

11-5-27794
HTE# 11-5-27795

Harnett County Department of Public Health Improvement Permit

26775

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: Kirk Adams Rd.
 ISSUED TO: Srinivasa Badarinarayana SUBDIVISION Joe Langley LOT # 3
 NEW REPAIR EXPANSION
 Type of Structure: SFD 80x80 A SFD 40x40 B
 Proposed Wastewater System Type: Pump to 25% Reduction System
 Projected Daily Flow: 960 GPD
 Number of bedrooms: 5+3 extra Number of Occupants: 16 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 Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: Bruce McSwain REHS Date: 11/17/2011 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: Srinivasa Badarinarayana PROPERTY LOCATION: Kirk Adams Rd.
 SUBDIVISION Joe Langley LOT # 3
 Facility Type: SFD 80x80' SFD 40x40' New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** Pump to 25% Reduction System (Initial) Wastewater Flow: 960 GPD
 (See note below, if applicable)
Pump to 25% Reduction System (Repair)

Installation Requirements/Conditions
 Number of trenches 3
 Septic Tank Size 1250 gallons Exact length of each trench 180 feet Trench Spacing: 9 Feet on Center
 Pump Tank Size 1650 gallons min. Trenches shall be installed on contour at a Soil Cover: 6-8 inches
 Septic Tank 1000 gallons Maximum Trench Depth of: 18-20 inches (Maximum soil cover shall not exceed
 Pump Tank 1000 gallons (Trench bottoms shall be level to +1-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe
 Aggregate Depth: _____ inches above pipe
 Conditions: Septic Contractor to meet on site prior to installing system. _____ inches total
No driving of vehicles on septic drain field or repair 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: Bruce McSwain REHS Date: 11/17/2011
 Construction Authorization Expiration Date: 11/17/2016

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Harnett County Department of Public Health Site Sketch

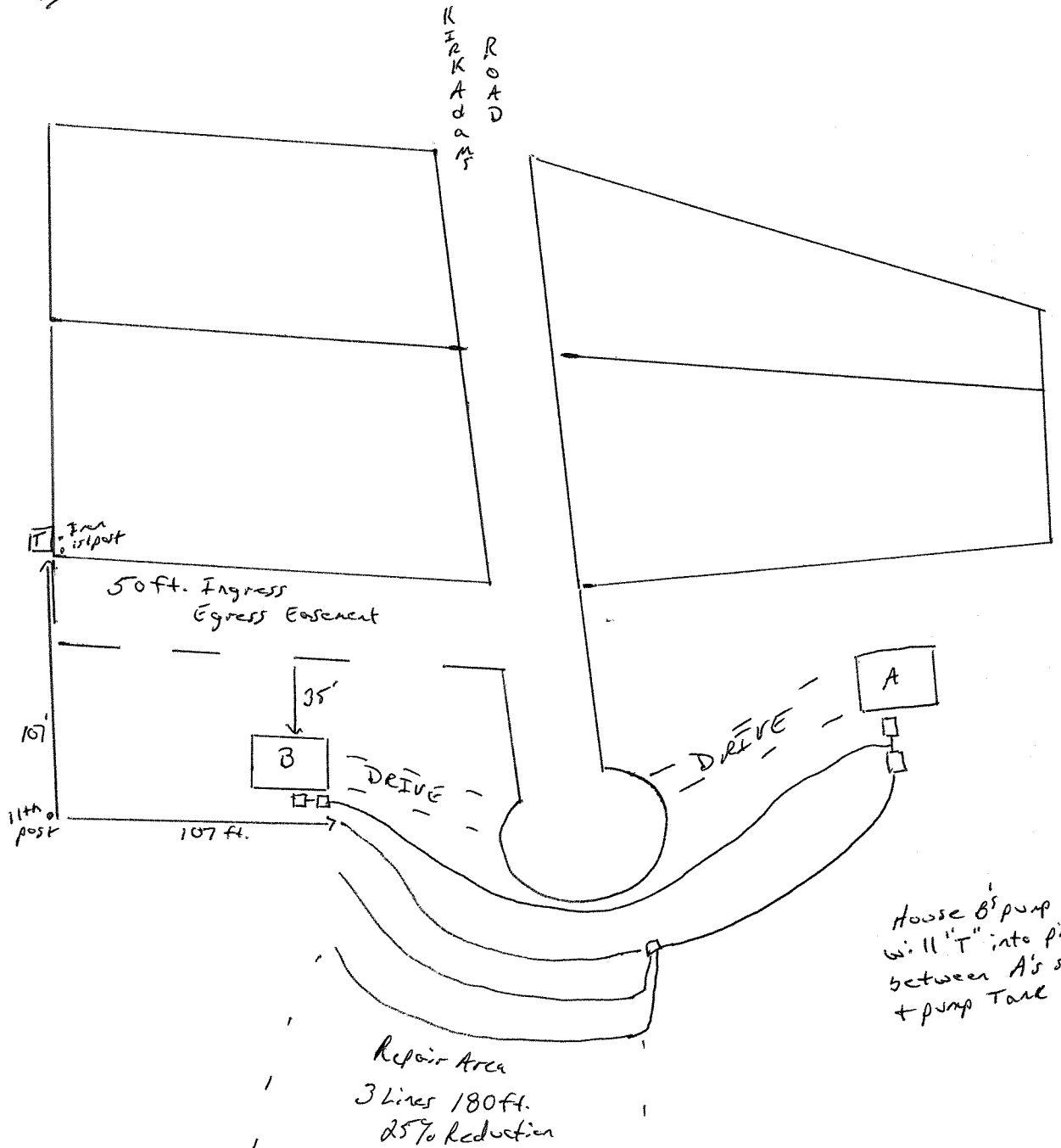
PROPERTY LOCATOR: Kirk Adam Rd.

ISSUED TO: Srinivasa Badarinarayana SUBDIVISION Joe Langley

LOT # 3

Authorized State Agent: *Buyer McJwin, REITS*

Date: 11/17/2011



*NOT TO SCALE

House B's pump line will "T" into pipe between A's septic + pump Tank

Repair Area
3 Lines 180 ft.
25% reduction

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

Owner: Applicant:
 Address: Date Evaluated: 11/5/2011
 Proposed Facility: Design Flow (.1949):
 Location of Site: Property Recorded: Well Property Size:
 Water Supply: Public Individual 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	
	W2.5%	G-10	G/LW	VF-NSNP					
	10-36	SBK/SC1	Fr-SSSP		10YR7/1 at 27"				PS-5
	0-42	G/LW	VF-NSNP		6" 10YR7/1				US
	0-8	G/SL	VF-NSNP						
	8-16	SBK/SC1	Fr-SSSP		10YR7/1 16"				US
	0-12	G/SL	VF-NSNP						
	18-48	SBK/SC1	Fr-SSSP						PS-45
	0-5	G/SL	VF-NSNP		10YR7/1 16"				US
	5-10	SBK/SC1	Fr-SSSP						
	0-24	G/SL	VF-NSNP						
	24-38	SBK/SC1	Fr-SSSP		10YR7/1 38"				PS-45

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: B.M. Others Present: OT, S.M.
Available Space (.1945)			
System Type(s)	25% Pump	25%	
Site LTAR	.45	.45	