

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Justin Mulcahy PROPERTY LOCATION: Walt Johnson Rd. (SR 1517)
 SUBDIVISION _____ LOT # 2A
 NEW REPAIR EXPANSION
 Type of Structure: 432 54x58' SFD 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 100 feet M/W Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 01/11/2018 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: Justin Mulcahy PROPERTY LOCATION: Walt Johnson Rd. (SR 1517)
 SUBDIVISION _____ LOT # 2A
 Facility Type: 432 54'x58' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction Sys. (Initial) Wastewater Flow: 480 GPD
 (See note below, if applicable)
25% Reduction Sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1250</u> gallons	Number of trenches <u>3</u>	Exact length of each trench <u>100</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>24</u> inches	Soil Cover: <u>12</u> inches
	(Trench bottoms shall be level to +1-1/4"	in all directions)	(Maximum soil cover shall not exceed 36" above the trench bottom)

Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
NA inches total

Conditions: No grading of natural contour in septic area

**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: 01/11/2018
ANDREW CURRAN Construction Authorization Expiration Date: 01/11/2023

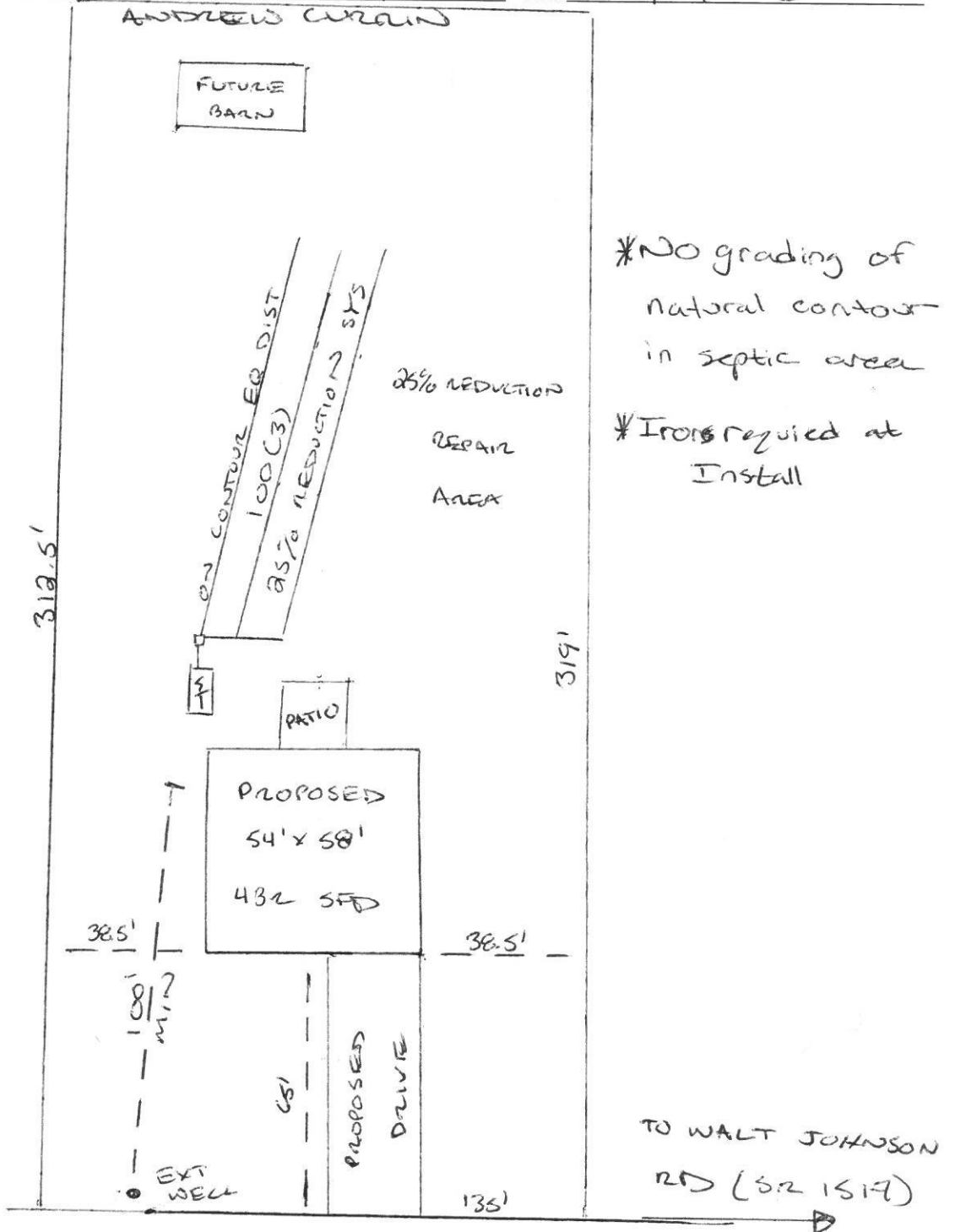
HTE# 17-5-428582

Permit # 29790

Harnett County Department of Public Health Site Sketch

ISSUED TO: Justin Mulcahy PROPERTY LOCATOR: Walt Johnson Rd. (SR 1517)
SUBDIVISION _____ LOT # _____

Authorized State Agent: [Signature] Date: 01/11/2018



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

Owner: — Applicant: Justin Mulcahy
 Address: Walt Johnson Rd Date Evaluated: 12/14/17
 Proposed Facility: 472 SWS Design Flow (.1949): 800 GPD Property Size: 0.98 AC
 Location of Site: Property Recorded:
 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	
1,4	L 2%	0-30	LS GL	VAR 55% clay					
		30-44	BL SLL	FR 5 P 4% clay					PS
		44+	Parent mat	—		44			0.4
2,3	L 2%	0-30	LS GL	VAR 44% clay					
		30-44	BL SLL	FR 10% clay					PS
		40+	Parent mat	—		40			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<u>✓</u>	<u>✓</u>	Site Classification (.1948): <u>Provisionally suitable</u>
System Type(s)	<u>2 1/2" 4" 6"</u>	<u>3 1/2" 4" 6"</u>	Evaluated By: <u>Andrea Carrington</u>
Site LTAR	<u>0.4</u>	<u>0.4</u>	Others Present: