



## HISTORIC PRESERVATION COMMISSION

Marc Elrich  
*County Executive*

Sandra I. Heiler  
*Chairman*

Date: December 10, 2019

### MEMORANDUM

TO: Hadi Mansouri  
Department of Permitting Services

FROM: Dan Bruechert  
Historic Preservation Section  
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #896248: Solar Panel Installation

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The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **Approved** at the December 5, 2019 HPC meeting.

The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

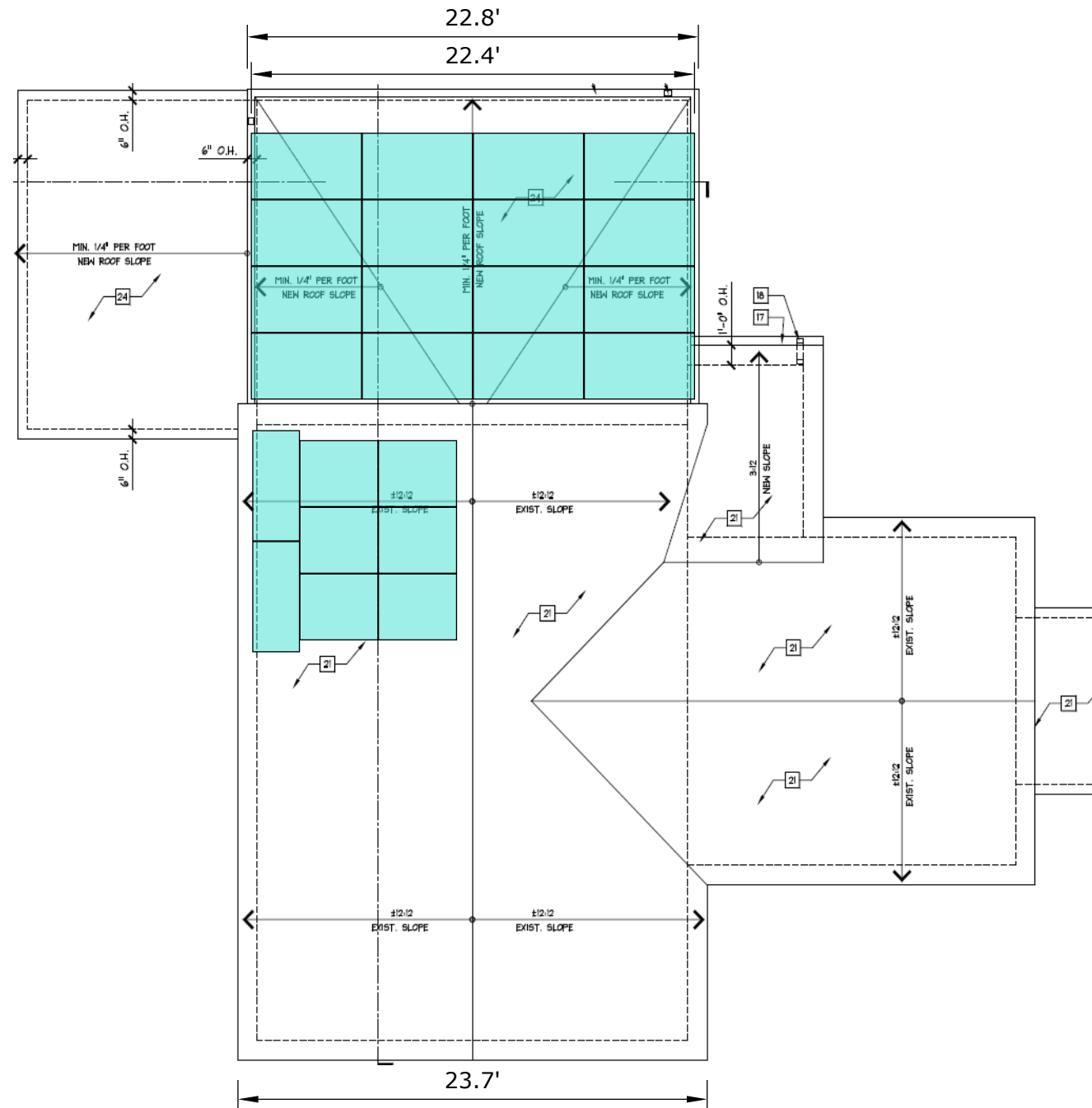
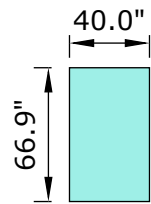
Applicant: Sam Bryson and Anne Kneedler  
Address: 5 Columbia Ave., Takoma Park

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Dan Bruechert at 301.563.3400 or [Dan.bruechert@montgomeryplanning.org](mailto:Dan.bruechert@montgomeryplanning.org) to schedule a follow-up site visit.



**Roof Layout**  
**Scale: 1/8" = 1'**  
**(modules scaled to slope)**

LG Neon 370W  
 PV Module



**REVIEWED**  
 By Dan.Bruechert at 3:42 pm, Dec 10, 2019

REVISIONS	REMARKS
MM/DD/YY	
1	
2	
3	
4	
5	



**Solar Energy Services, Inc.**

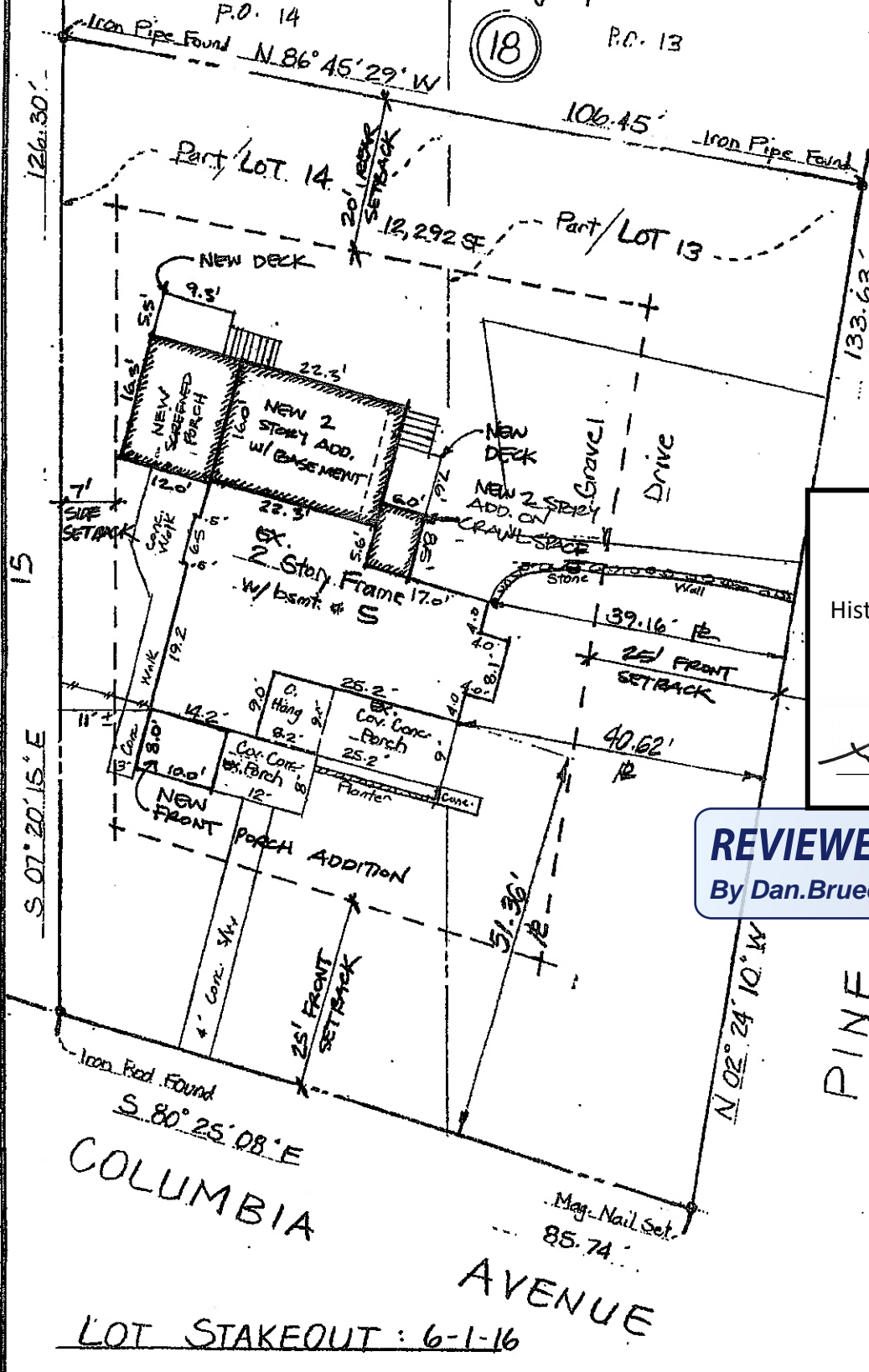
1514 Jabez Run, Suite # 103 Millersville Maryland, 21108

**Kneeder Residence**

**S001**

**NOTES:**

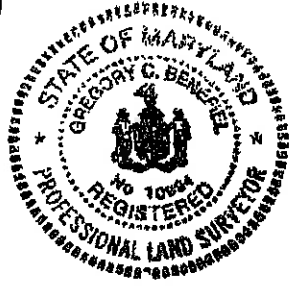
- ~~This plot is not intended for use in the establishment of property lines, but prepared for the exclusive use of the present property owners of record and/or those who purchase, mortgage or guarantee the title within six months from the date hereof and as to then I warrant this house location survey.~~
- ~~For site purposes only.~~
- No title report furnished at this time, subject to all easements and rights of ways of record.
- Property corners have ~~not~~ been set with this survey. Property Information was taken from the best available records.
- ~~This location plot is not to be used for the construction of fences or other improvements. A boundary survey and lot stakeout would have to be performed to determine the location of all property lines as shown.~~
- The Property shown hereon is located within Zone C as shown on F.E.M.A. Flood Insurance Rate Map Community Panel No. 18 of Montgomery County, Maryland.



APPROVED  
 Montgomery County  
 Historic Preservation Commission

*Sandra L. Heiler*

**REVIEWED**  
 By Dan.Bruechert at 3:42 pm, Dec 10, 2019



Drawn By: T.O.  
 Checked By: LC  
 Dater: 4-22-16  
 Scale: 1" = 20'  
 Job No. 16-20  
 Case No. J.W. Branch

### Vicinity Map



#### Structural Notes:

1. All work is to be done in a professional manner and in accordance with standard practice and shall be in strict compliance with manufacturers specifications and/or recommendations.

2. The general and sub-contractors shall carefully examine the drawings, inspect the site, and acquaint themselves with all governing ordinances, laws, and otherwise familiarize themselves with all matters that may affect performance of the work.

#### Data

IBC 2015  
 Snow design load 30 psf  
 Wind load 120 mph ultimate @ 3 second gusts  
 Seismic Category B

#### Applicable Codes:

-INTERNATIONAL BUILDING CODE / 2015  
 -INTERNATIONAL FIRE CODE / 2015  
 -NATIONAL ELECTRIC CODE / 2014

#### Professional Certification

I hereby certify that these documents were prepared or approved by me, and I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License Number: 8998  
 Expiration date: 2/3/2021

Wolfman & Associates, P.C.  
 8720 Georgia Ave. #908  
 Silver Spring, MD 20910

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 Montgomery County  
 Historic Preservation Commission  
*Sandra L. Heiler*

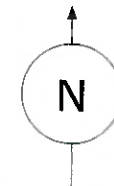
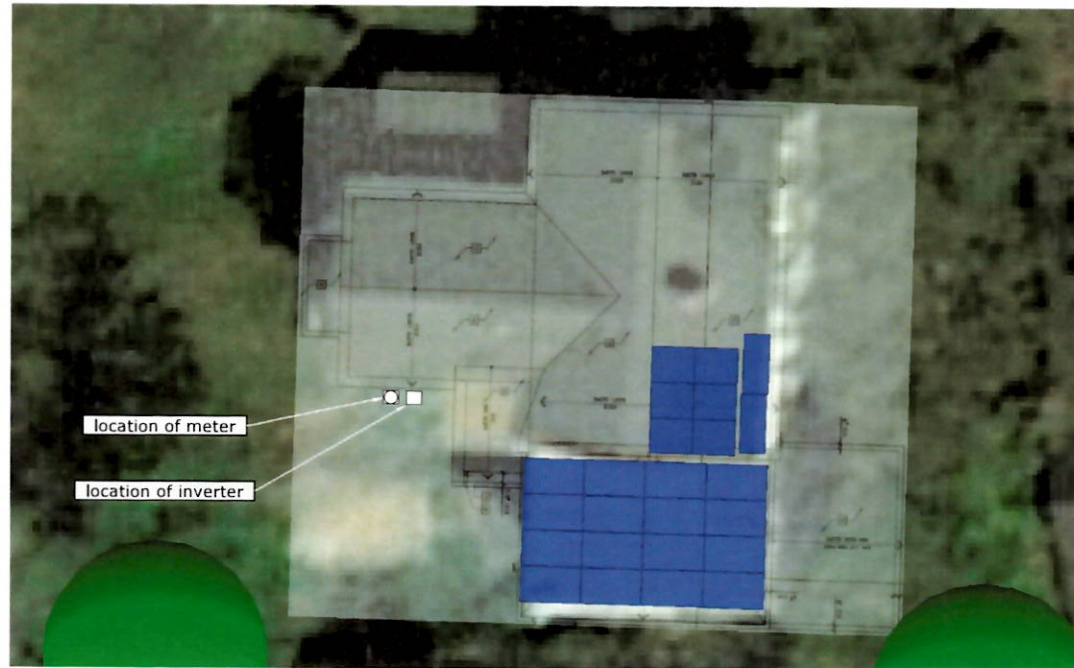
Overview  
 scale

**REVIEWED**

By Dan.Bruechert at 3:42 pm, Dec 10, 2019

### System Description

MODULE TYPE	REC 320W
QUANTITY	34
SYSTEM SIZE	8.64 kW
ROOF TYPE	shingle
PITCH	45°, 0°
STRUCTURE	rafter/truss
AZIMUTH	91°
MOUNTING SYSTEM	Snap n' Rack
INVERTER(S)	SolarEdge 7.6 kW



NO.	DATE	BY	REVISIONS
1			REVISION
2			
3			
4			
5			



Solar Energy Services, Inc.  
 1514 Jabez Run, Suite # 103 Millersville, Maryland, 21108

Kneedler Residence  
 5 Columbia Ave.  
 Takoma Park, MD

S 001



APPROVED  
Montgomery County  
Historic Preservation Commission

*Sandra L. Heiler*

SOLAR'S MOST TRUSTED



**REVIEWED**

*By Dan.Bruechert at 3:43 pm, Dec 10, 2019*

# REC TWINPEAK 2 MONO SERIES

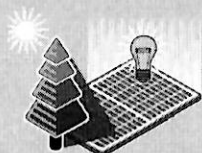
## PREMIUM SOLAR PANELS WITH SUPERIOR PERFORMANCE

REC TwinPeak 2 Mono Series solar panels feature an innovative design with high panel efficiency and power output, enabling customers to get the most out of the space used for the installation.

Combined with industry-leading product quality and the reliability of a strong and established European brand, REC TwinPeak 2 Mono panels are ideal for residential and commercial rooftops worldwide.



**MORE POWER  
OUTPUT PER M<sup>2</sup>**



**IMPROVED PERFORMANCE  
IN SHADED CONDITIONS**



**100%  
PID FREE**



**REDUCES BALANCE OF  
SYSTEM COSTS**