

Harnett County Department of Public Health Improvement Permit

521412

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Bateman Civil Survey
KB Homes Carolinas

PROPERTY LOCATION: 120 Allwood Dr. (Christian Ct. rd.)
SUBDIVISION: Mason Pointe PH 2 LOT # 8

NEW REPAIR EXPANSION

Type of Structure: 3-Bedroom 50'x70' SFD
Proposed Wastewater System Type: 25% Reduction Sys.
Projected Daily Flow: 366 GPD

Number of bedrooms: 3 Number of Occupants: C 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 No expiration

Permit conditions: _____

Authorized State Agent: [Signature] Date: 03/24/2020 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.

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PROPERTY LOCATION: 120 Allwood Dr. (Christian Ct. rd.)
SUBDIVISION: Mason Pointe PH 2 LOT # 8

Facility Type: 332 50'x70' SFD 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 25% Reduction Sys. (Repair))

Installation Requirements/Conditions

Septic Tank Size <u>1660</u> gallons	Number of trenches <u>3</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size <u>1000</u> gallons	Exact length of each trench <u>100</u> feet	Soil Cover: <u>6</u> inches [Import]
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed 36" above the trench bottom)
	Maximum Trench Depth of: <u>12</u> inches	
	(Trench bottoms shall be level to +/-1/4" in all directions)	

Pump Requirements: _____ ft. TDH vs. _____ GPM

Aggregate Depth: NA inches below pipe
NA inches above pipe
NA inches total

Conditions: Import soil cover (6IN) Required

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: 03/24/2020
ANDREW COLLIN Construction Authorization Expiration Date: 03/24/2025

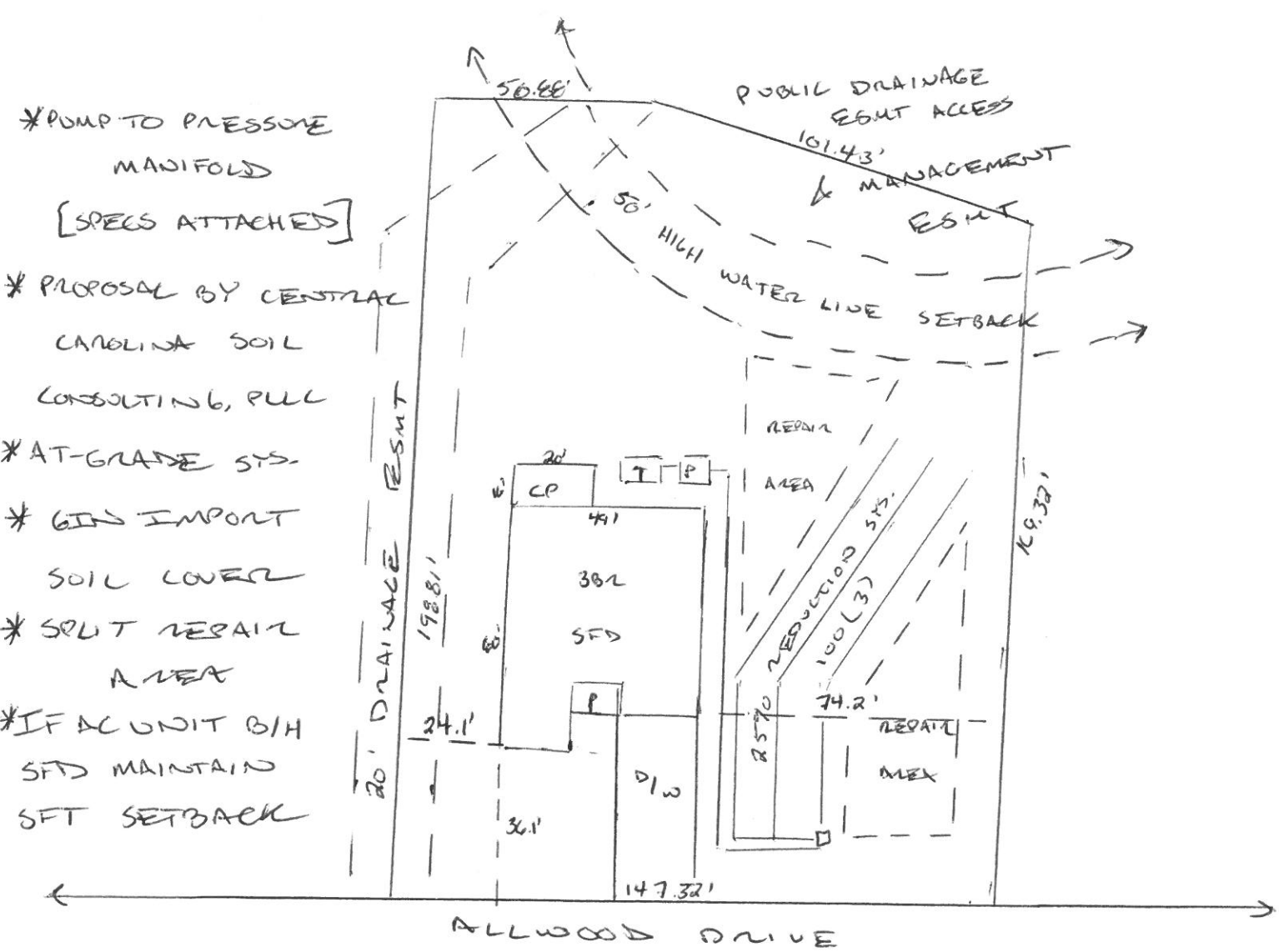
Application # SFD1916-0029

Harnett County Department of Public Health Site Sketch

Property Location: 120 Allwood Dr. (Christian Light Rd. -521412)

Issued To: KB Homes Carolinas Subdivision Mason Pointe PH 2 Lot # 8
Bakerman Civil Survey

Authorized State Agent: [Signature] Date: 03/24/2020



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

Mason Point Lot 8

Bench Mark		is = 100.00 Location of BM EIP				Elevation Head			5.40
Pump tank elev.		6	94.00	Pump elev.	88.60	Manifold elev.			96.90
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Pink	4.10	95.90	100	3/4in SCH 80	10.1	120.00	300	0.4000
6	Red	4.50	95.50	100	3/4in SCH 80	10.1	120.00	300	0.4000
7	Blue	4.70	95.30	100	3/4in SCH 80	10.1	120.00	300	0.4000

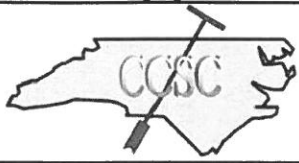
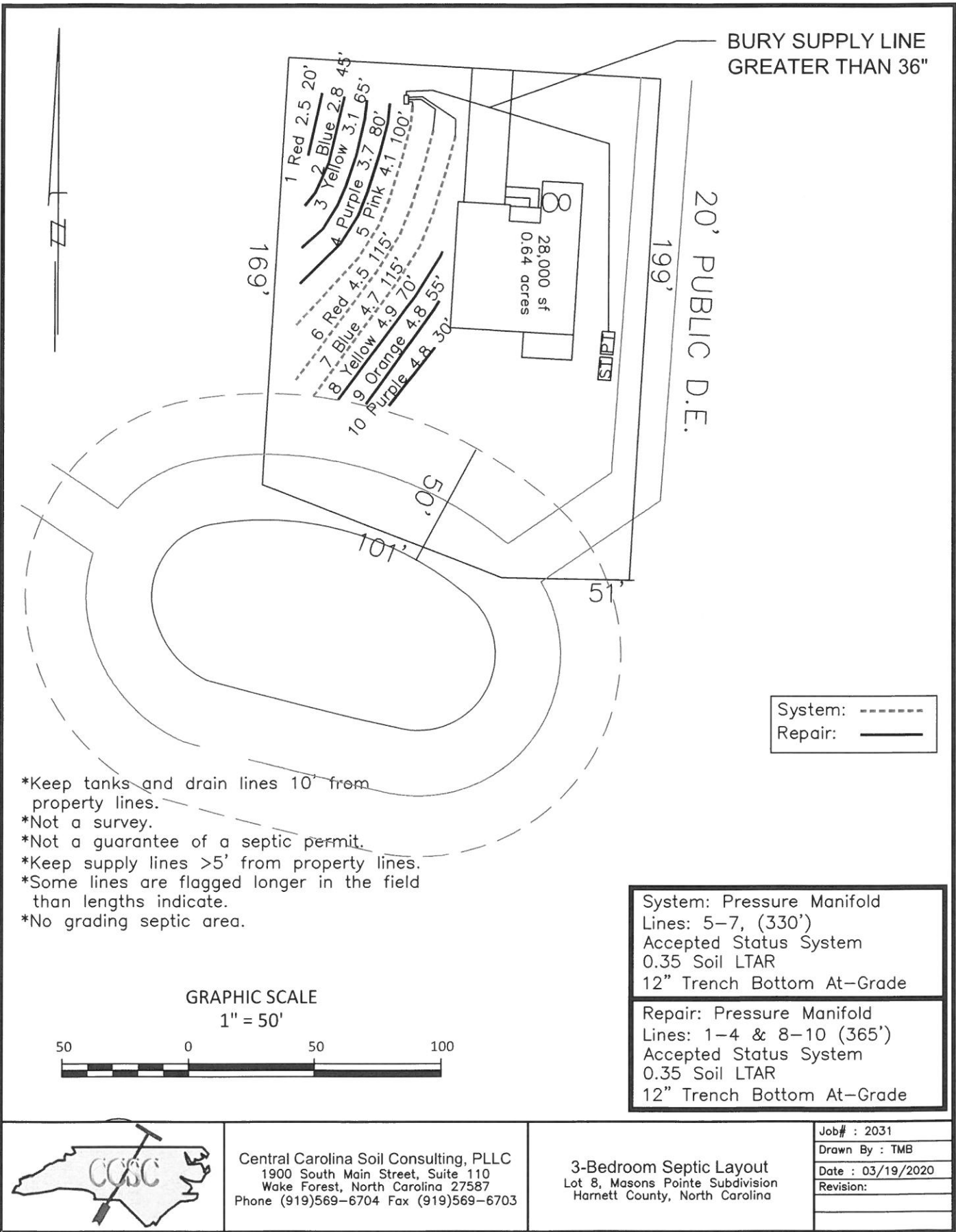
total	feet =	300	gal/min =	30.3	LTAR =	0.3500
					LTAR + %5	0.3675
		Des. Flow	360		(ltar W/ INOV)	0.4667
		Pump Run=	11.88		(ltar W/ INOV + 5%	0.4900
		Tank Gal/IN	19.65			

Mason Point Lot 8

Repair

Bench Mark		is = 100.00 Location of BM EIP				Elevation Head			8.3
Pump tank elev.		6	94	Pump elev.	89	Manifold elev.			97.3
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
3	Yellow	3.70	96.30	65	1/2in SCH 80	5.48	78.35	195	0.4018
4	Purple	4.10	95.90	80	1/2in SCH 40	7.11	101.65	240	0.4236
8	Yellow	4.90	95.10	70	1/2in SCH 40	7.11	101.65	210	0.4841
9	Orange	4.80	95.20	55	1/2in SCH 80	5.48	78.35	165	0.4748

total	feet =	270	gal/min =	25.18	LTAR =	0.35
					LTAR + %5	0.3675
		Des. Flow	360		(ltar W/ INOV)	0.4667
		Pump Run=	14.30		(ltar W/ INOV + 5%	0.4900
		Tank Gal/IN	19.65			



Central Carolina Soil Consulting, PLLC
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 Phone (919)569-6704 Fax (919)569-6703

3-Bedroom Septic Layout
 Lot 8, Masons Pointe Subdivision
 Harnett County, North Carolina

Job# : 2031
Drawn By : TMB
Date : 03/19/2020
Revision: