

14131 LEA POINT CT

01314132

1/7/2008

duponbj

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

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5038B 141-32 DATE: 4/29/05

TC: 013-141-04 P.O. ☑ L ☑ CRT

SERIAL 19676

Name of Owner MICHAEL C. BUNTING Juris.:

Address of Property 14131 LEA POINT CT. LOT #4

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400'

Number of Lines 5 @ 80'

Cover Depth 18"

Water Supply Source MUNICIPAL TAP NOT INSTALLED ON 12-30-04

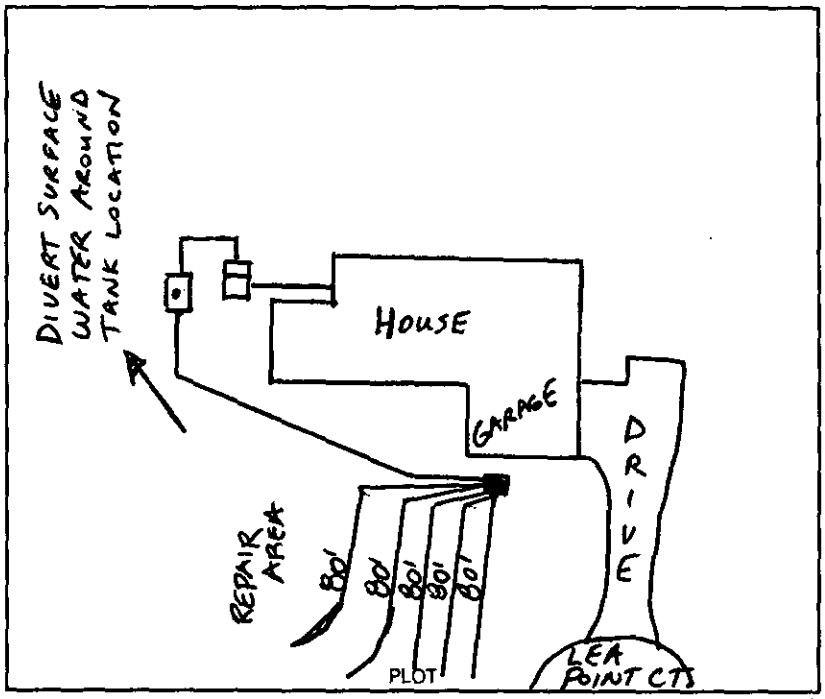
Distance to Water Source > 10'

Excavation Inspected 12-30-04

Tank(s) Inspected 12-30-04

Wash Line Inspected N/A

High Water Alarm Inspected 4/28/05



Design 2004/1500ST/1000PT/1200S.F.T./INOV./PRESSURE MANIFOLD CTR# LINCOLN SEPTIC

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☑ installed or constructed ☐ altered or repaired

☐ in accordance with the permit issued ☐ as detailed in the plot above

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. This issuance of this

☑ Certificate of Completion ☑ 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. 1990 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/revocation of this permit.

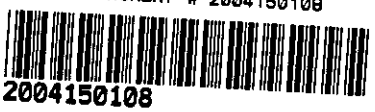
COMMENTS: SYSTEM DESIGNED FOR A 4-BEDROOM HOUSE.
INSTALLED 5 LINES AT 3' x 80' INNOVATIVE (EZ-FLOW)
TYPE III b,g SEPTIC SYSTEM

Tim Thomas, RSE
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2004 JUL 09 12:34 PM
BK:17464 PG:7-10 FEE:$20.00

INSTRUMENT # 2004150108



2004150108

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FILE # 50388
PARCEL # 01314104

The undersigned, Legacy Builders of Lake Norman LLC owner of property located at 19131 Tea Point Court Huntersville, (the "site") and described in an instrument recorded in Book 10491 at Page 592, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following conditions will apply to the site:

This instrument was prepared by: Legacy Builders Builders of Lake Norman LLC
Mail after recording to: PO Box 2458 Cornelius NC 28031

- Any changes on the property may make the Improvement Permit null and void and may make the Improvement Permit subject to revocation.

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless theDepartment, its employees, and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 9TH day of JULY, 2004.

LEGACY BUILDERS OF LAKE NORMAN LLC (SEAL)
(Corporate Name)

By: _____ (SEAL)

Robert Barbach ~~President~~ Manager (SEAL)

(SEAL)

ATTEST:

_____

_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, Margaret A. Panico, a Notary Public for said County and State, do hereby certify that Robert Carnock, Manager of Legacy Builders of Lake Norman personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 9th day of July, 2004.

Margaret A. Panico
Notary Public

My Commission Expires:

5-3-08

MARGARET A. PANICO NOTARY PUBLIC IREDELL COUNTY, N.C. MY COMM. EXP. 5-03-2008

STATE OF NORTH CAROLINA
COUNTY OF _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ Secretary of _____, a North Carolina corporation, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____ President, sealed with its corporate seal, and attested by _____ as its _____ Secretary.

WITNESS my hand and notarial seal, this _____ day of _____, 20___.

_____
Notary Public

My Commission Expires:

_____

REVISED 8-13-02

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

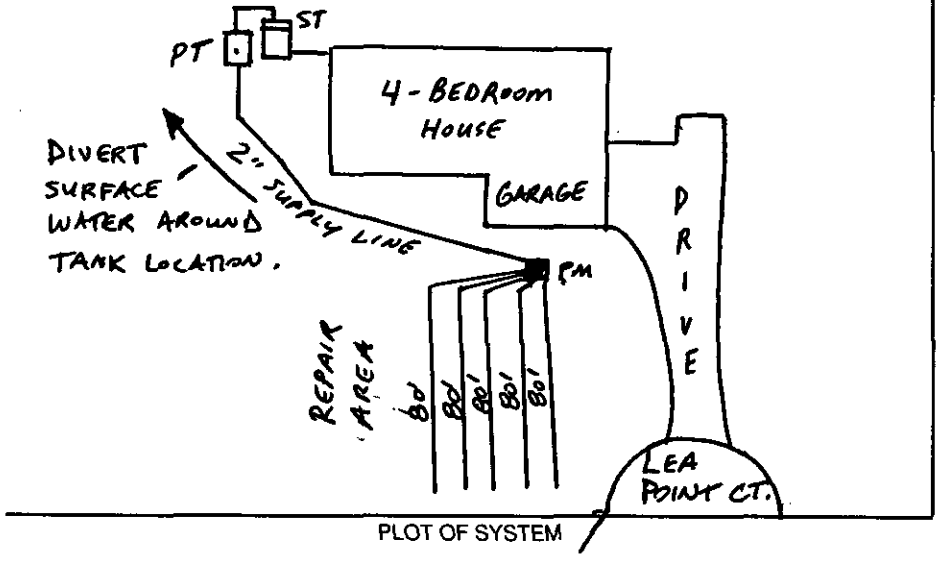
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5038B DATE: 12-29-04

TC: 013 - 141 - 04 32 P.O. ☒ L

SERIAL 19822

Permission is hereby given to ✓ (Install) or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 8-6-02. All work shall be completed on or before 1-15-05, after which date this permit 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 the granting of this permit. A Certificate of Completion or 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth 30"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous YES

Total Line Length 400 feet

Number of Lines 5 AT 80'

Depth of Stone N/A inches

Distance from House 15 feet

Distance from Property Line 10 feet

Distance from Well 50' min. ~~feet~~

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

NAME OF OWNER MICHAEL C. BUNTING

LOCATION OF PROPERTY 14131 HUBBARD RD LOT #4 (14131 LEA POINT CT.)

Comments: INSTALL 5 LINES AT 3' x 80' INNOVATIVE (EZ-FLOW) USE PRESSURE MANIFOLD W/ GATE VALVE AT MANIFOLD BOX. SEPTIC SYSTEM DESIGNED FOR A 4 BEDROOM HOUSE. TYPE III b,g SYSTEM.

Tom Thomas, RSI
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

check # 2437 WD

FEE: 7/8/04 **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION** AC
DATE: 300.00 **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: _____ **PERMIT NO:** 5038B

PARCEL NO: 013-141-02-40 32

JOB LOCATION ADDRESS: 14131 Lea Point Court

PROPERTY OWNER: Michael C. Bunting

BUILDING CONTRACTOR: _____

SUBDIVISION NAME: Lea Woods

AUTHORIZATION ISSUED BY: Jenny Mullis R.S. **DATE:** 8/29/02

DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 5038B, 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 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 AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: Agreement forms on file before C.A. Release

OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

_____ 7-9-04

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

Permit Number: 5038B

Tax Number: 013-141-04 A0 32

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
Type Primary Wastewater System Type (circle one): 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: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1

0.3 Long-term acceptance rate	480 Max gallons/day wastewater flow	1200 Absorption Area (sq ft)	9' Trench spacing (min. on centers)
Yes Serviced by private well	1500 Gallon septic tank	400' Total trench length (ft)	24" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)
4 Bedrooms in residence	1000 Gallon pump tank	N/A Depth of stone	

Any surface waters present: NO Type: Minimum separation distance:

Site modifications required:

Additional Conditions: → Pressure Manifold
→ Agreement forms on file before C.A. Release

Repair Area System Type Type (circle one): 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: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1

1200 Absorption Area (Sq ft) 400 Total Trench Length (Ft)	N/A Depth of Stone Trench	9' Trench spacing (min. on centers)	24" Maximum Trench Depth

For existing system, enter the year originally installed:

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. This approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal 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.

Tracy Mills R.S. 8/29/02
DENR Authorized Agent Date

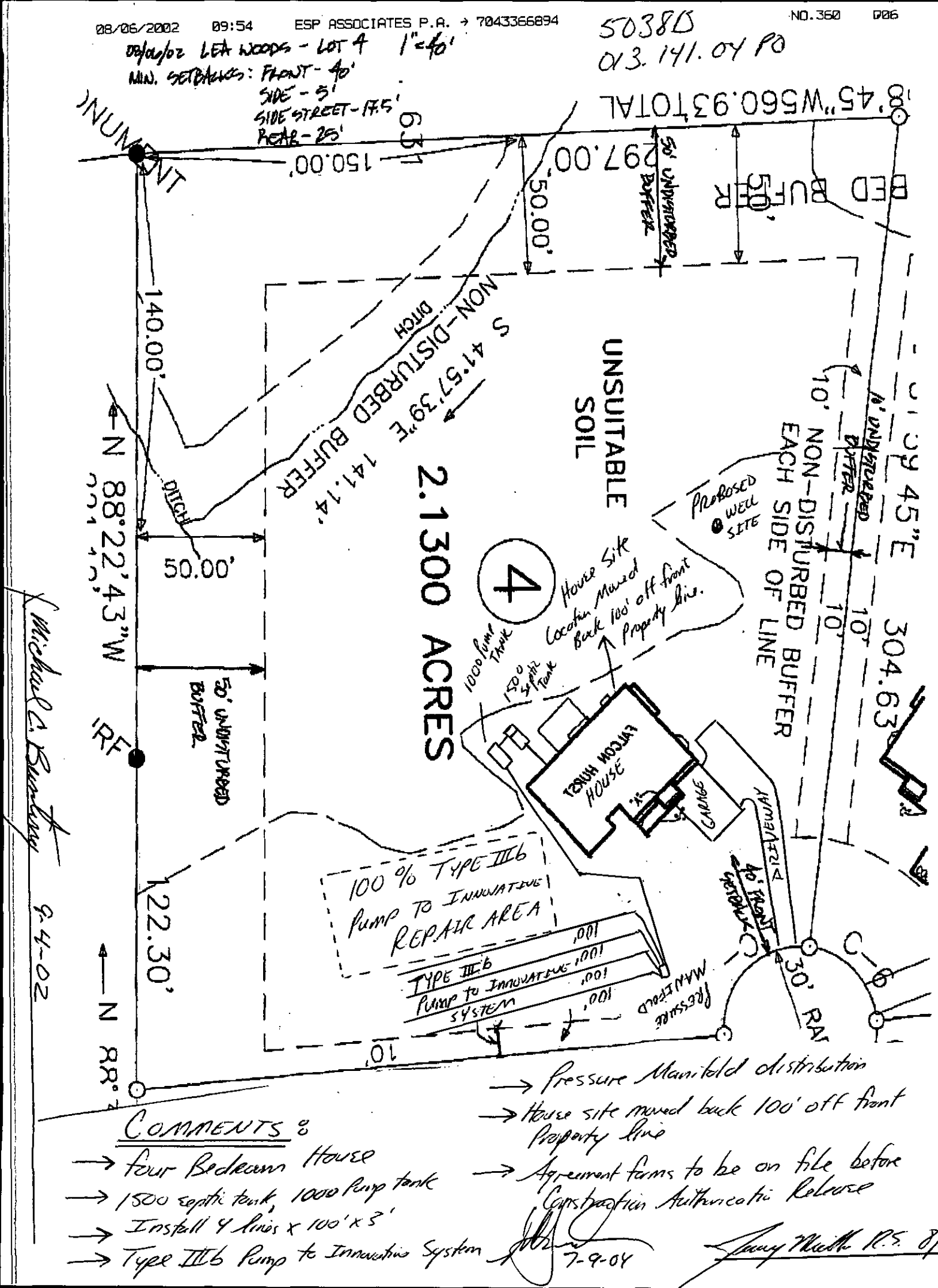
Michael C. Bunting 9-4-02
Owner/Agent Signature Date

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

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

08/06/02 LEA WOODS - LOT 4 1"=40'
MIN. SETBACKS: FRONT - 40'
SIDE - 5'
SIDE STREET - 17.5'
REAR - 25'

5038D
03.141.04 PD



Michael C. Blantyn 8-4-02

COMMENTS:

- → four Bedroom House
- → 1500 septic tank, 1000 Pump tank
- → Install 4 lines x 100' x 3'
- → Type IIIb Pump to Innovative System
- → Pressure Manifold distribution
- → House site moved back 100' off front Property line
- → Agreement forms to be on file before Construction Authorization Release

7-9-04

Jerry Smith R.S. 8/6/02

DATE: 8-6-02 Rec'd 7/30/02 PS

FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ___ 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 #: 5038B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 013141 104 PO

STREET ADDRESS: Hubbard Rd SR 2134

SUBDIVISION OR MOBILE HOME PARK NAME: Red Woods

LOT NUMBER: # 4

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
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
✓ 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE: 3,200

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS: 5

CLOSING DATE 9-6-02

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 ✓ NO
EXISTING WASTEWATER SYSTEMS ___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS ___ YES ✓ NO
WELL, SPRINGS OR WATERLINES ___ YES ✓ NO
DESIGNATED WETLANDS ___ YES ✓ NO

PROPERTY OWNER:

NAME: Houser Dwight (LAST) (FIRST) (MI)

ADDRESS: 3708 Portland Ct.

CITY: Marietta STATE: GA ZIP: 30062

DAYTIME PHONE: ( ) 770-973-1444

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Bunting Michael C (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) 704-875-1040

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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: Michael C. Bunting DATE: 8-6-02

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

8/7/02 7:45a Bluel info Bill left

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

Sheet: 1
Property ID: Po 013-141-04
Lot #: 4
File #: 5038B
Code: 2

AFS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Dwight Houser
Applicant: Michael c. Bunting
Address: 3708 Fortland Ct., Marietta, Ga. 30062
Date Evaluated: 08/16/2002
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: 2.13a
Location of Site: Lea Point Ct. (proposed) off Hubbard Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] 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	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-10	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .3GPD/FT^2
		10-43	SBK/C	FI/SEXP/S/P					
		43-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-3	GR/SL	FR/SEXP/NS/NP	>36" TO SOIL WETNESS	36	"	"	"
		3-25	SBK/C	FI/SEXP/S/P					
		25-36	SBK/SCL	FR/SEXP/SS/SP					
3	"	0-4	GR/SL	FR/SEXP/NS/NP	>38" TO SOIL WETNESS	38	"	"	"
		4-25	SBK/C	FI/SEXP/S/P					
		25-38	SBK/SCL	FR/SEXP/SS/SP					
4	"	0-5	GR/SL	FR/SEXP/NS/NP	>30" TO SOIL WETNESS	30	"	"	US, IV .3GPD/FT^2
		5-24	SBK/C	FI/SEXP/S/P					
		24-30	SBK/SCL	FR/SEXP/SS/SP					
5	"	0-4	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	"	"	PS, IV .3GPD/FT^2
		4-43	SBK/C	FI/SEXP/S/P					
		43-48	SBK/CL	FR/SEXP/SS/SP					

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

Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 8/19/02, W. R. Marlin
Others Present: M. Bunting

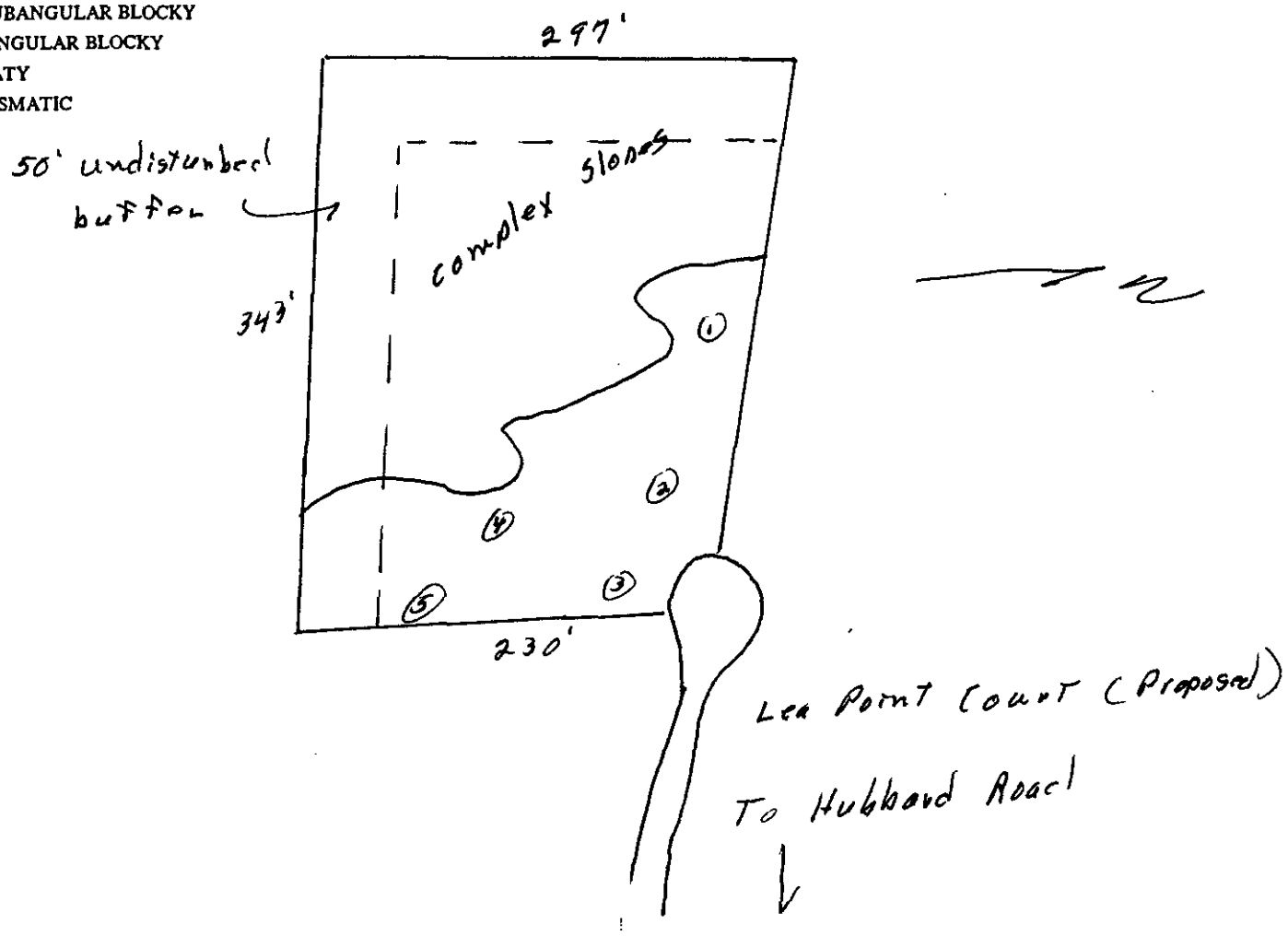
FILE # 5038A

COMMENTS 100% Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE 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	
		O-ORGANIC	

CONSISTENCE	
MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

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



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

Sheet: 1
Property ID: Po 013-141-04
Lot #: 4
File #: 5038B
Code: 2

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Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

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		4-25	SBK/C	FI/SEXP/S/P					
		25-38	SBK/SCL	FR/SEXP/SS/SP					
4	"	0-5	GR/SL	FR/SEXP/NS/NP	>30" TO SOIL WETNESS	30	"	"	US, IV .3GPD/FT^2
		5-24	SBK/C	FI/SEXP/S/P					
		24-30	SBK/SCL	FR/SEXP/SS/SP					
5	"	0-4	GR/SL	FR/SEXP/NS/NP	>48" TO SOIL WETNESS	48	"	"	PS, IV .3GPD/FT^2
		4-43	SBK/C	FI/SEXP/S/P					
		43-48	SBK/CL	FR/SEXP/SS/SP					

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

Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 8/19/02, W. R. Marlin
Others Present: M. Bunting

FILE # 5038A

COMMENTS 100% Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE 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	
		O-ORGANIC	

CONSISTENCE MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

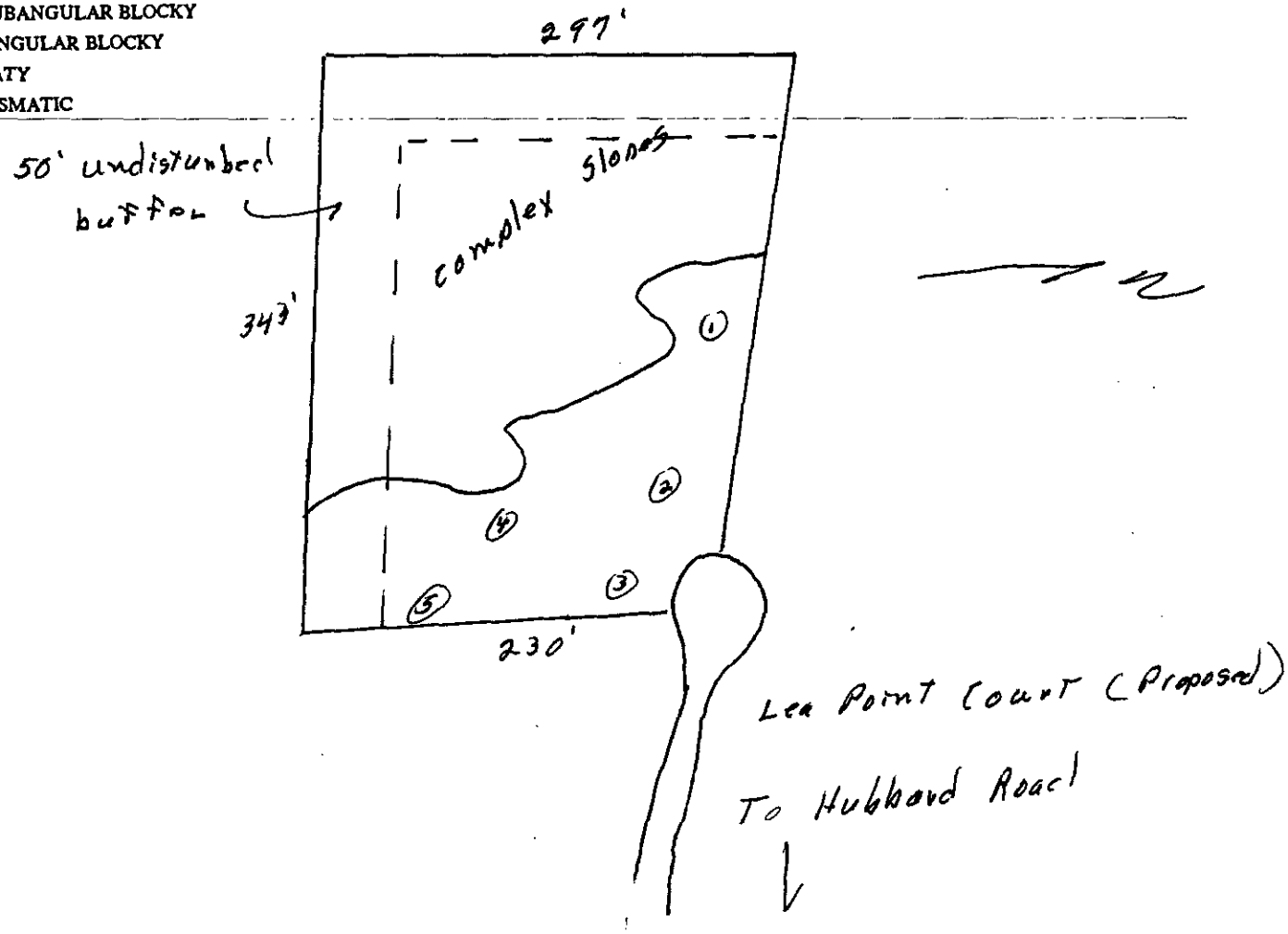
STRUCTURE

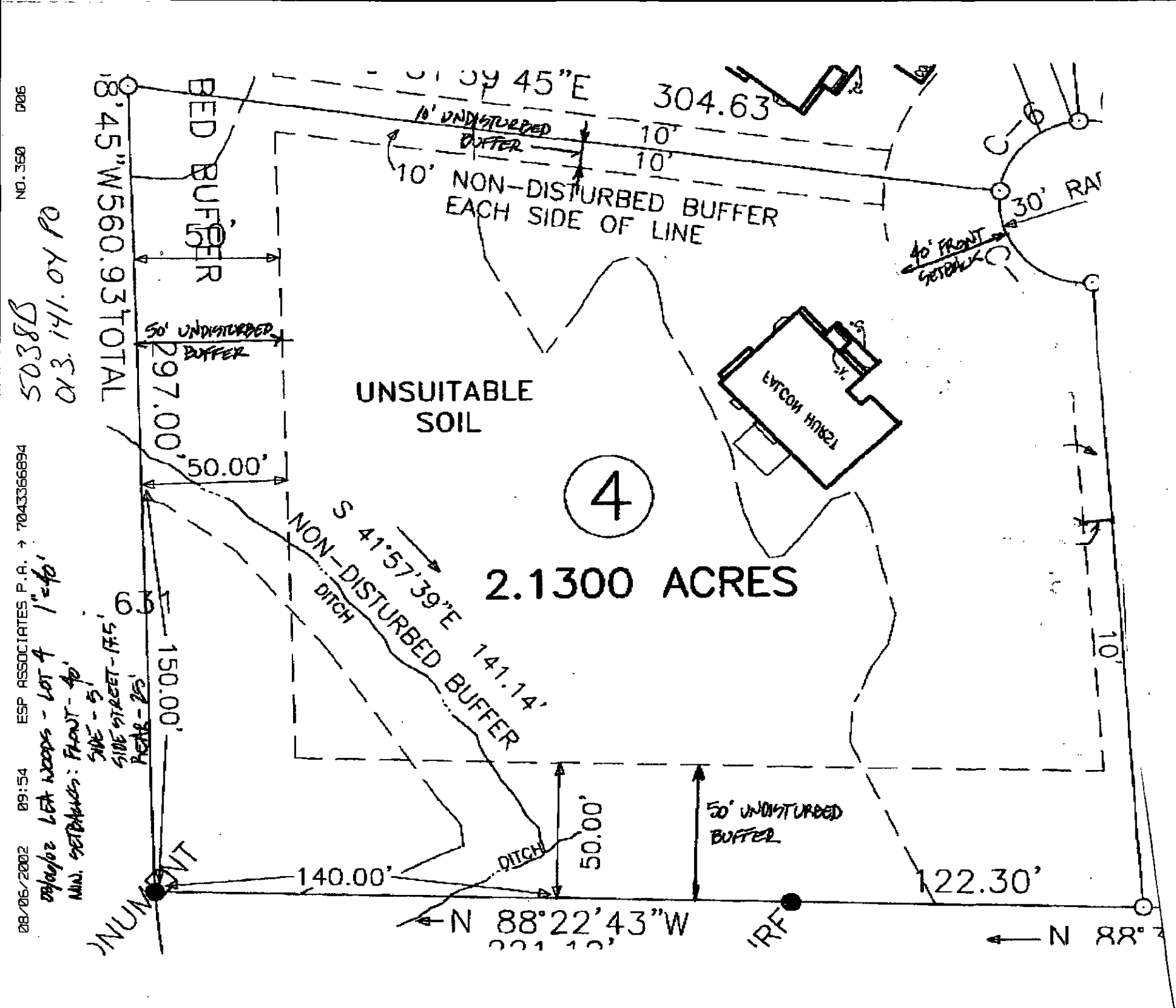
SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE




S 39 45"E 304.63
10' UNDISTURBED BUFFER
10'
10'
10' NON-DISTURBED BUFFER EACH SIDE OF LINE
30' RA
40' FRONT SETBACK
RED BUFFER
50'
N 560.93'TOTAL
50' UNDISTURBED BUFFER
297.00'
50.00'
UNSUITABLE SOIL
4
2.1300 ACRES
LYTCOM HOUSE
S 41°57'39"E 141.14'
NON-DISTURBED BUFFER
DITCH
150.00'
10'
50.00'
50' UNDISTURBED BUFFER
DITCH
140.00'
122.30'
N 88°22'43"W
IRF
N 88°
50388
03 141. 04 PO
ESP ASSOCIATES P.A. → 7043366894
08/06/2002 09:54
NO. 360 006