

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#: D055683 STATUS: A APP. DATE: 08/08/2016 BLDG. PERMIT#: 0170383
PIN: 0770 12 8059 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 18 SWIFT CREEK JURISDICTION: WC ZONING: R30 SW DEVICE: N S#:
APPLICANT: STANTON HOMES (919) 830 - 0079
800 W WILLIAMS ST STE 271 APEX, NC 27502
USE: HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE:
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: Y #EMPLOYEES: 0
SITE: ADDRESS: 3504 CASTELAINE CIR
SUBDIVISION: BROOKSHIRE MANO LOT: 6 ACRES: 1.43 EASEMENT: N LOC: SYS:
DIRECTION: 401 SOUTH R 1010 L WESTLAKE GO 1 MILE S/D ON R

Well System: WATER: INDIVIDUAL - TYPE: NEW

WELL LOG INFORMATION DEPTH: 147' CASING DEPTH: 147' YIELD: 5 STATIC LEVEL: 20
WELL CONTRACTOR: Brady's REG.# PUMP CONTRACTOR: REC.#
Construction Compliance GROUT APPROVED ☒ DATE 7/28/17 EHS
WELLHEAD APPROVED ☐ DATE EHS
SYSTEM FINALIZED ☐ DATE EHS

COMMENTS: WELL SITED 25' OFF HOUSE, 10' OFF FRONT P/L, 67' OFF R/S P/L, AND 60' OFF L/S P/L.

Operation Permit

DESIGN FLOW: gal./min. ACTUAL FLOW: DOSE VOLUME: gal. INNOVATIVE LETTER:

INSTALLED BY: Brantlys INSTALLATION APPROVED BY:
PROPRIETARY SYSTEM: EZFLOW TYPE SYSTEM: II A

COMMENTS:

OPERATIONS PERMIT ISSUED? Y OP DATE: 11-16-17 BY:

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: 8/21/17 Benchmark: Rod reading: Distance to Structure: 19'
ST: 1200 gals ID#: DB 323 D.O.M.: 5/19/17 Elev.: 1'4.25" Distance to Well:
PT: gals ID#: D.O.M.: Elev.: Distance to P/L: 710'
GT: gals ID#: D.O.M.: Elev.: Pretreatment:
D-box/FD/PM elev.: 2'7" Supply Line: 4 ft. Pump/Ctrl Panel: Filter: SimTech
Line 1: 4'7" Date: Line 6: Date:
Line 2: 6'2" Date: Line 7: Date:
Line 3: 8'3" Date: Line 8: Date:
Line 4: 13.5" Date: Line 9: Date:
Line 5: Date: Line 10: Date:
ETM1: CCI: ETM2: CC2: OR: AC: WM:
Notes:

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DIRECTION: 401 SOUTH R 1010 L WESTLAKE GO 1 MILE S/D ON R

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.

[X] 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: ____ gal. GREASE TRAP: ____ gal. SQ FT: 1200 STONE DEPTH: ____ in. MAX DEPTH LINE: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: II A PUMP: N P/M: N
DAILY FLOW: 480 gal/day WATER: INDIVIDUAL PRETREATMENT: NA

COMMENTS:

IP ISSUED? Y DATE: 09/28/2016 BY: (TAH) *Francis Howard* PHONE#: (919)-369-5974

**AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VALIDITY CONCURRENT WITH THE IMPROVEMENT PERMIT**

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: SYSTEM DESIGNED AS AN ACCEPTED STATUS SYSTEM WITH A 25% REDUCTION TAKEN IN DRAINLINE LENGTH. THERE WILL BE A 1200 GALLON SEPTIC TANK THAT WILL FEED 4-100'X 3' INNOVATIVE DRAINLINES. THE MAXIMUM TRENCH DEPTH IS 24". THE REPAIR IS LOCATED BELOW AND IS A PRESSURE MANIFOLD. *****THERE SHALL BE NO GRADING OR FILLING OF SOIL MATERIAL FROM BASEMENT CUT WITHIN THE INITIAL OR REPAIR SEPTIC AREAS*****. DOING SO WILL VOID THE PERMIT. PLEASE CALL WITH QUESTIONS, CHANGES, OR CONCERNS. TAH

TANK SIZE: 1200 gal. PUMP TANK: ____ gal. GREASE TRAP: ____ gal. SQ FT: 1200 STONE DEPTH: ____ in. MAX DEPTH LINE: 24 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: 12/05/2015 BY: (TAH) *Francis Howard* PHONE#: (919)-369-5974
(JP)

LEGEND

PO=PORCH
P=PAVING
SW=SIDEWALK
DW=CONC DRIVEWAY
EB=ELECTRIC BOX
SCQ=CLEANOUT
TP=TELEPHONE PEDESTAL
WM=WATER METER
AC=AIR CONDITIONING UNIT
BOC=BACK OF CURB
EOP=EDGE OF PAVEMENT

IMPERVIOUS AREA

HOUSE 2,876 SQ.FT.
CONC DRIVE 1,700 SQ.FT.
SIDEWALK 341 SQ.FT.
STAIRS 88 SQ.FT.

SETBACKS

FRONT 30'
SIDE 10'
REAR 30'

THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

SHAWN T. RUMBERGER, PLS L-4909 DATE

TOTAL ALLOW. 5,005 SQ.FT.
6,862 SQ.FT.

- IRON PIPE FOUND
- IRON PIPE SET
- NAIL SET

As Built

THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION. NO TITLE REPORT PROVIDED. I hereby grant permission to the County Representative the right of entry to make evaluations or inspections upon the property.

Kelly M. Hall
Signature of Owner or Authorized Agent

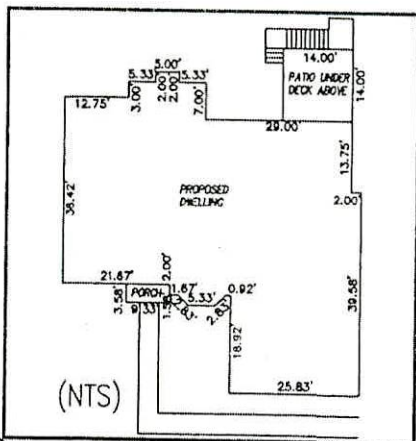
25' TREE & VEGETATION PROTECTION ZONE

PAT NORTH
04/2006 PG 1573

20' PUBLIC DRAINAGE EASEMENT

100' NEUSE RIVER RIPARIAN BUFFER MEASURED 50' TOP OF BANK.

PRELIMINARY HOUSE PLANS ADDED TO PP 7-15-16
FLIPPED HOUSE TO BE A RIGHT HAND GARAGE PER REQUEST 7-20-16
REVISION: MOVED HOUSE TO SIT 50' FROM PROPERTY LINE PER REQUEST 8-2-16
REVISION: MOVED HOUSE TO SIT 35' FROM PROPERTY LINE PER REQUEST 8-31-16
REVISION: FINAL HOUSE PLANS UPDATED/ADDED 11-30-16



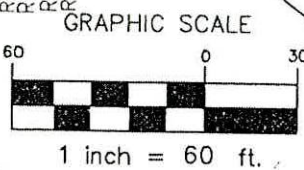
6
1.43 AC.

Comments:
Site 10
Front 30
Rear 30
Approve 30
Reverse 30
Reject 30
Zoning 230
Use 5
Date 2-2-10
By DCS

Each drain line is 100' X 3" EZ-Flow.

CASTELAINE CIRCLE
50' PUBLIC R/W

CURVE TABLE			
CURVE	LENGTH	RADIUS	BEARING
C1	56.78	335.00	S66°40'49"W



PRELIMINARY PLOT PLAN

REVISED
ATTN: TRAVIS
HOWARD

Pin#
0770128059
Permit#
0170383
0055683

PROJECT: 16-009 FRAGOSO
DRAWN BY: APS
SCALE: 1"=60'
DATE: 6-17-16

FOR
STANTON HOMES
3504 CASTELAINE CIRCLE
LOT 6 BROOKSHIRE MANOR SUBDIVISION
SWIFT CREEK TWP., WAKE CO., NC
B.M. 2006, PG. 1573

ECLS GLOBAL
U.S. VETERAN-OWNED
19 N MCKINLEY ST
COATS, NC 27521
910.897.3257 ECLSINC.COM 910.897.2329 (FAX)

CA Part A

3
TH

LEGEND

PO=PORCH
P=PATIO
SW=SIDEWALK
DW=CONC DRIVEWAY
EB=ELECTRIC BOX
SCO=CLEANOUT
TP=TELEPHONE PEDESTAL
WM=WATER METER
AC=AIR CONDITIONING UNIT
BOC=BACK OF CURB
EOP=EDGE OF PAVEMENT

IMPERVIOUS AREA
HOUSE 4,200 SQ.FT.
CONC DRIVE 1,700 SQ.FT.
TOTAL 5,900 SQ.FT.
ALLOW. 6,862 SQ.FT.

BLANKS
FRONT 30'
SIDE 10'
REAR 30'

THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

SHAWN T. RUMBERGER, PLS L-4909 DATE

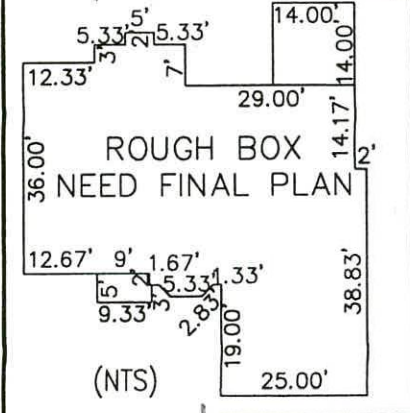
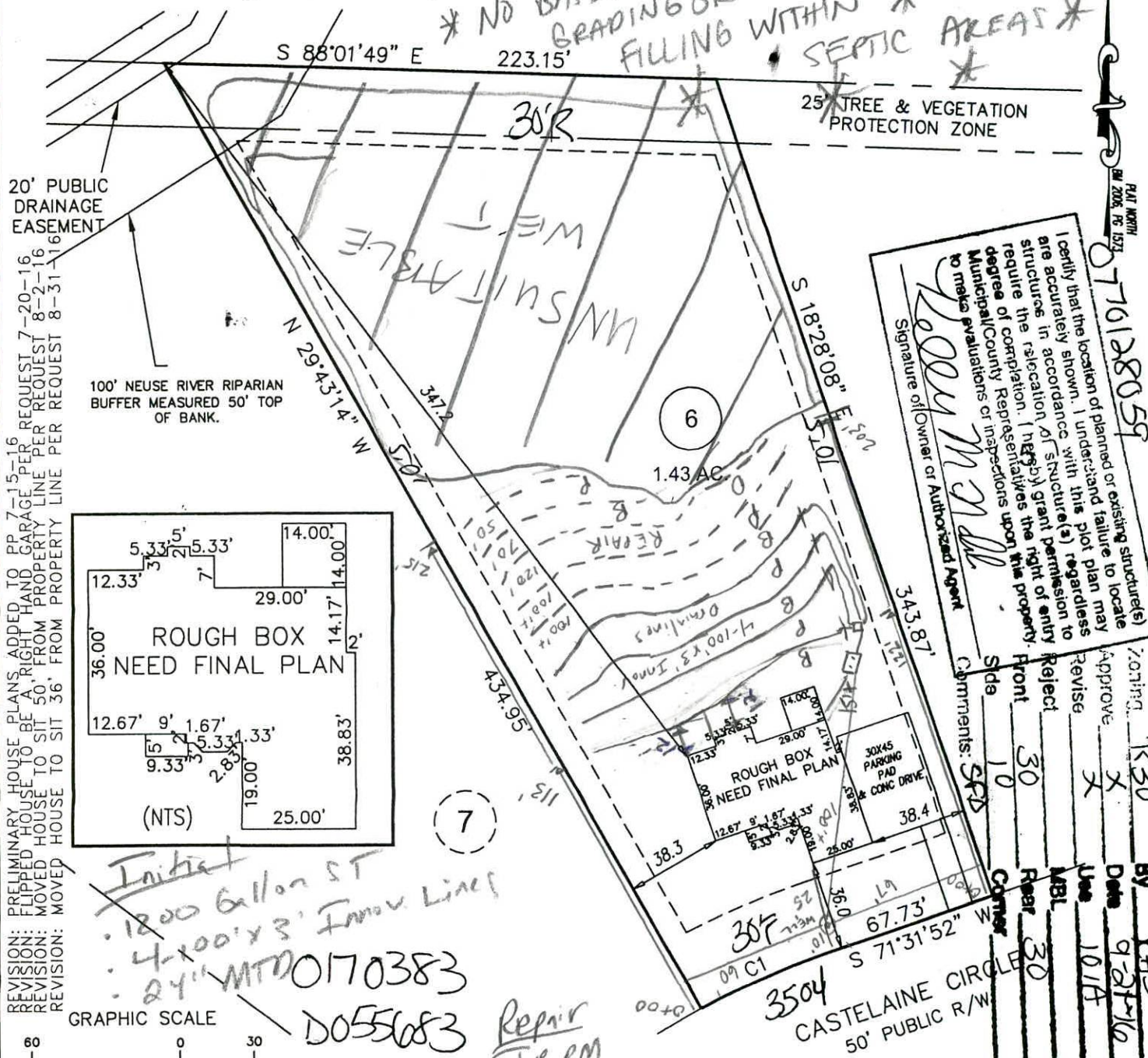
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CA Revised

* NO BASEMENT GRADING OR FILLING WITHIN *

* SEPTIC AREAS *

25' TREE & VEGETATION PROTECTION ZONE



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 require the relocation of structure(s) regardless of the degree of completion. I hereby grant permission to Municipal/County Representatives upon this property to make evaluations or inspections upon this property.

Signature of Owner or Authorized Agent

Comments: SPD

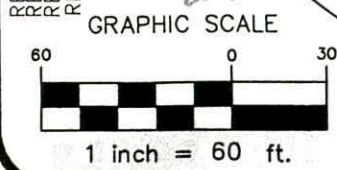
Side 10

Front 30

Rear 30

Corner 30

CURVE TABLE			
CURVE	LENGTH	RADIUS	BEARING
C1	56.78	335.00	S66°40'49"W



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DRAWN BY: APS

SCALE: 1"=60'

DATE: 6-17-16

FOR STANTON HOMES

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LOT 6 BROOKSHIRE MANOR SUBDIVISION

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