



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: _____

Building Address: 15505 Catbail Oaks
 City: Glenwood State: MD Zip Code: 21738
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: _____
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: SFP
 Proposed Use: SFD w/ Solar
 Estimated Construction Cost: \$ 59,000
 Description of Work: Install 69 ground mounted Solar panels, 19.665 kw

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

Property Owner's Name: John + Fiona Wilcox
 Address: 15505 Catbail Oaks
 City: Glenwood State: MD Zip Code: 21738
 Phone: 301 768 4702 Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: Zach Neubauer
 Address: 5681 Main St.
 City: Elkridge State: MD Zip Code: 21075
 Phone: 410 579 2082 Fax: _____
 Email: jstokes @ SolarEnergyWorld.com

Contractor Company: Solar Energy World
 Contact Person: Geoff Winkin
 Address: 5681 Main St.
 City: Elkridge State: MD Zip Code: 21075
 License No.: MHC # 127353
 Phone: 410 579 2082 Fax: _____
 Email: jstokes @ SolarEnergyWorld.com

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 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 st floor: _____ 2 nd floor: _____
Area of construction (sq. ft.):	Basement: _____ <input type="checkbox"/> Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl Space <input type="checkbox"/> Slab on Grade
Use group:	No. of Bedrooms: _____
Construction type:	Multi-family Dwelling
<input type="checkbox"/> Reinforced Concrete	No. of efficiency units: _____
<input type="checkbox"/> Structural Steel	No. of 1 BR units: _____
<input type="checkbox"/> Masonry	No. of 2 BR units: _____
<input type="checkbox"/> Wood Frame	No. of 3 BR units: _____
<input type="checkbox"/> State Certified Modular	Other Structure: _____
	Dimensions: _____
<input checked="" type="checkbox"/> 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

Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" 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 checked="" 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.

Zach Neubauer
 Applicant's Signature
jstokes @ SolarEnergyWorld.com
 Email Address
Solar Energy World
 Title/Company

Zach Neubauer
 Print Name
12/14/17
 Date

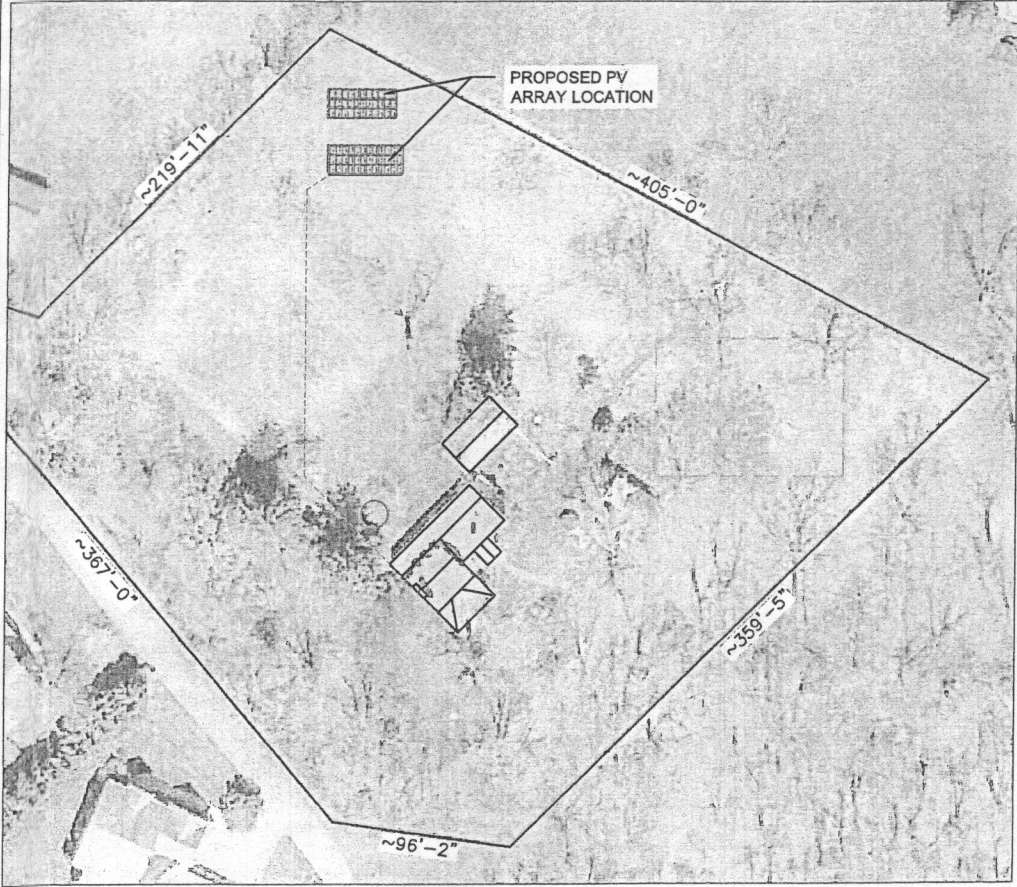
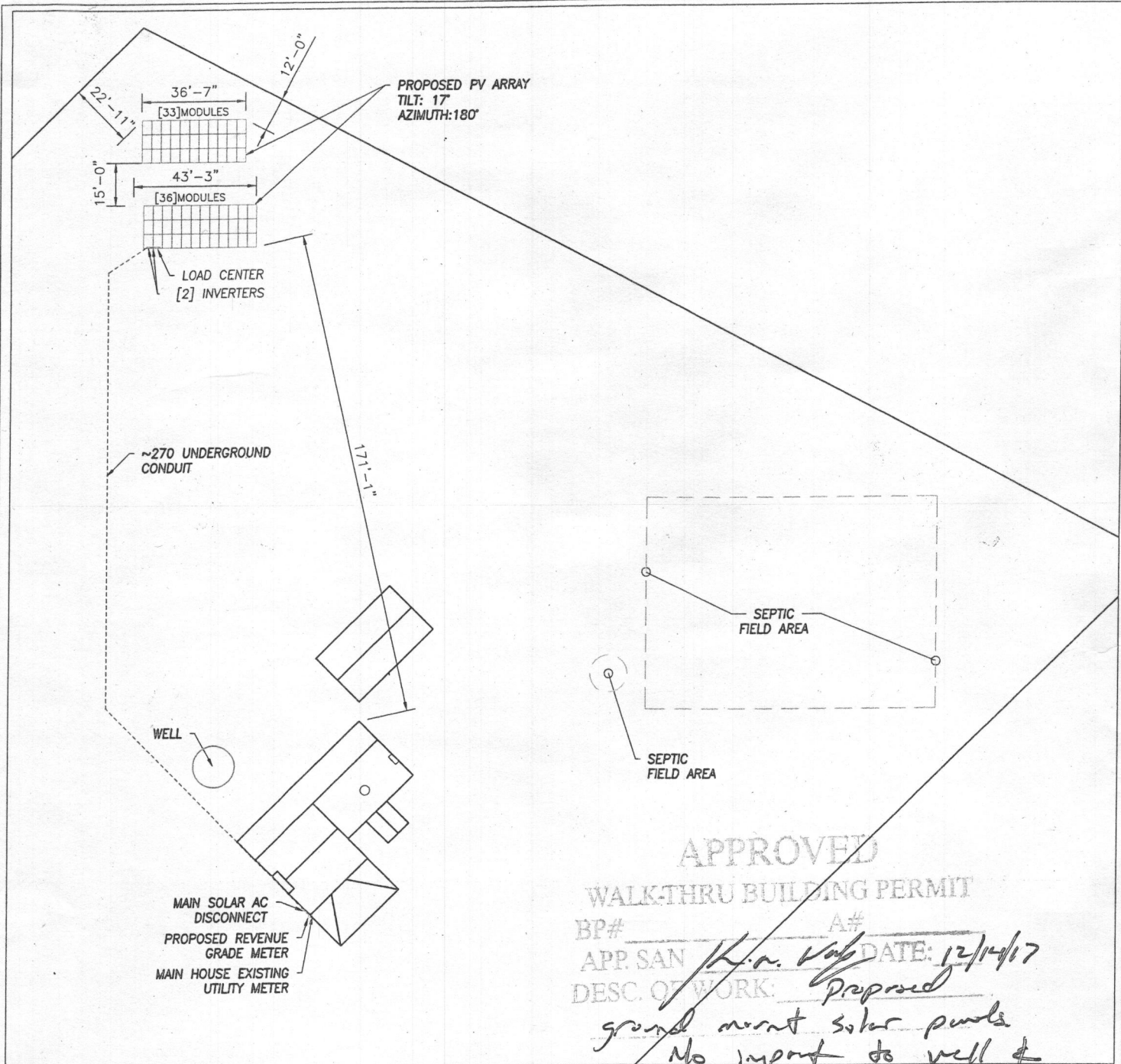
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		

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	#



APPROVED
WALK-THRU BUILDING PERMIT
 BP# _____ A# _____
 APP. SAN *K.A. Vulp* DATE: 12/14/17
 DESC. OF WORK: *Proposed*
ground mount solar panels
No impact to well &
SDA.

SITE PLAN
 Scale: 1" = 50'

SITE PLAN
 Scale: 1" = 100'



- NOTES:**
1. THIS DRAWING IS TO PROVIDE REFERENCE FOR THE INSTALLATION OF GROUND MOUNT PHOTOVOLTAIC ARRAYS.
 2. THE SYSTEM SHALL INCLUDE [33] + [36] = [69] LONGi Green Energy Technology Co Ltd LR6-60-285M MODULES
 3. PROPOSED ARRAYS SHALL COVER APROX. 1137 SQ. FEET OF PROPERTY.

General Notes



SolarEnergyWorld
Because Tomorrow Matters
 Solar Energy World LLC.
 5681 Main Street
 Elkridge, MD 21075
 (888) 497-3233

Disclaimer:
 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.

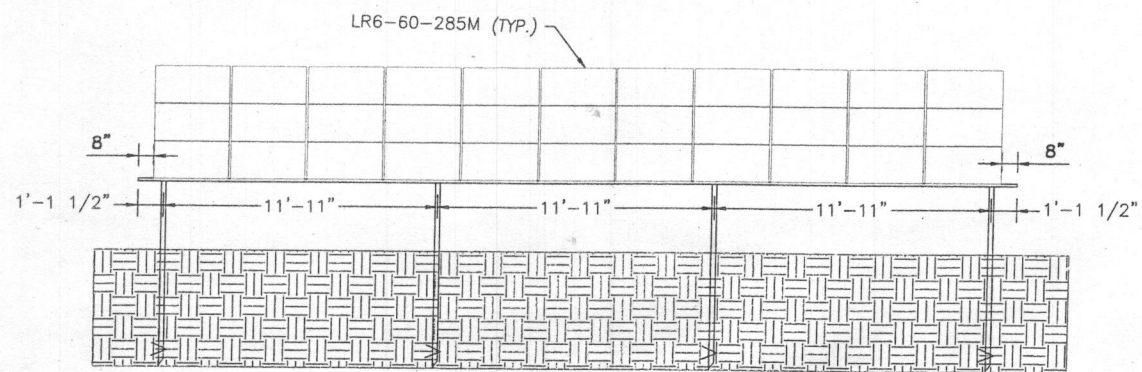
Stamp

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 50459, EXPIRATION DATE: January 12, 2019.
 *STAMPED AND SIGNED FOR STRUCTURES ONLY

Project Name and Address

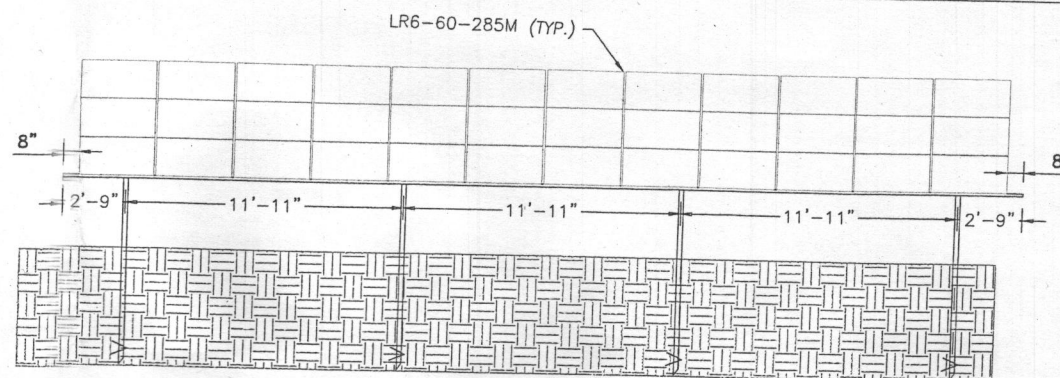
John Wilcox & Fiona (SR)
 5505 Cattail Creek Dr
 Glenwood, MD 21738
 19.665 kW

<small>Drawn by</small> DTK	A001
<small>Date</small> 05-NOV-2017	
<small>Scale</small> AS NOTED	



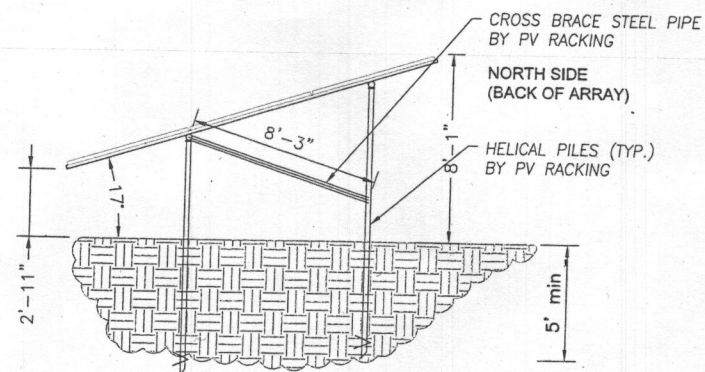
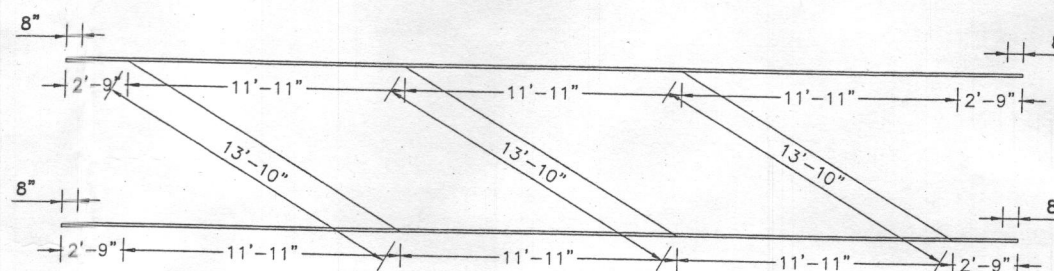
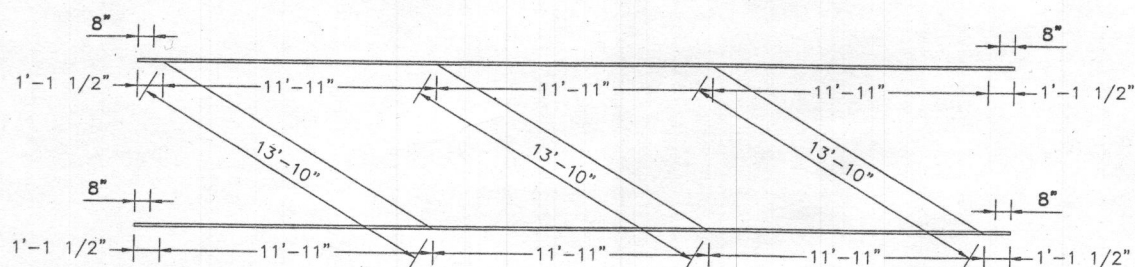
ARRAY FRONT ELEVATION

Scale: 1/8" = 1'-0"



ARRAY FRONT ELEVATION

Scale: 1/8" = 1'-0"



ARRAY SECTION

Scale: 1/8" = 1'-0"

NOTES:

- THIS DRAWING IS TO PROVIDE REFERENCE FOR THE INSTALLATION OF GROUND MOUNT PHOTOVOLTAIC ARRAYS.
- PV RACKING FOR GROUND MOUNT WILL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS
- LOAD CRITERIA PER IBC 2015 AND ASCE 7-10:
RISK CATEGORY II
EXPOSURE CATEGORY C
GROUND SNOW LOAD, $P_g = 30$ PSF
LATERAL LOAD:
WIND LOADS (ULTIMATE DESIGN WIND SPEED = 115 MPH)

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Glenwood, MD 21738
19.665 kW

Drawn by
DTK

Date
05-NOV-2017

Scale
AS NOTED

Sheet

S001

