

12216 MAYES RD

01123118

5/2/08

marliwr

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: 3022A DATE: 9/18/03

TC: 011-231-18 ☒ L ☒ CRT

SERIAL 19212

Name of Owner Keith Thompson Juris.: _____

Address of Property 12216 Mayes Road

Inspection Data:

Tank Material PCC

Total Length of Drainfield 150'

Number of Lines 2 @ 75'

Cover Depth 16"

Water Supply Source well

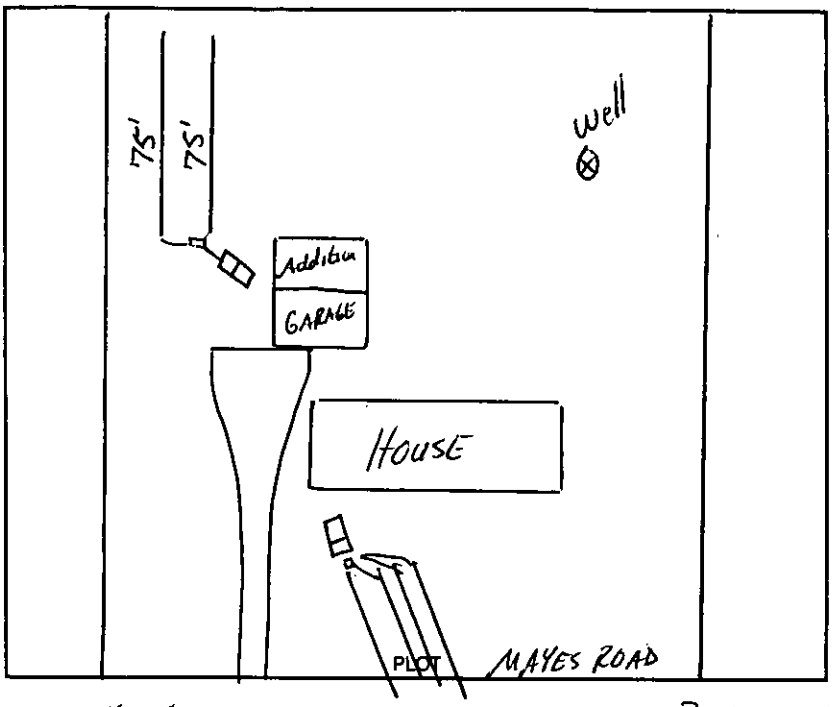
Distance to Water Source >50'

Excavation Inspected 9/18/03

Tank(s) Inspected 9/18/03

Wash Line Inspected NA

High Water Alarm Inspected NA



Design 1000 ST, 450 SFT, CON, 12" stone CTR# Richard Abernathy

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: One Bedroom Garage Apartment
2 lines x 75' x 3' x 12" stone
Type II Conventional System

Tommy Mickler R.S.
Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

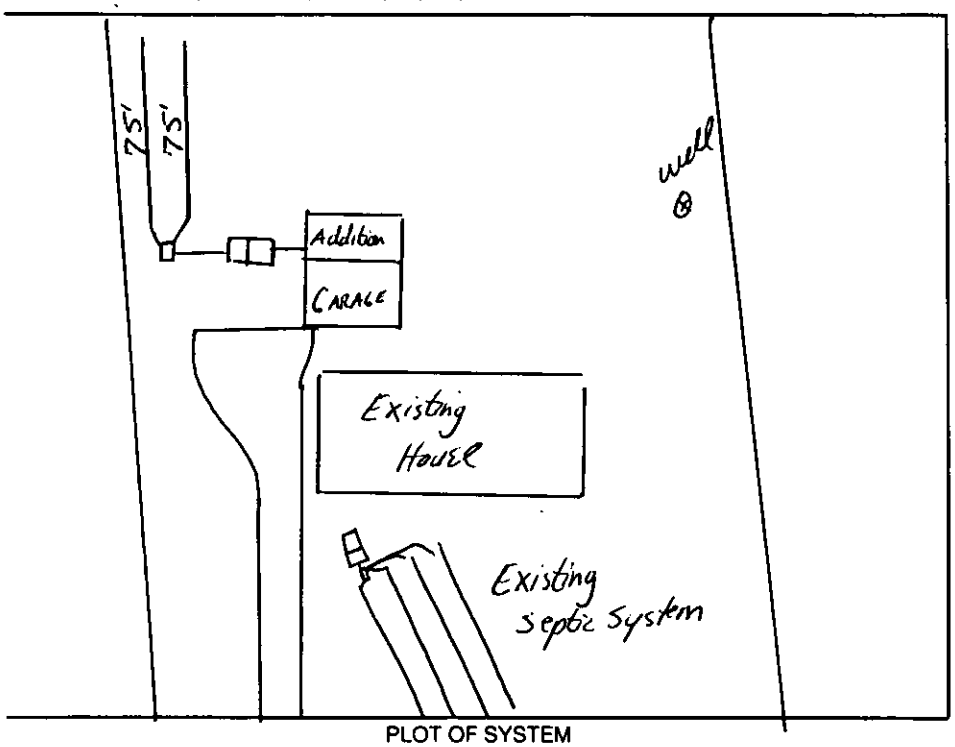
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3022A DATE: 9/18/03

TC: 011-231-18 ☐ L

SERIAL 19428

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 07/02/03. All work shall be completed on or before _____, 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 1000 gallons

Liquid Capacity of Dosing Tank NA gallons

Tank Construction PCC

Trench Depth 24-30"

Absorption and/or Nitrification Lines:

Trench Width 3' feet

Trench Walls Scored and Porous yes

Total Line Length 150' feet

Number of Lines 2 x 75'

Depth of Stone 12" inches

Distance from House >5' feet

Distance from Property Line >10' feet

Distance from Well >50' feet

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

NAME OF OWNER Keith Thompson

LOCATION OF PROPERTY 12216 Mayes Road

Comments: System designed for One bedroom Room Addition
Install 1,000 gallon Septic Tank
Install 2 lines x 75' x 3' x 12" stone
Type II Conventional System

Jimmy Mackie R.S.
Environmental Health Specialist

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

oo ck# 1912

ACS LD

FEE: 300 **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: Wastes gc **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: _____ **PERMIT NO:** 3022A
PARCEL NO: 011-231-18

JOB LOCATION ADDRESS: 12216 Mayes Road
PROPERTY OWNER: Keith Thompson
BUILDING CONTRACTOR: Mike Helms
SUBDIVISION NAME: NA
AUTHORIZATION ISSUED BY: [signature] R.S. **DATE:** 7/14/03
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 3022A, 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: Install 2 lines x 75' (150 TLF) for the addition of a bedroom suite

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.

X [signature] 07-15-03
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

P.# 44260

Permit Number: 3022A

CONDITIONS OF IMPROVEMENT PERMIT

Tax Number: 011-231-18

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 X 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	120 Max gallons/day wastewater flow	450 Absorption Area (sq ft)	9' Trench spacing (min. on centers)
YES Serviced by private well	1000 Gallon septic tank	150 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 5 Bedroom Addition	NA Gallon pump tank	12" Depth of stone	

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

Site modifications required:

Additional Conditions:

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

450 Absorption Area (Sq ft) 150' 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.

Tony Medlin R.S. 7/14/03
DEHNR Authorized Agent Date

X [signature] 07-15-03
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

3022A

011-231-18

THIS IS TO CERTIFY THAT ON THE 2ND DAY OF APRIL 20 02 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 MEETS THE MINIMUM STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA BOARD RULE .1600 (21 NCAC 56) AND THE RATIO OF PRECISION DOES NOT EXCEED AN ERROR OF CLOSURE OF ONE (1) FOOT PER 10,000 FEET OF PERIMETER SURVEYED NOR 20 SECONDS TIMES THE SQUARE ROOT OF THE NUMBER OF ANGLES TURNED.

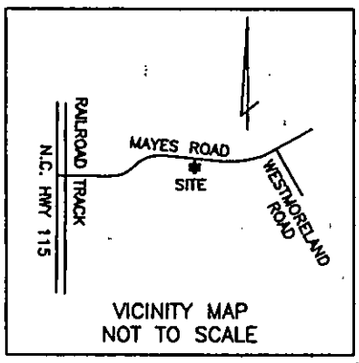
SIGNED James H Mauney

R. B. PHARR & ASSOCIATES, PROFESSIONAL SURVEYORS
16801 S. MAIN STREET
CORNELIUS, NC 28031
TEL: 704-895-1730
FAX: 704-895-1964
EMAIL: PHARRNORTH@RBPHARR.COM

CREW: SW DRAWN: TK REVISED:

3022A

NORTH CAROLINA PROFESSIONAL SEAL L-3885 LAND SURVEYOR JAMES H. MAUNEY, JR.



VICINITY MAP
NOT TO SCALE

REFERENCE DEED BOOK 12120-799

E.I.P.

OFF SITE TIE N 03°22'03" W 207.03'

NOW OR FORMERLY
DENVER A. HAMPTON & WIFE, AVIS
DEED BOOK 7591, PAGE 19
TAX NUMBER: 011-231-15

N 85°23'40" W 88.14' TOTAL

OFF SITE TIE N 85°06'27" W 101.95'

E.I.P.

E.I.P.

87.67'

0.47' N.I.R. E.I.P. ON LINE

LEGEND
E.I.P. = EXISTING IRON PIPE
E.I.R. = EXISTING IRON ROD
N.I.R. = NEW IRON ROD
R/W = RIGHT OF WAY
C/L = CENTER LINE
RD. = ROAD
SQ.FT. = SQUARE FOOT
A/C = AIR CONDITIONER

NOTE:
R/W SHOWN IS BASED OFF 30' FORM C/L ROAD

2 lines x 75' x 3' x 12" slope

10'

1,000 gallon septic tank

WELL

Room Addition

24.1
SHED
22.2
24.1
1 1/2 STORY GARAGE
STEPS

27.0'

STEPS
2.0 OVERHANG
STEPS
A/C PAD
27.0
DECK
8.3
5.7
15.3
4.0
DECK
69.2'
16.6

31.2
1 STORY FRAME #12216
15.4

35.9
5.0
29.3
12.8
22.4
STOOP
STEPS
26.8'
BRICK WALK
2.0 OVERHANG

CONCRETE DRIVE

UNPAVED DRIVE

NOW OR FORMERLY
PAUL L. KELLY & WIFE, DARCEY A KELLY
DEED BOOK 6259, PAGE 634
TAX NUMBER: 011-231-17

S 05°05'00" W 364.81' TOTAL

334.00'

NOW OR FORMERLY
TOMMIE T. MAYES
DEED BOOK 2286, PAGE 316
TAX NUMBER: 011-231-19

N 03°22'03" W 390.51' TOTAL

359.47'

119.5'

James Mauney R.S.
7/14/03

AREA
43,586 SQ.FT.
OR 1.0006 ACRES TOTAL

07-15-03

POWER LINE POLE

R/W

N.I.R. ON LINE

142.18'

N.I.R. ON LINE

S 77°24'55" E

AREA
4,198 SQ.FT.
OR 0.0964 ACRE IN RD. R/W

28.5'

15" RCP

31.04'

ASPHALT PAVEMENT

EXISTING PK NAIL

S 76°48'48" E 146.99'

EXISTING PK NAIL

MAYES ROAD
S.R. #2433 PUBLIC R/W

R/W

POLE

SURVEY OF:
1.0006 ACRES PARCEL AS SHOWN
HUNTERSVILLE TOWNSHIP, MECKLENBURG COUNTY
NORTH CAROLINA

PREPARED FOR KEITH THOMPSON & WIFE, ANGELIA THOMPSON

SCALE 1" = 50'

MAP BOOK _____ PAGE _____

DEED BOOK 12120 PAGE 799

TAX NUMBER: 011-231-18

FLOOD CERTIFICATION

THIS IS TO CERTIFY THAT THE SUBJECT PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA AS SHOWN ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FEDERAL INSURANCE ADMINISTRATION, DATED JANUARY 19, 2000

FIRM COMMUNITY PANEL NUMBER 70158 0020 D

55846

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

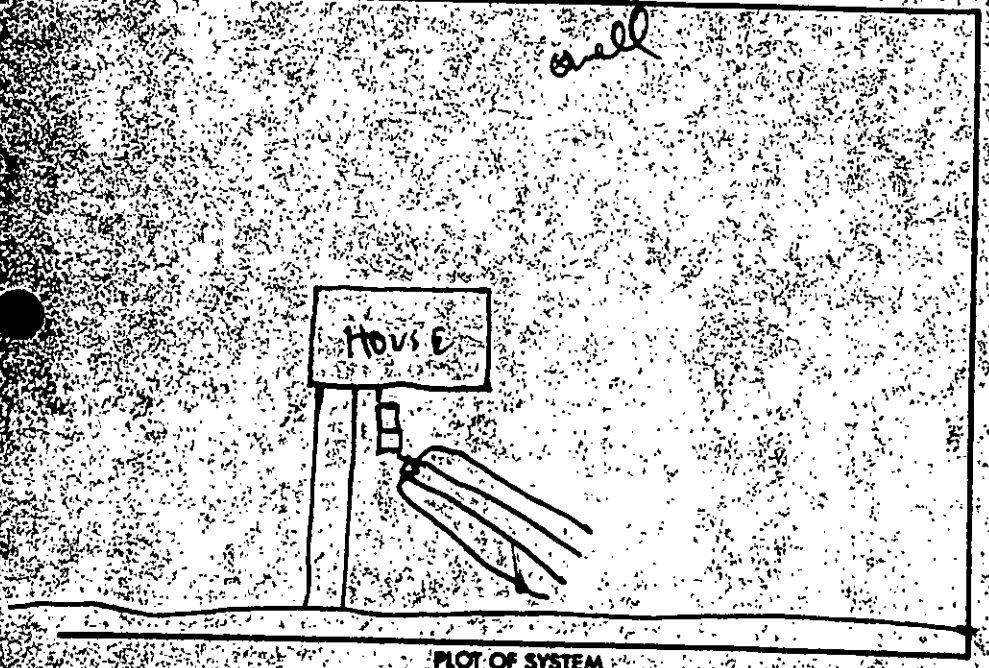
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3022-A DATE: 8-10-87

TC: 011-042-03 ☐ L

SERIAL № 11037

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 5-1-87. All work shall be completed on or before 9-10-87, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .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 Department of Environmental Health 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 / gallons

Tank Construction PVC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

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 50 feet

NAME OF OWNER HARRISON FORREST W.

LOCATION OF PROPERTY 1221 C MAYES RD

Comments: 4 line x 100' long x 3 wide x 12" stone

Division or Section Head

Environmentalist

If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

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

Sheet: 1
Property ID: 011-231-18
Lot #:
File #: 3022A
Code: 1

ACS

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Keith Thompson
Applicant: Mike Helms
Address: 12216 Mayes Road
Date Evaluated: 07/10/2003
Proposed Facility: Residence
Design Flow (.1949): Adding 120gpd
Property Size: 1.0a
Location of Site: 12216 Mayes 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, 5	0-14	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	N/A	NONE	PS, IV .3GPD/FT^2
		14-39	SBK/C	FI/SEXP/S/P					
		39-48	SBK/CL	FR/SEXP/SS/SP					
2	LS, 8	0-11	GR/SCL	"	"	"	"	"	"
		11-42	SBK/C	FI/SEXP/S/P					
		42-48	SBK/CL	FR/SEXP/SS/SP					
3	LS, 5	0-7	GR/SCL	"	"	"	"	"	"
		7-48	SBK/C	FI/SEXP/S/P					

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

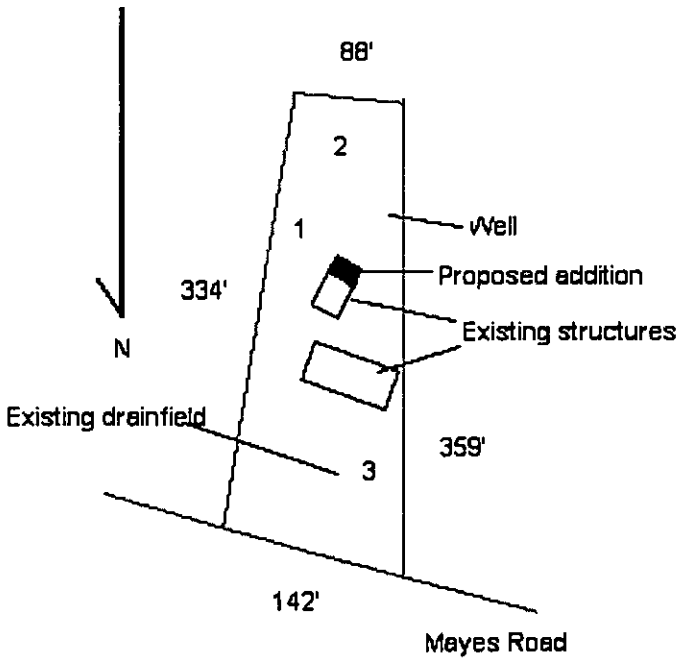
Other Factors (.1946): _____
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/10/2003. W. R. Marlin
Others Present:

FILE # 3022A

COMMENTS: 100% repair

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 – 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT-	0.6 – 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 – 0.1		
		C-CLAY			
		SC-SANDY CLAY			

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: 011-231-18
Lot #:
File #: 3022A
Code: 1

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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Applicant: Mike Helms
Address: 12216 Mayes Road
Date Evaluated: 07/10/2003
Proposed Facility: Residence
Design Flow (.1949): Adding 120gpd
Property Size: 1.0a
Location of Site: 12216 Mayes 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
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		14-39	SBK/C	FI/SEXP/S/P					
		39-48	SBK/CL	FR/SEXP/SS/SP					
2	LS, 8	0-11	GR/SCL	"	"	"	"	"	"
		11-42	SBK/C	FI/SEXP/S/P					
		42-48	SBK/CL	FR/SEXP/SS/SP					
3	LS, 5	0-7	GR/SCL	"	"	"	"	"	"
		7-48	SBK/C	FI/SEXP/S/P					

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

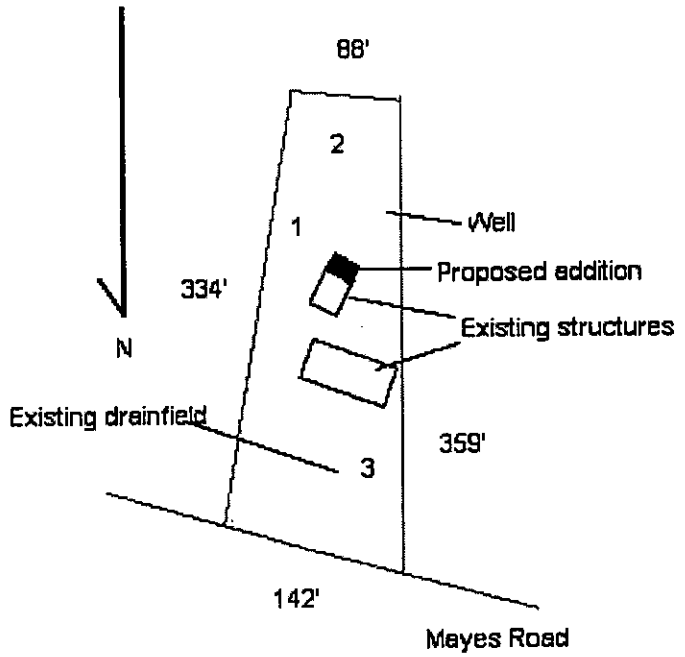
Other Factors (.1946): _____
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/10/2003. W. R. Marlin
Others Present:

FILE # 3022A

COMMENTS: 100% repair

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
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S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 – 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT-	0.6 – 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 – 0.1		
		C-CLAY			
		SC-SANDY CLAY			

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



FEE: 200.00 CK# 1966
DATE: 7/9/03 JC

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 #: 3022A

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 011-231-18

STREET ADDRESS: 12216 MAYES Rd.

SUBDIVISION OR MOBILE HOME PARK NAME: None

LOT NUMBER: None 1987

TYPE OF BUILDING (CHECK ONE):

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

TOWNSHIP (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 598 sq. ft.

NUMBER OF BEDROOMS: 1 NUMBER OF OCCUPANTS: 1

CLOSING DATE_____

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
X 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 X NO TYPE: _____

WATER SUPPLY (CHECK ONE):

__ COMMUNITY (C)
__ MUNICIPAL (M)
X 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
EXISTING WASTEWATER SYSTEMS __ YES X NO
EASTMENTS OR RIGHT-OF-WAYS __ YES X NO
WELL, SPRINGS OR WATERLINES X YES __ NO
DESIGNATED WETLANDS __ YES X NO

PROPERTY OWNER:

NAME: Thompson (LAST) Keith (FIRST) — (MI)

ADDRESS: 12216 MAYES Rd

CITY: Huntersville STATE: N.C. ZIP: 28078

DAYTIME PHONE: 704896-2758

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Helms (LAST) Mike (FIRST) R. (MI) (General Contractor)

DAYTIME PHONE: 704634-2900

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? April 2002

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: Mike R. Helms DATE: 07-02-03

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

LD P# 4/260

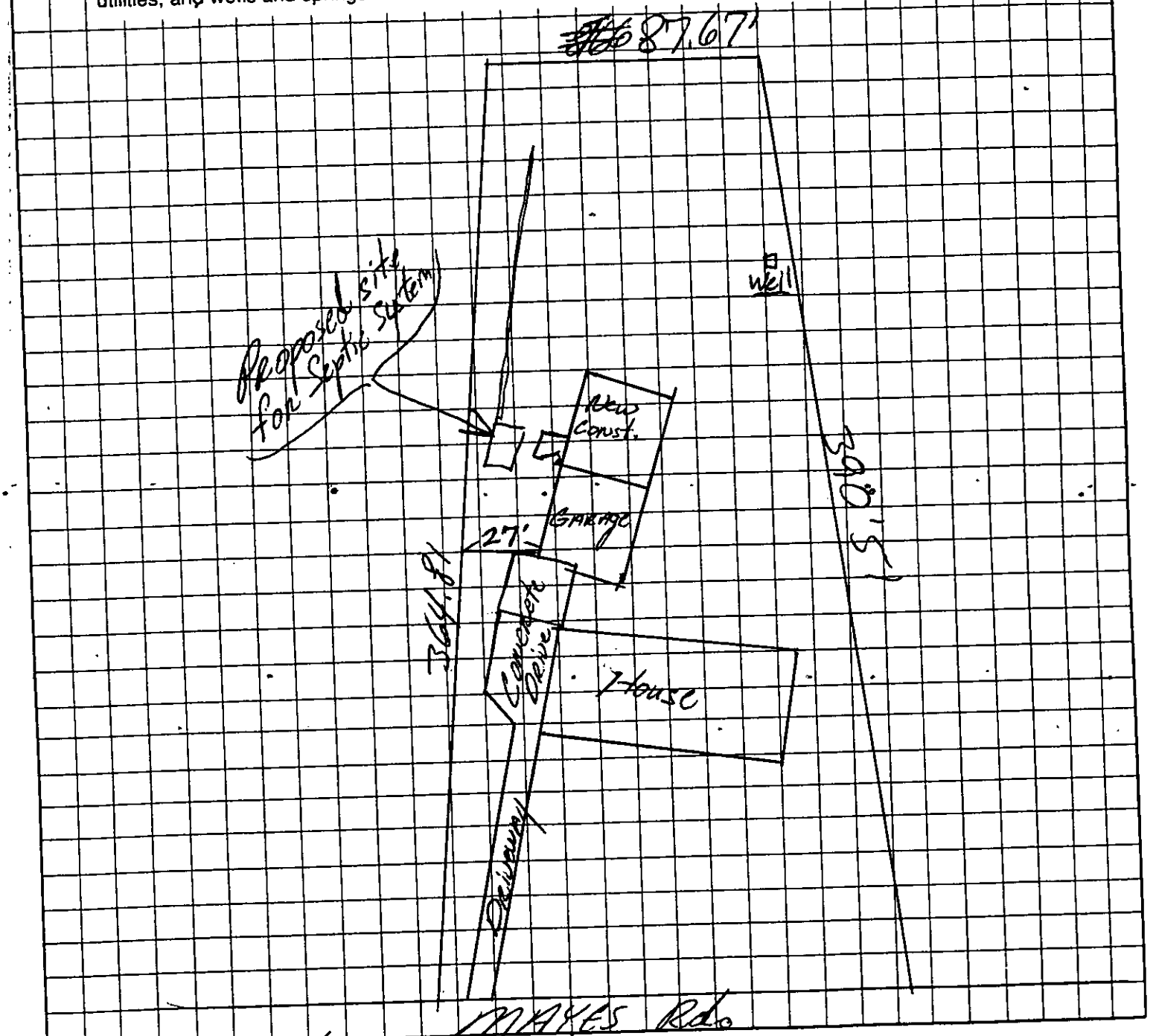
PROPOSED PLOT PLAN

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

FILE: 3022A

TC: 011-231-18

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



OWNER/AGENT SIGNATURE

DATE 01-02-03

APPROVAL DATE _____

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

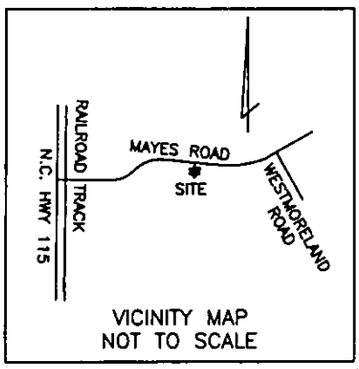
THIS IS TO CERTIFY THAT ON THE 2ND DAY OF APRIL 20 02 AN ACTUAL SURVEY WAS MADE UNDER MY SUPERVISION OF THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE BOUNDARY LINES AND THE IMPROVEMENTS, IF ANY, ARE AS SHOWN HEREON. THIS PLAT MEETS THE MINIMUM STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA, BOARD RULE .1600 (21 NCAC 56) AND THE RATIO OF PRECISION DOES NOT EXCEED AN ERROR OF CLOSURE OF ONE (1) FOOT PER 10,000 FEET OF PERIMETER SURVEYED NOR 20 SECONDS TIMES THE SQUARE ROOT OF THE NUMBER OF ANGLES TURNED.

SIGNED James H. Mauney

R. B. PHARR & ASSOCIATES, PROFESSIONAL SURVEYORS
16801 S. MAIN STREET
CORNELIUS, NC 28031
TEL: 704-895-1730
FAX: 704-895-1964
EMAIL: PHARRNORTH@RBPHARR.COM

CREW: SW DRAWN: TK REVISED:

3022A



VICINITY MAP
NOT TO SCALE

SEAL
L-3885
NORTH CAROLINA
LAND SURVEYOR
JAMES H. MAUNEY, JR.

REFERENCE DEED BOOK 12120-799

E.I.P.

OFF SITE TIE
N 03°22'03" W
207.03'

NOW OR FORMERLY
DENVER A. HAMPTON & WIFE, AVIS
DEED BOOK 7591, PAGE 19
TAX NUMBER: 011-231-15

N 85°23'40" W 88.14' TOTAL
87.67'
0.47' N.I.R.
E.I.P. ON LINE

OFF SITE TIE
N 85°06'27" W
101.95'
E.I.P.
E.I.P.

LEGEND
E.I.P. = EXISTING IRON PIPE
E.I.R. = EXISTING IRON ROD
N.I.R. = NEW IRON ROD
R/W = RIGHT OF WAY
C/L = CENTER LINE
RD. = ROAD
SQ.FT. = SQUARE FOOT
A/C = AIR CONDITIONER

NOTE:
R/W SHOWN IS BASED OFF 30' FORM C/L ROAD

WELL

AREA
39,388 SQ.FT.
OR 0.9042 ACRE
TO ROAD R/W

24.1
7.5 SHED
20.2
1 1/2 STORY GARAGE
24.1
STEPS

27.0'
CONCRETE DRIVE
A/C PAD
STEPS
2.0 OVERHANG
STEPS
27.0 DECK 8.3
5.7
15.3
4.0 DECK
69.2'
16.6
31.2
1 STORY FRAME #12216
15.4
4.0
35.9
3.0
29.3
12.9
STOOP
STEPS
22.4
2.0 OVERHANG
26.8'
BRICK WALK

S 05°05'00" W 364.81' TOTAL
334.00'

NOW OR FORMERLY
PAUL L. KELLY & WIFE, DARCEY A KELLY
DEED BOOK 6259, PAGE 634
TAX NUMBER: 011-231-17

N 03°22'03" W 390.51' TOTAL
359.47'

NOW OR FORMERLY
TOMMIE T. MAYES
DEED BOOK 2286, PAGE 316
TAX NUMBER: 011-231-19

UNPAVED DRIVE

119.5'

AREA
43,586 SQ.FT.
OR 1.0006 ACRES TOTAL

POWER LINE
POLE

R/W
N.I.R. ON LINE
142.18'
N.I.R. ON LINE

AREA
4,198 SQ.FT.
OR 0.0964 ACRE IN RD. R/W

S 77°24'55" E

28.2'
15" RCP
31.0'

ASPHALT PAVEMENT

EXISTING PK NAIL
S 76°48'48" E 146.99'
EXISTING PK NAIL

MAYES ROAD
S.R. #2433 PUBLIC R/W

R/W
POLE

SURVEY OF:
1.0006 ACRES PARCEL AS SHOWN
HUNTERSVILLE TOWNSHIP, MECKLENBURG COUNTY
NORTH CAROLINA

PREPARED FOR KEITH THOMPSON & WIFE, ANGELIA THOMPSON

SCALE 1" = 50'

MAP BOOK _____ PAGE _____

DEED BOOK 12120 PAGE 799

TAX NUMBER: 011-231-18

FLOOD CERTIFICATION

THIS IS TO CERTIFY THAT THE SUBJECT PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA AS SHOWN ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FEDERAL INSURANCE ADMINISTRATION, DATED JANUARY 19, 2000

FIRM COMMUNITY PANEL NUMBER 70158 0020 D

55846