

HTE# 18-5-43865

Harnett County Department of Public Health

29949

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Jeremy Randall PROPERTY LOCATION: Market Street (River rd. Sr 1418)
 NEW REPAIR EXPANSION SUBDIVISION: Captains Landing Blk 7 LOT # 44M, 45M
 Type of Structure: 4BR DWMH 60'x27' Site Improvements required prior to Construction Authorization Issuance: 56, 57
 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 NA feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 06/07/2018 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: Jeremy Randall PROPERTY LOCATION: Market St. (River rd. Sr 1418)
 Facility Type: 4BR DWMH 60'x27' New Expansion Repair SUBDIVISION: Captains Landing Blk 7 LOT # 44M, 45M
 Basement? Yes No Basement Fixtures? Yes No 56, 57
 Type of Wastewater System** At-Grade 25% Redo Sys. (Initial) Wastewater Flow: 480 GPD
 (See note below, if applicable)
Pump to 25% Red. Sys. (Repair) 12IN MAX

Installation Requirements/Conditions
 Septic Tank Size 1250 gallons Number of trenches 4
 Pump Tank Size _____ gallons Exact length of each trench 75 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6 inches (IMPORT)
 Maximum Trench Depth of: 12 inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)
 in all directions)

Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe
 Aggregate Depth: _____ inches above pipe
 Conditions: GIN Imported Soil Required in Septic Area _____ inches total
On Contour D-Box Equal Distribution Required

**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: 06/07/2018
ANDREW CURRIN Construction Authorization Expiration Date: 05/07/2023

HTE# 18-5-43805

Permit # 29949

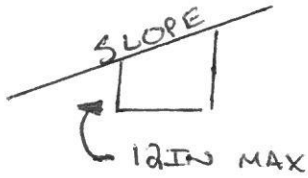
Harnett County Department of Public Health Site Sketch

ISSUED TO: Jeremy Randall

PROPERTY LOCATOR: Market Street (River Rd. Sn 148)
SUBDIVISION Captains Landing Blk 7 LOT # 44A, 45M
56, 57

Authorized State Agent: [Signature]

Date: 05/07/2018



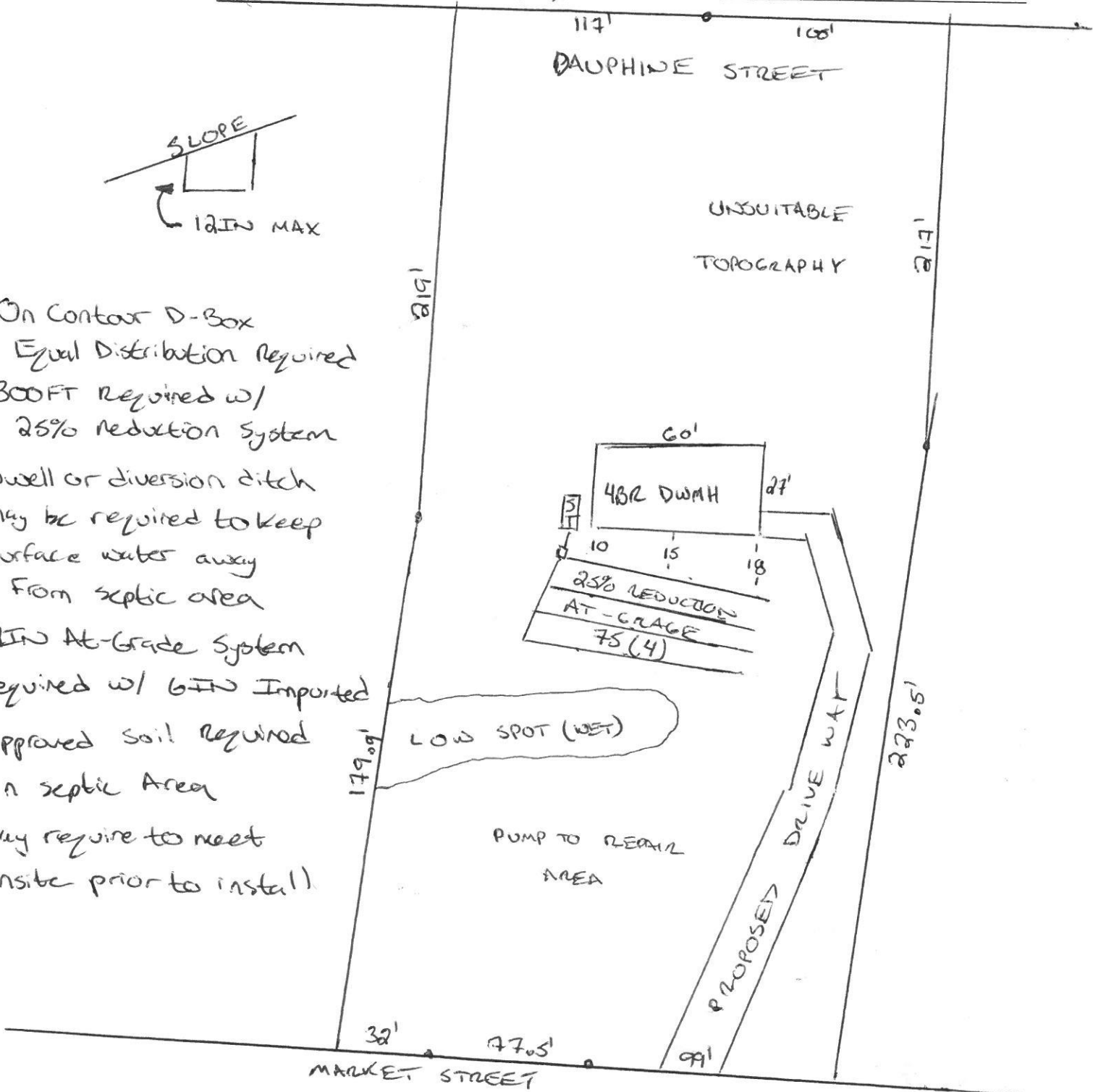
* On Contour D-Box
Equal Distribution Required

* 300FT Required w/
25% Reduction System

* Swell or diversion ditch
may be required to keep
surface water away
from septic area

* 12IN At-Grade System
required w/ 6IN Imported
Approved soil required
in septic Area

* May require to meet
onsite prior to install



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

Owner: — Applicant: Jeremy Randall
 Address: Captain's Landing Lot 2, 57 Date Evaluated: 05/01/2018
 Proposed Facility: 432 DWH Design Flow (.1949): 480 GPD Property Size: 2AC
 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	
1,2,3	L 6-8%	0-12	CL SL	VR 55% 1/2					
		12-26	OL SLL	VR 55% 1/2					U/PS
		27-41	Saprotite/ Parent Mat.			27			0.4
4,5	L 6-8%	0-12	CL SL	VR 55% 1/2					
		12-36	OL SLL	VR 55% 1/2					PS
		36-41	Saprotite/ Parent material			36			0.4
6,7	L 6-8%	0-12	CL SL	VR 55% 1/2					PS
		12-44	OL SLL	VR 55% 1/2	7.54 107/12 45'	44			0.4
* consistent w/ report by H. Owens.									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <u>Unsuitable/Provisionally Suitable</u>
System Type(s)	<u>250 MLD</u>	<u>250 MLD</u>	Evaluated By: <u>Andrew Curran, NEHS</u>
Site LTAR	<u>0.4</u>	<u>0.4</u>	Others Present: