

4300 OAK FOREST DR

09916409

12/26/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 1667-B DATE: 6-20 97

TC: 043-051-13 CRT

SERIAL Nº 17190

Name of Owner NGUYEN KHANH Juris.: _____

Address of Property 4300 OAK DRIVE

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400

Number of Lines 4 @ 100

Cover Depth 3'

Water Supply Source WELL

Distance to Water Source ≈100'

Excavation Inspected 6-20-97

Tank(s) Inspected 6-20-97

Wash Line Inspected —

High Water Alarm Inspected —

PLOT

Design 1997 1500ST CON 1200SFT 12" CECIL CTR# ALI CORNELIUS

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

- ☑ installed or constructed
- ☑ in accordance with the permit issued
- ☐ altered or repaired
- ☐ 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: _____

Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

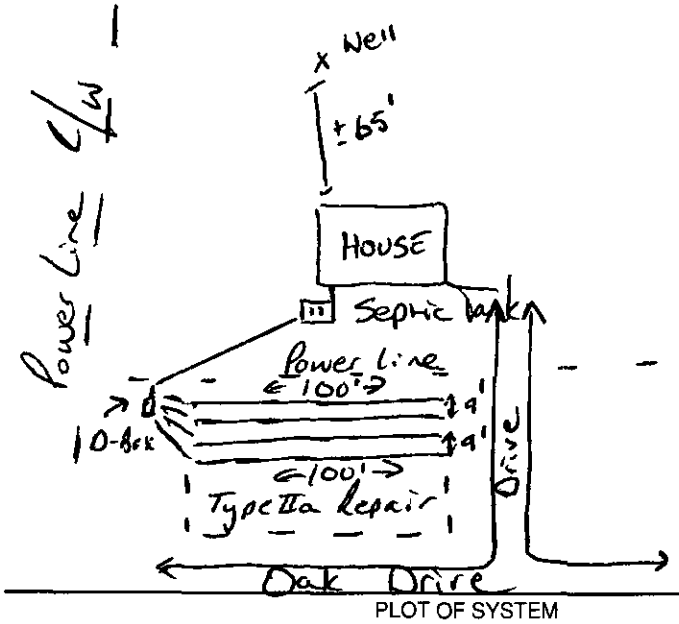
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1667 B DATE: 6-18-97

TC: 043-051-13

SERIAL Nº 17280

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 12-4-96. All work shall be completed on or before 7-18-97, 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 N/A gallons

Tank Construction PCC

Trench Depth ≤ 36"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous Yes

Total Line Length 400 feet

Number of Lines 4

Depth of Stone 12 inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well 100 feet

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

NAME OF OWNER Nguyen Khanh

LOCATION OF PROPERTY 4300 Oak Drive ✓

Comments: Type II a 3 bedrooms ✓
(4) 3'w x 100'L x 12" stone

Ramy D. Thompson Jr. R.S.
Environmental Health Specialist

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

FEE: 200.00 + 20.00 = 220.00
DATE: 12-4-96 29594

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

[ ] 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 #: 16678

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 043-051-13

STREET ADDRESS: 4300 Oak Drive

SUBDIVISION OR MOBILE HOME PARK NAME: Mallard Creek Township

LOT NUMBER: ~~LOT #~~ P #2

TYPE OF BUILDING (CHECK ONE):

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

TOWNSHIP (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 984

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS:

CLOSING DATE_____

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:

New home / stick built / Residence

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: Nguyen (LAST) Khanh (FIRST) (MI)

ADDRESS: 3748 Frontenac Ave

CITY: Charlotte STATE: NC ZIP 28215

DAYTIME PHONE: (704) 537-0694

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Jim Walter Homes (LAST) (FIRST) (MI)

DAYTIME PHONE: (704) 399-8317

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 8-19-96

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: Agent for Jim Walter Homes DATE: 12-4-96

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

Paid DHO DEHT

FEE: _____ **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: _____ **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 1/8/97 **PERMIT NO:** 1667B
PARCEL NO: 043 051 13

JOB LOCATION ADDRESS: 4300 Oak Dr
PROPERTY OWNER: Khanh Nguyen
BUILDING CONTRACTOR: Jim Walter Homes
SUBDIVISION NAME: _____
AUTHORIZATION ISSUED BY: Phillip S. Walker R.S. **DATE:** 1/8/97
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 1667B, 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: _____

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.

Khanh Nguyen 1/8/97
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 1667B

Tax Number: 043 051 13

- 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	
.3 Long-term acceptance rate	360 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)	
3 Bedrooms in residence	NA Gallon pump tank	12" Depth of stone		
Any surface waters present: NO Type:		Minimum separation distance:		
Site modifications required:				
Additional Conditions: Keep drainfield > 15' from Duke Power right of way				
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)	12" 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.

Philo S. Valka 1/8/97
DEHNR Authorized Agent Date

[signature] 1/8/97
Owner/Agent Signature Date

MECKLENBURG COUNTY
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ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
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(704) 336-5102

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

PROPOSED PLOT PLAN

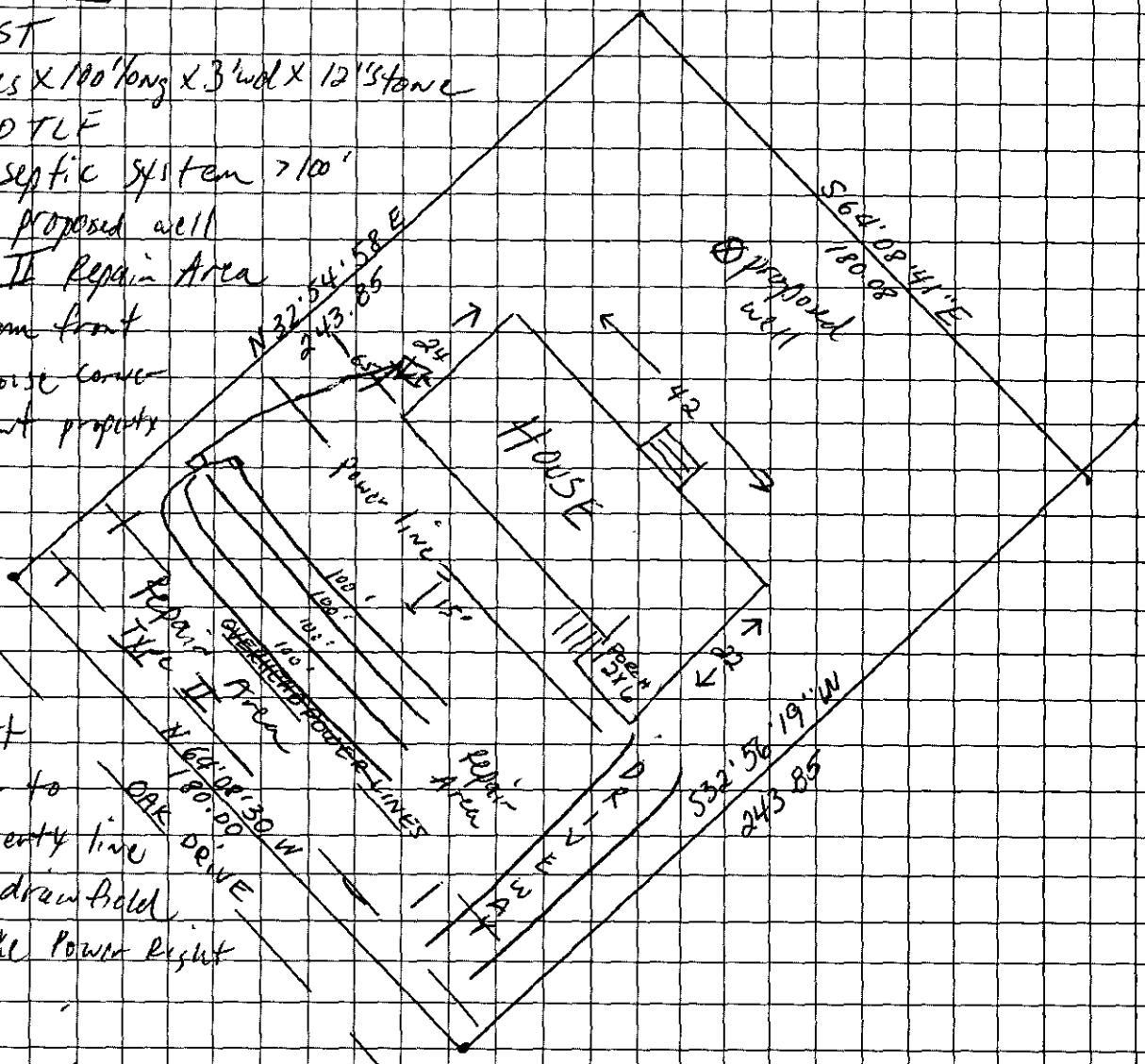
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FILE: 1667B

TC: 043-051-13

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 3 bedroom house
1500 ST
4 lines x 100' long x 3' wd x 12" stone
400 TLF
Keep septic system >100' from proposed well
Type II Repair Area
110' from front left house corner to front property line



65' from front left house corner to left property line
Install drainfield below Duke Power Right of way.

Thank you

Jim Walter Homes
OWNER/AGENT SIGNATURE

DATE 12-4-96

APPROVAL DATE PLW 12/8/97

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

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

4400

Sheet
PROPERTY ID #: # 1 166713
COUNTY: PO 043-051-13

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Khanh Nguyen
ADDRESS: 3748 Frontage Rd, Chas.
PROPOSED FACILITY: residence
LOCATION OF SITE: 4300 Oak Drive

APPLICANT:
APPLICATION DATE:
PROPOSED DESIGN FLOW (.1949): 360gpd
DATE EVALUATED:
PROPERTY SIZE: 1.0
PROPERTY RECORDED:

WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 2-8% .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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTR
1	LS	0-8"	gr/cl	Fr/SEXP/SS/SP	>48" TO Chroma 2	48"	N/A	None	IV PS .39/P2
		8-48"	sBK/c	Fr-Fi/SEXP/SP					
2	LS	0-6"	gr/cl	Fr/SEXP/SS/SP	>48" TO Chroma 2	48"	N/A	None	IV PS .39/P2
		6-48"	sBK/c	Fr-Fi/SEXP/SP					
3	LS	0-6"	gr/scl	Fr/SEXP/SS/SP	>48" TO Chroma 2	48"	N/A	None	IV PS .39/P2
		6-48"	sBK/c	Fr-Fi/SEXP/SP					
4	LS	0-8"	gr/scl	Fr/SEXP/SS/SP	>48" TO Chroma 2	48"	N/A	None	IV PS .39/P2
		8-48"	sBK/c	Fr-Fi/SEXP/SP					
5	LS	0-8"	gr/scl	Fr/SEXP/SS/SP	>48" TO Chroma 2	48"	N/A	None	IV PS .39/P2
		8-48"	sBK/c	Fr-Fi/SEXP/SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): provisionally suitable
EVALUATED BY: W.A. Marlin 12-13-96 LSS

COMMENTS:

1000 Repair

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	TVA 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
S (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)				
(Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
(Shoulder Slope)		SLC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

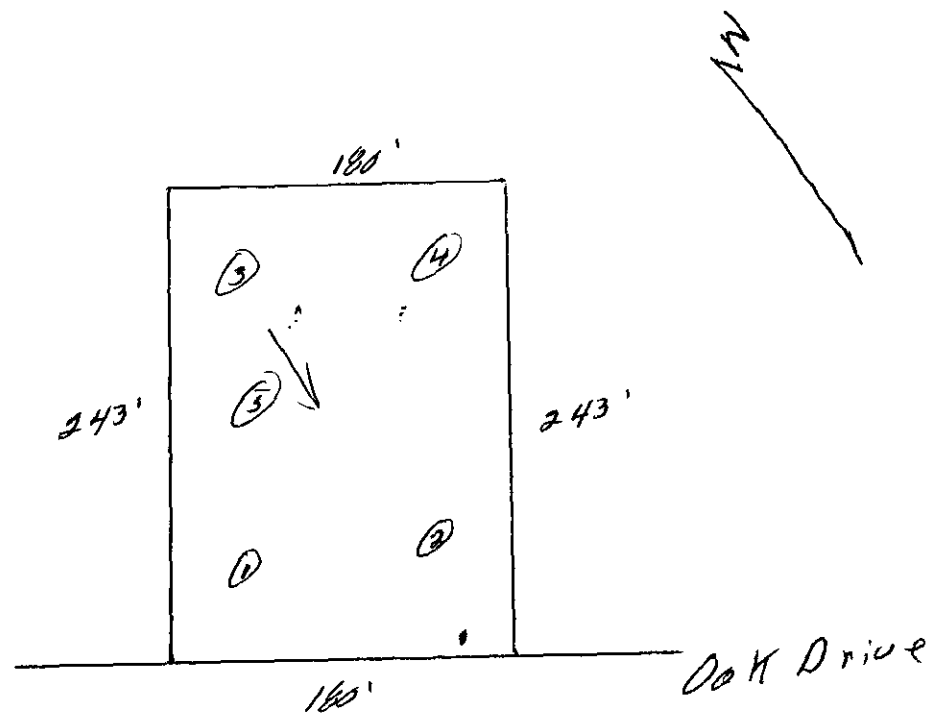
SOIL	
OBSTRUCTION DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designati
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

1667B



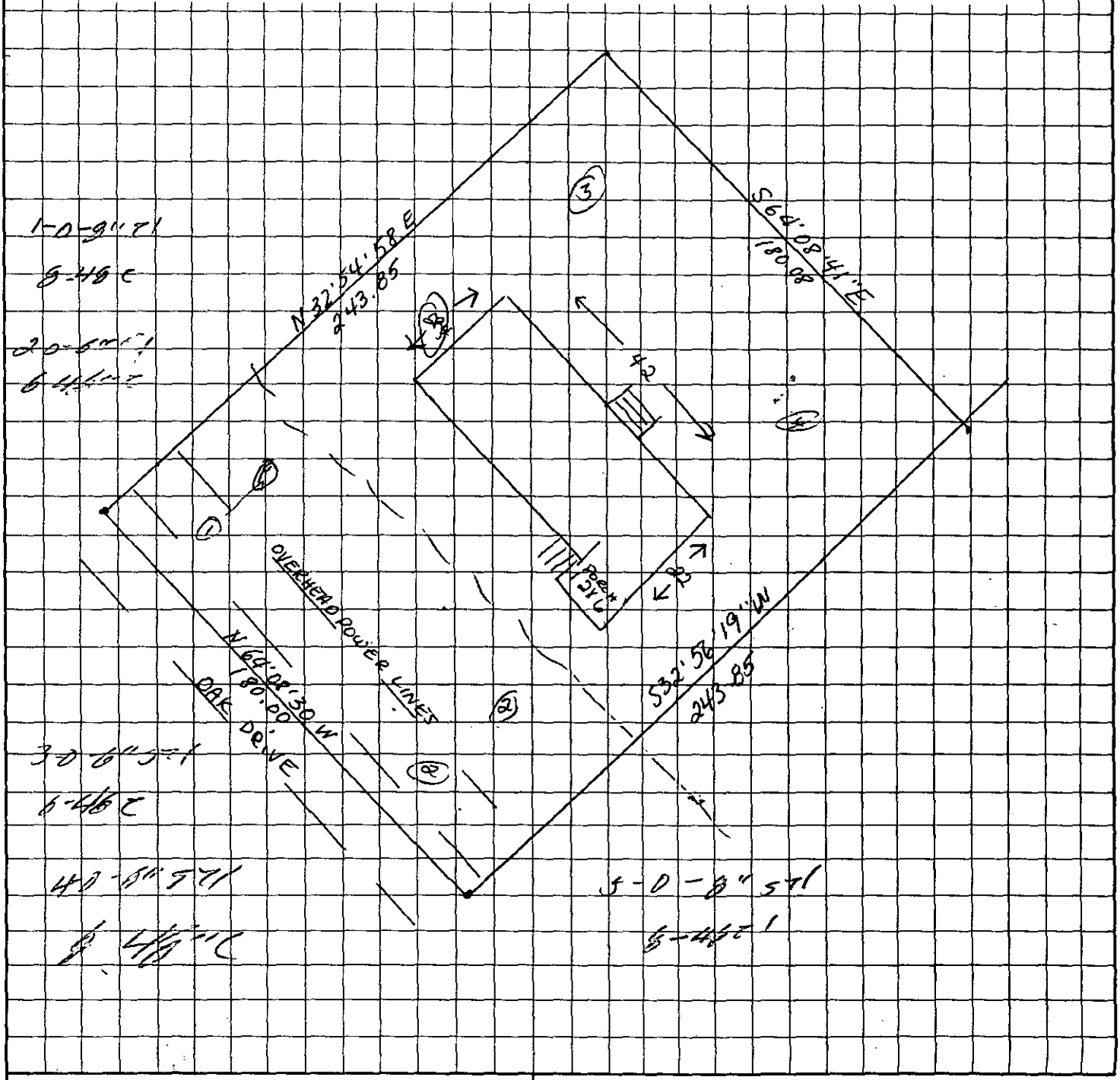
PROPOSED PLOT PLAN

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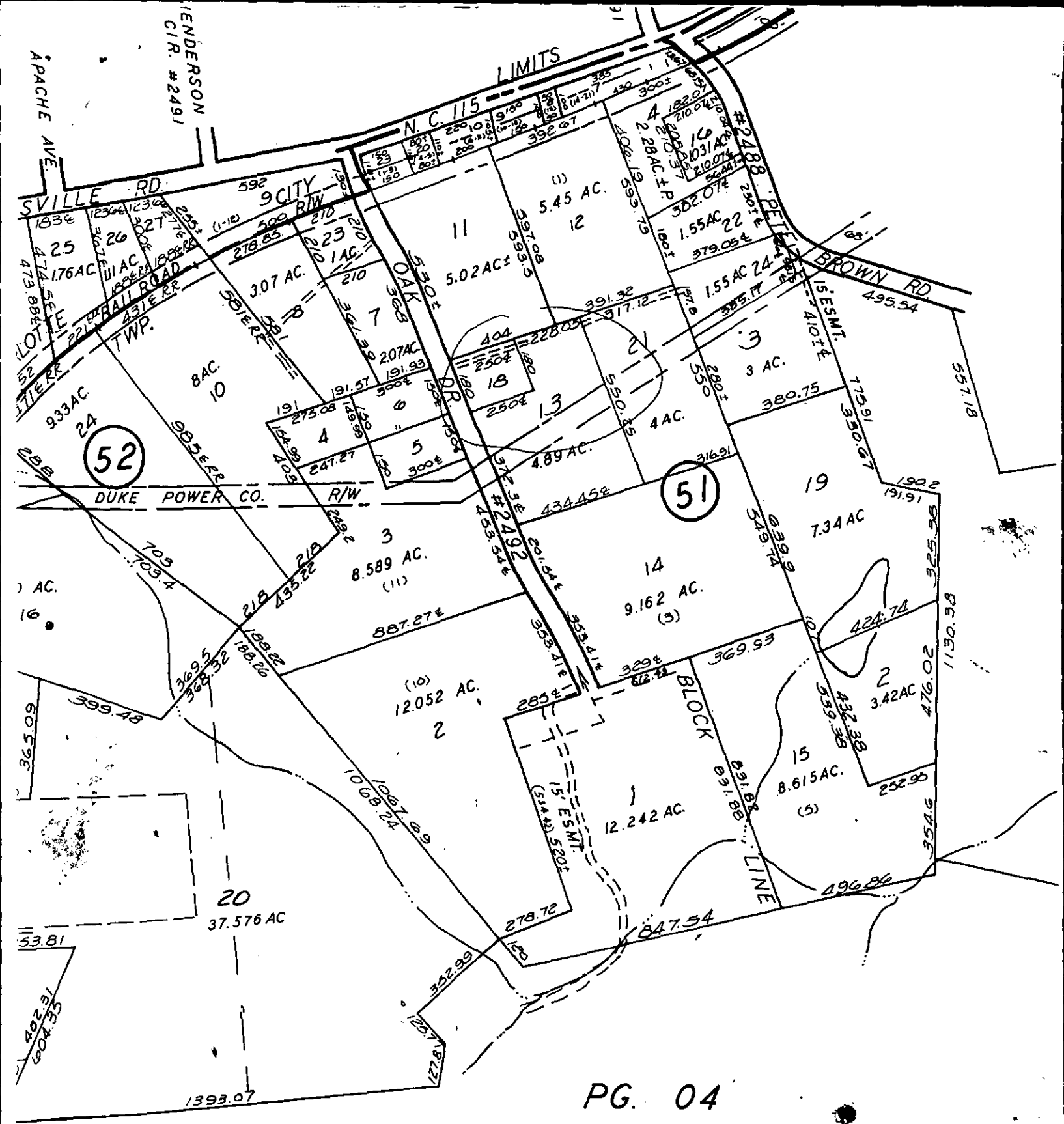


Jim Walter Homes
OWNER/AGENT SIGNATURE

DATE 12-4-96

APPROVAL DATE _____

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



1667B

TAX LINE
MECKLENBUR
REVISED 5

FOR TAX PURPOSES ONLY

[redacted]