

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 1049859

PIN #: 2706882536

OP DATE: 1210212014

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.)

00900

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 22"
☐ 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

CH

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#: **D049859** STATUS: **A** APP. DATE: **09/18/2013** BLDG. PERMIT#: **0140817**
PIN: **2706 88 2536 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#: _____
TOWNSHIP: **09 LITTLE RIVER** JURISDICTION: **WC** ZONING: **R30** SW DEVICE: **N S#:** _____
APPLICANT: **WYNN CONSTRUCTION** (919) 603 - 7965
2550 CAPITOL DR CREEDMOOR, NC 27522
USE: HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE: _____
LTAR: **0.30 0.30** BEDROOMS: **3** BASEMENT: **N** #EMPLOYEES: **0**
SITE: ADDRESS: **2928 PLANTATION GLEN DR**
SUBDIVISION: **WOODS PLANTATIO** LOT: **30** ACRES: **0.68** EASEMENT: **N** LOC: **SYS:** _____
DIRECTION: **US64E L DEBNAM L SHEPARDS SCHOOL SUB ON L**

Well System: WATER: INDIVIDUAL - TYPE: NEW

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
WELL CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
WELLHEAD APPROVED ☐ DATE _____ EHS _____
SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS: WELL SHOULD BE LOCATED AT LEAST 25 FEET FROM THE HOUSE, 16 FEET FROM THE FRONT PROPERTY LINE, 17 FEET FROM THE SIDE PROPERTY LINE, AND 100 FEET FROM THE SIDE PROPERTY LINE. WELL SHOULD BE CASED TO 35 FEET AND GROUTING IS RECOMMENDED TO 35 FEET. SEE CA SITE PLAN FOR DETAILS. CALL PRIOR TO INSTALLATION WITH ANY QUESTIONS.

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ DOSE VOLUME: _____ gal. INNOVATIVE LETTER: _____
INSTALLED BY: Phillip Bladuey INSTALLATION APPROVED BY: Adalway RTHS
PROPRIETARY SYSTEM: ET 1203HS TYPE SYSTEM: **II A**
COMMENTS: _____
OPERATIONS PERMIT ISSUED? Y OP DATE: 12/2/14 BY: Adalway RTHS

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). 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: 9/16/14 Benchmark: Tank Rod reading: 4'5" Distance to Structure: _____
ST: 1000 gals ID#: Mills 858 D.O.M.: 7-10-14 Elev.: 100.0' Distance to Well: _____
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to P/L: _____
GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
O-box/FD/PM elev.: 5'1" Supply Line: _____ ft. Pump/Ctrl Panel: _____ Filter: _____
Line 1: 6'7" _____ Date: _____ Line 6: _____ Date: _____
Line 2: 6'10" _____ Date: _____ Line 7: _____ Date: _____
Line 3: 7'7" _____ Date: _____ Line 8: _____ Date: _____
Line 4: _____ Date: _____ Line 9: _____ Date: _____
Line 5: _____ Date: _____ Line 10: _____ Date: _____
ETM1: _____ CC1: _____ ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
Notes: _____

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

PERMIT#: D049859 STATUS: A APP. DATE: 09/18/2013 BLDG. PERMIT#: 0140817
PIN: 2706 88 2536 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 09 LITTLE RIVER JURISDICTION: WC ZONING: R30 SW DEVICE: N S#:
APPLICANT: WYNN CONSTRUCTION (919) 603 - 7965
2550 CAPITOL DR CREEDMOOR, NC 27522
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: 0.30 0.30 BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: N
SITE: ADDRESS: 2928 PLANTATION GLEN DR
SUBDIVISION: WOODS PLANTATIO LOT: 30 ACRES: 0.68 EASEMENT: N LOC: SYS:
DIRECTION: US64E L DEBNAM L SHEPARDS SCHOOL SUB ON L

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: 1000 gal. PUMP Tank: ____ gal. GREASE TRAP: ____ gal. SQ FT: 900 ACCEPTED STATUS MAX DEPTH LINE: 22 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: II A PUMP: N P/M: N LP: TD:
DAILY FLOW: 360 gal/day WATER: INDIVIDUAL PRETREATMENT: NA FILL: DAF: DEEP: REDUCE35%:

COMMENTS:

IP ISSUED? Y DATE: 07/22/2014 BY: (AMH) *Atbellamy BEHS* PHONE#: (919)-422-3751

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 SYSTEM AS SHOWN ON SITE PLAN. DO NOT GRADE IN SYSTEM OR REPAIR AREA. CALL PRIOR TO INSTALLATION WITH ANY QUESTIONS.

TANK SIZE: 1000 gal. PUMP TANK: ____ gal. GREASE TRAP: ____ gal. SQ FT: 900 ACCEPTED STATUS MAX DEPTH LINE: 22 in.
MAINT: N OPER: N L/O: N TRENCH#: 3 LENGTH: 100 ft. WIDTH: 36 in. DESIGNER: ____
SUBFIELDS: ____ DESIGN HEAD PRESSURE: ____ DESIGN FLOW: ____ gal/min DOSE VOLUME: ____ gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 07/22/2014 BY: (AMH) *Atbellamy BEHS* PHONE#: (919)-422-3751 *CAH 7/24/14*

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NOTES:
-THIS PLAN DOES NOT REFLECT AN ACTUAL SURVEY. IT IS A PRELIMINARY PLAN AND SHOULD BE USED FOR ITS INTENDED PURPOSE ONLY.

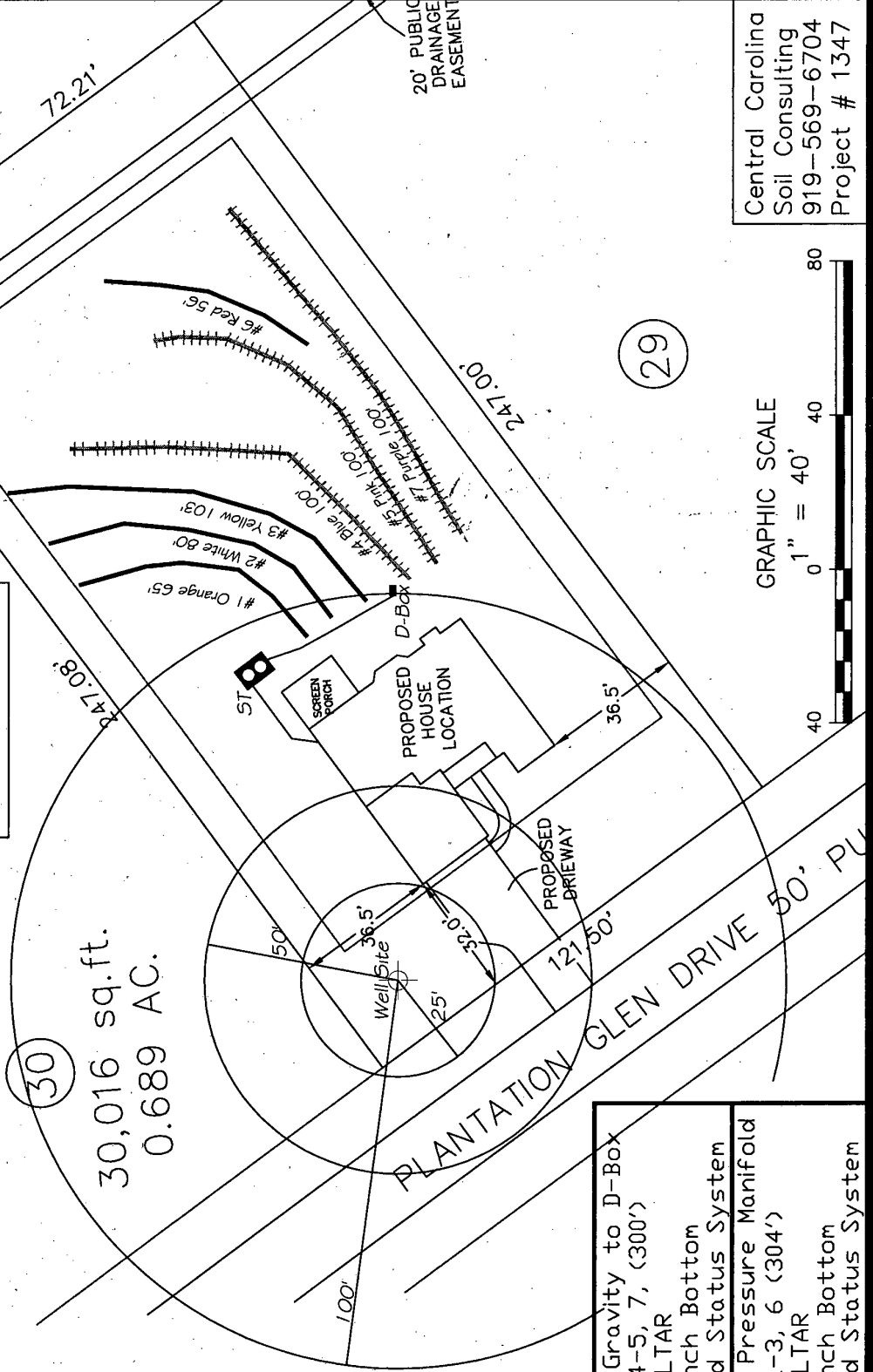
-NOT FOR RECORDATION CONVEYANCES.

Wynn Construction
Woods Plantation
Lot 30
3-Bedroom Septic System Layout
February 2014

- *Keep Tanks and Drain lines 10' from property lines.
- *Not a Survey
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.

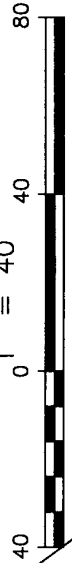
System: #####
Repair: ———

30
30,016 sq.ft.
0.689 AC.



System: Gravity to D-Box
Lines: 4-5, 7, (300')
0.3 Soil LTAR
24" Trench Bottom
Accepted Status System
Repair: Pressure Manifold
Lines: 1-3, 6 (304')
0.3 Soil LTAR
24" Trench Bottom
Accepted Status System

GRAPHIC SCALE
1" = 40'



Central Carolina
Soil Consulting
919-569-6704
Project # 1347

Woods Plantation Lot 30

Repair Tap Chart

Bench Mark	0.00	is = 100.00		Location of BM		Elevation Head		5.30	
Pump tank elev.	3	97.00	Pump elev.	92.00	Manifold elev.		97.30		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Orange	3.70	96.30	65	1/2in SCH 80	5.48	70.03	195	0.3591
2	White	4.00	96.00	80	1/2in SCH 40	7.11	90.86	240	0.3786
3	Yellow	4.30	95.70	103	3/4in SCH 80	10.1	129.07	309	0.4177
6	Red	5.20	94.80	56	1/2in SCH 80	5.48	70.03	168	0.4169
total		feet =		304	gal/min =	28.17	<u>LTAR =</u>		0.2750
							<u>LTAR + %5</u>		0.2888
% of Dose Vol.	75	<u>Des. Flow</u>		360	(ltar W/ INOV)				0.3667
Dose Volume	148.20	Pump Run=		12.78	(ltar W/ INOV + 5%)				0.3850
Dose Pump Time	5.26	Tank Gal/IN		21					
Drawdown in Inches	7.06								