

HTE# 17-5-42312

Harnett County Department of Public Health

29230

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Benjamin Lo Murray PROPERTY LOCATION: 1810 Matthew Rd. (SN 1436)
 NEW REPAIR EXPANSION SUBDIVISION _____ LOT # 2A
 Type of Structure: 432 68'x28' 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 _____ feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 10/03/2017 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: Benjamin Lo Murray PROPERTY LOCATION: 1810 Matthews Rd (SN 1436)
 SUBDIVISION _____ LOT # 2A

Facility Type: 432 68'x28' SFD 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% reduction sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>4</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>90</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>20</u> inches	36" above the trench bottom)
	(Trench bottoms shall be level to +/-1/4" in all directions)	
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: [Signature] Date: 10/03/2017
ANDREW WARIN Construction Authorization Expiration Date: 10/03/2022

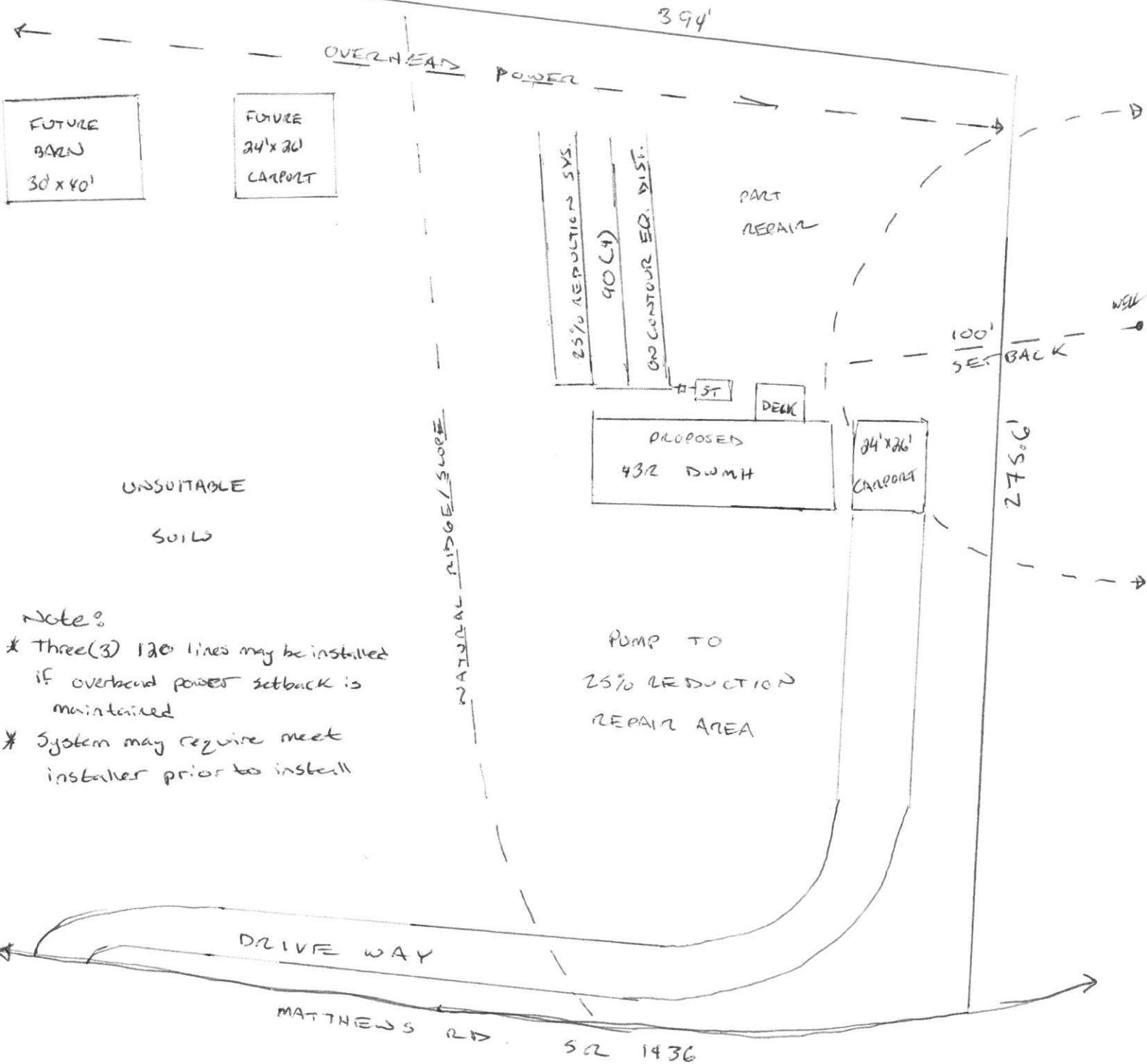
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Permit # 29230

Harnett County Department of Public Health Site Sketch

PROPERTY LOCATOR: 1810 Matthews Rd. (S2 N30)
ISSUED TO: Benjamin L. Murray SUBDIVISION _____ LOT # 2A

Authorized State Agent: *[Signature]* Date: 10/03/2017
ANDREW WRAN



Notes:

- * Three (3) 120 lines may be installed if overhead power setback is maintained
- * System may require meet installer prior to install

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

Owner: Applicant: Ben Murray
 Address: 1810 Matthews Rd. Date Evaluated: 10/02/2017
 Proposed Facility: 492 DWMT Design Flow (.1949): 480 GPD Property Size: 3.71 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	
1,2	L 2%	0-8	GR SL	VLA SPP 4/4					PS
		8-40	GR SLL/C	FA S P 4/4	7.5 YR 7/1 @ 38"	40+			0.35
3,4	L 2%	0-12	GR SL	VLA SPP 4/4					PS
		12-40	GR SLL/C	FA S P 4/4	7.5 YR 7/1 @ 36"	40+			0.35
5	L 1%	0-12	GR SL	VLA SPP 4/4					U
		12-18	GR SLL/C	FA S P 4/4	7.5 YR 7/1 @ 14"	18+			-
* Soil consistent w/ H. Owens, LSS Soil Report									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally Suitable
System Type(s)	25% Red	25% Red	Evaluated By: Andrew Curran, NEMHS
Site LTAR	0.35	0.35	Others Present: