

3107 JAMES RD

10721272

1/7/2008

duponbj

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

Owes
$300

Bldg Permit issued prior to septic approval, thought city sewer was available, hold placed on legacy for septic 7/16/02

SC

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 5000B DATE: 11/11/02

TC: 107 212 72 ☒ L ☐ CRT

SERIAL 19011

Name of Owner M. A Homes Juris.:

Address of Property 3107 James Road

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400'

Number of Lines 4 @ 100'

Cover Depth 8"

Water Supply Source Well

Distance to Water Source 400'+

Excavation Inspected 11/8/02

Tank(s) Inspected 11/8/02

Wash Line Inspected plumb to tank

High Water Alarm Inspected NA

PLOT

Design 2002, 1500 ST, CON, 1200 SFT, 12" stone CTR# McCarver 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 I5A 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 I5A 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: Septic System designed for a 3 bedroom residence, Type IIIa. Stepdowns installed in drainfield

Phillip L. Walker 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

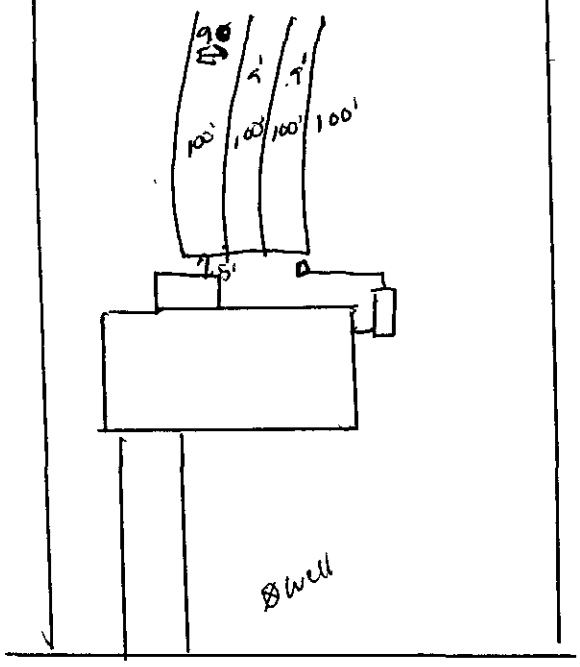
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5000B DATE: 11-1-02

TC: 107-212-12 L

SERIAL 19149

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 6-28-02. All work shall be completed on or before 2-1-03, after which date this permit shall be null and void. The system shall meet all of the construction requirements of I5A 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 — gallons

Tank Construction PCC

Trench Depth 32"

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 >50' feet

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

NAME OF OWNER M.A. JAMES

LOCATION OF PROPERTY 3107 JAMES Road

Comments: _____

Environmental Health Specialist

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

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

DATE: 7-16-02 PERMIT NO: 5000B

PARCEL NO: 107-212-72

JOB LOCATION ADDRESS: 3107 JAMES ROAD

PROPERTY OWNER: _____

BUILDING CONTRACTOR: M.A. HOMES

SUBDIVISION NAME: _____

AUTHORIZATION ISSUED BY: _____ DATE: 7-16-02

DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 5000B, 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.

Johnnie Banks 07/16/02

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 5008 Tax Number: 107-212-72

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)
NO Serviced by private well	1500 Gallon septic tank	400 Total trench length (ft)	30" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)
3 Bedrooms in residence	___ Gallon pump tank	12" Depth of stone	

Any surface waters present: 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

1200 Absorption Area (Sq ft) 400 Total Trench Length (Ft)	12" Depth of Stone Trench	9' Trench spacing (min. on centers)	30" 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 th 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 effec 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 Departmen
- This Improvement permit is transferable.

DEHNR Authorized Agent — Date 1-16-02

Owner/Agent Signature — Date 01/16/02

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

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

PROPOSED PLOT PLAN

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

FILE: 5000B

TC: 107-212-72

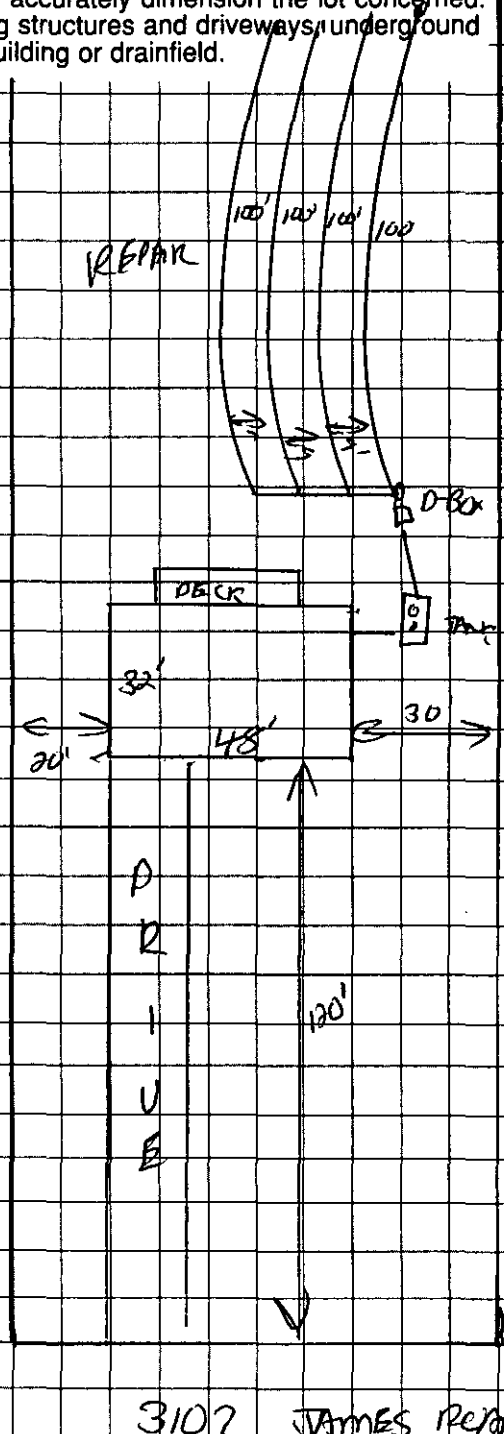
Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

SCALE 1" = 40'

(1) INSTALL DRAINLINES SHALLOW (30") AND ON CONTOUR.

(2) LOCATE ALL PARTS OF SEPTIC TANK SYSTEM 50' FROM ALL WELLS.

(3) PERMIT DESIGN IS FOR A 3 BEDROOM RESIDENCE W/ 1500 gal SEPTIC TANK AND 400 FEET OF DRAINLINE.



Johnnie Parks
OWNER/AGENT SIGNATURE

DATE 07/16/02

APPROVAL DATE 7/16/02

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

FEE: 200 -

DATE: 6/28/02

APPLICATION FOR IMPROVEMENT PERMIT 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 #: 5000 B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 3107 107 21272

STREET ADDRESS: ~~3701~~ James Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: 40

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 1184

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
__ ON SLAB
✓ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

TOWNSHIP (CHECK ONE):

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

CLOSING DATE_____

Placed in Bill Out 6/28/02 4:30pd

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: Swartz MARK M.A. Homes
(LAST) (FIRST) (MI)

ADDRESS: 320 Shoreline Loop

CITY: Mooresville STATE: N.C. ZIP: 28117

DAYTIME PHONE: (704) 712 - 2446

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Hirsch (LAST) Alec (FIRST) J (MI)

DAYTIME PHONE: (704) 712- 2446

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 06/07/02

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: _____ DATE: 6/28/02

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

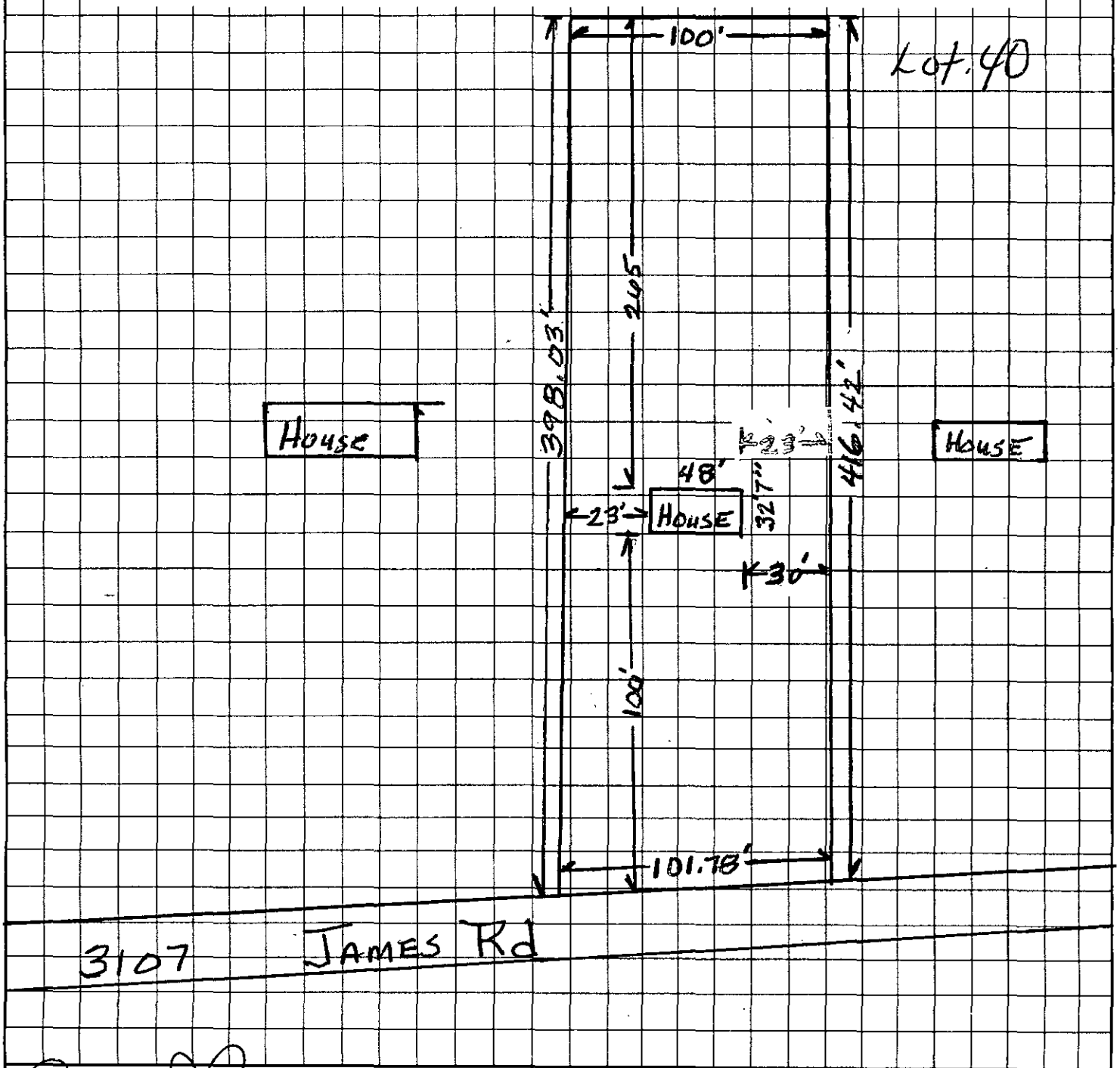
PROPOSED PLOT PLAN

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

FILE: 5000B

TC: 107.212.72

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 6/28/02

APPROVAL DATE _____

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

Sheet: 1
Property ID: 107-212-72
Lot #: 40
File #: 5000B
Code: 1

ACJ

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: M.A. Homes, Mark Swartz
Applicant: Alec J. Hirsch
Address: 320 Shoreline Loop, Mooresville, N. C. 28117
Date Evaluated: 07/11/2002
Proposed Facility Residence
Design Flow (.1949): 360gpd
Property Size: 1
Location of Site: 3107 James Road
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	OTHER PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	R, 6	0-4	GR/SCL	FR/SEXP/SS/SP	>25" TO SOIL WETNESS	25	N/A	NONE	US, IV .15GPD/FT^2 LLP
		4-20	SBK/C	FI/SEXP/S/P					
		20-25	SBK/CL	FR/SEXP/SS/SP					
2	LS, 8	0-4	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	PS, IV .3GPD/FT^2
		4-48	SBK/C	FI/SEXP/S/P					
3	"	0-20	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		20-48	SBK/C	FI/SEXP/S/P					
4	"	0-10	GR/SCL	FR/SEXP/SS/SP	>38" TO SOIL WETNESS	38	"	"	PS, IV .25GPD/FT^2
		10-38	SBK/C	FI/SEXP/S/P:					
5	"	0-3	GR/CL	FR/SEXP/SS/SP	>48' TO SOIL WETNESS	48	"	"	PS, IV .3GPD/FT^2
		3-26	SBK/C	FI/SEXP/S/P					
		26-48	SBK/CL	FR/SEXP/SS/SP					

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

Other Factors (.1946): _____
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/12/02. W. R. Marlin
Others Present:

FILE # 5000B

COMMENTS Does not appear to be NRCS Report

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	

