

HTE# 18-5-43722

# Harnett County Department of Public Health

29944

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Daniel Johnson JACKSON (AIC) PROPERTY LOCATION: 205 Barclay Dr. (Langdon Rd. SR 1532)  
 SUBDIVISION Barclay S/D LOT # 26  
 NEW  REPAIR  EXPANSION   
 Type of Structure: 3BR 89'x58' STD Site Improvements required prior to Construction Authorization Issuance:  
 Proposed Wastewater System Type: 25% Reduction Sys.  
 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 NA feet Permit valid for:  Five years  
 Permit conditions:  No expiration  
IMPORT SOIL REQUIRED (GIN COVERED REQUIRED)

Authorized State Agent: [Signature] Date: 04/26/2018 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: Daniel Johnson PROPERTY LOCATION: 205 Barclay Dr. (Langdon Rd. SR 1532)  
 SUBDIVISION Barclay S/D LOT # 26  
 Facility Type: 3BR 89'x58' STD  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* At-Grade 25% Reduction System (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable   
Pump to 25% Red. Sys. (Repair)  
 Installation Requirements/Conditions  
 Septic Tank Size 1000 gallons Number of trenches 4  
 Pump Tank Size \_\_\_\_\_ gallons Exact length of each trench 70 feet Trench Spacing: 9 Feet on Center  
 Trenches shall be installed on contour at a Soil Cover: 6 inches (Imported)  
 Maximum Trench Depth of: 14 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 Aggregate Depth: NA inches below pipe  
 \_\_\_\_\_ inches above pipe  
 \_\_\_\_\_ inches total  
 Conditions: 1/4" IN TRENCH W/ GIN APPROVED SOIL  
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: 04/26/2018  
ANDREW CURRAN Construction Authorization Expiration Date: 04/26/2018+2023 (AIC)

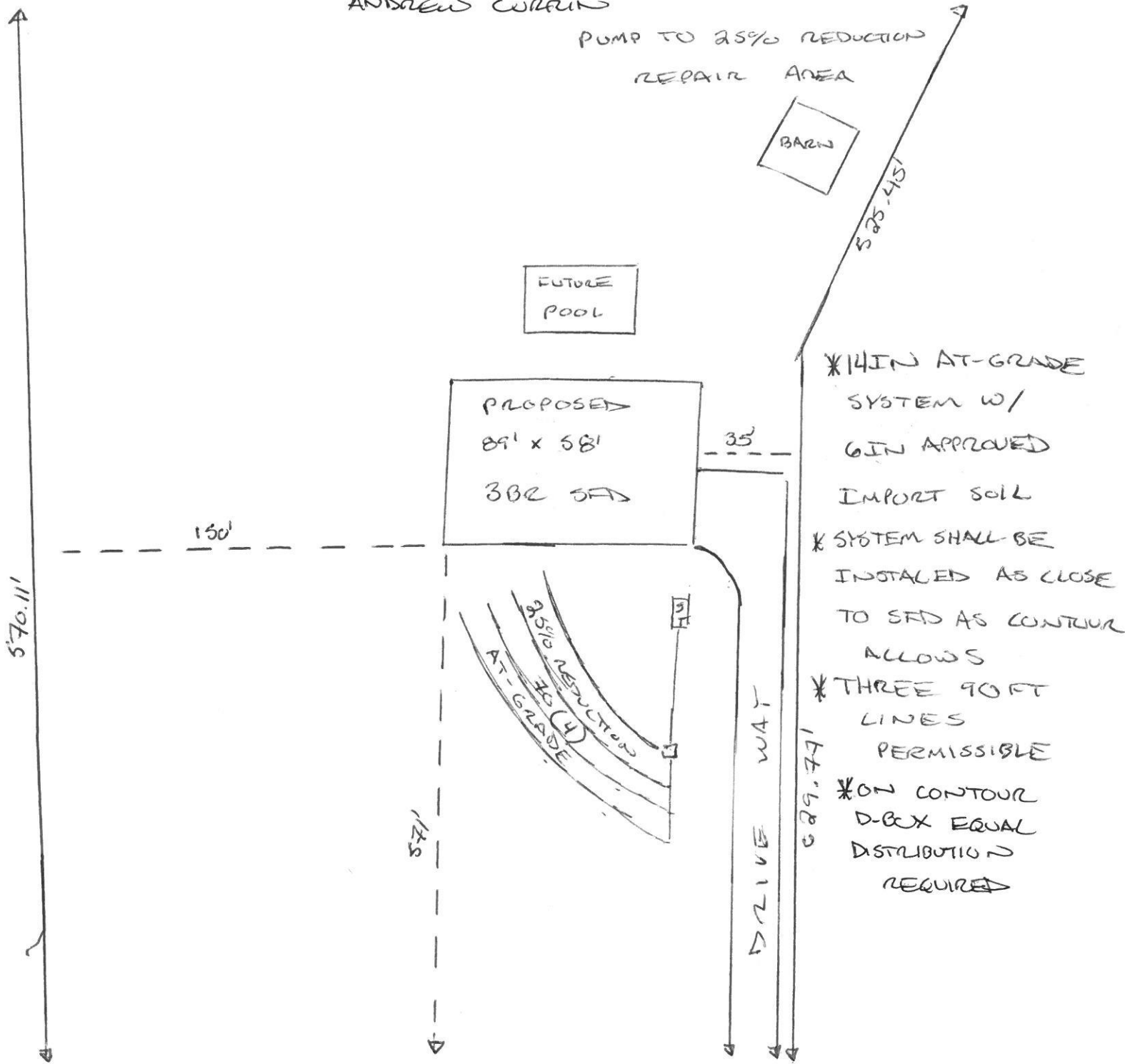
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# Harnett County Department of Public Health Site Sketch

ISSUED TO: Daniel Johnson      PROPERTY LOCATOR: 205 Barclay Dr. (Langdon Rd. SR 1532)  
SUBDIVISION Barclay S/D      LOT # 26

Authorized State Agent: Andrew Curran, NCS      Date: 04/26/2018  
ANDREW CURRAN



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

Owner: — Applicant: David Johnson  
 Address: Barclay St Ret 26 Date Evaluated: 04/26/2018  
 Proposed Facility: 382 SFS Design Flow (.1949): 360 GPD Property Size: 6666 sq ft  
 Location of Site: 382 SFS Property Recorded: SFS  
 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	
1,7 8,9	L 3-4%	0-24	CR LS	VR 55% clay					PS
		24-48	BR SLL	FR 51% clay			48		0.4
2,3	L 3-4%	0-6	CR LS	VR 55% clay					U/PS
		6-32	BR SLL	FR 51% clay	7.5 VL 41 @ 28"		32		0.35
4,5,6	L 3-4%	0-12	CR LS	VR 55% clay					PS
		12-40	BR SLL	FR 51% clay	2.5 VL 41 @ 36"		40		0.35

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

Unsuitable / Provisionally Suitable  
Andrew Curran, NELS