

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0031746

PIN #: 1779698337

OP DATE: 071112005

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

- ☐ ☐ ☐
☐ ☐ ☐
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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.)

01200

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

BW 2/19/14

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#: **D031746** STATUS: **A** APP. DATE: **10/06/2004** BLDG. PERMIT#: **0051138**
PIN: **1779.02 69 8337 000** TAX MAP: **0251 0000** RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **19 WAKE FOREST** JURISDICTION: **WC** ZONING: **40W**
APPLICANT: **DENMARK CONSTRUCTION**
416-B US HWY 1 N
YOUNGSVILLE, NC 27596
(919) 556 - 9007
USE: **HD USE: 101 ONE-FAMILY HOUSE**
EXIST USE:
DISPOSAL: **BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0**
SITE: **ADDRESS: 7105 BARHAM HOLLOW DR**
SUBDIVISION: **BARHAM PLACE** LOT: **21** ACRES: **0.92**
DIRECTION: **401N R BARHAM SIDING RD L BARHAM HOLLOW HSE ON**
L

Well System: WATER: INDIVIDUAL - TYPE: NEW

WELL LOG INFORMATION: DEPTH: 400 CASING DEPTH: 99 YIELD: 8 STATIC LEVEL: 31
WELL CONTRACTOR: Davis Well REG.# 229 PUMP CONTRACTOR: Service Pump REG.# 983
Construction Compliance GROUT APPROVED ☒ DATE 3-3-05 EHS CHAD WILSON
13701 WELLHEAD APPROVED ☒ DATE 6/25/05 EHS 2/05
SYSTEM FINALIZED ☒ DATE 7/14/05 EHS 2/05
COMMENTS: Org Brg

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: _____

INSTALLED BY: James Bailey
PROPRIETARY SYSTEM: _____
COMMENTS: _____

INSTALLATION APPROVED BY: Arion L. Ellis II
FILTER NO: _____

OPERATIONS PERMIT ISSUED? YOP DATE: 7-11-05BY: Arion L. Ellis II

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: 4/19/05 Benchmark: _____ Rod reading: _____ Distance to Structure: _____
ST: 1200 gals ID#: STB-857 D.O.M.: 11-15-04 Elev.: _____ Distance to Well: _____
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: _____ Supply Line: _____ ft. Pump/Control Panel: _____
Line 1: 6' 3 1/4" _____ Date: _____
Line 2: 6' 4" _____ Date: _____
Line 3: 6' 4" _____ Date: _____
Line 4: _____ Date: _____
Line 5: _____ Date: _____
Distance to P/L: _____ Notes: _____

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DIRECTION: **401N R BARHAM SIDING RD L BARHAM HOLLOW HSE ON**
L

IMPROVEMENT PERMIT

TANK SIZE: **1200** gal. PUMP Tank: **_____** gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **24** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **III G** PUMP: **N** P/M: **N**
DAILY FLOW: **480** gal/day DESIGN FEE REQ?: **PAID?:** WATER: **INDIVIDUAL**

COMMENTS:

IP ISSUED? **Y** DATE: **11/30/2004** BY: (AMB) *Adrienne R* PHONE#: **856-5524**

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. **OTHER CONDITIONS:**
INSTALL SYSTEM AS SHOWN ON SITE PLAN. DO NOT GRADE OR FILL IN SEPTIC OR REPAIR AREA. CALL PRIOR TO INSTALLATION WITH ANY QUESTIONS. MAINTAIN ALL SETBACKS.

TANK SIZE: **1200** gal. PUMP TANK: **_____** gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **24** in.
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **3** LENGTH: **133** ft. WIDTH: **36** in. DESIGNER: **_____**
SUBFIELDS: **__** DESIGN HEAD PRESSURE: **_** DESIGN FLOW: **_____** gal/min DOSE VOLUME: **_____** gal.

CA ISSUED? **Y** DATE: **11/30/2004** BY: (AMB) *Adrienne R* PHONE#: **856-5524**

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structure in accordance with this plot plan may result in the relocation of structure(s) regardless of the cost involved. I hereby grant permission to Municipal Authority Representatives the right of entrance to make evaluations or inspections upon this property.


Signature of Owner or Authorized Agent

TOTAL IMPERVIOUS = 5356 #
LOT AREA = 39988

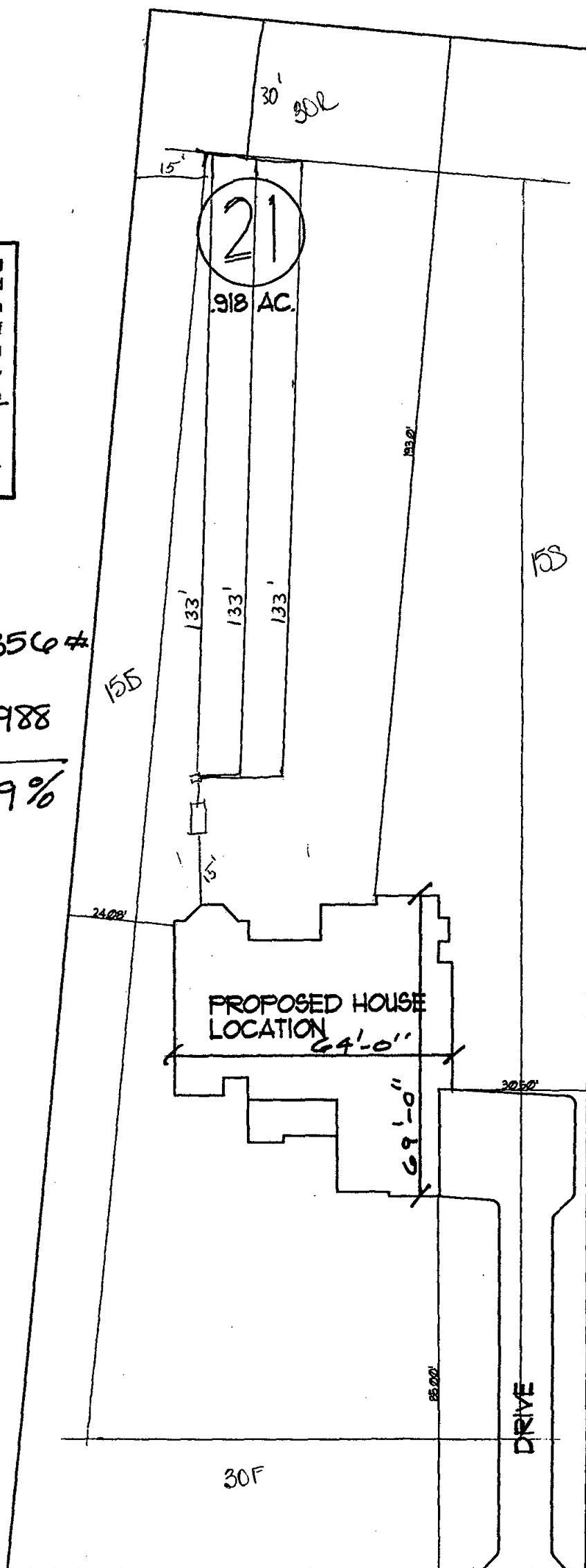
13.09%

0051138
D31744

Zoning 4011 By SJL
 Approve ✓ Date 10.16.04
 Revise _____ Use 101
 Reject _____ MBL _____
 Front 30 Rear 30
 Side 15 Corner _____
 Comments:

SCALE
1" = 30'

Lot 21
BARHAM PLACE



7105 BARHAM HOLLOW DRIVE

CA Site Plan

3 x 133 x 3

Innovative System

Innovative Repair
24" Trench Depth

Pin: 177902698337

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Signature of Owner or Authorized Agent

House 3456
DRIVE 1620
Porches 280

TOTAL IMPERVIOUS = 5356 #

LOT AREA = 39988

13.09%

0051138
D31744

Zoning 4011 By SIL
Approve ✓ Date 10.6.04
Revise Use 101
Reject MBL
Front 30 Rear 30
Side 15 Corner

Comments:

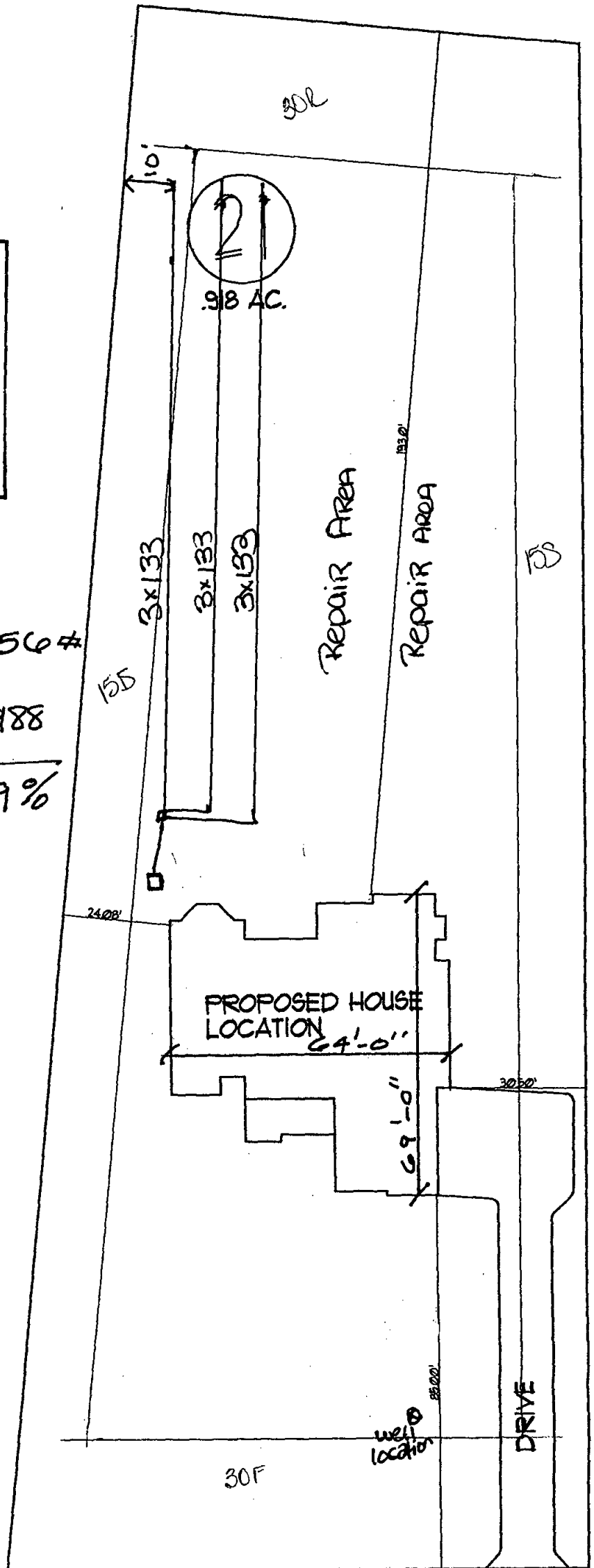
SCALE
1" = 30'

Lot 21

BARHAM PLACE

7105

BARHAM HOLLOW DRIVE



WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Glenn DAVIS CERTIFICATION # 2385
WELL CONTRACTOR COMPANY NAME DAVIS well Drilling PHONE # 919 494-2440
STATE WELL CONSTRUCTION PERMIT# _____ ASSOCIATED WQ PERMIT# DCU 31746
(if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☒ Industrial ☐ Agricultural ☐
Monitoring ☐ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use _____

2. WELL LOCATION:

Nearest Town: Rolesville County Wake
7105 Bayham Hollow Dr. Lot 21 Bayham Place
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
☒ Ridge ☐ Slope ☐ Valley ☐ Flat
(check appropriate box)

Latitude/longitude of well location

3. OWNER: Denmark Construction
Address 416-B US Hwy 1N
(Street or Route No.)

Youngsville N.C. 27596
City or Town State Zip Code

(919) 556 9007
Area code- Phone number

4. DATE DRILLED 3-3-05

5. TOTAL DEPTH: 400

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 31 FT.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 1 FT. Above Land Surface*

*Top of casing terminated at/or below land surface requires a variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): 8 METHOD OF TEST Air

10. WATER ZONES (depth): 175 & 375

(degrees/minutes/seconds)
Latitude/longitude source: ☐ GPS ☐ Topographic map
(check box)

DEPTH DRILLING LOG
From To Formation Description

Top to 89 Soil

89 to 400 Igneous

LOCATION SKETCH

Show direction and distance in miles from at least two State Roads or County Roads. Include the road numbers and common road names.

11. DISINFECTION: Type Chlorine Amount 100 PPM

12. CASING: Wall Thickness

From	Depth	To	Diameter	or Weight/Ft.	Material
From <u>top</u>	To <u>89</u>	Ft. <u>6 1/8</u>	<u>SDR21</u>	<u>PVC</u>	
From _____	To _____	Ft. _____	_____	_____	_____
From _____	To _____	Ft. _____	_____	_____	_____

13. GROUT: Depth Material Method

From	Depth	To	Material	Method
From <u>top</u>	To <u>22</u>	Ft. <u>cement</u>	<u>poured</u>	
From _____	To _____	Ft. _____	_____	_____

14. SCREEN: Depth Diameter Slot Size Material

From	Depth	To	Diameter	Slot Size	Material
From _____	To _____	Ft. _____	_____ in.	_____ in.	_____
From _____	To _____	Ft. _____	_____ in.	_____ in.	_____

15. SAND/GRAVEL PACK: Depth Size Material

From	Depth	To	Size	Material
From _____	To _____	Ft. _____	_____	_____
From _____	To _____	Ft. _____	_____	_____

16. REMARKS: _____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Glenn Davis 3-3-05
SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE