

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](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 10/14/21 **ONSITE SEWAGE DISPOSAL SYSTEM** P 570201

APPROVAL DATE: 10/14/2021 **PERMIT: CONSTRUCTION** A \_\_\_\_\_

PROPERTY ADDRESS: 12255 Blue Sky Evening Way

SUBDIVISION: Fulton Woods LOT: 4 TAX ID: \_\_\_\_\_

CONTRACTOR: FREEDOM SEPTIC EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PROPERTY OWNER: Fulton Woods LLC EMAIL: \_\_\_\_\_

OWNER ADDRESS: 17701 Huntingmaster Ct PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): 2,000 TANK MANUFACTURER: Babylon

PUMP MODEL: \_\_\_\_\_ PUMP SIZE \_\_\_\_\_ PUMP TANK CAPACITY: \_\_\_\_\_

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>104'</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5'</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>Install 2 trenches @ 52'</u>	

ISSUED BY: H. Oswald. ISSUE DATE: 10/14/21 EXPIRATION DATE: 10-14-22

- 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.**

~1-30

NOT TO SCALE

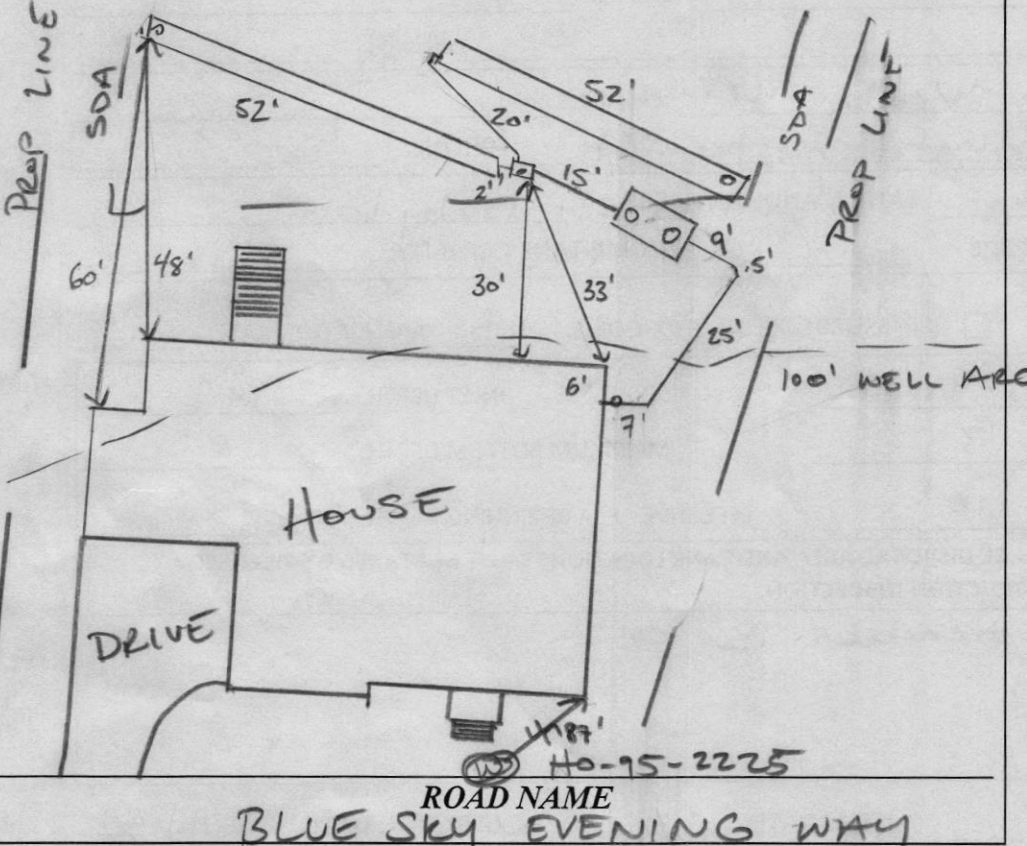
1' FILL EVENLY DISBURSED ON TOP

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3	4	8
NUMBER OF TRENCHES		2
TOTAL LENGTH		104 F
ABSORPTION AREA		312 SF + 3' SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		CONC.
DISTRIBUTION BOX PORT		YES

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	2.5'
BAFFLES	YES
BAFFLE FILTER	-
MANHOLE LOC	FRONT/BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	09/21/2021
PUMP/SEPTIC TANK LEVEL	-
MANUFACTURER	-
CAPACITY	- GAL
SEAM LOC	-
TANK LID DEPTH	-
BAFFLES	-
BAFFLE FILTER	-
MANHOLE LOC	-
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	-



**PRE-CONSTRUCTION:**

11/19/2021 LAID OUT 2x52' TRS STRAIGHTENED TR 1. *[Signature]*

INSTALLATION: 12/02/2021 SEWER LINE INSTALLED; TANK SET. \*DISCOVERED ~ 1' FILL ON TOP OF TRS. DEEPEN TO 0 HORIZON KEEP SAME INLET. *[Signature]*

12/02/2021 INSTALLED D BOX; WORKING ON CONSTRUCTING UPPER TR - 9' BOTTOM B/c OF 1' FILL. *[Signature]*

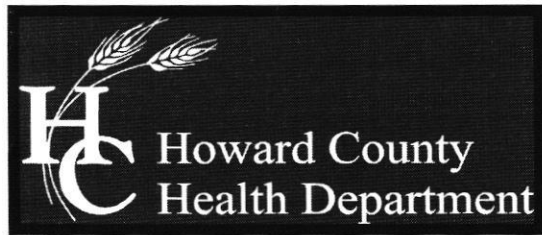
12/07/2021 TRENCHES COMPLETE; D BOX LEVELLED WITH SPEED LEVELS. *[Signature]*

FINAL INSPECTOR

*[Signature]*

DATE OF APPROVAL

12/07/2021



## Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

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June 4, 2021

Chris and Sarah Vee  
12255 Blue Sky Evening Way  
Fulton, MD 20759

**RE: Waiver Approval**  
12255 Blue Sky Evening Way  
Fulton, MD 20759

Mr. and Mrs. Vee,

This letter is being issued in response to your waiver request dated May 21, 2021. Your request for a waiver to allow the sewage disposal area to be located no closer than six (6) feet to the basement ingress/egress stairwell has been **approved**. Any deviations from the proposed work illustrated on the site plan submitted with the waiver request will be subject to further review by this department. Future proposed improvements to the property requiring a building permit may require perc testing and a percolation certification plan.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

A handwritten signature in black ink that reads 'Michael J. Davis'.

Michael J. Davis, Director  
Bureau of Environmental Health

May 21, 2021

Mr. Jeffery Williams  
Howard County Health Department Bureau of  
Environmental Health 8930 Stanford Blvd.  
Columbia, MD 21045

Re: Fulton Woods  
Lot 4  
Septic Adjustment/Waiver Request

Dear Mr. Williams:

As the owner and builder we are requesting a septic field adjustment/variance for Lot 4 at Fulton Woods to reduce the distance of the septic field setback to approximately 6.58 feet. Please see the attached drawings for the details.

This adjustment is being requested because the home to be built is larger than originally planned and can not be repositioned to solve the septic setback requirement, there is a failed perc in the left rear of the current septic field, and given COVID this project can not afford the cost or risk of an additional perc test. The foundation under the Sunroom is basement. In summary, this is the best solution given all of the criteria.

Thank you for your consideration of this request.

Sincerely,

BHBC, Gerald W. Lindsey  
BHBC

Managing Member  
Title

5/21/2021  
Date

[Signature]  
Chris and/or Sarah Vee - Owner(s)

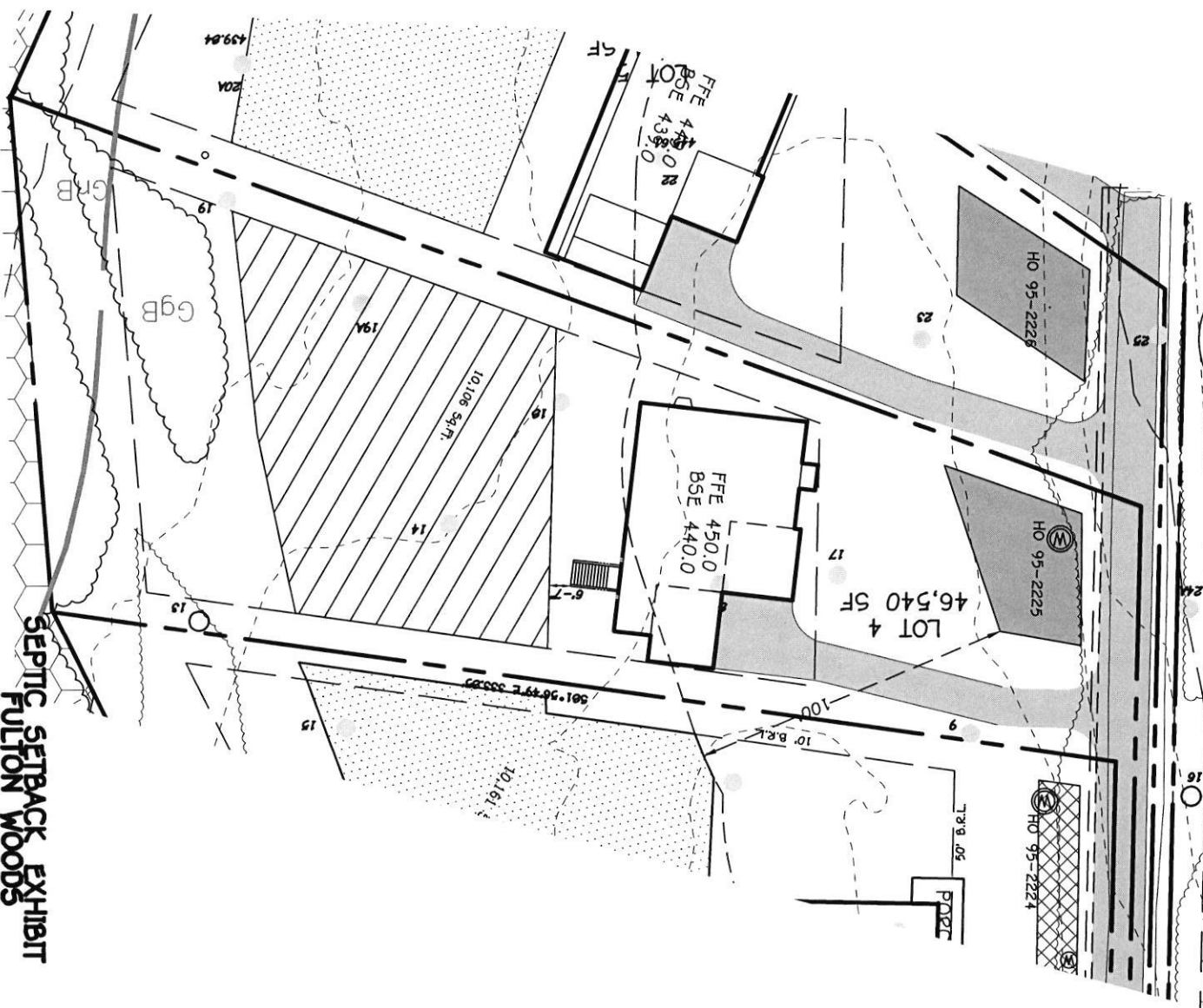
21 May 2021  
Date

6/4/21

Thank,  
I'm open to the idea of approving this waiver,  
but I need to see how these OSDs will fit  
within the SDA before making a final determination.  
Our 7 bedrooms may make it challenging.  
[Signature]



BLUE SKY EVENING WAY  
PRIVATE STREET



**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461 - 2955

SEPTIC SETBACK EXHIBIT  
FULTON WOODS

LOT 4  
12255 BLUE SKY EVENING WAY  
ZONED RR-DEO

TAX MAP No. 41 GRID No. 13 PARCEL No. 199  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1"=50' DATE: May 20, 2021

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Friday, April 23, 2021 10:26 AM  
**To:** Tony Fertitta  
**Cc:** dcarter@bhbcmd.com  
**Subject:** OSDS Plan\_12255 Blue Sky Evening Way\_Lot 4

Hi Tony:

I received an OSDS Plan for 12255 Blue Sky Evening Way, Lot 4. The plan shows the layout for 12245 Blue Sky Evening Way, Parcel A. Please revise and resubmit.

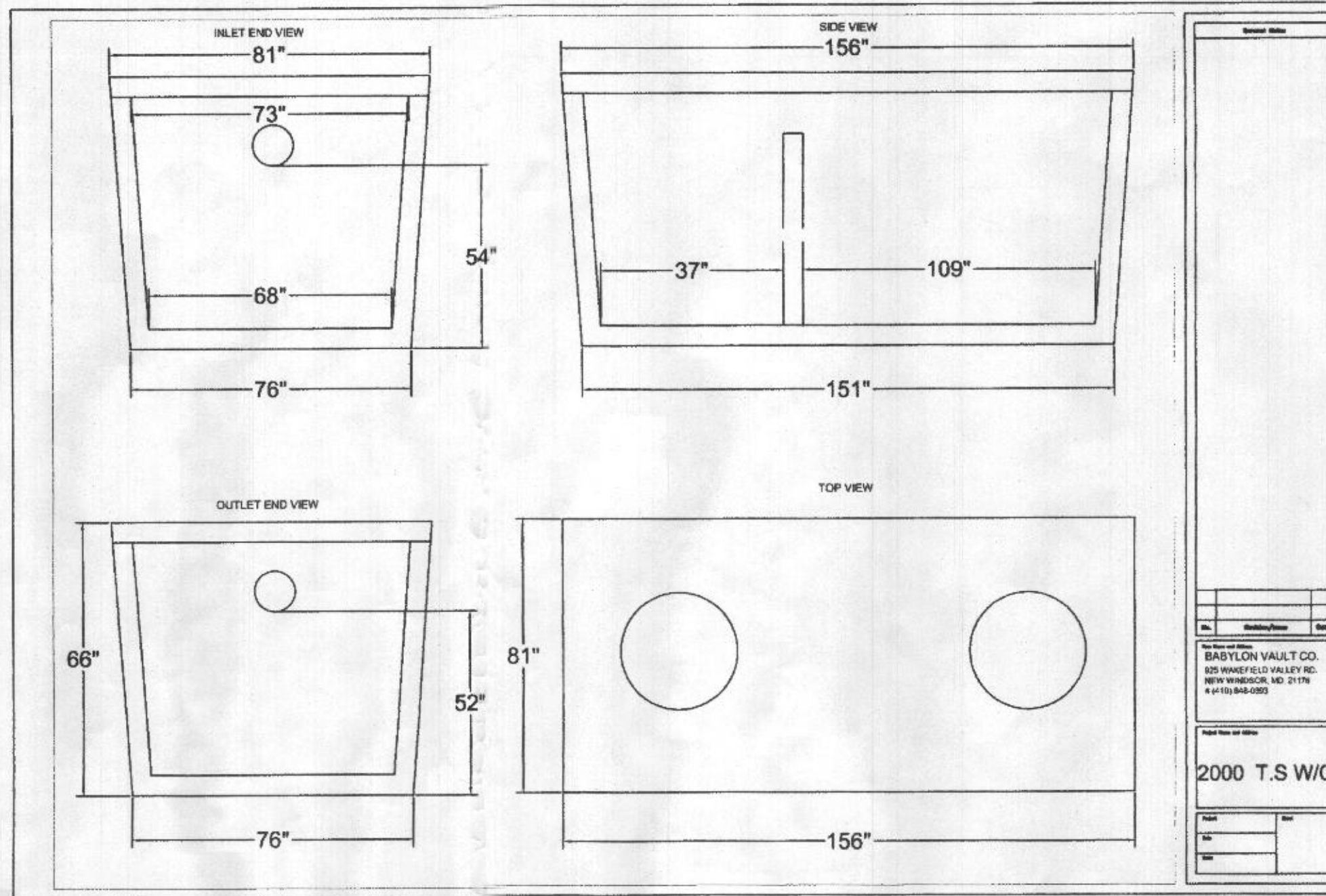
Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well & Septic Program  
410.313.1786

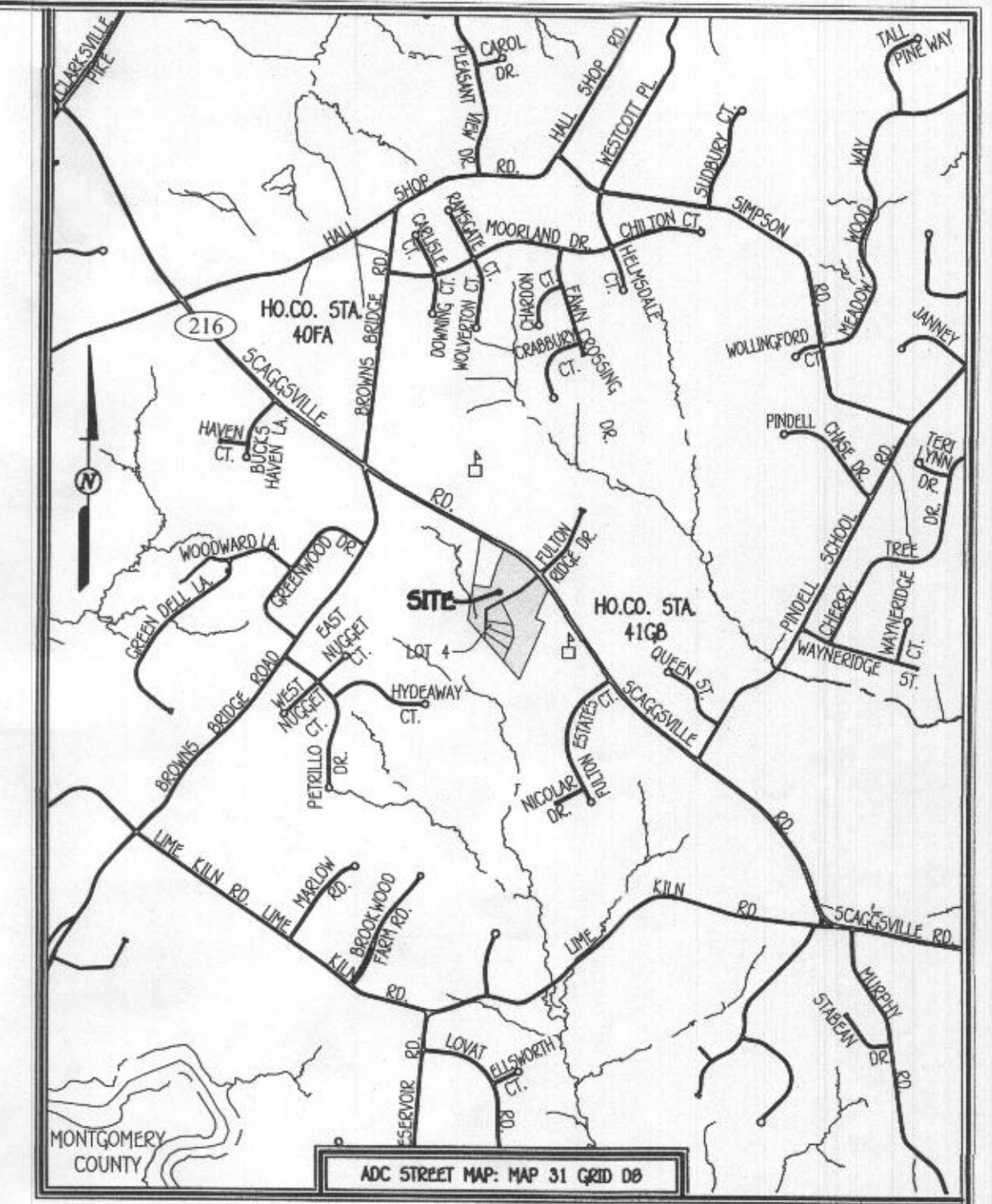
1. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
2. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
4. THE WELL HO-95-2225 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
5. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



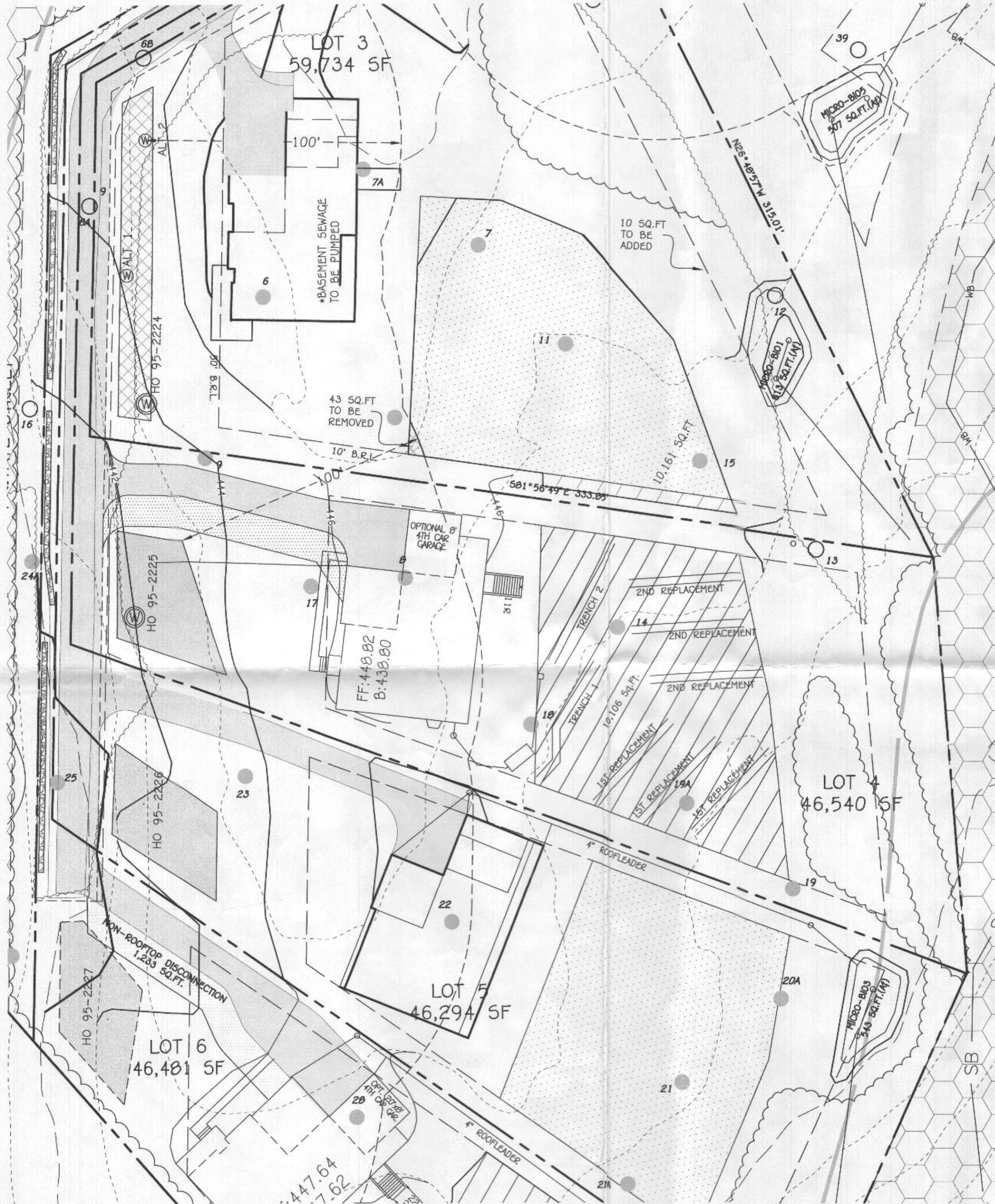
**TRENCH DATA:**

TRENCH 1:  
EX. GROUND ABOVE = 442.0  
INV. IN = 438.0  
BOTTOM TRENCH = 434.0

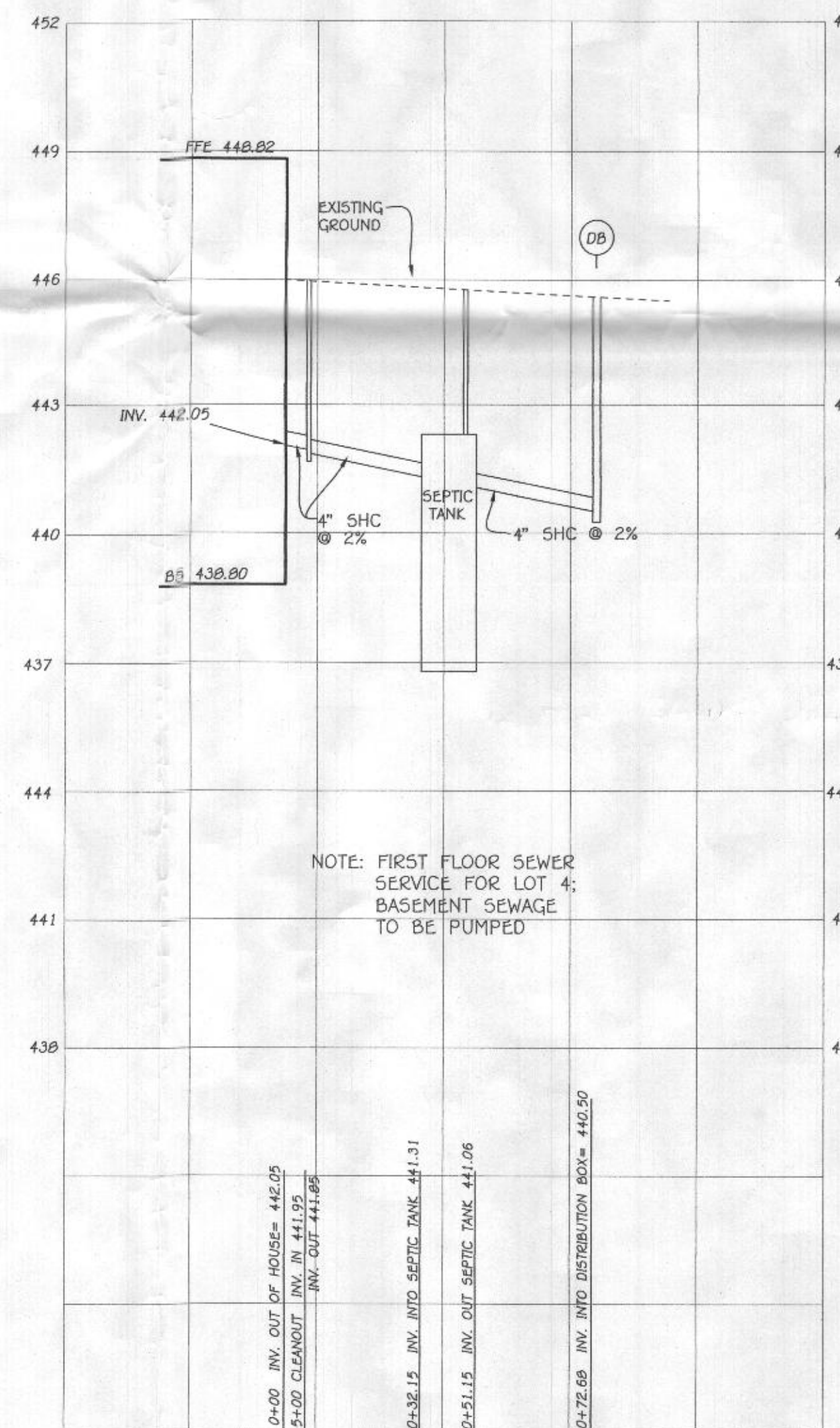
TRENCH 2:  
EX. GROUND ABOVE = 441.3  
INV. IN = 437.30  
BOTTOM TRENCH = 433.3



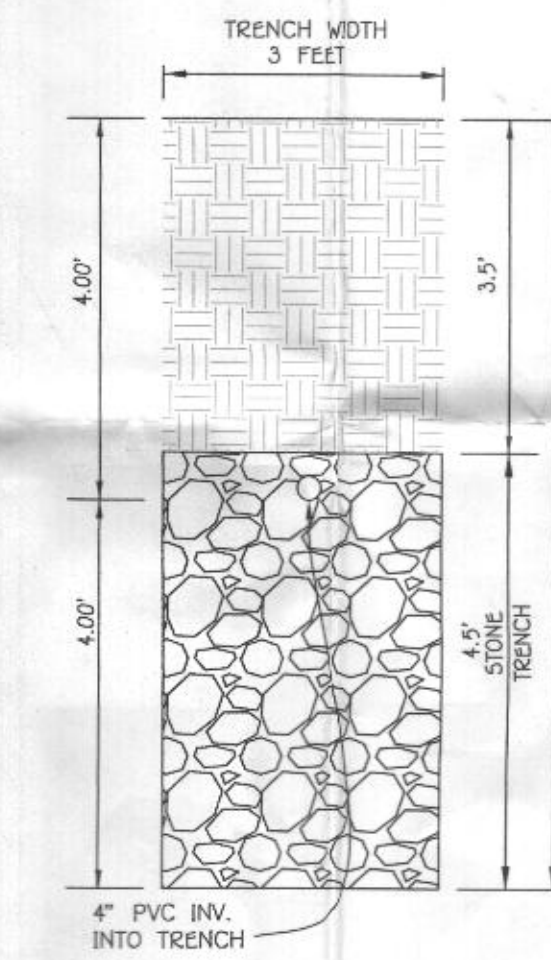
**VICINITY MAP**  
SCALE: 1" = 2,000'



**PLAN**  
SCALE: 1" = 30'



**SEPTIC PROFILE**  
SCALE: 1" = 30'



**INITIAL TRENCH DETAIL**  
SCALE: NTS

FFE 448.82  
BSE 438.80  
PROP. GROUND AT CLEANOUT #1 = 445.8  
INV. INTO CLEANOUT = 441.95  
INV. OUT OF CLEANOUT = 441.85  
EX. GROUND AT SEPTIC TANK = 444.7  
PROP. GRADE ABOVE SEPTIC TANK = 444.7  
TOP OF SEPTIC TANK = 442.31  
INV. INTO SEPTIC TANK = 441.31  
INV. OUT OF SEPTIC TANK = 441.06  
EX. GROUND AT DISTRIBUTION BOX = 444.5  
INV. INTO DISTRIBUTION BOX = 440.51  
INV. OUT OF DISTRIBUTION BOX = 440.50

Approved Septic System Plan  
Howard County Health Department  
*Mark Oswald* 6/7/21  
Signature Date

**INITIAL SYSTEM**

SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 5 BEDROOMS  
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD  
APPLICATION RATE = 1.2  
EFFECTIVE SIDEWALL BEGINS AT 5 FEET  
TRENCH DEPTH = 8 FEET  
TRENCH WIDTH (W) = 3 FEET  
EFFECTIVE DEPTH (D) = 3 FEET  
SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF  
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x3)) = 5  
TRENCH LENGTH = 208.33 SF x 0.5 = 104.17 FEET (USE 2 TRENCHES AT 52.08 LF.)  
TRENCH SPACING = 2D+W = ((2x3) + 3) = 9' USE 10'

**1ST REPLACEMENT SYSTEM**

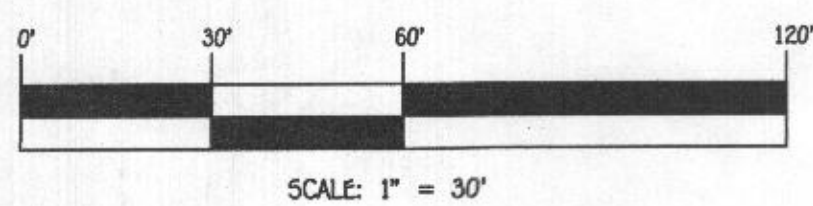
SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 5 BEDROOMS  
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD  
APPLICATION RATE = 0.6  
EFFECTIVE SIDEWALL BEGINS AT 2 FEET  
TRENCH DEPTH = 8 FEET  
TRENCH WIDTH (W) = 3 FEET  
EFFECTIVE DEPTH (D) = 6 FEET  
SF OF DRAINFIELD = 750 GPD / 0.6 = 1250 SF  
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x6)) = 31  
TRENCH LENGTH = 416.67 SF x 0.31 = 129.17 FEET (USE 3 TRENCHES AT 43.06 LF.)  
TRENCH SPACING = 2D+W = ((2x6) + 3) = 15' USE 15'

**2ND REPLACEMENT SYSTEM**

SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 5 BEDROOMS  
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM = 750 GPD  
APPLICATION RATE = 0.6  
EFFECTIVE SIDEWALL BEGINS AT 2 FEET  
TRENCH DEPTH = 8 FEET  
TRENCH WIDTH (W) = 3 FEET  
EFFECTIVE DEPTH (D) = 6 FEET  
SF OF DRAINFIELD = 750 GPD / 0.6 = 1250 SF  
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x6)) = 31  
TRENCH LENGTH = 416.67 SF x 0.31 = 129.17 FEET (USE 3 TRENCHES AT 43.06 LF.)  
TRENCH SPACING = 2D+W = ((2x6) + 3) = 15' USE 15'

**SEPTIC SYSTEM  
INSTALLATION SITE PLAN  
FULTON WOODS  
LOT 4  
12255 BLUE SKY EVENING WAY  
ZONED RR-DEO**

TAX MAP No. 41 GRID No. 13 PARCEL No. 199  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: APRIL 6, 2021



SCALE: 1" = 30'

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CONTINENTAL SQUARE, OFFICE PARK - 10272 SALTPIPER NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
(410) 461-2995

**OWNER/DEVELOPER**  
IN TRUST  
9720 PATUXENT WOODS DRIVE  
COLUMBIA, MD 21046  
410-379-9656



**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20748, EXPIRATION DATE: 02/22/2023.

*Adam Vitari*  
Signature of Professional Engineer  
6/2/21  
DATE

