

HTE# 17-5-42244

# Harnett County Department of Public Health

29222

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Chris & Belinda Revels PROPERTY LOCATION: Rawls church rd. (sr 1415)  
 NEW  REPAIR  EXPANSION  SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Type of Structure: 432 76'x42' TWMH Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Proposed Wastewater System Type: 25% reduction Sys.  
 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 \_\_\_\_\_ feet Permit valid for:  Five years  
 Permit conditions: \_\_\_\_\_  No expiration

Authorized State Agent: [Signature] Date: 09/20/2017 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: Chris & Belinda Revels PROPERTY LOCATION: Rawls Church rd. (Sr 1415)  
 Facility Type: 432 76'x42' TWMH  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% reduction system (Initial) Wastewater Flow: 480 GPD  
 (See note below, if applicable   
Pump to 25% red. Sys. (Repair)

**Installation Requirements/Conditions**

Septic Tank Size <u>1200</u> gallons	Number of trenches <u>3</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>100</u> feet	Soil Cover: <u>8</u> inches
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed
	Maximum Trench Depth of: <u>30</u> inches	36" above the trench bottom)
	(Trench bottoms shall be level to +1-1/4"	
	in all directions)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: _____ inches below pipe
		_____ 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: [Signature] Date: 09/20/2017  
ANDREW CORBIN Construction Authorization Expiration Date: 09/20/2022

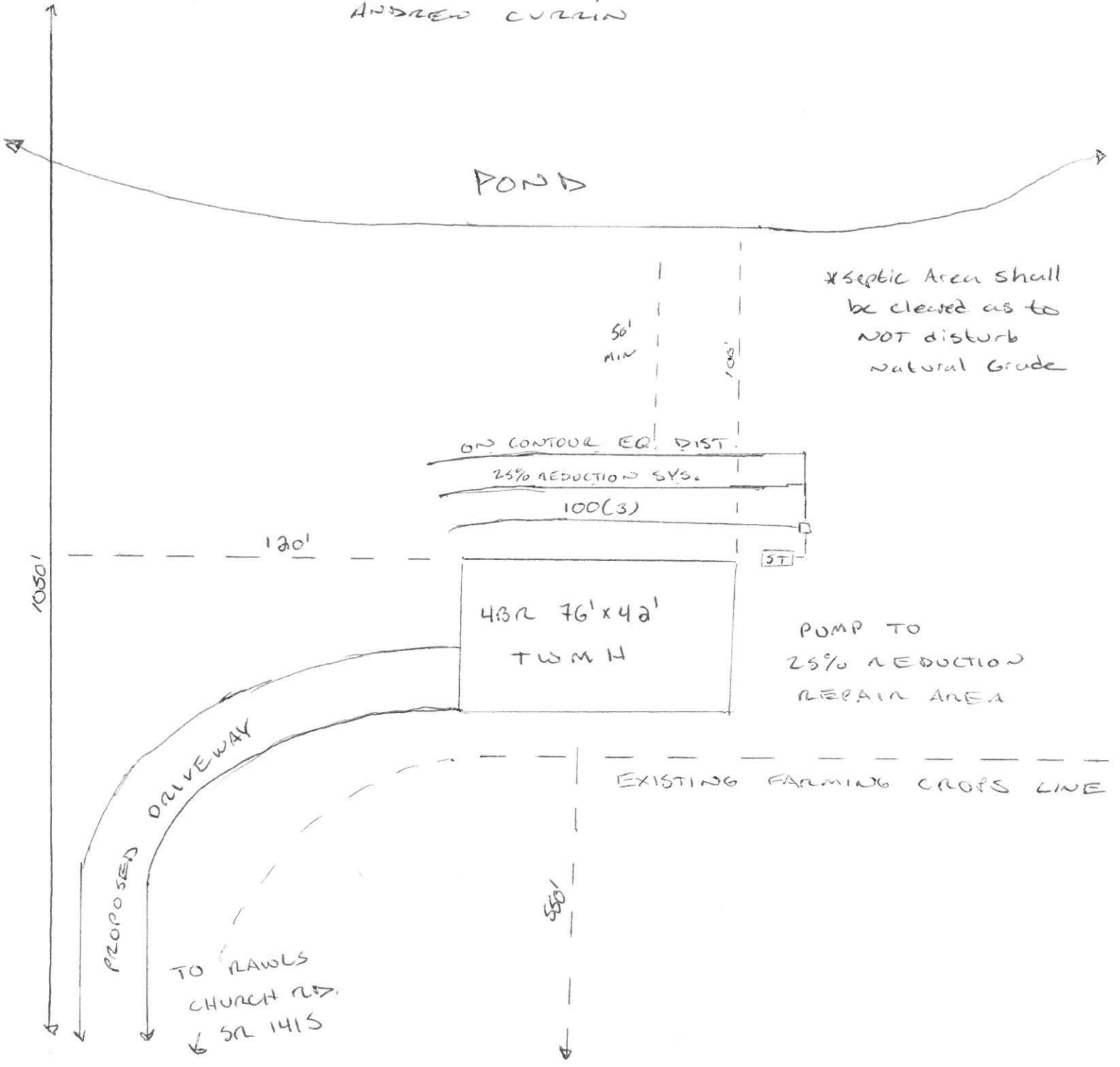
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# Harnett County Department of Public Health Site Sketch

ISSUED TO: Chris & Belinda Revels PROPERTY LOCATOR: Rawls Church Rd. (SR 1415)  
SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Authorized State Agent: *Andrew Curran* Date: 09/20/2017  
ANDREW CURRAN



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

Owner: Applicant: Chris & Belinda Nevels  
 Address: Rural Church Rd Date Evaluated: 09/19/17  
 Proposed Facility: 432 TWMIT Design Flow (.1949): 400 GPD Property Size: 7.269 AC  
 Location of Site: 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 Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L 2%	0-24	GR LS	VFA SSP Veq					PS
		24-40	BL SCL	FA SSP Veq	7.5YR 7/1 @ 40"	40+			0.4
2,4	L 2%	0-18	GR LS	VGR SSP Veq					PS
		18-40	BL SCL	FA SSP Veq	7.5YR 7/1 @ 38"	40+			0.4
3	L 3%	0-26	GR LS	VGR SSP Veq					U/PS
		26-36	BL SCL	FA SSP Veq	7.5YR 7/1 @ 34"	36+			0.4

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>Unsuitable/Provisionally Suitable</u> Evaluated By: <u>Andrew Curran, NEHS</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% Red</u>	<u>25% Red</u>	
Site LTAR	<u>0.4</u>	<u>0.4</u>	