



Howard County  
Health Department

**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)

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

RECEIPT DATE: 6-3-21

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 509534

APPROVAL DATE: 06/21/2021

**PERMIT: CONSTRUCTION**

A

PROPERTY ADDRESS: 8021 Kayladine Lane

SUBDIVISION: Dustin's Golden Fields

LOT: 8

TAX ID: 85-596597

CONTRACTOR: J + A Construction

EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: 4991 Bennett Branch Road, Mount Airy, MD 21778

PHONE: \_\_\_\_\_

PROPERTY OWNER: Brian & Abigail Marchica

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 11381 Bishops Gate Lane

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>260</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>7</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: Mark Oswald

ISSUE DATE: 6-3-21

EXPIRATION DATE: 6-3-22

**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 —

**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.**

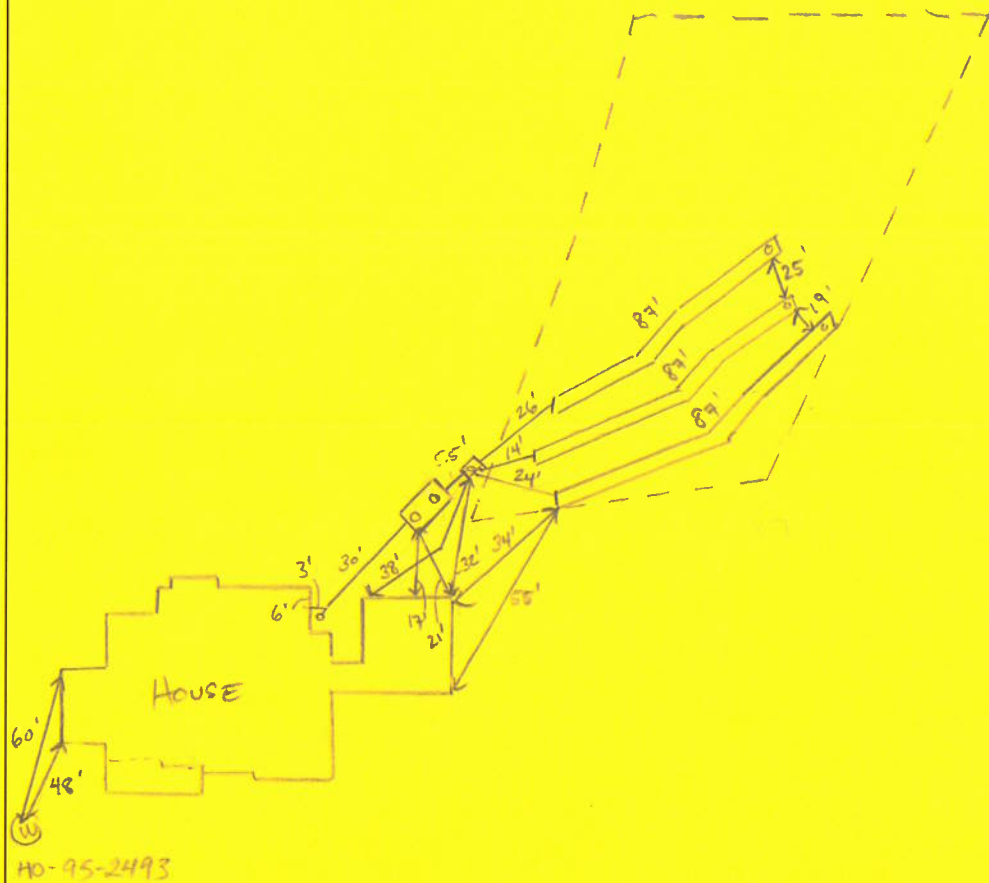
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

**CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**



8021 Kayladine Ln

NOT TO SCALE 1"=50'



ROAD NAME

Kayladine Lane

## TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 4' 8'

NUMBER OF TRENCHES 3

TOTAL LENGTH 261 F

ABSORPTION AREA 783 SF + 1' SIDE WALL

DISTRIBUTION BOX LEVEL SPEED

DISTRIBUTION BOX BAFFLE YES

DISTRIBUTION BOX PORT YES

## SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL YES

MANUFACTURER BABYLON

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH .5'

BAFFLES YES

BAFFLE FILTER -

MANHOLE LOC FRONT/BACK

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED YES

DATE ON LID 05/03/2021

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 -

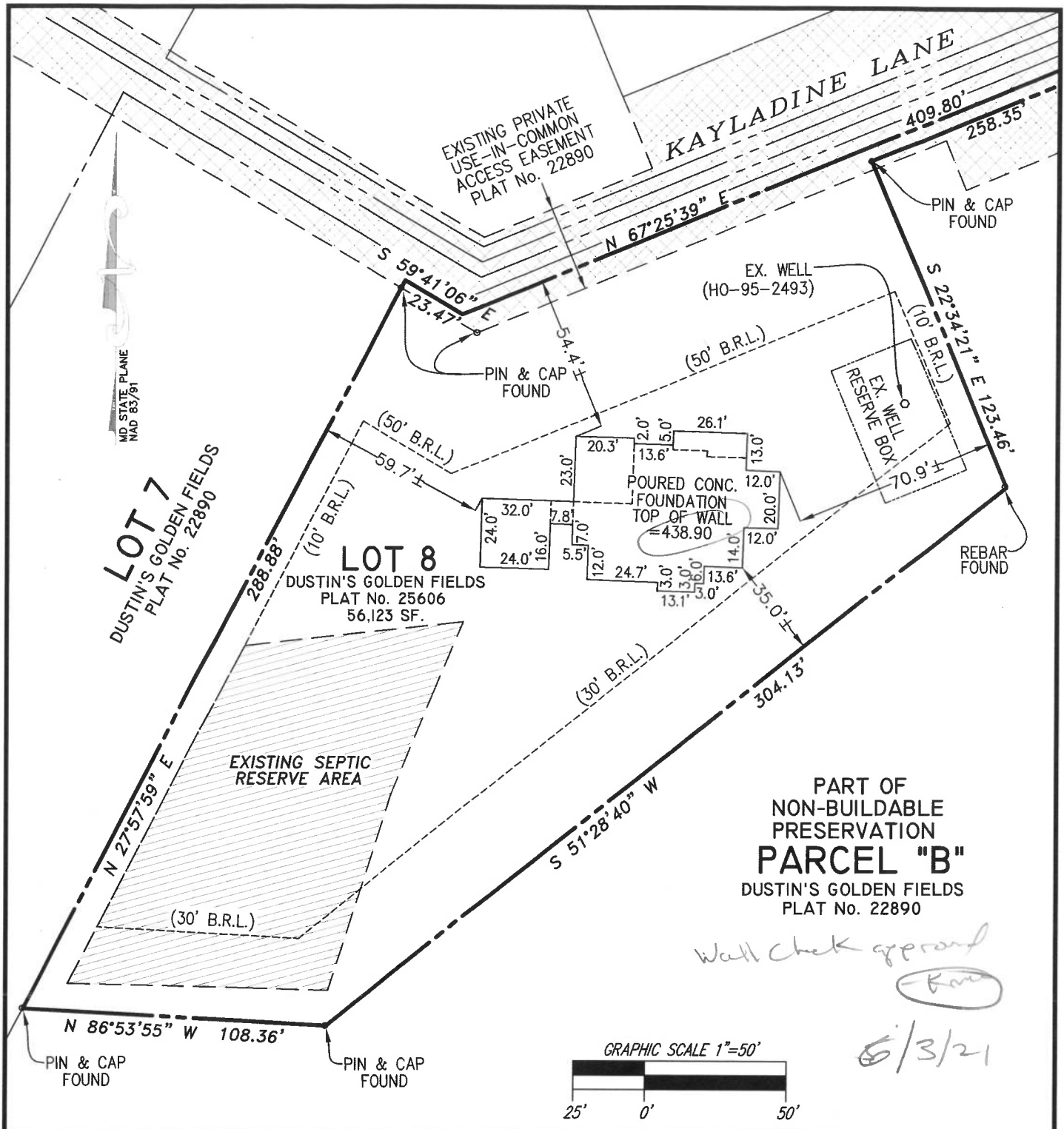
## PRE-CONSTRUCTION:

6/16/21 3 x 87' trenches staked out on contour. Large dirt pile needs to be removed from SDA before construction. Constructor will begin at end of trenches and keep bottoms level to compensate. May be difficult to hit inlet for first trench. (ST)

INSTALLATION: 06/17/2021 SHC AND TANK INSTALLED; UPPER TRENCH INSTALLED. CORNER OF TANK IS 17' TO FOUNDATION OF GAR. PER APPROVED PLAN. (ST) 06/21/2021 TRENCHES COMPLETE D Box LEVELED w/ SPEED LEVELS. (ST)

FINAL INSPECTOR

DATE OF APPROVAL 06/21/2021



I HEREBY CERTIFY THAT IMPROVEMENTS  
ARE LOCATED AS SHOWN HEREON.



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

FEBRUARY 13, 2021  
DATE

PREPARED BY:



WALL CHECK SURVEY  
DUNSTIN'S GOLDEN FIELDS  
LOT 8

PLAT No. 25606  
TAX MAP 46, GRID 1, PARCEL 103  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: FEBRUARY 13, 2021

FILE No.  
3575

NJR & ASSOCIATES, LLC.  
LAND SURVEYING AND PLANNING

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

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, September 18, 2020 5:17 PM  
**To:** Williams, Jeffrey; Wolf, Kevin  
**Subject:** Fwd: OSDS Plan\_8021 Kaykadine Lane\_Dustin's Golden Fields Lot 8

FYI - Hank

Sent from my Verizon, Samsung Galaxy smartphone  
Get [Outlook for Android](#)

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**From:** roshannj@aol.com <roshannj@aol.com>  
**Sent:** Friday, September 18, 2020 5:02:18 PM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Cc:** mlanigan@carusohomes.com <mlanigan@carusohomes.com>; kknodel@carusohomes.com <kknodel@carusohomes.com>; gphillips@mred.us <gphillips@mred.us>  
**Subject:** Re: OSDS Plan\_8021 Kaykadine Lane\_Dustin's Golden Fields Lot 8

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

Good afternoon,

We will be providing the construction control survey for this project and the limits of the Septic Reserve Area will be staked at the start of the project and also checked or re-staked at the time of the septic structure stakeout prior to the installation of the septic system. I will also remind the site contractor of the need for the Health Officer's oversight of the removal of the dirt pile.

Ms. Lanigan and Mr. Knodel and Mr. Phillips of Caruso Homes are copied on this email.

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

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

**From:** Oswald, Hank <hoswald@howardcountymd.gov>  
**To:** Najib Roshan <roshannj@aol.com>  
**Sent:** Fri, Sep 18, 2020 3:22 pm  
**Subject:** OSDS Plan\_8021 Kaykadine Lane\_Dustin's Golden Fields Lot 8

Hi Mr. Roshan:

Can you alert the builder of Dustin's Golden Fields, Lot 8 (8021 Kayladine Lane) to contact the Health Department prior to removing the existing dirt pile on the northern limit of the sewage disposal area. We want one of our inspectors present during the removal of the dirt pile. We also want the sewage disposal area field located and properly staked prior to this date.

**Oswald, Hank**

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**From:** Monica Lanigan <[mlanigan@carusohomes.com](mailto:mlanigan@carusohomes.com)>  
**Sent:** Friday, November 6, 2020 2:31 PM  
**To:** Oswald, Hank  
**Subject:** RE: OSDS Plan\_8021 Kayladine Lane

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

You betcha!

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**From:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Sent:** Friday, November 06, 2020 2:28 PM  
**To:** Monica Lanigan <[mlanigan@carusohomes.com](mailto:mlanigan@carusohomes.com)>  
**Subject:** Re: OSDS Plan\_8021 Kayladine Lane

For sure. Can make sure that it reads cased opening without doors on the revised floor plan. Thanks again.

Hank

---

**From:** Monica Lanigan <[mlanigan@carusohomes.com](mailto:mlanigan@carusohomes.com)>  
**Sent:** Friday, November 6, 2020 2:26 PM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** Re: OSDS Plan\_8021 Kayladine Lane

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

Cases opening w/o doors. Easy enough.

Monica's iPhone

On Nov 6, 2020, at 2:25 PM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

okay sounds good. what did they decide on?

---

**From:** Monica Lanigan <[mlanigan@carusohomes.com](mailto:mlanigan@carusohomes.com)>  
**Sent:** Friday, November 6, 2020 2:24 PM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Cc:** [roshannj@aol.com](mailto:roshannj@aol.com) <[roshannj@aol.com](mailto:roshannj@aol.com)>; Monica Lanigan <[mlanigan@carusohomes.com](mailto:mlanigan@carusohomes.com)>  
**Subject:** RE: OSDS Plan\_8021 Kayladine Lane

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

Hi Hank,



Nice talking to you last night, thanks for your time! I am having the house plans revised and will resubmit once they have been completed. Talk soon.

Monica Lanigan

**From:** Oswald, Hank <hoswald@howardcountymd.gov>

**Sent:** Thursday, November 05, 2020 2:54 PM

**To:** Monica Lanigan <mlanigan@carusohomes.com>

**Cc:** roshannj@aol.com

**Subject:** OSDS Plan\_8021 Kayladine Lane

Hi Ms. Lanigan:

I've reviewed the building permit and floor plans for 8021 Kayladine Lane. The floor plan shows 6 bedrooms (BR). There are 5 BRs on the 2nd floor, and the room labeled "library" on the first floor is considered a bedroom under local code definition. The Onsite Sewage Disposal Site Plan (OSDS) was designed for only 5 bedrooms. Please revise either the OSDS Plan or the floor plan to match.

I've attached a copy of the code about bedrooms in case you want to revise the floor plan. There are ways in which the library can easily be converted into a non bedroom without too much effort such as casing the opening minimum 4 foot wide without doors. Please let me know if you have any questions.

Thanks,

Hank

Hank Oswald

Howard County Health Department

Well and Septic Program

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## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Thursday, August 27, 2020 11:10 AM  
**To:** 'roshannj@aol.com'  
**Subject:** RE: OSDS Plan Review Comments\_Dustins Golden Fields\_Lot 8

Hi Mr. Roshann:

I co-reviewed the latest revision to the OSDS Plan for Dustin's Golden Fields, Lot 8 with my supervisor. We would like to see the ends of the trenches spaced at least a couple feet apart. You are showing a couple of them where they appear to be only inches apart. Also, we wanted to know if the top of the SDA was fill-dirt, because of how the contour is shown. The initial system trenches are not on contour and this must be corrected.

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

Thanks,

Hank

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**From:** Oswald, Hank  
**Sent:** Thursday, August 13, 2020 9:37 AM  
**To:** 'roshannj@aol.com' <roshannj@aol.com>  
**Subject:** OSDS Plan Review Comments\_Dustins Golden Fields\_Lot 8

Hi Mr. Rashan:

The following comments pertain to the review of the OSDS plan for 8021 Kayladine Lane:

- 1.) Match well box position to the approved perc cert plan.
- 2.) Minimum trench spacing is 10 feet (edge to edge) for all trenches utilizing sidewall credit.
- 3.) Add invert elevation out of d-box.

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

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
(410) 313 - 1786  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

# LETTER OF TRANSMITTAL

**NJR & Associates, LLC.**

LAND SURVEYING & PLANNING

2770 State Route 32

West Friendship, Maryland 21794

Tel. (240)508-3200

Email: roshannj@aol.com

Date: August 15, 2020

TO: Mr. Hank Oswald  
The Health Department  
Howard County, Maryland

RE: Lot-8, Plat No. 22890  
Dustin's Golden Fields  
8021 Kayladine Lane  
Tax Map-46, Parcel 103

No.	Description	Copies
<u>1</u>	<u>Revised OSDS plan</u>	<u>3</u>



## **Oswald, Hank**

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**From:** Oswald, Hank  
**Sent:** Thursday, August 13, 2020 9:37 AM  
**To:** 'roshannj@aol.com'  
**Subject:** OSDS Plan Review Comments\_Dustins Golden Fields\_Lot 8

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- 3.) Add invert elevation out of d-box.

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

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
(410) 313 - 1786  
hoswald@howardcountymd.gov

**Maryland Real Estate Development**



# Transmittal

DATE: Thursday, July 30, 2020

TO:

Gregory Phillips  
Maryland Real Estate Development LLC  
7846 River Rock Way  
Columbia, MD 21044

[gphillips@mred.us](mailto:gphillips@mred.us)

Direct 410-977-0864

Robert Bricker, REHS/RS, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.2691 (Office)  
[rbricker@howardcountymd.gov](mailto:rbricker@howardcountymd.gov)

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**Regarding:**

**Septic Discharge / New Single Family  
Residence**

**You may recall speaking with the  
homeowner on this one a few months  
back.**

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