



# Howard County Health Department

Maura J. Rossman, M.D., Health Officer

## Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

RECEIPT DATE: 5/18/23

### ONSITE SEWAGE DISPOSAL SYSTEM

P 574135

APPROVAL DATE: 6/6/2023

PERMIT:

REPAIR

A

PROPERTY ADDRESS: 3654 Sharp Road

SUBDIVISION:

LOT:

TAX ID:

CONTRACTOR: Legacy Septic

EMAIL:

CONTRACTOR ADDRESS: 2914 Hanover Pike, Manchester, MD 21102

PHONE: 410-840-8766

PROPERTY OWNER: Anthony Farnella

EMAIL:

OWNER ADDRESS: 3650 Sharp Road, Glenwood, MD 21738

PHONE:

SEPTIC TANK SIZE (GALLONS):

1500

TANK MANUFACTURER:

PUMP MODEL:

n/a

PUMP SIZE

n/a

PUMP TANK CAPACITY:

n/a

DISTRIBUTION SYSTEM:

☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS:

4

APPLICATION RATE:

1.2

TRENCHES:	LINEAR FEET REQUIRED:	143	INLET DEPTH:	3'
	TRENCH WIDTH:	2'	MAXIMUM BOTTOM DEPTH:	8'
	MINIMUM SPACE BETWEEN TRENCHES:	11' 6"	EFFECTIVE AREA BEGINNING DEPTH:	4'
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.			
NOTES:	Install system per approved design plan. locations staked in field.			

ISSUED BY:

K. Wolf

ISSUE DATE:

5/19/2023

EXPIRATION DATE:

5/19/2024

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

☒ ELECTRICAL PERMIT ISSUED

E

n/a

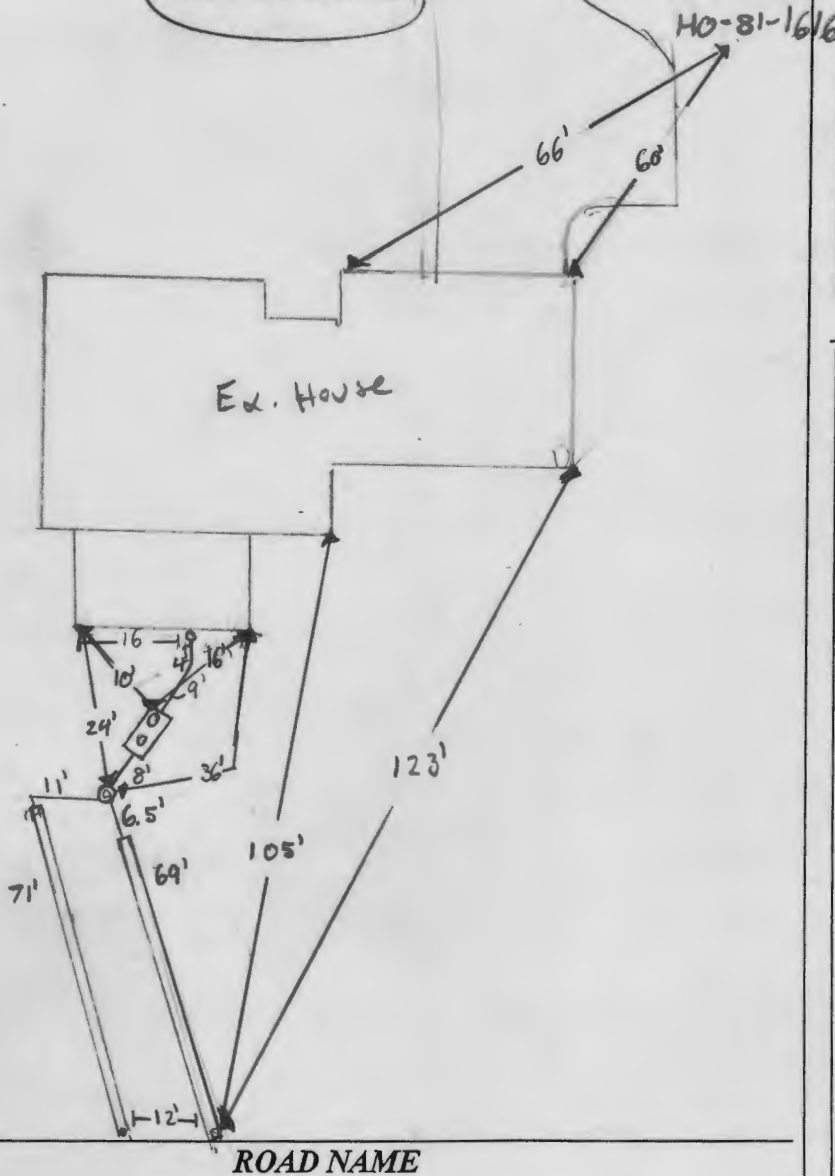
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH 2' INLET 3.5-4' BOTTOM 8'  
NUMBER OF TRENCHES 2  
TOTAL LENGTH 140  
ABSORPTION AREA 280 ft<sup>2</sup>  
DISTRIBUTION BOX LEVEL yes  
DISTRIBUTION BOX BAFFLE NO  
DISTRIBUTION BOX PORT Manhole

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL ys  
MANUFACTURER MO. Concrete  
CAPACITY 1000 GAL  
SEAM LOC Top  
TANK LID DEPTH 4'  
BAFFLES 6" Front & 4" back  
BAFFLE FILTER back  
MANHOLE LOC Front & back  
6" PORT LOC \_\_\_\_\_  
WATERTIGHT TEST —  
SLOTTED yes  
DATE ON LID 3/31/2023

**PUMP/SEPTIC TANK LEVEL** N/A

MANUFACTURER \_\_\_\_\_  
CAPACITY \_\_\_\_\_ GAL  
SEAM LOC \_\_\_\_\_  
TANK LID DEPTH \_\_\_\_\_  
BAFFLES \_\_\_\_\_  
BAFFLE FILTER \_\_\_\_\_  
MANHOLE LOC \_\_\_\_\_  
6" PORT LOC \_\_\_\_\_  
WATERTIGHT TEST \_\_\_\_\_  
SLOTTED ✓  
DATE ON LID \_\_\_\_\_

**PRE-CONSTRUCTION:**

4/20/2023 See memo  
4/19/2023 Design plan approved. (KWW)

**INSTALLATION:** 6/5/2023-Installer had hole dug for tank & started 1st upper trench.  
lolet per plan. Using transit while digging. Stone laid OK. No work should be  
backfilled, reinspect for tank, & box & trenches. (SP)

6/16/2023- Front line has fall, c/o installed near deck. Ex tank pumped & collapsed. O box has manhole  
& speedy levelers, leveled onsite. Lower trench @ 69' & upper @ 71'. Measured house to well. (SP)  
sending pic of installed baffle.

FINAL INSPECTOR

S. Page

DATE OF APPROVAL

6/16/2023



PIC OF D-box  
6/6/2023 (SP)

# HOME LAND

## ENVIRONMENTAL

p:443-995-5385 | [info@homelandhealthyhomes.com](mailto:info@homelandhealthyhomes.com) | [www.homelandhealthyhomes.com](http://www.homelandhealthyhomes.com)

<b>Date:</b> 3/9/2023 <b>Name of Evaluator:</b> Drew Henderson <b>Time:</b> 09:00 <b>Property Address:</b> 3654 Sharp Road Glenwood, MD 21738 <b>Recent Weather Conditions:</b> Normal		<b>Ordered By:</b> Angie Graboski  <b>Homeowner Interview:</b> The homeowner interview was sent conducted during the evaluation.	<b>Occupied:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>Length of Time Vacant:</b> N/A <b># of People Living in Home:</b> 6 <b>Property Age:</b> 1986 <b>System Age:</b> 1986 <b>Last Date of Cleaning:</b> ~1 Month Ago <b>Recomm'd Pumping Freq:</b> Annually
<b>Liquid level in tank is:</b> <input checked="" type="checkbox"/> Above Normal <input type="checkbox"/> Normal <input type="checkbox"/> Below Normal		<b>Bottom Solids Depth:</b> 4 Inches	
<b>Depth of tank:</b> 42 inches		<b>Type of Tank Access:</b> Cleanout	
<b>Maintenance appears:</b> <input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor		<b># of Bedrooms:</b> 3	
<b>Effluent Filter present:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Previous high liquid level:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Distance to well:</b> ~120 Feet			
<b>Records Search:</b> Records were received from Howard County prior to the evaluation.			
<b>Were there any impermeable surfaces above the septic system (i.e. driveway)?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>Type of Tank</b>	<b>Tank Composition and Size</b>	<b>Type of Absorption System</b>	
<input checked="" type="checkbox"/> Septic Tank (1 tank) <input type="checkbox"/> Aeration System <input type="checkbox"/> Other:	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Plastic  <b>Tank Size:</b> 1,000 gallons	<input checked="" type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound <input type="checkbox"/> Drywell (Number of: ) <input type="checkbox"/> Cesspool <input type="checkbox"/> Unknown:	
<b>System Component</b>	<b>Condition</b>	<b>Comments</b>	
<b>Septic Tank</b>	<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input checked="" type="checkbox"/> Needs Further Evaluation	A camera was used during the inspection (See camera inspection). The septic tank appears to be composed of concrete and is 1,000 gallons in capacity. Access to the tank is a cleanout at grade over the tank inlet; the tank is 42 inches below grade. It is recommended that a riser to grade be installed to facilitate proper access and maintenance. Upon arrival the liquid level in the tank was found to be above the normal operating level and backing up into the house. It is recommended that the tank be pumped to avoid further sewage backup into the house. The placement of the front and back baffles could not be verified due to the high liquid level and depth of the tank. The placement of the baffles need to be verified when the tank is pumped. The back/outlet of the septic tank needs to be excavated by a licensed septic contractor to determine the cause of the backup and perform the necessary remediation.	
<b>Absorption System</b>	<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input checked="" type="checkbox"/> Needs Further Evaluation	Per the County records the absorption system is composed of 1 distribution box and 2 drainfields. During the inspection 2 drainfields were located. The area above the drainfields was probed and found to be dry. The system has had a recent history of backups. Per the owner the tank was pumped approximately 1 month ago and a backup occurred shortly after the tank was cleaned, indicating the drainfields are saturated and backing up. The back/outlet of the septic tank needs to be excavated by a licensed septic contractor to determine the cause of the backup and perform the necessary remediation. Due to the age of the system it is recommended that owners budget for future repairs.	

# HOME LAND

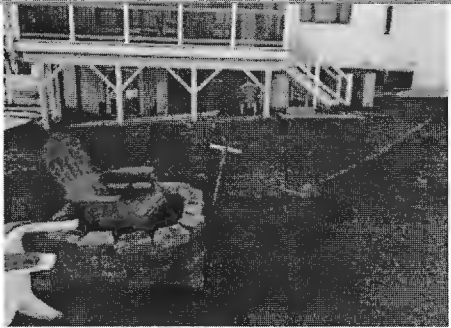
## ENVIRONMENTAL

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**Picture 1:**

Showing inside the cleanout into the septic tank. Liquid level in the tank was high, backing up into the cleanout and back into the house. Signs of previous high liquid levels observed inside the cleanout



**Picture 2:**

Showing the distribution box appears to be located underneath the fire pit



**Picture 3:**

Showing the location of the drainfields



**Picture 4:**

Showing the metal cleanout cap is broken and should be replaced

# HOME LAND

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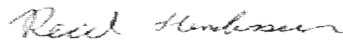
### Sketch of System

*See sketch for layout and approximate distances of the septic system.*

#### DISCLAIMERS

- This is a subjective and visual inspection only, the conclusions of which are based on the observed condition of the system components that could reasonably be accessed, and information known about the system at the time this report was completed. There may be unknown historical problems or unseen conditions which may compromise the conclusions stated in this report.
- Suggestions or recommendations for repairs or remediation may result in the need for further repair or remediation once the system components are fully excavated.
- A 'Satisfactory' evaluation does not mean the system will meet the local approving authority's criteria for determining compliance with state code: COMAR 26.04.02.02 D(4).
- The evaluation of the Sewage Disposal System as reported is based on the conditions observed on the day of the inspection.
- This report is neither a WARRANTY nor does it GUARANTEE continued acceptable functionality or performance of the Sewage Disposal Systems operations.
- If the house has been unoccupied the findings in this report may not be accurate, as limited or no use of the system may conceal or mask problems that may be revealed under typical sewage loading.
- If the general ground condition is excessively wet at the time of inspection, the findings in this report may not be accurate, as ground moisture may cover or hide septic effluent that may be on or near the ground surface.
- If the house is vacant or the conditions excessively wet during inspection, it is recommended that the system be reevaluated at a later date and/or alternate techniques be used to address those potential issues.
- Payment and/or use of this evaluation signify understanding and acceptances of the above clauses, as well as any noted faults with the system.
- Suggestions or recommendations for repairs or remediation may result in the need for further repair or remediation once the system components are fully excavated.

Representative's Signature:



Date: 3/9/2023

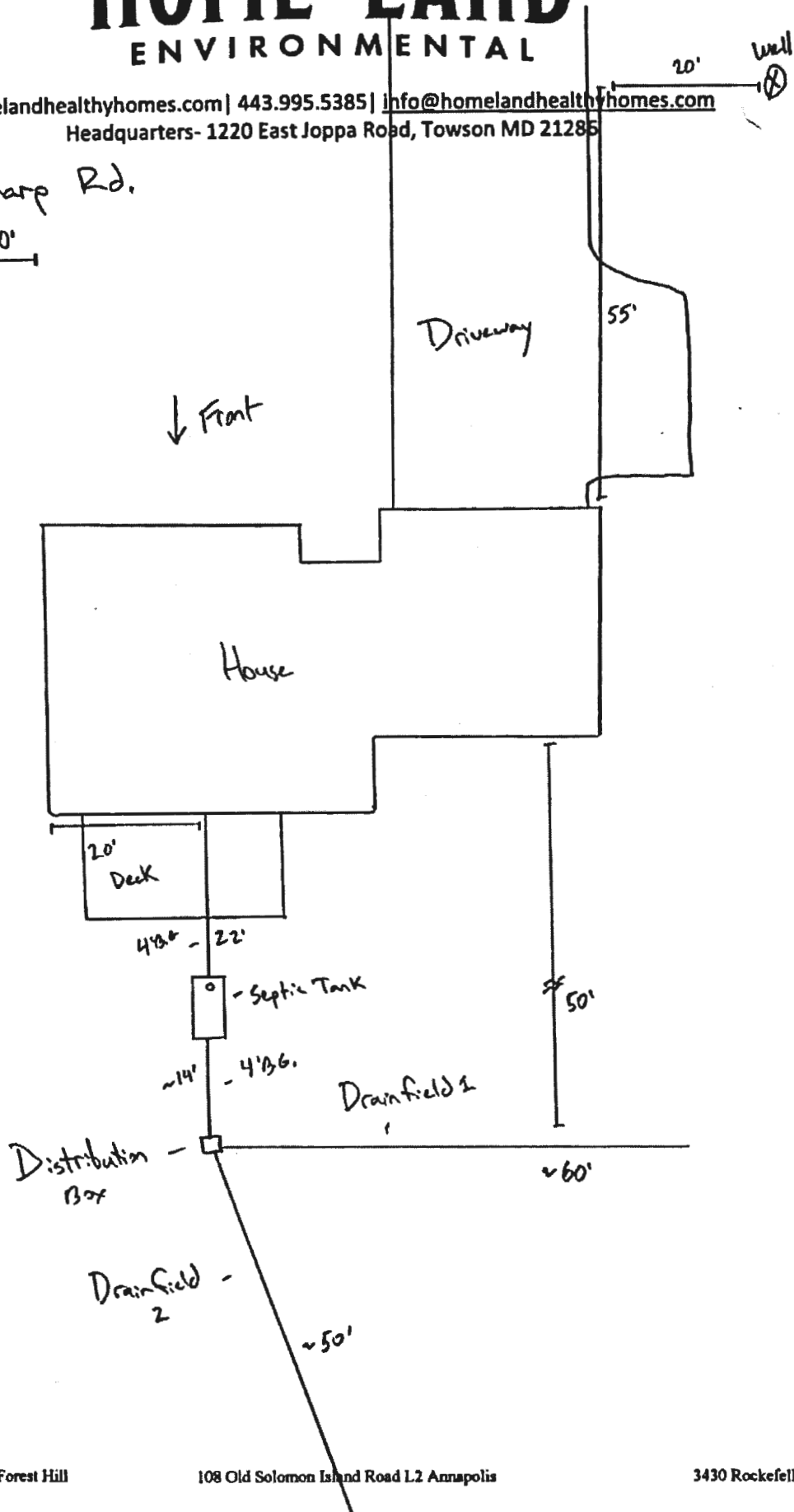
# HOME LAND

## ENVIRONMENTAL

homelandhealthyhomes.com | 443.995.5385 | info@homelandhealthyhomes.com  
Headquarters- 1220 East Joppa Road, Towson MD 21285

3654 Sharp Rd.

Scale: 1" = 10'







# Maryland On-Site Sewage Disposal System Inspection Report



\*\* For this inspection to be considered a proper inspection, all sections must be completed\*\*

## Pre-Inspection Information

### Property Information

Address: 3654 Sharp Road

City: Glenwood

State: MD

Zip Code: 21738

Permitted # of Bedrooms: 3

Build Year: 1986

Water Supply: Well

Property Type: Single Family Home

If Other:

Comments: Please refer to Home Land Environmental septic inspection reports for additional information.

### Owner Information/ Interview

Last Name: Angie

First Name: Graboski

Number of Occupants: 6

Number of Years Occupied: 10

If Vacant, Date Vacated (mm/dd/yyyy):

In-Home Business: No

Type:

Has the Property Recently had a Septic Inspection: No

Date:

Any Septic System Issues: Yes

Type: Backups into basement

Comments:

### Document Search Information

Document Request Date: 3/7/2023

Septic Permit Reviewed: Yes

#### Permitted Septic System Components:

Septic Tank: Yes

Install Year: 1986

Size: 1000 gal

BAT Unit: No

Install Year:

Manufacturer:

Distribution Box: Yes

Pumping Chamber: No

Absorption Type: Trenches

Total Trench Length/ Width: 110/2 Ft

Bed Size (L/W): Ft

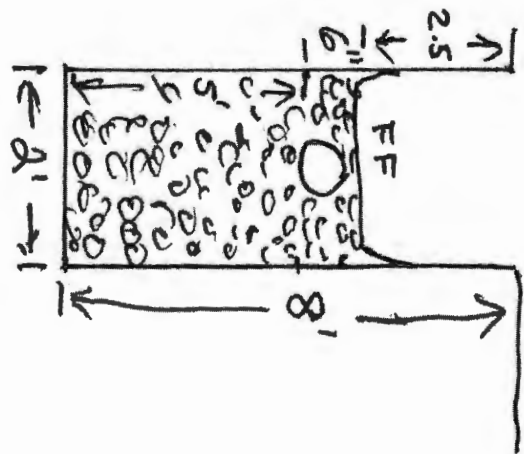
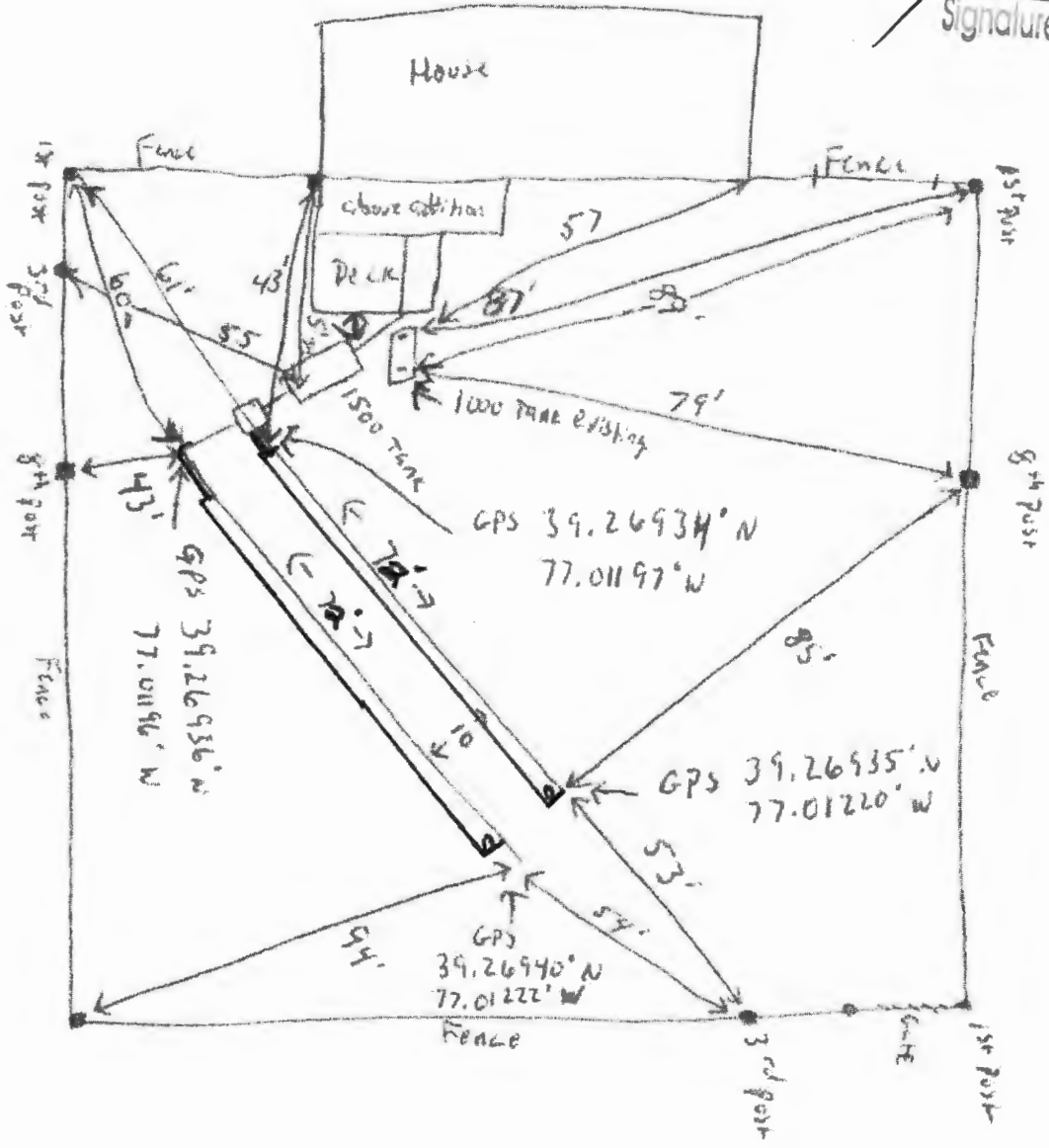
Absorption Component Depth: 9 Ft

Comments:



Approved Septic System Plan  
Howard County Health Department

Signature [Signature] Date 5/19/2023



TRENCH INLET 3'  
TRENCH LENGTH TOTAL 143'  
TRENCH DEPTH 8'  
NEW SEPTIC TANK  
TOPSEAM  
20000.  
1500 GAL

## Wolf, Kevin

---

**From:** Wolf, Kevin  
**Sent:** Friday, May 19, 2023 10:29 AM  
**To:** 'jwalsh@legacyseptic.com'  
**Subject:** 3654 Sharp Road | design spec's  
**Attachments:** [Untitled].pdf

George,

As discussed, please revise site plan to show the trenches as trenches, not lines. Also include all trench spec info as well as the tank info (i.e. manufacture, size, 2 comp., etc.)

The trench specs are as follows:

**Trench length: 143LF (2x72ft)**

**Trench width: 2ft**

**Trench depth: 8ft**

**Trench inlet: \*\*shallow as possible\*\***

**Septic tank: 2 comp. 1500 gallon (4-5BR)**

Thanks,

Kevin M. Wolf, LEHS, REHS/RS  
Groundwater Mgmt. Sec. Supervisor  
Well & Septic Program  
Howard County Health Department  
8930 Stanford Blvd.  
Columbia, MD 21045  
410-313-2645 (Office)  
410-313-2648 (Fax)  
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**From:** HP Scan <noreply@howardcountymd.gov>

**Sent:** Friday, May 19, 2023 10:18 AM

**To:** Wolf, Kevin <KWolf@howardcountymd.gov>

**Subject:** Scan from HP MFP

## On-site Inspection

Start Date: 3/9/2023

Completion Date:

### Crawl Space/ Basement Evaluation

Number of Drain Pipes Exiting Foundation Wall 1

Describe Each Pipe and Source: PVC sewer line leaves back of the house

Does Plumbing Evaluation Confirm all Wastewater is Directed into the Septic System: Yes

### Water Treatment

Does the House have any Water Treatment Devices: Yes

If Yes, Number: 2

Describe each Water Treatment Device:

If any, where is the Water Treatment Discharge Directed: Septic Tank

### Sewer Line Outside of Foundation

Pipe Material: PVC

Cracks/ Breaks: No

Blockage: No

Comments: Majority of sewer line was filled with sewage due to the system backing up into the house

### Grease Trap

Grease Trap: No

Size: (Gal)

Construction:

Liquid Level:

Proper Baffle:

Comments:

### Septic Tank

Septic Tank: Yes

Number of Tanks: 1

Total Size of Tank(s): 1000 (Gal)

Type of Tank(s): Single Compartment

Construction: Concrete

Liquid Level: Above Normal

Evidence of High Water Staining: Yes

Effluent Filter: No

Inlet Baffle:

Outlet Baffle:

Baffle Condition:

Access: Riser Above Grade

Evidence of Ground or Surface Water Intrusion: No

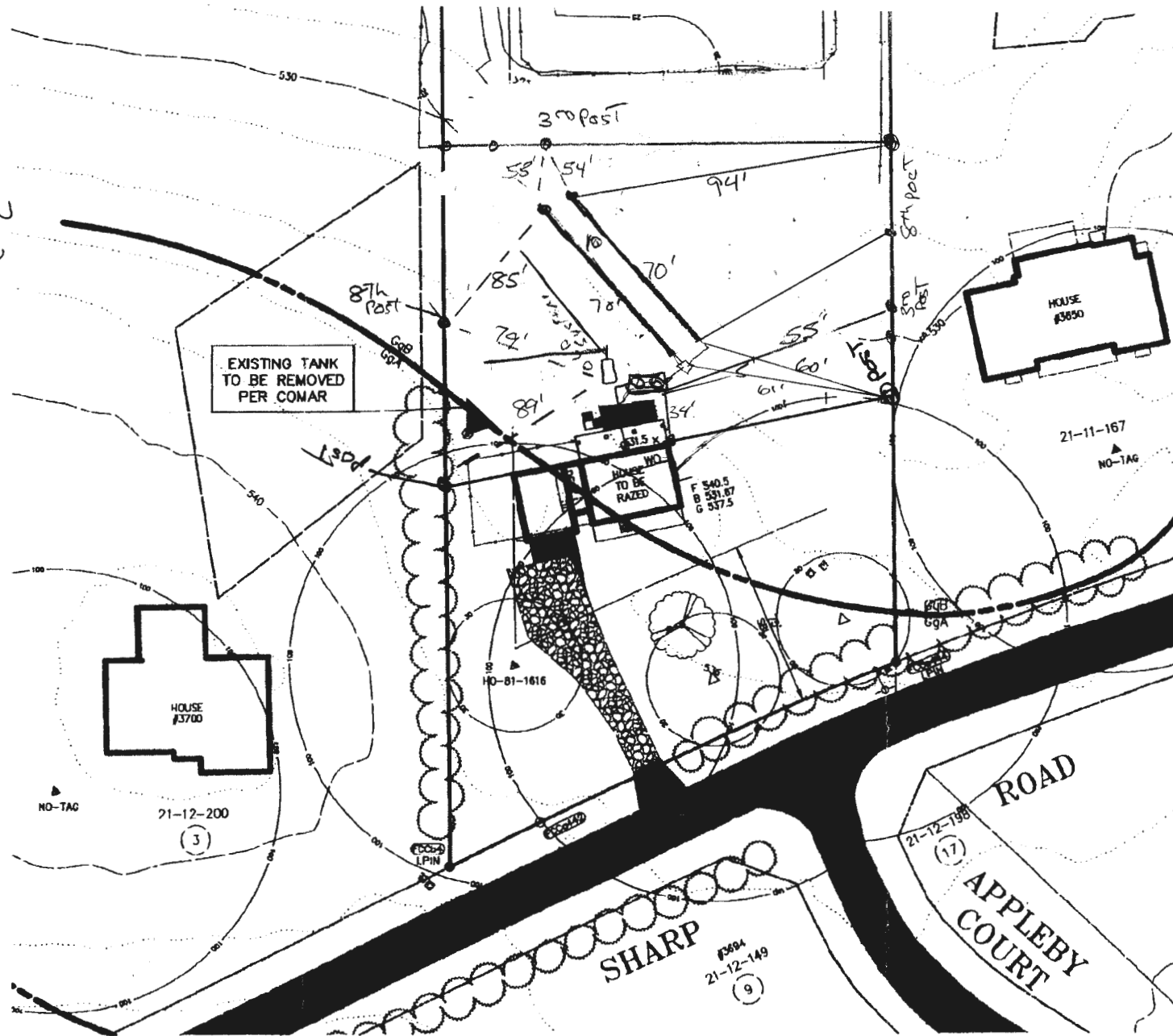
Comments: Liquid level in the tank was above the normal operating level. Baffles need to be verified after tank is pumped down. Recommend installing a manhole riser to grade to facilitate proper access and maintenance.

1ST TRENCH  
 START  
 GPS 39,26934 N  
 77,01197 W

END  
 GPS  
 39,26935 N  
 77,01220 W

2ND TRENCH  
 START  
 GPS  
 39,26936 N  
 77,01196 W

END  
 GPS  
 39,26940 N  
 77,01222 W



NO WELLS WITHIN 100'

21-12-193

(6)

REVISED

Date: 8/23/18

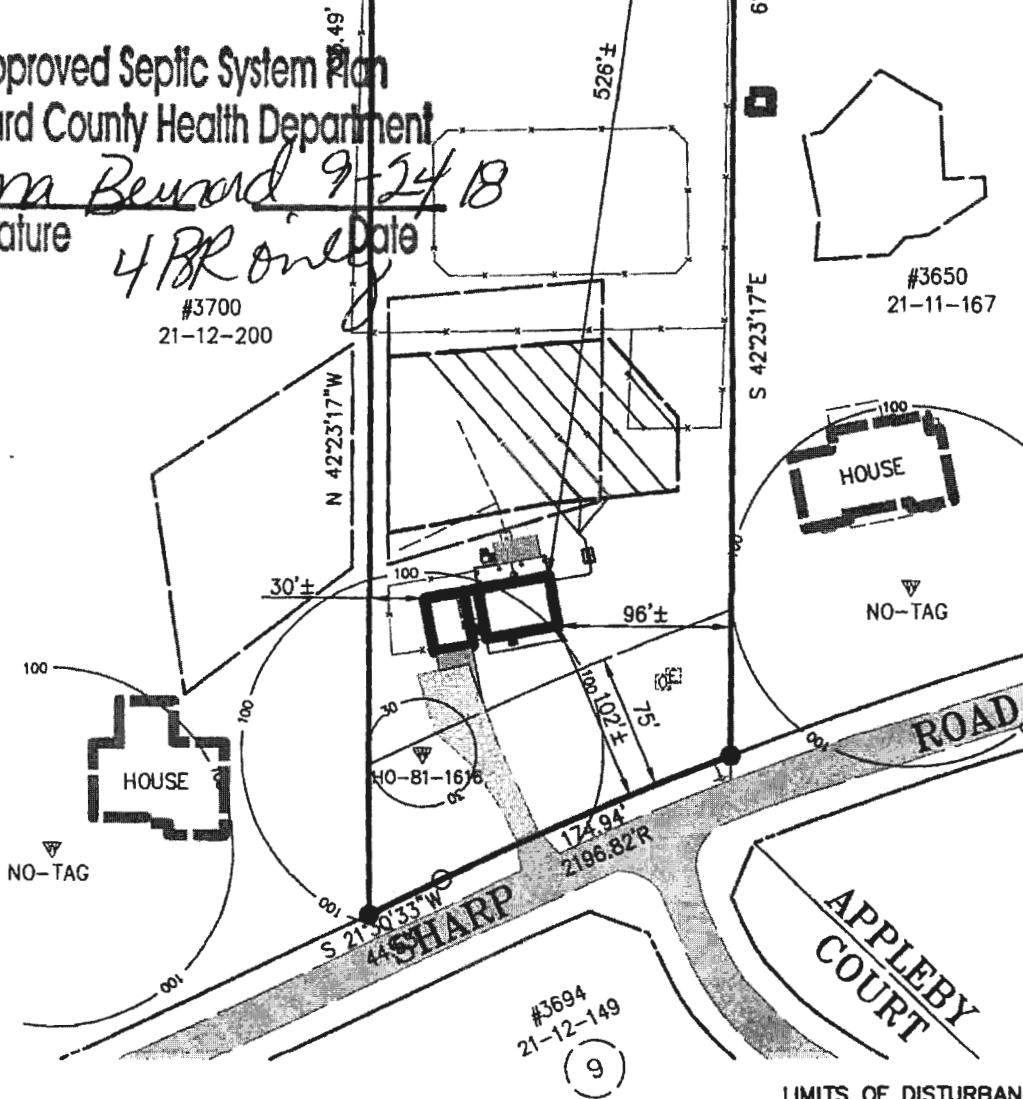
Comments: B18000549



Approved Septic System Plan  
Howard County Health Department

*Dana Beard* 9-24-18  
Signature Date  
4 PR only

#3700  
21-12-200



LIMITS OF DISTURBANCE = \_\_\_\_\_ Sq.ft.

**D.R.S. & ASSOCIATES**  
LAND DESIGN CONSULTANTS

52 WINTERS STREET  
WESTMINSTER, MARYLAND 21157  
410-848-4060 410-876-6040  
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**SITE PLAN**

**NICHOLAS O SHARP PORPERTY**  
MAP 21 BLOCK 12 PARCEL 200 LOT 4

ON SHARP RD NEAR GLENWOOD  
4TH ELECTION DISTRICT HOWARD COUNTY MARYLAND

I:\CAD\03339\97421\ST01-01.DWG, Sh01Map, 2018-08-15 8:19:18 AM, jfs

DATE: 2018-08-14

SCALE: 1" = 100'

DWG. ST01-01

SHEET 1 OF 2

4BR

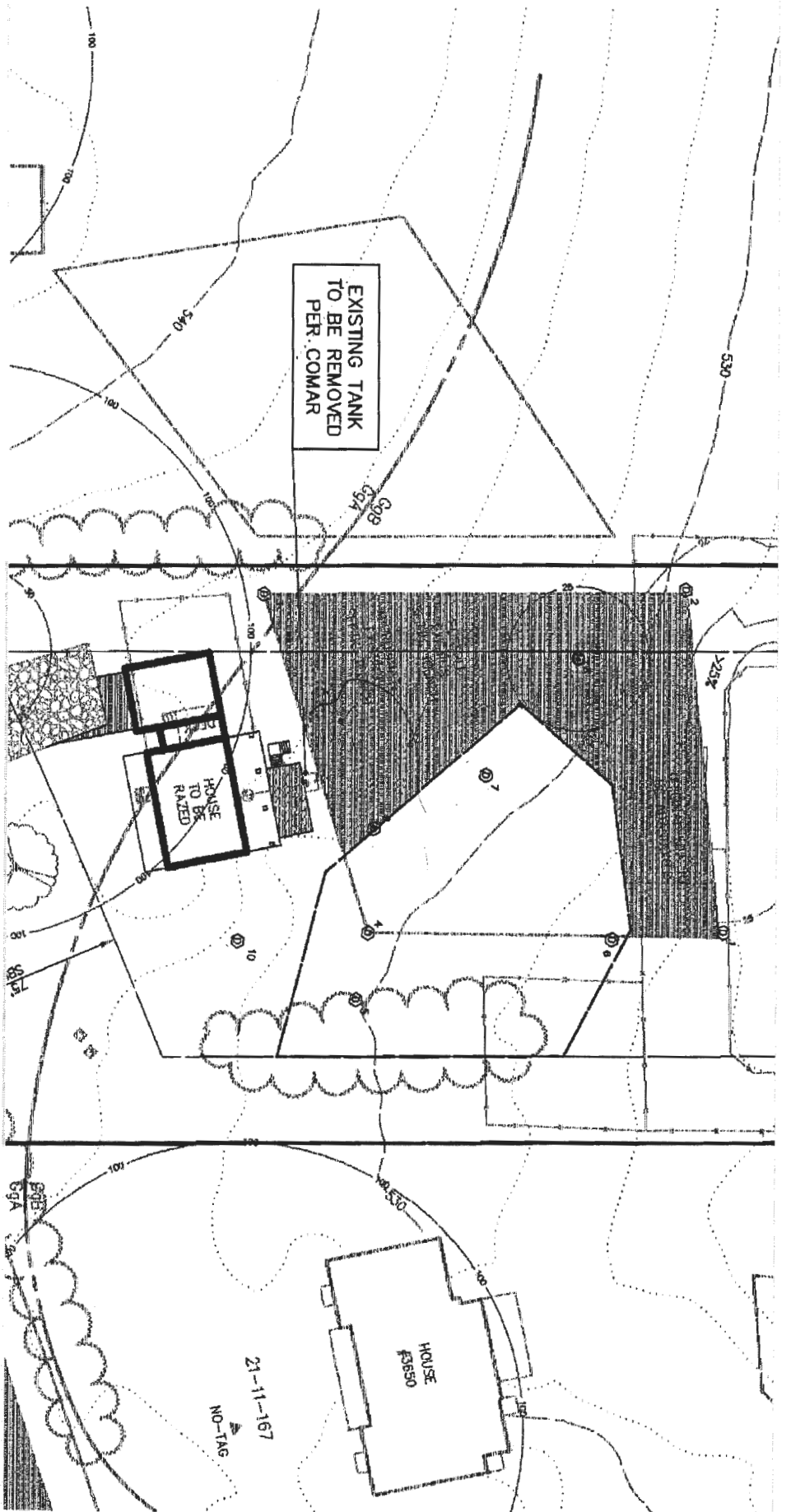
62' standard

$$\frac{600}{1.2} = 500 \div 2 = 250 (.57) \\ = \underline{143 LF}$$

5BR

$$\frac{750}{1.2} = 625 \div 3 = 208 (.62) \\ = \underline{129 LF}$$





Trenches 8  
2' wide

2' x 72'

Police Rhino D-box

Eggar has used them  
in Baltimore, Carroll,  
& Frederick (SP)

1ST TRENCH

START

GPS 39,26934 N

77,01197 W

END

GPS

39,26935 N

77,01220 W

2ND TRENCH

START

GPS

39,26936 N

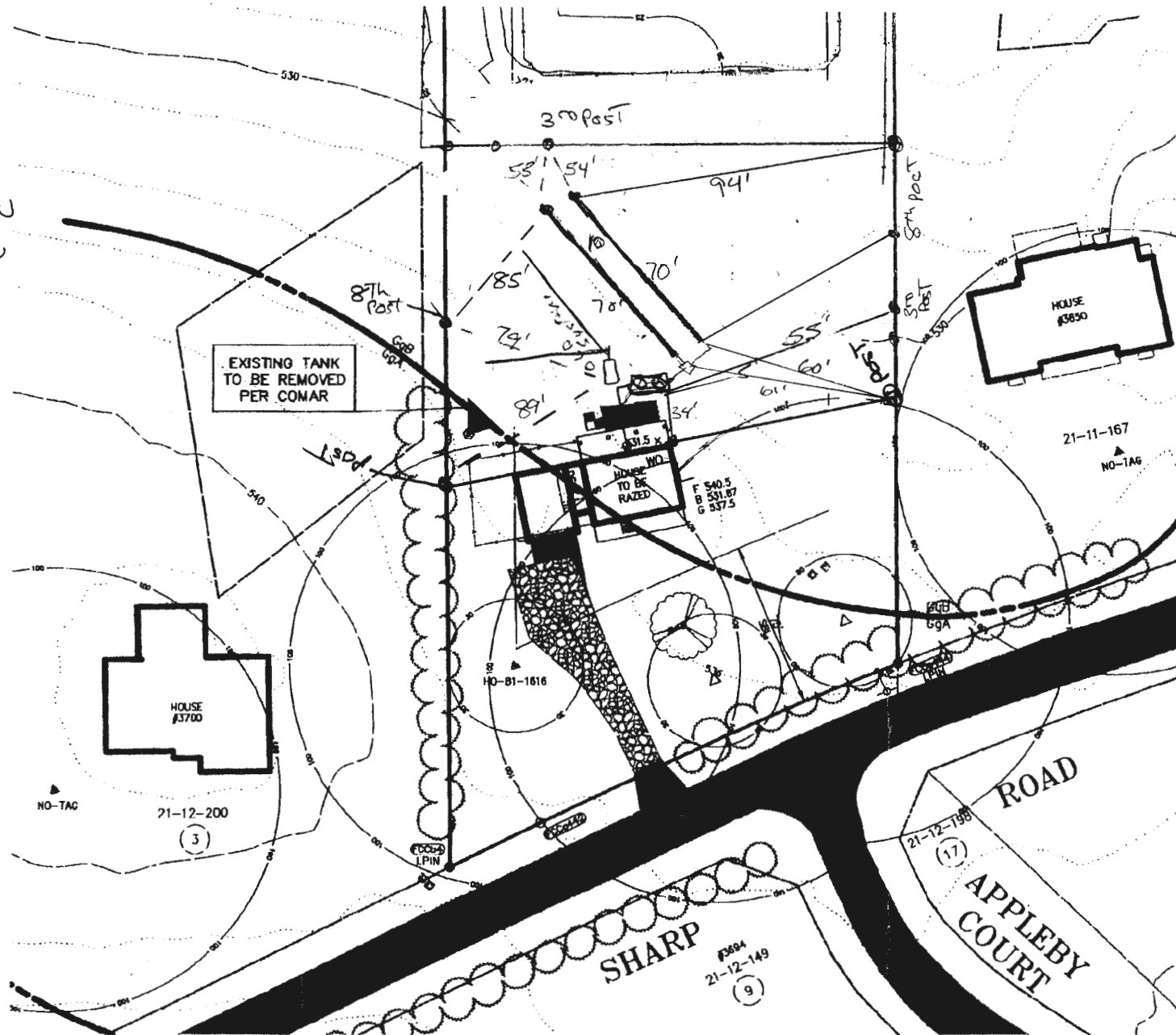
77,01196 W

END

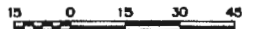
GPS

39,26940 N

77,01222 W



PLAN VIEW  
SCALE: 1"=40'



NO WALLS WITHIN 100'