

10033 E INDEPENDENCE BV

19330202

8/26/08

marliwr

Groundwater and Wastewater Services File Imaging Project
May 2007
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INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

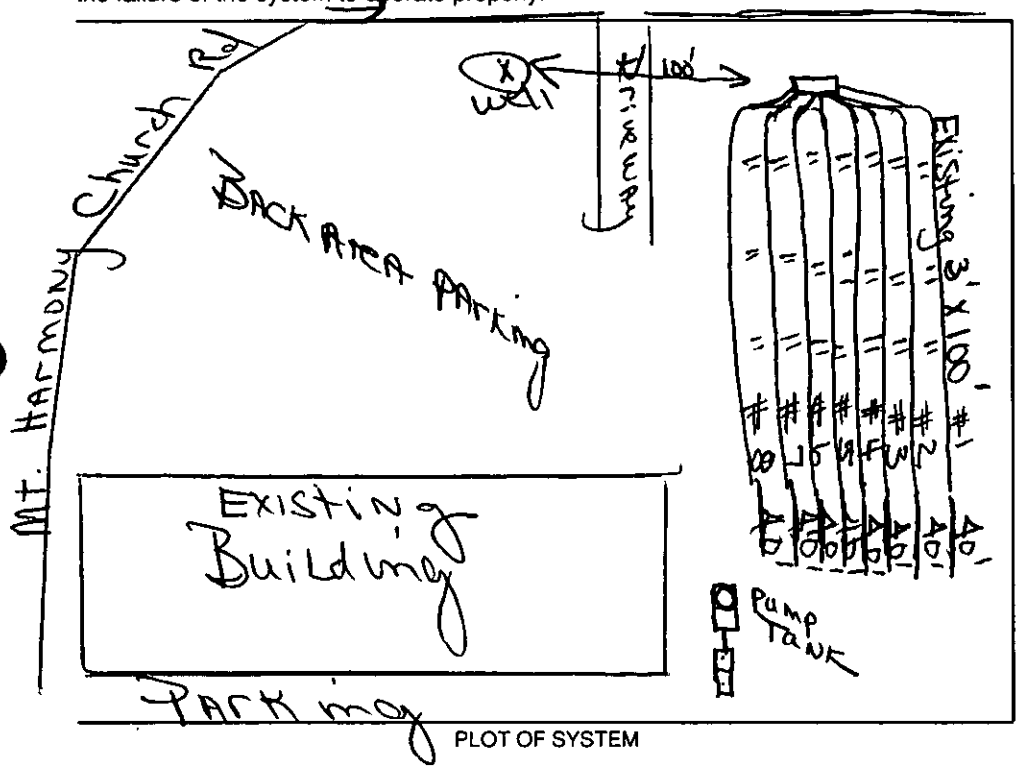
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 20954 DATE: 11/17/94

TC: 215-092-04 ☐ L

SERIAL Nº 16120

Permission is hereby given to _____ Install or Construct, ✓ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 8/24/94. All work shall be completed on or before 12/30/94, 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 Existing gallons

Liquid Capacity of Dosing Tank Existing gallons

Tank Construction Pre Cast

Trench Depth 36"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous ✓

Total Line Length 320' feet

Number of Lines 8

Depth of Stone 12 inches

Distance from House ≥ 15 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 N.C. Dept. of Transportation

LOCATION OF PROPERTY 10033 E. Independence Blvd.

Comments: As Addition to Existing System: Add 40' of 3' Line to each existing 8 Trenches for A Total of 320'. Trenches Addition will be 3' wide X 40' Long with 12" Stone. Maximum depth 36" inches. Utilize Stepdowns as needed.

Judy J. Kiser RS
Environmental Health Specialist

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

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

20954

$ 1. #300 8/30/94 J. #66214 [ ] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:

NAME: Hinton (last) Phillip (first) J. (mi)

ADDRESS: Facilities Management PHONE: (919) 715-0400

CITY: P.O. Box 25201 Raleigh. STATE: NC ZIPCODE: 27611

Date: August 19, 1994

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 215-092-04

STREET ADDRESS: 10033 Independence Blvd.

Charlotte

ZONING:

PROPERTY OWNER:

NAME: N.C. Department of Transportation (last) (first) (mi)

ADDRESS: P.O. Box 25201 PHONE: (919) 715-0400

CITY: Raleigh. STATE: NC ZIPCODE: 27611

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
[ ] 0 Mecklenburg County [ ] 2 Davidson [ ] 4 Pineville [ ] 6 Huntersville
[X] 1 Charlotte [ ] 3 Cornelius [X] 5 Matthews [ ] 7 Mint Hill

TYPE APPLICATION (check one):

LOT NUMBER: LOT SIZE (in acres):

[ ] SOIL TEST - INDIVIDUAL LOT (D)
[ ] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[ ] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[X] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[X] COMMERCIAL OR INDUSTRIAL (N)
[ ] SOIL TEST DEVELOPMENT (P)
[ ] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[ ] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[ ] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[ ] SINGLE MOBILE HOME (S) [ ] HOUSE (H) [ ] MULTIPLE FAMILY (U)
[ ] DOUBLE WIDE (D) [ ] MODULAR HOME (M) [ ] OTHER _____ (O)

NUMBER BEDROOMS: NUMBER OCCUPANTS:

SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business Office # Employees 22+ 80 part time Per Shift
Industrial Wastes (Y/N) N
Underground Storage Tanks On Property (Y/N) N Type 60 YR 9 NOV 94

WATER SUPPLY (check one):
[ ] Community (C) [ ] Shared Well (S)
[ ] Municipal (M) [ ] Other 'spring' (O)
[X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[ ] Swimming Pool [ ] Jacuzzi [ ] Stable/Barn [ ] Workshop [ ] None
[ ] Garage [ ] Storage Building [ ] Deck/Patio [ ] Bedrooms [ ] 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 agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Phillip J Hinton Date: 24 AUG 94

NOTICE:

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 by this Department.

...This permit is not transferable.

...

[ ] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[ ] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[ ] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

Director or Authorized Section Head Date

WATER : 122791

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

20954 COF

$200 8/30/94 #662162 [ ] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

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P.O. Box 25201
CITY: Raleigh. STATE: NC ZIPCODE: 27611

Date: August 19, 1994

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TAX/PARCEL NUMBER: 215-092-04

STREET ADDRESS: 10033 Independence Blvd.
Charlotte

ZONING:

PROPERTY OWNER:

NAME: N.C. Department of Transportation (last) (first) (mi)

ADDRESS: P.O. Box 25201 PHONE: (919) 715-0400

CITY: Raleigh. STATE: NC ZIPCODE: 27611

SUBDIVISION OR MOBILE HOME PARK NAME:

Township (check one):
[ ] 0 Mecklenburg County [ ] 2 Davidson [ ] 4 Pineville [ ] 6 Huntersville
[X] 1 Charlotte [ ] 3 Cornelius [X] 5 Matthews [ ] 7 Mint Hill

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):

[ ] SOIL TEST - INDIVIDUAL LOT (D)
[ ] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
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Environmentalist Date

Director or Authorized Section Head Date

WWATER : 122791

Mecklenburg County
Health Department

M E M O R A N D U M

DATE: November 17, 1994

TO: File 20954, 20033 E. Independence Blvd.

FROM: Judy J. Kiser, R.S.

I met on site with Phillip Hinton and Jimmy Dennis, both engineers for the project to construct a section of the Outer Belt Loop. The Department of Transportation has purchased the exiting building for which File #20954 was established in 1984.

An inspection of the septic system revealed that the system appears to be functioning adequately. The Department is already housed in one of the buildings and the second building is for storage only.

The numbers of full time employess (22) is for staff in the office. The part time numbers given are for field surveyors, foremans. They pick up their vehicles each a.m. and turn in reports at the end of the day. Mr. Dennis estimated this staff at around 20 people also.

The addition proposed of 320' should be adequate.

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT, JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

R. SAMUEL HUNT III
SECRETARY

17 August 1994

Mr. Kelly Randall
Mecklenburg County Health Department
Environmental Health Division
c/o Hal Marshall Center, Suite 211
700 W. Tryon Street
Charlotte, North Carolina 28202

RE: Application for Improvement Permit
10033 East Independence Boulevard

Dear Mr. Randall:

Attached is an Application for Improvement, site plan, check in the amount of $200.00, and copies of original Construction Permit and Certificate of Approval for the buildings at 10033 Independence Boulevard.

The Department of Transportation has acquired two buildings as part of the right-of-way for the Charlotte Outer Loop near Matthews. One of the buildings is currently being converted for use by our Department. The other building will be vacated this fall and will remain empty for some time to come.

A common sewer system for both buildings was constructed in 1984 and consists of a 2,000 gallon septic tank, 2,000 gallon pumping chamber, and a drain field with 8 lines at 100 feet each. Based on the anticipated occupancy and presumed loading rate, I believe it is necessary to expand the drain field.

Assuming a loading rate of 0.4 gal/sf/day, the existing drain field will handle 960 GPD. We will have approximately 22 full time employees and 80 part-time employees. Using 25 gal/full time employee/day and 10 gal/part-time employee/day, the projected daily effluent load is 1,350 gallons.

CORRECTIONS MADE ABOVE + ON PERMIT APPLICATION ON 9 NOV 94
PGHunt

We propose to add either: 1) 4 additional new drain lines or 2) ~~40~~ 36 40 OIC PAH feet of additional length to the eight existing lines. Both options are shown on the attached drawing.

We will be connecting to the municipal sewer line during the first stage of highway construction. Therefore, this expansion of the drain field will be a temporary measure intended to meet the loading requirements for approximately one year.

During your review of the Improvement Application, I will be happy to meet with you on site. If I can furnish you any additional information, please phone me at (919) 715-0400.

Sincerely,

Phillip J. Hinton, L.A., P.E.
Staff Engineer
Facilities Management Branch

atta

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT, JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

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Mecklenburg County Health Department
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Put in toilets

½ part time

12.5 per part time

Put in toilets
15 Full time
7.5 part time

Leave as is
25 Full time
12.5 part time

330
602
930

3100 sq ft

1033

Put in water meter

9 NOV 94

JUDY

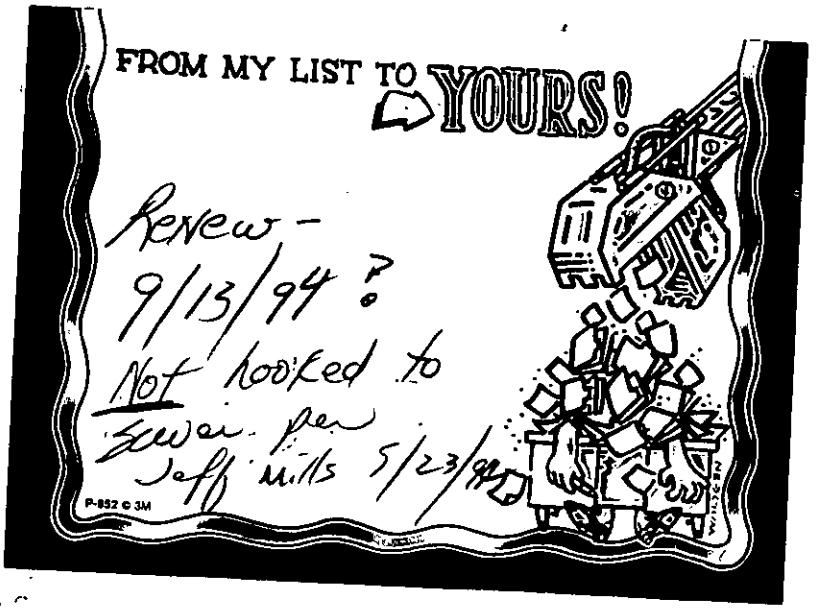
THANKS FOR YOUR HELP.

PLEASE FAX ME A COPY OF CONTRACTORS IF YOU CAN. FAX # (919) 715-0400

I CALCULATED NEW NUMBERS ASSUMING YOUR SOIL SCIENTIST WILL CONCUR WITH OUR LAB RESULTS & I CAN APPROVE AN APPLICATION RATE OF 0.4 G/SF/DAY.

IF SOILS ARE CLASSIFIED AS TYPE IV WITH A LOADING RATE OF 0.3 GAL/SF/DAY I'D LIKE TO TALK WITH YOU ABOUT ANOTHER ROUND OF DOWNSIZING THE SYSTEM.

Phil


FROM MY LIST TO YOURS!
Renew -
9/13/94 ?
Not looked to
Renew per
Jeff Mills 5/23/94
P-852 © 3M

Mecklenburg County

This page is left in the original file as a placeholder. The following item(s) were removed from the original file prior to scanning and returned post scanning:

- **Large-format Drawings**

Original File Number: 20954 / 10033

Box Number: 17

Number of pages associated with file: 1

General Comments: _____

Imaging Solutions and Services, Inc.

N. C. DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

INSPECTION OF ENGINEERED SUBSURFACE SEWAGE SYSTEM

Mecklenburg	Three and One Company	20954
Health Department	Name of Establishment	Permit/Project No.
12033 E. Independence Blvd	Storage/warehouse/office 35 people	875 GPD
Location	Type of Establishment	Design Flow
Three and One Company	12033 E. Ind. Blvd	847-9851
Owner/Agent	Address	Phone
Bill Williams / 847-9851	Same	Same
Operator	Address	Phone

Remarks _____

	Yes	No	REMARKS
1. ESTABLISHMENT:			
Type, size, and sewage flow in accordance with permit?	☑	☐	
2. COLLECTION SYSTEM:			
No evidence of leaks into or out from sewer lines/manholes?	☐	☑	
Free of blockages/solids buildup in lines or manholes?	☑	☐	
3. TANKAGE (Grease Traps/Lift Stations/Septic/Dosing Tanks):			
Tank risers accessible and surface water diverted?	☑	☐	
Tanks and access manholes structurally sound, watertight?	☑	☐	
Sanitary tee(s) in good working condition?	☐	☐	
Tanks pumped, cleaned out as needed?	☐	☐	- UNKNOWN
4. RAW SEWAGE LIFT STATION (If Present):			
Required pumps present, operating, and cycling properly?	☑	☐	
High-water alarm present and operating properly?	☑	☐	
Floats/pipe/valves/disconnects in good working condition?	☑	☐	
Control panel enclosure/components in good condition?	☑	☐	
5. EFFLUENT DOSING SYSTEM:			
Effluent appears clear, free of excess solids?	☑	☐	
PUMP SYSTEMS:			
Required pumps present, operating, and cycling properly?	☑	☐	
High-water alarm present and operating properly?	☑	☐	
Floats/pipe/valves/disconnects in good working condition?	☑	☐	
Control panel enclosure/components in good condition?	☑	☐	
Elapsed time readings: _____ _____ _____ _____			
SIPHON SYSTEMS:			
No evidence of overflow or siphon leakage?	☐	☐	
Siphon(s) appear to be working/alternating properly?	☐	☐	N A
Bells and vents free of debris and in good condition?	☐	☐	
6. GROUND ABSORPTION FIELDS:			
No evidence of effluent surfacing/reaching surface waters?	☐	☐	- UNKnown area overgrown w/ weeds
Minimal ponding in subsurface trenches?	☐	☐	
Surface water being effectively diverted away?	☐	☐	
Diversions/ditches/swales/tile drains properly maintained?	☐	☐	
Line cover/vegetation adequate/maintained as needed?	☐	☐	
Protected from traffic, destructive uses?	☑	☐	
Distribution devices in good condition, working properly?	☐	☐	
Repair area properly reserved, maintained?	☐	☐	
LOW-PRESSURE PIPE DRAIN FIELDS:			
Turnups/cleanouts/valves intact and accessible?	☐	☐	
No effluent standing in lower laterals?	☐	☐	
Laterals free of excess solids, cleaned out as needed?	☐	☐	N/A
Pressure head is properly adjusted?	☐	☐	

OVERALL CONDITION AND OPERATION OF SYSTEM: SYSTEM SEEMS TO BE WORKING O/K.

SUMMARY OF IMPROVEMENTS NEEDED:

Improvement	Repair Within (Days)
DRAIN FIELD AREA NEEDS BUSHHOGGED	

DATE: 9-11-92 SIGNED: Kelly Randall AGENT
Division of Environmental Health

DEHNR 3702 (Revised 9/91)
Environmental Health Services Section (Review 9/95)

SUMMARY OF IMPROVEMENTS NEEDED (*Continued*)

Improvement	Repair Within (Days)

INTENT TO SUSPEND OR REVOKE PERMIT

This is to notify you of intent to suspend/revoke *(circle one)* your operation permit/certificate of completion *(circle one)* 60 days from this date for the following violations: _____

[Law or Rule(s)]

If suspended, the operation permit or certificate of completion remains suspended until violations are corrected. A hearing will be held prior to suspension or revocation if you file a petition for a hearing with the Office of Administrative Hearings, P. O. Drawer 27447, Raleigh, NC 27611-7447, in writing within the number of days specified above of your intent to attend the hearing. If you do not petition the Office of Administrative Hearings, the operation permit or certificate of completion will be suspended or revoked.

IMMEDIATE SUSPENSION OR REVOCATION OF PERMIT

This is to notify you of immediate suspension/revocation *(circle one)* of your operation permit/certificate of completion *(circle one)* for the following violations: _____

[Law or Rule(s)]

If suspended, the permit or certificate remains suspended until the violations are corrected. You will be notified of the day and location of a hearing on this suspension or revocation by a hearing officer from the Office of Administrative Hearings.

This the _____ day of _____, 19 ____

_____ Agent

DIVISION OF ENVIRONMENTAL HEALTH

INSTRUCTIONS

Purpose: Article 11 of Chapter 130A requires the Commission for Health Services to adopt rules governing the design, construction, and operation of sanitary sewage systems. 15A NCAC 18A .1937 specifies that the local health department shall determine whether systems with an Operation Permit are operating properly at a frequency specified in Rule .1961, Table V(a), and that systems which exceed 3,000 gallons per day and other systems which are required to be designed by a professional engineer shall be reinspected annually. This form is developed to be used in making inspections of engineered subsurface sewage systems.

Preparation: Local environmental health specialists shall complete the form every time they conduct an inspection. Prepare an original and two copies for:

1. Original to be left with the responsible person.
2. Copy for the local health department.
3. Copy for the Environmental Health Services Section, Division of Environmental Health.

In the event the permit is suspended or revoked, complete the portion above.

Disposition: This form may be destroyed in accordance with Standard 7, Inspection Records, of the *Records Disposition Schedule* published by the N. C. Division of Archives and History.

Additional forms may be ordered from:

Environmental Health Services Section
Division of Environmental Health
P. O. Box 27687
Raleigh, NC 27611-7687
(Courier 52-01-00)

N. C. DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

INSPECTION OF ENGINEERED SUBSURFACE SEWAGE SYSTEM

Mecklenburg County	East Independence	20954
Health Department	Name of Establishment	Permit/Project No.
12033 E. Independence	Retail	875 gpd
Location	Type of Establishment	Design Flow
Three and One Company	10033 E. Independence Blvd.	847-8151
Owner/Agent	Address	Phone
Three and One Company	10033 E. Independence Blvd.	"
Operator	Address Or Highway 51 Matthews	Phone

Remarks _____

	Yes	No	REMARKS
1. ESTABLISHMENT:			
Type, size, and sewage flow in accordance with permit?	☑	☐	
2. COLLECTION SYSTEM:			
No evidence of leaks into or out from sewer lines/manholes?	☑	☐	
Free of blockages/solids buildup in lines or manholes?	☑	☐	
3. TANKAGE (Grease Traps/Lift Stations/Septic/Dosing Tanks):			
Tank risers accessible and surface water diverted?	☑	☐	
Tanks and access manholes structurally sound, watertight?	☑	☐	
Sanitary tee(s) in good working condition?	☑	☐	
Tanks pumped, cleaned out as needed?	☑	☐	
4. RAW SEWAGE LIFT STATION (If Present):			
Required pumps present, operating, and cycling properly?	☑	☐	
High-water alarm present and operating properly?	☑	☐	
Floats/pipe/valves/disconnects in good working condition?	☑	☐	
Control panel enclosure/components in good condition?	☑	☐	
5. EFFLUENT DOSING SYSTEM:			
Effluent appears clear, free of excess solids?	☑	☐	
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Floats/pipe/valves/disconnects in good working condition?	☑	☐	
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Elapsed time readings: _____ _____ _____ _____			
SIPHON SYSTEMS:			
No evidence of overflow or siphon leakage?	☐	☐	
Siphon(s) appear to be working/alternating properly?	☐	☐	N/A
Bells and vents free of debris and in good condition?	☐	☐	
6. GROUND ABSORPTION FIELDS:			
No evidence of effluent surfacing/reaching surface waters?	☑	☐	
Minimal ponding in subsurface trenches?	☑	☐	
Surface water being effectively diverted away?	☑	☐	
Diversions/ditches/swales/tile drains properly maintained?	☑	☐	
Line cover/vegetation adequate/maintained as needed?	☑	☐	
Protected from traffic, destructive uses?	☑	☐	
Distribution devices in good condition, working properly?	☑	☐	
Repair area properly reserved, maintained?	☐	☑	Not paved, driven over, area suitable for repair if ever needed.
LOW-PRESSURE PIPE DRAIN FIELDS:			
Turnups/cleanouts/valves intact and accessible?	☐	☐	
No effluent standing in lower laterals?	☐	☐	
Laterals free of excess solids, cleaned out as needed?	☐	☐	N/A
Pressure head is properly adjusted?	☐	☐	

OVERALL CONDITION AND OPERATION OF SYSTEM: System appears to be functioning properly at time of inspection.

SUMMARY OF IMPROVEMENTS NEEDED:

Improvement	Repair Within (Days)
Installation permit issued 9/6/84, System installed 9/13/84 System in good order.	

DATE: 7/24/89 SIGNED: Tim Whittaker, R.S. AGENT
Department of Human Resources

DHS 3702 (4/89)

Date Received 6-15-84

SEE INSTRUCTIONS ON BACK

MECK COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
RECEIVED
JUN 13 1984

CAR(S) Application No. 20954

T. C. No. 20 215-092-04,06

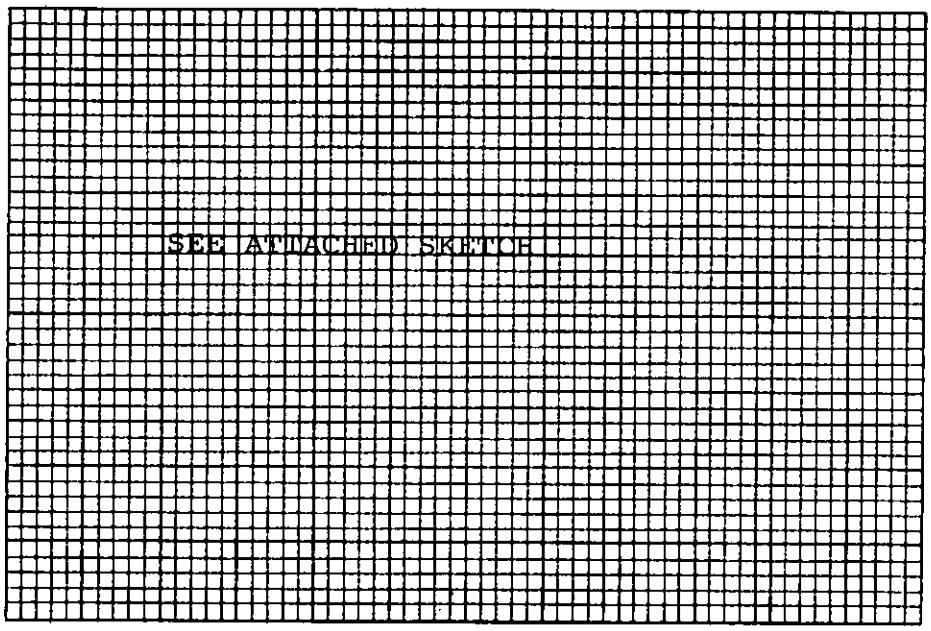
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) X Install or Construct 2) _____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home _____Yes_____No
Residence _____Yes_____No

4) No. of Bedrooms _____
5) Business Use X Max No Employees 35
6) Washing Machine _____Yes X No
7) Garbage Disposal _____Yes X No
8) Dishwasher _____Yes X No
9) Water Supply:
   A) Individual Well X
   B) Governmental System _____
   C) Community System:
      1. Well source _____
      2. Governmental source _____
10) Sewage System:
   House located within 200 feet of public sewer _____Yes X No
   House located within 200 feet of community sewer _____Yes X No
11) FHA Case No. N/A
12) VA Case No. N/A

13) NAME OF OWNER THREE AND ONE COMPANY
(LAST FIRST MIDDLE)

14) ADDRESS OF OWNER P. O. Box 627, Matthews, N. C. 28106

15) PHONE NO. Home N/A Office 847-9851

16) LOCATION OF SYSTEM 10033 E. Independence Blvd ~~Corner Highway 74 and Mt. Harmony Road~~
STREET OR COUNTY ROAD

17) SUBDIVISION N/A Lot No. N/A Block No. N/A

Map Book No. N/A Page No. N/A

18) DEED REFERENCE — DEED BOOK 4808 AT PAGE 940

19) HAS A SOIL INVESTIGATION BEEN RUN? _____ YES X NO DATE RUN _____

20) PTR NUMBER (See Instructions) _____

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

June 11, 1984
DATE OF APPLICATION

OWNER

EHD-5-76

Environmental Health Department's Copy

C of A (s) No. 20954

Date Issued 9-13-84 **Serial** 6960 T. C. No. 215-092-04 L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
OPERATION PERMIT
CERTIFICATE OF APPROVAL
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner THREE + ONE COMPANY
(LAST FIRST MIDDLE)

Location of Property 10033 E. INDEPENDENCE BLVD.

Application Number 20954 Permit Number 20954

Inspection Data:

Liquid Capacity of Tank 2000 ST + 2000 PT Tank Material P.C.C.

Total Length of Drain Tile 800' Number of Lines 8 x 100'

Depth of Filter Material 12" Cover Depth 2'

Water Supply Source well Distance from Water Source 50'+

Excavation Inspected 9-13-84 (DATE) Tank Inspected 9-13-84 (DATE)

Nitrification Field Inspected 9-13-84 (DATE)

Washing Machine Line Inspected, If Applicable _____ (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, _____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval 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 Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval 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.

Comments: _____

Kelly Randall
Environmentalist

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

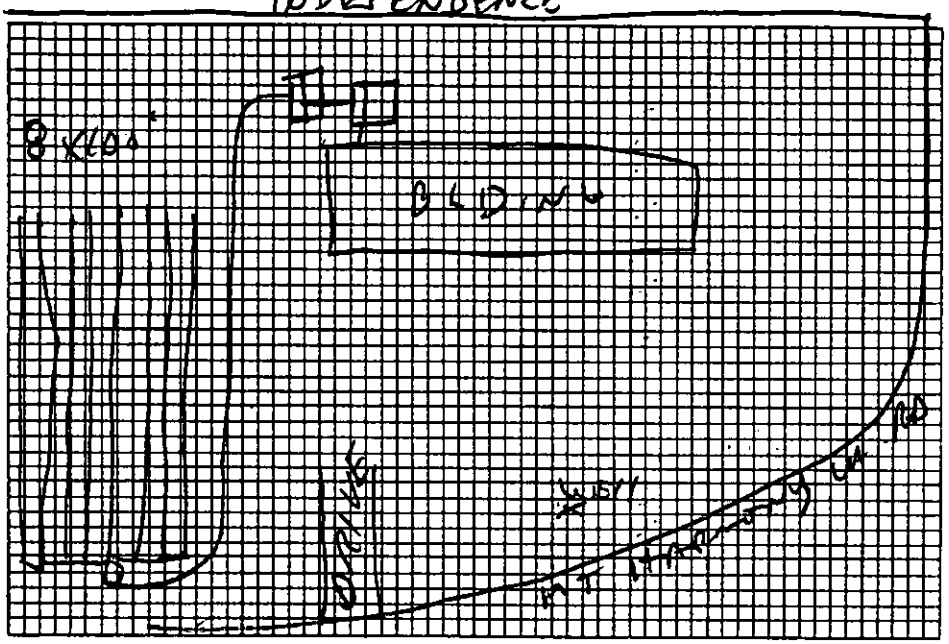
Date Issued 9-10-84 Serial No. 07553 ICAR(S) Permit No. 20954

T. C. No. 215-092-04 06

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

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 application 20954, dated 6-11-84 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 10-10-84, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank ST 2000 + PT 2000

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 800'

Number of Lines 8 X 100'

Distance from House 5' +

Distance from Property Line 10' +

Distance from Well 50' +

NAME OF OWNER THREE + ONE COMPANY

LOCATION OF PROPERTY 10033 E. INDEPENDENCE BLVD

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. 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.

8 lines x 100' long x 3' wide x 12" stone w/ straw cover w/ grd bury

Comments: ____

B. Hardister
Division or Section Head

Kelly Randall
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.

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY

DEPARTMENT OF ENVIRONMENTAL HEALTH

INTER-OFFICE COMMUNICATION

DATE: July 19, 1984

TO: John M. Barry
Director

FROM: Ron L. McMillan
Chief of Water Quality

SUBJECT: Three and One Company
Post Office Box 627
Matthews, North Carolina 38105

At your request I made an inspection of the above project to determine if there was any alternate system which could be utilized for waste disposal.

I have determined that there is not sufficient or suitable area for any type sub-surface or surface type system for this facility. There are no streams in the area for a discharge type system. There is a sanitary sewer located approximately 0.6 miles west of this location which might be utilized, however, a pump system would be required to take advantage of this sewer.

I have determined that there is no reasonable solution to this problem but will remain objective relative to the situation and will be open for suggestions.

RLM/deh

cc: John Adkisson
OPWD

[redacted]

19 JUL 84 A 8 58

Date Received 5-3-84

MECK COUNTY DEPARTMENT OF
RECEIVED
MAY 03 1984
ENVIRONMENTAL HEALTH

4 1

SIR No. 2095

T. C. No. 215-092-04,06

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Three and One Company
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER Post Office Box 627 Matthews, N.C. ZIP 28105

3) PHONE NO. Home _____ Office _____

12033 E. Independence Blvd. Matthews, N.C. 28105

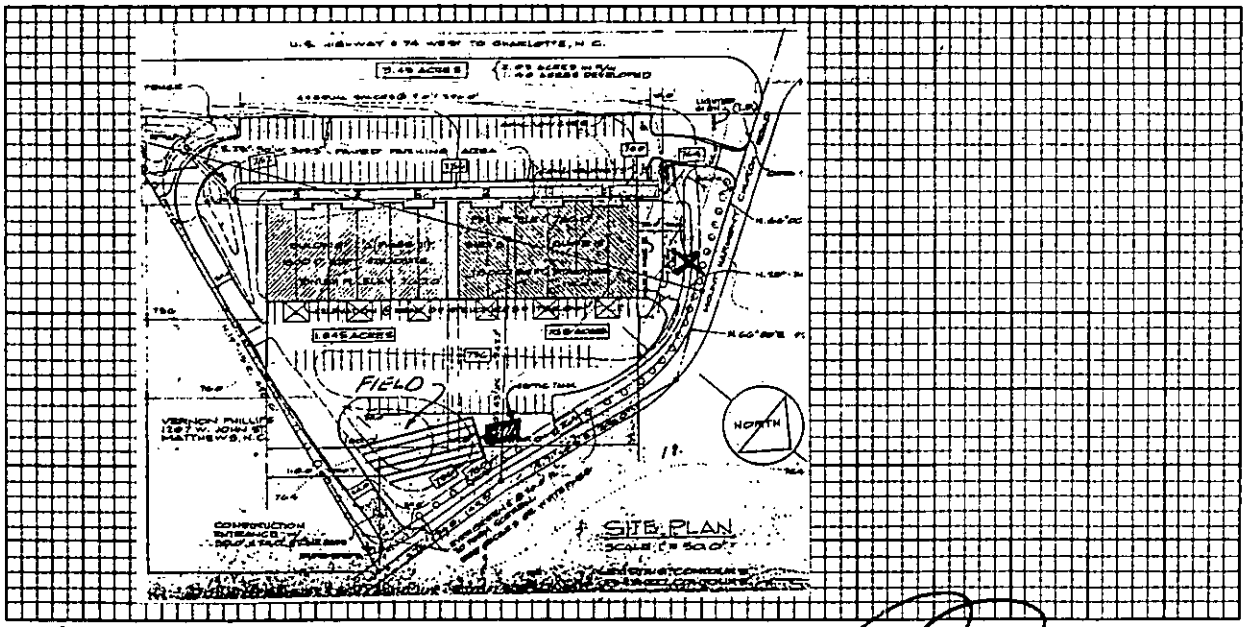
4) LOCATION OF PROPERTY Corner of Highway 74 and Mt. Harmony Road
(STREET OR COUNTY ROAD)

5) SUBDIVISION N/A LOT NO. N/A BLOCK NO. N/A

MAP BOOK NO _____ PAGE NO. _____

6) DEED REFERENCE: DEED BOOK _____ PAGE NO. _____

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge.



7) ACCURATELY DIAGRAM & DIMENSION LOT

X - Well Location
□ - Septic Tank

OWNER

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT COPY

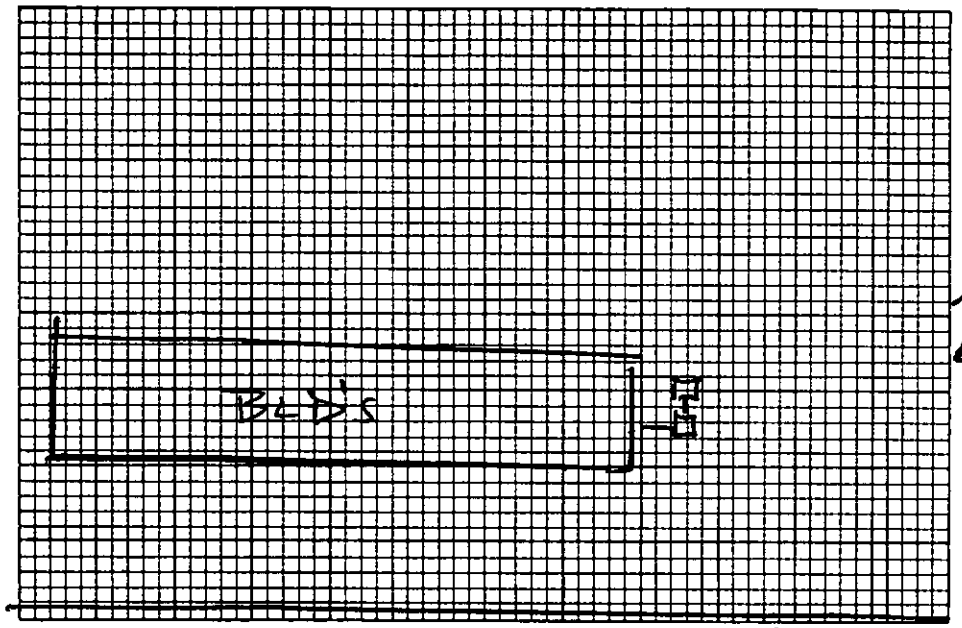
Date Issued Sept 6 1984 Serial No. 07532 ICAR(S) Permit No. 20954

T. C. No. 215-092-04-06

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to X 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 application 20954, dated 6-11-84 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before OCT 6 1984, after which date this permit shall be null and void.



PLOT OF SYSTEM IND. BLVD.

Permeability Rate #1

Liquid Capacity of Tank 2000 gal L.S. 2000 gal S.T.

Tank Construction Pre Cast Concrete

Absorption and/or Nitrification Lines:

Total Line Length —

Number of Lines —

Distance from House 15 FT

Distance from Property Line > 10 FT.

Distance from Well 350 FT.

NAME OF OWNER THREE AND ONE COMPANY

LOCATION OF PROPERTY 10033 E. INDEPENDENCE BLVD.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. 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.

ONE Septic Tank & ONE LIFT STATION AS PER N.C. STATUTES .1700

Comments: ISSUANCE of this permit in NO WAY ASSURES performance or completion of System as IT IS CONTINGENT ON SECURING EASEMENT for drainfield & permitting while System

Division or Section Head

Environmentalist Ralph Nobles

* 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.

EHD-5-76

Environmental Health Department's Copy

LARGE SYSTEM DATABASE

Project Data Sheet

Date : 04/20/89

File No. : 84-58 Record No. : 559
Project : Three and One Company
County : Mecklenburg
Location : 12033 E. Independence Blvd., Matthews

Applicant : Three and One Co.
Address : P. O. Box 627, Matthews, NC 28106
Phone :

Engineer :
Firm : Talbert, Cox & Associates, Inc.
Address : P. O. Box 36231, Charlotte, NC 28236
Phone :

Facilities : 2 bldgs--storage space & ofc. space for 35

System :

Design Flow : 875 GPD Number of Subsystems : 1

Dates Received
Initial Plans : / /
Site Evaluation : / /
Last Revision : / /

Plans Reviewed
Acknowledgement : / /
Initial Review : / /
Provisionally App'd: / /
Last Revision Rev. : / /
Last Rev. Prov. Ap.: / /

Operation/Inspections
Operation Permit : / /
Installation Insp. : / /
Last Operation Insp. : / /

Operator :

Reviewed By : SB

Type of Facility : FO
Type of System : N-LPP, MD
Status :

Comments : MECK CO File #20954

System in good operating order. See evaluation form.

LARGE SYSTEM PROJECT SUMMARY SHEET

File No. : 84-58 Date: 06/23/92 Record No: 165
Project : Three and One Company
County : Mecklenburg
Location : 12033 E. Independence Blvd., Matthews

Applicant : Three and One Co.
Address : P.O. Box 627, Matthews, NC 28106
Phone :

Engineer :
Firm : Talbert, Cox & Associates, Inc.
Address : P. O. Box 36231, Charlotte, NC 28236
Phone :

Facilities : 2 bldgs--storage space & ofc. space for 35

System :

Design Flow : 875 GPD Number of Subsystems : 1

Dates Received
Initial Plans : / /
Site Evaluation : / /
Last Revision : / /

Plans Reviewed
Acknowledgement : / /
Initial Review : / /
Provisionally App'd: / /
Last Revision Rev. : / /
Last Rev. Prov. Ap.: / /

Operation/Inspections
Operation Permit : 09/13/84
Installation Insp. : / /
Last Operation Insp. : 07/24/89

Operator :

Type of Facility : FO Reviewed By : SB
Type of System : N-LPP, MD Classification:
Status :

Comments : 8/89: System in good operating order. See evaluation form.

STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG)

This 7th day of Sept., 1984, personally came before J. L. WILLIAMS, R. L. WILLIAMS, FRANK M. WILLIAMS and J. ANDREW WILLIAMS, who, being by me duly sworn, say that they are the General Partners of THREE AND ONE, a North Carolina General Partnership, and that the foregoing instrument was signed and sealed by them, in behalf of said partnership, by authority duly given. And the said partners acknowledged the said writing to be the act and deed of the partnership.

Irma L. Funderburk
Notary Public

My Commission Expires: 2-1-86

THREE AND ONE

J. L. Williams, Partner (SEAL)

R. L. Williams, Partner (SEAL)

Frank M. Williams, Partner (SEAL)

J. Andrew Williams, Partner (SEAL)

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHESTERFIELD)

I, Ann T. Mills, a Notary Public in and for said county and state aforesaid, do hereby certify that ROBERT M. JORDAN and wife, MARGIE QUAY JORDAN, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal this 6th day of September, 1984.

Ann T. Mills
Notary Public

My Commission Expires: 10/12/86

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHESTERFIELD)

I, Ann T. Mills, a Notary Public in and for said county and state aforesaid, do hereby certify that ROBERT M. JORDAN, JR. (single), personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal this 6th day of September, 1984.

Ann T. Mills
Notary Public

My Commission Expires: 10/12/86

of the same. The partnership shall promptly restore any damage occasioned by its use of the easement to its existing condition. Jordan will make no use of the property during the term of this easement which would interfere with the use of the same according to this easement agreement. Specifically, Jordan shall not erect any permanent structures, install paving, or cause any plantings which would be likely to effect a stoppage or deterioration of the waste disposal system.

2. Appurtenance. This easement shall be deemed an appurtenance to that property of the Partnership as described in that deed recorded in Book 4808 at Page 940 of the Mecklenburg County Registry, and any conveyance of said property (including mortgaging the same) shall be deemed a conveyance of this easement.

3. Term of Easement. This easement shall continue for a period of Ten (10) years from date unless sooner terminated. The easement may be terminated as follows: (1) by the failure of the Partnership to make the payments hereinafter called for; (2) by agreement between the parties, or (3) at such time as the property of Three and One as hereinabove described is serviced by a municipal sewer system (that is, a sewer system operated by some appropriate governmental authority) and the Partnership is able to utilize the municipal system merely by tapping onto said system at the Partnership's existing property lines (that is, without further extension of sewer lines at the Partnership's expenses) and the municipal system is able and willing to accept all of the solid waste discharge from the Partnership property without limitation. At such time as this later occurs, the Partnership shall effect a cancellation of this easement and all rights thereunder shall terminate.

4. Charge for Easement. During the term of this easement, until its termination as hereinabove provided, the Partnership will pay to Jordan the sum of $65.00 per month as rental for said easement.

5. This easement shall be binding upon and inure to the benefit of all of the parties hereto, their heirs, successors and assigns.

IN WITNESS WHEREOF, the parties have hereunto executed this easement agreement this 6th day of September, 1984.

Robert M. Jordan (SEAL)
Robert M. Jordan

Margie Q. Jordan (SEAL)
Margie Quay Jordan

Robert M. Jordan, Jr. (SEAL)
Robert M. Jordan, Jr.

STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG)

GRANT OF EASEMENT

This Easement is given this 6th day of September, 1984, by and between ROBERT M. JORDAN and wife, MARGIE QUAY JORDAN, and ROBERT M. JORDAN (single), parties of the first part collectively hereinafter referred to as "Jordan" and THREE AND ONE, a North Carolina general partnership, party of the second part, hereinafter referred to as "Partnership";

WITNESSETH:

In consideration of One Dollar ($1.00) and other valuable considerations, and on the terms and conditions hereinafter set forth, Jordan does hereby grant and convey to the partnership an easement for years over and across, and for the use of the hereinafter described real property, for the purposes hereinafter set forth. The easement herein granted is more particularly described as follows:

BEGINNING at a point in the approximate center line of Mount Harmony Road, a common corner of the property of Three and One (see deed recorded in Deed Book 4808 at Page 940 of the Mecklenburg County Registry, thence with Mount Harmony Road two calls as follows: (1) South 78-01-00 East 36 feet, (2) South 82-39-00 East 46.67 feet; thence a new line South 19-15-00 West 205.46 feet to a point on the line of that lot conveyed to Jordan by a deed recorded in Book 4476 at Page 53 of the Mecklenburg County Registry, thence with said line North 45-32-00 West 89.95 feet to a point on the line of Three and One; thence with the line of Three and One North 19-15-00 East 152.96 feet to the point or place of beginning, containing 0.333 acres as shown on a survey designated "a portion of Vernon N. Phillips property" prepared by Hugh E. White, North Carolina Registered Land Surveyor, dated August 10, 1984, a copy of which is attached hereto as Exhibit A.

The terms and conditions of this easement are as follows:

1. Use. The easement herein granted is for the installation, use, extension, and maintenance of a septic tank drain field, constituting a portion of the solid waste disposal facilities for all of that property and improvements thereon belonging to the Partnership and more particularly described in that deed recorded in Book 4808 at Page 940 of the Mecklenburg County Registry, as they now exist or as they may hereafter exist during the term of this easement. The Partnership shall have the right to go upon said lands for the purpose of installation of the drain field and for any subsequent maintenance, extension, enlargement or modification

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20954

T.C. NO. 215-092-0406

(Ground Absorption Sewage Disposal)

OWNER: Three and One Co.
ADDRESS: PO Box 627
Matthews, N.C. 28105

PLAT NO:
LOT SIZE: Approx 30x66

LOCATION OF SITE: Highway 74 & Mt. Harmony Church Rd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-6% U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) clay loam U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S massive PS (U)	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S cut PS to saprolite (U)	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S saprolite PS @ soil (U) surface	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) 36" to U ground water	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	10A			
9. SITE CLASSIFICATION	unsuitable			
10. SOIL SERIES	Cecil-Cut			

S - Suitable PS - Provisionally Suitable U - Unsuitable

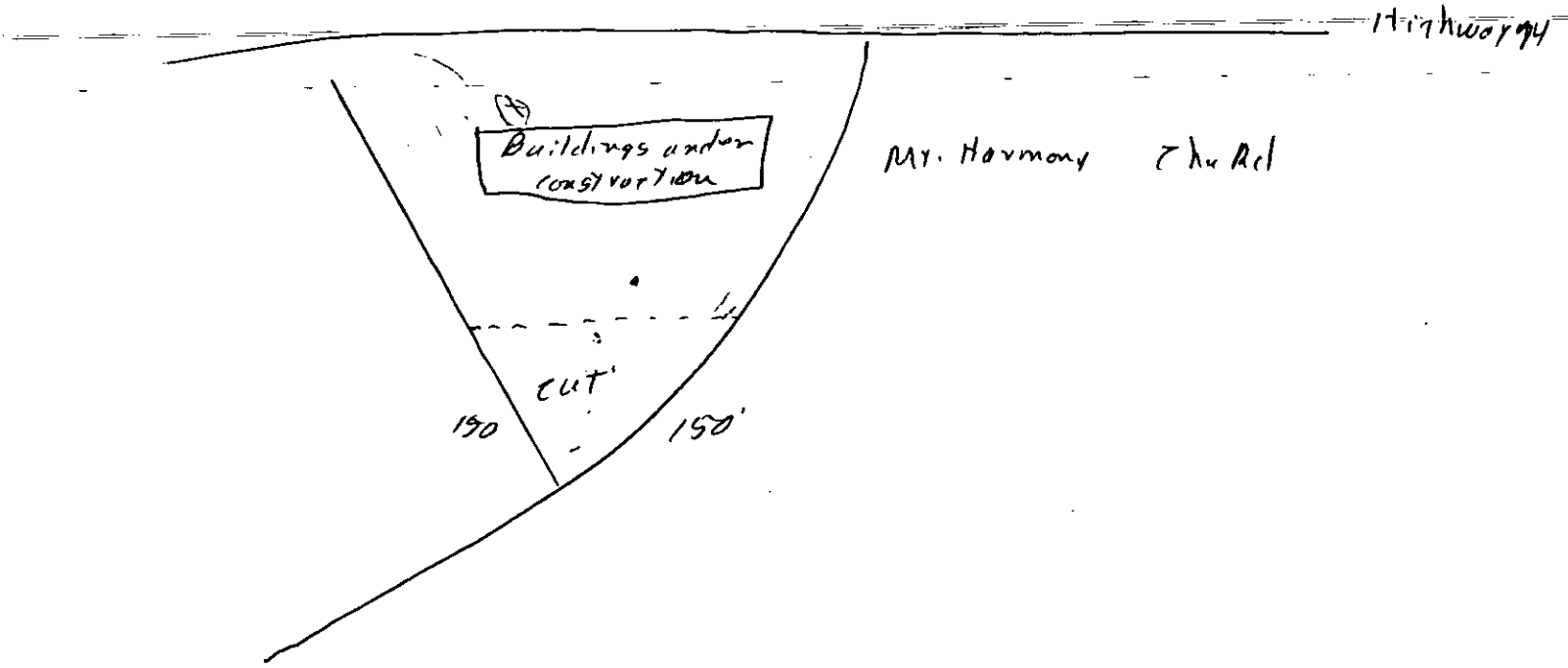
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments:

Described by: William A. Martin
Title: Soil Scientist

Date: 3-16-84

2H


Highway 94
Buildings and/or construction
Mt. Harmony Church Rd
cut
150'
150'

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 20954

T.C. NO. 00 215-072-0406

(Ground Absorption Sewage Disposal)

OWNER: Thurlong Co.
ADDRESS: 12033 E. Independence Blvd Charlotte, N.C.
PLAT NO:
LOT SIZE: Approx 1 Acre
LOCATION OF SITE: Mt. Harmony Ch. Road & Dunbar Blvd

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-8%	(S) PS U 2-8%	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) U Sandy clay loam	S (PS) U clay loam	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S PS (U) Massive	S PS (U) Massive	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) Cut to saprolite	S PS (U) Filled to 3-4 FT	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS (U) cut to saprolite	S PS (U) Fill	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U >36"	S (PS) U 36" To groundwater	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	10A	10A		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	cut & disturbed	Fill		

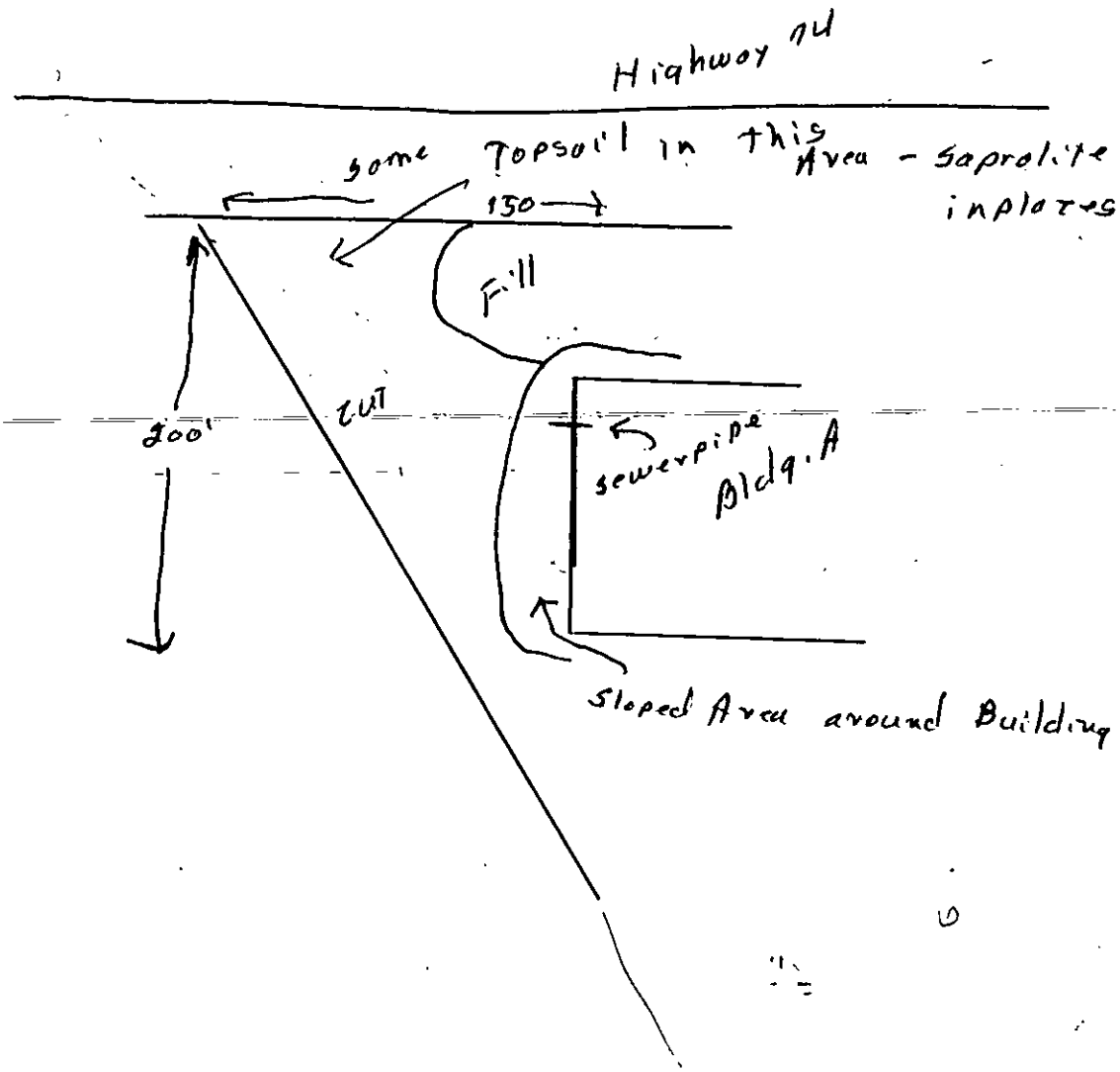
S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Sewage pipe stubbed out Approx 25' From Front of building instead of From rear as shown on plan.

Described by: William R. Medlin
Title: Soil Scientist

Date: 6-15-84


Highway 74
some Topsoil in this Area - Saprolite also visible in places
150
Fill
200'
CUT
sewerpipe
Bldg. A
Sloped Area around Building

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SIR. NO. 20954
T.C. NO. 215-092-04.06
DATE: 5-16-1984

Three and One Company
P. O. Box 627
Matthews,NC 28106

RE: Property located at 10033 E. Independence Blvd.

Dear Sirs:

At your request, a field investigation was conducted on the property designated above and was classified unsuitable for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Sites classified as unsuitable may be utilized for soil absorption disposal systems provided engineering, hydrogeologic, soil and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be reasonably expected to function satisfactorily.

Should you desire to file for permission to install an alternate system, plans and specifications prepared by a person with a demonstrated knowledge of ground absorption sewage treatment disposal systems, soil and rock characteristics, groundwater hydrology and drainage systems should be submitted to this office. They will be reviewed and if it is found that the system may be reasonably expected to function satisfactorily, approval will be given upon the execution by you of "Septic Tank Agreemnt Form" provided by this office.

If I may be of assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/kbg

Enclosure

MATERIAL SPECIFICATIONS

MOUND SYSTEM

THREE AND ONE COMPANY

June 11, 1984

Pipe and Fittings (Pressure)	PVC - ASTM D 1785, Type I, Grade 1, Schedule 80
Pipe and Fittings (Gravity)	PVC - ASTM D 3034, SDR 35
Tanks	Precast concrete; septic - two compartment; dosing - one compartment with manhole opening
Fill (Mound)	Material with 80-90% sand and 10-20% fines
Gravel	NCDOT standard size #6 coarse aggregate, washed or other approved pea gravel
Topsoil	Loose loam capable of supporting a good growth of grass
Pump	Design Point: 46 gpm @ 15' 0.4 horsepower 1,750 RPM Submersible pump by Hydromatic or approved equal
Controls	Sealed level controls and high level alarm

DESIGN SPECIFICATIONS

MOUND SYSTEM

THREE AND ONE COMPANY

June 11, 1984

Daily waste flow	875	gpd
Septic tank size	1,524	gal
Pumping tank size	1,750	gal
Loading rate for fill	0.8	gal/ft^2/day
Distribution area	1,100	sf
Loading rate for soil	.0.2	gal/ft^2/day
Basal area	4,400	sf
Volume of fill	328	cy
Volume of topsoil	83	cy (6 inches topsoil) 109?
Volume of gravel	21	cy 29.5?
Total length of laterals	276	ft
Lateral diameter	1½	in
Lateral configuration	4	lines @ 3 ft spacing 5?
Supply line length	50	ft
Supply line diameter	2	in Sch 40 pipe
Manifold placement	center	
Hole size	5/32	in
Hole spacing	3	ft
Number of holes	92	
Pressure head	3	ft
Flow per hole	0.50	gpm
Total flow	46	gpm
Elevation head	10	ft
Friction head	2	ft
Pressure head	.3	ft
Total head	15	ft
Pump requirements	46	gpm, 15 ft head
Storage volume in laterals	34.5	gal

DISAPPROVED
MECKLENBURG COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
FILE NO. 20954
ICAR PERMIT NO.
DATE 7-12-84
BY B. Hardister

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

July 12, 1984

Three and One Company
P.O. Box 627
Matthews, NC 28106

Reference: Alternate Septic System Proposal 12033 E. Independence Boulevard

Dear Mr. Williams:

We have completed our review of the mound system of sewage disposal proposed for installation on the above referenced property. We have also received comments from Steve J. Steinbeck, Supervisor of the One-Site Sewage Progarm with the Division of Health Services regarding the feasibility of such an installation.

As you are aware, the site was classified as unsuitable for the installation of a conventional sewage disposal system by William R. Marlin, Soil Scientist with this Department in reports dated May 15, 1984 and June 15, 1984. Mr. Marlin's reports indicated that both sites showed massive structure and also indicate that all soil layers have been removed from the proposed installation site revealing saprolite or decaying rock material. The site therefore does not meet criteria which require a minimum of twelve (12) inches of naturally occuring soil beneath the nitrification field (10 NCAC 10A .1983). No data has been received to indicate that the proposed system could be installed (1) so that effluent would receive adequate treatment, (2) so that effluent would not contaminate any surface or groundwater supply or (2) so that effluent would not be exposed to the surface of the ground.

As a mound system of sewage disposal is ultimately dependent upon soil absorption of effluent, it is the opinion of this Department that the site is not suitable for such an installation. The plan as submitted, has therefore been disapproved.

If there are any questions regarding this matter, please contact me at 376-4603.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor
On Premises Waste Disposal Section

BDH/kbg

cc: Tracy Hill

MECKLENBURG COUNTY

DEPARTMENT OF ENVIRONMENTAL HEALTH

INTER-OFFICE COMMUNICATION

DATE: July 24, 1984

TO: Dr. John M. Barry
Director

FROM: John R. Adkisson

SUBJECT: Property at 12033 E. Independence Blvd.

At your request the above property was re-evaluated to determine the possibility of the installation of an alternative sub-surface waste disposal system.

Mr. Ramsey, myself accompanied by the construction superintendent of Three and One Company conducted further soil borings in an effort to locate an area of provisionally suitable soil or an acceptable area to install an alternate system.

The entire lot consists predominately of some areas cut to saprolite and others with 3-4 feet of fill. A site evaluation today in a questionable area reveals no topsoil present and saprolite was present at surface level. This site also lacks the required available space to permit installation of the system and have sufficient available space for a repair as called for in NCAC .1900 rule .1945 (a) and (b).

Based on the above information it is recommended that the application for the installation of a sub surface soil absorption effluent discharge be denied.

JRA/kvj