



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: 12504 Indian Hill Dr.
City: Sykesville State: Md. Zip Code: 21784
Suite/Apt. # _____ SDP/WP/BA #: _____
Census Tract: _____ Subdivision: _____
Section: _____ Area: _____ Lot: 28
Tax Map: 0009 Parcel: 0136 Grid: 0012
Zoning: _____ Map Coordinates: _____ Lot Size: 1,1500 sq ft

Existing Use: SFD
Proposed Use: SFD
Estimated Construction Cost: \$ _____
Description of Work: _____

54x17 Ground mount Solar Panels

Occupant or Tenant: _____
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 st floor:	2 nd floor:
Area of construction (sq. ft.):	Basement:	
Use group:	<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	<u>Multi-family Dwelling</u>	
<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: Betty Lou & Robert Mapp
Address: 12504 Indian Hill Dr.
City: Sykesville State: Md. Zip Code: 21784
Phone: 301-448-2694 Fax: _____
Email: _____

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

Contractor Company: Solar Energy World
Contact Person: John Stokes
Address: 5681 Main St
City: Elkridge State: Md. Zip Code: 21075
License No.: 127353
Phone: 410-579-2009 Fax: _____
Email: JSStokes@SolarEnergyWorld.com

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

Utilities	
<u>Water Supply</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<u>Sewage Disposal</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<u>Heating System</u>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<u>Sprinkler System:</u>	
<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: JSStokes@SolarEnergyWorld.com
Print Name: _____
Date: _____
Email Address: Solar Energy World
Title/Company: _____

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	<u>8/2/18</u>	<u>[Signature]</u>
Is Sediment Control approval required for issuance? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input type="checkbox"/> 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	#



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

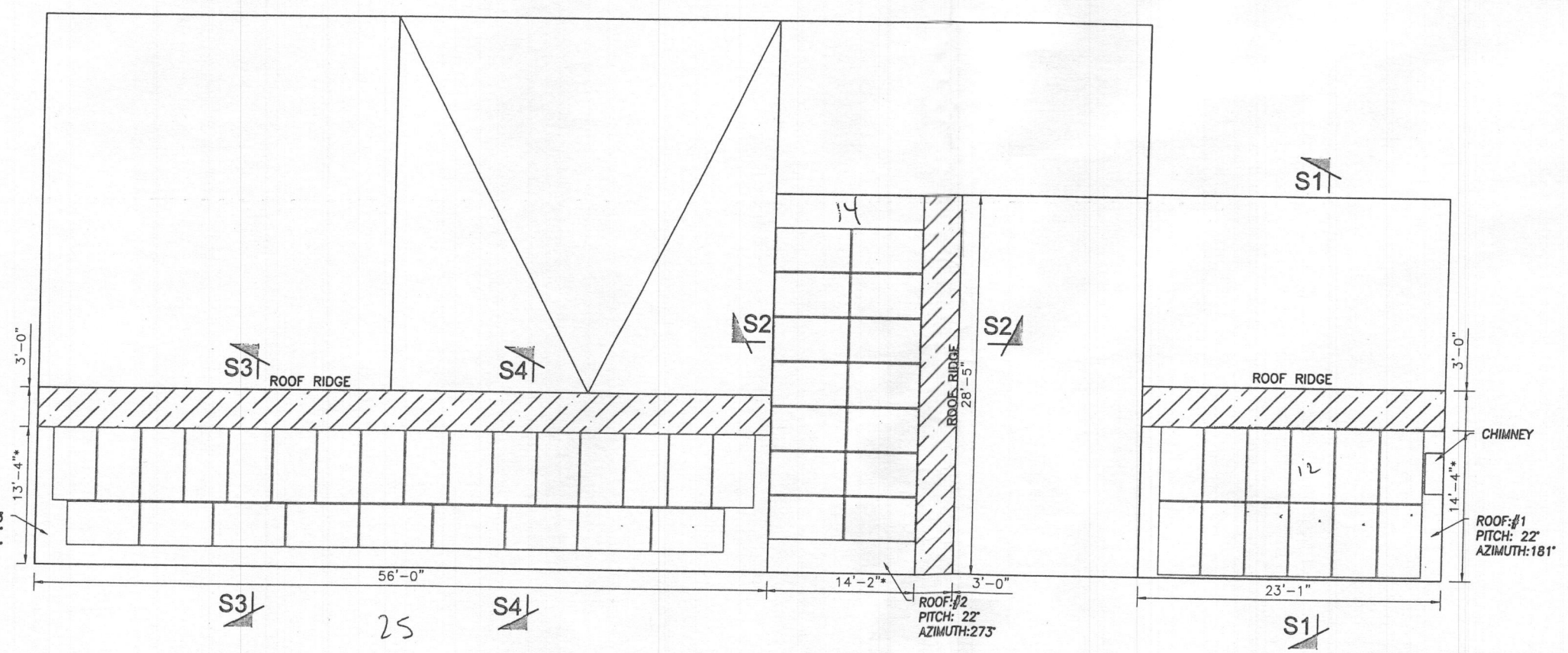
Disclaimer:
This drawing is the property of Solar Energy World Inc. The information herein contained shall be used for the sole benefit of Solar Energy World. It shall not be disclosed to others outside the recipient's organization, in whole or in part, without the written permission of Solar Energy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

Blank lines for notes or stamps.

Stamp area.

Project Name and Address
Betty Lou and Robert Mapp (SR)
12504 Indian Hill Dr.
Sykesville, MD 21784
28.71 kW RM[14.79] + GM[13.92]

Drawn by
JMP/TML
Date
7/24/2018
Scale
AS NOTED
Sheet
A002



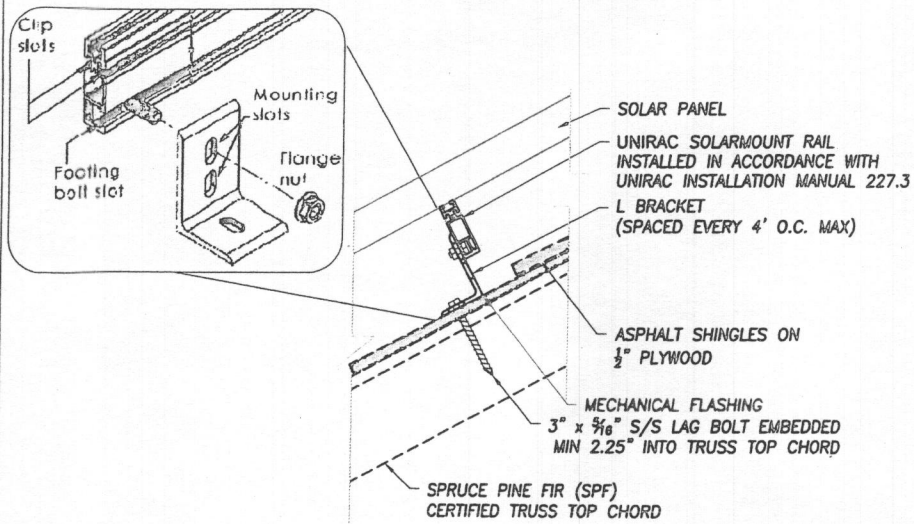
KEY
[Hatched Box] FIRE SAFETY ZONE

SOLAR PANEL LAYOUT
Scale: 3/32" = 1'-0"

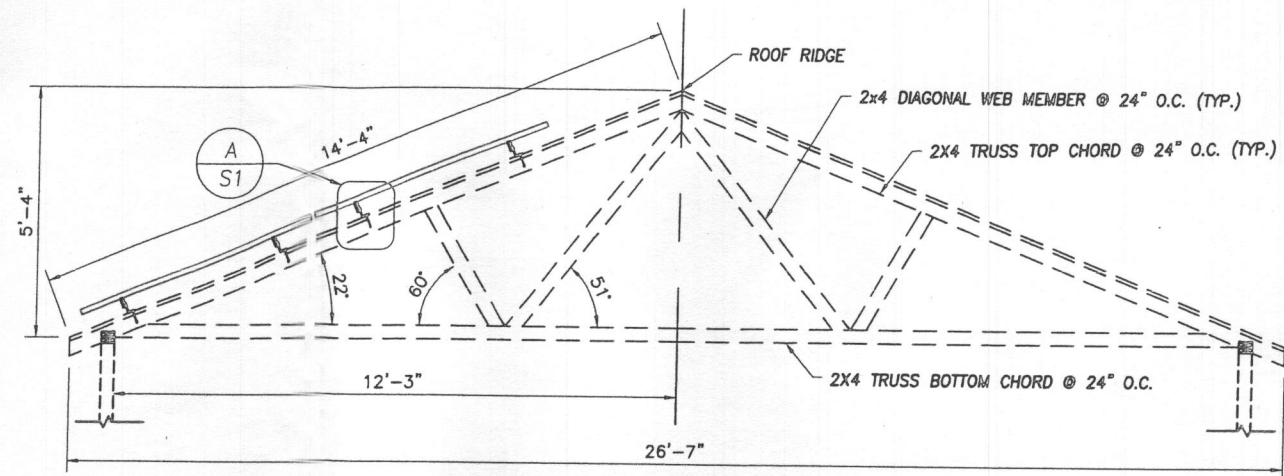
- NOTES:
1. THE SYSTEM SHALL INCLUDE [99] ROOF MOUNT [51] + GROUND MOUNT [48] REC SOLAR REC290TP2 BLK MODULES
 2. UNIRAC SOLARMOUNT RAIL WILL BE INSTALLED IN ACCORDANCE WITH UNIRAC INSTALLATION MANUAL 227.3.
 3. DIMENSIONS MARKED (*) ARE ALONG ROOF SLOPE.
 4. REFER TO STRUCTURAL DRAWING FOR SECTIONS MARKED AND ADDITIONAL NOTES.



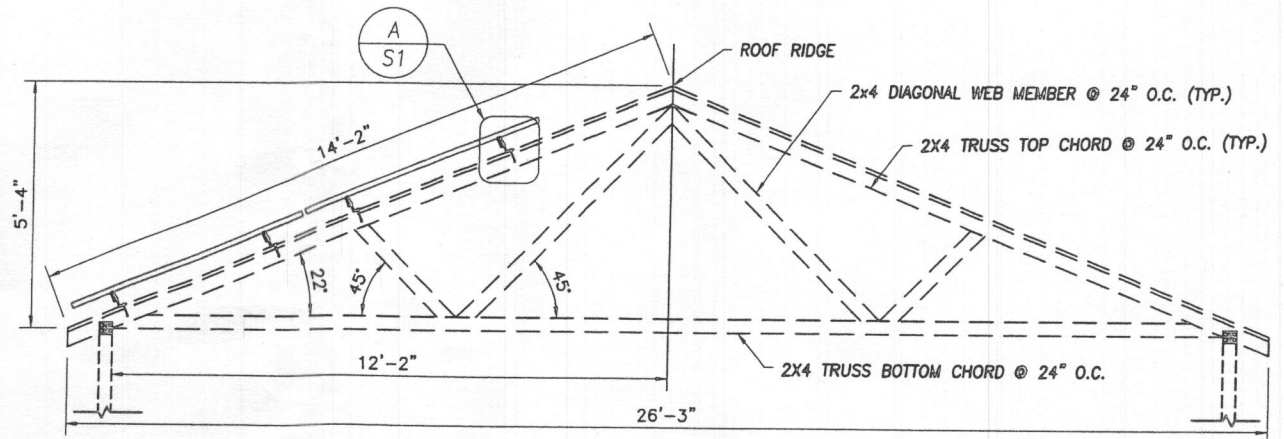
PROPOSED PV ARRAY LOCATION



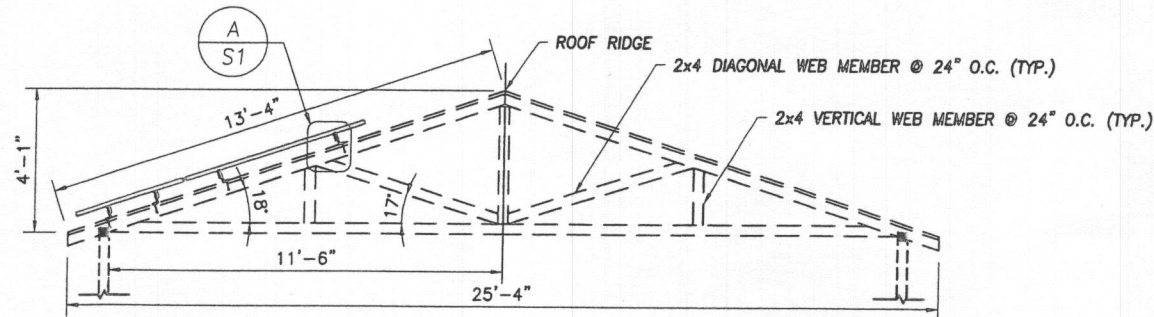
DETAIL A S1
Scale: NTS



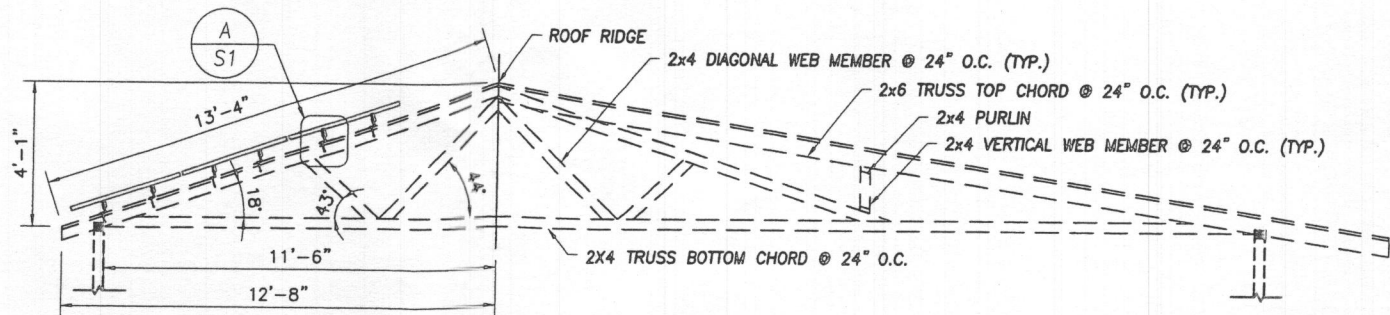
STRUCTURAL SECTION S1
Scale: 1/4" = 1'-0"



STRUCTURAL SECTION S2
Scale: 1/4" = 1'-0"



STRUCTURAL SECTION S4
Scale: 3/16" = 1'-0"



STRUCTURAL SECTION S3
Scale: 3/16" = 1'-0"

NOTES:

- ALL WORK SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL RESIDENTIAL CODE (IRC 2015), LOADING CODE (ASCE 7-10), WOOD DESIGN CODE (NDS 2015) AND LOCAL REQUIREMENTS.
- LOAD CRITERIA PER :
 - EXPOSURE CATEGORY "B"
 - GROUND SNOW LOAD, $P_g = 25$ PSF
 - RISK CATEGORY "II"
 - ULTIMATE DESIGN WIND SPEED = 115 MPH
- SOLAR PANELS AND RACKING SYSTEMS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION.
- FOLLOW ALL LOCAL AND FEDERAL SAFETY REQUIREMENTS.

General Notes



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Stamp

Project Name and Address

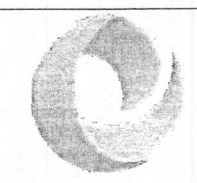
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Scale
AS NOTED

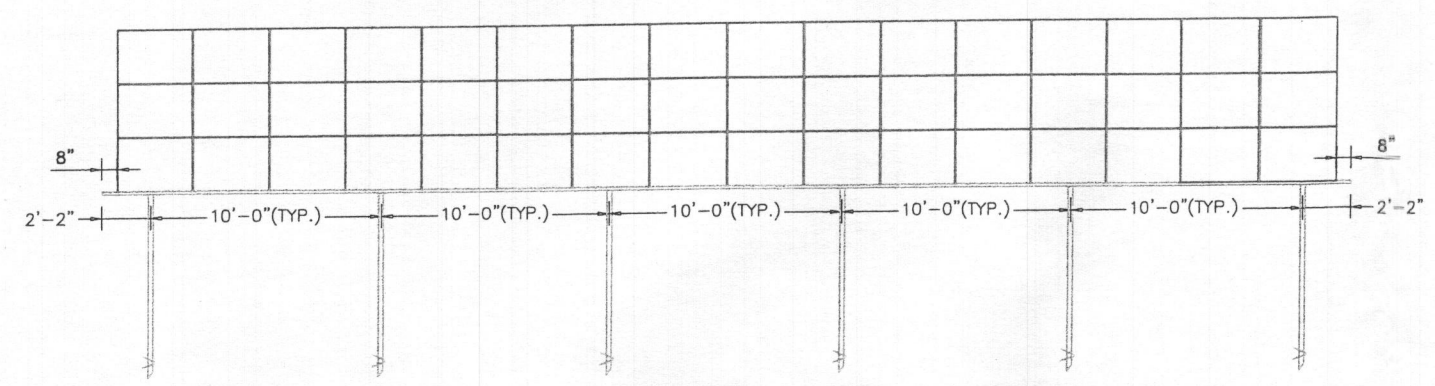
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S001

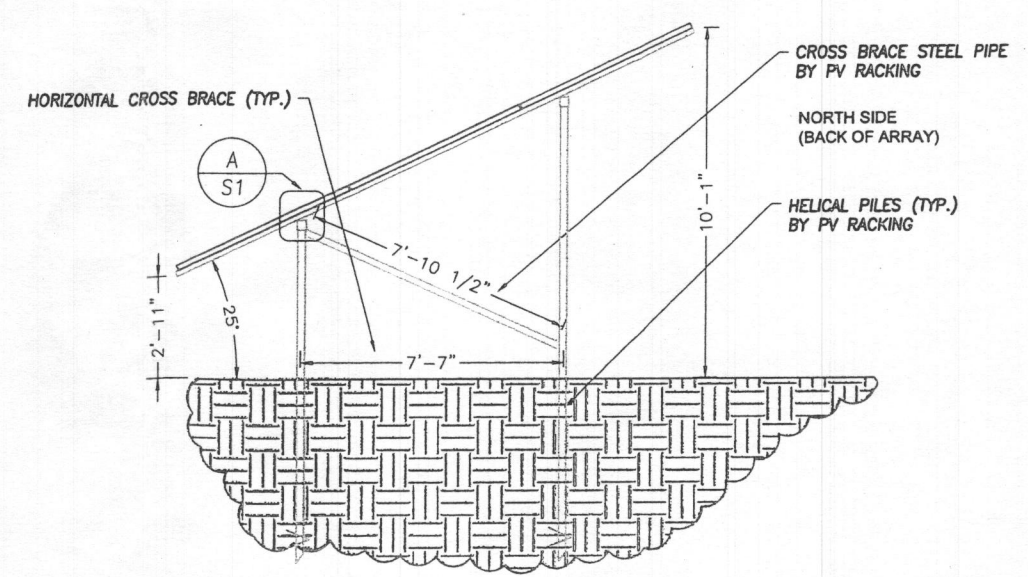
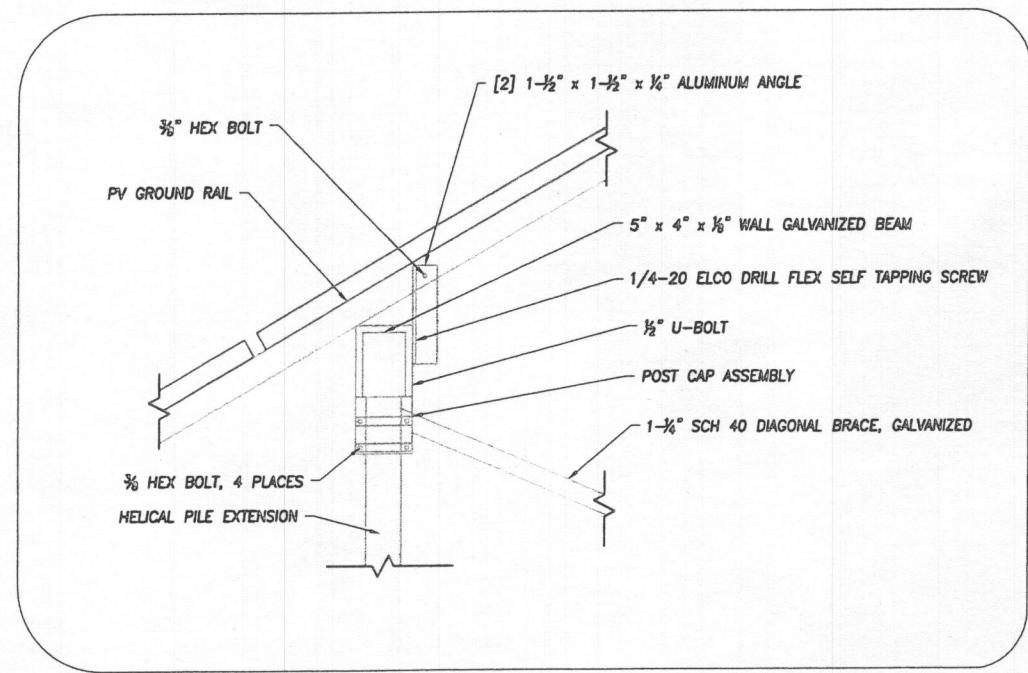
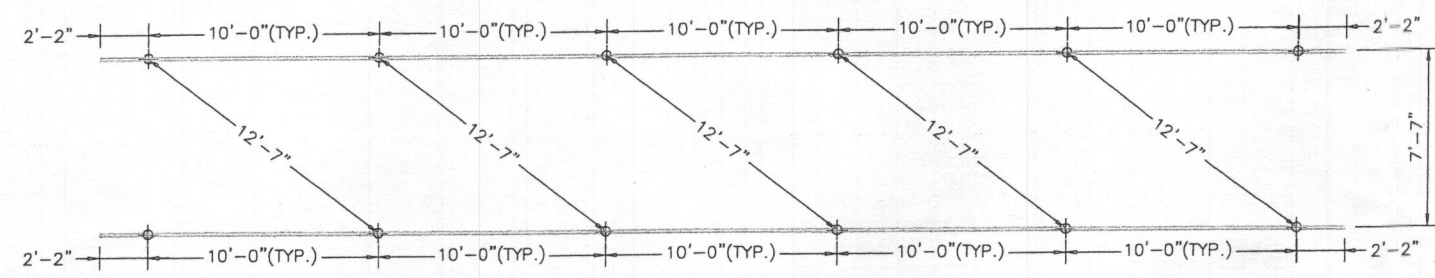


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ARRAY FRONT ELEVATION
 Scale: 3/32" = 1'-0"



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 B
 GROUND SNOW LOAD, $P_g = 30$ PSF
 LATERAL LOAD:
 WIND LOADS (ULTIMATE DESIGN WIND SPEED = 115 MPH)

Stamp

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 Betty Lou and Robert Mapp (SR)
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 Sykesville, MD 21784
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Drawn by JMP/TML	Sheet S002
Date 7/24/2018	
Scale AS NOTED	

