

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0048683

PIN #: 1618947761

OP DATE: 01/15/2014

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.)

01260

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 22"

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

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#: D048683 STATUS: A APP. DATE: 02/06/2013 BLDG. PERMIT#: 0131788
 PIN: 1618 94 7761 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
 TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30 SW DEVICE: R S#: S003135
 APPLICANT: PEACHTREE COMMUNITIES LLC (678) 899 - 0300
 PO BOX 468509 ATLANTA, GA 31146
 USE: HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE:
 LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
 SITE: ADDRESS: 5552 FANTASY MOTH DR
 SUBDIVISION: TURNER FARMS LOT: 321 ACRES: 1.26 EASEMENT: N LOC: SYS:
 DIRECTION: 50S L GOLDEN GRAIN R FANTASY MOTH

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:

Operation Permit

DESIGN FLOW: 55.39 gal./min. ACTUAL FLOW: _____ DOSE VOLUME: 205 gal. INNOVATIVE LETTER: _____
 INSTALLED BY: David Trumble INSTALLATION APPROVED BY: E. C. Noland
 PROPRIETARY SYSTEM: 92FLOW TYPE SYSTEM: III B
 COMMENTS: _____
 OPERATIONS PERMIT ISSUED? Y OP DATE: 11/15/14 BY: E. C. Noland

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: 1-15-14 Benchmark: Top CM Box Rod reading: 2'6" Distance to Structure: 7'
 ST: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to Well: _____
 PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to P/L: 210
 GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
 D-box/FD/PM elev.: 2'6" Supply Line: _____ ft. Pump/Ctrl Panel: Zoller N-140 Filter: _____
 Line 1: _____ Date: _____ Line 6: 9'3" _____ Date: _____
 Line 2: 6'3" _____ Date: _____ Line 7: _____ Date: _____
 Line 3: 7'5" _____ Date: _____ Line 8: _____ Date: _____
 Line 4: 8'1" _____ Date: _____ Line 9: _____ Date: _____
 Line 5: 8'10" _____ Date: _____ Line 10: _____ Date: _____
 ETM1: 22h CC1: 999830 ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
 Notes: _____

1-15-14 Remaining system components aside from
 the tanks & top drainline approved.
 Jill Perkins Approved other components.
 Pump Final Also Approved on THIS Day -

ES Copy

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

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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#: D048683 STATUS: A APP. DATE: 02/06/2013 BLDG. PERMIT#: 0131788
PIN: 1618 94 7761 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30 SW DEVICE: R S#: S003135
APPLICANT: PEACHTREE COMMUNITIES LLC (678) 899 - 0300
PO BOX 468509 ATLANTA, GA 31146
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE: DESIGN FEE REQ?: Y PAID?: Y
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: N
SITE: ADDRESS: 5552 FANTASY MOTH DR
SUBDIVISION: TURNER FARMS LOT: 321 ACRES: 1.26 EASEMENT: N LOC: SYS:
DIRECTION: 50S L GOLDEN GRAIN R FANTASY MOTH

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: 1260 ACCEPTED STATUS MAX DEPTH LINE: 22 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III B PUMP: Y P/M: Y 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: 01/07/2014 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: ACCEPTED STATUS SYSTEM REDUCTION HAS BEEN TAKEN FOR THE DESIGN OF INITIAL AND REPAIR SYSTEMS. PLEASE SEE DESIGN PLANS BY BCSC, PC. (APPROVED 01-06-14 BY BSM) FOR INSTALLATION INFORMATION. INITIAL SYSTEM IS A VARIED LENGTH LINE PRESSURE MANIFOLD WITH 22 INCH TRENCH BOTTOMS. WHEN INSTALLING DRAINLINES, PLEASE MAINTAIN ALL REQUIRED SETBACKS. REPAIR SYSTEM IS A VARIED LENGTH LINE DUAL PRESSURE MANIFOLD WITH 22 INCH TRENCH BOTTOM. WHEN CLEARING AREA FOR INITIAL SYSTEM, DO NOT DISTURB OR REMOVE ANY SOIL FROM EITHER THE INITIAL OR REPAIR AREA. A NEMA4X CONTROL PANEL WITH TWO BREAKERS, TWO POWER SUPPLIES, ELAPSED TIME METER, AND CYCLE COUNTER IS REQUIRED. INSTALL TRENCHES ON CONTOUR AND > OR = 9FT ON CENTER. NO FOUNDATION DRAIN WILL BE INSTALLED ON HOUSE PER APPLICANT'S LETTER AND CONSULTANT'S DESIGN. PERMIT WILL BE VOID IF FOUNDATION DRAIN IS INSTALLED. PUMP TANK MUST BE SET SO THAT THE TOP SEAM OF THE PUMP TANK IS BELOW THE BOTTOM OF THE OUTLET ON THE SEPTIC TANK. MUST MAINTAIN REQUIRED EMERGENCY STORAGE IN PUMP TANK. CONSULTANT'S DESIGN SPECIFYING A SHORT DOSE PUMP RUN TIME COULD RESULT IN PREMATURE PUMP FAILURE.

TANK SIZE: 1200 gal. PUMP TANK: 1200 gal. GREASE TRAP: gal. SQ FT: 1260 ACCEPTED STATUS MAX DEPTH LINE: 22 in.
MAINT: N OPER: N L/O: P TRENCH#: 6 LENGTH: 420 ft. WIDTH: 36 in. DESIGNER: BCSC, PC
SUBFIELDS: 1 DESIGN HEAD PRESSURE: 2 DESIGN FLOW: 55.39 gal/min DOSE VOLUME: 205 gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 01/07/2014 BY: (BSM) Butt PHONE#: (919)-856-7463

As Built
1" = 50'

LOT INFORMATION:

LOT #321
DB 15112, PG 1979
PARCEL ID: 0371117
PIN: 1618947761
ADDRESS: 5552 FANTASY MOTH
TOTAL LOT AREA = 1.26 AC = 55,005 SF
PROPOSED IMPERVIOUS = 3,936 SF
BLDG = 1,899 SF
PO = 109 SF
CRP = 235 SF
SW = 123 SF
DW = 1,570 SF
PERCENT IMPERVIOUS = 7.16 %

MISA

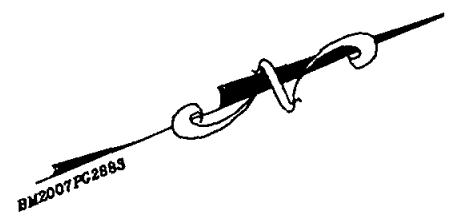
REVISED
ATTN: ALAN ALCO

Pin #

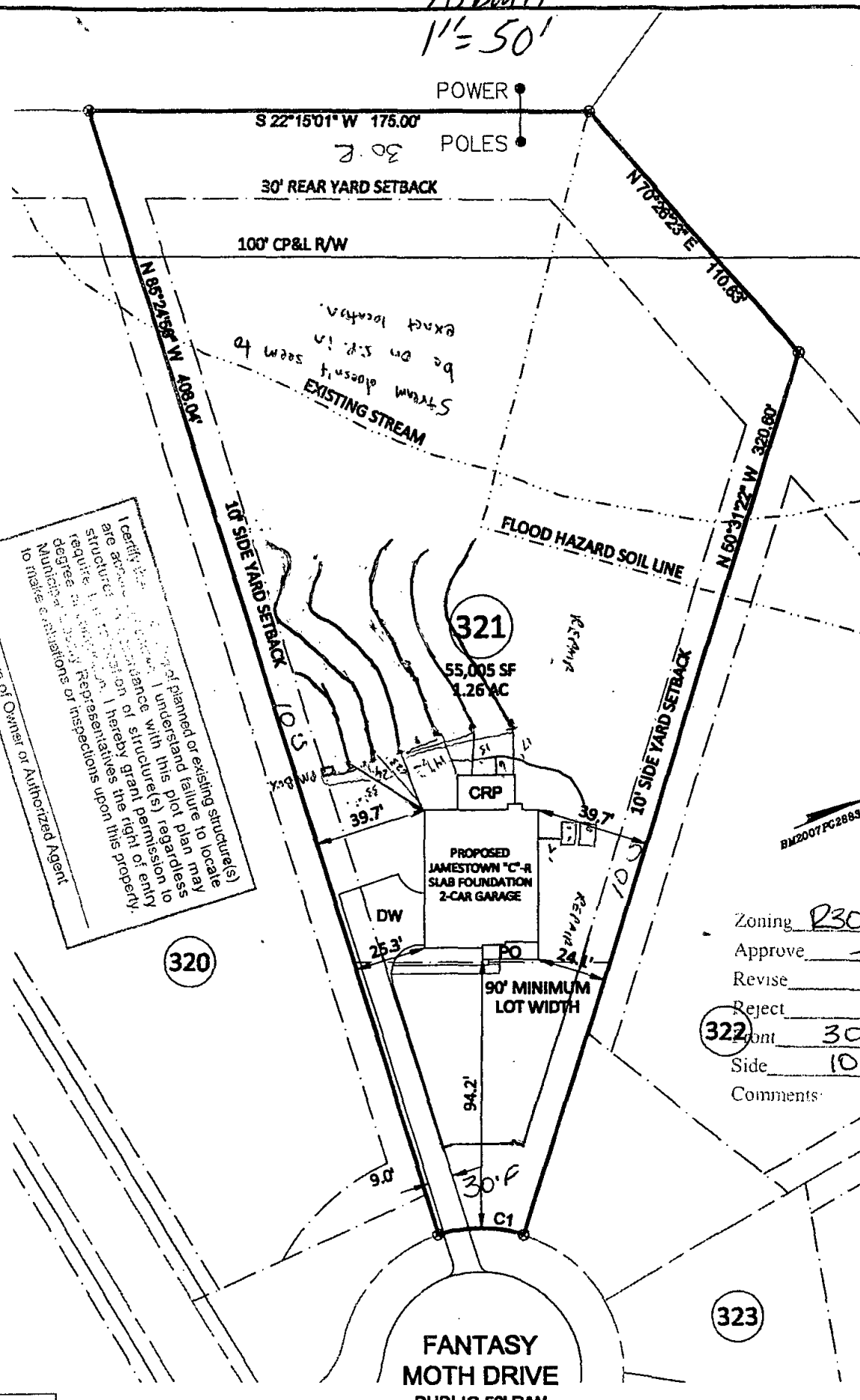
161804947761

PERMIT # 0131788

D048683



Zoning R30 By DUG
Approve — Date 5.15.13
Revise — Use 101A
Reject — MBL —
Front 30 Rear 30
Side 10 Corner —
Comments: —



Signature of Owner or Authorized Agent
to make contributions or inspections upon this property.

KEY CO.,
MITTING
HOWN
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APPLIED TO
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ID
NUMBER
OF UTILITIES
T REAR AND

SECTION	CHORD
W	29.98'

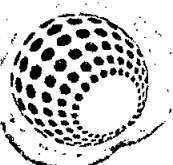
1" = 50'
SCA

CA Site Plan Part A
PIN# 1618947761
0048683 Turner Farm Lot 321
*See CA Site Plans Part B/C & Design Plan (Approved 1-6-14
by BSM) for installation info.

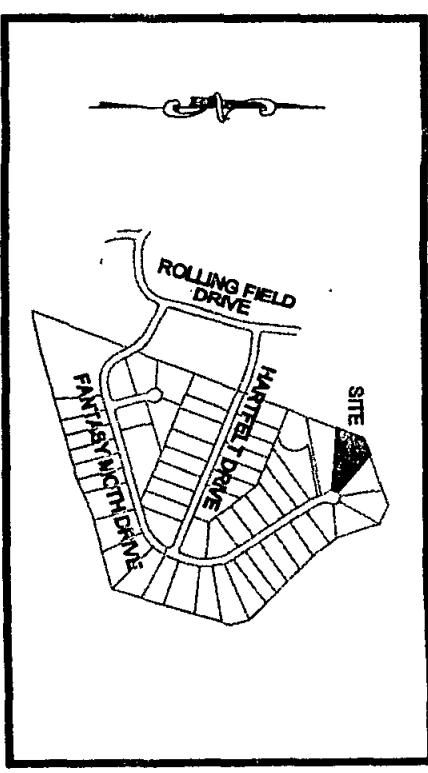
LOT INFORMATION:

LOT #321
DB 15112, PG 1579
PARCEL ID: 0371117
PIN: 1618947761
ADDRESS: 5552 FANTASY MOTH DRIVE
TOTAL LOT AREA = 1.26 AC = 55,005 SF
PROPOSED IMPERVIOUS = 3,936 SF
BLDG = 1,899 SF
PO = 109 SF
CRP = 235 SF
SW = 123 SF
DW = 1,570 SF
PERCENT IMPERVIOUS = 7.16 %
N15A5148

Bateman Civil Survey Company



Engineers • Surveyors • Planners
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www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBLS Form No. C-2376



VICINITY MAP
(Not to Scale)

LEGEND

- PO = PORCH
- PA = PATIO
- CRP = COVERED REAR PATIO
- WD = WOOD DECK
- SW = SIDEWALK
- DW = CONC DRIVEWAY
- CP = CONTROL POINT
- OP = IRON PIPE ROUND
- OR = IRON PIPE SET
- DR = DRILL HOLE ROUND
- WM = WATER METER
- CO = CLEAN OUT
- AC = AIR CONDITIONER
- SE = SEWER MANHOLE
- EB = ELECTRIC BOX
- CB = CABLE BOX
- PI = TELEPHONE PEDISTAL
- CI = CURB INLET
- TUA = TRANSITIONAL USE AREA
- LP = LIGHT POLE

BUILDING SETBACKS:

FRONT = 30 ft
REAR = 30 ft
SIDE = 10 ft
CORNER = 30 ft
MINIMUM LOT WIDTH = 30 ft

APPROVAL FOR STAKING:

THIS PLOT PLAN AS PREPARED BY BATEMAN CIVIL SURVEY CO., IS CORRECT
AND IS HEREBY APPROVED FOR STAKING ON THE DATE AS SHOWN BELOW.

PEACHTREE COMMUNITIES REPRESENTATIVE

DATE

PRELIMINARY PLOT PLAN - LOT 321

FOR

PEACHTREE COMMUNITIES

TURNER FARMS - LOT 321

5552 FANTASY MOTH DRIVE, GARNER, NC
PANTHER BRANCH TOWNSHIP, WAKE COUNTY

DATE: 3/12/13 DRAWN BY: ASF CHECKED BY: SPC

NOTES:

- THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
- THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
- THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT.
- VERTICAL DATUM IS ASSUMED. THE LATITUDE, LONGITUDE AND STATE PLANE COORDINATES, IF SHOWN, ARE GIVEN IN NORTH AMERICAN DATUM OF 1983 (NAD83).
- FIELD EQUIPMENT USED: NIKON TOTAL STATION, EPOCH 3S.
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
- THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
- THE PROPERTY LIES IN ZONE 7X PER NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 3720161800J, DATED MAY 2, 2006.
- EASEMENTS FOR INSTALLATION AND MAINTENANCE OF UTILITIES AND DRAINAGE FACILITIES ARE RESERVED OVER 10' AT REAR AND 5' ON EACH SIDE LINE OF EACH LOT.
- ZONING IS R-30/RCOD-2.
- PROPERTY OWNER: PEACHTREE COMMUNITIES, LLC
41 PERIMETER CENTER EAST, STE 401
DUNWOODY, GEORGIA 30346

CURVE TABLE			
CURVE	RADIUS	LENGTH	CHORD DIRECTION
C1	60.00'	30.45'	N77°05'31"W
			29.98'

I, the undersigned, being a duly licensed and authorized agent of the State of North Carolina, do hereby certify that the foregoing is a true and correct copy of the original survey as shown to me by the owner or authorized agent of the property.

320

321

55,005 SF
1.26 AC

322

Zoning: R30 By: DLS
Approve: Date: 5-15-13
Revise: Use: 101A
Reject: MBL
Side: 30 Rear: 30
Side: 10 Corner:
Comments:

FANTASY
MOTH DRIVE
PUBLIC 50' R/W

323

SCALE:
1" = 50 ft.

*See CA Site Plan Part A & E & Design Plan (Approved 1-6-14 by BSM) for installation info.

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH
1	RED	3.8	40
2	YELLOW	4.7	95
3	RED	5.8	70
4	BLUE	6.5	70
5	ORANGE	7.0	65
6	YELLOW	7.4	75
7	PINK	7.8	80
8	RED	8.2	70
9	PINK	9.0	70
10	RED	9.5	55
11	BLUE	9.5	91
12	YELLOW	9.1	50

DATE: 04/08/13 DRAWN BY: TMB CHECKED BY: TMB

ES Copy

Septic System Design

for

**Turner Farms Lot 321
Raleigh, North Carolina**

Designed by:

**Matt Burdette
Bateman Civil Survey Company, PC
Holly Springs, North Carolina
BCSC Project #: 130230**

☐ APPROVED
☒ APPROVED AS NOTED
☐ DISAPPROVED

Review of this document has been made only for conformance with the design concept of the project and approval or approval as noted shall not relieve the designer and/or contractor from responsibility for any errors therein or for furnishing the materials, and equipment of proper dimension, size, quantity, quality and all performance characteristics to meet the requirements and intent of the contract documents.

**WAKE COUNTY DEPARTMENT OF
ENVIRONMENTAL SERVICES**

Date 1-6-14 By [Signature]

Revised
12/12/13

Turner Farms Lot 321
Layout/Design Specifications

Facility Type: Single Family Home
of Bedrooms: 4
Daily Flow: 480 gal/day
L.T.A.R.: 0.30 gal/day/sq.ft

Trench Depth: 22 24 in
Trench Width: 36 in
Stone Depth: EZ-FLOW in

Manifold Length: 54 in
Manifold Diameter: 4 in sch 80pvc
Supply Line Length: 103 ft
Supply Line Diameter: 2 in sch 40pvc
Supply Line Volume: 17.92 gallons

Friction Loss + Fitting Loss: 9.64 ft(supply line length + 70' for fittings in pump tank)

Design Head: 2 ft
Elevation Head: 12.30 ft
Total Head: 23.94 ft

Dose Volume: 205.00 gals
% of Pipe Vol. .75
Drawdown: 9.39 in @ 21.83 gal/in

Control Panel: SJE Rhombus Model112 control panel
(or approved equivalent)
Pump: Zoeller 140 Flow-Mate (or approved equivalent)
Tank Effluent Filter: Zoeller 170-0144 residential effluent filter
(or approved equivalent)
Septic Tank: 12001000 gallon
Pump Tank: 12001000 gallon

Turner Farms Lot 321 **SYSTEM TAP CHART**

Bench Mark: 11 = 100.00
 Pump tank elevation: 101.50

Manifold elev: 108.40
 Pump elev: 96.10

line	color	rod read	elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Red	3.60	107.40	40	1/2in SCH 80	5.48	47.49	120	0.3957
2	Yellow	4.70	106.30	100	3/4in SCH 40	12.5	108.32	300	0.3611
3	Red	5.80	105.20	75	3/4in SCH 80	10.1	87.52	225	0.3890
4	Blue	6.50	104.50	75	3/4in SCH 80	10.1	87.52	225	0.3890
5	Orange	7.00	104.00	60	1/2in SCH 40	7.11	61.61	180	0.3423
6	Yellow	7.40	103.60	70	3/4in SCH 80	10.1	87.52	210	0.4168

P-TANK 9.50 101.50

total feet = 420 gal/min = 55.39 LTAR = 0.30

Des. Flow 480
 Pump Run= 8.67
 (ltar + 5%) 0.32
 (ltar W/ INOV) 0.40
 (ltar + 5%) 0.42

Comments:

Turner Farms Lot 321 **REPAIR TAP CHART**

Bench Mark: 11 = 100.00
Pump tank elevation: 101.50

Manifold elev: 103.00
Pump elev: 96.10

line	color	rod read	elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
7	Pink	7.80	103.20	80	3/4in SCH 80	10.1	92.52	240	0.3855
8	Red	8.20	102.80	75	3/4in SCH 80	10.1	92.52	225	0.4112
9	Pink	9.00	102.00	60	1/2in SCH 40	7.11	65.13	180	0.3618
10	Red	9.50	101.50	55	1/2in SCH 40	7.11	65.13	165	0.3947
11	Blue	9.50	101.50	91	3/4in SCH 40	12.5	114.50	273	0.4194
12	Yellow	9.10	101.90	50	1/2in SCH 80	5.48	50.20	150	0.3347

P-TANK 9.50 101.50

total	feet =	411	gal/min =	52.4	<u>LTAR =</u>	0.30
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<u>Des. Flow</u>	480	(ltar + 5%)	0.32
Pump Run=	9.16	(ltar W/ INOV)	0.40
		(ltar + 5%)	0.42

Comments:

**FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION**

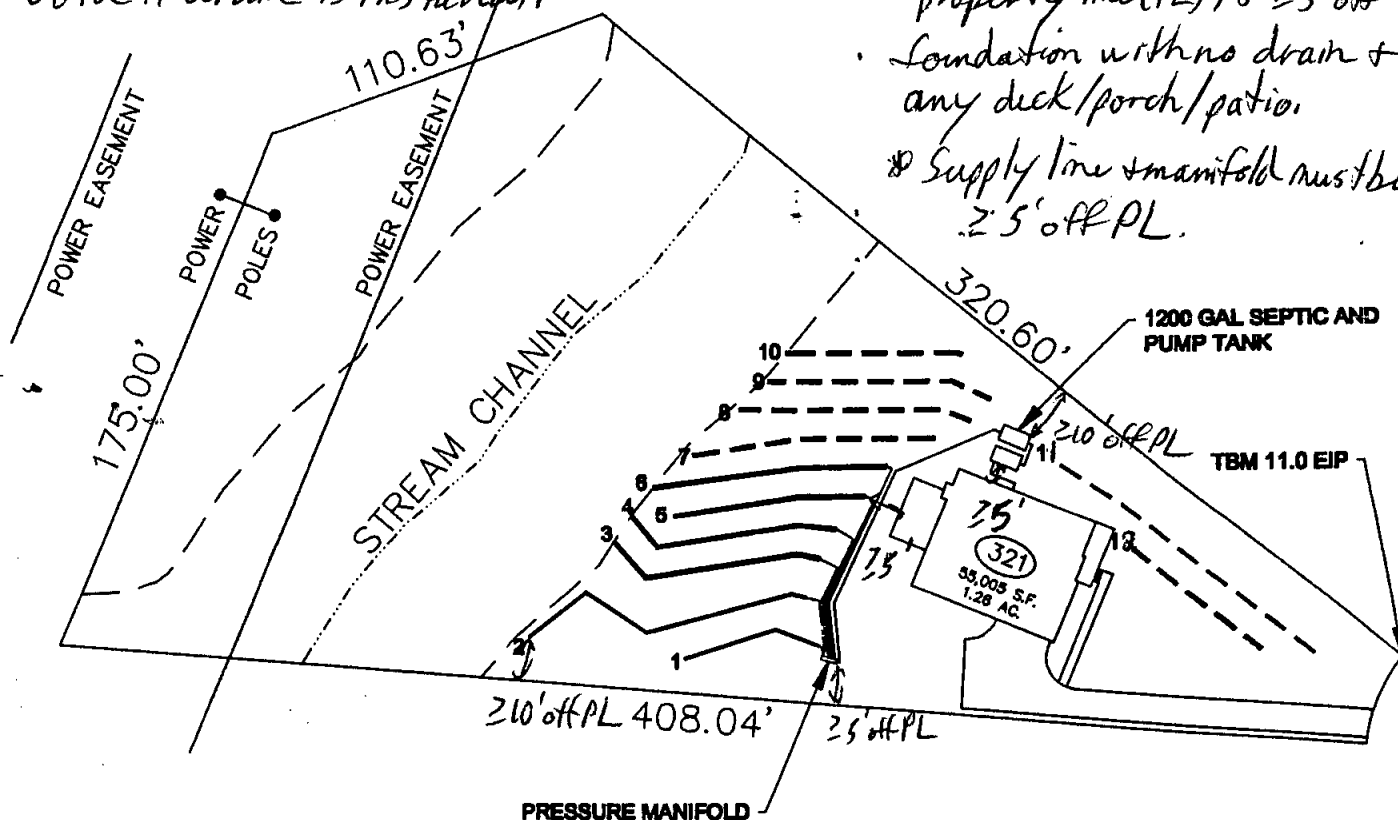
LINE SCHEDULE			
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH
1	RED	3.8	40
2	YELLOW	4.7	95
3	RED	5.8	70
4	BLUE	6.5	70
5	ORANGE	7.0	65
6	YELLOW	7.4	75
7	PINK	7.8	80
8	RED	8.2	70
9	PINK	9.0	70
10	RED	9.5	55
11	BLUE	9.5	91
12	YELLOW	9.1	50

No Foundation Drain

No foundation drain to be installed per applicant's letter & consultant's design. Permit will be void if drain is installed.

* Drainlines must be $\geq 9'$ on center, on contour, $\geq 10'$ off property line (PL), & $\geq 5'$ off foundation with no drain & any deck/porch/patio.

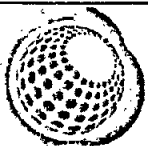
* Supply line manifold must be
2' 5" off PL.



* Tanks must be $\geq 10'$ off PL + $\geq 5'$ off foundation with no drain



SCALE:
1" = 60 ft.



Bateman Civil Survey Company

Engineers • Surveyors • Planners

255 N. Main Street, Holly Springs, NC 27540 Ph: 919.877.1200 Fax: 919.877.1201

www.hindustannewsagency.com info@hindustannewsagency.com

2. **RESEARCH DESIGN**
3. **2.1. Study Design**
4. **2.2. Participants**
5. **2.3. Procedure**
6. **2.4. Data Analysis**
7. **2.5. Results**
8. **2.6. Discussion**
9. **2.7. Conclusion**
10. **2.8. Acknowledgments**
11. **2.9. References**
12. **2.10. Appendix**
13. **2.11. Author Biographies**
14. **2.12. Declaration of Conflicting Interests**
15. **2.13. Funding**
16. **2.14. Data Availability**
17. **2.15. Ethics Approval**
18. **2.16. Author Contributions**
19. **2.17. Corresponding Author**
20. **2.18. Supplemental Material**
21. **2.19. Additional Information**
22. **2.20. Contact Information**
23. **2.21. Keywords**
24. **2.22. Abstract**
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PEACHTREE COMMUNITIES

LOT 321 TURNER FARMS

5552 Fantasy Moth Drive, Raleigh, NC
WAKE COUNTY
revised 12/12/19

DATE: 04/08/13 DRAWN BY: TMB CHECKED BY: TMB

CASite Plan Part C
PIN#1618947761
0048683 Turner Farms lot 321

*See CASite Plans Part A+B+Design Plan (Approved
1-6-14 by BSM) for installation info.



**Environmental
Services**

ATTN: ALAN
ALCOCK - ALSO
NEED TO CHANGE LOCATION
OF SEPTIC

TEL 919 856 7400

Water Quality Division

336 Fayetteville St. • P.O. Box 550 • Raleigh, NC 27602

Purpose: This forms is to be completed when making changes to a pending or active Well, Septic, or Building Permit.

D# 048683 BUILDING PERMIT # 0131788 PIN # 1618947761000

Change of Bedrooms from ... 4 to 3

*Site Plan May Be Required

Change Applicant Name to _____

*Attach Owner Authorization

Change of Applicant Address to _____

Change of Applicant Phone Number to _____

Change of Building Footprint _____

* Site Plan Will Be Required

Foundation Drain

* No Site Plan Required

☐ Yes

☒ No

Change # of Employees _____

* Business, Schools, Daycares, etc.

Change of Basement: Add Basement _____ or Remove Basement _____

Comments _____

Project (Site) Address 5552 Fantasy Moth Drive

Applicant Signature Taylor Sporn Date 10.21.13

Wake County Permit Processor DLB Date 10.23.13

☐ Sent to Plan Review Staff

Note: Any change made where a Wake County Building Permit is involved requires that this document be forwarded through the Wake County Building Permits Department. All other revision forms can be forwarded to Environmental Services representatives on the 1st floor. Be aware revision fee may be required before processing can begin.