

HTE# 15-536545

# Harnett County Department of Public Health

28512 <sup>114</sup>

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: McKee Homes LLC PROPERTY LOCATION: EGLIN DR  
 SUBDIVISION OAKMONT LOT # 90  
 NEW  REPAIR  EXPANSION   
 Type of Structure: SFD (50' x 56') Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Proposed Wastewater System Type: LOW PROFILE CHAMBER  
 Projected Daily Flow: 480 GPD  
 Number of bedrooms: 4 Number of Occupants: 8 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 100 feet Permit valid for:  Five years  
 No expiration  
 Permit conditions: \_\_\_\_\_

Authorized State Agent: [Signature] Date: 8/7/15 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: McKee Homes LLC PROPERTY LOCATION: EGLIN DR  
 SUBDIVISION OAKMONT LOT # 90  
 Facility Type: SFD (50' x 56')  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* LOW PROFILE CHAMBER (Initial) Wastewater Flow: 480 GPD  
 (See note below, if applicable   
DRIP (NO PRETREATMENT) (Repair)

### Installation Requirements/Conditions

Septic Tank Size 1000 gallons Exact length of each trench 545 feet Trench Spacing: 9 Feet on Center  
 Pump Tank Size \_\_\_\_\_ gallons Trenches shall be installed on contour at a Soil Cover: 6 inches  
 Maximum Trench Depth of: 8 inches (Maximum soil cover shall not exceed 36" above the trench bottom)  
 (Trench bottoms shall be level to +/- 1/4" in all directions)  
 Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Aggregate Depth: \_\_\_\_\_ inches below pipe  
 \_\_\_\_\_ inches above pipe  
 \_\_\_\_\_ inches total  
 Conditions: PERMIT BASED ON PROPOSAL FROM LSS SEE ATTACHED.

**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: 8/7/15  
 Construction Authorization Expiration Date: 8/7/20

SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: OAKMONT

LOT 90

INITIAL SYSTEM: INFILTRATOR QUICKLY (EP)  
*LOW PROFILE*

REPAIR DRIP (IRRIGATION) <sup>NO</sup> PRETREAT

DISTRIBUTION: SERIAL

DISTRIBUTION TBD

BENCHMARK: 100.0

LOCATION RC 90/ROAD

NO. BEDROOMS: 4

LTAR 0.3 GPD/FT<sup>2</sup>

LINE	FLAG COLOR	ELEVATION	LENGTH
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*Initial system*

1	B	115.34	60'
2	P	114.17	60'
3	B	112.84	60'
4	P	111.58	115'
5	B	110.17	90'
6	P	108.84	80'
7	B	107.42	50'
8	P	106.42	30'
			<u>545'</u>

BY M EAKER

DATE 08/2015

TYPICAL PROFILE

- 0-10 gLs (VFs, w.g.)
- 10-26 s.c. (F<sub>i</sub>, w/strk)
- 26+ pm (see write up)

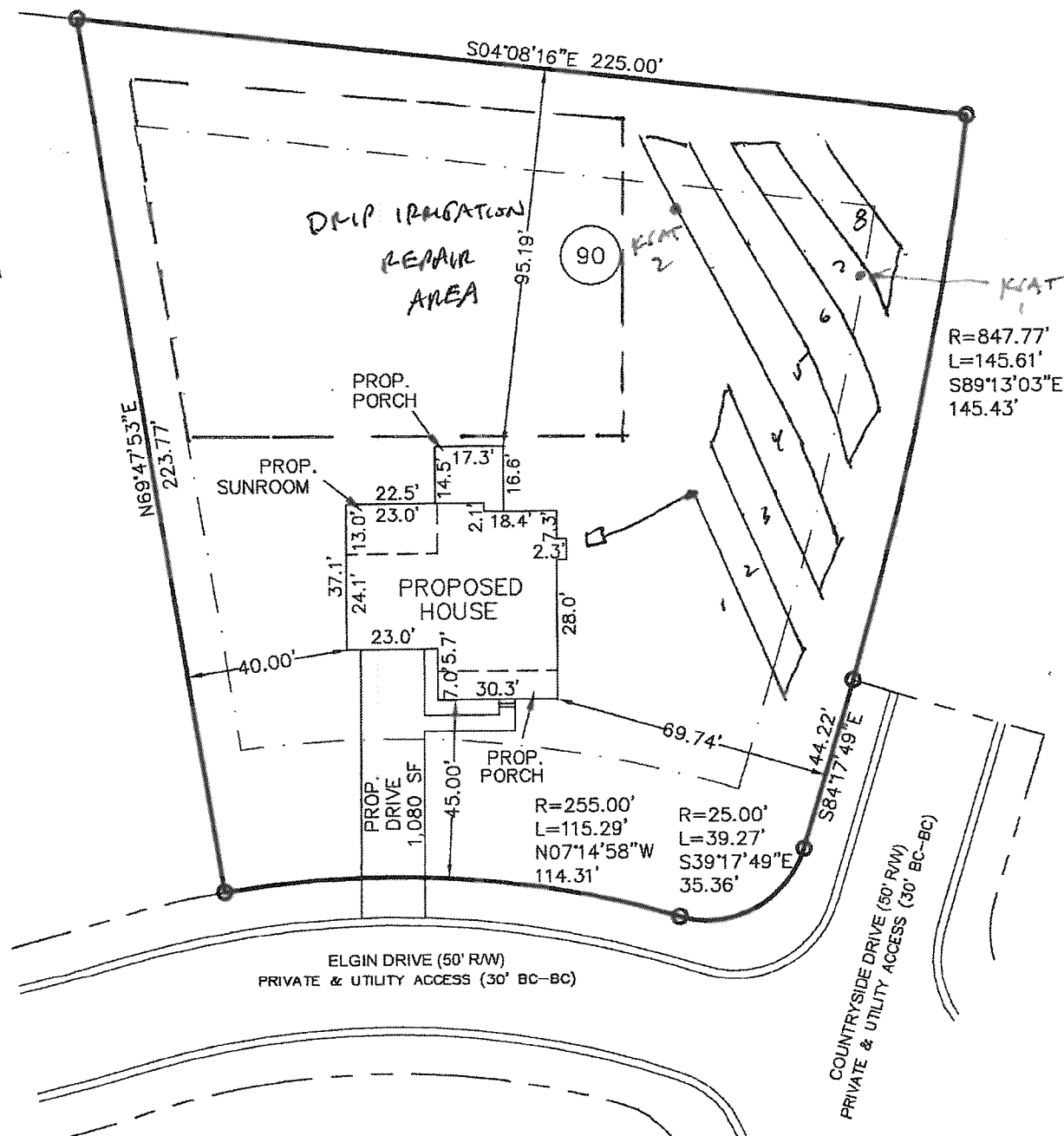
THERE SHALL BE NO GRADING, CUTTING, LOGGING OR OTHER SOIL DISTURBANCE IN SEPTIC AREA. DO NOT REMOVE ANY SOIL. CAREFUL CLEANING IS REQUIRED.

INSTALL AT 8" ON LOW SIDE  
ADD 6" COVER WHERE REQUIRED  
BY HEALTH DEPT.

# PROPOSED SEPTIC LAYOUT

N/F  
M & JM, LLC  
DB 2281, PG 145  
FUTURE DEVELOPMENT

114



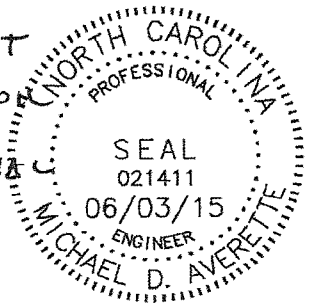
## PLOT PLAN

**SUBDIVISION:** OAKMONT SUBDIVISION  
PHASE ONE  
SECTION THREE  
MB 2013, PG 346

**OWNER:** MCKEE HOMES, LLC

**SCALE:** 1" = 40'

\* DO NOT GRADE, CUT  
OR REMOVE ANY SOIL  
FROM SEPTIC LIMITS  
OR REPAIR AREAS



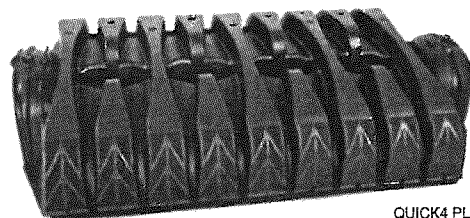


## Infiltrator Quick4 Plus Standard LP Chamber in North Carolina

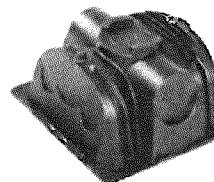
The purpose of this product information sheet is to provide specific design and installation information pertinent for the use of Infiltrator Quick4 Plus Standard Low Profile (LP) chamber in North Carolina. Infiltrator products must be used in conjunction with the standards described in the North Carolina Rule 15A NCAV 18A.1900 and Infiltrator's innovative wastewater system approval ([www.deh.enr.state.nc.us](http://www.deh.enr.state.nc.us)). This document provides a brief description of the chamber and sizing specifications. For more detailed design information, please contact Infiltrator Systems at 1-800-221-4436.

The Quick4™ Plus Standard Low Profile (LP) chamber model can be installed in 36-inch-wide trench. The Quick4 Plus Standard LP chamber is 4 inches shorter than other standard models, allowing for shallower installation. The Quick4 Plus chamber offers advanced contouring capability and superior strength through its center structural columns.

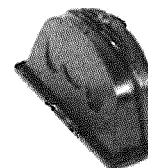
The Quick4 Plus All-in-One Endcap and the Quick4 Plus Endcap are available with this chamber, providing increased flexibility in system configurations. The Quick4 Plus endcap systems allow multi-directional piping through several points and allows inletting at the top of the endcap. The Quick4 Plus Endcap can also be installed mid-line within a chamber row for center-fed beds or trenches.



QUICK4 PLUS STANDARD LP CHAMBER



QUICK4 ALL-IN-ONE ENDCAP



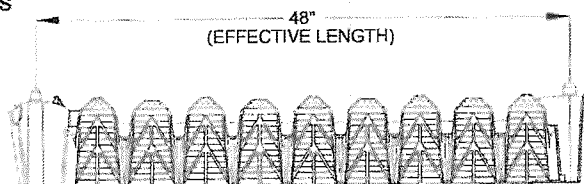
QUICK4 PLUS ENDCAP

### Quick4 Plus Standard Low Profile (LP) Nominal Chamber Specifications

Size (W x L x H)	34" x 48" x 8"
Storage	32 gal (4.3 ft <sup>3</sup> )
Equivalency Rating/Sizing	3.0 ft <sup>2</sup> /lf

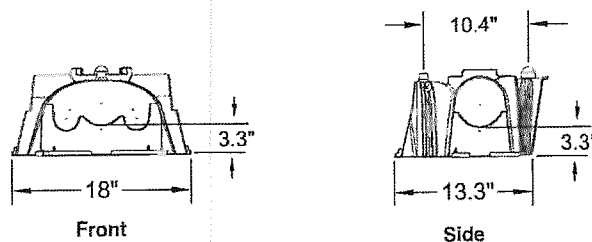
### QUICK4 PLUS STANDARD LP CHAMBER SIDE AND END VIEWS

(Not to scale)



### QUICK4 PLUS ALL-IN-ONE ENDCAP SIDE AND END VIEWS

(Not to scale)



### QUICK4 PLUS ENDCAP SIDE AND END VIEWS

(Not to scale)

