

*Approved  
LINE 12/8/25*

Record Detail \* (This section is required.)

<b>Permit Type</b>	<b>Permit Number</b>	<b>Opened Date</b>
Building/Residential/Misc/Solar Panel	B25004632	10/17/2025

**Description of Work**  
SFD / INSTALL (25) GROUND MOUNTED SOLAR PANELS\*\*SUBJECT TO FIELD INSPECTION\*\*

[check spelling](#)

Address \* (This section is required.)

Search Reset Clear Get Parcel & Owner

<b>Street #</b>	<b>Street Name</b>	<b>Street Type</b>
3872	FOLLY QUARTER	RD
<b>Unit Type</b>	<b>Unit #</b>	<b>X Coordinate</b>
--Select--		-76.92188
		<b>Y Coordinate</b>
		39.26487
<b>City</b>	<b>State</b>	<b>Zip Code</b>
ELLCOTT CITY	MD	21042
	<b>Primary</b>	
	Yes	

Parcel \* (This section is required.)

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
892632	125	2	311200	652600	341400	RURAL

**Legal Description**  
IMPS1 LOT NO 7 BL B[ ]3872 FOLLY QUARTER RD[ ]TIMBERLEIGH

[check spelling](#)

<b>Block</b>	<b>Lot</b>	<b>Census Tract</b>	<b>Council Dist</b>	<b>Inspection Dist</b>	<b>Supervisor Dist</b>	<b>Map #</b>	<b>DAP Zone</b>
B	7	603000	5				
<b>Plan Area</b>	<b>State Tax Id</b>	<b>Subdivision Name</b>					
	1403286622	TIMBERLEIGH					
<b>Section</b>	<b>Area</b>	<b>Tax Map</b>					
		23					
<b>Grid</b>	<b>Zoning District</b>	<b>ADC Map</b>					
23-14	RC-DEO	4814-C8					
<b>SDP No.</b>	<b>Final Plan No.</b>	<b>WP File No.</b>					
<b>Record Plat No.</b>	<b>WS Contract No.</b>	<b>FDP No.</b>		<b>Primary</b>			
4 40				Yes			
<b>Owner Occupied</b>	<b>Year Built</b>	<b>Historic District</b>					
<input type="radio"/> Yes <input type="radio"/> No	1957	<input type="radio"/> Yes <input checked="" type="radio"/> No					
<b>Historic District Registry No.</b>	<b>Stat Area</b>	<b>Flood Plain</b>					
	3-06A	<input type="radio"/> Yes <input checked="" type="radio"/> No					
<b>Building No</b>							

Owner \* (This section is required.)

Search Reset Clear

**Name \***  
BENDL

**Address Line 1**  
3872 FOLLY QUARTER RD

**Address Line 2**

**Address Line 3**

**Mail City**

ELLCOTT CITY  
Mail State MD  
Mail Zip Code 21042  
Phone 630-915-7264  
Primary Yes

Cell Number Fax Number

Professionals \* (This section is required.)

License # \* 08050127353 Business Name SOLAR ENERGY WORLD LLC  
License Type \* MHIC Co First Name GEOFFREY Middle Name Last Name MIRKIN  
Primary Yes Address Line 1 14880 SWEITZER LANE  
Address Line 2  
City LAUREL State MD ZIP Code 20707-0000  
Phone 1 4105792009 Phone 2 Fax 4105791601  
E-mail GMIRKIN@SOLARENERGYWORLD.COM

Applicant \* (This section is required.)

Search As Owner As Lic. Prof As Contact

Type \* Applicant First Name Kristin MI Last Name Manzo  
Relationship Applicant Full Name ZACH NEUBAUER  
Primary Yes Organization Name SOLAR ENERGY WORLD  
Street Address 5681 MAIN STREET  
Address Line 2  
City ELKRIDGE State MD Zip Code 21075  
Phone 410-579-5167 Cell Fax  
E-mail \* permitting@SOLARENERGYWORLD.COM

Addtl Info

Est Construction Cost \* 23000 Housing Units \* 0 Number of Buildings \* 0 Public Owned No  
Construction Type 649 - All Other Buildings and Structures

RESIDENTIAL SOLAR PANEL INFO

SOLAR PANEL INFORMATION

Capital Project-No Fee  Yes  No Type of Installation \* Solar Collector - Ground Mount Number of Panels \* 25 Water Supply \* Private Sewage Disposal \* Private Expiration Date 4/29/2026  
Existing Use \* SFD Sprinkler System \*  Yes  No

PAYMENT INFORMATION



PROPOSED PV  
ARRAY LOCATION


PROPOSED PV ARRAY LOCATION

Scale: NTS

KEY



AREA TO BE CLEARED  
PRIOR TO INSTALL



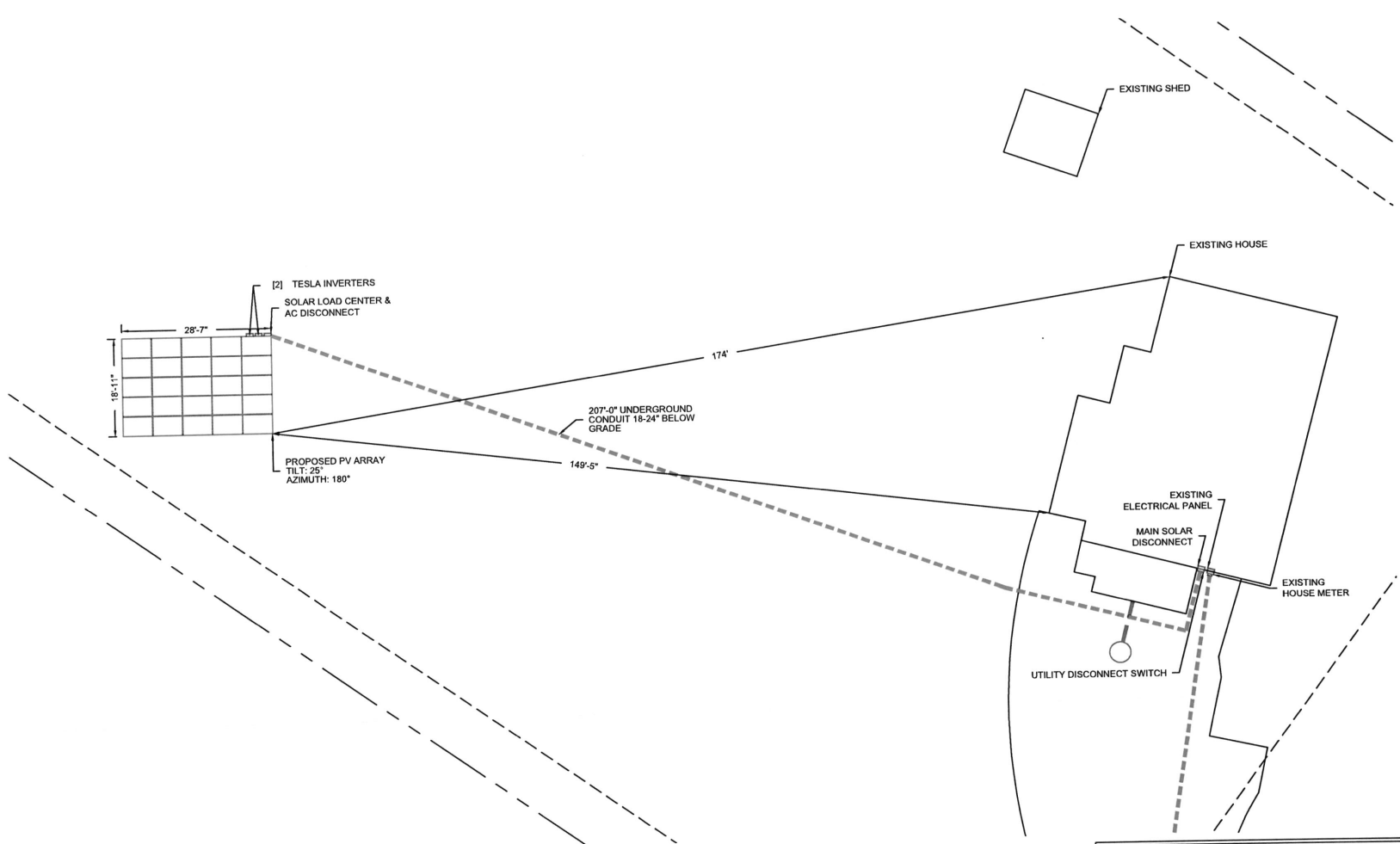
**SolarEnergyWorld**  
Because Tomorrow Matters

Solar Energy World LLC.  
14880 Swelzar Lane  
Laurel, MD 20707  
(888) 497-3233

This drawing is the property of Solar Energy World Inc. The information herein contained shall be used for the sole benefit of Solar Energy World. It shall not be disclosed to others outside the recipient's organization, in whole or in part, without the written permission of Solar Energy World, except in connection with the sale and use of the respective Solar Energy equipment.

Building Code	
International Residential Code (IRC) 2021	
Electrical Code	
National Electrical Code (NEC) 2020	
Wind Speed	Roof Load
115 MPH	40 PSF
Module	
(25) LONGi LR5-54HPB-405M	
Inverters	
(1) Tesla 1538000-xx-y (5 kW)	
(1) Tesla 1538000-xx-y (3.8kW)	
DC System Size	AC System Size
10.125 kW	8.800 kW
Contractor Information	
Sam Bender 3872 Folly Quarter Rd Ellicott City, MD 21042	
Permit/Label	
None	
City	State
Howard	BGE
Sheet Name	
Proposed PV Array Location	
Project	Date
AT	September 15, 2025
Drawn	Scale
AS NOTED	MD25862
Sheet	
A-1	





**NOTES:**

1. THIS DRAWING IS TO PROVIDE REFERENCE FOR THE INSTALLATION OF GROUND MOUNT PHOTOVOLTAIC ARRAYS.
2. THE SYSTEM SHALL INCLUDE [25] LONGi LR5-54HPB-405M MODULES (DIMENSIONS: 67.8" (L) x 44.85" (W) x 1.18" (D) AND WEIGHING 49.6 LBS (PANEL DEAD LOAD = 2.36PSF))
3. THE SOLAR FOUNDATIONS RACKING WILL BE INSTALLED PER MANUFACTURER'S INSTALLATION MANUAL.
4. THE PROPOSED ARRAY SHALL COVER APPROX. 541.30SQ.FT. OF THE 1.97 AC. PROPERTY.
5. EQUIPMENT LOCATION PLAN IS APPROXIMATE. EXACT LOCATION TO BE VERIFIED WITH INSTALLATION CREW AND HOME OWNER AT THE TIME OF INSTALLATION.

**EQUIPMENT LOCATION PLAN**

Scale: 1" = 20'-0"

## LEGEND

	WILDLIFE & FOREST PRESERVATION		SOLAR CONDUIT
	WATER BODIES & FLOOD PLAINS		WATER
	WETLANDS		OVERHEAD ELECTRICAL
			UNDERGROUND ELECTRICAL
			SEWER
			GAS

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Building Code International Residential Code (IRC) 2021	
Electrical Code National Electrical Code (NEC) 2020	
Wind Speed 115 MPH	Wind Load 40 PSF
Modules (25) LONGi LR5-54HPB-405M	
Inverters (1) Tesla 1538000-xx-y (5 kW) (1) Tesla 1538000-xx-y (3.8kW)	
DC System Size 10.125 kW	AC System Size 8.800 kW

Customer Information  
**Sam Bender**  
3872 Folly Quarter Rd  
Ellicott City, MD 21042

Permitted under  
None

City  
Howard

County  
BGE

Drawn Name  
**Equipment Location Plan**

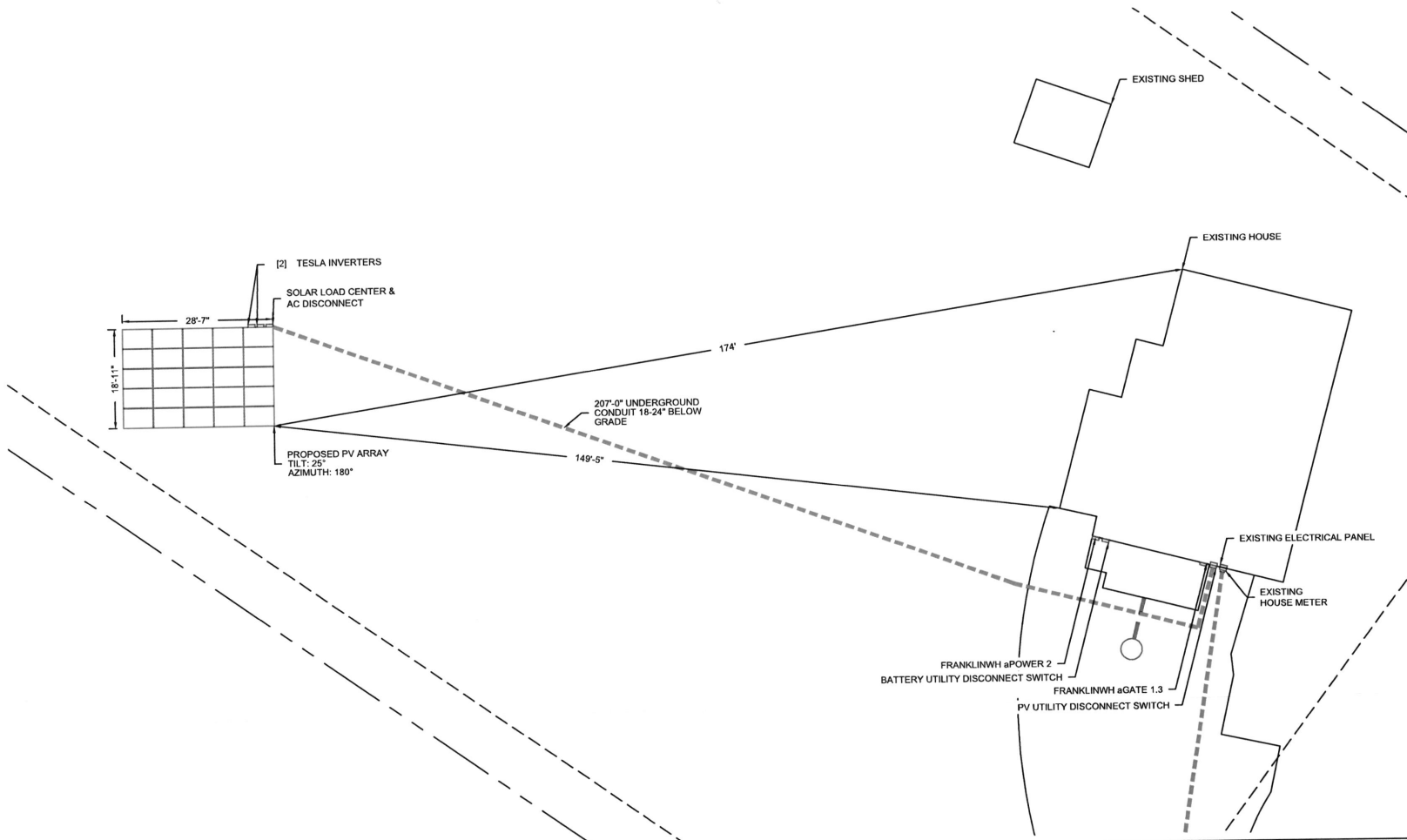
Drawn By  
AT

Date  
September 15, 2025

Scale  
AS NOTED

Job Number  
MD25862

Sheet  
E-1



**NOTES:**

1. THIS DRAWING IS TO PROVIDE REFERENCE FOR THE INSTALLATION OF GROUND MOUNT PHOTOVOLTAIC ARRAYS.
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**EQUIPMENT LOCATION PLAN**

Scale: 1" = 20'-0"

<h1>LEGEND</h1>	
WILDLIFE & FOREST PRESERVATION	SOLAR CONDUIT
WATER BODIES & FLOOD PLAINS	WATER
WETLANDS	OVERHEAD ELECTRICAL
	UNDERGROUND ELECTRICAL
	SEWER
	GAS

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<b>Listing Code</b> International Residential Code (IRC) 2021	
<b>Electrical Code</b> National Electrical Code (NEC) 2020	
<b>Wind Speed</b> 115 MPH	<b>Roof Load</b> 40 PSF

**Includes**  
(25) LONGI LR5-54HPB-405M

**Equipment**  
(1) Tesla 1538000-xx-y (5 kW)  
(1) Tesla 1538000-xx-y (3.8kW)

<b>DC System Size</b> 10.125 kW	<b>AC System Size</b> 8.800 kW
------------------------------------	-----------------------------------

**Customer Information**  
Sam Bender  
3872 Folly Quarter Rd  
Ellicott City, MD 21042

<b>Permit/License</b> None	
<b>Site</b> Howard	<b>City</b> BGE
<b>Owner Name</b> Equipment Location Plan	
<b>Drawn By</b> AT	<b>Date</b> September 19, 2025
<b>Drawn</b> AS NOTED	<b>Job Number</b> MD25862
	<b>Sheet</b> E-3

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

**APPLICATION FOR WAIVER**

To Howard Co Code Subtitle 8: Onsite Sewage Disposal Systems and Subtitle 9: Individual Potable Water Supply Systems

Date Submitted: 20 Nov 2025

Property Address: 3872 FOLLY QUARTER RD, ELLICOTT CITY, MD 21042

Subdivision: N/A      Lot: \_\_\_\_\_      Tax Map: \_\_\_\_\_      Grid: \_\_\_\_\_      Parcel: \_\_\_\_\_      Tax Account #: \_\_\_\_\_

Provide a brief site history including previously submitted and active plans with the Health Department or the County (subdivision plans, perc test applications, Building Permit applications):

B25004632 for groundmount solar panels

In the area below, list the specific section of the Howard Co Code to which a waiver is being requested and provide a brief summary of the regulation and an explanation of why the waiver is being requested (Attach a separate sheet if necessary).

- | Regulation Section | Summary and Explanation   |
|--------------------|---|
| 1.                 | I am <del>hoping</del> hoping to have ground mount solar panels installed on my 2AC property before the end of the year. My current septic is on the northern part of my property, and my well is in part of my driveway near the house. Given the size of the property, the lack of neighbors on my southern side, the lack of landscaping or additional structures, and the ability to move the solar panels as needed for future septic needs, I am requesting a waiver of the perc test at this time. Please don't hesitate to contact me with any questions or clarifications. |
| 2.                 |   |
- Thank you!

Property Owner's Signature: Sam Bender

**Health Department Use Only**

Reviewed by: Melanie Eschberg      HCHD Staff      Date: 11/21/25

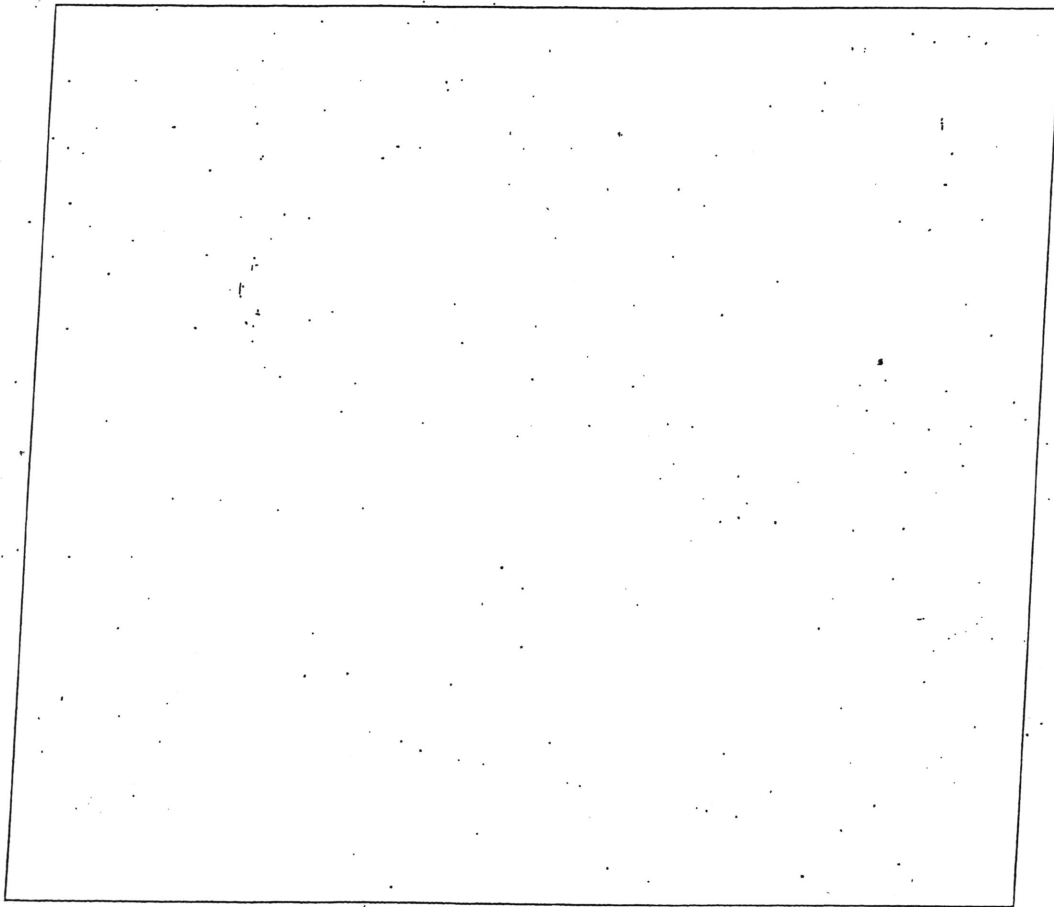
Comments/Conditions: \_\_\_\_\_

Approved by: [Signature]      BEH Deputy Director      Date: 12/8/25

SITE INSPECTION SHEET

OWNER: Sam Reader PHONE #: \_\_\_\_\_  
ADDRESS: 387 E Folly Quarter CONTRACTOR: \_\_\_\_\_  
Ellicott City WELL TAG #: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: Howard  
PROPOSAL: Select panels in rear of lot

LOCATION DIAGRAM



COMMENTS: Well + Septic okay. No signs of  
hydraulic failure. Well brought up to code  
with previous building permit in 2014.

DATE: 10/31/28 INSPECTOR: Melanie Eschenberg

## Eshenbaugh, Melanie

---

**From:** Eshenbaugh, Melanie  
**Sent:** Friday, October 31, 2025 5:14 PM  
**To:** permitting@SOLARENERGYWORLD.COM  
**Subject:** B25004632  
**Attachments:** County Waiver Form\_PC.pdf

Good afternoon,

After review of the building permit B25004632 proposal and plans, the size of the solar panel project (>250 square feet) triggers the percolation testing/certification (PC) plan requirement with the Health Dept. prior to building permit approval. First and foremost, the property does not have an SDA established for future septic repair which is common with older properties. Code requires establishment of an SDA per two replacement systems. This process starts with submitting a perc test application and test plan from a licensed engineer (see Well & Septic link down below for application guidance documents). Otherwise, due to the size of the property, the soil mapping unit types, and the proposed solar panel location as well as being non-permanent, a waiver request letter (see attached) can be submitted for review to our office if you wish to waive the perc test/PC requirement.

Please utilize the Health Department website for guidance as the content of this email will be reiterated and can go more in-depth: <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.howardcountymd.gov%2Fsites%2Fdefault%2Ffiles%2Fmedia%2F2016-01%2FHCHDBuildingPermitApplicationWellSeptic.pdf&data=05%7C01%7CMEshenbaugh%40howardcountymd.gov%7C119e2de4c3bd4df628ab08db159f5444%7C0538130803664bb7a95b95304bd11a58%7C1%7C0%7C638127546658030493%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwILCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=XhnVhGdODngC9ZhfhC%2Bk%2BkV3rSvwNPov9sUZyDUkvtA%3D&reserved=0>

<https://www.howardcountymd.gov/health/well-septic-program>

Melanie Eshenbaugh  
Bureau of Environmental Health  
Howard County Health Dept.  
8930 Stanford Blvd. Columbia, MD 21045  
[www.hchealth.org](http://www.hchealth.org)



#### CONFIDENTIALITY NOTICE

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PUB. SEWER STATUS VERIFIED BY NA

P 519686  
P 7-1

ISSUE DATE: 12/3/03

# PERMIT INDEXED

APPROVAL DATE: 1/13/04

A REPAIR

ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

03-286622

Jack Fyock Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS: PO Box 89, Glensig PHONE NUMBER: 410-985-9270

SUBDIVISION: Timberleigh LOT NUMBER: 7 - Block B

ADDRESS: 3872 Folly Quarter Road PROPERTY OWNER: Evelyn Hanna

SEPTIC TANK CAPACITY (GALLONS): 1000

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 70'

TRENCHES:	Trench to be <u>3</u> feet wide. Inlet <u>1.5</u> feet below original grade. Bottom maximum depth <u>6</u> feet below original grade. Effective area begins at <u>1.5</u> feet below original grade. <u>4.5</u> feet of stone below distribution pipe.
LOCATION:	<u>(2) 35' trenches 10' etc</u> <u>over porch (D)</u>
PURPOSE:	Septic system is failing. Call for inspection when the ground has been opened so sanitarian can recommend repair.

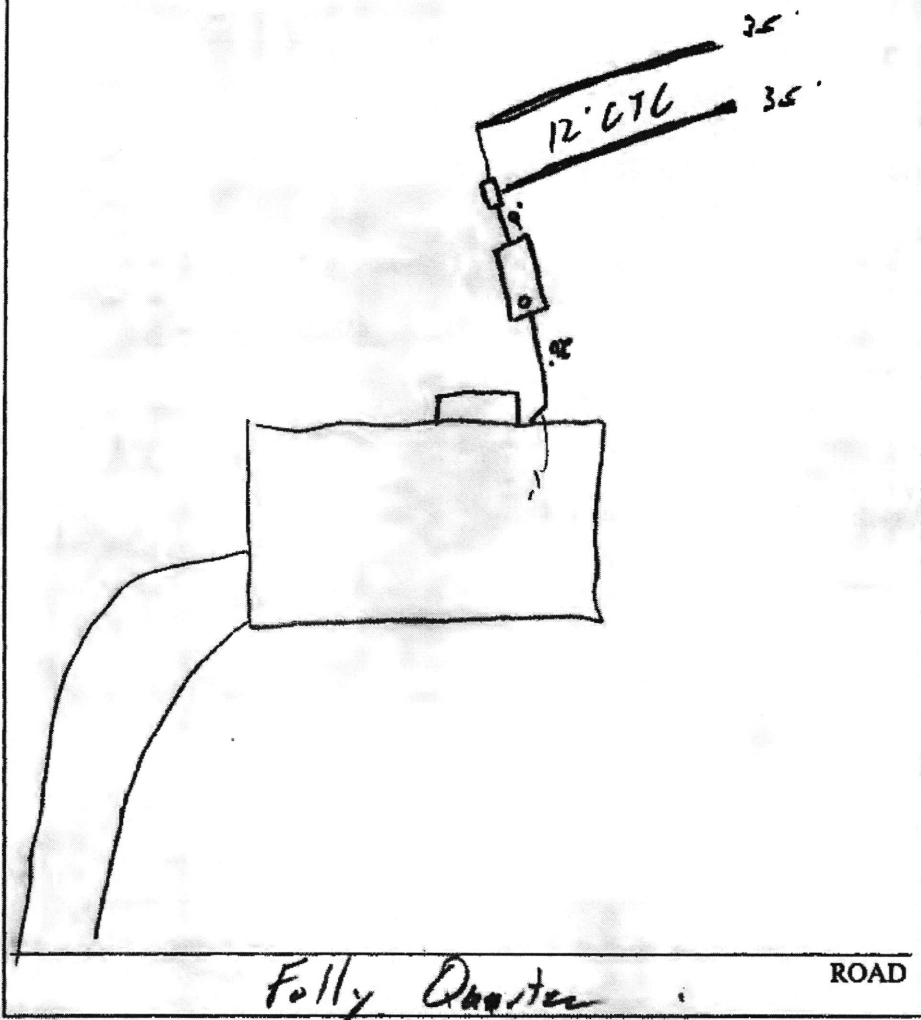
PLANS APPROVED: [Signature] DATE: 12/3/03

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**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 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

P519686

NOT TO SCALE



Folly Quarter

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	1.5	6"
NUMBER OF TRENCHES		2
TOTAL LENGTH		70'
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1000 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	Front
WATERTIGHT TEST	_____
SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION 1/13/04 - Installed per specs. OK to Cover

FINAL INSPECTOR [Signature]

DATE OF APPROVAL 1/13/04