

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0049005

PIN #: 1628032938

OP DATE: 1010912014

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.)

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

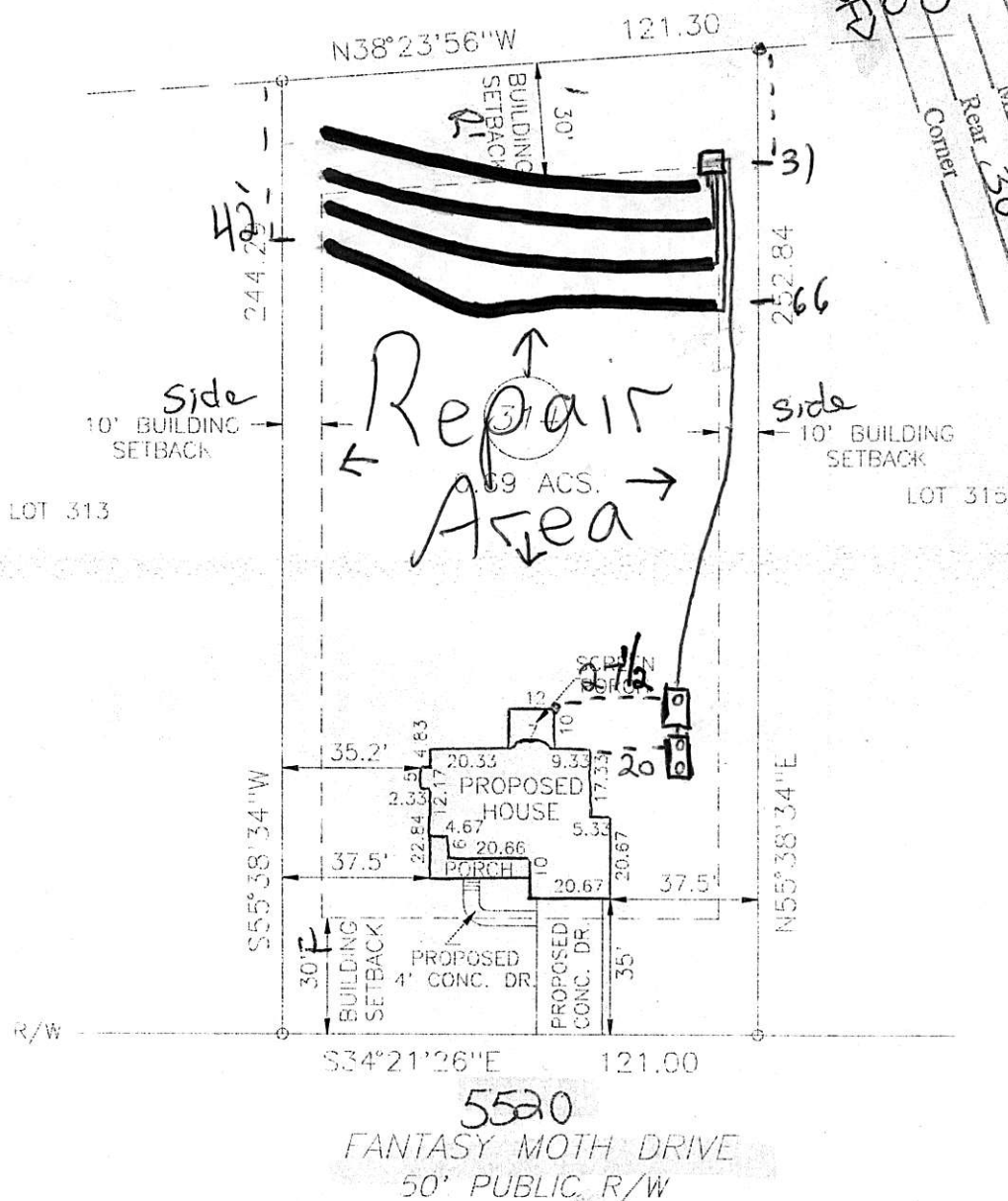
LOT 314, TURNER FARMS SECT. 4, PH. 9 & 10
B.M. 2007. PG. 2883
PANTHER BRANCH TOWNSHIP
WAKE COUNTY, NORTH CAROLINA
ADDRESS: 5520 FANTASY MOTH DRIVE

N.C. GRID NORTH (NAD 83/1983)
(B.M. 2007, PG. 2883)

0132611
D049065

AS BUILT

LOT 311



Zoning _____
 Approve ✓ _____
 Revises _____
 Reject 30 _____
 Front 10 _____
 Side 50 _____
 Comments _____

BY KAS
 Date 2-19-14
10114

Use _____
 NBL 30 _____
 Rear _____
 Corner _____

1628032938

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 of Owner or Authorized Agent

FOUNDATION/ C. PORCH	1,652 s.f.
CONCRETE DRIVEWAY	585 s.f.
CONCRETE WALK	101 s.f.
IMPERVIOUS	2,338 s.f.
TOTAL IMPERVIOUS ALLOWED = 5,148 s.f.	

NLSA

STEWART-PROCTOR
ENGINEERING and SURVEYING
319 CHAPANOKE ROAD SUITE 106
RALEIGH, NC 27603
TEL. 919 779-1855 FAX 919 779-1661

DATE	02/14/14	SURVEYED
SCALE	1"=50'	DRAWN

DRAWING
(Z-958)

(IN FEET)
1 inch = 50 ft.



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#: D049065 STATUS: A APP. DATE: 04/22/2013 BLDG. PERMIT#: 0132611
 PIN: 1628 03 2938 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
 TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30 SW DEVICE: N S#:
 APPLICANT: STARCRAFT BUILDERS INC (919) 369 - 1228
 728 PINEY GROVE WILBON RD HOLLY SPRING, NC 27540
 USE: HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE:
 LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
 SITE: ADDRESS: 5520 FANTASY MOTH DR
 SUBDIVISION: TURNER FARMS LOT: 314 ACRES: 0.69 EASEMENT: N LOC: SYS:
 DIRECTION: FROM 40 EAST 50 SOUTH S/D ON L

Well System: WATER: COMMUNITY - 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: COMMUNITY WATER

DESIGN FLOW: 28.4 gal./min. ACTUAL FLOW: 27.6 DOSE VOLUME: gal. INNOVATIVE LETTER:
 INSTALLED BY: Thornton's Plumbing INSTALLATION APPROVED BY: Alan Alcock
 PROPRIETARY SYSTEM: EZ FLOW TYPE SYSTEM: II A
 COMMENTS: Polylock Filter
 OPERATIONS PERMIT ISSUED? ☒ OP DATE: 10-9-14 BY: L. C. Howard

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: 9/5/14 Benchmark: - Rod reading: - Distance to Structure: -
 ST: 1200 gals ID#: STB 529 D.O.M.: 2/17/14 Elev.: 55 Distance to Well: N/A
 PT: 1230 gals ID#: PT 364 D.O.M.: 2/16/14 Elev.: 5'11 1/2 Distance to P/L:
 GT: gals ID#: D.O.M.: Elev.: Pretreatment:
 D-box/FD/PM elev.: 21" Supply Line: 150 ft. Pump/Ctrl Panel: Filter:
 Line 1: 4'10" Date: 9/5/14 Line 6: Date:
 Line 2: 6'1/2" Date: Line 7: Date:
 Line 3: 7'0" Date: Line 8: Date:
 Line 4: 8'0" Date: Line 9: Date:
 Line 5: Date: Line 10: Date:
 ETM1: 38h CC1: 81 ETM2: CC2: OR: AC: WM:
 Notes:

24.5 gpm
 55 1/4"
 Start 52 1/4"
 45 1/2" start
 49 3/4" stop
 51.25 start
 53.5 stop

$$4.25 / 3 = 2.25 / 2$$

$$= 1.125 \times 24.5 = 27.6$$

$$= 1.416 \times 24.5 = 34.7 \text{ too high}$$
 Good ✓

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#: D049065 STATUS: A APP. DATE: 04/22/2013 BLDG. PERMIT#: 0132611
PIN: 1628 03 2938 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30 SW DEVICE: N S#:
APPLICANT: STARCRAFT BUILDERS INC (919) 369 - 1228
728 PINEY GROVE WILBON RD HOLLY SPRING, NC 27540
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: Y
SITE: ADDRESS: 5520 FANTASY MOTH DR
SUBDIVISION: TURNER FARMS LOT: 314 ACRES: 0.69 EASEMENT: N LOC: SYS:
DIRECTION: FROM 40 EAST 50 SOUTH S/D 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: 1200 gal. PUMP Tank: 1200 gal. GREASE TRAP: gal. SQ FT: 1200 ACCEPTED STATUS MAX DEPTH LINE: 28 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: II A PUMP: Y P/M: N LP: N TD: N
DAILY FLOW: 480 gal/day WATER: COMMUNITY PRETREATMENT: NA FILL: N DAF: N DEEP: N REDUCE35%: N

COMMENTS:

IP ISSUED? Y DATE: 05/14/2013 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 (4) - 3' WIDTH X 100' LENGTH ACCEPTED STATUS LINES; INSTALL ON CONTOUR AND MAINTAIN ALL SETBACKS; RE-FLAG SYSTEM AND PROPERTY LINES (IF NECESSARY) PRIOR TO INSTALLATION; SYSTEM IS PUMP TO MANI-TEE; CALL WITH QUESTIONS PRIOR TO INSTALLATION

TANK SIZE: 1200 gal. PUMP TANK: 1200 gal. GREASE TRAP: gal. SQ FT: 1200 ACCEPTED STATUS MAX DEPTH LINE: 28 in.
MAINT: N OPER: N L/O: Y TRENCH#: 4 LENGTH: 100 ft. WIDTH: 36 in. DESIGNER:
SUBFIELDS: _ DESIGN HEAD PRESSURE: _ DESIGN FLOW: _ gal/min DOSE VOLUME: _ gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 02/25/2014 BY: (AYA) *Alan Alcock* PHONE#: (919)-868-2560

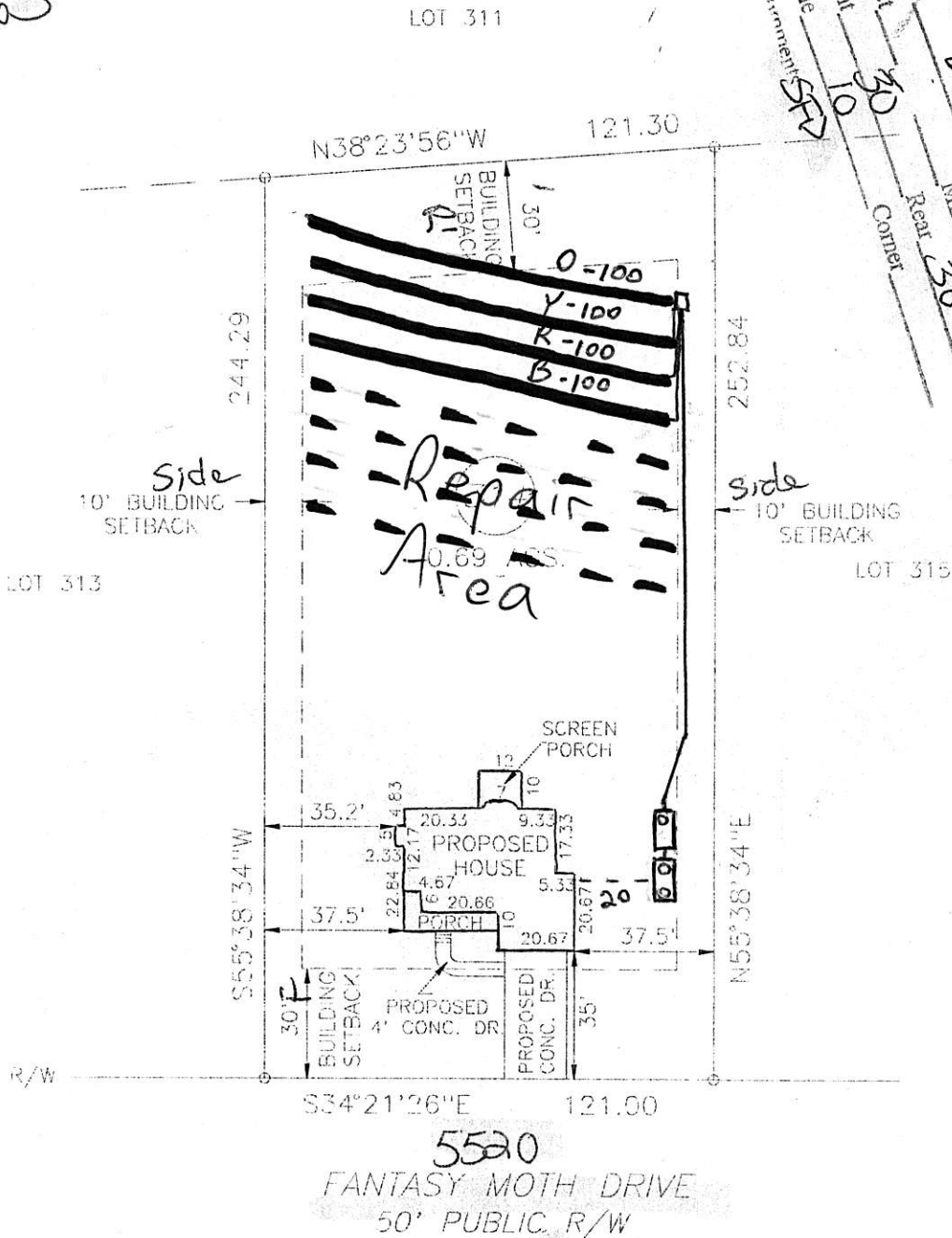
STARCRAFT BUILDERS, LLC

LOT 314, TURNER FARMS SECT. 4, PH. 9 & 10
B.M. 2007, PG. 2883
PANTHER BRANCH TOWNSHIP
WAKE COUNTY, NORTH CAROLINA
ADDRESS: 5520 FANTASY MOTH DRIVE

Revised

CA
N.C. GRID NORTH (NAD 83/1983)
(B.M. 2007, PG. 2883)

0132611
D049065



By KAS
Date 2-19-14
Use MBL
Rear 30
Corner 30
Front 10
Side 10
Current SR
Zoning SR
Approve ✓
Revise ✓
Reject ✓

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.

William H. Hoot
Signature of Owner or Authorized Agent

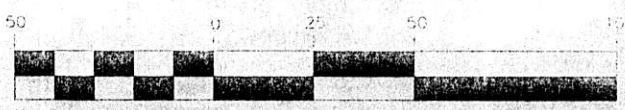
PROPOSED IMPERVIOUS SURFACE AREAS	
FOUNDATION/ C. PORCH	1,652 s.f.
CONCRETE DRIVEWAY	585 s.f.
CONCRETE WALK	101 s.f.
IMPERVIOUS	2,338 s.f.
TOTAL IMPERVIOUS ALLOWED = 5,148 s.f.	

STEWART-PROCTOR
ENGINEERING and SURVEYING
319 CHAPANOKE ROAD SUITE 106
RALEIGH, NC 27603
TEL. 919 779-1855 FAX 919 779-1661

DATE 02/14/14 SURVEYED
SCALE 1"=50' DRAWN

DRAWING
(Z-958)

GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.