

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

RECEIPT DATE: 12/18/2021 **ONSITE SEWAGE DISPOSAL SYSTEM** P 570880

APPROVAL DATE: 02/22/2022 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 2921 Maple Leaf Way

SUBDIVISION: Maple View LOT: 2 TAX ID: _____

CONTRACTOR: J & A Construction Services EMAIL: pyrobsa@jandacoconstruction.net

CONTRACTOR ADDRESS: 7911 Bennett Branch Rd, Hunt Hay MD 21771 PHONE: 410-635-2434

PROPERTY OWNER: Nagat Alalfey EMAIL: _____

OWNER ADDRESS: 6846 Sewels Orchard Drive 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: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install 2 – 78.5 foot trenches	

ISSUED BY: _____ ISSUE DATE: _____ EXPIRATION DATE: _____

- 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 _____
- 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

* see attached

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		156 F
ABSORPTION AREA		468 SF + 3' SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		CONC
DISTRIBUTION BOX PORT		4BS

SEPTIC TANK DATA

GRAV. CLARIFICATION	SEPTIC TANK 1 LEVEL	YES
	MANUFACTURER	BABYLON
	CAPACITY	1500 GAL
	SEAM LOC	TOP
	TANK LID DEPTH	2.5'
	BAFFLES	YES
	BAFFLE FILTER	NO
	MANHOLE LOC	FRONT/BACK
	6" PORT LOC	-
	WATERTIGHT TEST	NO
SLOTTED	YES	
DATE ON LID	12/16/2021	
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:

2/18/22 2x79' trenches staked out on contour according to plan. Tank location staked. Sufficient fall from SHC to tank inlet. (S)

INSTALLATION:

2/22/22 SHC and SL installed. SL sleeved w/ 6" pipe 45' from house for 7', according to plan. (S) 02/22/2022 INSTALLED SL, TANK TRENCHES. LEVELED D Box w/ SPEED LEVELS. (P)

FINAL INSPECTOR

[Handwritten Signature]

DATE OF APPROVAL

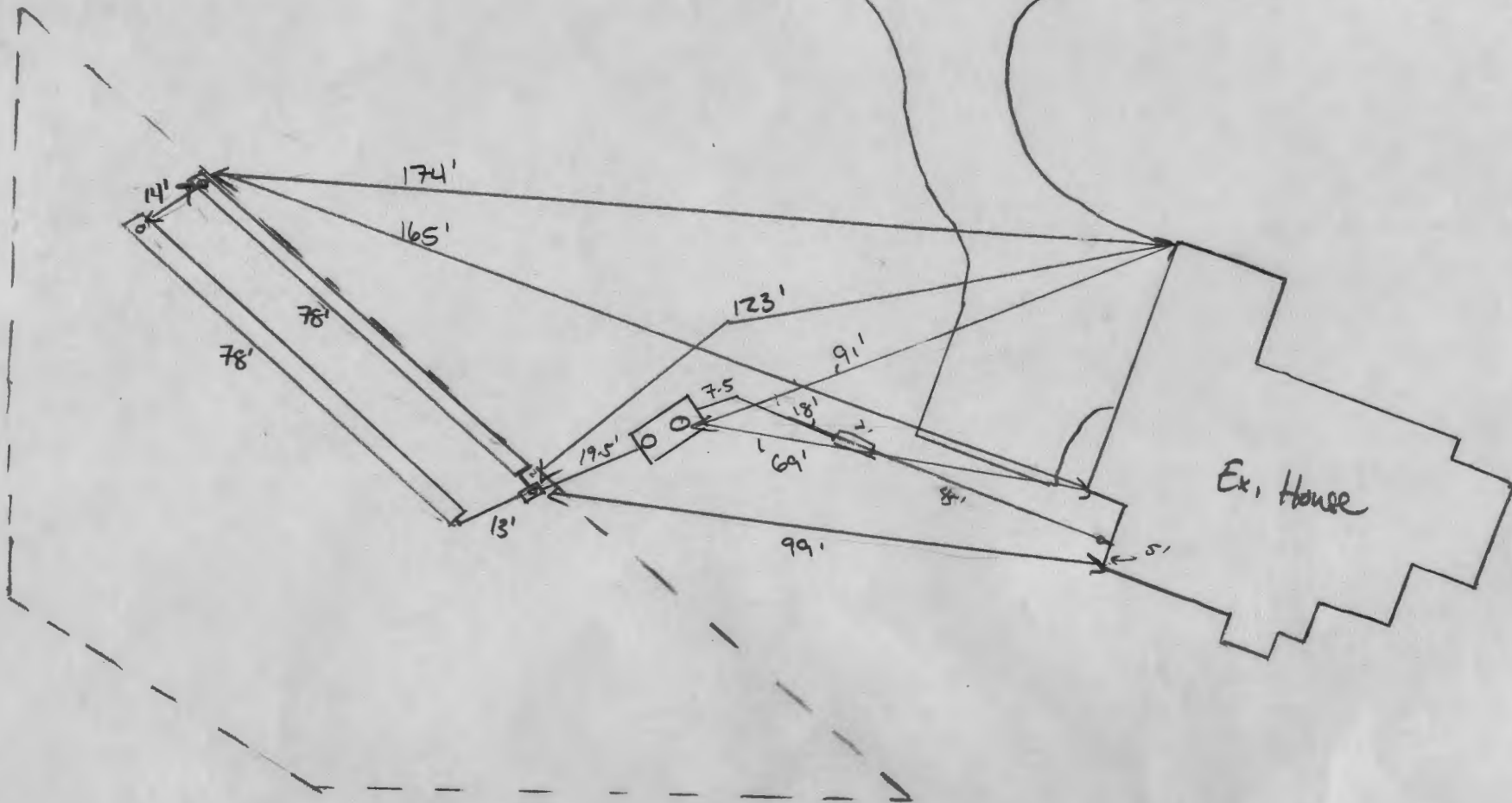
02/22/2022

2921 Maple Leaf Way

NOT TO SCALE 1" = 30'

* public water

Maple Leaf Way



Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, November 18, 2020 12:25 PM
To: roshannj@aol.com
Subject: Re: SDP-20-067 MAple View Lot 2

Hi Mr. Roshan:

Thanks for the clarification. Can you update the OSDS Plan and send in paper copies.

Thanks,

Hank

From: roshannj@aol.com <roshannj@aol.com>
Sent: Wednesday, November 18, 2020 10:44 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Re: SDP-20-067 MAple View Lot 2

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

Good morning,

The Micro-Bio Retention facility is basically a rain garden with some extra filtration media and it will not hold water more than a few minutes after a rain event. The solid SCH-40, 4" PVC is only an Overflow pipe that will not carry water unless the facility is overwhelmed by a rain event. This pipe is shallow and the enter line is over 4' off of the edge of the SDA.

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: Oswald, Hank <hoswald@howardcountymd.gov>
To: roshannj@aol.com <roshannj@aol.com>
Sent: Tue, Nov 17, 2020 3:45 pm
Subject: SDP-20-067 MAple View Lot 2

Hi Mr. Rashann:

I have a couple of questions about SDP-20-067, Maple View Lot 2. What type of pond are you showing on the plan? Is it a rain garden? Is a wet pond with water in it all of the time? What is the distance between the SDA and storm water discharge pipe?


Thanks in advance,

Hank

Hank Oswald
Howard County Health Department
Well and Septic Program

-  Keep as New
-  Reply
-  Reply All
-  Forward
-  Delete
-  Spam
- More ▾

SDP-20-067_Maple View Lot 2_Stormwater Management Devices

 Oswald, Hank (hoswald@howardcountymd.gov)

To: you [Details](#) ▾




Hi Mr. Rshan:

At your earliest convenience, please forward paper copies of SDP-20-067 to the Health Department.

Thanks,

Hank

Hank Oswald
Howard County Health Department
Well and Septic Program
410.313.1786

-  Reply
-  Reply All
-  Forward





On Apr 16, 2020, at 11:54 AM, Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Hi Greg:

I reviewed the revised OSDS Plan for 2921 Maple Leaf Way (Maple View Lot 2), but I don't see where we received the building permit application and floor plans for this project. Have they been submitted to the permits office? If so, what's the building permit #?

Thanks,

Hank

From: gphillips@mred.us <gphillips@mred.us>

Sent: Monday, April 13, 2020 3:37 PM

To: Oswald, Hank <hoswald@howardcountymd.gov>

Cc: Najib Roshan <roshannj@aol.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>

Subject: Re: Maple View 2.0

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

No Problem, let's just catch up by the end of the week whenever you have time!

Be Safe.

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

Direct 410.977.0864
gphillips@MRED.US

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On Apr 10, 2020, at 4:59 PM, Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Hi Greg,

There was a change in the schedule. Today is a county holiday and the building was closed. I will look for it next week.

Hank

Sent from my Verizon, Samsung Galaxy smartphone

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, April 16, 2020 2:31 PM
To: Bricker, Robert
Cc: Williams, Jeffrey
Subject: Fw: Maple View Lot 2 (2921 Maple Leaf Way)

Robert FYI You were spot on. Thanks for the heads up. Hank

From: MRED <gphillips@mred.us>
Sent: Thursday, April 16, 2020 12:36 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: Najib Roshan <roshannj@aol.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>; Monica Lanigan <mlanigan@carusohomes.com>
Subject: Re: Maple View Lot 2 (2921 Maple Leaf Way)

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

Hank,

Thanks for the outreach.

Our first step is to get the F-Plan redline approved with DED & DPZ. We have submitted to your office, the septic discharge plan, with the intention of submitting a building permit once the redline is approved. As you are aware we need those plans to sync up so we submitted to you at the same time.

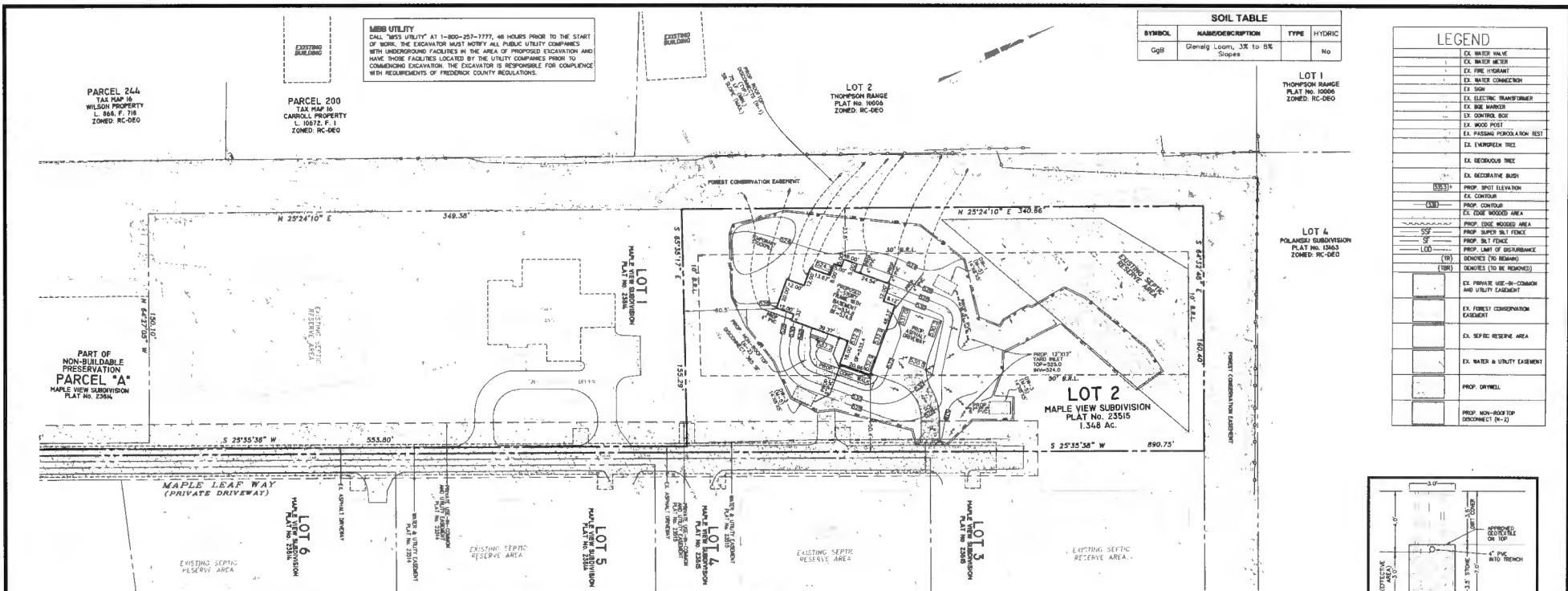
Upon submission I will provide you with the building permit and simplified plans as well.

For now, if everything is in order, we hope to be able to submit the F-Plan mylar redline next week and the building permit the week after.

Regards,

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

Direct 410.977.0864
gphillips@MRED.US



TRENCH INFO INITIAL SYSTEM

TRENCH	TRENCH EX. TOP	TOP OF TRENCH	BY. INTO TRENCH	BOTTOM OF TRENCH
1	78.57	824.36	833.3	820.3
2	78.57	823.78	822.7	819.7

SEPTIC SYSTEM CALCULATIONS INITIAL 4-BR REPLACEMENT SYSTEMS

ABS. RATE = 0.8 E.T. SEPTIC = 4-7 (L)

DRAINFIELD AREA: 5 BEDROOMS AT 750 gal / 0.8 ABSORPTION RATE = 830 SQ. FT.

SOILWATER REDUCTION CREDIT: $\frac{830(0.42)}{0.75} = 342$ - 5 = 0.50

LENGTH OF TRENCHES: $\frac{0.8(50)(1.0)(0.50)}{3} = 196.3$ LINEAR FEET

INITIAL SYSTEM: TWO TRENCHES OF 78.5 FEET IN LENGTH, 3 FEET WIDE, 10 FEET SPACED ARE PROVIDED.

SEPTIC SYSTEM CALCULATIONS 2ND REPLACEMENT SYSTEM

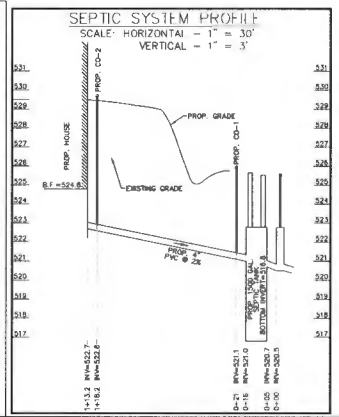
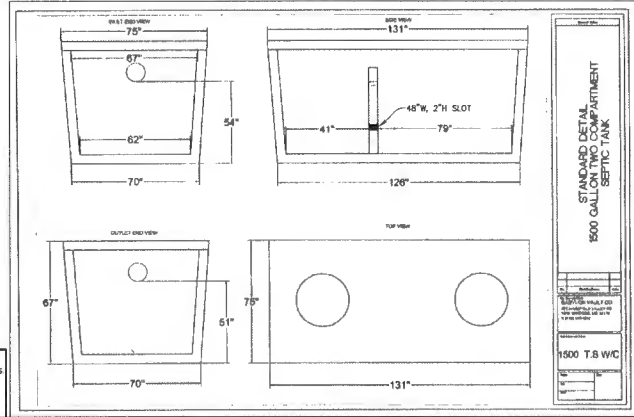
ABS. RATE = 0.8 E.T. SEPTIC = 4.5-6 (L)

DRAINFIELD AREA: 5 BEDROOMS AT 750 gal / 0.8 ABSORPTION RATE = 830 SQ. FT.

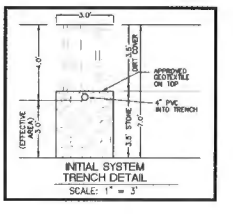
SOILWATER REDUCTION CREDIT: $\frac{830(0.42)}{0.75} = 342$ - 7 = 0.743

LENGTH OF TRENCHES: $\frac{0.8(50)(1.0)(0.743)}{3} = 223.3$ LINEAR FEET

SECOND REPLACEMENT SYSTEM: THREE TRENCHES OF 75 FEET IN LENGTH, 3 FEET WIDE, 10 FEET SPACED ARE PROVIDED.



- NOTES:**
- 1- 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.
 - 2- THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
 - 3- ALL EXISTING 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 ON THIS PLAN.
 - 4- THE TOPOGRAPHY SHOWN ON THIS PLAN IS BASED ON AN ACTUAL FIELD RUN SURVEY BY NJR & ASSOCIATES PERFORMED ON DECEMBER 8, 2019.
 - 5- THIS SURVEY IS TIED TO MARYLAND STATE PLANE AND 83/81 COORDINATE SYSTEM.
 - 6- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OVERSEERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARILAND DEPARTMENT OF ENVIRONMENT.
 - 7- THE LOT SHOWN HEREON IS SERVED BY PUBLIC WATER.



APPROVED: HOWARD COUNTY HEALTH DEPARTMENT
THIS DEVELOPMENT PLAN IS APPROVED FOR PUBLIC WATER & PRIVATE SEWAGE SYSTEMS

COUNTY HEALTH OFFICER: _____ DATE: _____

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION: _____ DATE: _____

CHIEF, DIVISION OF LAND DEVELOPMENT: _____ DATE: _____

REVISIONS

No.	DATE	REVISIONS	DETAILS

PLAN PREPARED BY:

NJR & ASSOCIATES
Land Surveying and Planning

2700 STATE ROUTE 28
TOWY FREDERICKSBURG, MD 21754
TEL: (240) 508-3200

PROFESSIONAL CERTIFICATE

I HEREBY CERTIFY THAT THESE DOCUMENTS HAVE BEEN PREPARED OR SUPERVISED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 1044 WITH EXPIRATION DATE OF FEBRUARY 28, 2020.

MAY 4, 2020
DATE

DEVELOPER'S CERTIFICATE

I HEREBY 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 ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE FEMD TO CONDUCT ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

MAY 6, 2020
DATE

DEVELOPER

CARLOS HOUES
2120 BALDWIN AVENUE, SUITE-200
CROFTON, MD 21114
(301) 281-0277

OWNER

80 SUN & TURBO LANE
4657 BRIDGEMORE WAY
ELKSCOTT CITY, MD 21043
(301) 258-6200

ONSITE SEWAGE DISPOSAL SYSTEM DESIGN PLAN

MAPLE VIEW LOT 2

PLAT No. 23512-23515
TAX MAP 18, GRID 18, PARCEL 88

ZONED: RC-DED

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1" = 30' JOB NO.: 3571 DATE: MAY 6, 2020 SHEET: 4 OF 4

SDP-20-067

From: gphillips@mred.us <gphillips@mred.us>
Sent: Friday, April 10, 2020 4:26:33 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: Najib Roshan <roshannj@aol.com>; Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: Re: Maple View 2.0

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

See attached.

You already reviewed it and said that you would be in today to review / pick up the attached revised version.

Thanks and be safe!

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

Direct 410.977.0864
gphillips@MRED.US

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On Apr 10, 2020, at 3:25 PM, Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Hi Greg:

What is the name and address of this property? I can check on Monday when someone is in the office.

Thanks,

Hank

From: gphillips@mred.us <gphillips@mred.us>
Sent: Friday, April 10, 2020 2:34 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: Najib Roshan <roshannj@aol.com>
Subject: Maple View 2.0

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

Just checking in to see if you received the mailed in revision?

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

Direct 410.977.0864
gphillips@MRED.US

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PREPARED BY:



NJR & ASSOCIATES, LLC. LAND SURVEYING AND PLANNING

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

ADDRESS:
2921 MAPLE LEAF WAY
ELLICOTT CITY, MD 21043

Foundation Design match OSDS Design Plan
BP Revised w/ Health Review
Result match

LOT 2
THOMPSON RANGE
PLAT No. 10006
ZONED RC-DEO

PART OF
NON-BUILDABLE
PRESERVATION

PARCEL "A"
MAPLE VIEW SUBDIVISION
PLAT No. 23514

EXISTING SEPTIC
RESERVE AREA

LOT 2
MAPLE VIEW SUBDIVISION
PLAT No. 23512 TO 23515
1.348 AC.

LOT 3
MAPLE VIEW SUBDIVISION
PLAT No. 23514

LOT 1
MAPLE VIEW SUBDIVISION
PLAT No. 23514

LOT 4
MAPLE VIEW SUBDIVISION
PLAT No. 23514

LOT 6
MAPLE VIEW SUBDIVISION
PLAT No. 23514

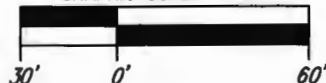
WATER & UTILITY EASEMENT
PLAT No. 23515

PRIVATE USE-IN-COMMON
AND UTILITY EASEMENT
PLAT No. 23515

NOTES:

1. THE LEVEL OF ACCURACY SETBACK DISTANCES IS ONE TENTH OF A FOOT, MORE OR LESS.
2. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT

GRAPHIC SCALE 1"=60'



I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS PLAT IS CORRECT.



SEPTEMBER 21, 2021

M.N. ROSHAN, L.S.
MD REG. No. 11049

DATE

WALL CHECK MAPLE VIEW SUBDIVISION

LOT 2

PLAT No. 23514

LIBER 19167 FOLIO 418

TAX MAP 16, GRID 15, PARCEL 88

5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

SCALE: 1" = 60' DATE: SEPTEMBER 17, 2021

FILE No.
3571

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, April 02, 2020 8:13 AM
To: roshannj@aol.com
Cc: gphillips@mred.us
Subject: RE: OSDS Plan_Maple View Lot 2_2921 Maple View Way

Yes, that's fine. 2 inches of gravel above the pipe in the trench is typical.

Thanks.

Hank

From: roshannj@aol.com <roshannj@aol.com>
Sent: Wednesday, April 01, 2020 2:12 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: gphillips@mred.us
Subject: Re: OSDS Plan_Maple View Lot 2_2921 Maple View Way

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

Good afternoon,

Is the trench invert the pipe invert? If yes, we will have 3'-10" dirt layer on top of gravel, is that okay?

Thank you
Najib Roshan, LS
NJR & Associates, LLC
2770 Route 32
West Friendship, MD 21794
PH (240) 508-3200
roshannj@aol.com

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

From: Oswald, Hank <hoswald@howardcountymd.gov>
To: roshannj@aol.com <roshannj@aol.com>
Sent: Tue, Mar 31, 2020 11:29 am
Subject: OSDS Plan_Maple View Lot 2_2921 Maple View Way

Hi Najib:

I hope all is well with you. I just have a couple of comments regarding the OSDS Plan for Maple View, Lot 2.

1.) Change signature block to read public water or delete altogether and add note to plan that property is served by public water. Please note that we use a Health Department approval stamp on OSDS Plans, so a signature block isn't necessary.

2.) Adjust yard inlet to meet the 25 foot setback distance to the septic tank.

3.) Reduce gravel above trench invert to 2 inches per Howard County County Code 3.813 in Trench Detail on page 2.

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

Thanks,

Hank