

4024 DAVIS DR

23105309

5/12/08

marliwr

Groundwater and Wastewater Services File Imaging Project
May 2007
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2007 ALTERATION OK

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 4847 A WASPS App #: 20T2940

Primary ES assigned to project: [redacted] YJ

Secondary ES assigned to project:

Project Type: New System ☐ Alteration ☑ Repair ☐ Modified Plot Plan ☐

I. File Review:

Rule or Law				
	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☐	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☐
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☐
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☐	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?	Yes ☐	No ☐	N/A ☐
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☐	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: ____ Were sufficient auger borings made?	Yes ☐	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR	Yes ☐	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☐	No ☐	N/A ☐
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☐	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☐	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☐	No ☐	N/A ☐
	Operation Permit			
.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

IA issued date: 1-10-08

OP issued date: 1-14-09

Review performed by: [signature]

Date performed: 1/10/07

1-15-08

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 #: 4847A Permit #: _____ Tax Parcel #: 231-053-09

Property Owner: Marcela Garcia Katraba

Job Location Address: 4024 Davis Dr.

City: Charlotte State: NC Zip Code: 28270

Installation Approval Issuance Date: 01-10-2008

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 02-10-2008, 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: 600 GPD

Site LTAR: .35 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: N/A gallons

Drainfield Design ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 85' feet

# of Lines: 1 @ 85 feet

Depth of Media: 12 inches (Type) 25% Reduction

Distribution Device: D-Box

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: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 100 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

Install according to plot plan on file.

24" Trench Depth

Comments: System Classification & Type: IIIg

DENR Authorized Agent: Jeremy Mickel Signature: Jeremy Mickel

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
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NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 4847A Permit #: _____ Tax Parcel #: 231-053-09

Property Owner: Marcela Garcia Katraba

Job Location Address: 4024 Davis Dr.

City: Charlotte State: NC Zip Code: 28270

Operation Permit Issuance Date: 01-14-2008 Contractor Name: Larry Norwood

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 Existing gallons

Liquid Capacity of Dosing Tank: N/A gallons

Effluent Pump Model: N/A

Drainfield Installation ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 851 feet

# of Lines: 1 @ 85 feet

Depth of Media: 12 inches (Type) Quick 4

Depth of Cover: 12 inches

Distribution Device: D-Box

Inspection Dates

Tank(s) Inspected: _____

Excavation Inspected: 01-14-2008

Pump & Controls Inspected: _____

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

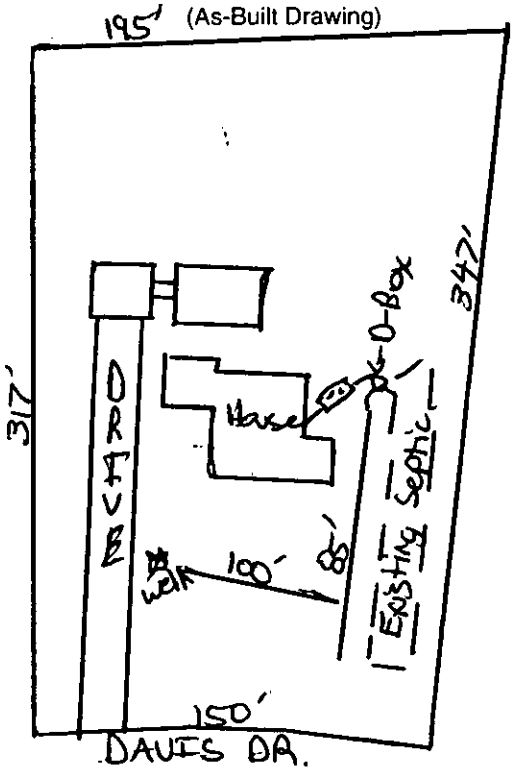
# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 100 feet

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: IIIg

DENR Authorized Agent: Jeremy Michael Signature: 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

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

File #: 4847A Permit #: _____ Tax Parcel #: 231-053-09

Property Owner: Marcela Garcia Katraba

Job Location Address: 4024 Davis Dr.

City: Charlotte State: NC Zip Code: 28270

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

_____

_____

_____

_____

DENR Authorized Agent: Jeremy Michael Date: 01-14-2008

Signature: Jeremy Michael

CONDITIONS OF IMPROVEMENT PERMIT for an ALTERATION TO AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit Number: **4847B** Tax Number: **23105309**

- 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 Approved
☐ Innovative or Experimental:

0.3 Long-term acceptance rate (GPD/ft^2)	0.35 Max gallons/day wastewater flow	255 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☒ Yes ☐ No	1500 Gallon septic tank	85 Total trench length (ft)	24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
5 Bedrooms in residence	N/A Gallon pump tank	12 Depth of media (in)	

Any surface water present: **N** 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 Approved
☐ Innovative or Experimental:

255 Absorption Area (ft^2) 85 Total trench length (ft)	12 Depth of media (in)	9 Trench spacing (min. on centers) (ft)	24 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 Approval is granted by this Department.

*** This Improvement permit is transferable.

Jeremy Michael 11-05-2007
DENR Authorized Agent Date

Owner/Agent Signature 11/28/07
Date

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

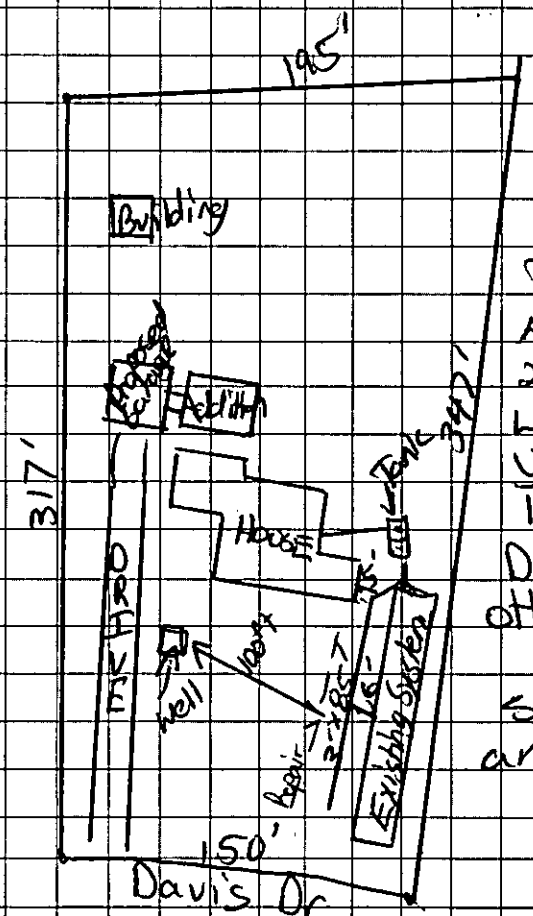
PROPOSED PLOT PLAN

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

FILE: 4847A

TC: 23105309

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.



Existing 4BR
Adding 1 BR

Total 600 GPD
Add (1) 3'x85' Line
25% Reduction
LTAR 0.35
Use Existing Tank
Tie into existing
D-Box if possible
otherwise set another
Setbacks
stay 100' off well
and 5' off house

OWNER/AGENT SIGNATURE

DATE 11-28-07

APPROVAL DATE 10-22-07

Jeremy Michael

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

FEE: 0.00
DATE: 11/28/2007

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 4847A

PERMIT NUMBER: 4847A

PARCEL NUMBER: 23105309

JOB LOCATION INFORMATION

ADDRESS: 4024 DAVIS DR

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28270

ISSUED TO: MARCELA GARCIA KATRABA

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 11/28/2007

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER , 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 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.
   *CONSTRUCTION AUTHORIZATION EXPIRATION DATE: 11/28/2012

2856 JM Pd 10/23/07 2940

FEE: 100.00
DATE: 10/18/07
CRT # CK# 1356

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM
MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

GWS – UES.APP 06/07

FILE #: 4847A

TYPE APPLCATION:

- ☑ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- ☐ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- ☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- ☐ COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION:

NAME: Marcela Garcia Kotraba
ADDRESS: 4024 Davis Dr.
CITY: Charlotte
STATE: NC ZIP: 28270
PHONE: 704-606-4920
ALTERNATE PHONE: 704-708-8830

PROPERTY OWNER:

NAME: Marcela Garcia Kotraba
ADDRESS: 4024 Davis
CITY: Charlotte
STATE: N.C. ZIP: 28270
PHONE: 704-606-4920
ALTERNATE PHONE: 704-708-8830

JOB LOCATION INFORMATION

TAX/PARCEL #: 23105309
STREET ADDRESS: 4024 Davis Dr.
CITY: Charlotte, N.C.
STATE: NC ZIP: 28270
SUBDIVISION OR MOBILE HOME PARK NAME:

LOT #: 3 Block 7

TOWNSHIP:

- ☐ 0-MECKLENBURG
- ☑ 1-CHARLOTTE
- ☐ 2-DAVIDSON
- ☐ 3-CORNELIUS
- ☐ 4-PINEVILLE
- ☐ 5-MATTHEWS
- ☐ 6-HUNTERSVILLE
- ☐ 7-MINT HILL

WATER SUPPLY:

- ☐ MUNICIPAL (M)
- ☐ COMMUNITY (C)
- ☑ PRIVATE WELL (P)
- ☐ SHARED WELL (S)
- ☐ OTHER 'SPRINGS' (O)

RESIDENTIAL PROPERTY TYPE:

- ☑ HOUSE (H)
- ☐ MODULAR HOME (M)
- ☐ MULTIPLE FAMILY (U)
- ☐ SINGLE MOBILE HOME (S)
- ☐ DOUBLE WIDE (D)
- ☐ OTHER (O)

OCCUPANCY (both fields are required):

NUMBER OF BEDROOMS: ~~3~~ 4
NUMBER OF OCCUPANTS: 3

COMMERCIAL / INDUSTRIAL PROPERTY TYPE:

TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:

INDUSTRIAL WASTES? ☐ YES ☐ NO
UNDERGROUND STORAGE TANKS? ☐ YES ☐ NO

ADDITION TYPE ATTACHED TO EXISTING STRUCTURE:

- ☑ BEDROOM
- ☑ BATHROOM
- ☑ KITCHEN
- ☐ DINING ROOM
- ☐ LIVING ROOM
- ☐ DEN
- ☐ GARAGE
- ☐ SUNROOM
- ☐ PORCH
- ☐ DECK
- ☐ OTHER

ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:

- ☐ DETACHED GARAGE
- ☐ DETACHED GARAGE WITH PLUMBING
- ☐ POOL HOUSE
- ☐ SHOP
- ☐ BARN
- ☐ STORAGE SHED
- ☐ DETACHED PORCH / DECK
- ☐ OTHER

*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 — 10-18-07 Date

*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 Sanitary Sewage Collection, 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 y this Department.
- This permit is not transferable.

☐ ADDITION / RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE

System Alteration is needed
Use - existing Denied
Jeremy Mabe 10-22-07
EHS Signature Date

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

Sheet: 1 of 2
Property ID: 23105309
Lot #:
File #: 4847A
AppID: 2856

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Marcela Garcia Kotraba
Applicant: Same
Address: 4024 Davos Dr,
Date Evaluated: 10/22/2007
Proposed Facility: Residence
Design Flow (.1949): 600GPD
Property Size:
Location of Site:
Property Recorded:
Water Supply: [ ] Public [ ] 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 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	2%	0-12	GR/SL	NS,NP,Fri		36"			PS, III
		12-36	WSBK/SCL	SS,SP,Fri					0.35GPD/Ft^2
		36-48	Mas/SL Sap				36"		

Description	Initial System	Repair System
Available Space (.1945)	Existing	PS
System Type(s)	IIa	IIIg
Site LTAR		0.35

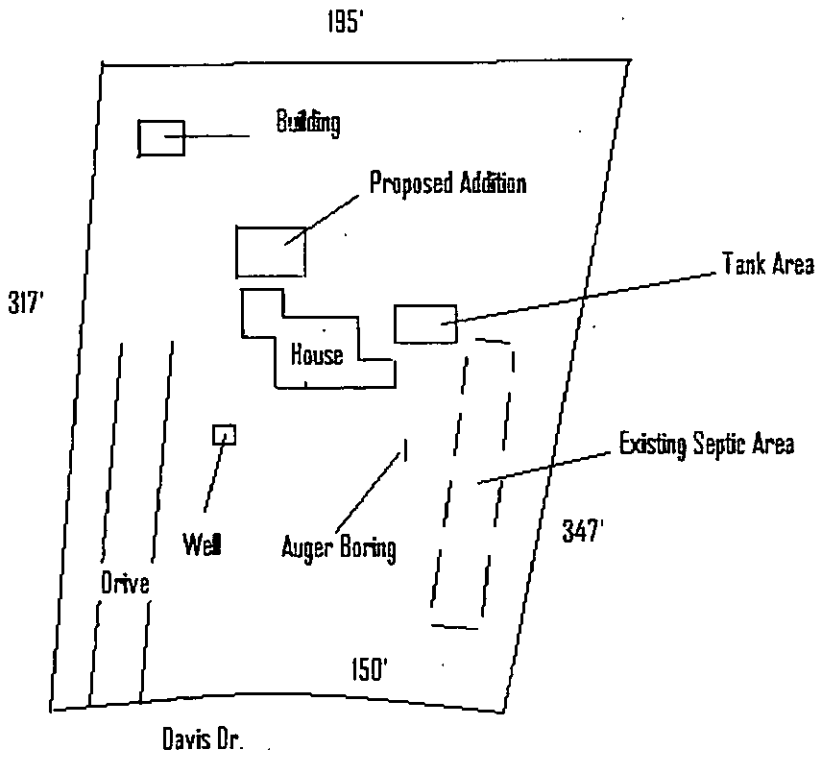
Other Factors (.1946):
Soil Evaluation By: Jeremy Michael
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Jeremy Michael
Others Present:

COMMENTS: FILE #: 4847A

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				
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	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

October 22, 2007

Marcele Garcia Kotraba
4024 Davis Dr.
Charlotte, NC 28270

Re: Application for approval to use an existing on-site wastewater treatment & disposal system.
Property Location: 4024 Davis Dr.
Health Department file number: **4847A**

Dear Property Owner or Owner's Agent:

On October 27, 2007 the Mecklenburg County Health Department, Groundwater & Wastewater Services Section, evaluated the above-referenced property to determine if approval to use an existing on-site wastewater treatment & disposal system could be granted for your proposed project. This evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes, Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules, and the Mecklenburg County Groundwater Well Regulations.

Based on the information provided in the application, dated October 18, 2007, and findings from the site evaluation conducted by our office, your request for approval to use an existing on-site wastewater treatment & disposal system is **not** being granted. This decision is based on the following conditions that were identified during the site visit:

- ☐ The existing on-site wastewater treatment & disposal system was not functioning properly at the time the site evaluation was conducted.
- ☐ The proposed plans do not meet the required setbacks for the on-site wastewater treatment & disposal system serving the property.
- ☐ The proposed plans do not meet the required setbacks for the reserved repair area for an on-site wastewater treatment & disposal system.
- ☐ The proposed plans do not meet the required setbacks for water supply wells.
- ☒ The proposed project will exceed the permitted daily design flow for the existing on-site wastewater treatment & disposal system. System alteration will be required in order to accommodate your proposed project.

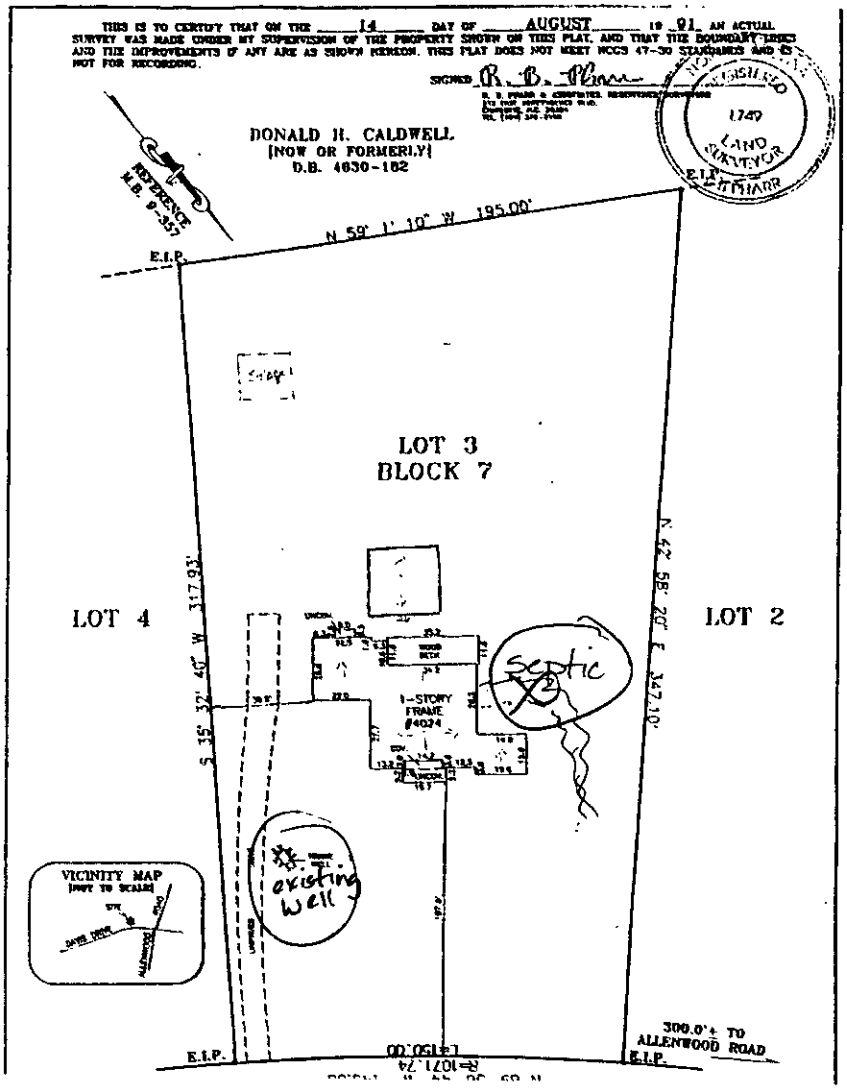
If you need any additional information or assistance please contact our office at (704) 336-5103.

Sincerely,

Jeremy Michael

Jeremy Michael
Environmental Specialist

Encl: (1) Application


THIS IS TO CERTIFY THAT ON THE 14 DAY OF AUGUST 19 91 AN ACTUAL SURVEY WAS MADE UNDER MY SUPERVISION OF THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE BOUNDARY LINES AND THE IMPROVEMENTS IF ANY ARE AS SHOWN HEREON. THIS PLAT DOES NOT MEET WCCS 47-30 STANDARDS AND IS NOT FOR RECORDING.
SIGNED R. B. Pharr
REGISTERED 1749 LAND SURVEYOR
DONALD H. CALDWELL
(NOW OR FORMERLY)
D.B. 4630-162
REFERENCE M.B. 9-353
N 59° 1' 10" W 195.00'
E.I.P.
LOT 3
BLOCK 7
LOT 4
LOT 2
S 35° 37' 40" W 317.93'
N 42° 58' 20" E 347.10'
1-STORY FRAME #4024
Septic
existing well
VICINITY MAP
E.I.P.
E.I.P.
300.0'± TO ALLENWOOD ROAD

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	11/02/07	**Amount:**	200.00
Receipt #:	53505	**Tendered:**	200.00
Check / Auth #:	CHECK 2033	**Returned:**	0.00
Received By:	EDWARMT		

Account Information

Account #: 200000
Contractor: KOTRABA, MARCELLA
Attn: PREMIERE OF YORK
Address: 8318 PINEVILLE MATTHEWS
Address:
City/State/Zip: CHARLOTTE, NC 28226

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen ALTERATIONS TO AN EXISTING SEPTIC, NEW PERMIT		1	200.00	200.00

----------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: 10/18/07
Receipt #: 53244
Check / Auth #: CHECK 1356
Received By: GLADNAG

Amount: 100.00
Tendered: 100.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: KOTRABA MARCELA & ROBERT
Attn:
Address: 4024 DAVIS DR
Address:
City/State/Zip: CHARLOTTE, NC 28070

Item	Description	Permit#	Quantity	Unit Price	Total Price
0705	MH Exc/Add/Repl w/o System Mod 4024 DAVIS DR		1	100.00	100.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
25.00					

FEE: $100.00 VW
DATE: 7/7/05
CRT: Check #113

Not On WD

GWS – UES.APP 01/05

FILE #: 184-A

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & MECKLENBURG COUNTY - GROUNDWAT

700 N. Tryon St., Suite 211 C
Phone: (704) 336-5103 Fax:

COPY

AGS

TYPE APPLCATION:

- ☑ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- ☐ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- ☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- ☐ COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION:

NAME: Marcela Garcia
ADDRESS: 4024 Davis Dr.
CITY: Charlotte
STATE: NC ZIP: 28270
PHONE: 704-606-4920
ALTERNATE PHONE: Same

PROPERTY OWNER:

NAME: Marcela Garcia
ADDRESS: 4024 Davis Dr.
CITY: Charlotte
STATE: NC ZIP: 28270
PHONE: 704-606-4920
ALTERNATE PHONE: Same

JOB LOCATION INFORMATION

TAX/PARCEL #: 23105309
STREET ADDRESS: 4024 Davis Dr.
CITY: Charlotte
STATE: NC ZIP: 28270
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 3 Block 7

7/12/05
Adding Kitchen & bedroom

TOWNSHIP:

- ☐ 0-MECKLENBURG
- ☑ 1-CHARLOTTE
- ☐ 2-DAVIDSON
- ☐ 3-CORNELIUS
- ☐ 4-PINEVILLE
- ☐ 5-MATTHEWS
- ☐ 6-HUNTERSVILLE
- ☐ 7-MINT HILL

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ COMMUNITY (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

RESIDENTIAL PROPERTY TYPE:

☑ HOUSE (H) ☐ MODULAR HOME (M) ☐ MULTIPLE FAMILY (U)
☐ SINGLE MOBILE HOME (S) ☐ DOUBLE WIDE (D)
☐ OTHER (O)

NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 4

COMMERCIAL / INDUSTRIAL PROPERTY TYPE:

TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:

INDUSTRIAL WASTES? ☐ YES ☐ NO
UNDERGROUND STORAGE TANKS? ☐ YES ☐ NO

ADDITION TYPE ATTACHED TO EXISTING STRUCTURE:

☐ BEDROOM ☐ BATHROOM ☑ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☐ DEN
☐ GARAGE ☐ SUNROOM ☐ PORCH ☐ DECK ☐ OTHER

ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:

☐ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

*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

6/29/05
Date

*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 Sanitary Sewage Collection, 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 y this Department.
- This permit is not transferable.

☐ ADDITION / RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE

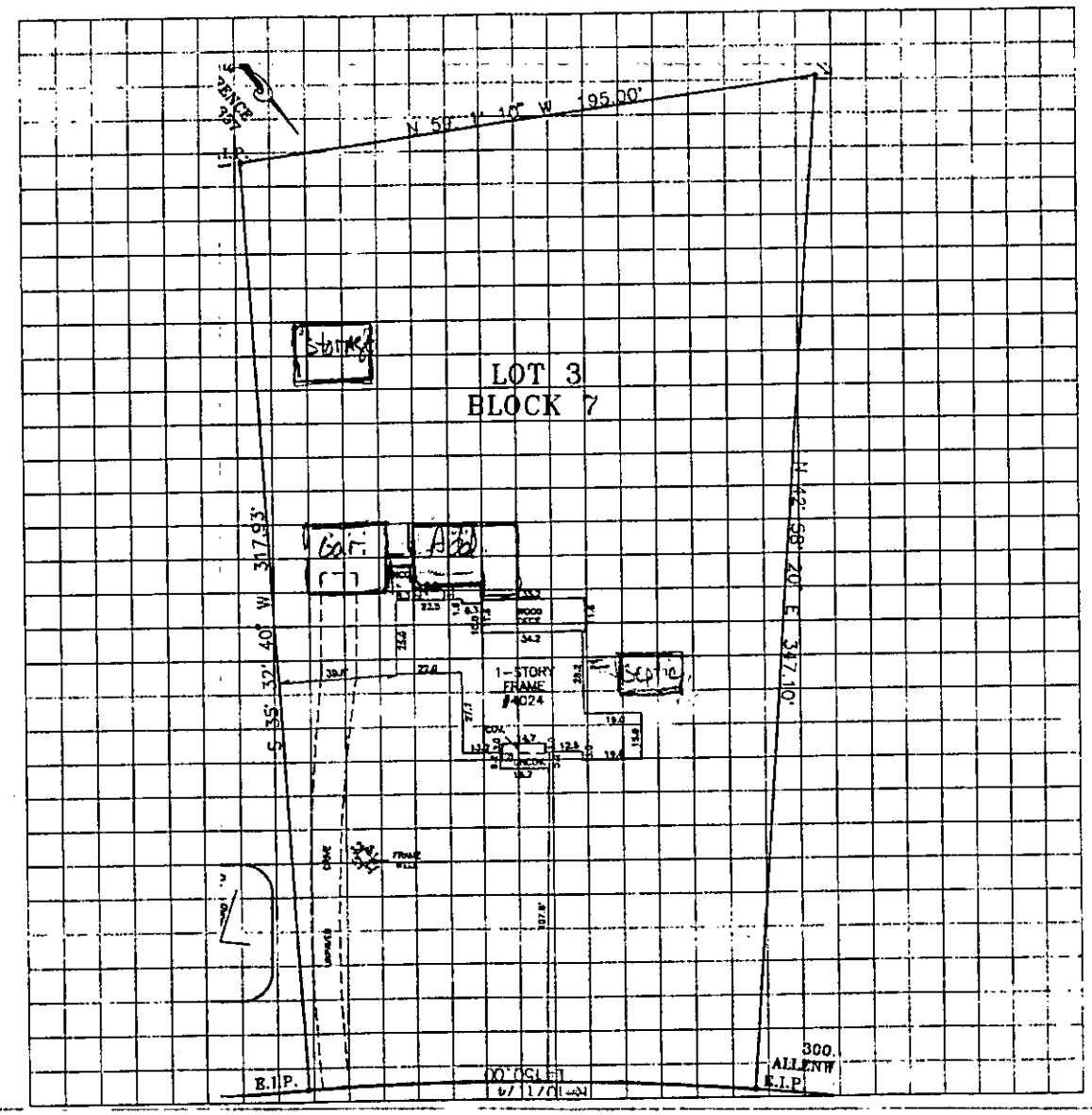
Approval granted for a garage, kitchen & bedroom addition
Phil S. Walker RS 7/14/05
EHS Signature Date
use existing system

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 # 4847
Date 7/7/05

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

Date 6/29/05

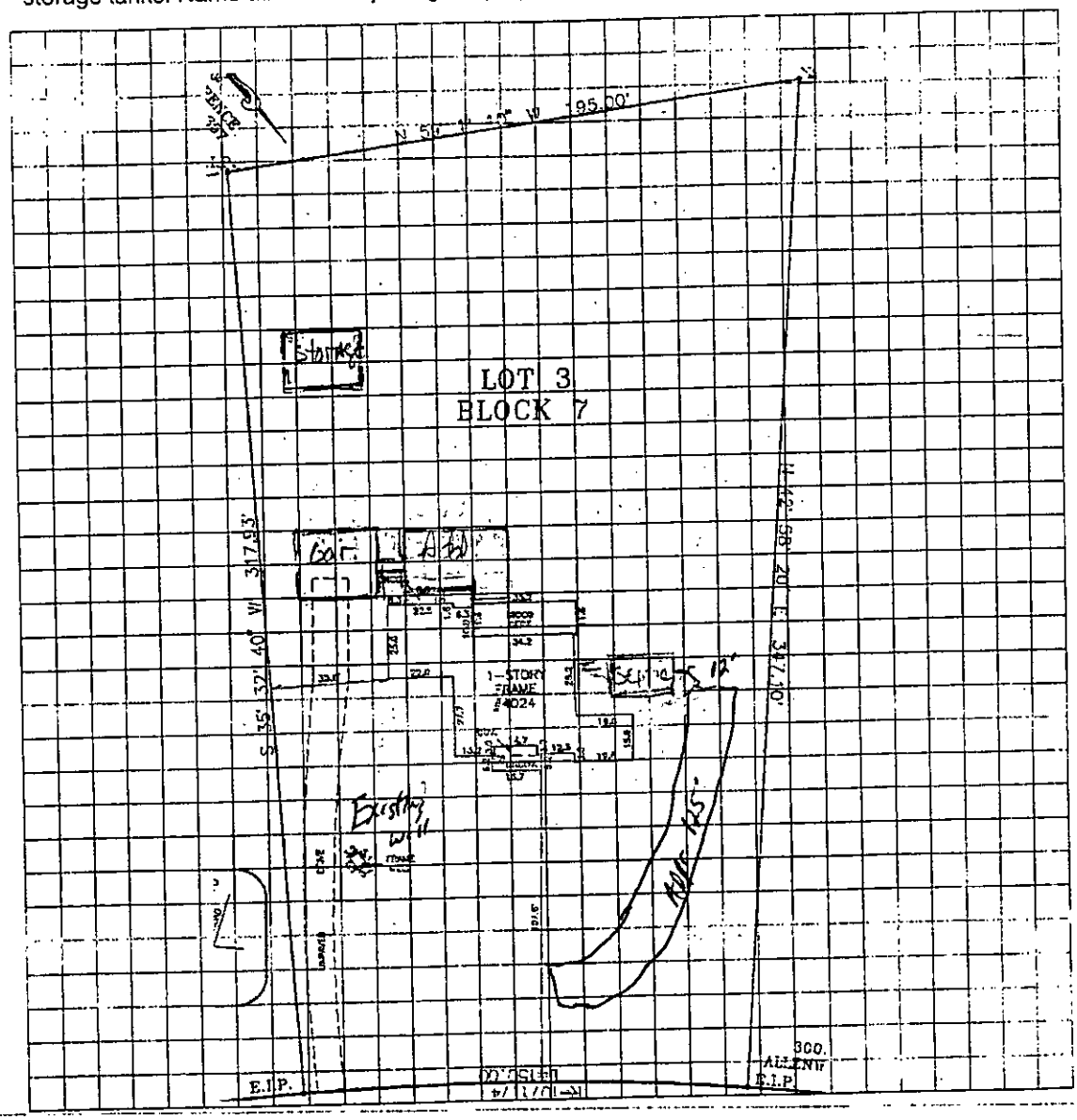
LBC 12/15/04

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 # 4847
Date 7/7/05

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

Date 6/29/05

LBC 12/15/04

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
AUG 8 1988

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

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

(OFFICE USE ONLY) 4847A.
FILE: ~~4844A~~
TC: 231-053-09 Cash #20.00
SERIAL: № 16694
☐ L ☑ CRT

JOB LOCATION

① ADDRESS: 4024 (STREET NO.) Davis (STREET) Dr. ② FILE:
③ JURISDICTION: ④ TAX PARCEL NO.: 231-053-09
⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: Avjois (FIRST) Sahagian (MIDDLE) (LAST)
⑨ MAILING ADDRESS: 4024 Davis Dr
⑩ CITY: Charlotte ⑪ STATE: N. C ⑫ ZIP:
⑬ PHONE: (WORK) ⑭ (HOME) 846-4518

REQUEST

This request is for a(n):

⑮ ☐ New permit
⑯ ☑ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
⑱ ☑ Other (specify) Add to BedRoom - Bath with Garage into Family Room ½ Bath ENLARGE

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 4 ㉕ Type?
㉓ Maximum occupancy? 4 ㉖ Maximum number of employees?
㉔ Basement? ☐ yes ☑ no ㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system — Use Existing System

㉙ The undersigned, 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: Rachel KAR Builders Inc
Date: Aug 8/88

IMPROVEMENT PERMIT

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 Sanitary Sewage Collection, 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 permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance. Plot plan indicates that the addition will be a min. of 5 ft from the foundation to the septic tank

B. R. Ferguson — Environmentalist — 8-12-88 — Date

Director or Authorized Section Head — 8-12-88 — Date

This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

PROPOSED PLOT PLAN

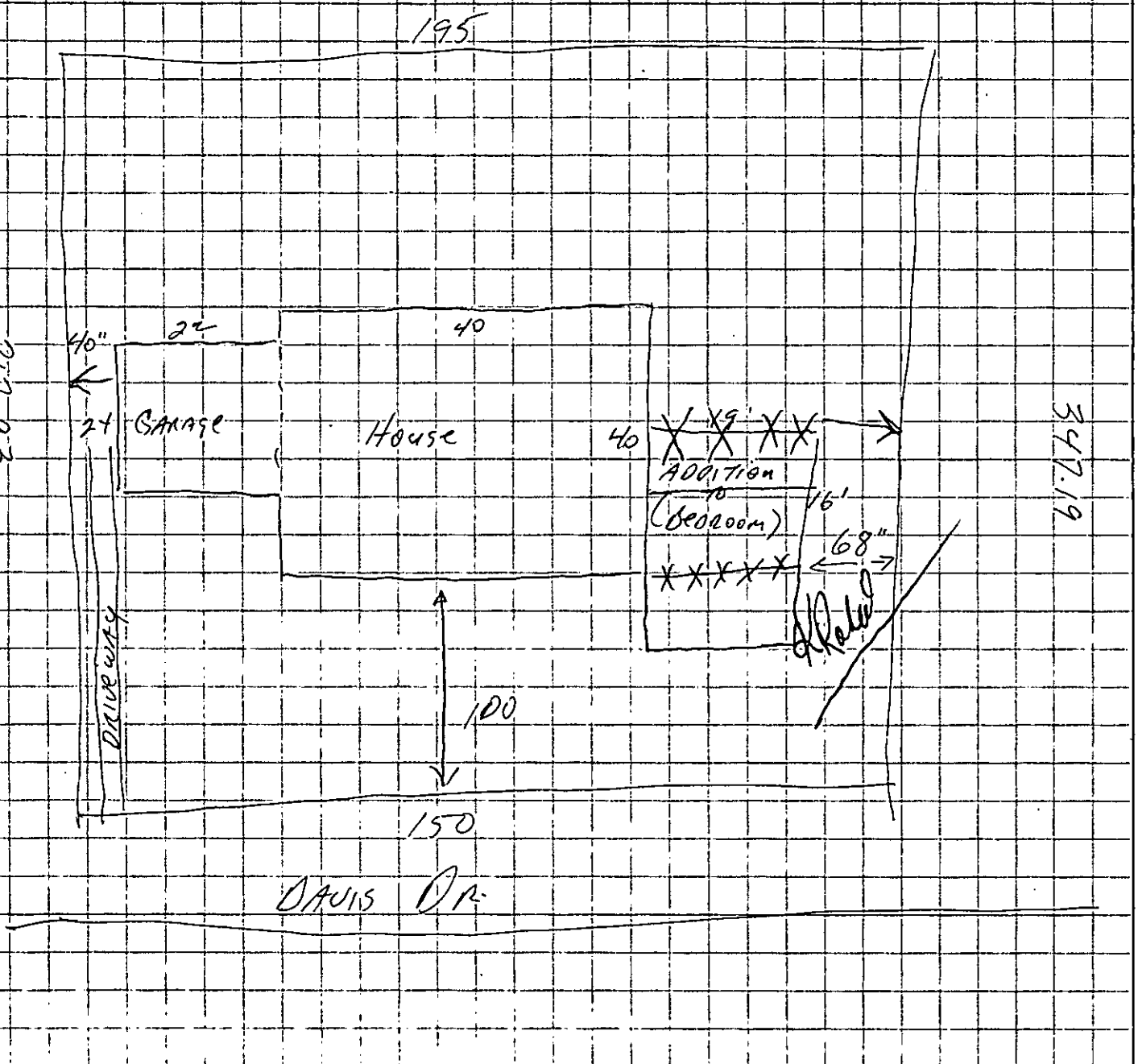
MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 4849A.

TC: 231-053-09

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.



Signed: K.A.R. Burgess

Date: Aug 8/88