

No. 104- 96-0005

138B-3-B

# PERMIT

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF HEALTH

THIS PERMIT  
EXPIRES ON  
N/A

DATE OF ISSUE  
August 2, 1996



OPERATOR: Lloyd F. Holloran  
ADDRESS: 225 Coffee Rd. Apt. #30  
Lynchburg, VA 24503

The above operator has made application and in accordance with the regulations of the Board of Health of the Commonwealth of Virginia is authorized by the Amherst County Health Department to operate a (Type) I Sewage Disposal System having a Design Capacity of 150 gpd, at 29 south to 2 store above 604 north east side Grid# 36D

Paul L. Lewis  
HEALTH OFFICIAL

THIS PERMIT IS NOT TRANSFERABLE FROM ONE INDIVIDUAL OR LOCATION TO ANOTHER

# Completion Statement

Commonwealth of Virginia  
State Department of Health

Health Department  
Identification Number

138B-3-B  
~~107-76-05~~

Health Department

Name of Company/Corporation/Individual: Sonny Craig

Address: 223 Tanglewood Dr

Owner's Name Pete Holloran

Owner's Address \_\_\_\_\_

Location of Installation: Lot \_\_\_\_\_

Subdivision: \_\_\_\_\_

Block \_\_\_\_\_

Section: \_\_\_\_\_

Other: Video Store on Rt 29 before Dixie Airport Rd

I hereby certify that the onsite sewage disposal system has been installed and completed in accordance with the construction permit issued (date) 4-15-96 and is in compliance with Part D of the Sewage Handling and Disposal Regulations and when appropriate the plans and specifications for the project.

8-1-96  
Date

Robert L Craig  
Signature and Title



# Water Supply and/or Sewage Disposal System Construction Permit

138633-B

Commonwealth of Virginia  
Department of Health  
Hammers

Health Department

Health Department  
Identification Number  
Map Reference

14-96-5  
36-D

## General Information

Water Supply System: New Repair Public ☒ FHA ☐ VA Case No.   
Sewage Disposal System: New Repair ☒ Expanded ☐ Conditional ☐ Public   
Based on the application for a sewage disposal system construction permit filed in accordance with Section 2.13 E, of the Sewage Handling and Disposal Regulations and/or Section 2.13 of the Private Well Regulations a construction permit is hereby issued to:   
Owner Lloyd F. Holloman Telephone 239 0391   
Address 225 Coffee Rd Lynchburg VA or a Type 1 Sewage Disposal System or Well to be constructed on/at 293 To RND STORE ABOVE 604 North East Side   
Subdivision Section/Block Lot 150gpd Actual or estimated water use

## DESIGN

Water supply, existing: (describe) Public

To be installed: class M/A gouted

Building sewer: Existing I.D. PVC Schedule 40, or equivalent.   
Slope 1.25" per 10' (minimum).   
☐ Other

Septic tank: Capacity Existing gals. (minimum).   
☐ Other

Inlet-outlet structure: Existing   
PVC Schedule 40, 4" tees or equivalent.   
☐ Other

Pump and pump station:   
No ☐ Yes ☒ describe and show design.   
if yes: See eng. drawing

Gravity mains: 3" or larger I.D., minimum 6" tall per 100', 1500 lb. crush strength or equivalent.   
☐ Other

Distribution box:   
Precast concrete with 8 ports.   
☒ Other Surge Box Reg.

Header lines:   
Material: 4" I.D. 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum.   
☐ Other

Percolation lines:   
Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'.   
☐ Other

Absorption trenches:   
Square ft. required 400; depth from ground surface to bottom of trench 46"; aggregate size 5X1.5;   
Trench bottom slope 2" per 50 ft; trench width 4 ft center to center spacing 13" min   
Depth of aggregate 13" min   
Trench length 50 ft; Number of trenches Two

## NOTE: SEWAGE DISPOSAL SYSTEM INSPECTION RESULTS

Water supply location: Satisfactory yes ☐ no ☐   
comments Public   
Completion Report   
G. W. 2 Received: yes ☐ no ☐ not applicable ☐

Building sewer:   
Satisfactory yes ☐ no ☐ comments Existing

Pretreatment unit:   
Satisfactory yes ☐ no ☐ comments Existing

Inlet-outlet structure:   
Satisfactory yes ☒ no ☐ comments

Pump & pump station:   
Satisfactory yes ☒ no ☐ comments 1/3 HP Gould

Conveyance method:   
Satisfactory yes ☒ no ☐ comments

Distribution box:   
Satisfactory yes ☒ no ☐ comments Surge Box w/ 2 outlets

Header lines:   
Satisfactory yes ☒ no ☐ comments

Percolation lines:   
Satisfactory yes ☒ no ☐ comments

Absorption trenches:   
Satisfactory yes ☒ no ☐ comments   
Date 8-1-96 Inspected and approved by: Paul J. Davis   
Sanitarian

This Repair to an existing system is ~~not~~ subject to the terms & conditions of GMP # 79

Health Department  
Identification Number

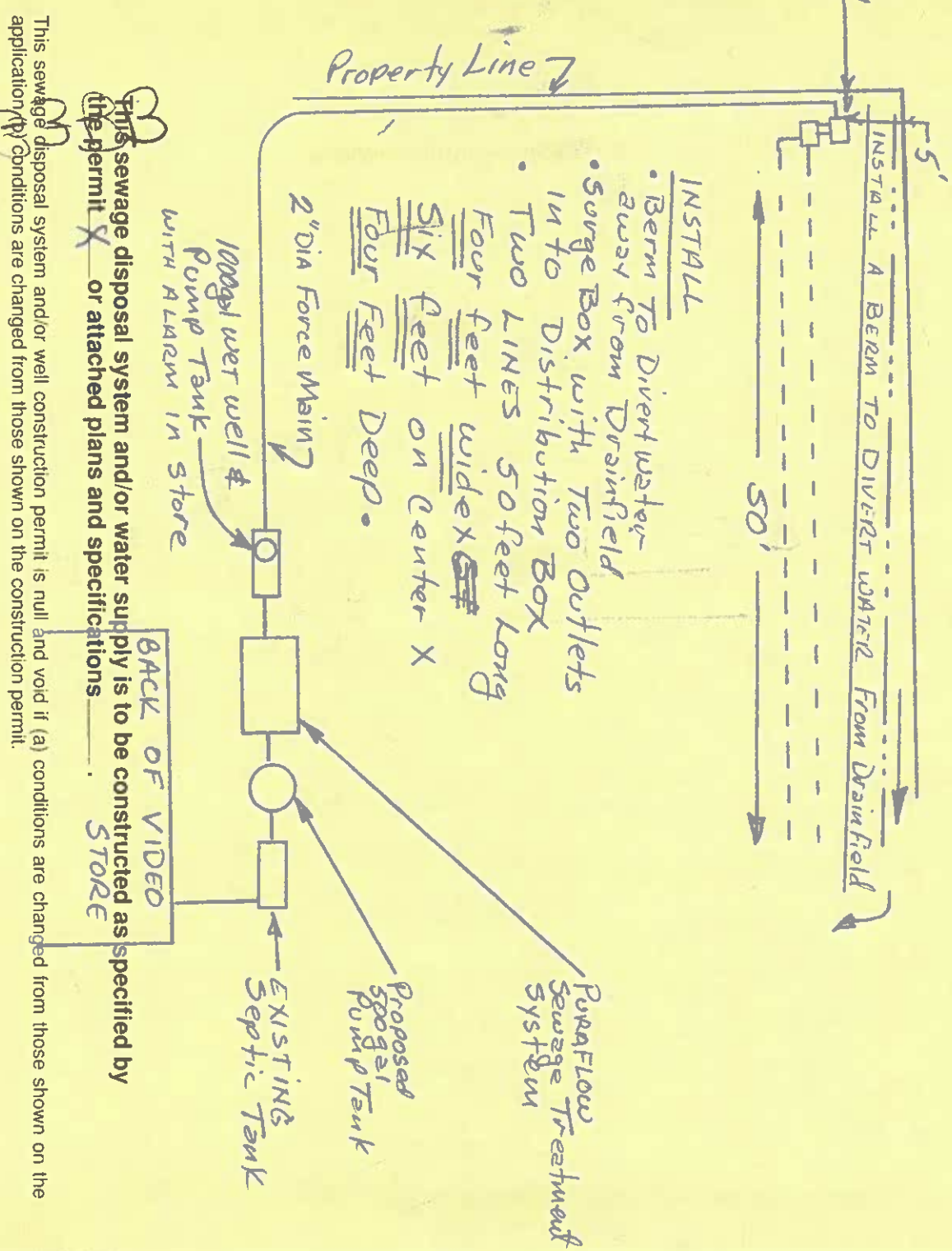
138B-3-B  
104-96383-1B  
138B-33-B

**Schematic drawing of sewage disposal and/or water supply system and topographic features**

Show the lot lines of the building site, sketch of property showing any topographic features which may impact on the design of the well or sewage disposal system, including existing and/or proposed structures and sewage disposal systems and wells within 200 feet. The schematic drawing of the well site or area and/or sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be permitted, show all sources of pollution within 200 feet.

*NOT TO SCALE*

☐ The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.



This sewage disposal system and/or well construction permit is null and void if (a) conditions are changed from those shown on the application, (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: 8-5-96 Issued by: Paul Davis  
Sanitarian

Date: \_\_\_\_\_ Reviewed by: \_\_\_\_\_  
Supervisory Sanitarian

This Construction Permit Valid until 10-97

If FHA or VA financing

Reviewed by Date \_\_\_\_\_ Date \_\_\_\_\_  
Supervisory Sanitarian Regional Sanitarian



CENTRAL VIRGINIA HEALTH DISTRICT

AS BUILT DRAWING

OWNER Pete Heller

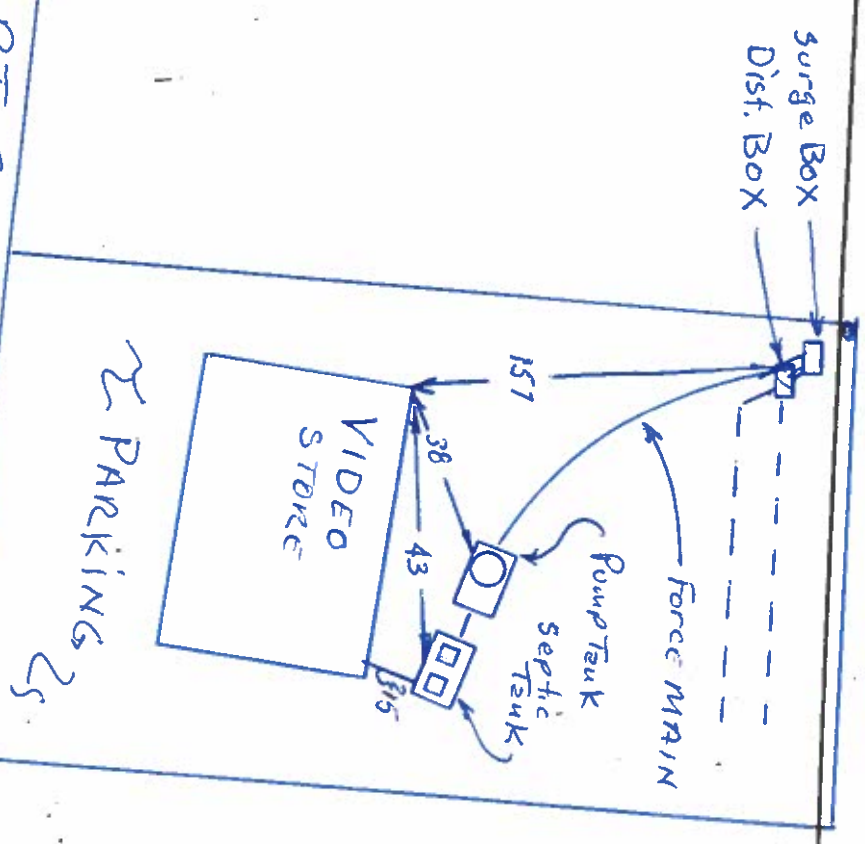
ID# 104-96-05

138B-3-B

SEPTIC CONTRACTOR Sunny Craig

WELL DRILLER Public Water

COMMENTS



North

RT 29

SANITARIAN

Paul T. Jones

DATE

8-1-96

Amherst

HEALTH DEPARTMENT

# Soil Evaluation Form

PAGE 1 OF 1

Commonwealth of Virginia  
Department of Health

Health Department  
Identification Number  
Tax Map Number

104-96-5  
36-25-138B-3-B

## General Information

Date 4-15-96

Amherst

Health Department

Applicant Pete Holloran

Telephone No. \_\_\_\_\_

Address \_\_\_\_\_

Owner \_\_\_\_\_ Address \_\_\_\_\_

Location \_\_\_\_\_

Subdivision \_\_\_\_\_ Block/Section \_\_\_\_\_ Lot \_\_\_\_\_

## Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe side

2. Slope 15 %

3. Depth to rock/imperious strata Max \_\_\_\_\_ Min. \_\_\_\_\_ None ☒

4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐ \_\_\_\_\_ inches

5. Free water present No ☒ Yes ☐ \_\_\_\_\_ range in inches

6. Soil percolation rate estimated Yes ☒ No ☐ Texture group I III IV

Estimated rate 65-80 in/inch

7. Percolation test performed Yes ☐ No ☒ Number of percolation test holes \_\_\_\_\_

Depth of percolation test holes \_\_\_\_\_

Average percolation rate \_\_\_\_\_

Name and title of evaluator: P F Lewis

CHS

Signature: Paul F Lewis

## Department Use

☒ Site Approved: Drainfield to be placed at 60" depth at site designated on permit.

☐ Site Disapproved:

Reasons for rejection:

1. ☐ Position in landscape subject to flooding or periodic saturation.

2. ☐ Insufficient depth of suitable soil over hard rock.

3. ☐ Insufficient depth of suitable soil to seasonal water table.

4. ☐ Rates of absorption too slow.

5. ☐ Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.

6. ☐ Proposed system too close to well.

7. ☐ Other Specify \_\_\_\_\_



Commonwealth of Virginia  
Application for a Sewage Disposal and/or Water Supply Permit

Health Department ID

1383-3-B

To Be Completed By The Applicant

Type of sewage system: FH/V/A yes ☐ New ☒ no ☐ Repair ☒ Expanded ☐ Conditional

Owner Alfred F. Holleran

Address 22505 SE 1st Ave Phone 804 2390391 Work 384 6339 Home

Agent

Address

Phone

Directions of Property 29 South in center on 1st St. N. Rd.

Subdivision Section Block Lot

Other Property Identification Quick Rental National Bank

Dimension/size of Lot/Property

Other Application Information

I. Building/facility Intermittent Use ☐ New ☒ Existing ☐ No If yes, describe

II. Residential Use Termite Treatment ☐ Yes ☐ No ☐ Single Family ☐ Multi-family (Number of Bedrooms) (Number of Units)

Basement Fixtures in Basement ☐ Yes ☐ No ☐ Yes ☐ No

III. Commercial Use ☒ Yes ☐ No Describe: Video Store

Commercial/Wastewater ☐ Yes ☒ No Number of Patrons 45 Number of Employees

If yes, give volumes and describe

IV. Water Supply: ☒ Public ☐ New ☐ Existing ☐ Private ☐ New ☐ Existing

Describe:

V. Proposed Sewage Disposal Method:

Onsite Sewage Disposal System: ☒ Septic Tank Drainfield ☐ LPD ☐ Mound ☐ Other

Public Sewerage System

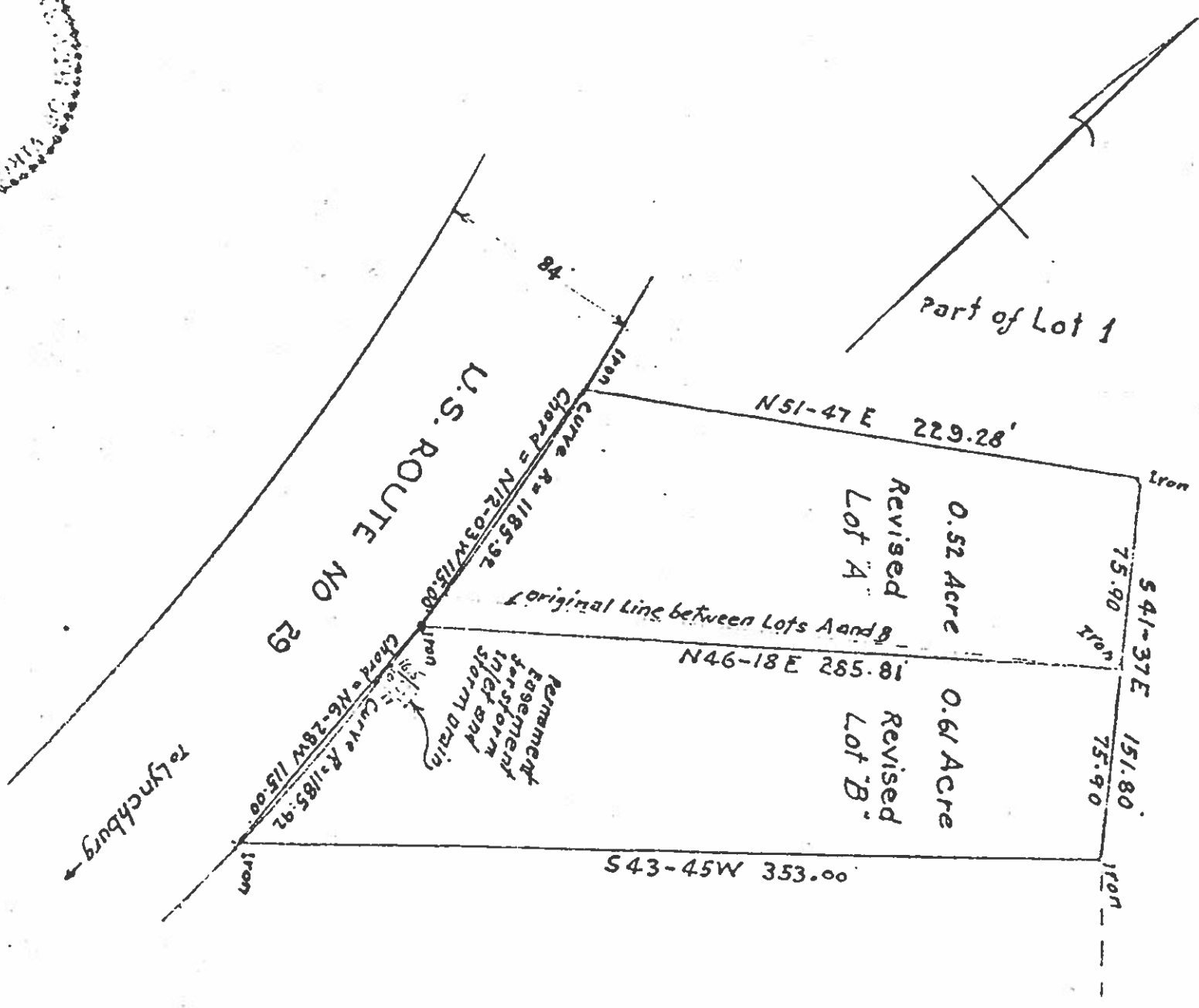
Attach a site plan (rough sketch) showing dimensions of property, proposed and/or existing structures and driveways, underground utilities, adjacent soil absorption system, bodies of water, drainage ways, and wells and springs within 200 feet radius of the center of the proposed well or drainfield. Distances may be paced or estimated.

The property lines and building location are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Department to enter onto the property described for the purpose of processing this application.

Signature of Owner/Agent

Date





OVERSTREET & OVERSTREET  
State Certified Surveyors  
LYNCHBURG, VIRGINIA

PLAT OF SURVEY SHOWN DEVICES 1 AND 2



**Puraflo** Associates  
INCORPORATED

April 11, 1996

Mr. Lloyd Holoran  
225 Coffee Rd.  
Apartment # 30  
Lynchburg, VA 24503



Dear Mr. Holoran:

As we discussed by telephone, on April 4 Greg O'Donnell of Bord na Móna Environmental Products US and I visited your property in Amherst County to determine whether a Puraflo™ sewage treatment system would work on that site.

We were pleased to find an appropriate location where Puraflo™ could operate as a repair to the existing system.

After discussion with Paul Lewis of the Amherst County Health Department, we would like to recommend an option that he proposed:

Effluent would gravity flow from the septic tank to a 500-gallon tank where it would be pumped to the Puraflo™ system installed near the building. After it is treated, the effluent would be piped *directly* from the Puraflo™ modules into another pump tank. It would then be pumped up the hill in the rear of the property to a distribution box where it will flow into four, 50' trenches, 36" deep. (Please see enclosed specifications.)

Because the soil is more dense near the bottom of the hill, we feel that the option outlined above would provide the best chance for full treatment of the effluent and keep it as far away from the building as possible.

If you decide to pursue this option and the Health Department provides initial approval, I will send you a contract for purchase of the system which will detail the services and materials we will provide and what your installer's responsibilities will be.

Due to the need for a second pump and alarm system, the cost of the Puraflo™ system as proposed (to handle flows of up to 450 gallons per day) will be \$8,530.00 plus applicable sales tax. This does not include the cost of a 500-gallon pump tank, the distribution box and lines, or installation which would be provided by a local, professional septic contractor of your choice.

Please note that any permit must indicate that this is a *repair only* and not subject to the requirements of the regulations outlined in GMP #79.

Please call me at (804) 725-9056 if you have any questions.

Until then, I am

Sincerely yours,

*Constance E. Ober*  
Constance E. Ober  
President

Copy: Paul Lewis, Amherst County Health Department  
Greg O'Donnell, Bord na Móna Environmental Products, US





**Palcyon Associates**  
INCORPORATED

**Lloyd Holoran, Amherst County**  
VideoMax Store, Rt. 29

*Design flow:* 450 gpd, 4-module Puraflo™ system

*Perc rate:* Approximately 80 mpi

*Design considerations:* REPAIR to existing system, sloping site, clay soils with fill, run-off from adjacent properties

*Proposed design:* Use existing septic tank at rear of building

Install 500-gallon concrete pump tank next to septic tank with ABS pump and alarm system

Install 4-module Puraflo™ system (2X2) without weep holes on shallow gravel bed (to level the modules only)

Pipe from each module directly into Bord na Móna sump tank equipped with ABS pump and alarm

Effluent to be pumped up the hill in the rear of the property to a distribution box for gravity flow into 4, 50' trenches, 36" deep (per Health Department recommendations)

**NOTE:**

*The Virginia Health Department permit should state that this is a repair to an existing system and that the Puraflo™ system is not subject to the terms and conditions of GMP #79.*

NOTES:

Site Preparation Work:

1 Hand clear wooded sites

2 Machinery should not traverse the percolation area

3 Machinery must never traverse excavated/exposed percolation area

4 Contractor must provide adequate access for correct installation

5 Avoid installation under wet site conditions

Design:

1 Design perc rate = see att.

2 Design flow = see att.

3 Depth to SHWT = see att.

4 Total bottom trench area provided = see att.

5 Number of treatment modules = see dwg.

Percolation Area:

1 Install trenches level and along contour

2 Use perforated piping in trenches over 25' in length

3 Cover stone in trench/pad with filter fabric

4 Max. el. of trench/pad base is at natural grade

5 Min. clear distance between trenches = 5'

6 Do not smear trench/pad base or sides during excavation

Site Restoration:

1 Min. cover of fill over stone is 4"

2 Backfill with suitable loose material

3 Provide erosion protection for backfill material

4 Backfill should prevent the infiltration of surface water

PROPOSED PURAFLO™ SYSTEM

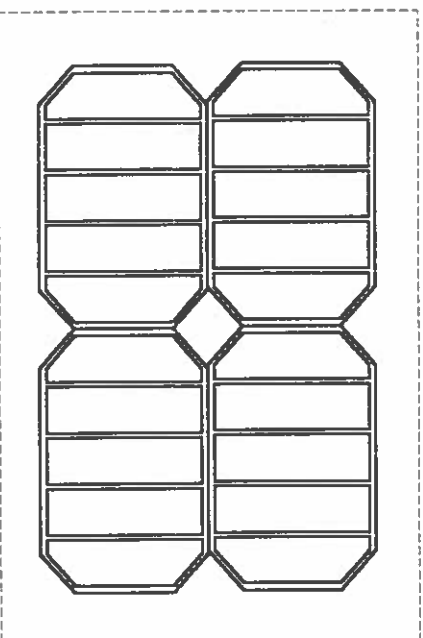
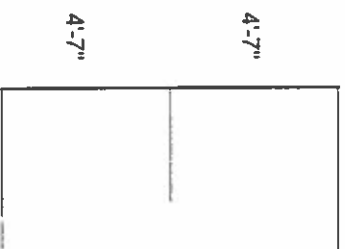
CLIENT: Lloyd "Pete" Holoran

LOCATION: Amherst County

SCALE

DRAWN BY:

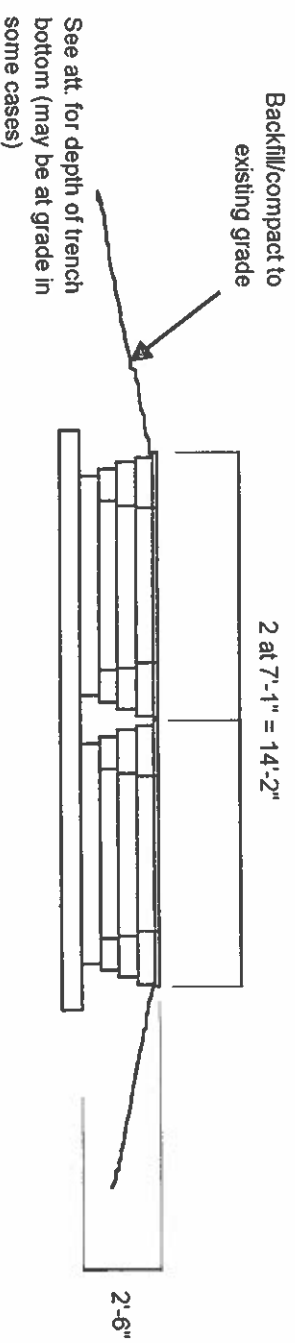
DATE:



Four module assembly

\*Foot-print area is filled & leveled with clean No. 5 broken stone - footing for support only - effluent is pumped to trenches via a second lift station - gravity feed from modules to second pump station

PLAN VIEW



SECTIONAL VIEW

Dwg. By: GMOD	
Rev. No. 0	
Date:	

NOT TO SCALE

Schematic of Percolation Area Design/Configuration  
Puraflo™ Peat Biofilter for Wastewater Treatment  
P. Holoran Project, Amherst County, VA



NOTE

Hole No 1

in Head of Drain & Drain  
Filled in with soil described below

0-1 Brown Clay loam  
1-42" Red Clay Firm, Few mice flakes,  
Burnt wood, Few roots, rounded gravel  
yellow mottles, Big sheet of Black Plastic  
@ 32", weathered hornblend @ 43"  
Down to 43" Deep is very firm moist  
Clay loam - saturated (wet) Red in color,  
Mucous - Free water

Hole No 2

B.O.-48 Red Clay  
BC 48-72 Red Clay loam

Survey or Flag corners  
Water saving fixtures

Close restrooms to Public

Pump System - 2 Lines 65' long

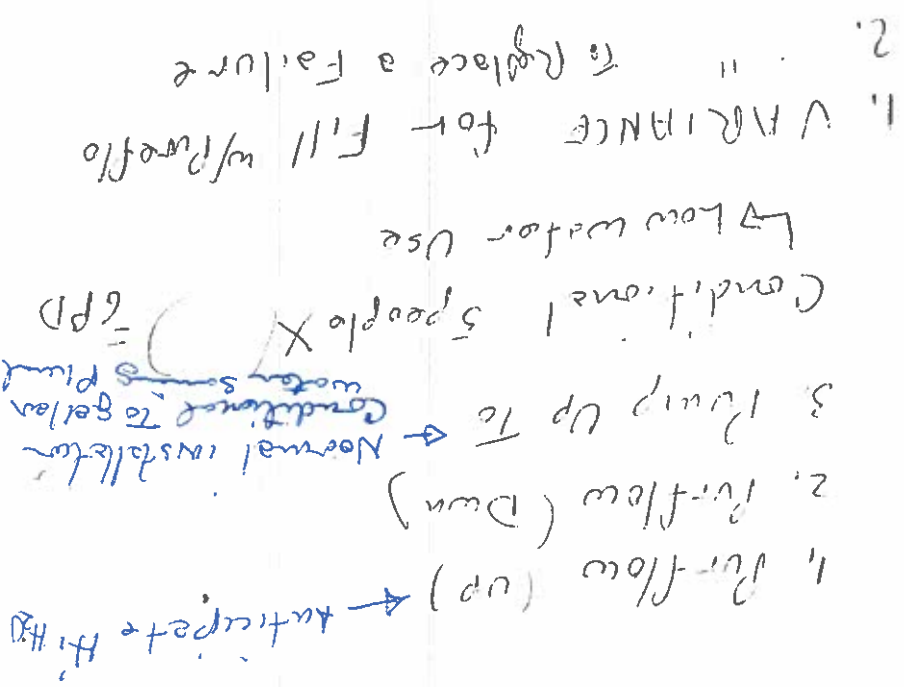
②

Borne Mena

①

IMPORTANT  
\* Hand Clearing Required

71 - 1



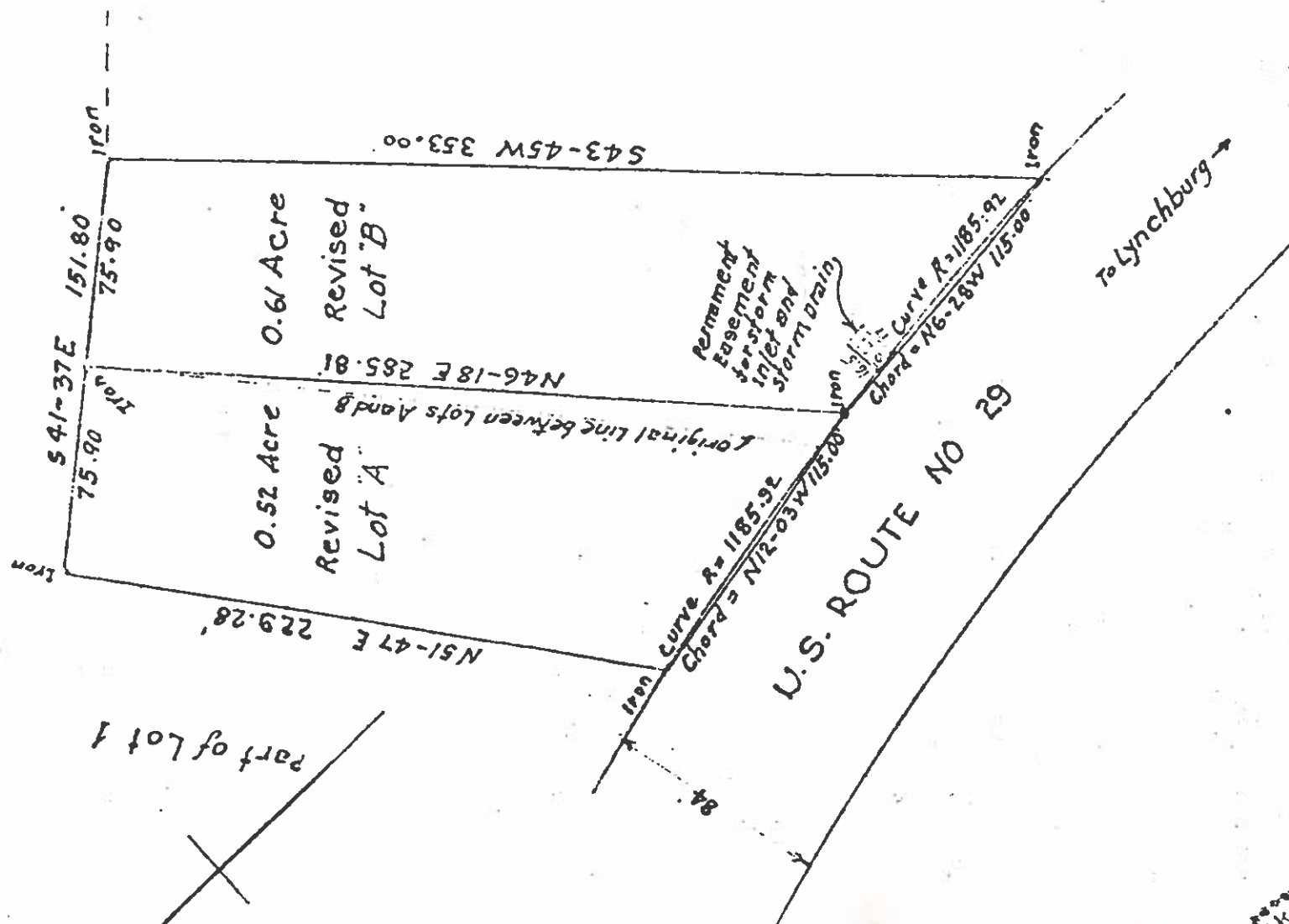
Tish

Please file in Pete Hollerans file

Thanks

Paul

part of Lot 1



OVERSTREET & OVERSTREET

State Certified Surveyors  
LYNCHBURG, VIRGINIA

PLAT OF SURVEY SHOWING DEVICES FOR



Amherst County

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Sales Information - Tax Map# 138B 3 B

Name	Sales Date	Sales Price	Instrument	Grantor
Holloran Lloyd F Living Trust	4/05/1999	Not On File	Deed: 780 / 481	Holloran Lloyd F

Transaction History:

Holloran Lloyd F	Not On File	Not On File	Not On File	Not On File
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Amherst County

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Building Information - Building #1 - Tax Map# 138B 3 B

Exterior Information:

Year Built: 1973  
Occupancy Type: Commercial  
Foundation: Concrete  
Ext. Walls: Cndtblk  
Roofing: Comp Shg  
Roof Type: Gable  
Garage: None  
Carport: None

Interior Information:

Story Height: 1.00  
# of Rooms: 4  
# of Bedrooms: Not On File  
Full Bathrooms: None  
Half Bathrooms: 2  
Building Sq. Ft.: 2000  
Basement Sq. Ft.: None  
Fin. Bsmt Sq. Ft.: None  
Interior Walls: Paneled  
Floors: Tile  
Heating: Ht. Pump  
A/C: Yes

Site Information:

Zoning Type: R2  
Terrain Type: On  
Character: Rolling/sloping  
Right of Way: Public  
Easements: Paved  
Water: Public  
Sewer: Septic  
Electric: Yes  
Gas: No  
Fuel Type: Electric  
Fireplace: None  
Stacked Fireplace: None  
Flues: None  
Metal Flues: None  
Stacked Flues: None  
Inop Flue/FP: None

-Property Information- -Sales Information- -View Sketch-

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Property Information - Tax Map# 138B 3 B - Account# 6410

Property Owner:  
Holloran Lloyd F Living Trust

[View Sketch  
\(Building 1\)](#)

Legal Description:  
Lot B On Rt 29  
138b 3 B

Owners Address:  
1135 Rugby Rd  
Lynchburg, Va 24503

Zoned:  
R2

Total Land Area:  
.610Acres

Assessment Values:	
Building 1	124,800
Other Improvements:	3,000
Land Value:	99,600
Total Value:	227,400

Physical Location:  
3597 Amherst Hwy

All Values Rounded to nearest 100

Magisterial District:  
Elon

[Property Information](#) - [Sales Information](#) -

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