

HTE# 14-5-32801

Harnett County Department of Public Health

29286

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Edward Bert Wallace PROPERTY LOCATION: 321 Arbor Crest Ln. (SR NC 27 E.)
 NEW REPAIR EXPANSION SUBDIVISION: Arbor Crest LOT # 11
 Type of Structure: 3 BR SFD Site Improvements required prior to Construction Authorization Issuance: _____
 Proposed Wastewater System Type: 25% Reduction System
 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 _____ feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Edward Bert Wallace RENS-5
 Authorized State Agent: James E. Markham RENS Date: 12-19-16 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: Edward Bert Wallace PROPERTY LOCATION: 321 Arbor Crest Ln. (SR NC 27 E.)
 SUBDIVISION: Arbor Crest LOT # 11
 Facility Type: 3 BR SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Existing) (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable)
25% Reduction System (New) (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>900-1000</u> gallons	Number of trenches <u>3</u>	Exact length of each trench <u>80</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Trenches shall be installed on contour at a	Maximum Trench Depth of: <u>18</u> inches	Soil Cover: <u>6</u> inches
	(Trench bottoms shall be level to +/-1/4" in all directions)	(Maximum soil cover shall not exceed 36" above the trench bottom)	

Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe
 Aggregate Depth: _____ inches above pipe
 Conditions: _____ 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: James E. Markham RENS Date: 12-19-16
Edward Bert Wallace Construction Authorization Expiration Date: 12-19-21

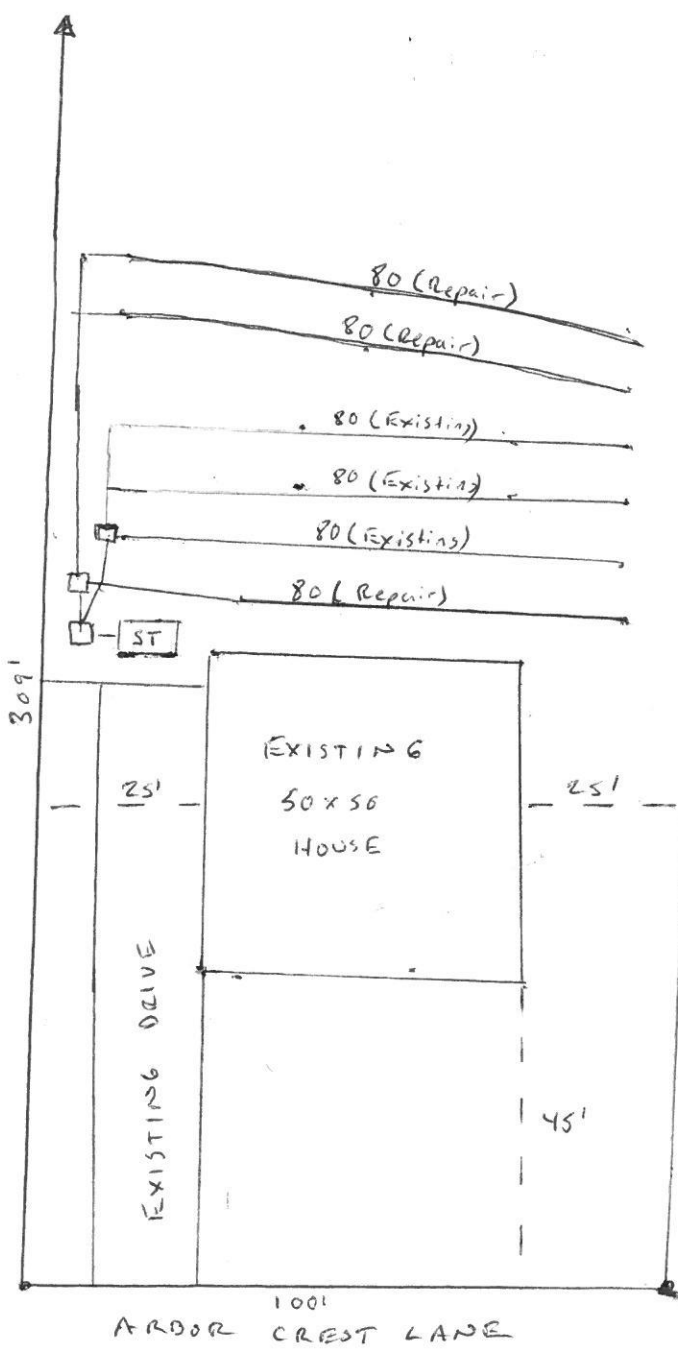
HTE# 14-S-32801

Permit # 29286

Harnett County Department of Public Health Site Sketch

ISSUED TO: Edward Bert Wallace PROPERTY LOCATOR: 321 Arbor Crest Ln (SR NC 27 E.)
SUBDIVISION Arbor Crest LOT # 11

Authorized State Agent: James E. Markham, REAS Date: 12-12-16
Andrew Corcoran, REAS-F.



- * Meet Installer on site prior to install
- * New System 18' depth Max
- * Split System utilizing existing space closest to house
- * 25% Reduction System
- * Utilize existing septic system (let system dry out first)
- * Multi-DBox System
 septic → DBox → New System
 * Existing System
- * Place System as tight to existing system as contour will allow on account of soil/landscape limitations.

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: *Wallace* Applicant: *Edward Wallace*

Address: *321 Arbor Crest Ln* Date Evaluated: *12/15/16*
 Proposed Facility: *3BR House* Design Flow (.1949): *36 gal/dy* Property Size: *0.98*

Location of Site: *Arbor Crest* Property Recorded: *YES*
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Witness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L-2%	0-28	Sg./S	Gr. sssr sep	—	—	—	—	PS
		28-36	BK/C	F. s p sep	5YR 7/1 @ 36	36+	—	—	0.4
2	L-2%	0-24	Sg./S	Fr. sssr sep	—	24+	—	—	
			*ROCK @	@ 24	Need pits for	Front	Repair		
3	L-2%	0-28	Gr./LS	Fr. sssr sep					PS
		28-32	BK/SL	F. s p sep	5YR 7/1 @ 32	32+			0.4
4	L-2%	0-28	Gr./LS	Fr. sssr sep					PS
		28-32	BK/SL	F. s p sep	5YR 7/1 @ 32	32+			0.4
5	L-2%	0-26	Gr./LS	Fr. sssr sep					PS
		26-34	BK/SL	F. s p sep	7.5YR 7/1 @ 34	34+			0.4

Description	Initial System	Repair System	Other Factors (.1946): <i>None</i>
Available Space (.1945)	<i>NA</i>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>Provisionally Suitable</i>
System Type(s)	<i>NA</i>	<i>25% Red.</i>	Evaluated By: <i>Andrew Cortin, REAS-I</i>
Site LTAR	<i>NA</i>	<i>0.4</i>	Others Present: <i>James Manhart, REAS</i>