FILE NUMBER: 212A

Revised On: August 31, 2007

APPLICATION NUMBER: 3469

SEPTIC FEE: 200.00 ck# 415
DATE: 4/21/08

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

WELL FEE: _____
DATE: _____

1. SEPTIC / TYPE APPLICATION: ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

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

3. JOB LOCATION INFORMATION:
TAX PARCEL NUMBER: 22703202
STREET ADDRESS: 608 Lakenheath Lane
CITY: Matthews
STATE: NC ZIP: 28105
SUBDIVISION NAME: Southminister Woods
LOT #: 24 BA LOT SIZE (acres): ±0.560
TOWNSHIP:
☒ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☒ 5-MATTHEWS

4. BUILDING INFORMATION:
BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☒ HOUSE (not yet planned) ☐ OTHER _____
HEATED SQUARE FOOTAGE:
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2
FOUNDATION TYPE:
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A
NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ☒ MUNICIPAL ☐ PUBLIC WELL ☐ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

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

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:
☑ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER don't know
8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES ☒ NO		GRADING/SOIL REMOVAL PERFORMED	☐ YES ☒ NO	
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES ☒ NO		JURISDICTIONAL WETLANDS	☐ YES ☒ NO	
WELLS, SPRINGS, OR WATER LINES	☐ YES ☒ NO		APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES ☒ NO	
EASEMENTS OR RIGHT-OF-WAYS	☒ YES ☐ NO	indicated on next pages	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES ☒ NO	

10. PROPERTY OWNER:
NAME: Daniel & Paula Cherry
ADDRESS: 616 Lakenheath Lane
CITY: Matthews
STATE: NC ZIP: 28105
HOME PHONE: 704-321-3092 WORK PHONE:
MOBILE PHONE: 704-517-3643 FAX: 704-321-3092

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? don't know (pre-listing test)

14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Paula Cherry 4-16-08
Property Owner's or Owner's Legal Representative Signature Date

15. WELL PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of 12 months from the date of issuance.

[signature] 4/17/2008
Property Owner's or Owner's Legal Representative Signature Date

☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☒ UN-SCALED SITE PLAN SUBMITTED

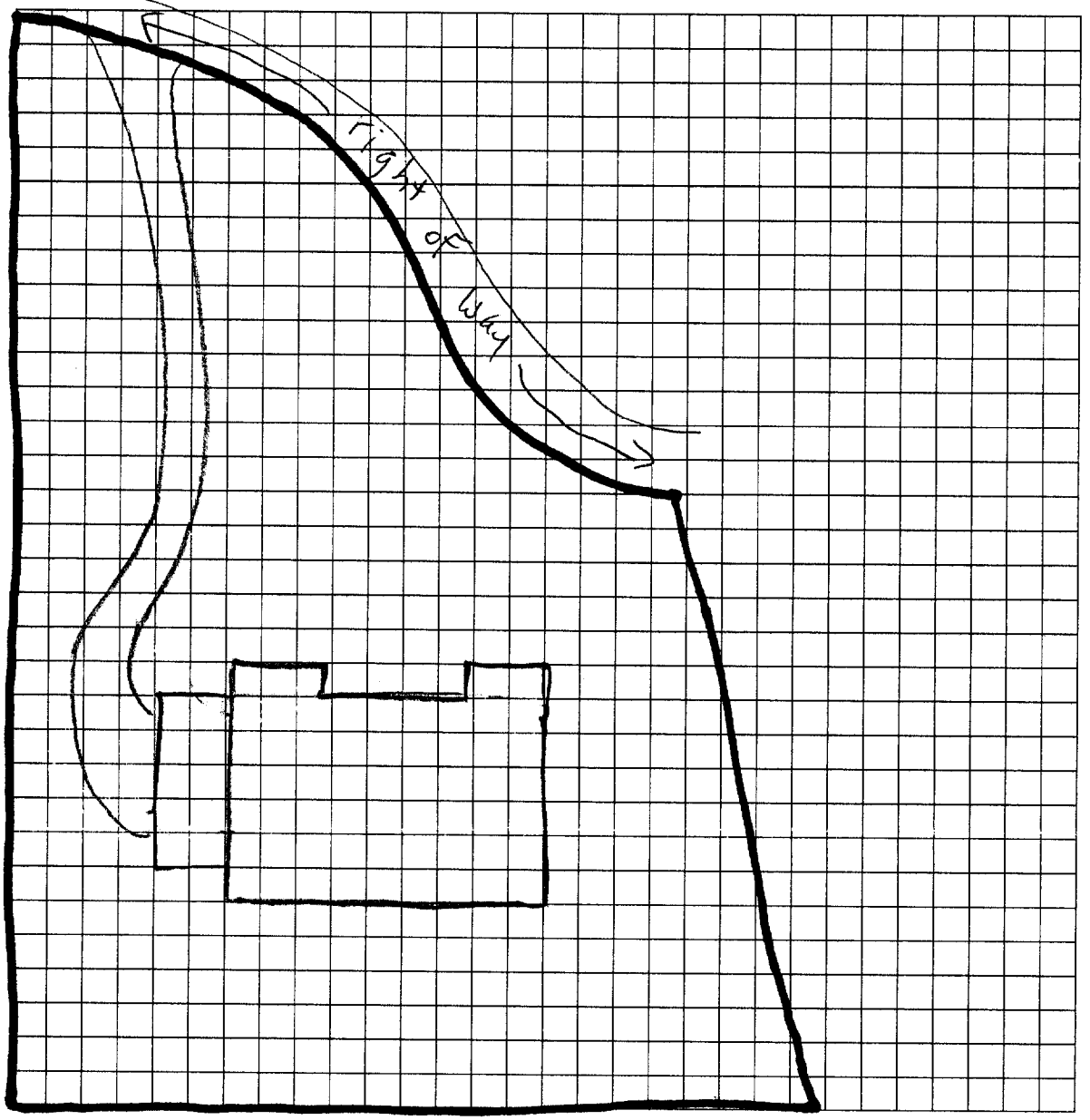
MECKLENBURG COUNTY-GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211, CHARLOTTE, NC 28202 PHONE: (704) 336-5103 FAX: (704) 336-6894

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

File # 2121A
Date_____

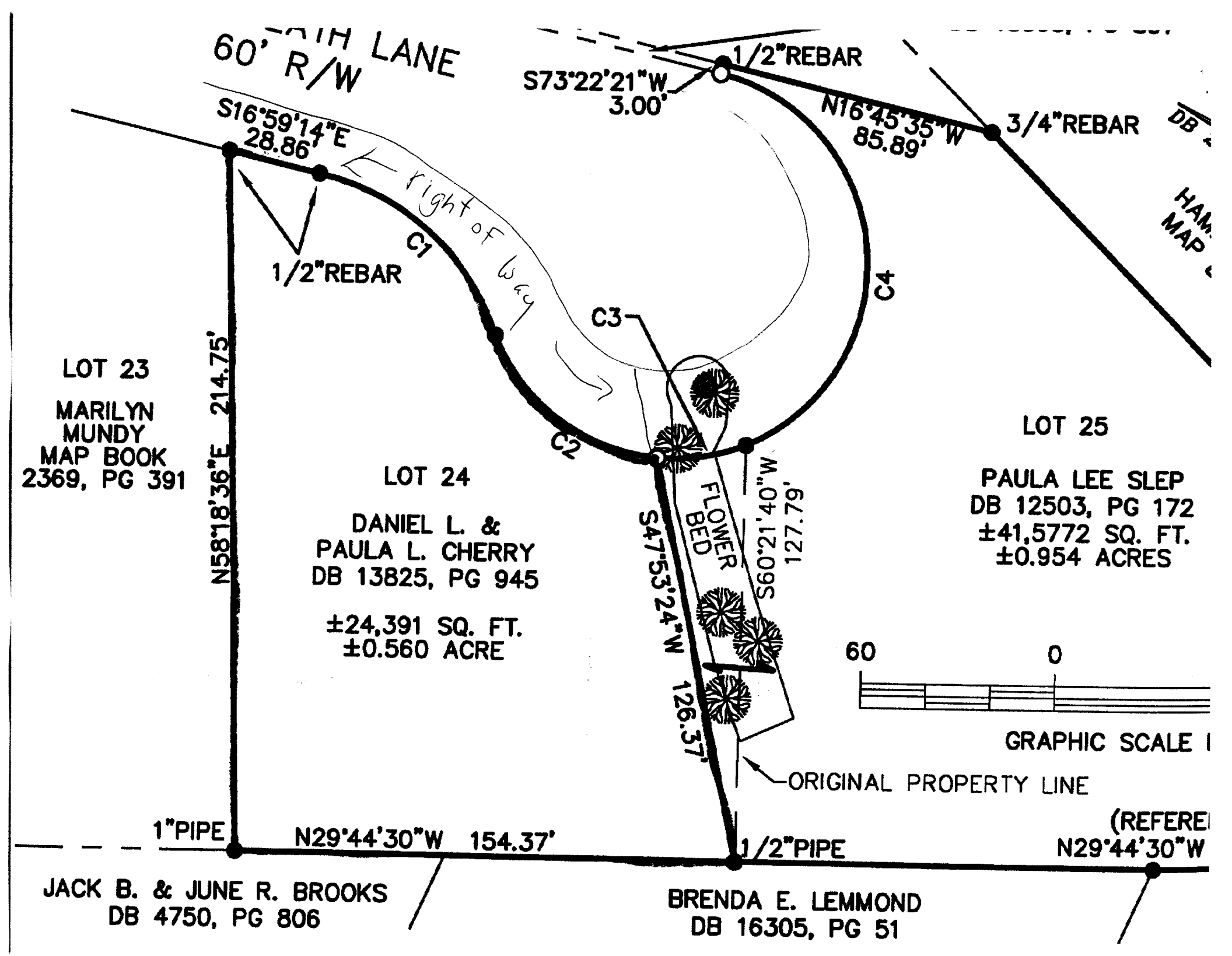
PROPOSED PLOT PLAN

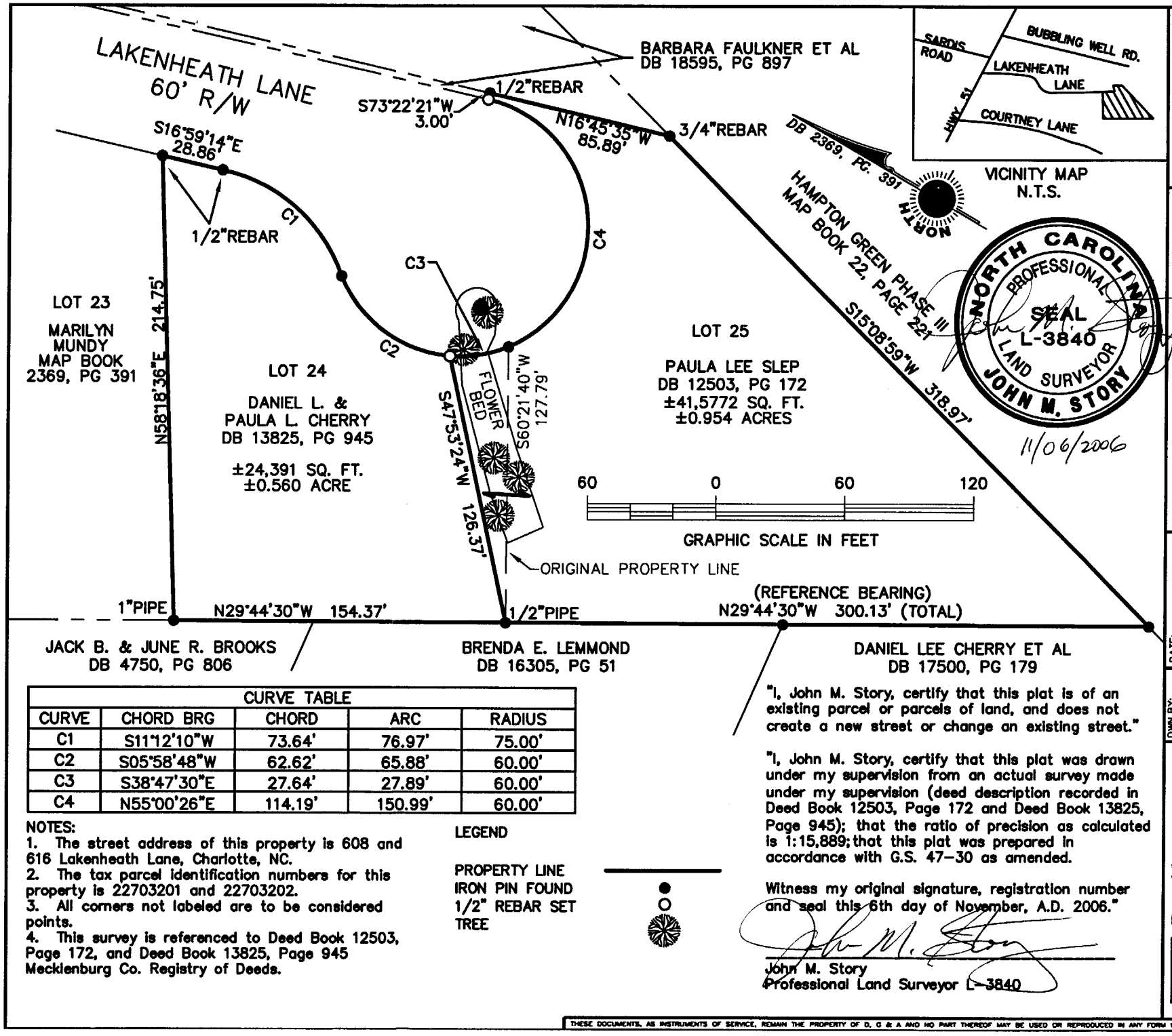
A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	Paula Cherry
Date	4-16-08

LBC 12/15/04


60' R/W LANE
1/2"REBAR
S73°22'21"W
3.00'
N16°45'35"W
85.89'
3/4"REBAR
S16°59'14"E
28.86'
right of way
C1
C2
C3
C4
1/2"REBAR
N58°18'36"E 214.75'
LOT 23
MARILYN MUNDY
MAP BOOK 2369, PG 391
LOT 24
DANIEL L. &
PAULA L. CHERRY
DB 13825, PG 945
±24,391 SQ. FT.
±0.560 ACRE
FLOWER BED
S47°53'24"W 126.37'
S60°21'40"W 127.79'
LOT 25
PAULA LEE SLEP
DB 12503, PG 172
±41,5772 SQ. FT.
±0.954 ACRES
60
0
GRAPHIC SCALE
ORIGINAL PROPERTY LINE
1"PIPE
N29°44'30"W 154.37'
1/2"PIPE
(REFERE
N29°44'30"W
JACK B. & JUNE R. BROOKS
DB 4750, PG 806
BRENDA E. LEMMOND
DB 16305, PG 51



CURVE TABLE				
CURVE	CHORD BRG	CHORD	ARC	RADIUS
C1	S11°12'10"W	73.64'	76.97'	75.00'
C2	S05°58'48"W	62.62'	65.88'	60.00'
C3	S38°47'30"E	27.64'	27.89'	60.00'
C4	N55°00'26"E	114.19'	150.99'	60.00'

NOTES:
1. The street address of this property is 608 and 616 Lakenheath Lane, Charlotte, NC.
2. The tax parcel identification numbers for this property is 22703201 and 22703202.
3. All corners not labeled are to be considered points.
4. This survey is referenced to Deed Book 12503, Page 172, and Deed Book 13825, Page 945 Mecklenburg Co. Registry of Deeds.

LEGEND

PROPERTY LINE
IRON PIN FOUND
1/2" REBAR SET
TREE

"I, John M. Story, certify that this plat is of an existing parcel or parcels of land, and does not create a new street or change an existing street."

"I, John M. Story, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Deed Book 12503, Page 172 and Deed Book 13825, Page 945); that the ratio of precision as calculated is 1:15,889; that this plat was prepared in accordance with G.S. 47-30 as amended.

Witness my original signature, registration number and seal this 6th day of November, A.D. 2006."

John M. Story
Professional Land Surveyor L-3840

REVISIONS

PROPERTY SURVEY
FOR
DANIEL & PAULA CHERRY
LOTS 24 & 25, SOUTHMINISTER WOODS
CHARLOTTE NORTH CAROLINA

DWN.BY:	DATE:	SCALE:	PROJECT NO.	DRAWING NO.
JEFF	11/06/2006	1"=60'	5587-003-N1	NC-032-06-A
CKD.BY				
JMS				
FIELDBOOK			P.L.S. NO.	
N/A			L-3840	

Donaldson Garrett & Associates, Inc.
MACON • CHARLOTTE
500 EAST MOREHEAD STREET, SUITE 103
CHARLOTTE, N.C. 28202-2045
(704) 374-1966 Fax (704) 374-1966
http://www.dg-ae.com

THESE DOCUMENTS, AS INSTRUMENTS OF SERVICE, REMAIN THE PROPERTY OF D, G & A AND NO PART THEREOF MAY BE USED OR REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION.

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

Sheet: 1 of 2
Property ID: 227-032-02
Lot #: 24, B A
File #: 2121A
AppID: 3469

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Daniel & Paula Cherry
Applicant:
Address: 616 Lakenheath Lane, Matthews, N. C. 28105
Date Evaluated: 4/25/2008
Proposed Facility: Residence Design Flow (.1949) 480gpd
Property Size: .56a
Location of Site: 608 Lakenheath Lane
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 .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
1	LS, 8	0-4	GR/CL	FR/SEXP/SS/SP	>50" TO SOIL WETNESS	50+	N/A	NONE	PS, IV
		4-50	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
2	"	0-9	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	"
		9-48	SBK/C	FI/SEXP/S/P					
3	"	0-5	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		5-48	SBK/C	FI/SEXP/S/P					
4	"	0-7	GR/CL	FR/SEXP/SS/SP	>49" TO SOIL WETNESS	49+	"	"	"
		7-49	SBK/C	FI/SEXP/S/P					
5	"	0-9	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	"
		9-48	SBK/C	FI/SEXP/S/P					
6	"	0-8	SBK/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	PS, IV
		8-48	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
					Jeremy Michael dug hole number 6. Bill did the rest				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIb	~~IIIb~~ III E
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 4/25/2008
Others Present:
Site Classification (.1948):
Site Evaluation By: Jeremy Michael
Others Present: Jeremy Michael

COMMENTS:
100% repair

Sheet: 2 of 2
FILE #: 2121A

Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
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	

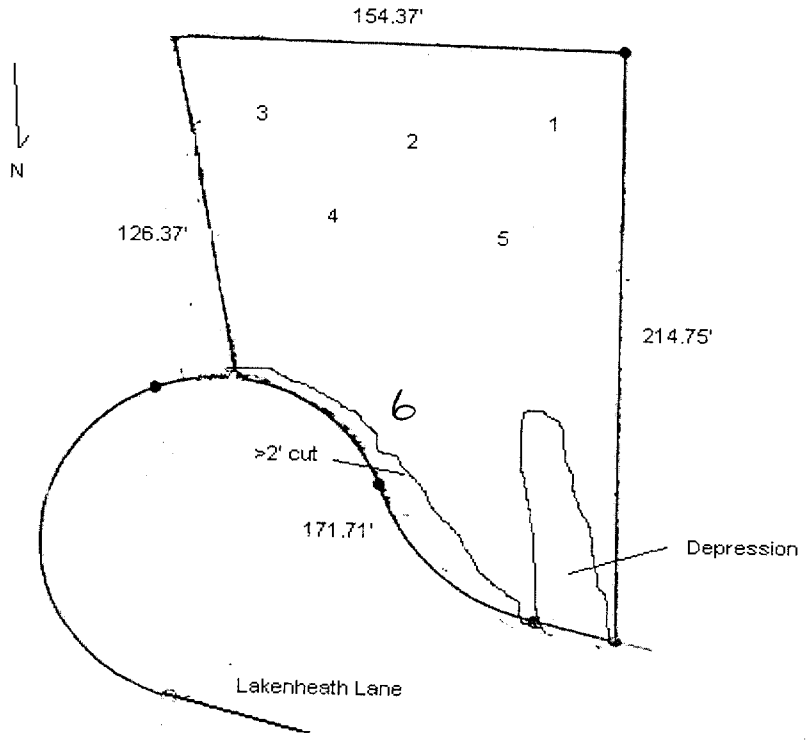
Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

Consistence
Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence
Wet
NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

Mineralogy
SEXP-Slightly Expansive
EXP-Expansive

Sketch of Soil Evaluation Locations



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

Sheet: 1 of 2
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3	"	0-5	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		5-48	SBK/C	FI/SEXP/S/P					
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		7-49	SBK/C	FI/SEXP/S/P					
5	"	0-9	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	"
		9-48	SBK/C	FI/SEXP/S/P					
6	"	0-8	SBK/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	PS, IV .3GPD/FT^2
		8-48	SBK/C	FI/SEXP/S/P					
					Jeremy Michael dug hole number 6. Bill did the rest				

Description	Initial System	Repair System
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Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 4/25/2008,
Others Present:
Site Classification (.1948):
Site Evaluation By: Jeremy Michael
Others Present: Jeremy Michael

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 #: **30003469** GWS File #: **2121A** Tax Parcel #: **227-032-02**

- 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):** 4/29/2013

Type of Installation: Residential - New System Lot Number: 24

Structure Type: HOUSE Size (ft^2): 0 # Bedrooms: 4 # Occupants: 2

Building Foundation: Water Supply: Municipal

II. Initial System Type: Pump to Approved **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

III. Repair System Type: PPBPS (gravity) **System Classification:** IIIe

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):	800	Total Trench Length (ft):	267
Maximum Trench Depth (in):	36	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: Jeremy Michael

Signature: Jeremy Michael

Date Issued: 4/29/2008

Owner/Legal Agent: _____
Print Name

Signature: _____

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 #: **30003469** GWS File #: **2121A**

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.

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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- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Jeremy Michael

Signature: Jeremy Michael

Date Issued: 4/29/2008

Owner/Legal Agent: _____
Print Name

Signature: _____

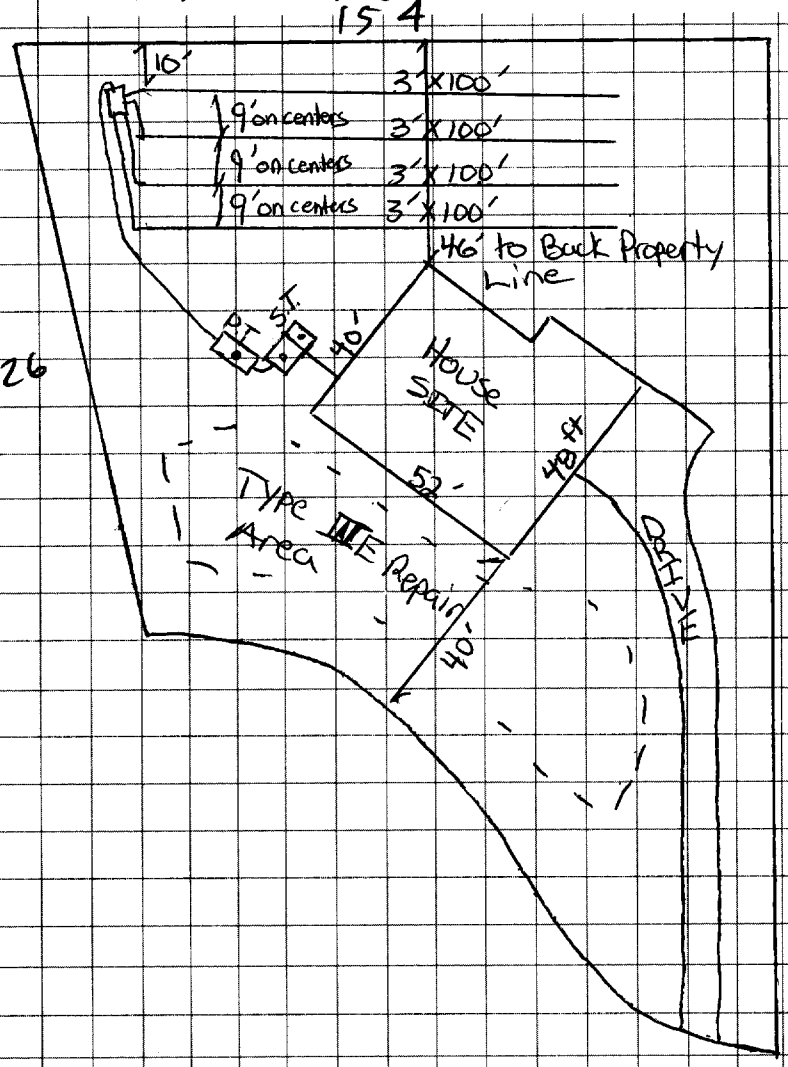
PROPOSED PLOT PLAN

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

FILE: 2121A

TC: 227-032-02

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.



4 BR Residence - 480 GPD
0.3 GPD/ft² LTAR
Type III bg system
Pressure Manifold Distribution
1500 Gal Septic Tank
1000 Gal Pump Tank
Install 4 Lines 100' long

Note!
Any part of house including Patio and deck must be at least 46 ft off Back property Line.

FRONT OF HOUSE SETBACK IS 40' off Property Line.

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE 05-08-2008 Jeremy Michael

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: 04/21/08
Receipt #: 56980
Check / Auth #: CHECK 415
Received By: CRAIGGY

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: CHERRY PAULA L
Attn:
Address: 616 LAKENHEATH LN
Address:
City/State/Zip: MATTHEWS, NC 28105

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 608 LAKENHEATH LN		1	200.00	200.00

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
600.00					