ☒ DATE 10/18/14 EHS [Signature]
 SYSTEM FINALIZED ☒ DATE 10/18/14 EHS [Signature]

COMMENTS: FOLLOW CA SITE PLAN FOR WELL PLACEMENT; 55' OFF HOUSE; 95' OFF RIGHT PROPERTY LINE; 15' OFF FRONT PROPERTY LINE; >100' OFF ALL PARTS OF SEPTIC SYSTEM; CALL WITH QUESTIONS PRIOR TO INSTALLATION

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ DOSE VOLUME: _____ gal. INNOVATIVE LETTER: _____
 INSTALLED BY: Brantleys INSTALLATION APPROVED BY: Alan Alcock
 PROPRIETARY SYSTEM: EZ FLOW TYPE SYSTEM: II A
 COMMENTS: _____
 OPERATIONS PERMIT ISSUED? Y OP DATE: 10/8/14 BY: Alan Alcock

Systems defined as either a Type IIIb, IIIg with a pump, IV, V or VI, in accordance with the North Carolina Administrative Code 15A NCAC 18A .1961, Table V as adopted by reference in the "Regulations Governing Wastewater Treatment and Dispersal Systems in Wake County", require Wake County Environmental Services to conduct periodic inspections on this type system, pursuant to 15A NCAC 18A .1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: 6/17/14 Benchmark: ST Rod reading: 4'7" Distance to Structure: 17'1/2
 ST: 1500 gals ID#: STB 322 D.O.M.: 5/14/14 Elev.: 4'7" Distance to Well: 750
 PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to P/L: _____
 GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
 (D-box)FD/PM elev.: 5'9" Supply Line: _____ ft. Pump/Ctrl Panel: _____ Filter: _____
 Line 1: 7'0" _____ Date: 6/17 Line 6: _____ Date: _____
 Line 2: 8'6" _____ Date: _____ Line 7: _____ Date: _____
 Line 3: 9'0" _____ Date: _____ Line 8: _____ Date: _____
 Line 4: _____ Date: _____ Line 9: _____ Date: _____
 Line 5: _____ Date: _____ Line 10: _____ Date: _____
 ETM1: _____ CC1: _____ ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
 Notes: _____

AS BUILT

Revised

I, MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1: 10,000+; that the area shown hereon was calculated by coordinates.

Witness my hand and seal this day of MONTH 2013.

WAKE CO. REGISTRY
BM 1969 PG 67

016104749281

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocation of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

[Signature]
Signature of Owner or Authorized Agent

0141392
D050211

IMPERVIOUS AREAS

HOUSE	2800 SQ. FT.
DRIVE & WALKS	2047 SQ. FT.
PATIO	000 SQ. FT.
TOTAL	4847 SQ. FT.
PERCENTAGE	11.1%

M/SR
12/1

RESERVED

By: *[Signature]* Date: 3-14-14
Use: MBL 101A
Front: 30
Side: 15
Rear: 30
Comments:

DUTCHMAN DRIVE
PUBLIC R/W

REVISION: NEW PLANS 2/25/14
REVISION: ADD 3RD CAR 2/25/14

PRELIMINARY
NOT FOR RECORDATION,
SALES OR CONVEYANCE

LEGEND

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
R/W	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN



GRIFFIN LAND SURVEYING, INC.

P.O. BOX 148
FUQUAY-VARINA, NC 27526
(919) 567-1963

PLOT PLAN
FOR

MANGRUM BUILDING

DUTCHMAN DOWNS

LOT 5

5207 DUTCHMAN DRIVE
RALEIGH, N.C.

WAKE COUNTY SWIFT CREEK TOWNSHIP

DRAWN BY **NMF**

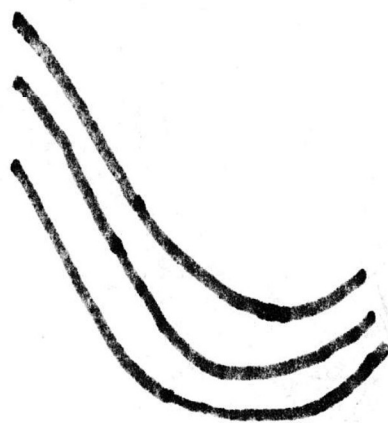
DATE **10/24/13**

CHECKED BY **MPG**

SCALE **1" = 50'**

(6)

(3)-170' EZ FLOW



WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED

UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D050211 STATUS: A APP. DATE: 11/14/2013 BLDG. PERMIT#: 0141392
PIN: 0761 74 9281 000 TAX MAP: 0675 0038 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 18 SWIFT CREEK JURISDICTION: WC ZONING: R40W SW DEVICE: N S#:
APPLICANT: RONNIE ADAMS (919) 480 - 4210
2804 CASCADE PLACE GARNER, NC 27529
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: 0.30 0.30 BEDROOMS: 5 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: Y
SITE: ADDRESS: 5207 DUTCHMAN DR
SUBDIVISION: DUTCHMAN DOWNS LOT: 5 ACRES: 1.34 EASEMENT: N LOC: SYS:
DIRECTION: TRYON L LAKE WHEELER R PENNY L INTO S/D

IMPROVEMENT PERMIT

As per GS 130A-335 (f), Improvement Permit is based on a Site Plan and is void Sixty (60) months from date of issuance: ☐

As per GS 130A-335 (f), Improvement Permit is based on a Plat and is valid without expiration: ☐

Permit is subject to revocation if the site plan or plat, whichever is applicable, or the intended use changes.

TANK SIZE: 1500 gal. PUMP Tank: ____ gal. GREASE TRAP: ____ gal. SQ FT: 1530 ACCEPTED STATUS MAX DEPTH LINE: 26 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: II A PUMP: N P/M: N LP: TD:
DAILY FLOW: 600 gal/day WATER: INDIVIDUAL PRETREATMENT: NA FILL: DAF: DEEP: REDUCE35%:

COMMENTS:

IP ISSUED? Y DATE: 12/17/2013 BY: (AYA) Alan Alcock PHONE#: (919)-868-2560

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

Contractors shall install system on contours see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation.

OTHER CONDITIONS: INSTALL (3) - 3' WIDTH X 170' LENGTH ACCEPTED STATUS LINES; INSTALL ON CONTOUR AND MAINTAIN ALL SETBACKS; RE-FLAG SYSTEM AND PROPERTY LINES (IF NECESSARY) PRIOR TO INSTALLATION; SYSTEM IS GRAVITY TO D-BOX; CALL WITH QUESTIONS PRIOR TO INSTALLATION

TANK SIZE: 1500 gal. PUMP TANK: ____ gal. GREASE TRAP: ____ gal. SQ FT: 1530 ACCEPTED STATUS MAX DEPTH LINE: 26 in.
MAINT: N OPER: N L/O: Y TRENCH#: 3 LENGTH: 170 ft. WIDTH: 36 in. DESIGNER: ____
SUBFIELDS: ____ DESIGN HEAD PRESSURE: ____ DESIGN FLOW: ____ gal/min DOSE VOLUME: ____ gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 03/20/2014 BY: (AYA) Alan Alcock PHONE#: (919)-868-2560

Revised

I, MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1: 10,000+; that the area shown hereon was calculated by coordinates.

Witness my hand and seal this day of MONTH 2013.

WAKE CO. REGISTRY
BM 1969 PG 67

076104749281

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocation of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

[Signature]
Signature of Owner or Authorized Agent

0141392
D050211

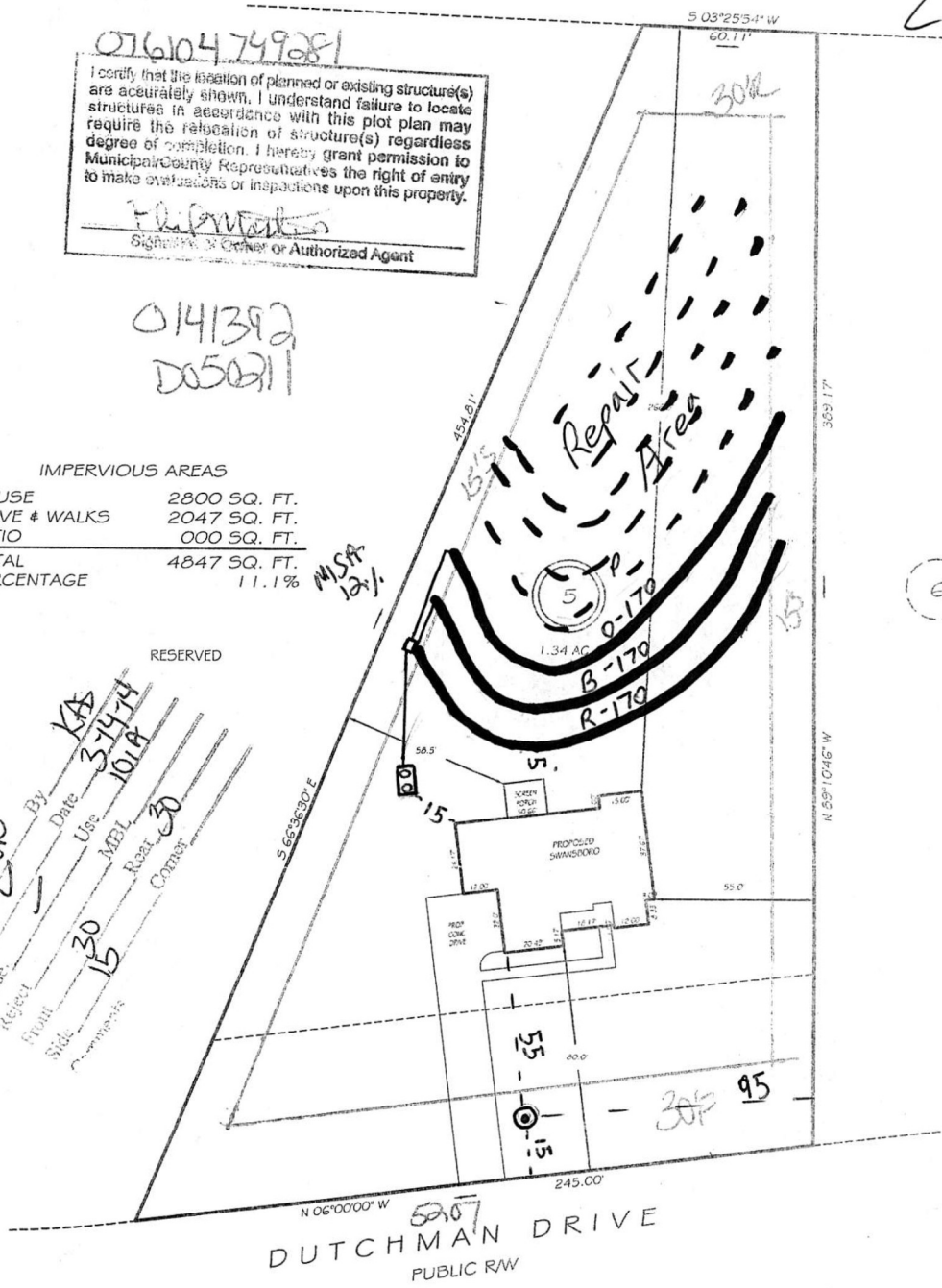
IMPERVIOUS AREAS

HOUSE	2800 SQ. FT.
DRIVE & WALKS	2047 SQ. FT.
PATIO	000 SQ. FT.
TOTAL	4847 SQ. FT.
PERCENTAGE	11.1%

RESERVED

By: *KA*
Date: *3-14-14*
Use: *MBL*
Rear: *30*
County: *15*
Side: *15*
Front: *15*

APPROVE
REVIEW
REJECT
FLOOD
SLIDE
PERMITS



REVISION: NEW PLANS 2/25/14
REVISION: ADD 3RD CAR 2/25/14

PRELIMINARY
NOT FOR RECORDATION,
SALES OR CONVEYANCE

LEGEND

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
RAW	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN

GRiffin LAND SURVEYING, INC.
P.O. BOX 148
FUQUAY-VARINA, NC 27526
(919) 567-1963

PLOT PLAN
FOR
MANGRUM BUILDING

DRAWN BY NMF	DATE 10/24/13
CHECKED BY MPG	SCALE 1" = 50'

DUTCHMAN DOWNS
LOT 5
5207 DUTCHMAN DRIVE
RALEIGH, N.C.
WAKE COUNTY SWIFT CREEK TOWNSHIP

WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells.

1. Well Contractor Information:

London E. Phillips

Well Contractor Name:

3441-A

NC Well Contractor Certification Number:

N.W. Poole Well & Pump Co.

Company Name:

2. Well Construction Permit #:

D050211

List all applicable well construction permits (i.e. County, State, Variance, etc.)

3. Well Use (check well use):**Water Supply Well:**

- ☐ Agricultural ☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply) ☒ Residential Water Supply (single)
☐ Industrial/Commercial ☐ Residential Water Supply (shared)
☐ Irrigation

Non-Water Supply Well:

- ☐ Monitoring ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge ☐ Groundwater Remediation
☐ Aquifer Storage and Recovery ☐ Salinity Barrier
☐ Aquifer Test ☐ Stormwater Drainage
☐ Experimental Technology ☐ Subsidence Control
☐ Geothermal (Closed Loop) ☐ Tracer
☐ Geothermal (Heating/Cooling Return) ☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed:

3-27-14

5. Well Location:

Mangum Builders

Facility/Owner Name:

Facility ID# (if applicable)

5207 Dutchman dr (Lot 5)

Physical Address, City, and Zip

Wake

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35°42'43.73" N 78°46'15.50" W

6. Is (are) the well(s): ☒ Permanent or ☐ Temporary**7. Is this a repair to an existing well:** ☐ Yes or ☒ No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed:

1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

9. Total well depth below land surface:

163.5

(ft.)

For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing:

30

(ft.)

If water level is above casing, use "+"

11. Borehole diameter:

6

(in.)

12. Well construction method:

Rotary

(i.e. auger, rotary, cable, direct push, etc.)

13. FOR WATER SUPPLY WELLS ONLY:**13a. Yield (gpm):**

20

Method of test:

Pump

13b. Disinfection type:

H+H

Amount:

2002

For Internal Use ONLY:

FROM	TO	DESCRIPTION
125 ft	130 ft	5 gpm
160 ft	165 ft	15 gpm

FROM	TO	DIAMETER	THICKNESS	MATERIAL
1.5 ft	108.5 ft	6 in.	1.88	galv

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft	ft	in.		
ft	ft	in.		

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft	ft	in.			
ft	ft	in.			

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft	20 ft	portland cement	pumped
ft	ft	portland	
ft	ft		

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft	ft		
ft	ft		

FROM	TO	DESCRIPTION (color, hardness, soil rock type, grain size, etc.)
0 ft	2 ft	top soil
2 ft	101 ft	sand & clay
101 ft	165 ft	slate & limestone
ft	ft	
ft	ft	
ft	ft	
ft	ft	

REMARKS:
used hardened steel driveshafts

22. Certification:

Signature of Certified Well Contractor

3-27-14
Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

24. Submittal Instructions:**24a. For All Wells:** Submit this form within 30 days of completion of well construction to the following:Division of Water Quality, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617**24b. For Injection Wells:** In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:Division of Water Quality, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636**24c. For Water Supply & Geothermal Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

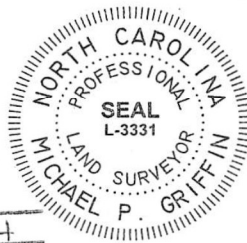
AS Built Permit # 0141392

W-13186

I, MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1:10,000+; that the area shown hereon was calculated by coordinates.

Witness my hand and seal this 13TH day of NOVEMBER 2014.

[Signature]



Zoning R40W By DLG
 Approve / Date 12-3-14
 Revise / Use 101A
 Reject / MBL
 Front 30 Rear 30
 Side 15 Corner /
 Comments:

IMPERVIOUS AREAS
 HOUSE 2673 SQ. FT.
 DRIVE & WALKS 1475 SQ. FT.
 SCREEN PORCH 171 SQ. FT.
 TOTAL 4319 SQ. FT.
 PERCENTAGE 7.4%

MISA 12:1

RESERVED

REVISED

PIN#

0761749281

PERMIT #
0141392

D050211



Site plan approved as shown for deck.
 Any changes to site plan voids approval. All setbacks apply.
 for septic systems and wells, regarding any pools, decks, additions and/or accessory structures. Applicant is responsible for maintaining all portions of the septic system, repair area and wells from damage during construction. Adhere to all Local and State Rules.
 Approved by Lee Perkins Date 12/3/14
 Wake County Department of Environmental Services.
 Water and Waste Water Section

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer or Professional Surveyor in the State of North Carolina.

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer or Professional Surveyor in the State of North Carolina.

THIS PROPERTY IS NOT LOCATED
 IN THE 100 YEAR FLOOD ZONE.

LEGEND

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
RAW	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	PH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN



GRIFFIN LAND SURVEYING, INC.

P.O. BOX 148
 FUQUAY-VARINA, NC 27526
 (919) 567-1963

SURVEY FOR
MANGRUM BUILDING

DUTCHMAN DOWNS
 LOT 5

5207 DUTCHMAN DRIVE

RALEIGH, N.C.

WAKE COUNTY SWIFT CREEK TOWNSHIP

DRAWN BY KDF

DATE 11/13/14

CHECKED BY MPG

SCALE 1" = 50'

Construction As-Built

W-13186
0141392 0050211

I, MICHAEL P. GRIFFIN, certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1: 10,000+; that the area shown hereon was calculated by coordinates.

Witness my hand and seal this 13TH day of NOVEMBER 2014.



WAKE CO. REGISTRY
BM 1969 PG 67

Michael P. Griffin



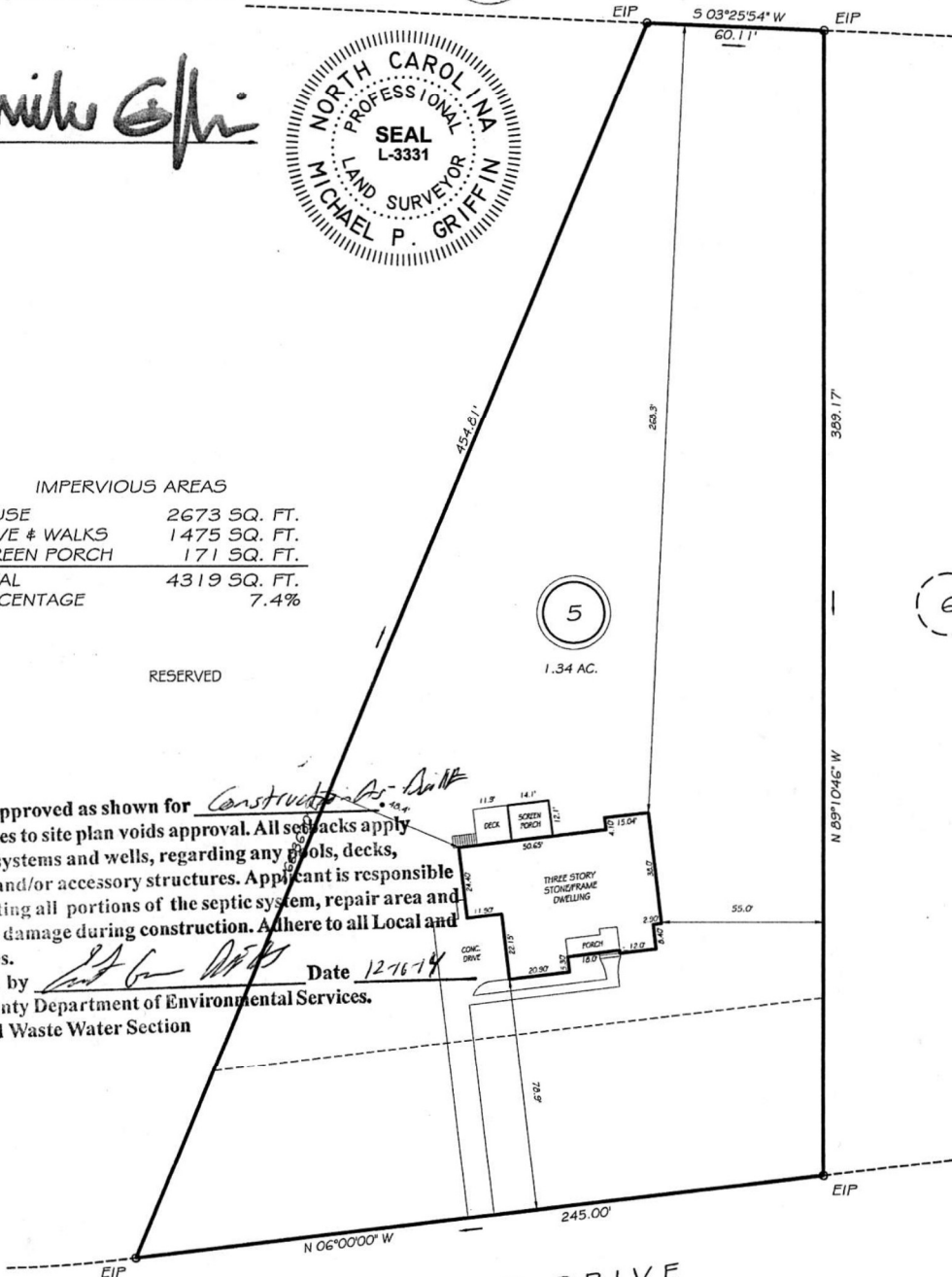
IMPERVIOUS AREAS	
HOUSE	2673 SQ. FT.
DRIVE & WALKS	1475 SQ. FT.
SCREEN PORCH	171 SQ. FT.
TOTAL	4319 SQ. FT.
PERCENTAGE	7.4%

RESERVED



Site plan approved as shown for *Construction As-Built*
Any changes to site plan voids approval. All setbacks apply for septic systems and wells, regarding any pools, decks, additions and/or accessory structures. Applicant is responsible for protecting all portions of the septic system, repair area and wells from damage during construction. Adhere to all Local and State Rules.

Approved by *[Signature]* Date *12-16-14*
Wake County Department of Environmental Services,
Water and Waste Water Section



DUTCHMAN DRIVE
PUBLIC RW

LEGEND

THIS PROPERTY IS NOT LOCATED
IN THE 100 YEAR FLOOD ZONE.

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
R/W	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN



GRIFFIN LAND SURVEYING, INC.
P.O. BOX 148
FUQUAY-VARINA, NC 27526
(919) 567-1963

SURVEY FOR
MANGRUM BUILDING

DUTCHMAN DOWNS
LOT 5
5207 DUTCHMAN DRIVE
RALEIGH, N.C.
WAKE COUNTY SWIFT CREEK TOWNSHIP

DRAWN BY KDF	DATE 11/13/14
CHECKED BY MPG	SCALE 1" = 50'