

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)

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

RECEIPT DATE: 8.15.22 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 572140

APPROVAL DATE: 11/10/2022 **PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 13980 Monticello Drive

SUBDIVISION: Charles & Denis Sharp LOT: 1 TAX ID: \_\_\_\_\_

CONTRACTOR: Farm & Home Excavating EMAIL: \_\_\_\_\_

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

PROPERTY OWNER: \_\_\_\_\_ EMAIL: \_\_\_\_\_

OWNER ADDRESS: 739 Compass Rd, LLC PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: Babylon Vault

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

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

TRENCHES:	LINEAR FEET REQUIRED: <u>86 LF</u>	INLET DEPTH: <u>3.5</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
	LOCATION: PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: Stark Oswald ISSUE DATE: 8.15.22 EXPIRATION DATE: 8.15.23

- 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 DOWNGRADE 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 \_\_\_\_\_
- 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

CH1522

See at-d.

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
<u>3'</u>	<u>3.5'</u>	<u>8'</u>
NUMBER OF TRENCHES		<u>1</u>
TOTAL LENGTH		<u>80 F</u>
ABSORPTION AREA		<u>240 SF + 4</u>
DISTRIBUTION BOX LEVEL		<u>N/A</u>
DISTRIBUTION BOX BAFFLE		<u>YES</u>
DISTRIBUTION BOX PORT		<u>YES</u>

5' SIDE WALL

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	<u>YES</u>
MANUFACTURER	<u>BABYLON</u>
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>TOP</u>
TANK LID DEPTH	<u>~2'</u>
BAFFLES	<u>YES</u>
BAFFLE FILTER	<u>-</u>
MANHOLE LOC	<u>FRONT/BACK</u>
6" PORT LOC	<u>-</u>
WATERTIGHT TEST	<u>-</u>
SLOTTED	<u>YES</u>
DATE ON LID	<u>09/26/2022</u>

**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	_____

ROAD NAME

PRE-CONSTRUCTION:

10/19/2022 LAID OUT 1X 80' TRENCH

INSTALLATION:

11/03/2022 SL, TANK, D BOX SET. 11/10/2022 TRENCH COMPLETE.

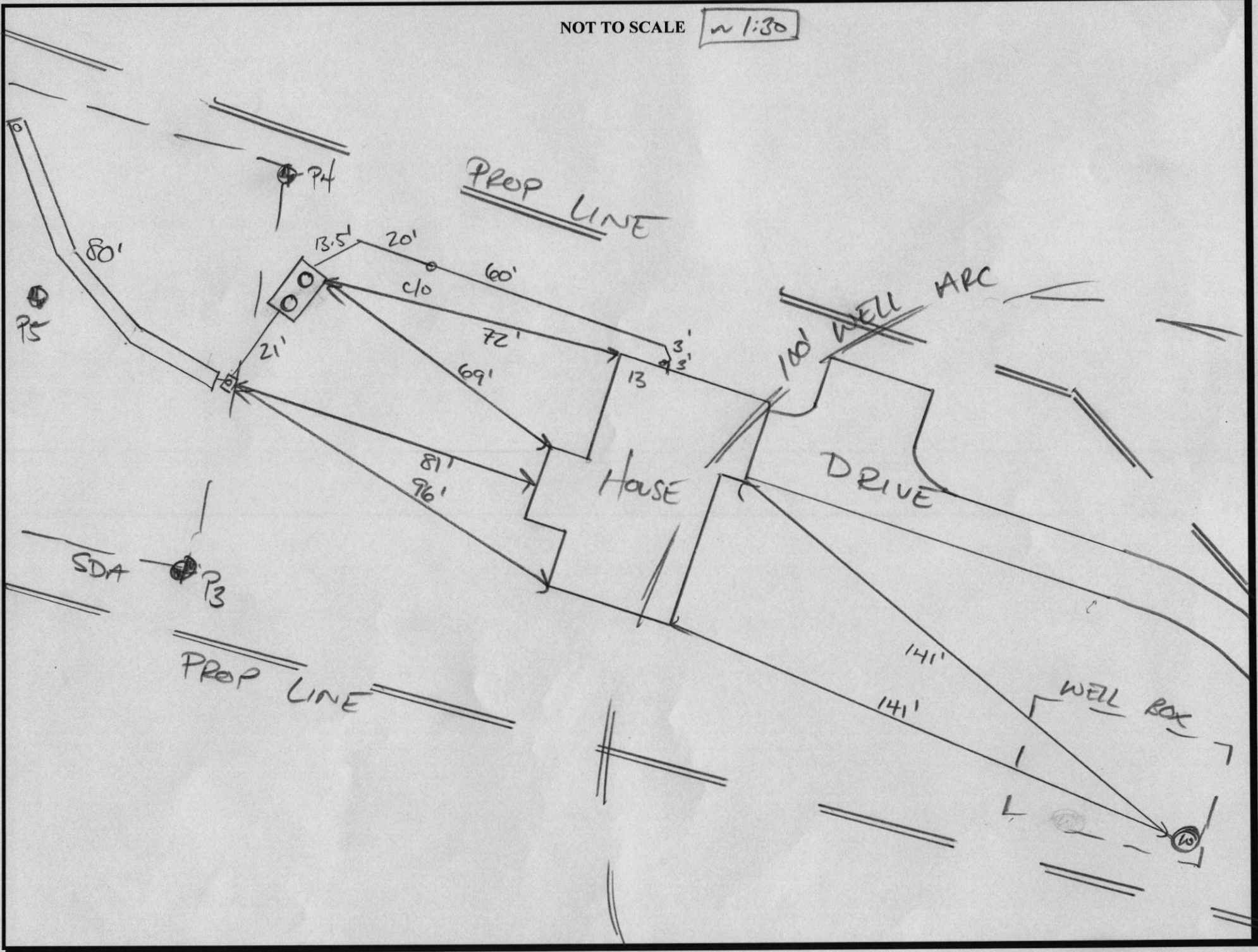
FINAL INSPECTOR

DATE OF APPROVAL

11/10/2022

NOT TO SCALE

~ 1:30



13980 MONTICELLO DRIVE

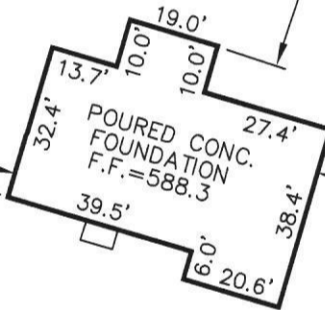
MD STATE PLAIN  
NAD 83/91

NON-BUILDABLE  
PRESERVATION  
PARCEL 'C'  
HARLESS MANOR  
PHASE 2  
PLAT No. 12202

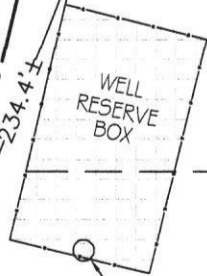
AGRICULTURAL LAND  
PRESERVATION EASEMENT  
PLAT No. 18440

PRIVATE SEWER EASEMENT

LOT 1  
PROPERTY OF CHARLES  
AND DENISE SHARP  
PLAT No. 18440  
49,980 Sq.Ft. ±



BUILDABLE PRESERVATION  
PARCEL 'A'  
PROPERTY OF CHARLES  
AND DENISE SHARP  
PLAT No. 18440



EX. WELL  
TAG#: HO-95-0328

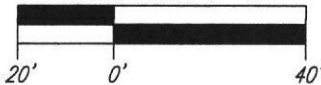


MAY 25, 2022

WALL CHECK SURVEY  
PROPERTY OF  
CHARLES AND DENISE SHARP  
LOT 1

PLAT No. 18440  
LIBER 20621, FOLIO 47  
TAX MAP-9, GRID-19, PARCEL-327  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

GRAPHIC SCALE 1"=40'



MONTICELLO  
DRIVE  
(50' R/W)

31.06'  
S 76°36'59" W

DESIGNED BY: NJ  
CHECKED BY: WR  
SCALE: 1" = 40'  
DATE: MAY 25, 2022  
PROJECT No. 3666  
SHEET: PAGE 1 OF 1

PREPARED BY:



**NJR & ASSOCIATES, LLC.**  
LAND SURVEYING AND PLANNING

2770 TERRAPIN RUN  
WEST FRIENDSHIP, MARYLAND 21794  
TEL: (240) 508-3200 FAX: (410) 799-9093

8.15.22  
Wall check  
OK.  
-HO.

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, October 6, 2021 2:29 PM  
**To:** roshannj@aol.com; mred.mreb@icloud.com  
**Cc:** Williams, Jeffrey  
**Subject:** RE: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

Hi Roshan:

This is a follow-up to my last email. In addition to your stated changes in your email dated Oct. 1<sup>st</sup>, if you were to add additional area to the well box further up/away from the swale while meeting the setback to the drywell, then we will just redline the perc cert plan on our end to avoid another perc cert plan review.

Please let me know if you have any questions.

Thanks,

Hank

**From:** roshannj@aol.com <roshannj@aol.com>  
**Sent:** Friday, October 1, 2021 11:46 AM  
**To:** mred.mreb@icloud.com; Oswald, Hank <hoswald@howardcountymd.gov>; Williams, Jeffrey <jewilliams@howardcountymd.gov>  
**Subject:** Re: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good morning,

I added two bollards for the well box protection and shortened the dry swale to half the length and doubled the width to move away from the well box. The check dams are also taken out as they are not needed at this end so this swale will not hold any water, even at rain events. Please review the attached PDF of the OSDS and let me know if this is okay to submit.

Thank you  
Najib Roshan, LS  
NJR & Associates, LLC  
2770 Terrapin Run  
West Friendship, MD 21794  
PH (240) 508-3200  
roshannj@aol.com

-----Original Message-----

**From:** Gregory Phillips <mred.mreb@icloud.com>  
**To:** Hank Oswald <hoswald@howardcountymd.gov>; Williams, Jeffrey <jewilliams@howardcountymd.gov>  
**Cc:** Najib Roshan <roshannj@aol.com>  
**Sent:** Thu, Sep 30, 2021 7:34 pm  
**Subject:** Re: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

Hi Hank,

I was wondering if you can run this by Jeff to see if your "Road Salt" is an issue for him since we are well off the public road.

Just to be clear I have become the expert on NaCl via Jacks landing and get everything you are contemplating.

However, we are well off of the public road and if Jeff agrees I would hate to have to do a perc cert update.

We can of course provide the rock / bollard.

If not we are under the gun to get the building permit approved before the fees go up and will do so ASAP.

Thanks Everyone,

Gregory B. Phillips  
Maryland Real Estate Development  
6100 Day Long Lane  
Suite 100  
Clarksville, Maryland 21029

Email: [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)

Website: [WWW.MRED.US](http://WWW.MRED.US)

Direct 410.977.0864



On Sep 30, 2021, at 11:32 AM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Can you bump the swale down a bit to help maximize the distance of the well box to the swale? You will need to revise the perc cert plan with the new well box location and add a note acknowledging due to the proximity of the well box to the swale and the concern for road salt, the replacement well must be drilled on the upper end of the well box. The note should be on both the PC and OSDS plan.

Let me know if you have any questions.

Thanks,

Hank

**From:** [roshannj@aol.com](mailto:roshannj@aol.com) <[roshannj@aol.com](mailto:roshannj@aol.com)>

**Sent:** Thursday, September 30, 2021 10:47 AM

**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Cc:** [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)  
**Subject:** Re: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

No, the existing well is only 25' from the beginning of the swale but the swale is sloped away from the well.

Thank you

Najib Roshan, LS  
NJR & Associates, LLC  
2770 Terrapin Run  
West Friendship, MD 21794  
PH (240) 508-3200  
[roshannj@aol.com](mailto:roshannj@aol.com)

-----Original Message-----

From: Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
To: [roshannj@aol.com](mailto:roshannj@aol.com) <[roshannj@aol.com](mailto:roshannj@aol.com)>  
Cc: [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com) <[mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)>  
Sent: Thu, Sep 30, 2021 10:17 am  
Subject: RE: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

Is the well box 50 feet away from the swale?

**From:** [roshannj@aol.com](mailto:roshannj@aol.com) <[roshannj@aol.com](mailto:roshannj@aol.com)>  
**Sent:** Thursday, September 30, 2021 10:01 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Cc:** [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)  
**Subject:** Re: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

The well box can be adjusted as shown in red on the attached. Can I just make the change on this plan or do we need to submit a Percolation Certification Plan for that?

The dry swale or a permeable pavement are the only two options for the beginning part of this driveway as I used Non Rooftop disconnect to the maximum square footage for the rest of the driveway. The permeable pavement is not a preferred method as it's costly and hard to maintain but if you prefer that over the dry swale, I can make the change.

Thank you

Najib Roshan, LS  
NJR & Associates, LLC  
2770 Terrapin Run  
West Friendship, MD 21794  
PH (240) 508-3200  
[roshannj@aol.com](mailto:roshannj@aol.com)

-----Original Message-----

From: Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
To: [roshannj@aol.com](mailto:roshannj@aol.com) <[roshannj@aol.com](mailto:roshannj@aol.com)>  
Cc: [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com) <[mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)>  
Sent: Thu, Sep 30, 2021 8:26 am  
Subject: RE: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

Hi Roshann:

Is the swale along the driveway and next to the well box necessary? Is there any way to adjust it or the well box to make the 50 foot setback?

If you can't make the driveway setback to well box, then you could show a large rock or some other permeant structure (i.e. bollard) in between the driveway and well box.

Hank

**From:** [roshannj@aol.com](mailto:roshannj@aol.com) <[roshannj@aol.com](mailto:roshannj@aol.com)>

**Sent:** Thursday, September 30, 2021 8:19 AM

**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>

**Cc:** [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)

**Subject:** Re: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

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Good morning,

1- The proposed swale has gravel check dams for erosion control where it is steeper then 4% but it will not hold water.

2- The existing well box corner is about 20' off the property line on the east side and even less on the west side. The proposed 12 wide driveway is the minimum with for single family dwelling so even if we slide the driveway edge to the property line where it will require a grading easement, we will still be only about 8 feet off the well box corner. Can we get a special exception type approval for this site as the offset encroachment is clipping a small corner area?

3- The perc test P4 is corrected on our files and we can resubmit for that or if possible, it could be hand fixed on the prints already submitted.

Thank you

[Najib Roshan, LS](#)

[NJR & Associates, LLC](#)

2770 Terrapin Run

West Friendship, MD 21794

PH (240) 508-3200

[roshannj@aol.com](mailto:roshannj@aol.com)

-----Original Message-----

From: Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>

To: '[roshannj@aol.com](mailto:roshannj@aol.com)' <[roshannj@aol.com](mailto:roshannj@aol.com)>

Sent: Wed, Sep 29, 2021 2:48 pm

Subject: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

Hi Roshann:

The OSDS Plan for 13980 Monticello Drive has been reviewed with the following comments:

1. The proposed swale is within 50 feet of the well box (The setback is 100 feet if it's a wet swale).
2. The well box is within 10 feet of the driveway.
3. Perc test hole P4 is labeled P8.

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

Thanks,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well and Septic Program  
410.313.1786  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, September 30, 2021 11:33 AM  
**To:** roshannj@aol.com  
**Cc:** mred.mreb@icloud.com  
**Subject:** RE: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

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Let me know if you have any questions.

Thanks,

Hank

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**Sent:** Thursday, September 30, 2021 10:47 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Cc:** mred.mreb@icloud.com  
**Subject:** Re: OSDS Plan\_13980 Monticello Drive\_Sharp Lot 1

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No, the existing well is only 25' from the beginning of the swale but the swale is sloped away from the well.

Thank you

Najib Roshan, LS

NJR & Associates, LLC

2770 Terrapin Run

West Friendship, MD 21794

PH (240) 508-3200

roshannj@aol.com

-----Original Message-----

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**To:** roshannj@aol.com <roshannj@aol.com>  
**Cc:** mred.mreb@icloud.com <mred.mreb@icloud.com>  
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Cc: [mred.mreb@icloud.com](mailto:mred.mreb@icloud.com) <[mred.mreb@icloud.com](mailto:mred.mreb@icloud.com)>  
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Najib Roshan, LS  
NJR & Associates, LLC

2770 Terrapin Run  
West Friendship, MD 21794  
PH (240) 508-3200  
[roshannj@aol.com](mailto:roshannj@aol.com)

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To: 'roshannj@aol.com' <[roshannj@aol.com](mailto:roshannj@aol.com)>  
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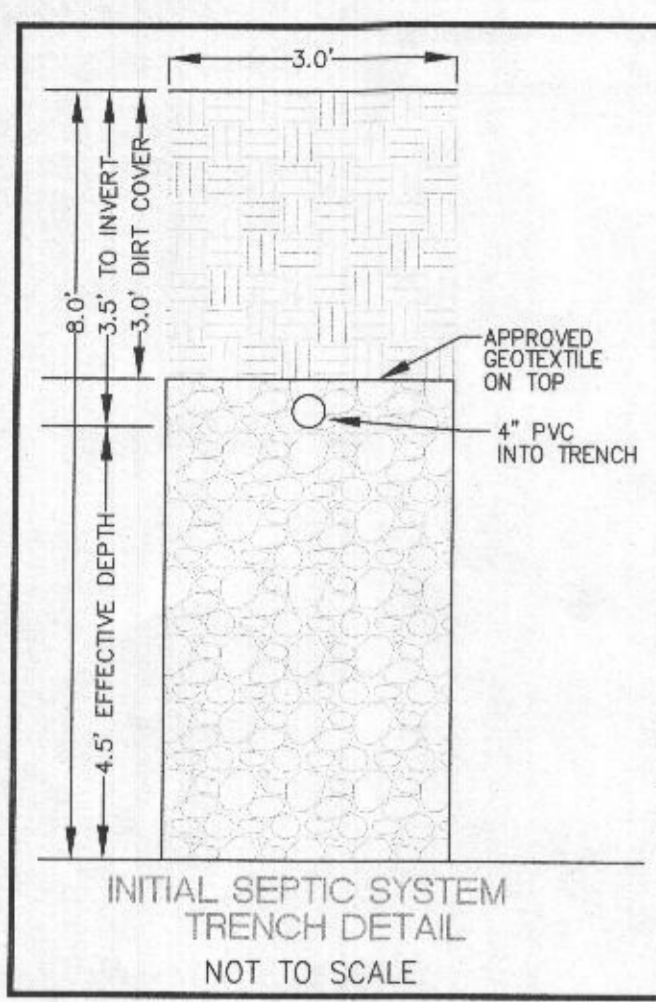
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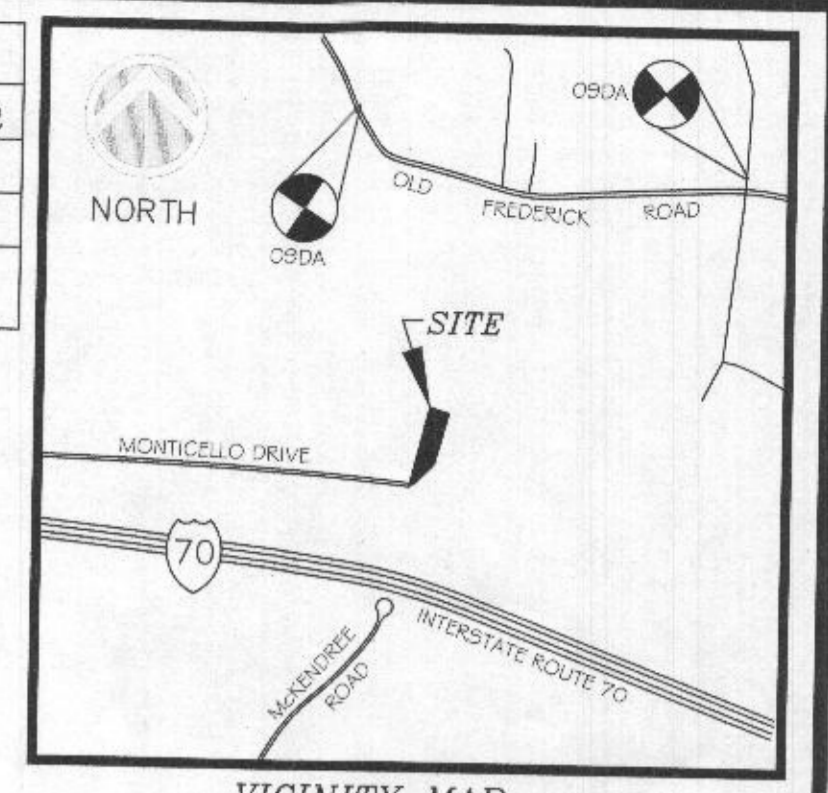
Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Well and Septic Program  
410.313.1786  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



SEPTIC TRENCH INFO, INITIAL SYSTEM				
TRENCH	TRENCH LENGTH OF GROUND	EX. TOP OF GRAVEL	TOP OF TRENCH	BOTTOM OF TRENCH
1	80'	582.3±	579.3	578.8
				574.3

SOIL TABLE				
SYMBOL	NAME/DESCRIPTION	TYPE	HYDROLOGIC	K-FACTOR
GgA	Glendy loam, 0 to 3% slope	B	No	0.24
GgB	Glendy loam, 3 to 8% slope	B	No	0.24
GgC	Glendy-Bale Silt Loam 0 to 8 percent slopes	C	YES	0.43



EXISTING WETLAND AREA PLAT No. 12026

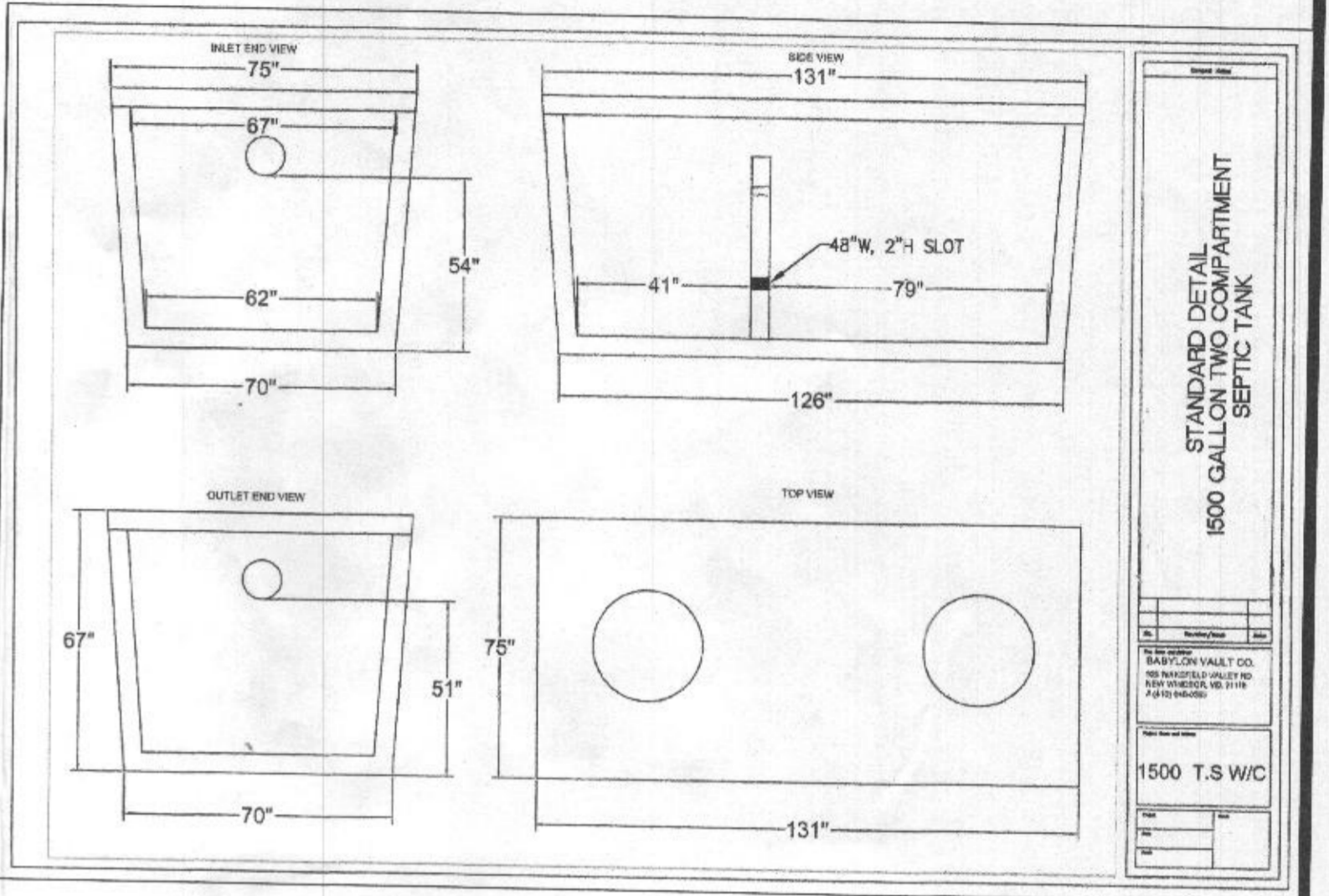
AGRICULTURAL LAND PRESERVATION EASEMENT PLAT No. 18440

NON-BUILDABLE PRESERVATION PARCEL C HARLESS MANOR PHASE 2 PLAT No. 12202

BUILDABLE PRESERVATION PARCEL A PROPERTY OF CHARLES AND DENISE SHARP PLAT No. 18440

**LEGEND**

- EX. ROAD SIGN
- EX. LIGHT POLE
- EX. UTILITY POLE
- EX. VALVE BOX
- EX. POST
- EX. TELE. PEDestal
- EX. EVERGREEN TREE
- EX. DECIDUOUS TREE
- EX. BUSH
- EX. SPOT ELEVATION
- PROP. SPOT ELEVATION
- EX. CONTOUR
- PROP. CONTOUR
- EX. EDGE WOODED AREA
- PROP. EDGE WOODED AREA
- PROP. SUPER SILT FENCE
- PROP. SILT FENCE
- PROP. LIMIT OF DISTURBANCE
- EX. SOIL TYPE DIVISION LINE
- EX. NOTES TO BE REVISED
- PROP. DRAINAGE FLOW DIRECTION
- PROP. STABILIZED CONSTRUCTION ENTRANCE
- EX. SEPTIC RESERVE AREA
- PROP. NON-ROOFTOP DISCONNECT (N-2)
- EX. AGRICULTURAL LAND PRESERVATION EASEMENT
- EX. WELL RESERVE BOX
- EX. PASSING PERCOLATION TEST
- EX. SOIL BORING LOCATION



**SEPTIC SYSTEM CALCULATIONS, INITIAL SYSTEM**

ABS. RATE= 1.2, EFFECTIVE DEPTH= 3.5'-8' (4.5')

DRAINFIELD AREA: 5 BEDROOMS AT 750 gpd / 1.2 ABSORPTION RATE=625 SQ. FT.

SIDEWALL REDUCTION CREDIT:  $\frac{WIDTH+2}{3+1+2(DEPTH)} = \frac{3+2}{3+1+2(4.5)} = \frac{5}{13} = 0.385$

LENGTH OF TRENCHES:  $625 \times 0.385 = 80$  LINEAR FEET

INITIAL SYSTEMS: ONE TRENCH OF 80 FEET IN LENGTH, 3 FEET WIDE, 10 FEET MINIMUM SPACED FROM OTHER TRENCHES IS PROVIDED.

**SEPTIC SYSTEM CALCULATIONS, FIRST REPLACEMENT SYSTEM:**

ABS. RATE= 1.2, EFFECTIVE DEPTH= 3.5'-7' (3.5')

DRAINFIELD AREA: 5 BEDROOMS AT 750 gpd / 1.2 ABSORPTION RATE=625 SQ. FT.

SIDEWALL REDUCTION CREDIT:  $\frac{WIDTH+2}{3+1+2(DEPTH)} = \frac{3+2}{3+1+2(3.5)} = \frac{5}{11} = 0.455$

LENGTH OF TRENCHES:  $625 \times 0.455 = 95$  LINEAR FEET

INITIAL SYSTEMS: ONE TRENCH OF 95 FEET IN LENGTH, 3 FEET WIDE, 10 FEET MINIMUM SPACED FROM OTHER TRENCHES IS PROVIDED.

**SEPTIC SYSTEM CALCULATIONS, SECOND REPLACEMENT SYSTEM:**

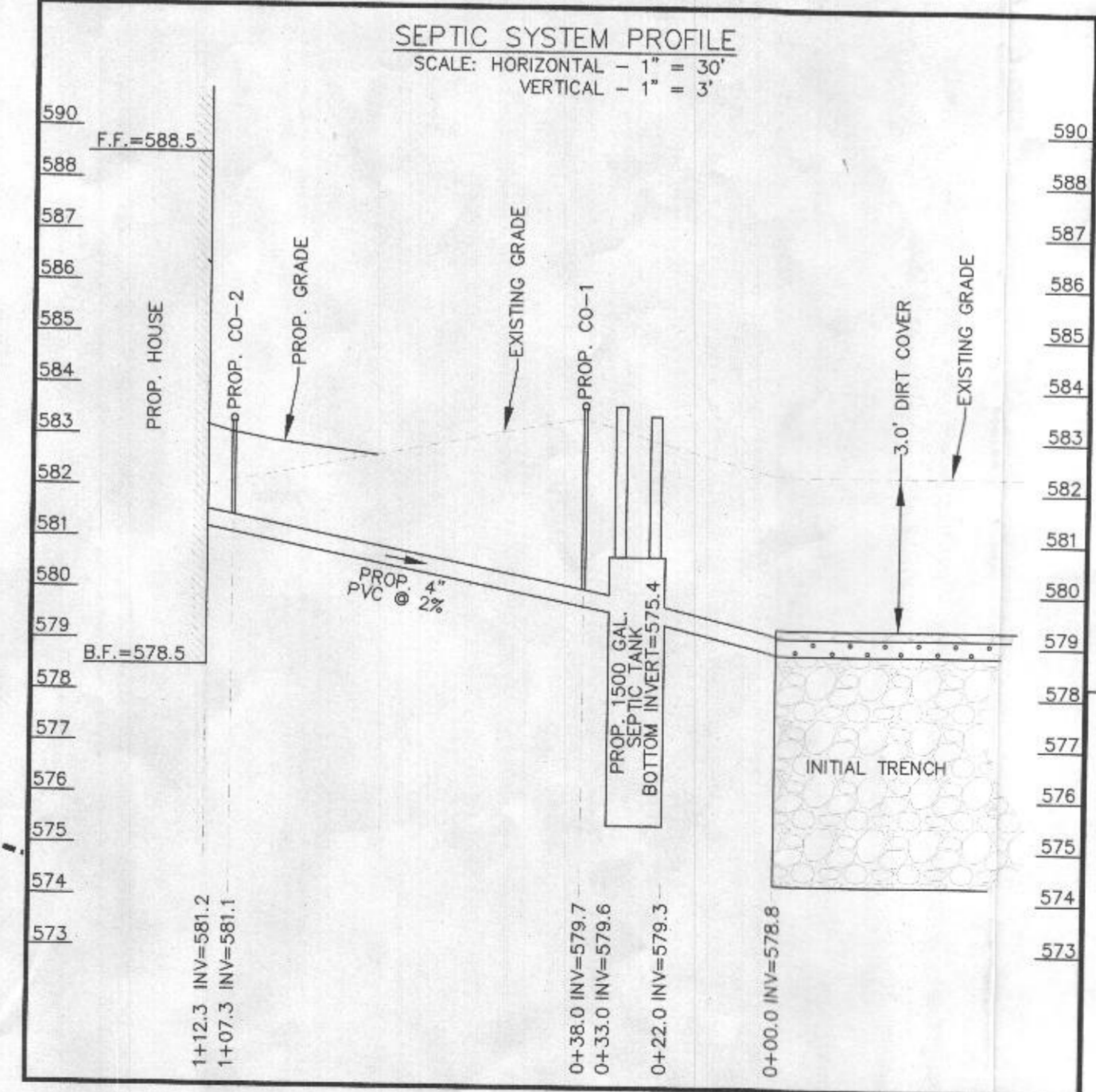
ABS. RATE= 0.8, EFFECTIVE DEPTH= 4.5'-7' (2.5')

DRAINFIELD AREA: 5 BEDROOMS AT 750 gpd / 0.8 ABSORPTION RATE=938 SQ. FT.

SIDEWALL REDUCTION CREDIT:  $\frac{WIDTH+2}{3+1+2(DEPTH)} = \frac{3+2}{3+1+2(2.5)} = \frac{5}{9} = 0.556$

LENGTH OF TRENCHES:  $938 \times 0.556 = 174$  LINEAR FEET

ALL SYSTEMS: TWO TRENCHES OF 87 FEET IN LENGTH, 3 FEET WIDE, 10 FEET MINIMUM SPACED ARE PROVIDED.



- NOTES:**
- ANY CHANGES 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. LOAD BEARING TANK.
  - THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN ON THIS PLAN.
  - THE EXISTING WELL (TAG # HO-95-0328) HAS BEEN FIELD LOCATED AND ACCURATELY SHOWN ON THIS PLAN.
  - ALL EXISTING WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN ON THIS PLAN.
  - THE TOPOGRAPHY SHOWN ON THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY BY NJR & ASSOCIATES PERFORMED ON SEPTEMBER OF 2021.
  - THIS SURVEY IS TIED TO MARYLAND STATE PLANE NAD 83/91 COORDINATE SYSTEM.
  - THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT ARE AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

Approved Septic System Plan  
Howard County Health Department  
Hank Oswald 10/13/21  
Signature Date  
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT. DATE

**MISS UTILITY**  
CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF FREDERICK COUNTY REGULATIONS.

REVISIONS	
No.	DATE

PLAN PREPARED BY:  
**NJR & ASSOCIATES**  
Land Surveying and Planning  
2770 TERRAPIN RUN  
WEST FRIENDSHIP, MD 21794  
TEL: (240) 508-3200

PROFESSIONAL CERTIFICATE  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 11049 WITH EXPIRATION DATE OF FEBRUARY 10, 2023.  
SIGNATURE DATE: OCTOBER 4, 2021

DEVELOPER'S CERTIFICATE  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.  
SIGNATURE OF DEVELOPER DATE

DEVELOPER  
CARUSO HOMES  
2120 BALDWIN AVENUE, SUITE-200  
GROFTON, MD 21144  
(301) 261-0277  
OWNER  
739 COMPASS ROAD, LLC  
11740 BYRCE OVERLOOK CT.  
COLUMBIA, MD 21044  
(410) 292-5211

**ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN**  
PROPERTY OF CHARLES AND DENISE SHARP  
LOT 1  
PLAT No. 18440  
LIBER 20021, FOLIO 47  
TAX MAP-9, GRID-19, PARCEL-327  
ZONING: RC-DEO  
SCALE: 1" = 20'  
JOB NO.: 3666  
DATE: AUG 30, 2021  
SHEET: 1 OF 1