

10108 SAW MILL RD

19940163

1/10/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

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

Sheet: 1 of 2
Property ID: 199-401-63
Lot #: 5
File #: 6474B
Code: 1

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Goreham Enterprises, LLC
Applicant: Lou Hanson
Address: 5504 Cannon Drive, Monroe, N. C. 28110
Date Evaluated: 5/12/06
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: 1.16a
Location of Site: 10108 Saw Mill Road
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.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	LS, 6	0-6	GR/CL	FR/SEXP/SS/SP	>50" TO SOIL WETNESS	50+	N/A	NONE	PS, IV
		6-50	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
2	"	0-4	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	"
		4-48	SBK/C	FI/SEXP/S/P					
3	LS, 8	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		3-48	SBK/C	FI/SEXP/S/P					
4	"	0-7	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		7-48	SBK/C	FI/SEXP/S/P					
5	"	0-13	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		13-48	SBK/C	FI/SEXP/S/P					

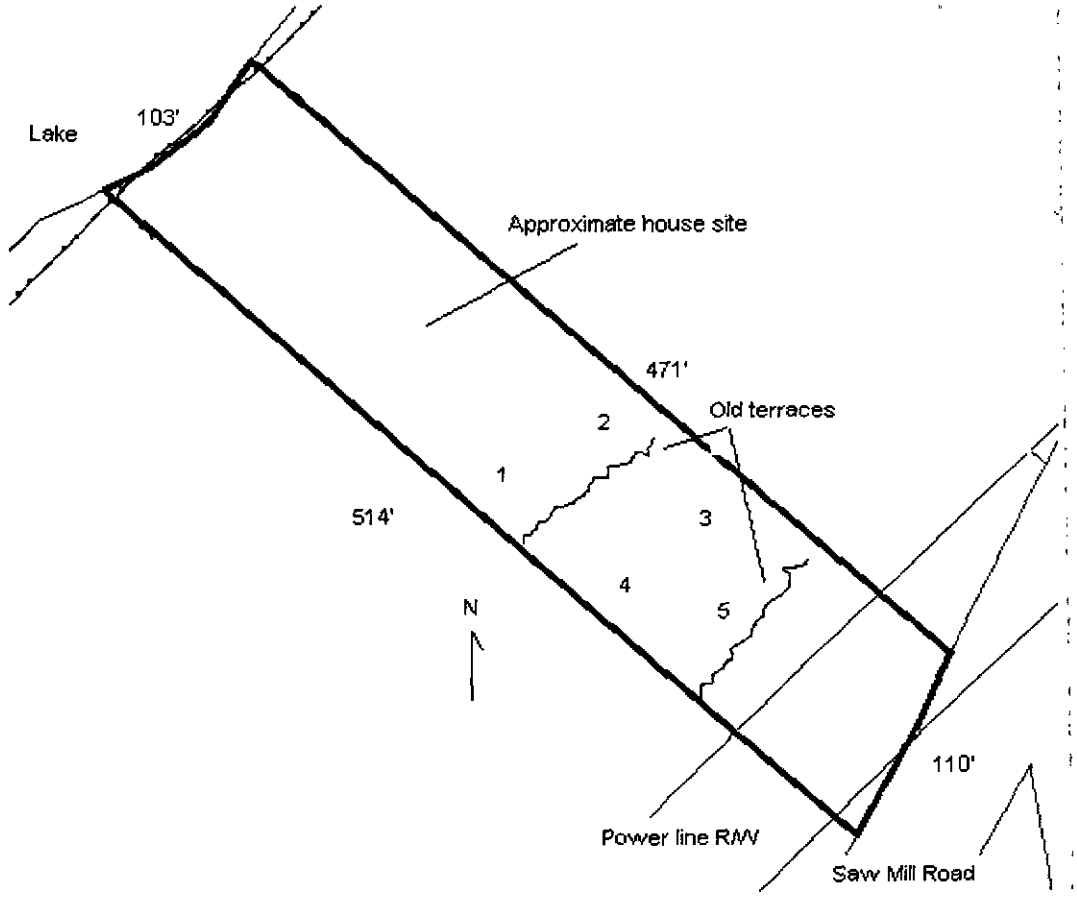
Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 5/12/2006, W. R. Marlin
Others Present:

COMMENTS:
100% repair, install system with soils as dry as possible

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	Sketch of Soil evalaution Locations
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	



Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30000758** GWS File #: **6474B** Tax Parcel #: **199-401-63**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 5/17/2011

Type of Installation: Residential - New System Lot Number: 5

Structure Type: HOUSE Size (ft^2): 3000 # Bedrooms: 4 # Occupants: 2

Building Foundation: Crawl Space Water Supply:

II. Initial System Type: Innovative or Experimental **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: Innovative or Experimental **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Distribution Box		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Zach Petersen Owner/Legal Agent: Lucille Hanson

Signature: Zach Petersen 5/17/06 Signature: Lucille HANSON

Print Name

Date Issued: 5/17/2006

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700 N. Tryon St, Suite 211 Charlotte, NC 28202
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Permit #: **30000758** GWS File #: **6474B**

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

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- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Zach Peterson

Signature: Zach Peterson EHRS

Date Issued: 5/17/2006

Owner/Legal Agent: Lucille Hanson
Print Name

Signature: Lucille Hanson

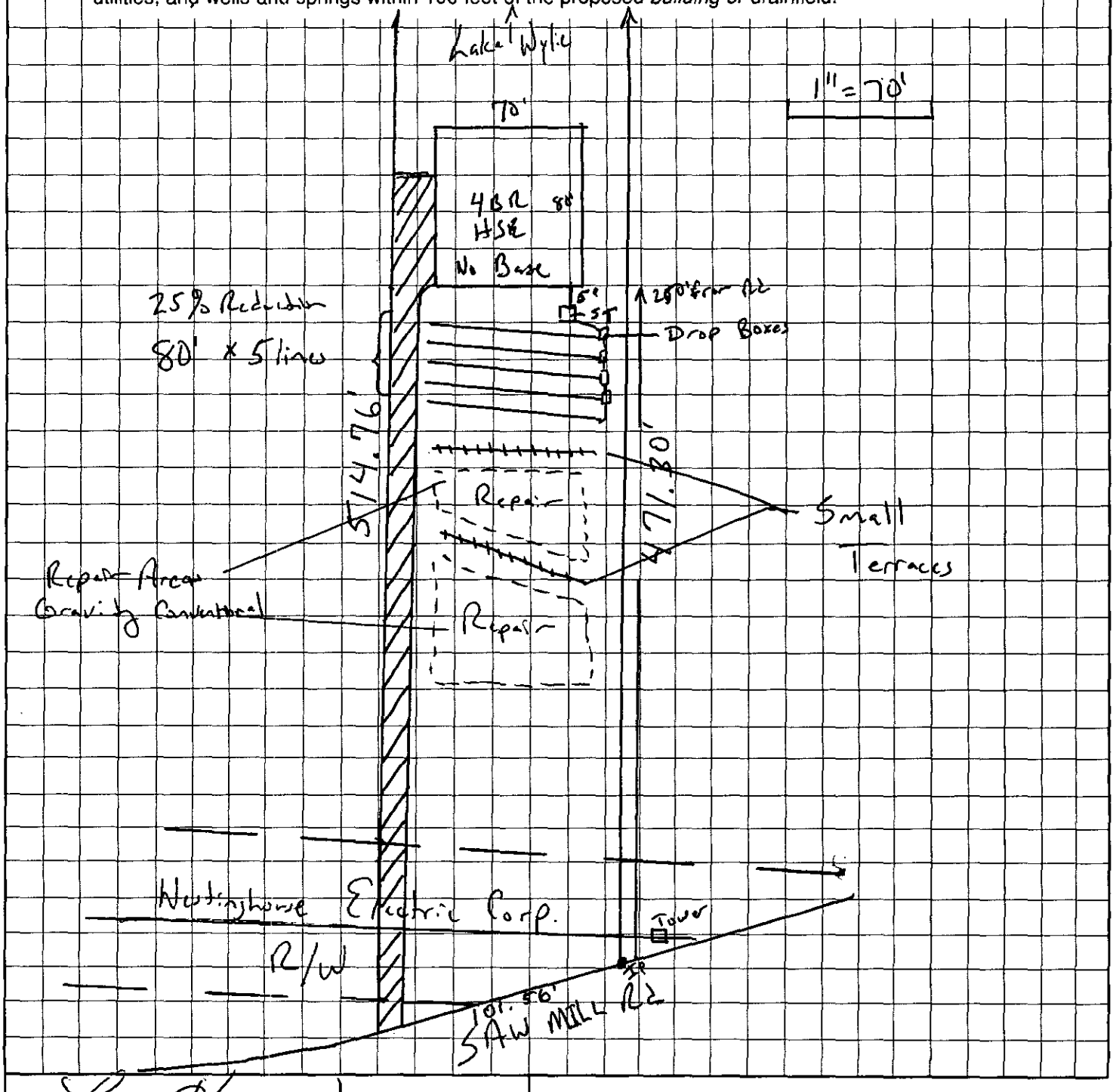
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 6474B

TC: 199-401-63

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



Lucille Duncan
OWNER/AGENT SIGNATURE

DATE 05/30/06

APPROVAL DATE _____

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

APR-21-2005 10:04 MECKLENBURG CO GWS 704 336 6894 P.02/05

ART 158

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

SEPTIC FEE: 200.00
DATE: 5/5/06
CRT [ ] Rod Collection

FILE # 64748

WELL FEE: _____
DATE: _____
CRT [ ]

SEPTIC / TYPE APPLICATION: ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION:
TAX/PARCEL #: 199-401-63
STREET ADDRESS: 10108 Saw Mill Rd
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 5
TOWNSHIP:
☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☑ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:
TYPE OF BUILDING:
☐ SINGLE MOBILE HOME (S) ☐ MODULAR HOME (M)
☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)
☑ HOUSE (H) ☐ OTHER
HEATED SQUARE FOOTAGE: 3000
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☑ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☑ NO TYPE:

WATER SUPPLY:
☒ MUNICIPAL (M) ☐ PUBLIC (C) ☐ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☑ YES	☐ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☑ NO

PROPERTY OWNER:
NAME: Goreham ENTERPRISES LLC
ADDRESS: 5504 CANNON DR
CITY: MONROE
STATE: ZIP: 28110
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: Lou HANSON
ADDRESS: 14114 PINE HARBOR Rd
CITY: Charlotte NC
STATE: ZIP: 28278
HOME PHONE: 704-458-3899 WORK PHONE: 803-831-5532
MOBILE PHONE: FAX: 803-831-9102

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? 06/15/05

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Lou Hanson 05/06/05
Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5103 / FAX: 704-336-6894

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

Sheet: 1 of 2
Property ID: 199-401-63
Lot #: 5
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for ON-SITE WASTEWATER SYSTEM

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Applicant: Lou Hanson
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Evaluation Method: [x] Auger Boring [ ] 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	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 6	0-6	GR/CL	FR/SEXP/SS/SP	>50" TO SOIL WETNESS	50+	N/A	NONE	PS, IV
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2	"	0-4	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	"
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3	LS, 8	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
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4	"	0-7	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		7-48	SBK/C	FI/SEXP/S/P					
5	"	0-13	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		13-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

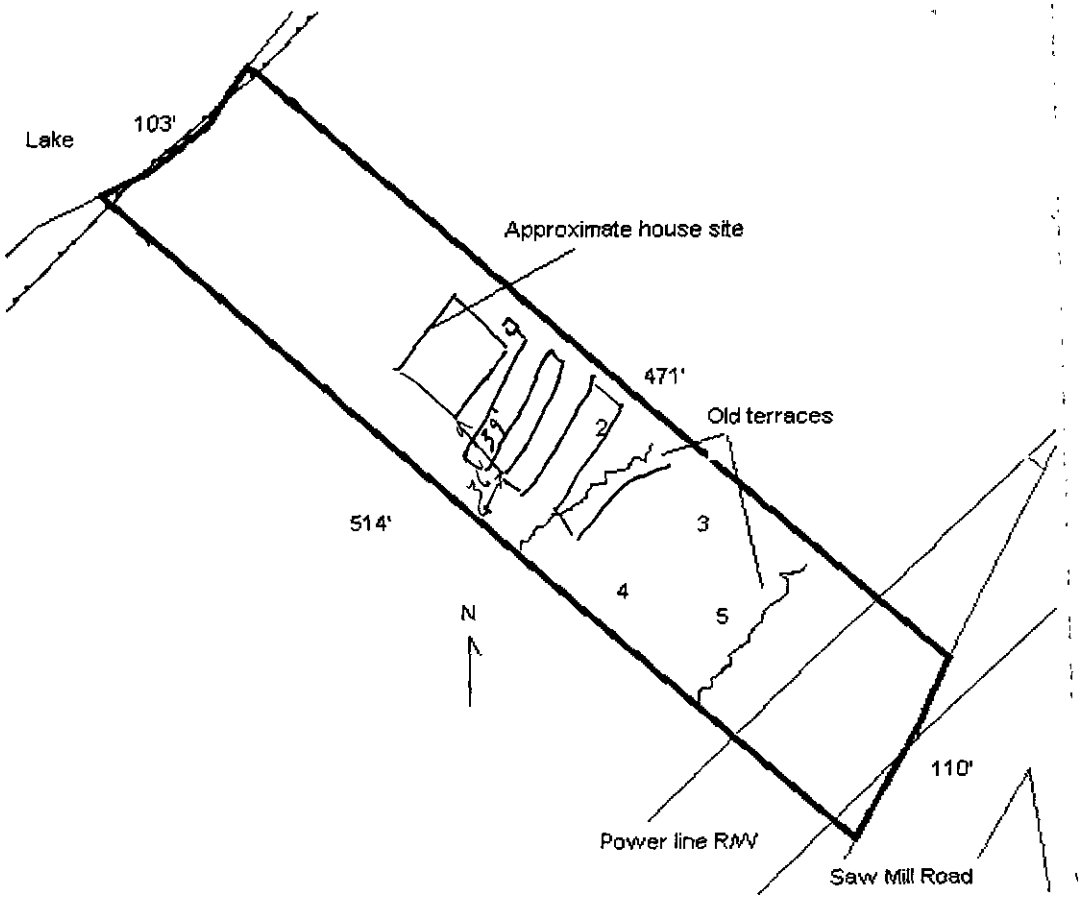
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 5/12/2006 W. R. Marlin
Others Present:

COMMENTS:

100% repair, install system with soils as dry as possible

Landscape Position	Group	Texture	.1955 LTAR	Structure
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VFI-Very Firm	VS-Very Sticky	Sketch of Soil evalaution Locations
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	



MECKLENBURG COUNTY LAND USE AND ENVIRONMENTAL SERVICES

MISCELLANEOUS FEES

Requestor: L. Hinson	Phone #	Date 5-5-06
Account Name:		Account #

I certify that I am authorized to charge this account for this service.

Signature: Printed Name: Date:

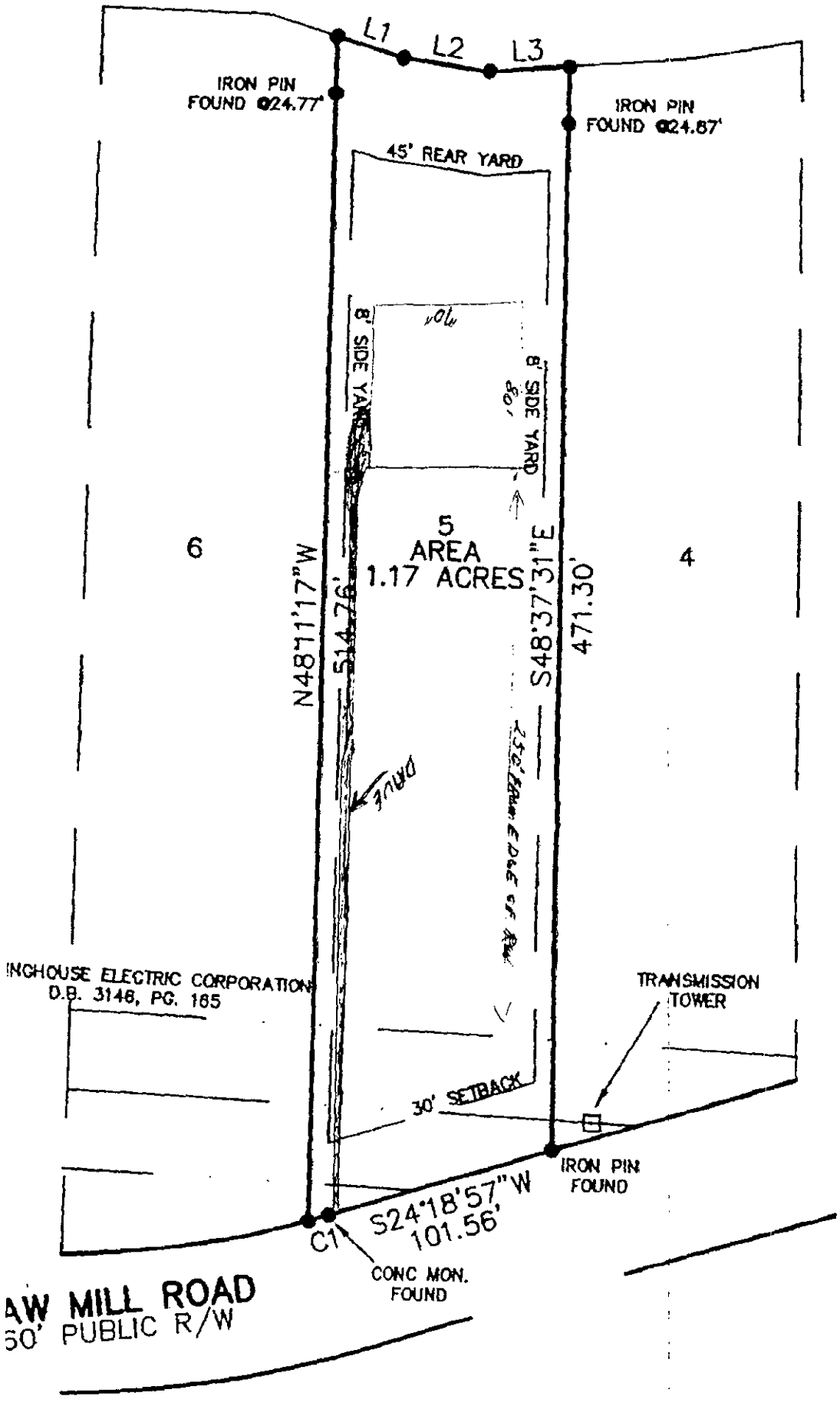
TC	Qty	Type	Unit Cost	Total Cost
		DEVELOPMENT ACTIVITIES ☐ 0002: Comm Drainage PR ☐ 0003: Driveway Pmt ☐ 0005: Erosion Control PR ☐ 0006: Final Plan Rev ☐ 0013: LD Stds Manual ☐ 0016: Subdivision PR ☐ 0025: LD Plans & Specs ☐ 0027: LD Plan Rev ☐ 0040: Erosion Control Cert		
		MAP SALES ☐ 0001: Aerial ☐ 0018: Topo ☐ 0019: Wetlands ☐ 0028: Zoning ☐ 0031: Digital Topo ☐ 0036: Digital Planimetric ☐ 0037: Plotting ☐ *0038: Hrly GIS* ☐ 0039: Misc Map/Copy ☐ 0041: Deld CD ☐ 0043: Deld CD Dix ☐ *0044: Ortho Photo CD*		
		STORM WATER ACTIVITIES ☐ 0007: Floodway Map ☐ 0014: Storm Water Manual ☐ 0008: Floodway Reg ☐ 0024: Storm Water Plans & Specs		
		LAND DEVELOPMENT CASH BONDS ☐ 0029: Commercial ☐ 0030: Residential Project _____		
		ZONING ACTIVITIES ☐ 0112: Residential Variance Request ☐ 0112: Commercial Variance Request ☐ 0140: Campaign Bond ☐ 0112: Residential Interpretation ☐ 0112: Commercial Interpretation		
0113		Zoning Citation(S) # _____		
		☐ 0117: Cert of Compliance ☐ 0118: Cert of Occupancy* (orig is free)		
0121		*Letters of Certification/Verification*		
0124		Research & Retrieval of Documents		
0125		Temp Utilities/Occupancy*		
		LOCAL LICENSE CARD/EXAM ☐ 0128: Mechanical ☐ 0129: Residential ☐ 0132: Electrical		
0141		3rd Party Inspection Services		
		PLAN REVIEW SERVICES ☐ 0134: Express PR ☐ 0135: Plan Submittal ☐ 0136: 3rd PR ☐ 0142: 4th PR ☐ 0143: 5th PR ☐ *0145: 25% Deposit* ☐ 0151: Express Appl Fee ☐ 0152: Express Rev-Upfit ☐ 0153: Express Rev-New ☐ *0154: Day Care Rev*		
		COUNTY FIRE ACTIVITIES ☐ 0203: Hydrant Flow Test ☐ *0204: Fire Code Violation* ☐ *0206: Misc Charges*		
0425		City of Charlotte Fire Plan Review FF#_____ Project #_____		
		CITY ENGINEERING DEVELOPMENT ACTIVITIES ☐ 0601: Comm Site Insp $ _____ ☐ 0602: Comm Driveway $ _____ ☐ 0605: Tree Landscape Rev $ _____ ☐ 0606: Tree Preserv Pln $ _____ ☐ 0608: Comm Drain PR $ _____ ☐ 0609: Erosion Ctl PR $ _____		
0701		Other: Sewer / Septic	200	
		Other:		
		Other:		

Cash?		Check?	Charge?			TOTAL COMPILED BY:	
Yes	No	#	Visa	MC	Acct	TOTAL RECEIVED	

*Please list all permit numbers/addresses/project names, etc that relate to your request. A request for temporary utilities (gas and electric) would require two permit numbers.

DIVISION

LAKE WYLIE

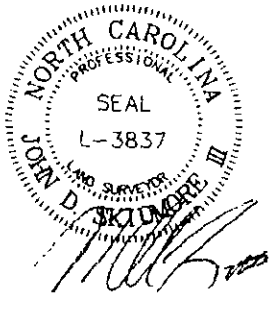


05/19/2006 08:06 7045882373 JOJ HENSON PAGE 02

LINE TABLE		
LINE	LENGTH	BEARING
L1	30.29'	N58°23'00"E
L2	38.45'	N49°05'00"E
L3	34.97'	N36°27'01"E

CURVE TABLE				
CURVE	LENGTH	RADIUS	DIRECTION	CHORD
C1	9.14'	411.40'	S24°36'09"W	9.14'

PARCEL # 19940163



BOUNDRY SURVEY		
10108 SAW MILL ROAD LOT 5 SAW MILL POINTE STEELE CREEK TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA	MAY 5, 2006	D.B. PG.
	TAX No.	DRAWN BY: JDS
	MAP BOOK 24 PAGE 698	DRAWING 06-133
TO BE DEEDED TO: WILLIAM MOORE	SKIDMORE SURVEYING, IN 5343 HIGHWAY 74 WEST MONROE, N.C. 704-289-4855	