

HTE# 11-5-27479

# Harnett County Department of Public Health Improvement Permit

26643

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Samuel Rodriguez PROPERTY LOCATION: Roberts Rd.  
 NEW  REPAIR  EXPANSION  SUBDIVISION: Louisville Hills LOT # 11  
 Type of Structure: SFD 105x90' Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Proposed Wastewater System Type: Pump to conventional  
 Projected Daily Flow: 600 GPD  
 Number of bedrooms: 5 Number of Occupants: 10 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  
 Permit conditions: \_\_\_\_\_  No expiration

Authorized State Agent: Bryan McLean, REHS Date: 9/13/2011 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: Samuel Rodriguez PROPERTY LOCATION: Roberts Rd.  
 SUBDIVISION: Louisville Hills LOT # 11  
 Facility Type: SFD  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* Pump to Conventional (Initial) Wastewater Flow: 600 GPD  
 (See note below, if applicable  Pump to Conventional (Repair))

<b>Installation Requirements/Conditions</b>	Number of trenches <u>4</u>	
Septic Tank Size <u>1250</u> gallons	Exact length of each trench <u>100</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size <u>1250</u> gallons	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>24</u> inches (Trench bottoms shall be level to +1-1/4" in all directions)	Soil Cover: <u>12</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: <u>6</u> inches below pipe <u>2</u> inches above pipe <u>12</u> inches total
Conditions: <u>Supply Line from <sup>Pump</sup> tank should be at least 30 inches deep</u>		

**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: Bryan McLean, REHS Date: 9/13/2011  
 Construction Authorization Expiration Date: 9/13/2016

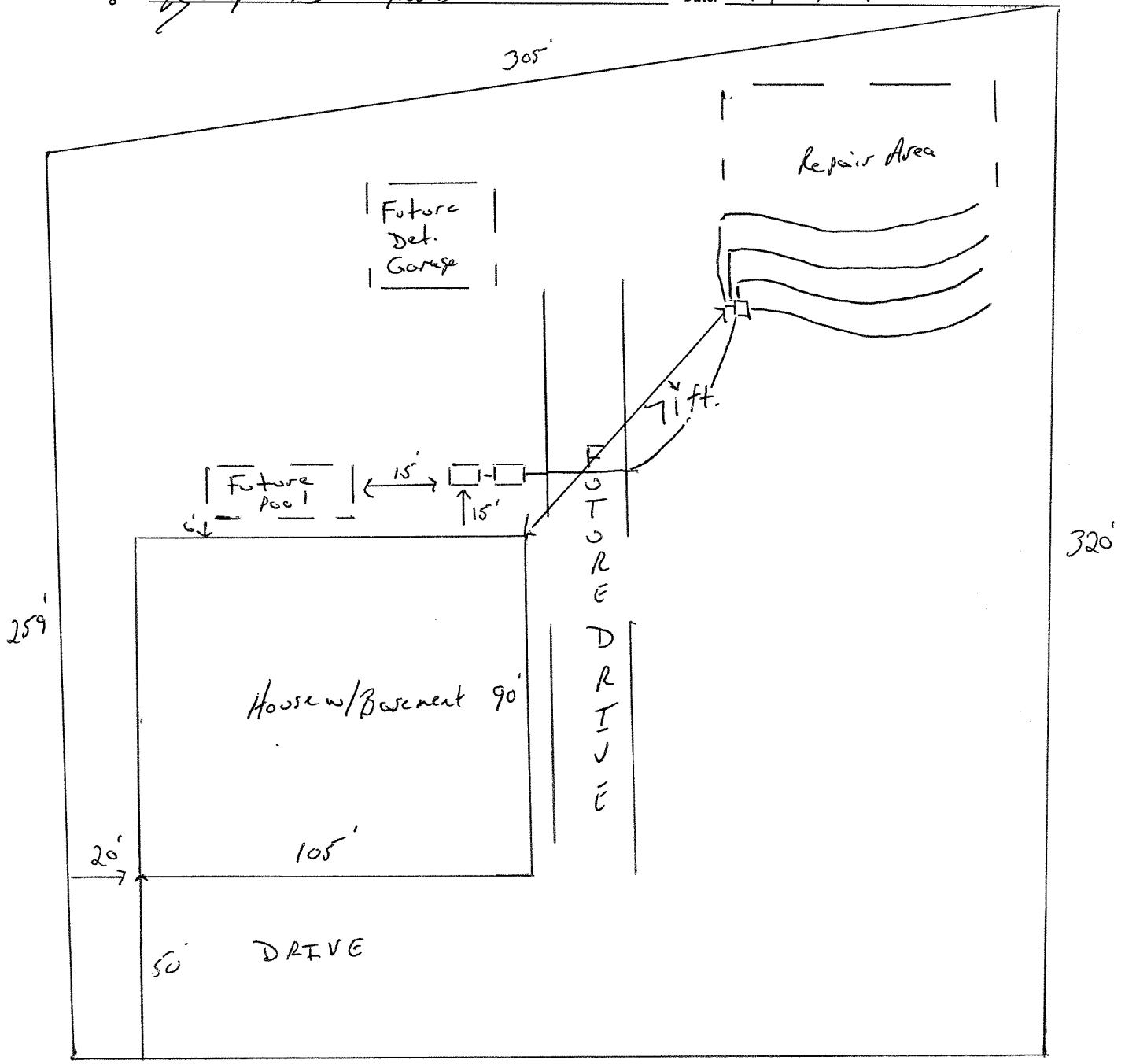
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# Harnett County Department of Public Health Site Sketch

ISSUED TO: Samuel Rodriguez PROPERTY LOCATOR: Roberts Rd.  
SUBDIVISION Louisville Hill LOT # 11

Authorized State Agent: [Signature] Date: 9/13/2011



Roberts Rd.

# HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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Lillington, NC 27546-0400

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E-mail: halowen@earthlink.net

19 October, 2006

Ms. Eva Gardner  
136 Edgecomb Drive  
Spring Lake, NC 28309

Reference: Soil Investigation

Lot 11 – Cameron Jacobs Property - Roberts Road Property - 2.0 Acres

Dear Ms. Gardner,

A soil investigation has been conducted at the above referenced property, located on the southern side of Roberts Road, Barbecue Township, Harnett County, North Carolina. The purpose of the investigation was to determine the property's ability to support a subsurface sewage waste disposal system and repair area for a typical four-bedroom home. All ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". It is our understanding that individual septic systems and public water supplies will be utilized at this site.

This lot is underlain by a mixture of soils that range from suitable to provisionally suitable soils for subsurface sewage waste disposal (see attached map). The suitable soils were observed to be friable loamy sands and sandy loams to greater than 48 inches and appear adequate to support long term acceptance rates of 0.8 to 1.0 gal/day/sqft. The provisionally suitable soils were observed to be friable sandy clay loams to greater than 36 inches and appear adequate to support long term acceptance rates of 0.5 to 0.6 gal/day/sqft. In other words, you should expect that 50 to 80 feet of conventional drainline would be required for each bedroom in the home. It appears that the soils on this lot are adequate to support a conventional septic system and repair area for the four-bedroom home that you desire. This lot also appears adequate in size to support an individual well if desired.

I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.



Sincerely,

A handwritten signature in cursive script that reads "Hal Owen".

Hal Owen  
Licensed Soil Scientist

