FEE: 200.00
DATE: 1.18.05
USB eCheck 795

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

#12163

[ ] CRT

TYPE APPLICATION: [X] NEW SYSTEM [ ] EXPANSION/ ALTERATION OF EXISTING SYSTEM [ ] REPAIR OF EXISTING SYSTEM

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

FILE #: 5814B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 00315618 PQ

STREET ADDRESS: 235 Grey Rd.

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TYPE OF BUILDING (CHECK ONE):

- [ ] SINGLE MOBILE HOME(S)
- [ ] DOUBLE WIDE (D)
- [✓] HOUSE (H)
- [ ] MODULAR HOME (M)
- [ ] MULTIPLE FAMILY (U)
- [ ] OTHER (O)

TOWNSHIP (CHECK ONE):

- [ ] 0 MECKLENBURG
- [ ] 1 CHARLOTTE
- [X] 2 DAVIDSON
- [ ] 3 CORNELIUS
- [ ] 4 PINEVILLE
- [ ] 5 MATTHEWS
- [ ] 6 HUNTERSVILLE
- [ ] 7 MINT HILL

CLOSING DATE_____

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS:

NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

- [ ] WITHOUT BASEMENT
- [ ] ON SLAB
- [ ] CRAWL SPACE
- [ ] WITH BASEMENT /PLUMBING
- [ ] WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: [ ] YES [✓] NO TYPE: _____

WATER SUPPLY (CHECK ONE):

- [ ] COMMUNITY (C)
- [✓] MUNICIPAL (M)
- [ ] PRIVATE WELL (P)
- [ ] SHARED WELL (S)
- [ ] OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	[ ] YES [X] NO	WELL, SPRINGS OR WATERLINES	[ ] YES [X] NO
EXISTING WASTEWATER SYSTEMS	[ ] YES [X] NO	DESIGNATED WETLANDS	[ ] YES [X] NO
EASTMENTS OR RIGHT-OF-WAYS	[ ] YES [X] NO		

PROPERTY OWNER:

NAME: (LAST) Platner (FIRST) Christopher (MI) K

ADDRESS: 231 Grey Rd (Mailing: P.O. Box 1138)

CITY: Davidson STATE: NC ZIP: 28036

DAYTIME PHONE: (704) 987 - 2116

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 9/10/2003

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 agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Christopher K Platner DATE: 1/7/05

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

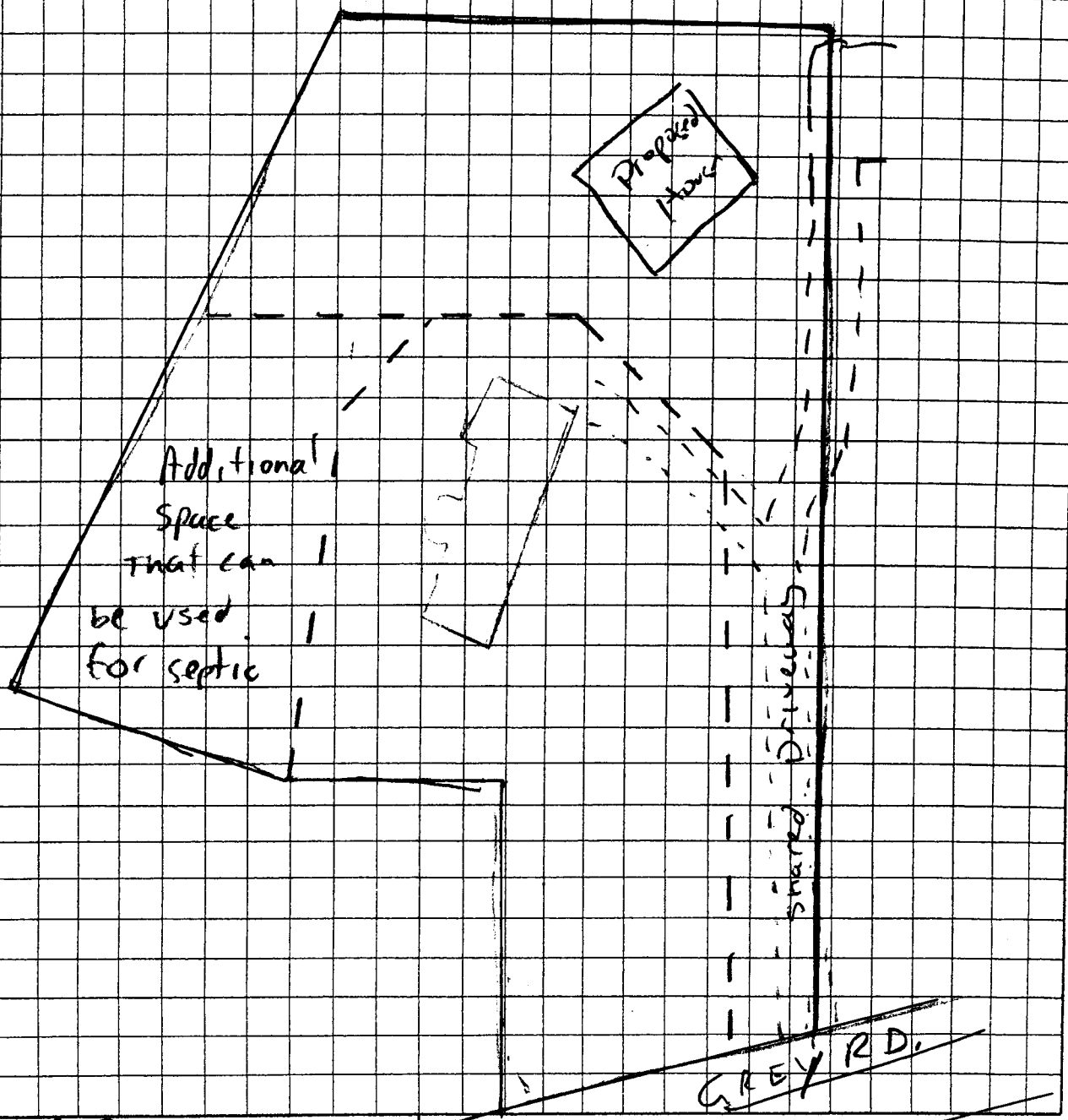
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5814B

TC: 0035618

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.



OWNER/AGENT SIGNATURE

DATE 1-18-04

APPROVAL DATE

lot subdivision

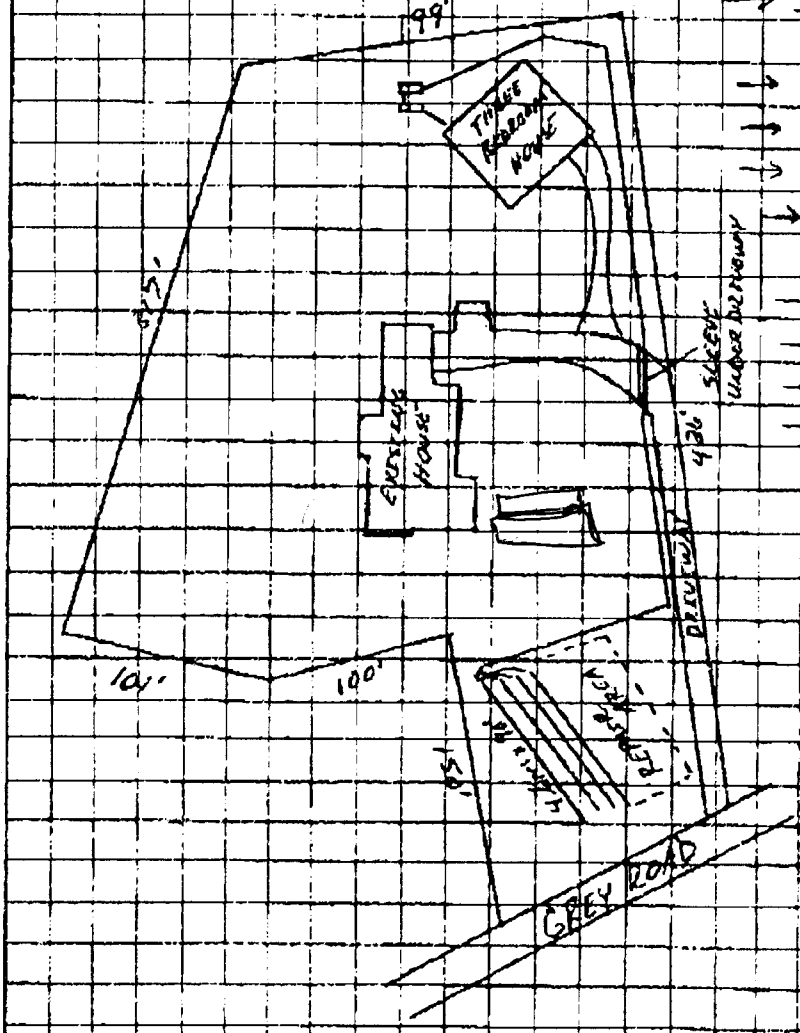
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 58148

TC: 003-156-18 PO

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.



COMMENTS

→ System designed for three Bedroom House
→ 0.25 GPM
→ Distance of lines 80' x 3'
→ 360 TLF
→ Type III Pump To Elevation System & Repair
→ 85% Reduction System
→ 1500 Gallon Septic Tank
→ 1000 Gallon Pump Tank
→ Pressure Manifold

OWNER/AGENT SIGNATURE Clifton L. Shields

DATE 8/3/05

APPROVAL DATE Tammy Meeks R.S. 2/11/05

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

SIMPA SHAVO 15'

704-201-7950

PROPOSED PLOT PLAN

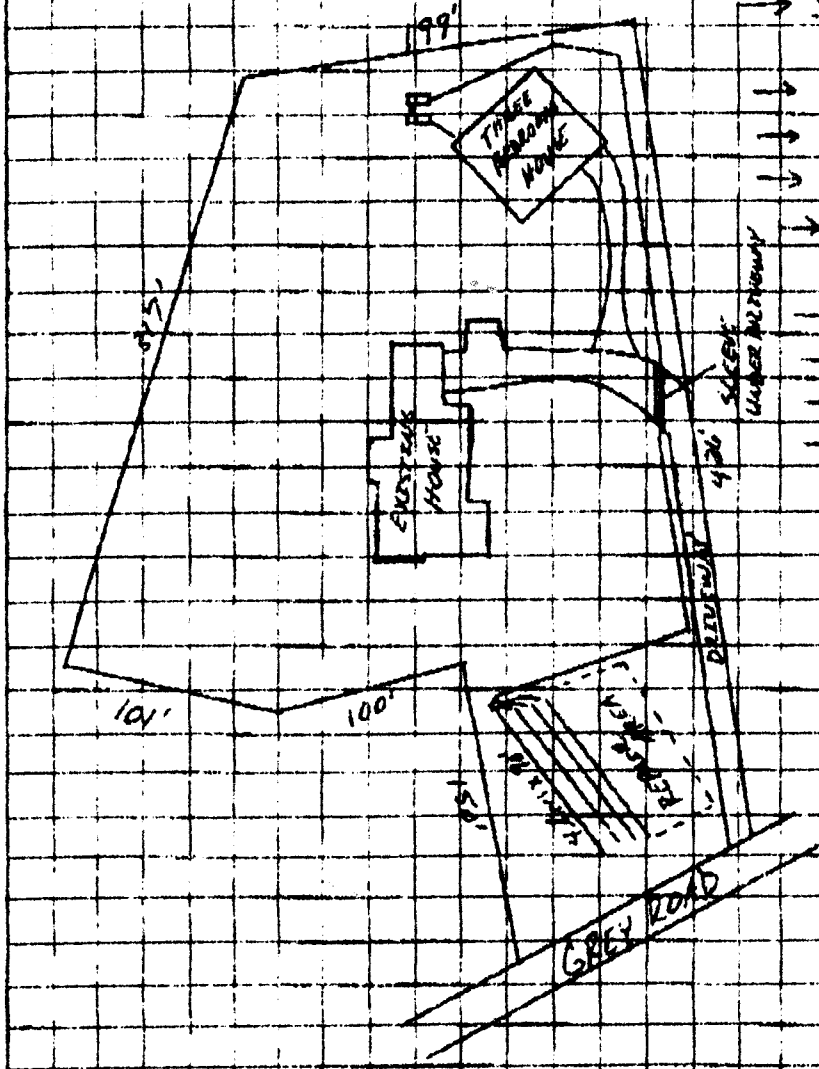
150 ft x 118

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 58148

TC: 003 156 18 PO

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.



COMMENTS:

→ System designed for Three Bedroom House
→ 0.25 GPM
→ Trench 4 lines x 90' x 3'
→ 360 TLF
→ Type III b Pump To Innovative System & Repair
→ 85% Reduction System
→ 1500 Gallon Septic Tank
→ 1000 Gallon Pump Tank
→ Pressure Manifold

OWNER/AGENT SIGNATURE

DATE 6/3/05

APPROVAL DATE 7/11/05 Tommy Mecks R.S.

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

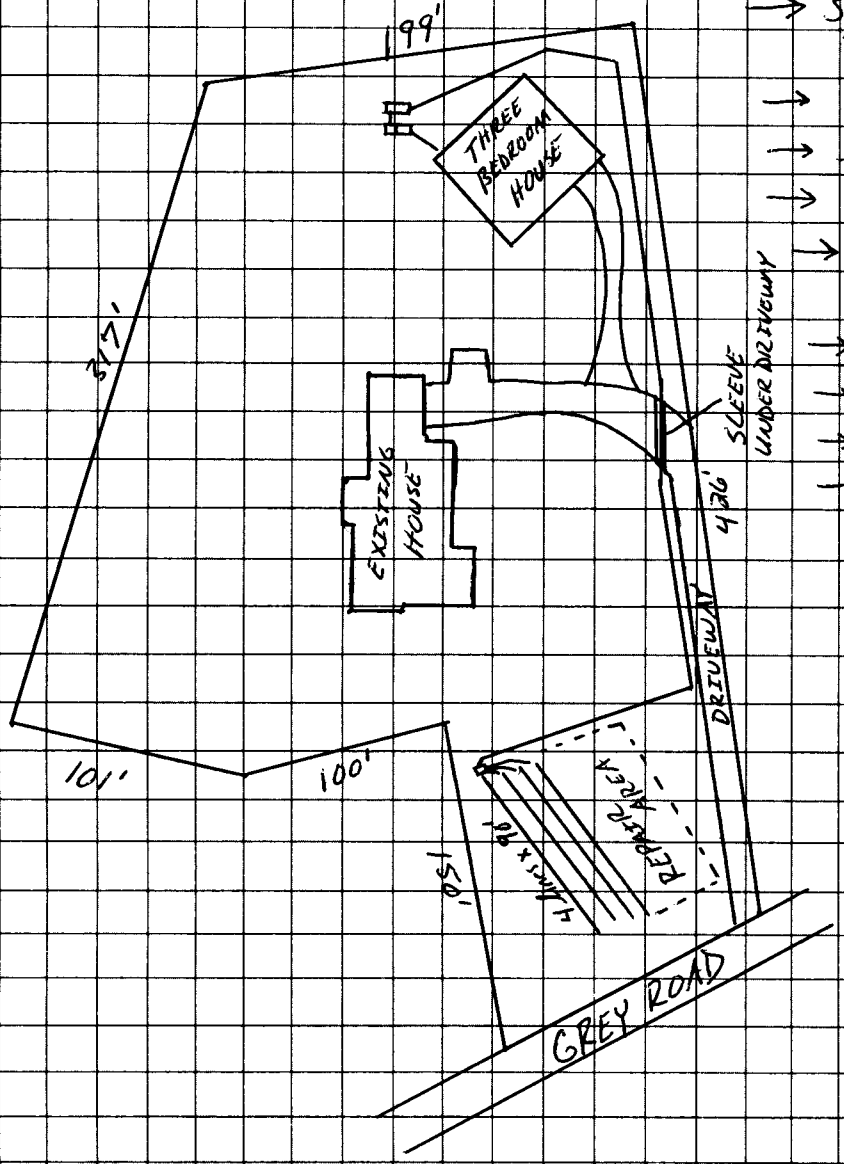
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 58148

TC: 003-156-18 PO

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.



COMMENTS:

→ System designed for Three Bedroom House
→ 0.25 LTAR
→ Install 4 lines x 90' x 3'
→ 360 TLF
→ Type III b Pump To Innovative System & Repair
→ 25% Reduction System
→ 1500 Gallon Septic Tank
→ 1000 Gallon Pump Tank
→ Pressure Manifold

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE Tommy Mick R.S. 2/11/05

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	01/18/05	**Amount:**	200.00
Receipt #:	30764	**Tendered:**	200.00
Check / Auth #:	ECHECK 211	**Returned:**	0.00
Received By:	DAUGHVB		

Account Information

Account #: 200000
Contractor: PLATTNER, CHRISTOPHER
Attn:
Address: 507 ASHBY DR
Address:
City/State/Zip: DAVIDSON, NC 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 231 GREY RD		1	200.00	200.00

MECK CTY LOUISA N SATELI
18335 OLD STATESVILLE RD
CORNELIUS, NC 28078

JAN 18, 2005 12:27PM

MERCHANT ID
947-012368-10

REF # : 001
MICR : **********0795
ID: DL : NC-29549107

CHECK AMT : $ 200.00

AUTH NUM 211-024

I AUTHORIZE THE MERCHANT TO CONVERT MY CHECK TO AN ELECTRONIC FUNDS TRANSFER OR PAPER DRAFT, AND TO DEBIT MY ACCOUNT FOR THE AMOUNT OF THE TRANSACTION. IN THE EVENT THAT MY DRAFT OR EFT IS RETURNED UNPAID, I AGREE THAT A FEE OF $ 25.00 OR AS ALLOWABLE BY LAW MAY BE CHARGED TO MY ACCOUNT VIA DRAFT OR EFT.

X _____
SIGNATURE

MERCHANT COPY

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	08/03/05	**Amount:**	150.00
Receipt #:	36240	**Tendered:**	0.00
Check / Auth #:	VISA 033918	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #:	200000
Contractor:	PLATTNER CHRISTOPHER
Attn:	
Address:	P.O. BOX 1138
Address:	
City/State/Zip:	DAVIDSON, NC 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 231 GREY ROAD		1	150.00	150.00

----------**Outstanding Balances**----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	08/03/05	**Amount:**	150.00
Receipt #:	36239	**Tendered:**	0.00
Check / Auth #:	VISA 033918	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: 200000
Contractor: PLATTNER CHRISTOPHER
Attn:
Address: P.O. BOX 1138
Address:
City/State/Zip: DAVIDSON, NC 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Installation/Final Approval 231 GREY ROAD		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

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

ACS

Sheet: 1 of 2
Property ID: PO 003-156-18
Lot #:
File #: 5814B
Code: 1

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Christopher K. Plattner
Applicant:
Address: 231 Grey Road, Davidson, N. C., 28036
Date Evaluated: 1/27/2005
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .75a inv.
Location of Site: Grey Road
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] 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	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-7	GR/SCL	FR/SEXP/SS/SP	2.5Y7/1@38"	48	N/A	NONE	PS, IV .25GPD/FT^2
		7-17	SBK/CL	"					
		17-47	SBK/ABK/C	FI/SEXP/S/P					
2	"	0-4	GR/SCL	FR/SEXP/SS/SP	2.5Y7/2@40"	47	"	"	"
		4-14	SBK/SCL	"					
		14-33	SBK/SC	FI/SEXP/S/P					
		33-48	SBK/SCL	FR/SEXP/SS/SP					
3	"	0-11	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	"
		11-20	SBK/SCL	"					
		20-36	SBK/C	FI/SEXP/S/P					
		36-48	SBK/CL	FR/SEXP/SS/SP					
4	"	0-10	GR/SCL	"	"	"	"	"	"
		10-36	SBK/SC	FI/SEXP/S/P					
		36-48	SBK/SCL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.25GPD/FT^2	.25GPD/FT^2

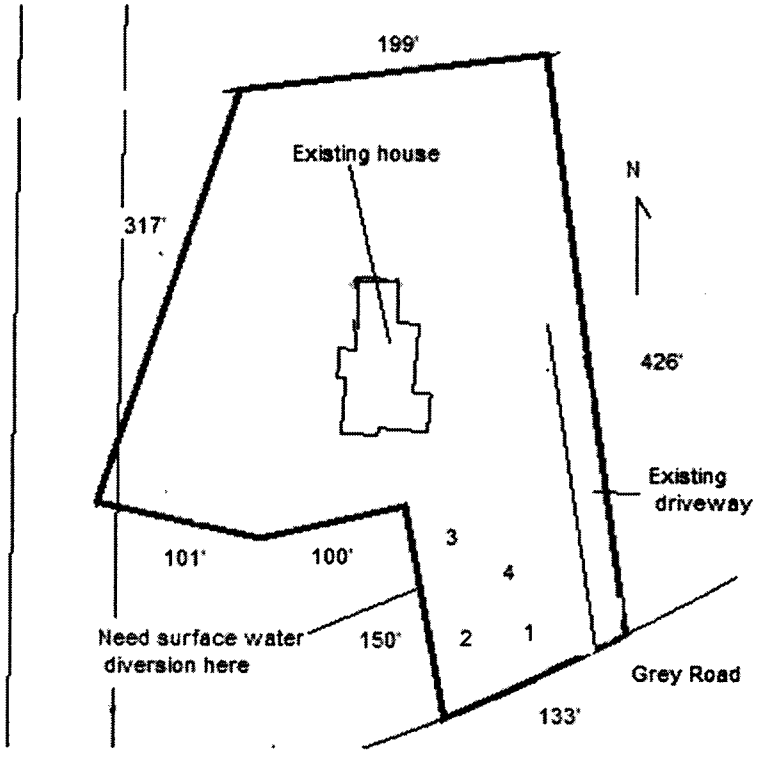
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 1/31/2005. W. R. Marlin
Others Present: J. Michelone, W. Overby, K. Plattner

COMMENTS:
100% repair, use surface water diversion above drainfield

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-Foot 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		CL-Clay Loam		
FP-Flood Plain		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	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION

Permit Number: **58148** Tax Number: **00316618PO**

- The 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.

Basement: ☒ Yes ☐ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.25 Long-term acceptance rate (GPD/ft^2)	360 Max gallons/day wastewater flow	1080 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1800 Gallon septic tank	360 Total trench length (ft)	30 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
2 Bedrooms in residence	1000 Gallon pump tank	NA Depth of stone (in)	

Any surface water present: NO Type: Minimum separation distance (ft):

Additional conditions:

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1080 Absorption Area (ft^2) 360 Total trench length (ft)	NA Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	30 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment and Disposal Systems in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

DENR Authorized Agent — Date: 8/11/05

Owner/Agent Signature — Date: 8/3/05

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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

IWWS-100196

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **5814B** Tax Number: **00315618PO**

- The 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.

Basement: ☒ Yes ☐ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.25 Long-term acceptance rate (GPD/ft^2)	**360** Max gallons/day wastewater flow	**1080** Absorption Area (ft^2)	**9** Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	**1500** Gallon septic tank	**360** Total trench length (ft)	**30** Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
3 Bedrooms in residence	**1000** Gallon pump tank	**NA** Depth of stone (in)	

Any surface water present: **NO** Type: Minimum separation distance (ft):

Additional conditions:

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1080 Absorption Area (ft^2) **360** Total trench length (ft)	**NA** Depth of stone (in)	**9** Trench spacing (min. on centers) (ft)	**30** Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

Jimmy Michael R.S. 2/11/05

DENR Authorized Agent Date

Owner/Agent Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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

FEE: $300.00 V.W. V.W.
DATE: 8/3/05 AC 033918

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

AC4
LD 148380

PERMIT NUMBER: 5814B
PARCEL NUMBER: 00315618 PO

JOB LOCATION ADDRESS: 235 Grey Road
PROPERTY OWNER: Christopher K. Plattner
BUILDING CONTRACTOR: Christopher K. Plattner
SUBDIVISION NAME: NA
AUTHORIZATION ISSUED BY: Jeremy Michelone, R.S. DATE: 02/11/05

Jeremy Michelone, R.S.
DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 5814B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.

5. OTHER CONDITIONS:

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

INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5814B Permit #: _____ Tax Parcel #: 003-156-18 PO

Property Owner: Karl Plattner

Job Location Address: 235 Grey Rd.

City: Davidson State: NC Zip Code: 28036

Installation Approval Issuance Date: 8/7/06

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before _____, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: 360 GPD

Site LTAR: .25 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 360 feet

# of Lines: 4 @ 90 feet

Depth of Media: _____ inches (Type) Innovative

Distribution Device: Pressure Manifold

Bed Design *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

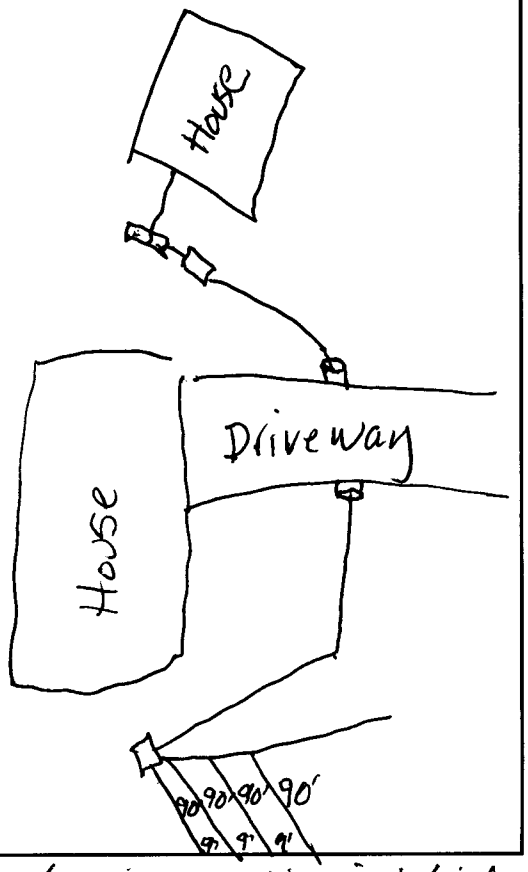
Minimum System Setbacks

Distance from Building Foundation: 15 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: >100 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: Type III bg pump to innovative initial and repair system designed for a 3 bdrm residence.

DENR Authorized Agent: Cina Buchanan, RS Signature: Cina Buchanan, RS

Posse

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

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 58148 Permit #: _____ Tax Parcel #: 003-156-18 P6

Property Owner: Karl Plattner

Job Location Address: 235 Grey Rd.

City: Davidson State: NC Zip Code: 28036

Operation Permit Issuance Date: 8/8/06 Contractor Name: A-1 Backhoe

Permitted Design Flow: 360 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Effluent Pump Model: _____

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 360 feet

# of Lines: 4 @ 90 feet

Depth of Media: _____ inches (Type) Innovative

Depth of Cover: 12" inches

Distribution Device: Pressure Manifold

Bed Installation *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 15 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: >100 feet

Inspection Dates

Tank(s) Inspected: 8/8/06

Excavation Inspected: 8/8/06

Pump & Controls Inspected: 8/8/06

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

See Installation Approval for layout.

The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☑ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: Type III-bg innovative System with pump and pressure manifold designed for 3 bdrm residence

DENR Authorized Agent: Cina Buchanan, RS Signature: Cina Buchanan RS

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources
Groundwater & Wastewater Services

Fax Coversheet

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To: C. PLATTNER — Fax #: (704) 973-0084

RE: 231 GREY RD. — Phone #:

From: DAVID CORNELIUS — Date: 12/28/05

MCHD - GWS

Number of pages transmitted: 2 (including coversheet)

Comments:

① REPAIR APPLICATION - PLEASE COMPLETE & RETURN FAX (704) 336-6894

② REPAIR INSTALLATION PERMIT

③ MECK. CO. SEPTIC CONTRACTOR LISTING

If you do not receive all pages of this fax please call (704) 336-5103.

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