



CERTIFICATE OF APPROPRIATENESS APPLICATION FORM

Incomplete applications will not be processed for Commission review.
Please print legibly.

1. HISTORIC NAME OF PROPERTY OR HISTORIC DISTRICT: (if known)

ADDRESS OF PROPERTY:

2827 W McKinley Blvd Milwaukee

2. NAME AND ADDRESS OF OWNER:

Name(s): Bill Hanel

Address: Same as above

City: _____ State: _____ ZIP: _____

Email: bill.hanel@gmail.com

Telephone number (area code & number) Daytime: 414-248-3087 Evening: _____

3. APPLICANT, AGENT OR CONTRACTOR: (if different from owner)

Name(s): Arch Electric - Lindsey Hansen

Address: 1237 Pilgrim Rd

City: Plymouth State: WI ZIP Code: 53073

Email: lindsey@archelec.com

Telephone number (area code & number) Daytime: 920-88-5137 Evening: _____

4. ATTACHMENTS: (Because projects can vary in size and scope, please call the HPC Office at 414-286-5712 for submittal requirements)

A. REQUIRED FOR MAJOR PROJECTS:

Photographs of affected areas & all sides of the building (annotated photos recommended)

Sketches and Elevation Drawings (1 full size and 1 reduced to 11" x 17" or 8 1/2" x 11")
A digital copy of the photos and drawings is also requested.

Material and Design Specifications (see next page)

B. NEW CONSTRUCTION ALSO REQUIRES:

_____ Floor Plans (1 full size and 1 reduced to a maximum of 11" x 17")

_____ Site Plan showing location of project and adjoining structures and fences

**PLEASE NOTE: YOUR APPLICATION CANNOT BE PROCESSED UNLESS
BOTH PAGES OF THIS FORM ARE PROPERLY COMPLETED
AND SIGNED.**

5. DESCRIPTION OF PROJECT:

Tell us what you want to do. Describe all proposed work including materials, design, and dimensions. Additional pages may be attached via email.

4.4 kW roof mounted solar array -
 12 REC370AA panels
 12 Enphase IQ7Ams-72-X-240
 XR100 Rail

6. SIGNATURE OF APPLICANT:

Lindsey Hansen
Signature

Lindsey Hansen
Please print or type name

4-23-21
Date

This form and all supporting documentation MUST arrive by 4:00 pm (11:59 pm via email) on the deadline date established to be considered at the next Historic Preservation Commission Meeting. Any information not provided to staff in advance of the meeting will not be considered by the Commission during their deliberation. Please call if you have any questions and staff will assist you.

Mail or Email Form to:
Historic Preservation Commission
City Clerk's Office
841 N. Broadway, Rm. B1
Milwaukee, WI 53202

PHONE: (414) 286-5712 or 286-5722

hpc@milwaukee.gov

www.milwaukee.gov/hpc

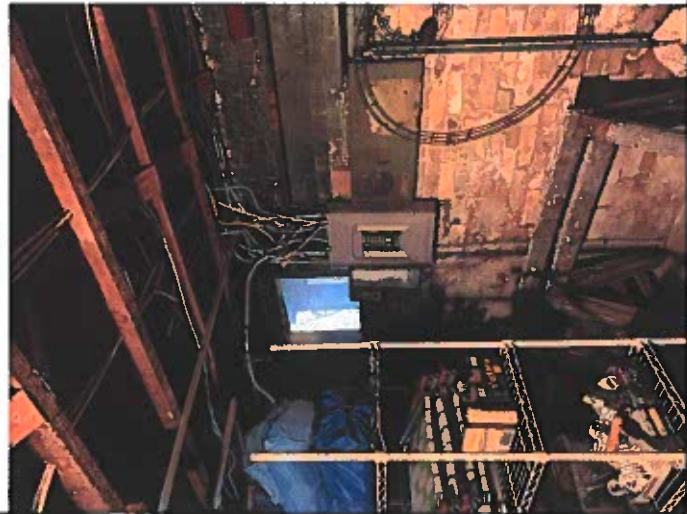
Or click the **SUBMIT** button to automatically email this form for submission.

SUBMIT

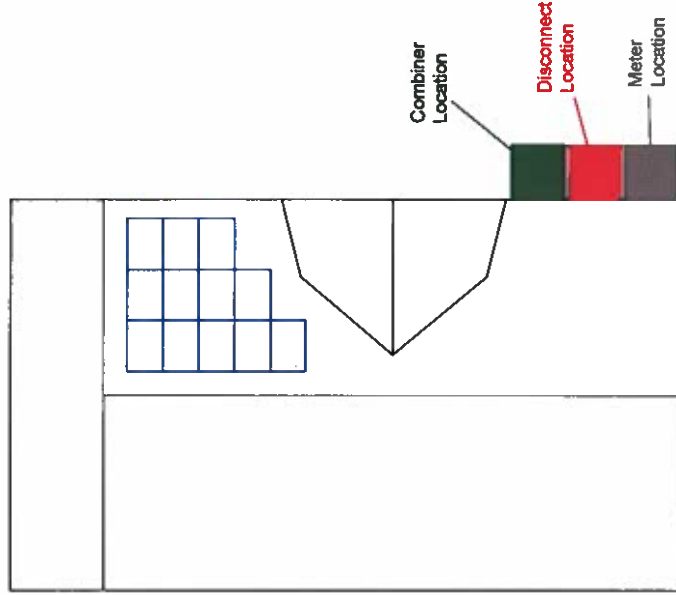
Equipment Location: Meter outside SE corner of the house. Disconnect will be located adjacent to meter. Combiner will also be next to meter. Relocate cable box as necessary.



Array #	Array Pitch	True Azim.	Mag. Azim.	PV SqFt
1	45°	90°	93°	225.83



Main services panel in basement



Plot Plan: Scale - NTS



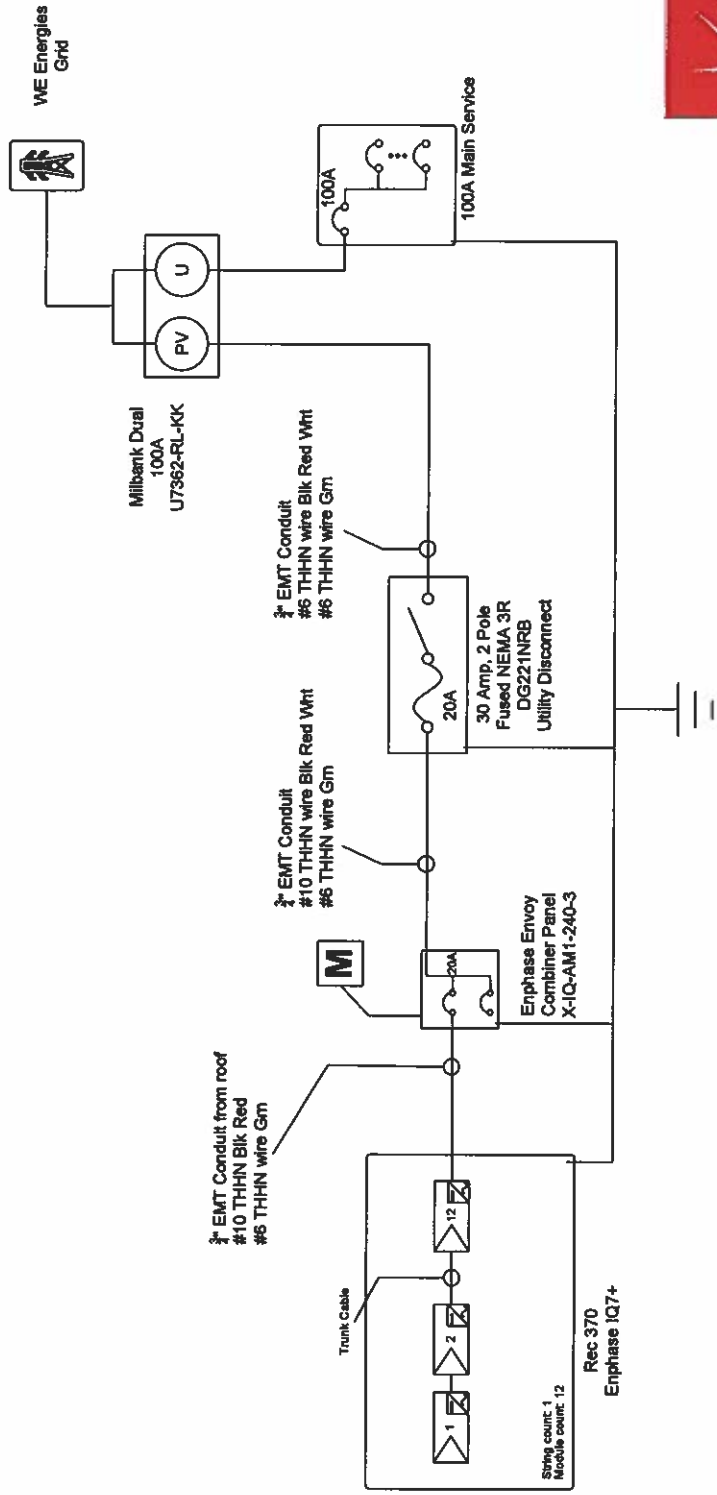
THE SOLAR • ENERGY STORAGE EXPERTS
 Customer: William Hanel
 Address: 2527 W McConley Blvd
 City: Milwaukee
 State: WI
 Zip Code: 53208
 Phone: (414) 245-3097
 Email: bill.hanel@gmail.com

Project Number: PV 21.126
 System Size: 4.44kWdc
 Designer: Jacob Willadsen

Site Plan
 Revision: 1
 Date: 4.29.21

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Roof Type	Mounting	Other Spec	Roof Height	Inside Exposure	Frame Material	Frame Size	Max Span	O.C. Spacing	Fire Zone	Design Specifications
Asphalt shingles	IronRidge XR100	123456	2 Story	Attic or crawl space	Wood	?	?	?	18"	<p>Modules: Rec 370W</p> <p>Module Dimensions: 67.75" x 40" x 30mm</p> <p>Clamping: Portrait: 0" - 25.5" (0" - 13" Optimal) Landscape: 4" - 9.8"</p> <p>Max Distributed Load: SP-SF</p> <p>Snow Load: 30PSF</p> <p>Wind Speed: 115MPH</p> <p>Leg Screw: 5/16" x 4", 3" Min. Embedment</p> <p>Row Spacing: 1"</p> <p>Module Spacing: 3/8"</p> <p>Note: Keep array low on roof edge. Fire code dictates a 18" lane at the peak of residential installations.</p>
<p>BOS:</p> <ul style="list-style-type: none"> 12- REC 370 Modules (REC370AA) 12- Enphase micro IQ7+ (IQ7PLUS) 1- LA302R Lightning Arrestor (LA302R) 1- DG221NRB 30A Disconnect (DG221NRB) 1- GBK5 5-Port Ground Bar Kit (GBK5) 2- 20A Fuses (L-FSE FLNR020) 1- Milbank U7362-RL-KK Meter Bank (U7362-RL-KK) 2- 5/8" Ground Rods (GR 5/8) 2- Acorn Nuts (17680) 2- Water Ground Clamps (GR WATER BRONZE) 1- Enphase combiner (X-IQ-AM1-240-3) 1- 20A Breakers for combiner BR220 (BR220) <p>3/4" EMT Conduit (Approx 50')</p> <p>12- Trunk Cable (Q-12-10-240)</p> <p>#10 THHN wire Black, Red, Wht (Approx. 50' each)</p> <p>#6 THHN wire Black, Red, Wht, Green (Approx. 50' each)</p> <p>CAT6 Data Line (CAT6R BLUE, Approx 50')</p> <p>Arch Yard Sign</p> <p>One Line Canister</p>										
<p>Racking:</p> <ul style="list-style-type: none"> 6- XR100 Rail (XR-100-204A) 3- Rail Splice (XR-100-SPLC-M1) 35- Flash Foot 35- Rail Bolt 3- Ground Lug (XR-LUG-03-A1) 30- Mid Clamp (UFO-CL-01-A1) 12- 30mm End Clamp (UFO-STP-30MM) 12- End Cap (XR-100-CAP) 20- Enphase Clip (EN-Q-CLIP-100) 10- Micro Inverter Bolt 1- 6x6x4 PVC J-Box (664BX) 1- 3 Hole Cord Grip 1- UF Cord Grip (Q-CONN-10F) 1- Terminator (Q-Term-10) 7- Solar Seal 900 2- Vulkem (VULKEM) 										
<p>CUSTOMER: William Hanel Address: 2827 W. McShay Blvd City: Milneville State: VT Zip Code: 55208 Contact: Bill Hanel Phone: (614) 248-3087 Email: bill.hanel@gmail.com</p> <p>Project Number: PV21.126 System Size: 4.44kWdc Design: Jacob Willadsen Phone: 603.688.3556</p> <p>Designer: Jacob Willadsen Array Details</p> <p>Revision: 1 Date: 4.25.21</p>										
<p align="right">Page A.3</p>										



Customer: William Havel
 Address: 2827 W McKinley Blvd
 City: Milwaukee
 State: WI
 Zip Code: 53208
 Contact: Bill Havel
 Phone: (414) 248-3087
 Email: bill.havel@gmail.com

Project Number: System Size
 PV 21,126 4.44KWdc
 Designer: Jacob Willadsen 520.628.3528

Revision: 1 Date: 4.23.21
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Inverter Specifications	
Enphase 295w IQ7+	
Max AC Power Rating	295W / 3.54KWac Total
Max DC Input Voltage	60 V
Max DC Input Current	15 A
Nominal AC Operating Voltage	240 V
Max AC Operating Current	1.21A Each / 14.52A Total

Array Specifications	
1 String of 12 Modules	
Max DC Power Rating	4.44KW
Operating AC Voltage	240 V
Operating AC Current	14.52 A
Max AC System Voltage	240 V
AC Short Circuit Current	20 A

Module Specifications	
Rec Solar 370AA (QTY: 12)	
STC Rating	370 W
Vmp	38.3 V
Imp	9.66 A
Voc	44.5 V
Isc	10.30 A