Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 1
PIN #:
Lot #: 1
Permit #: 210844
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: ROWLAND DEVELOPMENT
Applicant: SAME
Address: 262 OAK TREE RD.
Date Evaluated: 7/28/2015
Proposed Facility: SFR
Design Flow (.1949) 480
Property Size:
Location of Site: SAME
Property Recorded: NO
Water Supply: [X] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
PIT 1	LINEAR 3%	0-26	RC,M,SBK	SS	NA	26"	U	26"	.3 @ 0-26" U @ 26"+
		26+	ROCK SAP						
PIT 2	LINEAR 3%	0-8	SCL,M,SBK	SS	NA	48"	NA	48"+	.3
		8-48	RC,M,SBK	SS					
PIT 3	LINEAR 5%	0-20	SCL,W,SBK	SS	NA	48"	NA	48"+	.3
		20-48	RC,M,SBK	SS					
PIT 4	LINEAR 5%	0-19	SCL,M,SBK	SS	NA	48"	NA	48"+	.3
		19-48	RC,M,SBK	SS					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25% RED	PANEL BLOCK
Site LTAR	.3	.3

Other Factors (.1946): 14" TRENCH BOTTOM
Soil Evaluation By: BEN ALDRIDGE
Others Present: WILLIE CHRISTENBURY, GABE BARNHARDT
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: NONE

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SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM CONTINUED

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
AB 5	LINEAR 3%	0-38	RC,M,SBK	SS	NA	48"	NA	48"+	.3
		38-48	RCL,M,SBK	SS					

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # 210844

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4637613716

APPLICANT: Rowland Development APPLICANT ADDRESS: 2231 Hwy 152 E. China Grove

SITE ADDRESS: 262 Oak Tree Rd. PHONE: 704-506-0556 ALT. PHONE:

SITE DIRECTIONS: BSR TR Oak Tree, on R

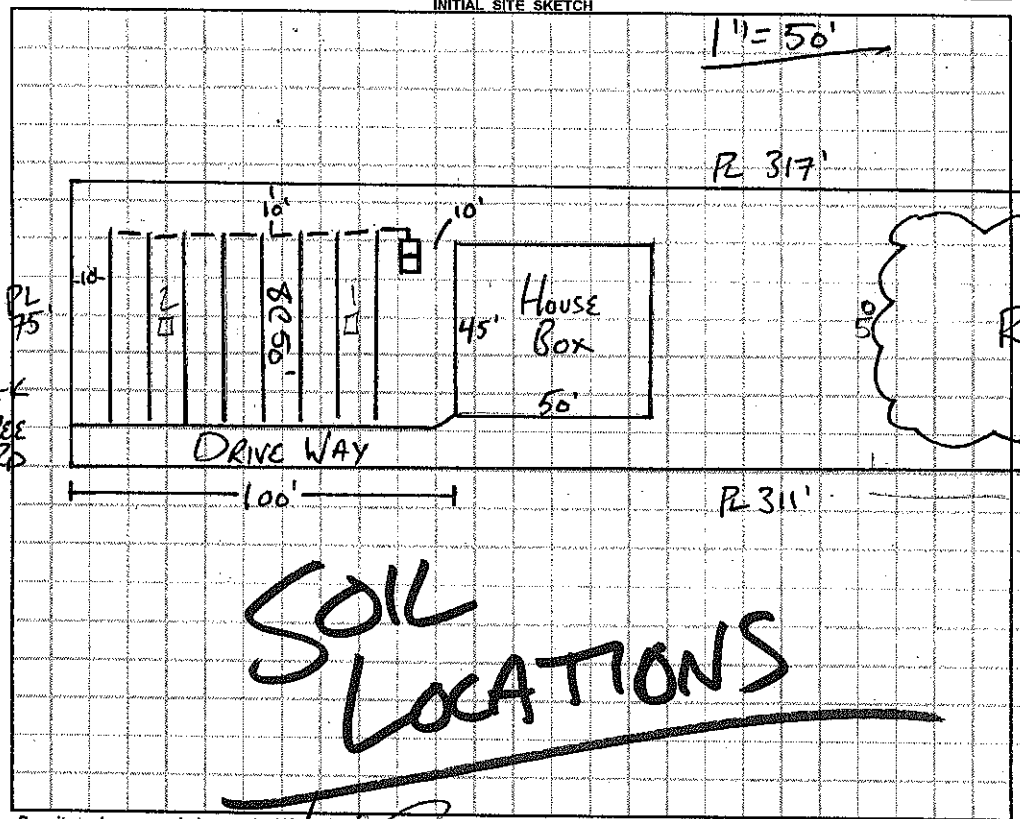
SUBDIVISION: Brand Oaks SECTION: LOT # 1 LOT AREA: .5AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank 1000 (gal)	STB 825	Date 1-8-2016	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank (gal)	PT	Date	System Description: 25% Reduction		☐ Business	No. Persons	☐ Private
Pump Make	Model	Serial #	Repair System Description: Panel Block		☐ Other	No. Employees	☒ Public
# Nitrification Fields 1	# Lines 8C50'	Linear Ft: 400'	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☒ Crawl Space	☐ Community
Trench Width 36"	Max. Trench Bottom Depth ~~14"~~	Gravel Depth —	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: *Min 4" of Type III or IV Soil Cover Required Over Drawfield*

Hold AC Until Lots Are Recorded
*Plat Received 9/1/15 LC
*House Proposed 5' Deeper Than Proposed House Box Should Be OK But House Cannot Shift Toward Street.

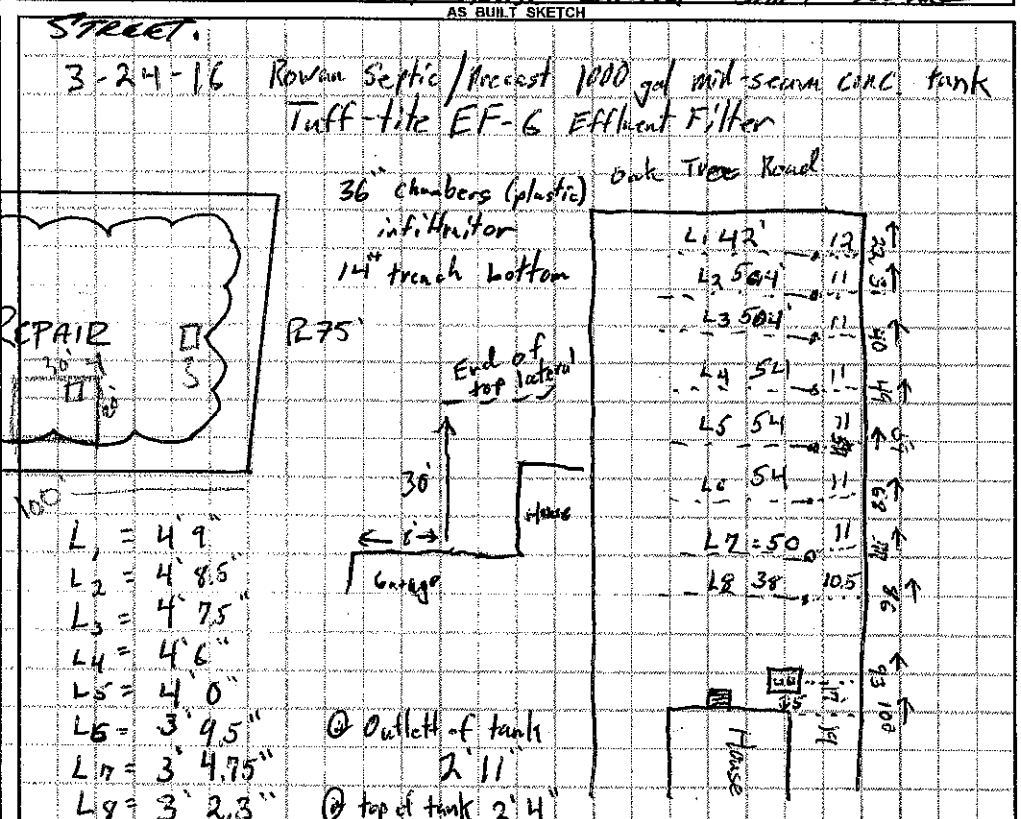
INITIAL SITE SKETCH



SOIL LOCATIONS

AS BUILT SKETCH

3-24-16 Rowan Septic / Precast 1000 gal mid-seam conc tank
Tuff-Tite EF-6 Effluent Filter



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 8/27/15 Installed by: Rowan Septic - Kevin Kirkpatrick

IMPROVEMENT PERMIT by: APPROVED Date: JUL 31 2015 OPERATION PERMIT by: Shawn Shuck Date: 3-24-16

AUTHORIZATION TO CONSTRUCT by: APPROVED Date: SEP 01 2015 Existing System Inspected by: Date: