

# Harnett County Department of Public Health

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Candlyn Dorman ✓  
 NEW  REPAIR  EXPANSION   
 PROPERTY LOCATION: Hwy 27E SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Type of Structure: Ex 4 Bm SFD + 2 Outlets  
 Proposed Wastewater System Type: 25% REDUCTION *detached 25% Bungalow*  
 Projected Daily Flow: 960 total GPD 480-4 240-2  
 Number of bedrooms: 8 Number of Occupants: 8-4-4 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 \_\_\_\_\_ feet  
 Permit valid for:  Five years  No expiration  
 Permit conditions: \_\_\_\_\_

Authorized State Agent: James E. Manhart JR. P.E. Date: 11-13-23 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: Candlyn Dorman PROPERTY LOCATION: Hwy 27E  
 SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Facility Type: Ex 4 Bm SFD 2 Detached  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% REDUCTION (Initial) Wastewater Flow: 960 - GPD  
 (See note below, if applicable )  
25% RED + 50% RED (Repair) 5pt 480-4 Bm  
240-2 Bm  
240-2 Bm

**Installation Requirements/Conditions**  
 Septic Tank Size 1000 gallons  
 Pump Tank Size 1000? gallons  
 Number of trenches Vary system to system  
 Exact length of each trench Vary feet  
 Trench Spacing: 9 Feet on Center  
 Trenches shall be installed on contour at a  
 Soil Cover: 6 inches  
 Maximum Trench Depth of: Vary 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: 6 inches below pipe  
2 inches above pipe  
12 inches total  
 Conditions: 3 Separate Septic Systems to BS INSTALLED  
Follow Consultants layout meet ONSETS prior to install.

**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: James E. Manhart JR. P.E. Date: 11-13-23  
 Construction Authorization Expiration Date: 11-13-28

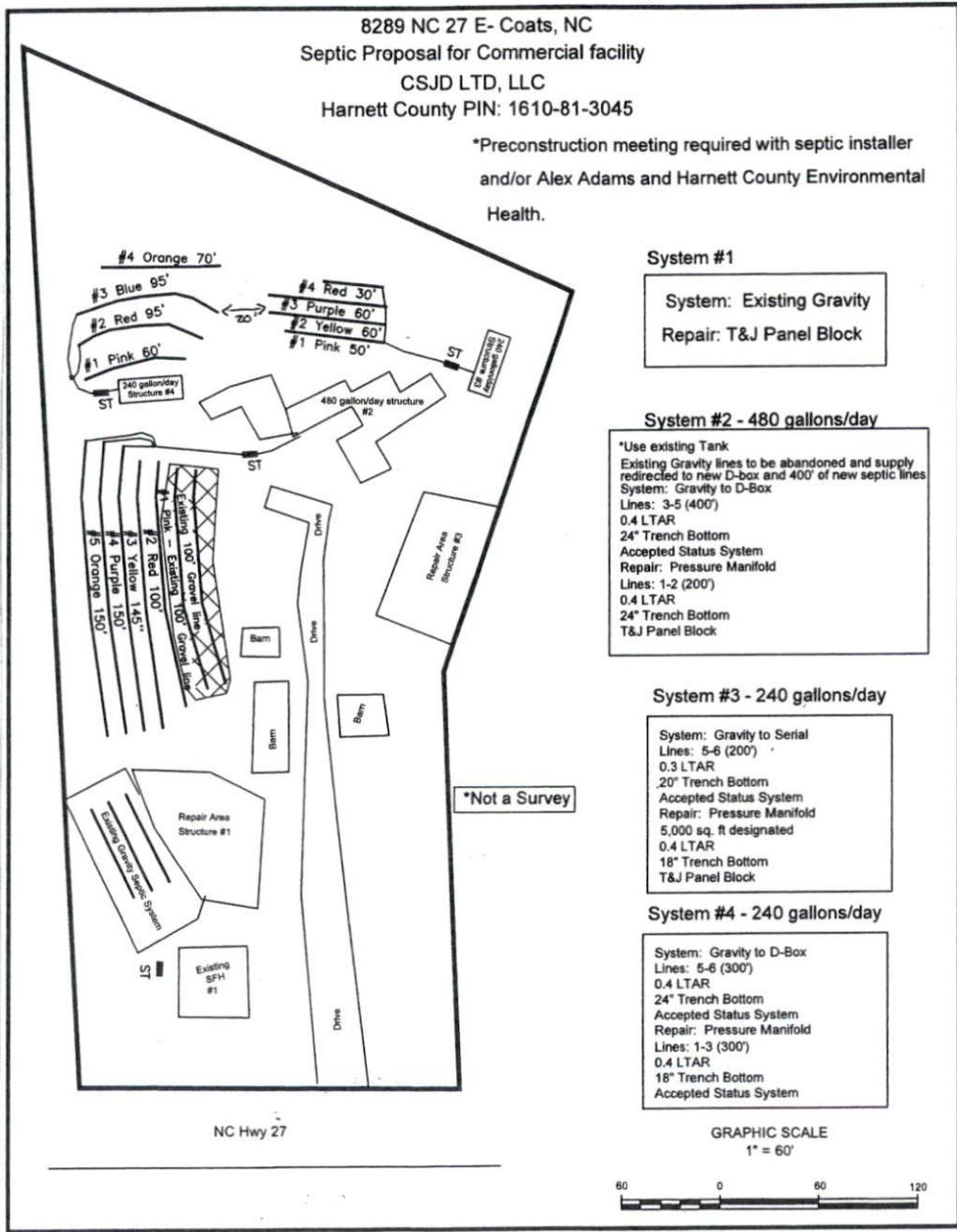
Application # EH 2308-003

# Harnett County Department of Public Health Site Sketch

Property Location: Hwy 27 E  
Issued To: Candyn Donnan Subdivision \_\_\_\_\_ Lot # \_\_\_\_\_

Authorized State Agent: James C. Marshall *JCM* *REHS* Date: 11-13-23

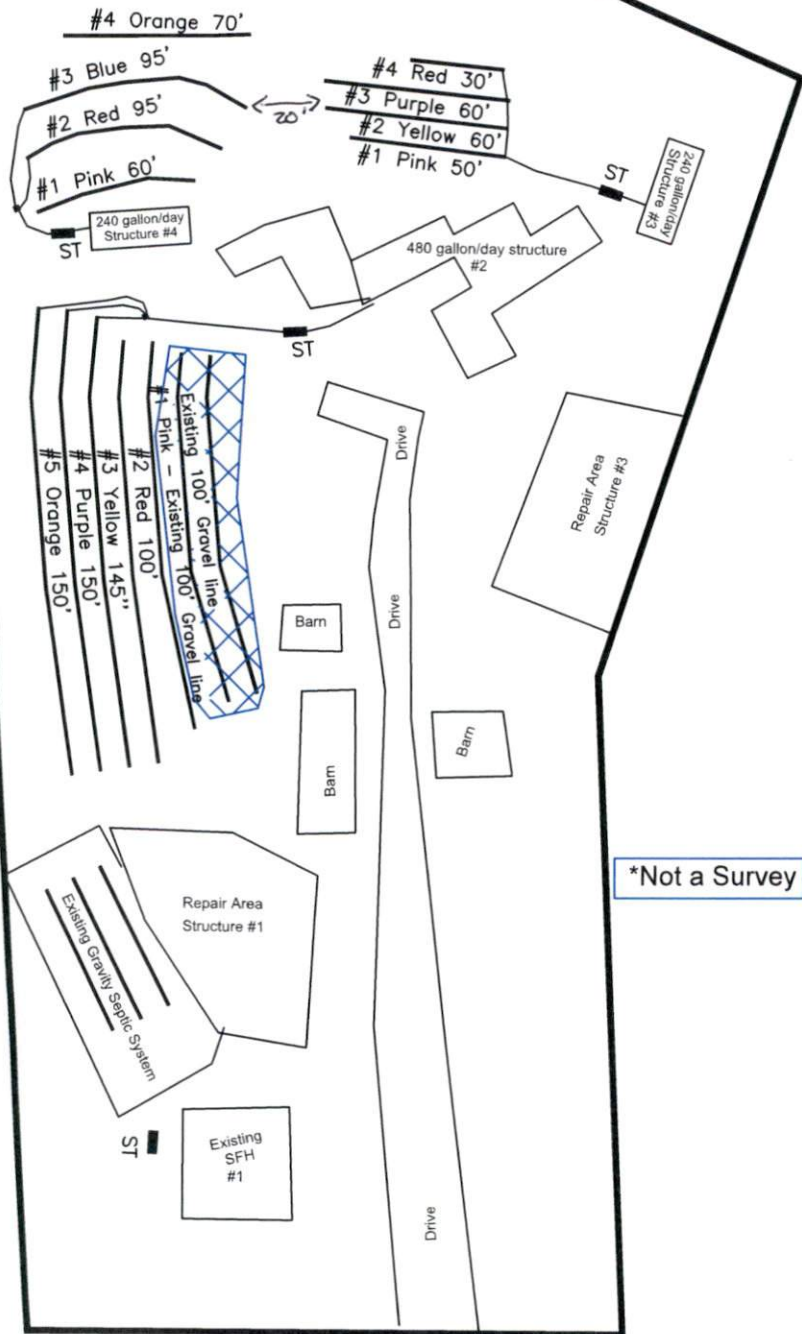
*\* Contractor to meet ON SITE prior to install.*



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

8289 NC 27 E- Coats, NC  
 Septic Proposal for Commercial facility  
 CSJD LTD, LLC  
 Harnett County PIN: 1610-81-3045

\*Preconstruction meeting required with septic installer and/or Alex Adams and Harnett County Environmental Health.



**System #1**

System: Existing Gravity  
 Repair: T&J Panel Block

**System #2 - 480 gallons/day**

\*Use existing Tank  
 Existing Gravity lines to be abandoned and supply redirected to new D-box and 400' of new septic lines  
 System: Gravity to D-Box  
 Lines: 3-5 (400')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Pressure Manifold  
 Lines: 1-2 (200')  
 0.4 LTAR  
 24" Trench Bottom  
 T&J Panel Block

**System #3 - 240 gallons/day**

System: Gravity to Serial  
 Lines: 5-6 (200')  
 0.3 LTAR  
 20" Trench Bottom  
 Accepted Status System  
 Repair: Pressure Manifold  
 5,000 sq. ft designated  
 0.4 LTAR  
 18" Trench Bottom  
 T&J Panel Block

**System #4 - 240 gallons/day**

System: Gravity to D-Box  
 Lines: 5-6 (300')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Pressure Manifold  
 Lines: 1-3 (300')  
 0.4 LTAR  
 18" Trench Bottom  
 Accepted Status System

NC Hwy 27

GRAPHIC SCALE  
 1" = 60'

