

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Greenfield Housing Center

PROPERTY LOCATION: 1444 Mabry Road (SR 1538)

NEW REPAIR EXPANSION

SUBDIVISION _____ LOT # _____

Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 3-bedroom 27x56' MOD

Proposed Wastewater System Type: 25% reduction

Projected Daily Flow: 366 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: 06/21/2019

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.

ISSUED TO: Greenfield Housing Center

PROPERTY LOCATION: 1444 Mabry Road (SR 1538)

Facility Type: 3-Bedroom 27x56' MOD 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 50% reduction PPGS (Repair)

Installation Requirements/Conditions

Septic Tank Size 1000 gallons

Number of trenches 5

Exact length of each trench 50 feet

Trench Spacing: 9 Feet on Center

Pump Tank Size _____ gallons

Trenches shall be installed on contour at a

Soil Cover: 6 → 12 inches

Maximum Trench Depth of: 18 → 24 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

NA inches below pipe

Aggregate Depth: NA inches above pipe

Conditions: Install shallow (18in) to deep (24in)

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: 06/21/2019

ANDREW CURRIN Construction Authorization Expiration Date: 06/21/2024

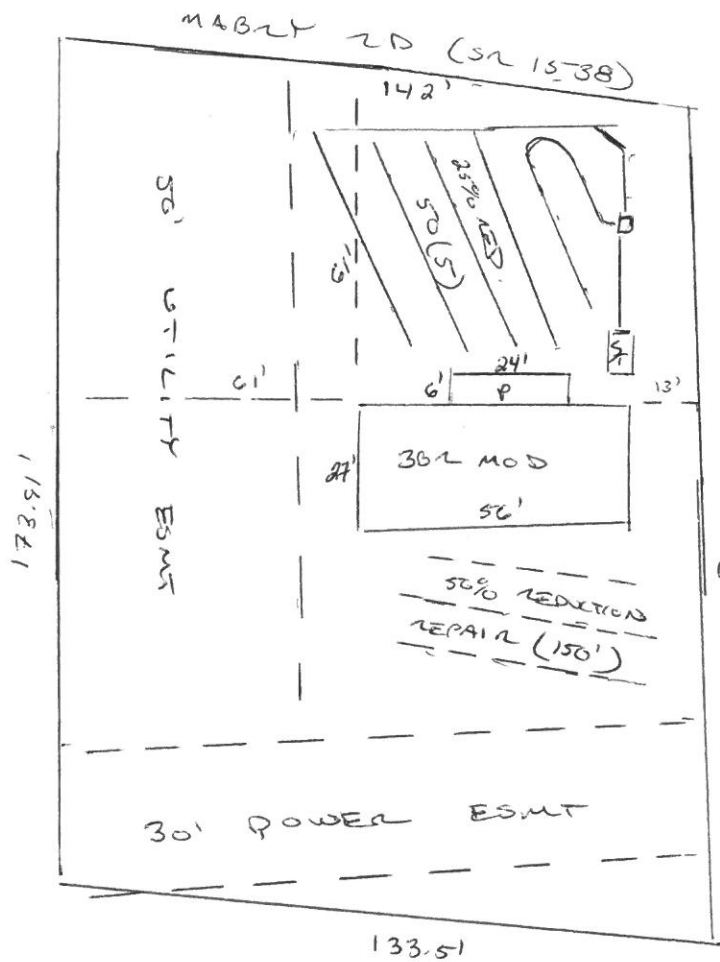
HTE# BUES1905-0034

Permit # NA

Harnett County Department of Public Health Site Sketch

ISSUED TO: Greenfield Housing Center PROPERTY LOCATION: 1444 Mabry Road (SR 15-38)
SUBDIVISION _____ LOT # _____

Authorized State Agent: [Signature] Date: 06/21/2019
ANDREW CURRIN



- * PROPOSAL BY ADAMS SOIL CONSULTING
- * FIVE (5) SOFT 25% REDUCTION
- * INSTALL SHALLOW (18IN) TO DEEP (24IN)
- * 10FT FRONT POLE SETBACK AND SFT PORCH SETBACK
- * SUPPLY LINE CAN COME WITHIN 10FT OF POLE
- * ENSURE ESMTS MARKED AT INSTALL
- * NO DRIVE OVER SEPTIC AREA
[DRIVEWAY SHALL BE IN UTILITY ESMT]
- * D-BOX EQUAL DISTRIBUTION REQUIRED

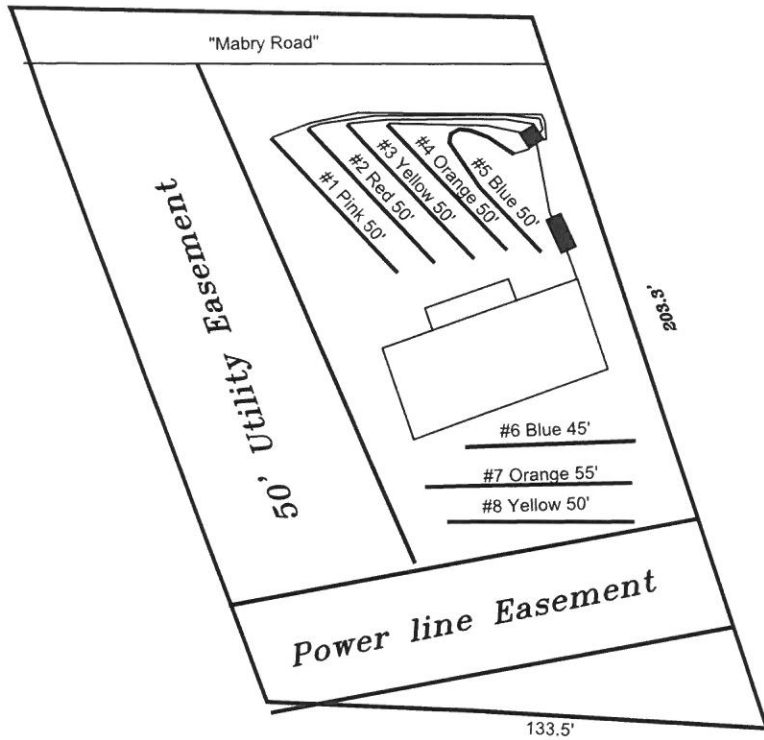
1444 Mabry Road

3-Bedroom Home (360 gal./day)

| <u>LINE #</u> | <u>COLOR</u> | <u>BS</u> | <u>FS</u> | <u>ELEVATION</u> | <u>LINE LENGTH</u> | <u>Design Length</u> |
|---------------|--------------|-----------|-----------|------------------|--------------------|----------------------|
| TBM | | 1.0 | 100.0 | | <u>in field</u> | <u>installation</u> |
| INST. 1 | | | 101.0 | | | |
| 1 | Pink | | 1.3 | 99.7 | 57 | 50 |
| 2 | Red | | 1.7 | 99.3 | 50 | 50 |
| 3 | Yellow | | 2.1 | 98.9 | 52 | 50 |
| 4 | Orange | | 2.3 | 98.7 | 55 | 50 |
| 5 | Blue | | 2.6 | 98.4 | 58 | 50 |
| 6 | Blue | | 2.7 | 98.3 | 45 | 45 |
| 7 | Orange | | 3 | 98 | 60 | 55 |
| 8 | Yellow | | 3.3 | 97.7 | 57 | 50 |

| | <u>System</u> | <u>Repair</u> |
|-------------------------------|-----------------------------------|-----------------------------------|
| | Lines 1-5 | Lines 6-8 |
| System Type | Accepted Status System EZ-FLOW | T&J Panel 50% Reduction Repair |
| Suggested Soil LTAR | 0.40 | 0.40 |
| Total Line Length | 250 | 150 |
| Square Footage | 750 | 450 |
| Proposed Trench Bottom | 18-24" | 24" |
| Distribution Method | Gravity to D-Box | Pressure Manifold |

1444 Mabry Rd 3-Bedroom Septic System Proposal



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System: Gravity to D-Box
 Lines: 1-5 (250')
 0.4 LTAR
 18-24" Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 6-8 (150')
 0.4 LTAR
 18" Trench Bottom
 T&J Panel - 50% reduction system

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #545