

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0047776

PIN #: 1617108786

OP DATE: 0810112012

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.)

01080

DRAIN TYPE:

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

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

AA

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#: **D047776** STATUS: **A** APP. DATE: **06/27/2012** BLDG. PERMIT#: **0122703**
PIN: **1617.03 10 8786 000** TAX MAP: **0845 0000** RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **15 PANTHER BRANCH** JURISDICTION: **WC** ZONING: **HD** SW DEVICE: **N S#:**
APPLICANT: **CAROLINA CUSTOM BUILDERS**
4905 DEPARTURE DRIVE
RALEIGH, NC 27616
(919) 909 - 4150
USE: **HD USE: 436D RESIDENTIAL DETACHED GARA**
EXIST USE: 101A CONVENTIONAL ONE-FAMILY H
LTAR: 0.40 0.40 BEDROOMS: 0 BASEMENT: N #EMPLOYEES: 0
SITE: **ADDRESS: 7012 FIELD HILL RD**
SUBDIVISION: FIELD RIDGE LOT: 2 ACRES: 0.70 EASEMENT: N LOC: SYS:
DIRECTION: **HWY42 GO 3 1/2MI R FIELD HILL**

Well System: WATER: INDIVIDUAL - TYPE:

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: **EXISTING WELL**

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ **Operation Permit**
INNOVATIVE LETTER: _____
INSTALLED BY: Thornton's Plumbing INSTALLATION APPROVED BY: Alan Alcorn
PROPRIETARY SYSTEM: EZ-FLOW-new FILTER NO: Polylock
COMMENTS: Gravel - existing
OPERATIONS PERMIT ISSUED? Y OP DATE: 8/1/12 BY: Alan Alcorn

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: 8/1/12 Benchmark: ST Rod reading: 8'1" Distance to Structure: 14'
ST: 1000 gals ID#: 814 D.O.M.: _____ Elev.: 8'1" Distance to Well: 750
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
(D-box)FD/PM elev.: 9'3" Supply Line: 21 ft. Pump/Control Panel: _____
Line 1: 10'9" Date: 8/1/12 Line 6: _____ Date: _____
Line 2: 11'5" Date: 1 Line 7: _____ Date: _____
Line 3: _____ Date: _____ Line 8: _____ Date: _____
Line 4: _____ Date: _____ Line 9: _____ Date: _____
Line 5: _____ Date: _____ Line 10: _____ Date: _____
Distance to P/L: _____ Notes: _____

Existing ST re-located

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#: **D047776** STATUS: **A** APP. DATE: **06/27/2012** BLDG. PERMIT#: **0122703**
PIN: **1617.03 10 8786 000** TAX MAP: **0845 0000** RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **15 PANTHER BRANCH** JURISDICTION: **WC** ZONING: **HD** SW DEVICE: **N S#:**
APPLICANT: **CAROLINA CUSTOM BUILDERS**
4905 DEPARTURE DRIVE
RALEIGH, NC 27616
(919) 909 - 4150
USE: **HD USE: 436D RESIDENTIAL DETACHED GARA**
EXIST USE: 101A CONVENTIONAL ONE-FAMILY H
LTAR: 0.40 0.40 BEDROOMS: 0 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: Y
SITE: **ADDRESS: 7012 FIELD HILL RD**
SUBDIVISION: FIELD RIDGE LOT: 2 ACRES: 0.70 EASEMENT: N LOC: SYS:
DIRECTION: **HWY42 GO 3 1/2MI R FIELD HILL**

IMPROVEMENT PERMIT

TANK SIZE: **1000** gal. PUMP Tank: _____ gal. SQ FT: **1080** STONE DEPTH: **12 in.** MAX DEPTH LINE: **32 in.**
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **II A** PUMP: **N** P/M: **N**
DAILY FLOW: **360** gal/day DESIGN FEE REQ?: _____ PAID?: _____ WATER: **INDIVIDUAL**

COMMENTS:

IP ISSUED? _____ DATE: _____ BY: () N/A PHONE#: _____

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**

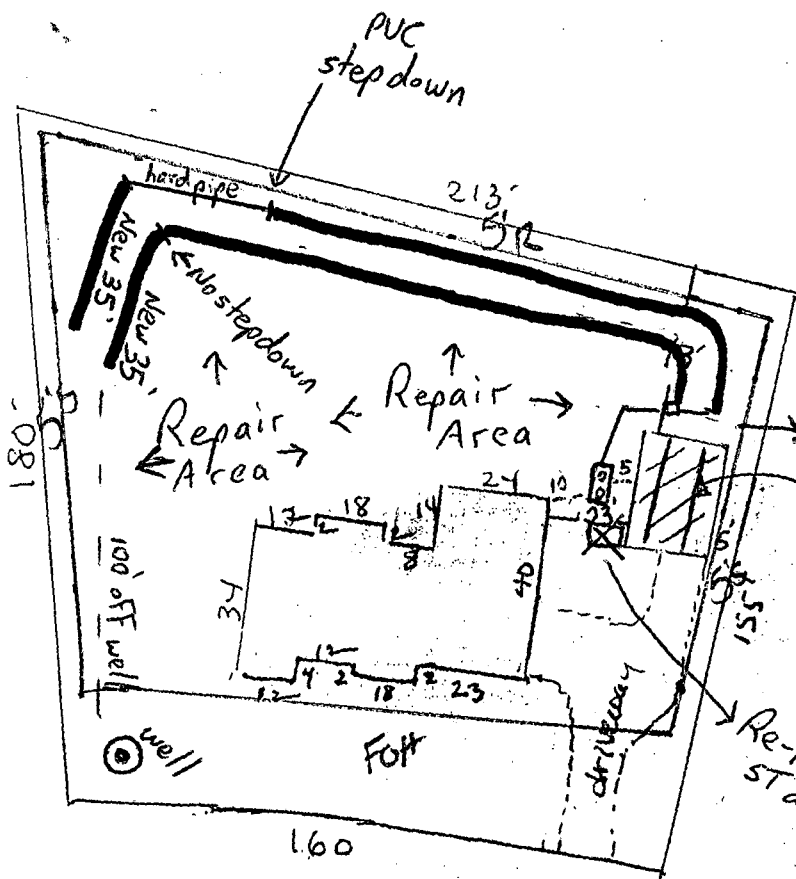
CONDITIONS:

RE-LOCATE ST AS SHOWN ON SITE PLAN - IF EXISTING ST CONDITION WILL BE COMPROMISED BY MOVING; -PUMP, CRUSH, AND FILL EXISTING ST AND SET NEW 1000 GAL. ST AS SHOWN ON SITE PLAN; CUT DRAINLINES 6' OFF GARAGE AND EXCAVATE GRAVEL BETWEEN GARAGE AND CUT; PACK EXCAVATED AREA WITH CLAY OR BENTONITE TO PREVENT BACKFLOW UNDER GARAGE; INSTALL (2) - 3' WIDTH X 35' LENGTH GRAVEL LINES AT ENDS OF EXISTING LINES; TOP LINE MAY REQUIRE STEPDOWN AS SHOWN ON CA SITE PLAN; CALL WITH QUESTIONS PRIOR TO INSTALLATION.

TANK SIZE: **1000** gal. PUMP TANK: _____ gal. SQ FT: **1080** STONE DEPTH: **12 in.** MAX DEPTH LINE: **32 in.**
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **2** LENGTH: **35** ft. WIDTH: **36** in. DESIGNER: _____
SUBFIELDS: _____ DESIGN HEAD PRESSURE: _____ DESIGN FLOW: _____ gal/min DOSE VOLUME: _____ gal.

CA ISSUED? **Y** DATE: **07/10/2012** BY: (AYA) Alan Alcock PHONE#: **868-2560**

Revised



Impervious Surface
TOTAL 30485

house 1847
garage 660
drive 1010

11.54% 3517

Cut lines 5' off
garage & excavate gravel between
garage & cut;
1 story detached garage
pack with clay
or bentonite to
prevent backflow

Re-locate
ST as shown
7012 Field Hill Rd
Raleigh
Field Ridge Lot 2

1" = 50

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.

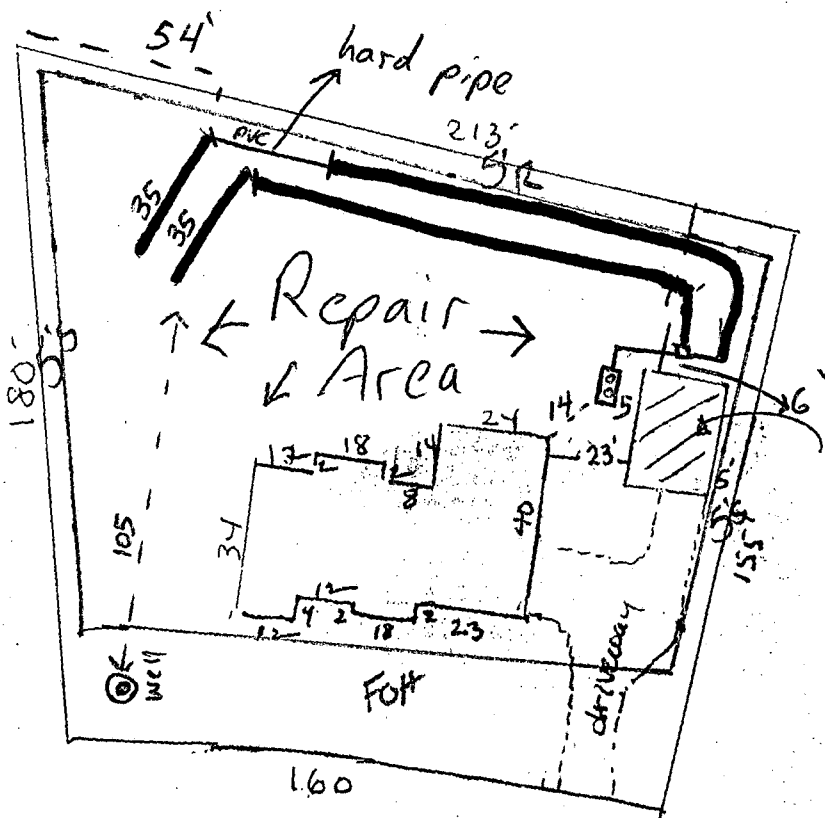
James E. Mark
Signature of Owner or Authorized Agent

Pin 161703108786
Permit 0122703
D047776

Zoning	<u>HIS</u>	By	<u>KAS</u>
Approve	<u>✓</u>	Date	<u>7-5-0</u>
Revise	<u>✓</u>	Use	<u>4361D</u>
Reject		MBL	<u>101A</u>
Front	<u>F014</u>	Rear	<u>5</u>
Side	<u>5</u>	Corner	

Comments:

AS BUILT



house 1847
garage 660
drive 1010

11.54% 3517
MISA 30%

22x30
1 story detached garage

7012 Field Hill Rd
Raleigh
Field Ridge Lot 2

$$I'' = 50$$

James E. Mark
Signature of Owner or Authorized Agent

Pin- 161703108786

Permit- 0122703

D 64776

Zoning HD By KAS
 Approve ✓ Date 7-5-02
 Revise ✓ Use 4361D
 Reject _____ MBL 101A
 Front F014 Rear 5
 Side 5 Corner _____

Comments:

Impervious Surface
TOTAL 30485
house 1847
garage 660
drive 1010

11.54% 3517
MISAP 30.1

22x30
1 story
detached
garage

7012 Field Hill Rd
Raleigh

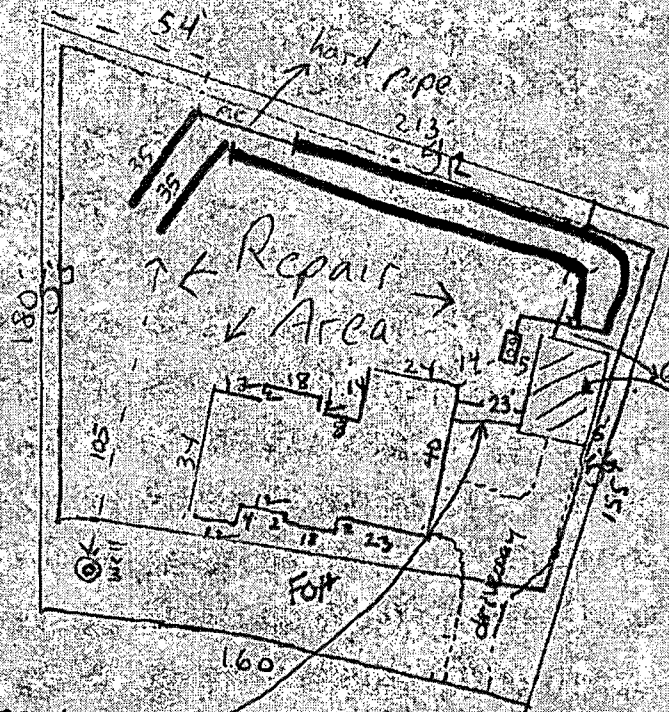
Field Ridge Lot 2

W-9027

Pin 161703/08786

Permit 0122703

D 64776



Conduit From
Under House

$l'' = 50$

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.

Edgar L. Smith
Signature of Owner or Authorized Agent

Site plan approved as shown for Electrical Linc. to garage
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 8-23-12
Wake County Department of Environmental Services.
Water and Waste Water Section