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 # WRP-028487-2019 **APPLICATION DATE:** 11/07/2019 **BLDG. PERMIT#: RBPR-027298-2019**

PIN: 1851943111 **RECORDED:** Yes

TOWNSHIP: 19 - Wake Forest **JURISDICTION:** Wake County **ZONING:** R-80W

APPLICANT: Cady Construction Company, Inc
Cathrine Jones
847 Wake Forest Business PARK 101

BUSINESS PHONE: (919) 562-0000
HOME PHONE:
MOBILE PHONE: (919) 210-1149

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**

SITE ADDRESS: 5508 VIA LOMBARDIA PLZ

SUBDIVISION: Da Vinci **LOT:** 3 **ACRES:** 1.84

DIRECTIONS: Take Hwy 98 towards Bunn, turn left on Averette Road, take to end, turn right on Oak Grove Church Road, turn left into DaVinci, take first right, homesite on left.

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: BRANTLEY, CORY - 1036 - IV
PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**
SYSTEM TYPE INSTALLED: III B
OPERATION PERMIT: STATUS: Issued **ISSUED BY:** Andrew Thore **ISSUED DATE:** 07/10/2020

SEPTIC TANK: David Brantley & Sons - STB-323 - 1250 gallons **DATE OF MANUFACTURE:** 03/08/2020 **FILTER:** GAG SIM/TECH - STF-110
GREASE TRAP: **DATE OF MANUFACTURE:** **FILTER:**
DOSING PUMP TANK: Brantley - PT-2124 - 1312 gal - 21.5 gal/in **DATE OF MANUFACTURE:** 04/02/2020 **FILTER:**
CC1: 999,811 **ETM1:** 24 **CC2:** **ETM2:**
RECIRCULATION TANK: **DATE OF MANUFACTURE:**
CC1: **ETM1:** **CC2:** **ETM2:**

SEPTIC TANK ELEVATION: 4.80 **GREASE TRAP ELEVATION:** **DOSING PUMP TANK ELEVATION:** 5.10
RECIRCULATION TANK ELEVATION: **DISTRIBUTION DEVICE ELEVATION:** 4

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	75	7.3
24	12	75	6.9
24	12	75	6.5
24	12	70	6.3
24	12	70	6
24	12	70	5.6

ACTUAL PRESSURE HEAD: 2 **ACTUAL FLOW RATE:** 30 **ACTUAL DOSE VOLUME:** 190

SPECIFIC OPERATION REQUIREMENTS:
- System designed for 4 bedroom home, having 480. gallons per day.
- Site servided by private well water.
- Pump used is an Ashland 30.

ISSUED BY: Andrew Thore **DATE:** 07/10/2020

Book of maps 2019 Vol. ___ Page 672 Book ___ Page ___ County WAKE

Block ___ Lot 3 Subdivision DA VINCI

EIP=Existing Iron Pipe NIP=New Iron Pipe

SCALE 1"=100'

0' 100' 200'

I, Jackie Ray Thomason, PLS, certify
That the survey is of an existing parcel or parcels of land: and that this plat was drawn under my supervision from an actual survey made under my supervision deed description recorded in Book _____ Page _____; that the boundaries not surveyed are clearly indicated as drawn from information found in Book _____ Page _____; that the ratio of precision as calculated is 1: 10,000+; Witness my original signature, registration number and seal this _____ day of _____,A.D., 20_____.

Jackie Ray Thomason, PLS, L-3076

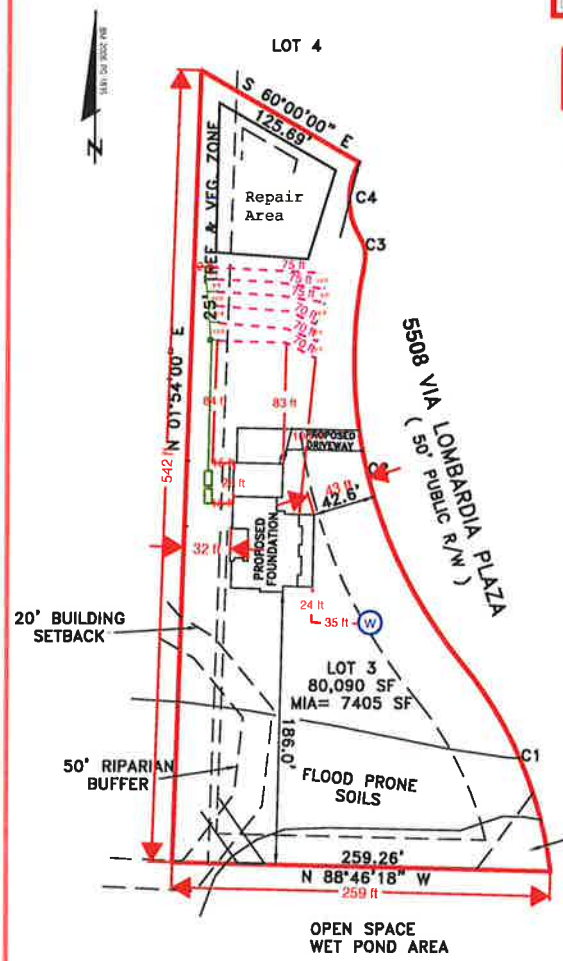
VICINITY MAP NOT TO SCALE

SITE PLAN APPROVED BY WAKE COUNTY N.C. P.D.I.
Jennifer Vega
10/21/2019 11:48:13 AM

WAKE COUNTY N.C. P.D.I.
FOUNDATION SURVEY REQUIRED

RBPR 027298-2019

MAP NOT FOR RECORDATION, SALES OR CONVEYANCES

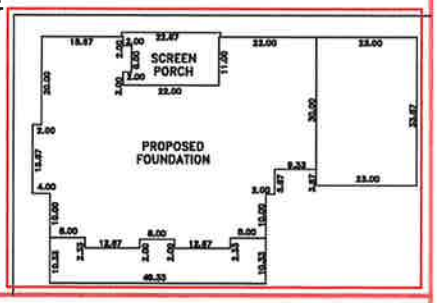


Required Setbacks	
Front	40
Side	20
Rear	30
Corner	40

PROPOSED IMPERVIOUS AREAS
HOUSE – 4014 SF
DRIVEWAY – 1516 SF
TOTAL – 5530 SF
MIA= 7405

CURVES

Id	Radius	Arc Length	Chord	Ch Bear
C1	275.00'	156.56'	154.45'	S 23°13'34" E
C2	325.00'	290.95'	281.33'	S 13°53'19" E
C3	25.00'	18.95'	18.50'	S 09°57'30" E
C4	50.00'	53.82'	51.26'	S 00°50'14" E



Drawn By JRT Surveyed By ___ Date 09-24-19 Dwg.# PO11512

PROPERTY OF:
CADY CONSTRUCTION CO., INC
5508 VIA LOMBARDIA PLAZA
WAKE FOREST, NC 27587

JACK R. THOMASON, PLS
4969 US HWY 401 SOUTH
YOUNGSVILLE, NC 27596
PHONE: 919-556-3307