

HTE# 07-5-188332

Harnett County Department of Public Health Improvement Permit

24901

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: RAM DEVELOPMENT PROPERTY LOCATION: _____
 NEW REPAIR EXPANSION SUBDIVISION: CAROLINA OAKS LOT # 32
 Type of Structure: SFD (52'x48') Site Improvements required prior to Construction Authorization Issuance: _____
 Proposed Wastewater System Type: 25% REDUCTION
 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 100 feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 6/10/08 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: RAM DEVELOPMENT PROPERTY LOCATION: _____
 SUBDIVISION: CAROLINA OAKS LOT # 32
 Facility Type: SFD (52'x48') New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% REDUCTION SYSTEM (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable)
PUMP TO 25% REDUCTION (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>1</u>	
Pump Tank Size _____ gallons	Exact length of each trench <u>200</u> feet	Trench Spacing: <u>9</u> Feet on Center
	Trenches shall be installed on contour at a	Soil Cover: <u>24</u> inches
	Maximum Trench Depth of: <u>36</u> 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: _____ inches below pipe
		_____ inches above pipe
Conditions: _____		_____ inches total

**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: 6/10/08
 Construction Authorization Expiration Date: 6/10/13

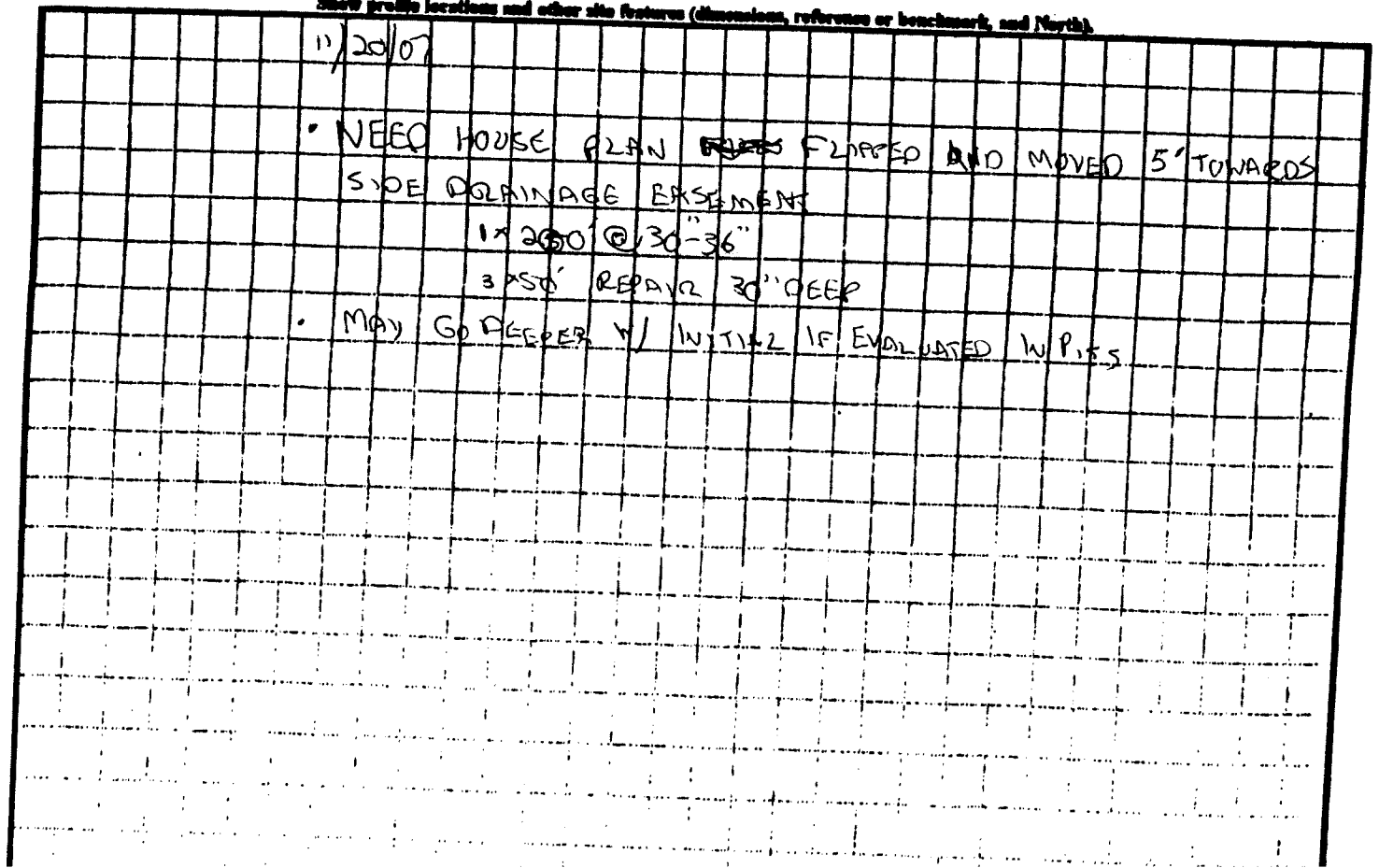
COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	I	S-SAND LS-LOAMY SAND	1.2-0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICK
	II	SL-SANDY LOAM L-LOAM	0.8-0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
	III	SI-SILT- SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM SICL-SILTY CLAY LOAM	0.6-0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICK P-PLASTIC VP-VERY PLASTIC
	IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY	0.4-0.1		

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).



Street:
 Property ID:
 Lot #:
 File #:
 Code:

SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM

Owner:

Applicant:

Address:

Date Evaluated:

Proposed Facility: 3 Bedroom

Design Flow (.1949): 360 gpd

Property Size:

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.)	.1944 Sapre Class	.1944 Rock Horiz	
1	LS 0-2%	0-10"	GL	VFR NS/MP					PS .2 DEEP ↓
		10-14"	SBK S2	FR SS/SP	FLOW LAYER				
		14-28"	GS	VFR NS/MP					
2		0-16"	GL	VFR NS/MP					PS ↓ .45
		16-39"	SBK C	FR S/P					
		39-49"	GS	VFR NS/MP					

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25 RLD	PIPED
Site LTAR	.45	.45

SEE NOTES ON BACK

Other Factors (.1948):

Site Classification (.1948):

Evaluated By: BT

Others Present: —