

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: KB Homes Carolinas PROPERTY LOCATION: 76 Rawls Farm Ln. (Christian Light Rd. - S
 SUBDIVISION Mason Pointe PH2 LOT # 10
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 50x42 Crawl finished bonus
 Proposed Wastewater System Type: 25% Reduction Sys.
 Projected Daily Flow: 360 GPD
 Number of bedrooms: 3 Number of Occupants: 6 max
 Basement Yes No
 Pump Required: Yes No May be required based on final location and elevations of facilities
 Type of Water Supply: Community Public Well Distance from well NA feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 08/06/2020 SEE ATTACHED SITE SKETCH
 The issuance of this permit by the Health Department 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 site 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 the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: KB Homes Carolinas PROPERTY LOCATION: 76 Rawls Farm Ln. (Christian Light Rd. -
 SUBDIVISION Mason Pointe PH2 LOT # 10
 Facility Type: 50x42 Crawl Finished Bor New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable)

Pump to 25% Reduction Sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>3</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>80</u> feet	Soil Cover: <u>12</u> inches
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed
	Maximum Trench Depth of: <u>24</u> inches	36" above the trench bottom)
	(Trench bottoms shall be level to +/-1/4"	
	in all directions)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: <u>NA</u> inches below pipe
		<u>NA</u> inches above pipe
Conditions: <u>Pump may be required; Proposal by Central Carolina Soil</u>		<u>NA</u> inches total

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.
 Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature] Date: 08/06/2020
ANDREW CURRY Construction Authorization Expiration Date: 08/06/2025

Harnett County Department of Public Health Site Sketch

Property Location: 76 Rawls Farm Ln. (Christian Light Rd. - SR 1412)

Issued To: KB Homes Carolinas Subdivision Mason Pointe PH2 Lot # 10

Authorized State Agent: *[Signature]* Date: 02/05/2020
ANDREW CURRIN

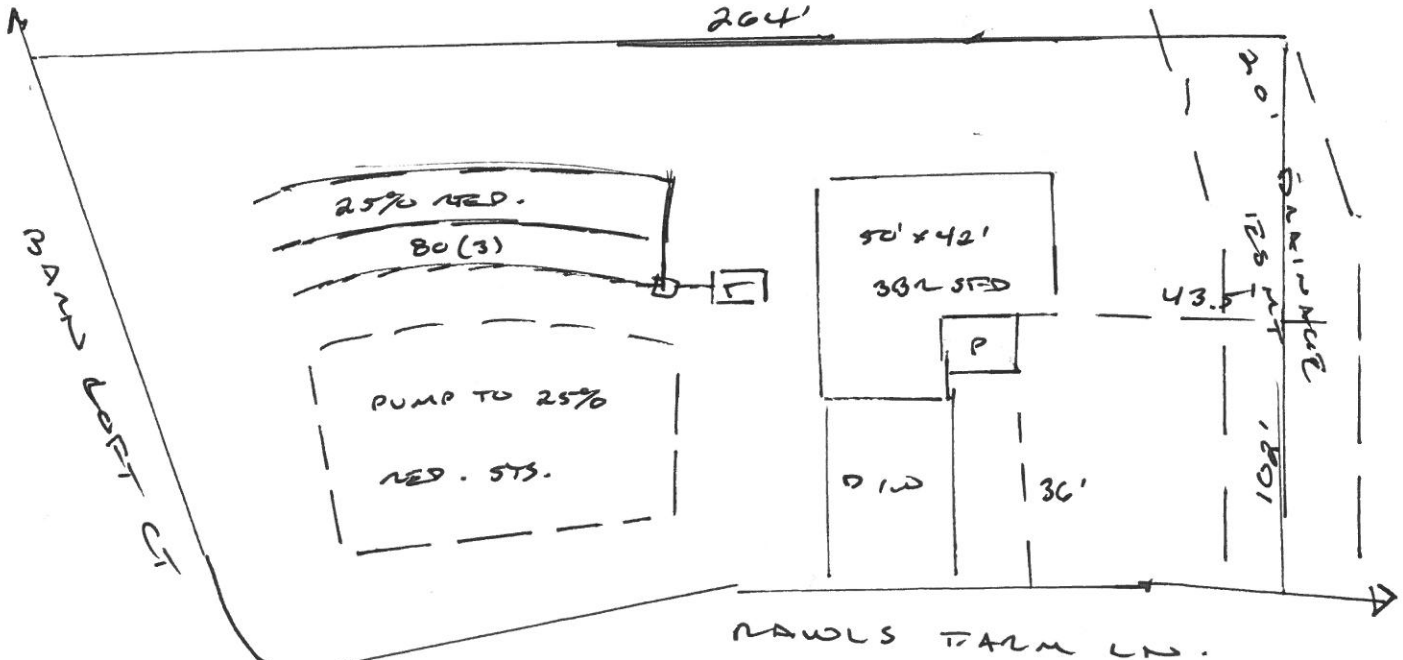
* PROPOSAL BY CENTRAL CAROLINA SOIL

* GRAVITY TO D-BOX

* PUMP SYS. MAY BE
REQUIRED - REVIEW
AND MEET ON SITE
MAY BE REQUIRED

PUBLIC DRAINAGE
ESMT

* PRESSURE MANIFOLD SPECS
ATTACHED FOR REPAIR
OR IF PUMP REQUIRED



This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

Mason Point, Lot 10 System Tap Chart

Bench Mark	is = 100.00	Location of BM		Elevation Head	-94.00
Pump tank elev.	100.00	Pump elev.	95.00	Manifold elev.	1.00
line	color	rod read	Elevation	length	hole size
					flow/tap
					gal/day
					trench area
					LINE LTAR

	total	feet =	0	gal/min =	0	LTAR =	0.3000
						LTAR + %5	0.3150
% of Dose Vol.	75	Des. Flow	480			(ltar W/ INOV)	0.4000
Dose Volume	0.00	Pump Run=	#DIV/0!			(ltar W/ INOV + 5%)	0.4200
Dose Pump Time	#DIV/0!	Tank Gal/IN	19.65				
Drawdown in Inches	0.00						

Mason Point, Lot 10 Repair Tap Chart

Bench Mark	is = 100.00	Location of BM		Elevation Head	3.60
Pump tank elev.	100.00	Pump elev.	95.00	Manifold elev.	98.60
line	color	rod read	Elevation	length	hole size
					flow/tap
					gal/day
					trench area
					LINE LTAR

	total	feet =	355	gal/min =	47.69	LTAR =	0.4000
						LTAR + %5	0.4200
% of Dose Vol.	75	Des. Flow	480			(ltar W/ INOV)	0.5333
Dose Volume	173.06	Pump Run=	10.07			(ltar W/ INOV + 5%)	0.5600
Dose Pump Time	3.63	Tank Gal/IN	19.65				
Drawdown in Inches	8.81						