

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # D056956 **APPLICATION DATE:** 03/07/2017 **BLDG. PERMIT#:** 0172726
PIN: 0647337117 **RECORDED:** Yes
TOWNSHIP: 06 - Holly Springs **JURISDICTION:** Wake County **ZONING:** R-30
APPLICANT: CUMBERLAND HOMES
JOAN NORRIS
108 COMMERCE DR **BUSINESS PHONE:** (910) 892-4345
HOME PHONE:
MOBILE PHONE:
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**
SITE ADDRESS: 06712 STEPHERLY WAY
SUBDIVISION: WHITETAIL FARM **LOT:** 11 **ACRES:** 0.69
DIRECTIONS:

Systems defined as either type III-b, III-g 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 Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type 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 and/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/her 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.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: BROWN, TED D - 1041 - III

PROPRIETARY SYSTEM: 0.25 - 25% Reduction (Innovative **PRETREATMENT SYSTEM:**
or Accepted)

SYSTEM TYPE INSTALLED: III B

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Kristi Marks

ISSUED DATE: 07/13/2018

SEPTIC TANK: Mitchell Concrete - STB-814 -
1000 gallons

DATE OF MANUFACTURE: 12/01/2017 **FILTER:** Polylok - PL-68

GREASE TRAP:

DATE OF MANUFACTURE: **FILTER:**

DOSING PUMP TANK: Mitchell - PT-53 - 1000
gal - 20.2 gal/in

DATE OF MANUFACTURE: 01/17/2018 **FILTER:**

CC1: 7 **ETM1:** 11

CC2: **ETM2:**

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1: **ETM1:**

CC2: **ETM2:**

SEPTIC TANK ELEVATION:

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION:

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	60	4.8
24	12	60	5.2
24	12	60	5.2
24	12	60	5.11
24	12	60	6.4

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME:

SPECIFIC OPERATION REQUIREMENTS:

ISSUED BY:

Kristina Marks

DATE: 07/13/2018

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

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PERMIT#: D056956	STATUS: A	APP. DATE: 03/07/2017	BLDG. PERMIT#: 0172726
PIN: 0647 33 7117 000		TAX MAP: 0	RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 06 HOLLY SPRINGS		JURISDICTION: WC	ZONING: R30 SW DEVICE: R S#: S005537
APPLICANT: CUMBERLAND HOMES	(910) 892 - 4345		
108 COMMERCE DR	DUNN, NC 28235		
USE: HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE	EXIST USE:		
LTAR: 0.30 0.30	BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0		
SITE: ADDRESS: 6712 STEPHERLY WAY			
SUBDIVISION: WHITETAIL FARM	LOT: 11	ACRES: 0.69	EASEMENT: N LOC: SYS:
DIRECTION: 401S TO PINEY GROVE WILBON TO ADCOCK TO S/D			

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.

Operation Permit

DESIGN FLOW: 27.40 gal./min. ACTUAL FLOW: 25.25 DOSE VOLUME: 142 gal. INNOVATIVE LETTER:

INSTALLED BY: Ted Brown INSTALLATION APPROVED BY: Kristi Marks
PROPRIETARY SYSTEM: TYPE SYSTEM: III B

COMMENTS:

OPERATIONS PERMIT ISSUED? Y OP DATE: 7/13/18 BY: Kristi Marks

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: <u>5/22/18</u>	Benchmark: <u>#1 Line 1</u>	Rod reading: <u>4'8"</u>	Distance to Structure: <u>12'</u>
ST: <u>1000</u> gals	ID#: <u>STB 814</u>	D.O.M.: <u>12-1-17</u>	Elev.: _____
PT: <u>1000</u> gals	ID#: <u>PT 53</u>	D.O.M.: <u>1-17-18</u>	Elev.: _____
GT: _____ gals	ID#: _____	D.O.M.: _____	Elev.: _____
D-box/FD/ <u>152</u> elev.: _____	Supply Line: <u>141</u> ft.	Pump/Ctrl Panel: <u>Alderon Panel 1</u>	Filter: <u>red poly block</u>
Line 1: <u>4'8"</u>	<u>4'8 1/2"</u> Date: <u>5/22/18</u>	Line 6: _____	Date: _____
Line 2: <u>5'2"</u>	<u>5'2"</u> Date: _____	Line 7: _____	Date: _____
Line 3: <u>5'2 1/4"</u>	<u>5'2 1/2"</u> Date: _____	Line 8: _____	Date: _____
Line 4: <u>5'11"</u>	<u>5'11 1/2"</u> Date: _____	Line 9: _____	Date: _____
Line 5: <u>6'4"</u>	<u>6'4 1/4"</u> Date: _____	Line 10: _____	Date: _____
ETM1: <u>0000011</u>	CC1: <u>0000007</u>	ETM2: _____	CC2: _____
Notes:	OR: _____	AC: _____	WM: _____

5/22/18 - PF still needed KLM

7/13/18. Pump final completed KLM

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PERMIT#: D056956 STATUS: A APP. DATE: 03/07/2017 BLDG. PERMIT#: 0172726
PIN: 0647 33 7117 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 06 HOLLY SPRINGS JURISDICTION: WC ZONING: R30 SW DEVICE: R S#: S005537
APPLICANT: CUMBERLAND HOMES (910) 892 - 4345
108 COMMERCE DR DUNN, NC 28235
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: 0.30 0.30 BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: P
SITE: ADDRESS: 6712 STEPHERLY WAY
SUBDIVISION: WHITETAIL FARM LOT: 11 ACRES: 0.69 EASEMENT: N LOC: SYS:
DIRECTION: 401S TO PINEY GROVE WILBON TO ADCOCK TO S/D

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.

*Maximum depth of line is calculated using the downhill
*side of the trench and includes slope correction.

TANK SIZE: 1000 gal. PUMP Tank: 1000 gal. GREASE TRAP: gal. SQ FT: 900 ACCEPTED STATUS MAX DEPTH LINE: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III B PUMP: Y P/M: Y
DAILY FLOW: 360 gal/day WATER: COMMUNITY PRETREATMENT: NA

COMMENTS:

IP ISSUED? Y DATE: 04/28/2017 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. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

OTHER CONDITIONS: REFER & ADHERE TO ATTACHED APPROVED PLANS, SPECIFICATIONS & ALL REGULATORY SETBACKS. IF SYSTEM FLAGGING IS MISSING, BUILDER MUST HAVE DESIGNER REFLAG SYSTEM BEFORE CONTRACTOR STARTS THE INSTALLATION. SYSTEM & REPAIR AREAS MUST BE PROTECTED FROM GRADING & TRAFFIC BY "FENCING". A SIMPLEX CONTROL PANEL WITH 2 BREAKERS FOR THE SEPARATE POWER SUPPLIES, ELAPSED TIME METER & CYCLE COUNTER ARE REQUIRED. SEE THE CA SITE PLAN ALONG WITH THE APPROVED PLANS FOR FURTHER DETAILS. **REMOVE ALL TREES WHICH INTERFERE WITH DRAIN LINE INSTALLATION!!** ABSOLUTELY NO UNDER GROUND UTILITIES OF ANY TYPE MAY BE LOCATED IN EITHER THE SYSTEM OR REPAIR AREAS!

TANK SIZE: 1000 gal. PUMP TANK: 1000 gal. GREASE TRAP: gal. SQ FT: 900 ACCEPTED STATUS MAX DEPTH LINE: 24 in.
MAINT: N OPER: N L/O: Y TRENCH#: 5 LENGTH: 300 ft. WIDTH: 36 in. DESIGNER: AWT
SUBFIELDS: 1 DESIGN HEAD PRESSURE: 2 DESIGN FLOW: 27.40 gal/min DOSE VOLUME: 142 gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 08/29/2017 BY: (JFP) *Joe Perkins* PHONE#: (919)-856-7342

PRELIMINARY PLAT FOR: AS BUILT th ^m
CUMBERLAND HOMES, INC.

LOT # 11 WHITETAIL FARMS

BM 2007 PG. 0019

HOLLY SPRINGS TOWNSHIP WAKE COUNTY NORTH CAROLINA

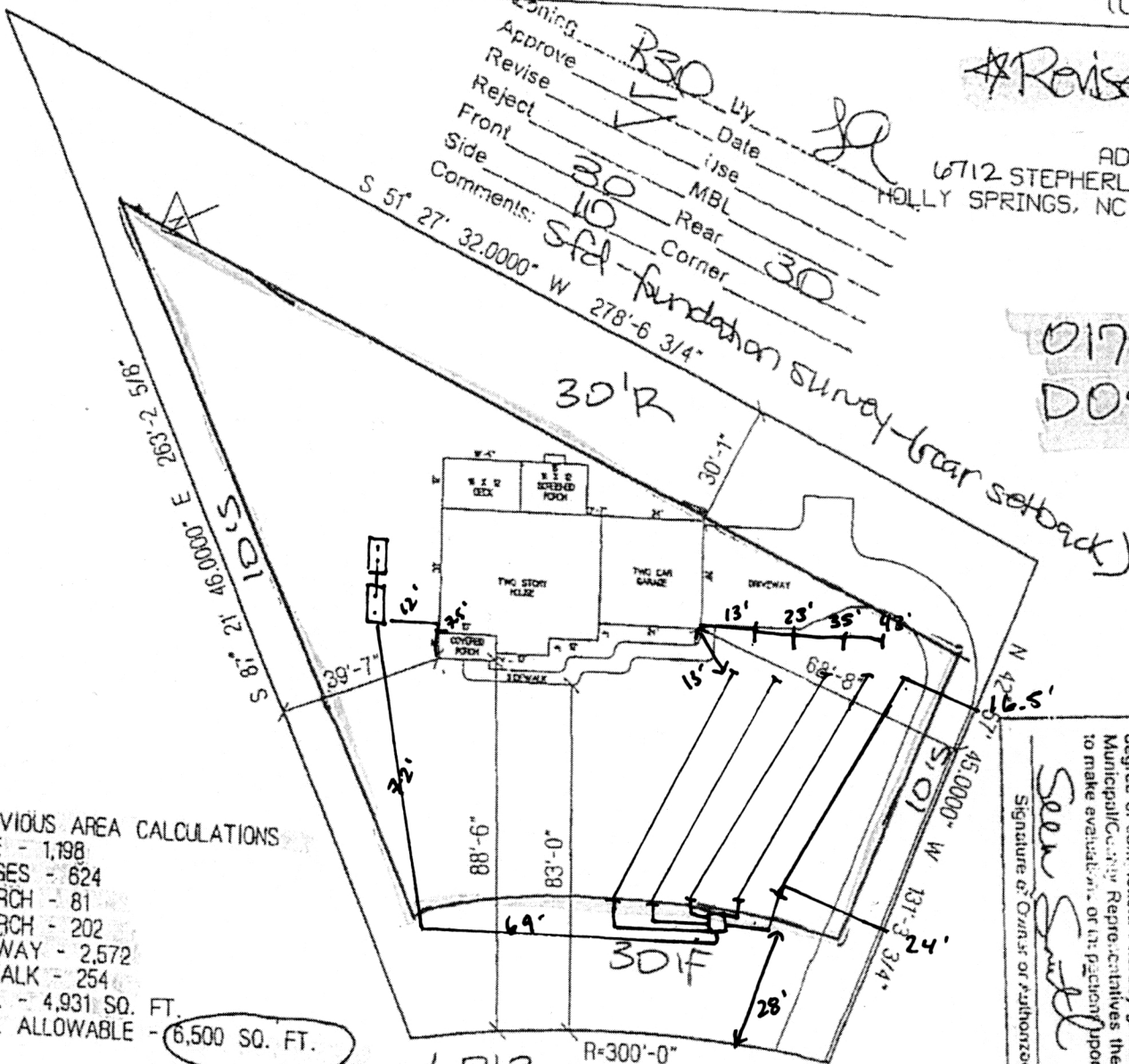
PIN # 0647337117

DEED BOOK # 12372 PAGE # 0671

SCALE: 1"=40'

PREPARED BY:

(OWNER)



Revised

ADDRESS:
 6712 STEPHERLY WAY
 HOLLY SPRINGS, NC 27540

0172724
 D056956

PERVIOUS AREA CALCULATIONS
 HOUSE - 1,198
 GARAGES - 624
 PORCH - 81
 PORCH - 202
 DRIVEWAY - 2,572
 SIDEWALK - 254
 TOTAL - 4,931 SQ. FT.
 TOTAL ALLOWABLE - 6,500 SQ. FT.

MISA

6712
 STEPHERLY WAY

FOUNDATION SURVEY REQUIRED

0647 33 7117
 I, the undersigned, being a duly qualified and licensed Surveyor for the State of North Carolina, do hereby certify that the foregoing is a true and correct copy of the original survey as the same appears in my records.
 Signature of: *Sean Smith*
 Official or Authorized Agent