



## HISTORIC PRESERVATION COMMISSION

Marc Elrich  
*County Executive*

Robert K. Sutton  
*Chairman*

Date: March 4, 2022

### MEMORANDUM

TO: Mitra Pedoeem  
Department of Permitting Services

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

SUBJECT: Work Permit # 984767 - 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** by HPC Staff.

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: Charles & Carol Bergmann  
Address: 920 Old Bucklodge Ln., Boyds

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.





## HISTORIC PRESERVATION COMMISSION

HAWP #: \_\_\_\_\_ at: \_\_\_\_\_

submitted on: \_\_\_\_\_

has been reviewed and determined that the proposal fits into the following category/categories:

Repair or replacement of a masonry foundation with new masonry materials that closely match the original in appearance;

Installation of vents or venting pipes in locations not visible from the public right-of-way;

New gutters and downspouts;

Removal of vinyl, aluminum, asbestos, or other artificial siding when the original siding is to be repaired and/or replaced in kind;

Removal of accessory buildings that are not original to the site or non-historic construction;

Repair or replacement of missing or deteriorated architectural details such as trim or other millwork, stairs or stoops, porch decking or ceilings, columns, railings, balusters, brackets shutters, etc., with new materials that match the old in design, texture, visual characteristics, and, where possible materials, so long as the applicant is able to provide one extant example, photographic evidence, or physical evidence that serves as the basis for the work proposed;

Construction of wooden decks that are at the rear of a structure and are not visible from a public right-of-way;

Roof replacement with -compatible roofing materials, or with architectural shingles replacing 3-Tab asphalt shingles;

Installation of storm windows or doors that are compatible with the historic resource or district;

Repair, replacement or installation of foundation-level doors, windows, window wells, and areaways, or foundation vents, venting pipes, or exterior grills that do not alter the character-defining features and/or the historic character of the resource;

Construction of fences that are compatible with the historic site or district in material, height, location, and design;

Fence is lower than 48" in front of rear wall plane;

Construction of walkways, parking pads, patios, driveways, or other paved areas that are not visible from a public right-of-way and measure no more than 150 square feet in size;

Replacement of existing walkways, parking pads, patios, driveways, or other paved areas with materials that are compatible with the visual character of the historic site and district and that are no greater than the dimensions of the existing hardscape;

Construction of small accessory buildings no larger than 250 square feet in size that are not visible from the public right-of-way;

Installations of skylights on the rear of a structure that will not be visible from the public right-of-way, and would not remove or alter character-defining roof materials;

Installation of solar panels and arrays in locations that are not readily visible from the public right-of-way or that are designed so as to have a minimal impact on the historic resource or the historic district (e.g., systems that are ground-mounted in areas other than the front or side yard of a corner lot, located on accessory or outbuildings, on non-historic additions, or on rear facing roof planes);

Installation of car charging stations in any location on a property or in the right-of-way;

Installation of satellite dishes;

Removal of trees greater than 6" in diameter (d.b.h.) that are dead, dying, or present an immediate hazard.

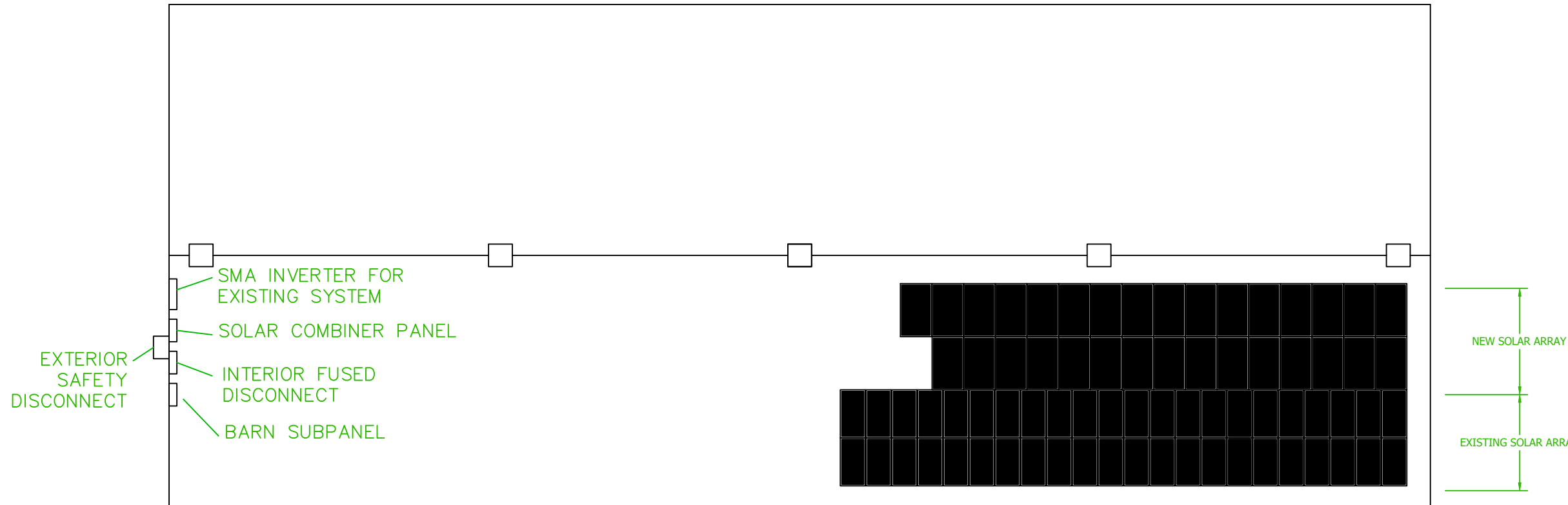
Removal of trees greater than 6" in diameter (d.b.h.) in the rear of the property that will not impact the overall tree canopy of the surrounding district or historic site;

Replacement tree required as a condition; and,

Other minor alterations that may be required by the Department of Permitting Services post-Commission approval that would have no material effect on the historic character of the property.

Staff finds the proposal complies with Chapter 24A, the Secretary of the Interior's Standards for Rehabilitation, and any additional requisite guidance. Under the authority of COMCOR No. 24A.04.01, this HAWP is approved by J. Bruecht on \_\_\_\_\_. The approval memo and stamped drawings follow.

MONTGOMERY COUNTY SETBACK



THE INSTALLATION OF SOLAR ARRAYS AND PHOTOVOLTAIC POWER SYSTEMS SHALL BE IN ACCORDANCE WITH THE MOST RECENT NATIONAL ELCTRIC AND BUILDING CODES AND STANDARDS, AS AMENDED BY LOCAL JURISDICTION.

### System Summary

#### Equipment:

NEW  
 31 – Panasonic Evervolt 370W Solar Modules  
 31 – Enphase IQ7+ Microinverters  
 11.47 kWDC

UPDATED EXISTING  
 44 – Suntech 175W Solar Modules  
 1 – SMA 6000US Inverter with panel integrated Rapid Shutdown System  
 11.47 kWDC

7.7kW DC Total System Size

#### Roof Details:

A: Tilt: 28 Degrees  
 Azimuth: 255 Degrees

APPROVED  
 Montgomery County  
 Historic Preservation Commission



**REVIEWED**  
 By Dan.Bruechert at 3:20 pm, Mar 04, 2022

SHEET NO.	SHEET TITLE
PV1.0	COVER AND SITE PLAN
PV2.0	STRUCTURAL
PV3.0	ELECTRICAL DETAIL
PV4.0	CALCULATION

THESE DRAWINGS, SPECIFICATIONS, AND DESIGNS ARE THE PROPERTY OF 21ST CENTURY POWER SOLUTIONS,LLC. NO PART SHALL BE COPIED OR USED FOR OR WITH ANY OTHER WORK OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN DEVELOPED WITHOUT OUR SPECIFIC CONSENT.

SCALE: 3" TO 16'

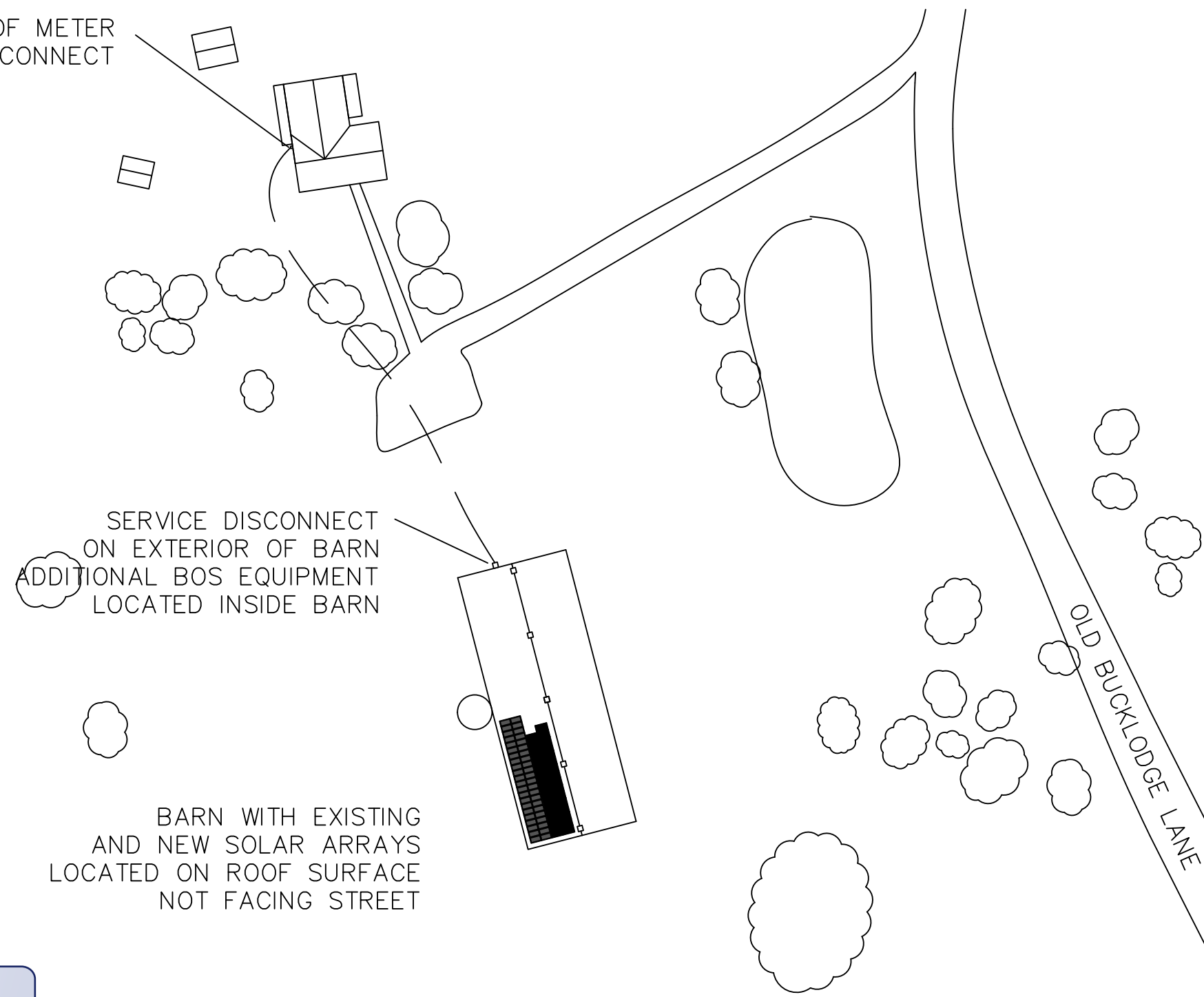
Celestial Solar Innovations, LLC	Date:	02/21/2022	Cover and Site Plan
Frederick, MD 21703 240.409.1148 celestialsolarinnovations.com	Designed By:	Robert Reichel	Chuck Bergmann 920 Old Bucklodge Lane Boys, MD 20841
	Designer Contact:	410.418.5650	
	Revision:	0	
	Jurisdiction:	Montgomery County	



PV  
1.0



LOCATION OF METER AND UTILITY DISCONNECT



SERVICE DISCONNECT ON EXTERIOR OF BARN  
ADDITIONAL BOS EQUIPMENT LOCATED INSIDE BARN

BARN WITH EXISTING AND NEW SOLAR ARRAYS LOCATED ON ROOF SURFACE NOT FACING STREET

APPROVED  
Montgomery County  
Historic Preservation Commission  
*[Signature]*

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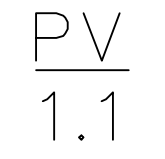
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