



**Building Permit Application**  
Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
[www.howardcountymd.gov](http://www.howardcountymd.gov)

Date Received: \_\_\_\_\_

Permit No.: \_\_\_\_\_

Building Address: 870 River Road  
City: Sykesville State: MD Zip Code: 21784  
Suite/Apt. #: \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
Census Tract: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
Section: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: 8  
Tax Map: 0009 Parcel: 0230 Grid: 0020  
Zoning: \_\_\_\_\_ Map Coordinates: \_\_\_\_\_ Lot Size: \_\_\_\_\_

Existing Use: SFD  
Proposed Use: SFD with Solar  
Estimated Construction Cost: \$ 73,710.00  
Description of Work: Installing 18.9kW ground mounted Solar PV System consisting of 66 Panels. D.F.

Occupant/Tenant Name: \_\_\_\_\_  
Was tenant space previously occupied? ☐ Yes ☐ No  
Contact Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Commercial Building Characteristics	Residential Building Characteristics
Height: _____	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories: _____	Depth _____ Width _____
Gross area, sq. ft./floor: _____	1 <sup>st</sup> floor: _____
Area of construction (sq. ft.): _____	2 <sup>nd</sup> floor: _____
Use group: _____	Basement: _____
	<input type="checkbox"/> Finished Basement
	<input type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type: _____	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: _____
<input type="checkbox"/> Structural Steel	Multi-family Dwelling
<input type="checkbox"/> Masonry	No. of efficiency units: _____
<input type="checkbox"/> Wood Frame	No. of 1 BR units: _____
<input type="checkbox"/> State Certified Modular	No. of 2 BR units: _____
	No. of 3 BR units: _____
	Other Structure: _____
	Dimensions: _____
➤ Roadside Tree Project Permit	Footings: _____
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof: _____
Roadside Tree Project Permit # _____	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Property Owner's Name: Justin Orchard  
Address: 870 River Road  
City: Sykesville State: MD Zip Code: 21784  
Phone: 410.570.4029 Fax: \_\_\_\_\_  
Email: dorothymorchard@gmail.com

Applicant's Name & Mailing Address, (If other than stated herein)  
Applicant's Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Contractor Company: Standard Energy Solutions  
Contact Person: Steve Welsh  
Address: 9520 Gerwig Ln. Suite Q-T  
City: Columbia State: MD Zip Code: 21046  
License No.: 132331  
Phone: 410-844-3803 Fax: 443-218-8040  
Email: permitting@standardenergysolutions.com

Engineer/Architect Company: \_\_\_\_\_  
Responsible Design Prof.: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Utilities
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply
<input checked="" type="checkbox"/> Public
<input type="checkbox"/> Private
Sewage Disposal
<input checked="" type="checkbox"/> Public
<input type="checkbox"/> Private
Heating System
<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Other: _____
Sprinkler System:
<input type="checkbox"/> Yes <input type="checkbox"/> No
Grading Permit Number: _____
Building Shell Permit Number: _____

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: \_\_\_\_\_  
permutting@standardenergysolutions.com  
Email Address: \_\_\_\_\_  
Standard Energy Solutions  
Title/Company: \_\_\_\_\_

Robert Young  
Print Name: \_\_\_\_\_  
12/26/2018  
Date: \_\_\_\_\_

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	2/15/19	P. Bricker

Is Sediment Control approval required for issuance? ☐ Yes ☐ No  
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone: _____
SDP/Red-line approval date: _____

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

Distribution of Copies: White: Building Officials Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA

GENERAL NOTES:

1. ALL WORK IS TO BE PERFORMED IN A PROFESSIONAL MANNER AND SHALL BE IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATIONS.
2. THE GENERAL AND SUB-CONTRACTORS SHALL CAREFULLY EXAMINE THE DRAWINGS, INSPECT THE SITE, AND FAMILIARIZE THEMSELVES WITH ALL GOVERNING CODES, LAWS, AND ALL OTHER MATTERS WHICH MAY AFFECT PERFORMANCE OF THE WORK.
3. ALL EXISTING STRUCTURE SIZES AND LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION GATHERED FROM FIELD OBSERVATION.
4. ALL PV SYSTEM GROUNDING TO MEET REQUIREMENTS OF AND BE INSTALLED IN ACCORDANCE WITH NEC 690.47.
5. ALL MODULES ARE GROUNDED VIA GROUND MOUNT MID-CLAMPS AND END-CLAMPS TO THE RAILS. RAILS ARE TO BE BONDED WITH CONTINUOUS #6 BARE COPPER EQUIPMENT GROUNDING CONDUCTOR USING GROUND MOUNT GROUNDING LUGS PER MANUFACTURER'S SPECIFICATIONS.
6. ALL EQUIPMENT CLEARANCES AND INSTALLATION TO BE IN ACCORDANCE WITH NEC 110.26 UNLESS NOTED OTHERWISE BY MANUFACTURER.

LEGEND

- (M) EXISTING (E) UTILITY METER
- MEP (E) MAIN ELECTRIC PANEL
- INV INVERTER
- AC AC DISCONNECT
- DC DC DISCONNECT
- (PV) PV METER
- LC LOAD CENTER
- PROPERTY LINES

APPROVED

WALK-THRU BUILDING PERMIT

BP#

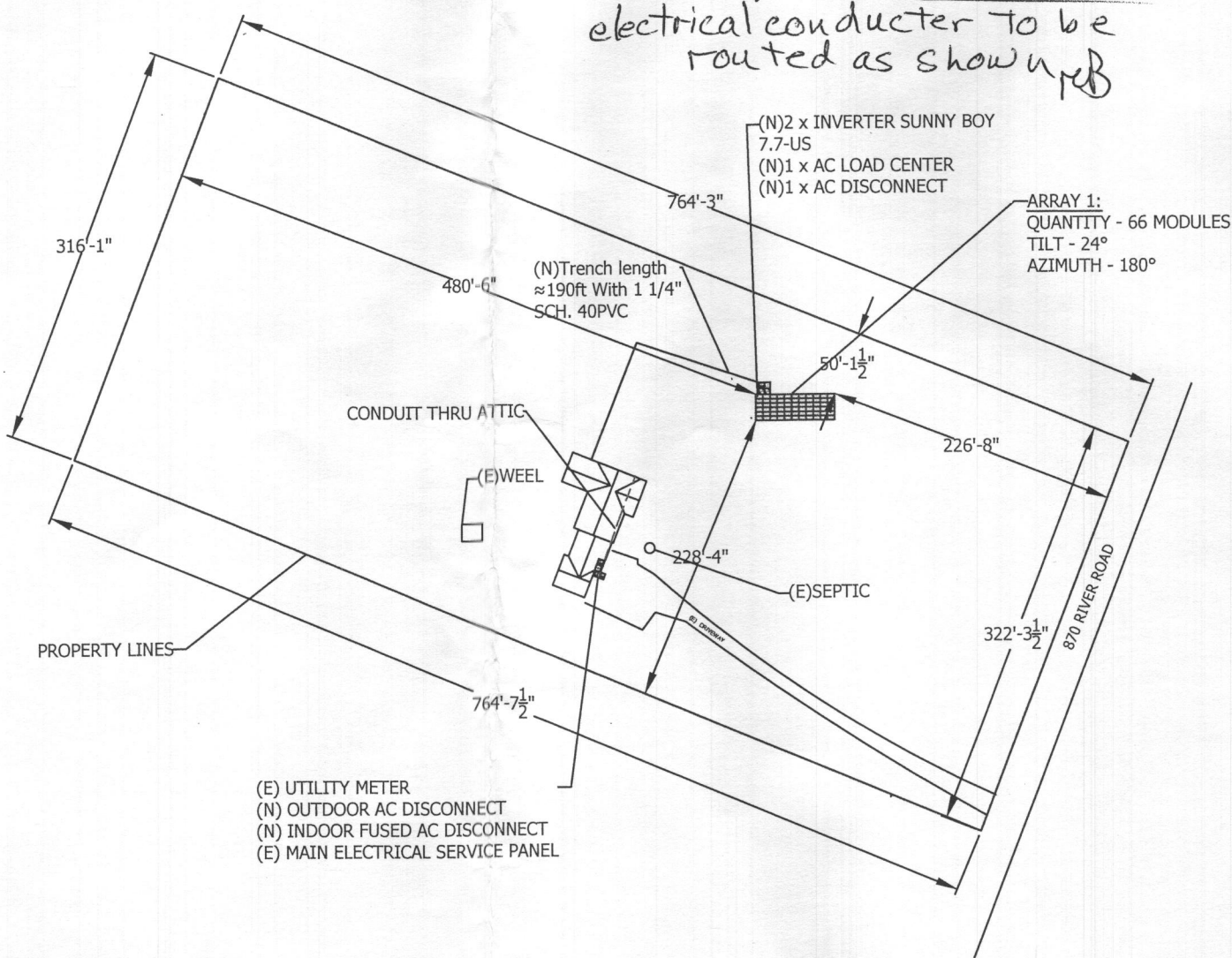
A#

APP. SAN

DATE: 2/15/2019

DESC. OF WORK:

Install 66 panel Solar PV system, as illustrated electrical conductor to be routed as shown



1 Site Plan  
Scale: 1/128"=1'-0"



STANDARD  
ENERGY  
SOLUTIONS

410-844-3800

9520 GERWIG LN,  
SUITE Q-T  
COLUMBIA, MD 21046

MHC#: 132331

DISCLAIMER

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PROJECT TITLE  
ORCHARD RESIDENCE

PROJECT ADDRESS  
870 RIVER RD  
SYKESVILLE, MD 21784

SHEET TITLE  
Plan View

REVISIONS

PROJECT NUMBER

18-R157

DATE

11/28/2018

DRAWN BY

DF

APPROVED BY

CWY

SCALE

AS SHOWN

SHEET

PV1