

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521412

ISSUED TO: KB Homes Carolinas PROPERTY LOCATION: 60 Rolling Field Dr. (Christen Ct. Rd.)
 SUBDIVISION: Mason Pointe LOT # 21

NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 50'x50' SPD
 Proposed Wastewater System Type: 25% reduction
 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 conditions: _____ Permit valid for: Five years No expiration

Authorized State Agent: [Signature] Date: 08/01/2019 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.

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ISSUED TO: KB Homes Carolinas PROPERTY LOCATION: 60 Rolling Field Dr. (Christen Ct. Rd.)
 SUBDIVISION: Mason Pointe LOT # 21

Facility Type: 3BR 50'x50' SPD 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 50% reduction sys. (Repair))

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>1</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>225</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
		<u>NA</u> inches total

Conditions: _____

**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: 08/01/2019
ANDREW CURRIN Construction Authorization Expiration Date: 08/01/2024

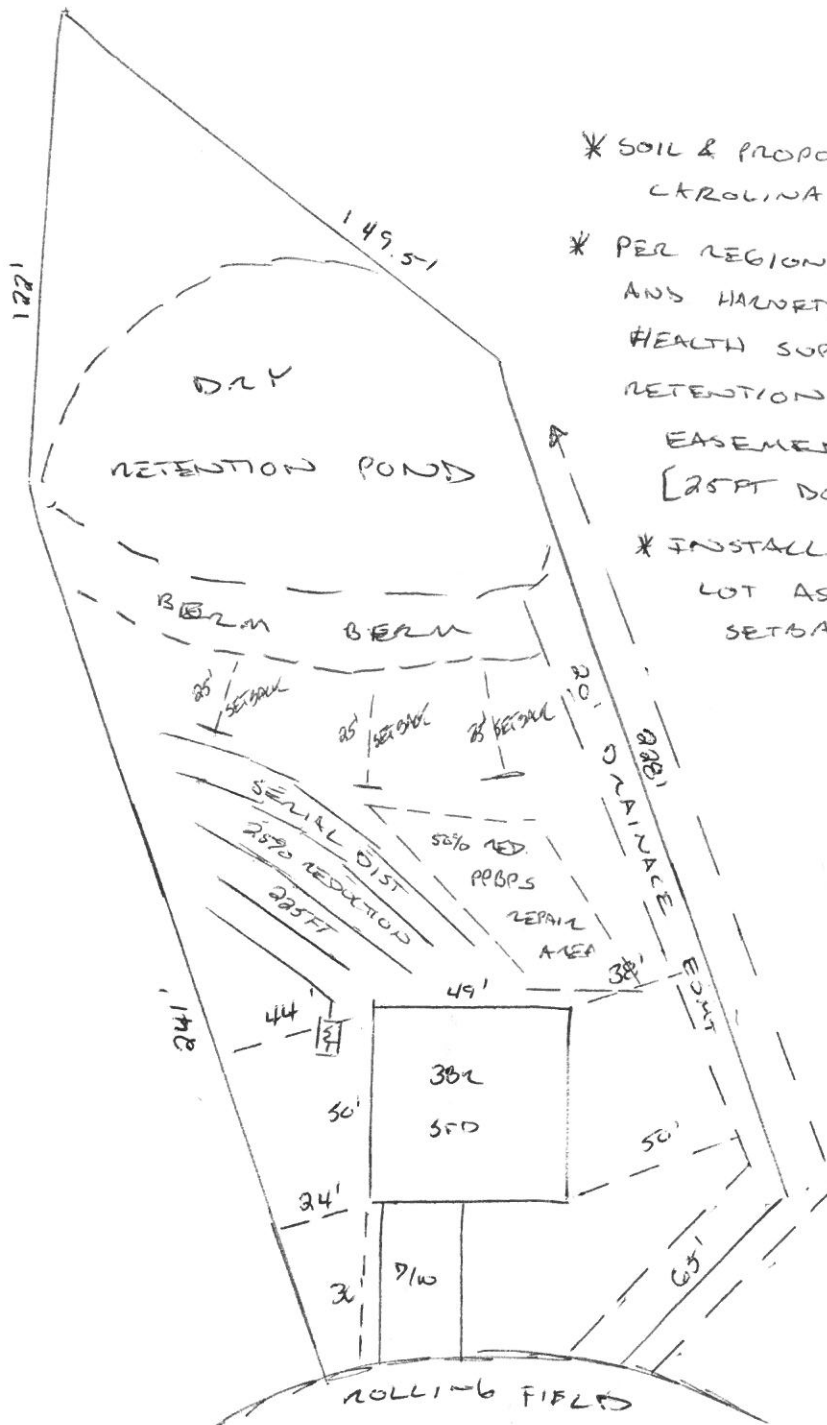
HTE# SD1905-0019

Permit # NA

Harnett County Department of Public Health Site Sketch

ISSUED TO: KO HOMES Carolinas PROPERTY LOCATION: 5214~~68~~ Rolling Field Dr. (Christian Ct. Rd.)
SUBDIVISION: Christ Mason Pointe LOT # 21

Authorized State Agent: *Andrew Curran* Date: 08/01/2019
ANDREW CURRAN

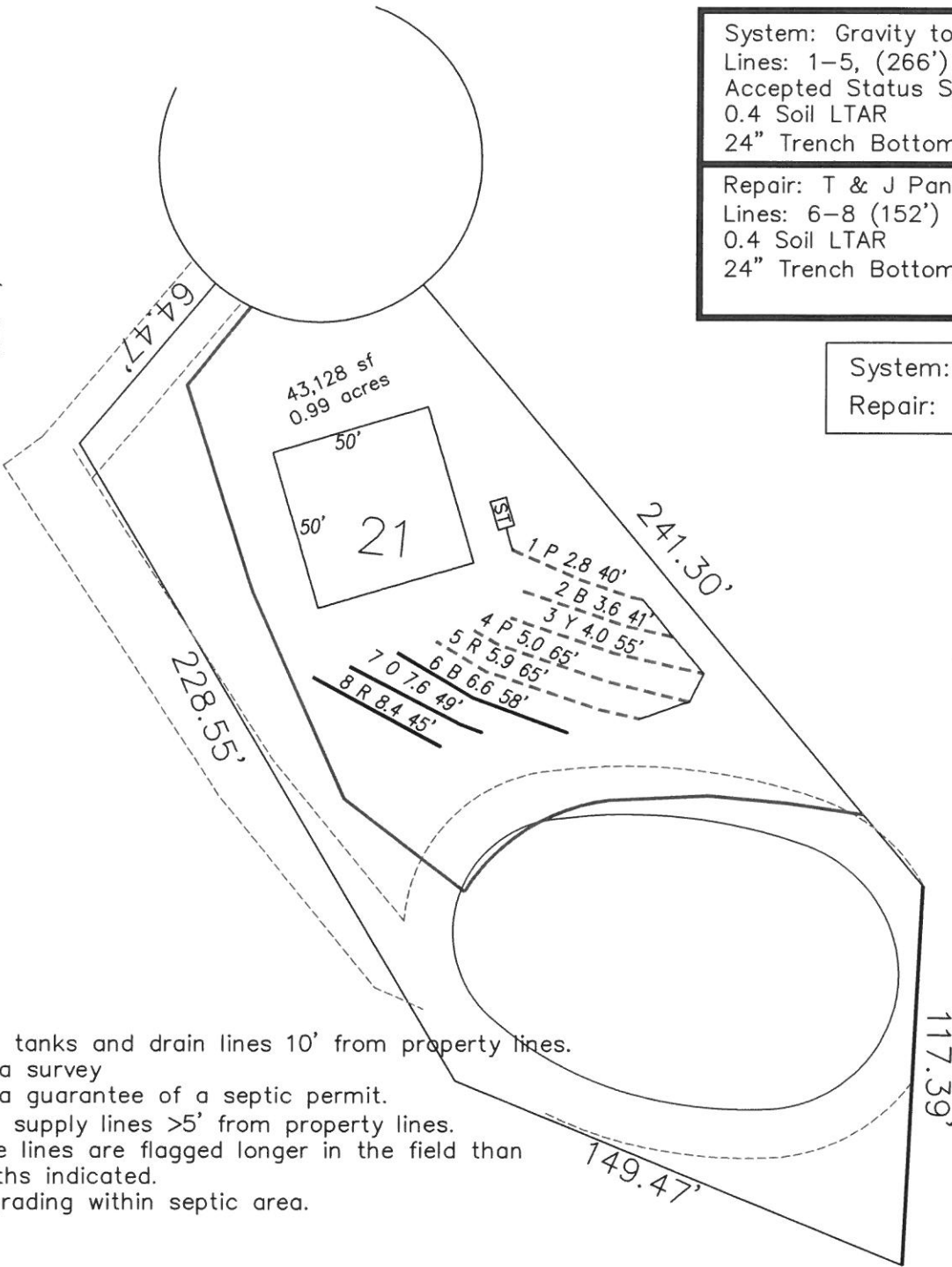


- * SOIL & PROPOSAL BY CENTRAL CAROLINA SOIL CONSULTING, PLLC
- * PER REGIONAL SOIL SCIENTIST AND HARNETT COUNTY ENVIRONMENTAL HEALTH SUPERVISOR TREAT DRY RETENTION POND AS DRAINAGE EASEMENT [25FT DOWNHILL SETBACK]
- * INSTALL SYS. AS HIGH UP LOT AS CONTOUR AND SETBACKS ALLOW

System: Gravity to Serial Dist.
 Lines: 1-5, (266')
 Accepted Status System
 0.4 Soil LTAR
 24" Trench Bottom

Repair: T & J Panel
 Lines: 6-8 (152')
 0.4 Soil LTAR
 24" Trench Bottom

System: - - - - -
 Repair: ————



- *Keep tanks and drain lines 10' from property lines.
- *Not a survey
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicated.
- *No grading within septic area.

GRAPHIC SCALE
 1" = 50'



Central Carolina Soil Consulting, PLLC
 1900 South Main Street, Suite 110
 Wake Forest, North Carolina 27587
 Phone (919)569-6704 Fax (919)569-6703

3-Bedroom Septic Layout
 Lot 21, Mason Point Subdivision
 Harnett County, North Carolina

Job# : 2031
Drawn By : AH
Date : 4/16/2019
Revision: 07/30/2019

Mason Pointe Lot 21

Bench Mark		is = 100.00 Location of BM EIP		Elevation Head		5.40			
Pump tank elev.		100.00	Pump elev.	94.60	Manifold elev.		96.70		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
3	Red	4.30	95.70	85	1/2in SCH 40	7.11	105.25	255	0.4127
4	Pink	5.40	94.60	105	3/4in SCH 80	10.1	149.51	315	0.4746
5	Blue	6.20	93.80	90	1/2in SCH 40	7.11	105.25	270	0.3898

total	feet =	280	gal/min =	24.32	LTAR =	0.4000
					LTAR + %5	0.4200
			Des. Flow	360	(ltar W/ INOV)	0.5333
			Pump Run=	14.80	(ltar W/ INOV + 5%	0.5600
			Tank Gal/IN	19.65		

**Mason Pointe Lot 21
Repair**

Bench Mark		is = 100.00 Location of BM EIP		Elevation Head		2.9			
Pump tank elev.		100	Pump elev.	95	Manifold elev.		97.9		
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Yellow	3.10	96.90	45	1/2in SCH 80	5.48	73.58	135	0.5451
2	Blue	4.10	95.90	58	1/2in SCH 40	7.11	95.47	174	0.5487
6	Yellow	7.00	93.00	70	1/2in SCH 40	7.11	95.47	210	0.4546
7	Purple	8.00	92.00	70	1/2in SCH 40	7.11	95.47	210	0.4546

total	feet =	243	gal/min =	26.81	LTAR =	0.4000
					LTAR + %5	0.42
			Des. Flow	360	(ltar W/ INOV)	0.5333
			Pump Run=	13.43	(ltar W/ INOV + 5%	0.5600
			Tank Gal/IN	19.65		