

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: 48 Rawls Farm Ln. (Christian Light Rd. - S
 SUBDIVISION Mason Pointe PH2 LOT # 11
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 40 x 42 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: 08/05/2020 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: 48 Rawls Farm Ln. (Christian Light Rd. -
 SUBDIVISION Mason Pointe PH2 LOT # 11
 Facility Type: 40 x 42 Crawl Finished Bc New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** Pump to 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
50% Reduction PPBPS Sys. (Repair)
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Exact length of each trench Multi feet Trench Spacing: 9 Feet on Center
 Pump Tank Size 1000 gallons Trenches shall be installed on contour at a Soil Cover: 12 inches
 Maximum Trench Depth of: 20 inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
 _____ inches above pipe
 Conditions: Pump to Pressure Manifold; Proposal by Central Carolina Soil NA 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: 08/05/2020
ANDREW CURRY Construction Authorization Expiration Date: 08/05/2025

Application # SFD1910-0014

Harnett County Department of Public Health Site Sketch

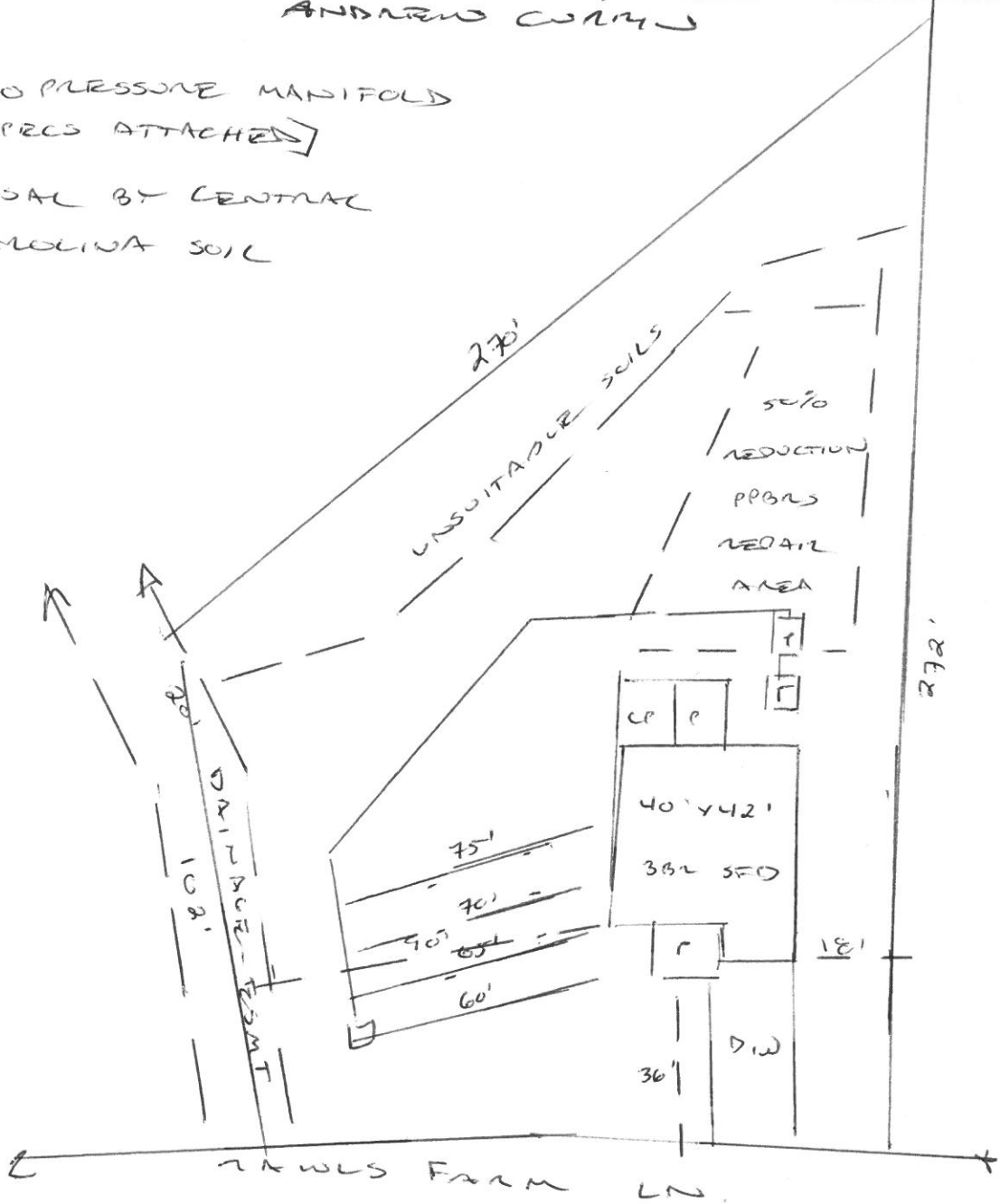
Property Location: 48 Rawls Farm Ln. (Christian Light Rd. - SR 1412)

Issued To: KB Homes Carolinas Subdivision Mason Pointe PH2 Lot # 11

Authorized State Agent:  Date: 02/05/2020
ANDREW CURRAN

* PUMP TO PRESSURE MANIFOLD
[SPRCS ATTACHED]

* PROPOSAL BY CENTRAL
CAROLINA SOIL



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

Mason Pointe Lot 11

| | | | | | | | | | |
|------------------------|--------------|-----------------|--------------------|------------------|----------------------------|-----------------------|----------------|--------------------|------------------|
| Bench Mark | is = 100.00 | | Location of BM EIP | | Elevation Head | 5.40 | | | |
| Pump tank elev. | 100.00 | | Pump elev. | 94.60 | | Manifold elev. | 97.80 | | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
| 1 | Blue | 3.20 | 96.80 | 60 | 1/2in SCH 80 | 5.48 | 85.79 | 180 | 0.4766 |
| 2 | Purple | 5.10 | 94.90 | 65 | 1/2in SCH 80 | 5.48 | 85.79 | 195 | 0.4400 |
| 3 | Yellow | 6.20 | 93.80 | 70 | 1/2in SCH 80 | 5.48 | 85.79 | 210 | 0.4085 |
| 4 | Red | 7.10 | 92.90 | 75 | 1/2in SCH 40 | 7.11 | 111.31 | 225 | 0.4947 |
| 5 | Blue | 7.80 | 92.20 | 80 | 1/2in SCH 40 | 7.11 | 111.31 | 240 | 0.4638 |
| total | | feet = | 350 | gal/min = | 30.66 | LTAR = | 0.3500 | | |
| | | | Des. Flow | 480 | LTAR + %5 | 0.3675 | | | |
| | | | Pump Run= | 15.66 | (ltar W/ INOV) | 0.4667 | | | |
| | | | Tank Gal/IN | 19.65 | (ltar W/ INOV + 5%) | 0.4900 | | | |

Mason Pointe Lot 11

Repair

| | | | | | | | | | |
|------------------------|--------------|-----------------|--------------------|------------------|----------------------------|-----------------------|----------------|--------------------|------------------|
| Bench Mark | is = 100.00 | | Location of BM EIP | | Elevation Head | -2.5 | | | |
| Pump tank elev. | 100 | | Pump elev. | 95 | | Manifold elev. | 92.5 | | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
| 6 | Orange | 8.50 | 91.50 | 80 | 1/2in SCH 40 | 7.11 | 106.28 | 240 | 0.4429 |
| 7 | Purple | 10.80 | 89.20 | 130 | 1/2in SCH 40 | 12.5 | 186.86 | 390 | 0.4791 |
| 8 | Yellow | 11.60 | 88.40 | 125 | 3/4in SCH 40 | 12.5 | 186.86 | 375 | 0.4983 |
| total | | feet = | 335 | gal/min = | 32.11 | LTAR = | 0.3500 | | |
| | | | Des. Flow | 480 | LTAR + %5 | 0.3675 | | | |
| | | | Pump Run= | 14.95 | (ltar W/ INOV) | 0.7000 | | | |
| | | | Tank Gal/IN | 19.65 | (ltar W/ INOV + 5%) | 0.7350 | | | |