



IMPROVEMENT PERMIT (IP)

New

Expansion

Repair

System Relocation

Change of Use

Owner: _____

Applicant: _____

Property Location: _____

PIN/Lot Identifier: _____

Subdivision: _____

Lot #: _____ Block: _____ Section: _____

Facility Type: _____ Number of bedrooms: _____ Number of Occupants: _____ Other: _____

Design Daily Flow: _____ GPD LTAR (Initial): _____ gpd/ft² LTAR (Repair): _____ gpd/ft²

Wastewater System Type: _____ (Initial)

Pump Required: Yes No May be required Usable Depth to Limiting Condition (Initial): _____

Wastewater System Type: _____ (Repair)

Pump Required: Yes No May be required Usable Depth to Limiting Condition (Repair): _____

Effluent Standard: DSE HSE Other: _____ Type of Water Supply: Private well Municipal Supply Other: _____

Permit conditions:

The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This permit is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of 15A NCAC 18E and to the conditions of this permit.

Authorized Agent's Printed Name: Ren Levocz Date: 11/17/2025

Authorized Agent's Signature: _____ Expiration Date: _____

CONSTRUCTION AUTHORIZATION (CA)

New

Expansion

Repair

System Relocation

Change of Use

Owner: MCMURRAY WILLIAM & MCMURRAY STACY MARIE

Applicant: MCMURRAY WILLIAM & MCMURRAY STACY MARIE

Property Location: 362 ADAMS POINTE CT ANGIER, NC 27501

PIN/Lot Identifier: 0663-51-9937.000

Subdivision: HONEYCUTT HILLS

Lot #: 31 Block: _____ Section: _____

Facility Type: Ex. SFD Number of bedrooms: 4 Number of Occupants: 8 Other: _____

Design Daily Flow: 480 GPD LTAR: Ex. gpd/ft²

Effluent Standard: DSE HSE Other: _____ Type of Water Supply: Private well Municipal Supply Other: _____

Installation Requirements/Conditions

Wastewater System Type: Ex. 25% Reduction System Type III (b) EZ-Flow

Pump Required: Yes No May be required

Septic Tank Size: Ex. 1,000 gallons Total Trench Length: Ex. 350' feet

Trench Spacing: 9' feet on center

Pump Tank Size: Ex. 1,000 gallons Maximum Trench Depth: 21" inches

Soil Cover: 6" inches

Trench Width: 36" inches

Distribution Method: Serial D-Box or Parallel Pressure Manifold Other: Update with Manifold

Artificial Drainage Required: Yes No If yes, please specify details: _____

Management Entity Required: Yes No Minimum O&M Requirements: _____

Permit conditions:

Must Follow Design Provided by Consultant. Must Add a Manifold with 4 Taps. Must Disconnect the Step-Down on Line L5 & L6 as Shown. Must Replace the Pump Panel Box with a Aquaworx box for a time dosed system.

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.

Authorized Agent's Printed Name: Ren Levocz Date: 11/17/25

Authorized Agent's Signature: Ren Levocz Expiration Date: 11/17/2030

Owner/Legal Representative Signature: _____ Date: _____

***See attached site sketch**

Harnett County Environmental Health

SITE SKETCH

PIN 0663-51-9937.000

Permit Number EH2510-0007

MCMURRAY WILLIAM & MCMURRAY STACY MARIE

Applicant's Name

Ren Levocz

Authorized State Agent

HONEYCUTT HILLS Lot 31

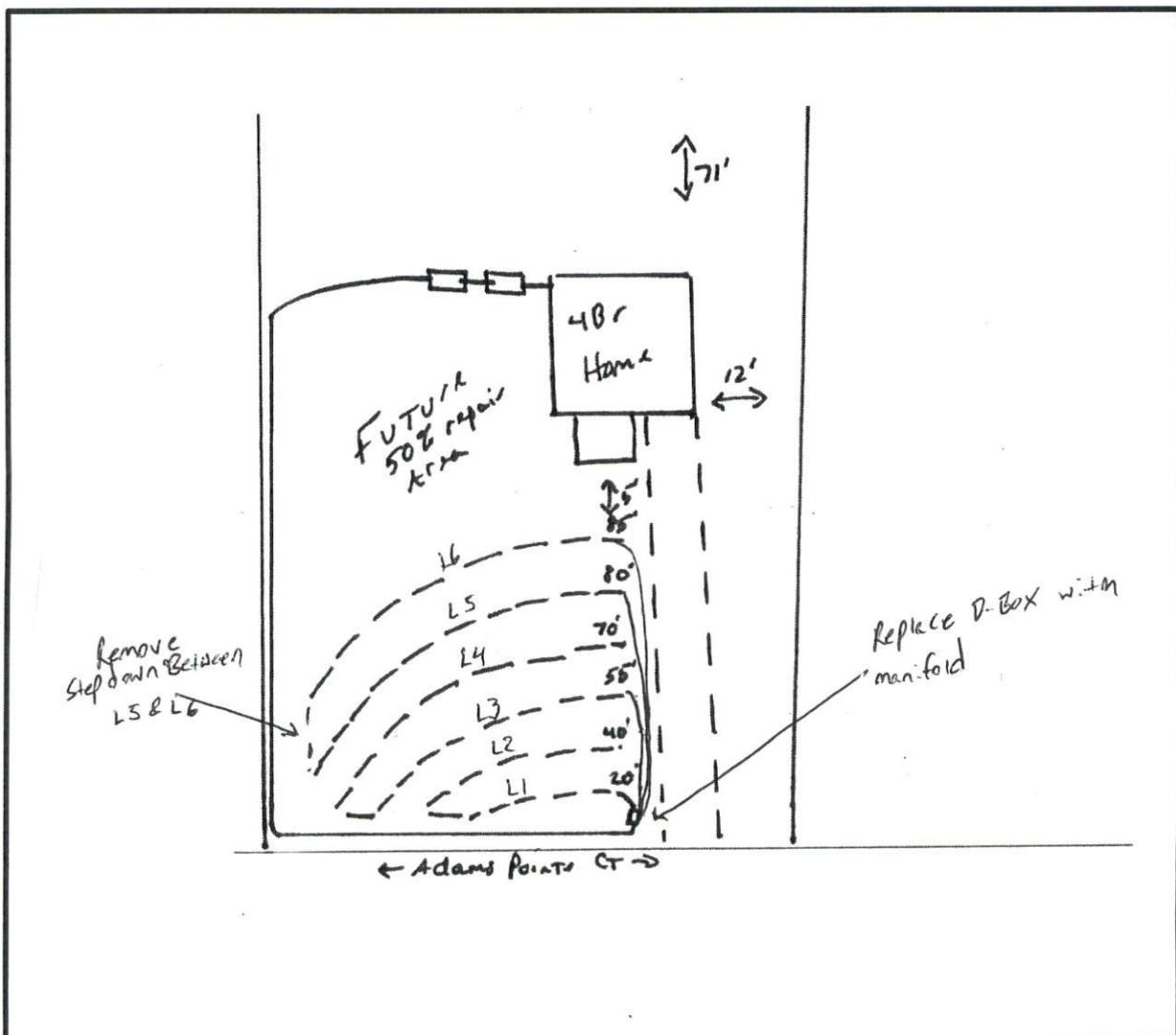
Subdivision/Section/Lot Number

11/17/2025

Date

System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

Scale = NTS





Central Carolina Soil Consulting, PLLC

1900 South Main Street, Suite 110

Wake Forest, NC 27587

919-569-6704

September 18, 2025

October 29, 2025

Job # 3806

DRB Group
Christian St. James
1101 Slater Road
Suite 300
Durham, NC 27703

RE: Site meeting at lot 31, Honeycutt Hills SD, Harnett County, NC.

Dear Mr. James:

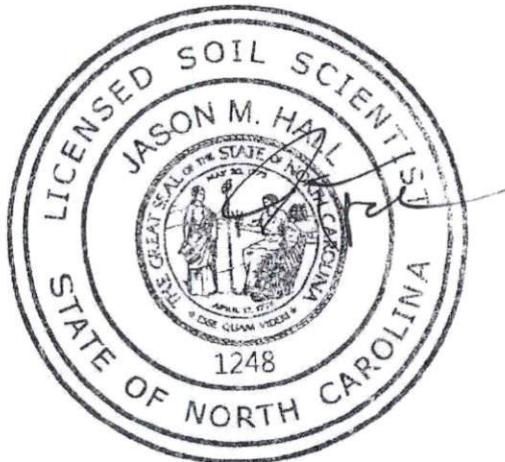
Central Carolina Soil Consulting, PLLC met with you and others from DRB Group at lot 31 in Honeycutt Hills SD due to previous effluent surfacing on the lot. Per the Construction Authorization completed by the Harnett County HD, the lot has a daily flow rate of 480 gal/day (4-bedroom) with a horizontal panel block drainfield. The system is pressure dosed with serial distribution (using drop boxes per paperwork provided). No effluent was surfacing on the date of the site meeting (8-19-25), although areas in the front yard showed evidence of previous effluent surfacing.

Central Carolina Soil recommends to install a manifold box with taps (see tap chart) to feed some of the lines individually to better disperse the effluent (with the exception of lines 1-2 (20' & 40') & 3-4 (55' & 70') keep those step-downs). Additionally, the current control panel shall be replaced with an Aquaworx control panel to control the dosing of the system. The flow shall be split between 4 cycles per day (every 4 hours) away from a larger demand dose system. Water records need to be taken on the lot to ensure the system is not being over loaded based on the daily flow rate.

These proposed changes to the wastewater system need to be reviewed and have a permit issued by the Harnett County HD before installation. The recommended changes do not guarantee a fix to wastewater system, rather best professional judgement by CCSC. No soils work was completed on lot 31 on 8-19-25.

If you have any questions regarding the findings on the attached map or in this report, please feel free contact me at anytime. Thank you allowing Central Carolina Soil Consulting to perform this site evaluation for you.

Sincerely,



Jason Hall
NC Licensed Soil Scientist #1248
AOWE # 10004

Encl: tap chart, County Permit

Honeycutt Hills lot 31
System Tap Chart

Bench Mark		is = 100.00 Location of BM						Elevation Head	10.90
Pump tank elev.		6	94.00	Pump elev.	89.00	Manifold elev.			99.90
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1 & 2		1.10	98.90	60	1/2in SCH 80	5.48	88.27	180	0.4904
3&4			100.00	125	3/4in SCH 80	10.1	162.68	375	0.4338
5			100.00	80	1/2in SCH 40	7.11	114.52	240	0.4772
6			100.00	85	1/2in SCH 40	7.11	114.52	255	0.4491
		total	feet =	350		gal/min =	29.8	<u>LTAR =</u>	0.3500
								<u>LTAR + %5</u>	0.3675
% of Dose Vol.		75		<u>Des. Flow</u>	480			(Itar W/ INOV)	0.4667
Dose Volume		170.63		Pump Run=	16.11			(Itar W/ INOV + 5%)	0.4900
Dose Pump Time		5.73		Tank Gal/IN	21				
Drawdown in Inches		8.13							

Keep existing step-down between lines 1-2 and lines 3&4.