1. Agenda

   Documents: HISTORIC DISTRICT COMMISSION MEETING AGENDA JULY 24, 2012 (PDF).PDF

2. Agenda Packet

   Documents: HISTORIC DISTRICT COMMISSION MEETING AGENDA PACKET JULY 24, 2012 (PDF).PDF

CITY OF YPSILANTI
HISTORIC DISTRICT COMMISSION
REGULAR MEETING AGENDA
TUESDAY, JULY 24, 2012
7:00 P.M.

I. CALL TO ORDER AND ROLL CALL

Jane Schmiedeke, Chair	P	A
Hank Prebys, Vice Chair	P	A
Ron Rupert	P	A
Michael Condon	P	A
Jennifer Henriksen	P	A
Alex Pettit	P	A
Anne Stevenson	P	A

II. APPROVAL OF AGENDA

III. PUBLIC COMMENTS ON AGENDA ITEMS

IV. PUBLIC HEARING - none

V. BUSINESS SESSION

A. OLD BUSINESS

1. **306 N. Hamilton** — Side door and front porch alterations

B. NEW BUSINESS

2. **312 N. River** — Solar panel installation
3. **5 W. Forest** — Sign installation

C. STUDY ITEMS - none

D. ADMINISTRATIVE APPROVAL

4. **220 N. Huron** — Repainting of ADA ramp

E. OTHER BUSINESS

5. **Property Monitoring**

VI. AUDIENCE PARTICIPATION ON NON-AGENDA ITEMS

VII. HOUSEKEEPING BUSINESS

Approval of the minutes of July 10, 2012

VIII. ADJOURNMENT

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Approval of the minutes of July 10, 2012

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Ypsilanti Historic District

Work Permit Application

Date filed July 17, 2012 for HDC meeting date July 24, 2012

Action item ☒ Study item ☐ *Action items require payment of the application fee. There is no fee to submit a study item for discussion.*

Property Address 306 N Hamilton

Applicant ☑ Owner ☐ Architect ☐ Contractor

Name Raymond Scherer

Address 6720 W Liberty

City Ann Arbor State MI Zip 48103

Phone 734-761-5647 Fax

E-mail

Owner
(If different than applicant)

Who will perform the work? ☒ Owner ☒ Contractor

Contractor (Name, address, phone) Ernest Stobinski - Lewis Avenue Toledo Ohio 43606

Action items only:

Construction Cost _____ **Permit Application Fee** _____

The permit fee is $20 plus $5 for each (or any portion of) $3000 of construction cost. Payment is due at the time of application.

To complete this application:

1. On the reverse side, summarize the work proposed, list the main materials to be used, and (if relevant) indicate the color scheme planned.
2. Attach the following documents:
   a. Photo(s) showing all locations where work is proposed
   b. Paint color chips (if relevant)
   c. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components
   d. Dimensioned drawings of any new construction or modifications to existing structures
   e. A site plan, if proposal is for work on the grounds and not just the structure (e.g., installing an air conditioning system compressor). For fences, new structures, or work that will alter the footprint of existing structures, a photocopy of the mortgage survey with proposed changes indicated is required.

Submit the completed application to the City of Ypsilanti Building Department, 1 South Huron Street, along with the application fee if you wish the HDC to consider the proposal as an action item, not a study item.

Incomplete applications will not be considered.

For additional information, or if you have questions, contact the City of Ypsilanti Planning and Development Department, 734.483.9646, hdc@cityofypsilanti.com.

Ypsilanti Historic District Work Permit Application

Date filed JULY 17, 2012 for HDC meeting date JULY 24, 2012

Property Address 306 N HAMILTON

Applicant Raymond Scherel

Description of proposed work *(see sample applications)*

Please see detailed drawing for porch posts. To add/perform:

- BULLNOSE MOULDING
- DRIP EDGE
- CHAMFER

Materials

Colors (Attach color chips or samples)

Body _____ Accent 1 _____

Trim _____ Accent 2 _____

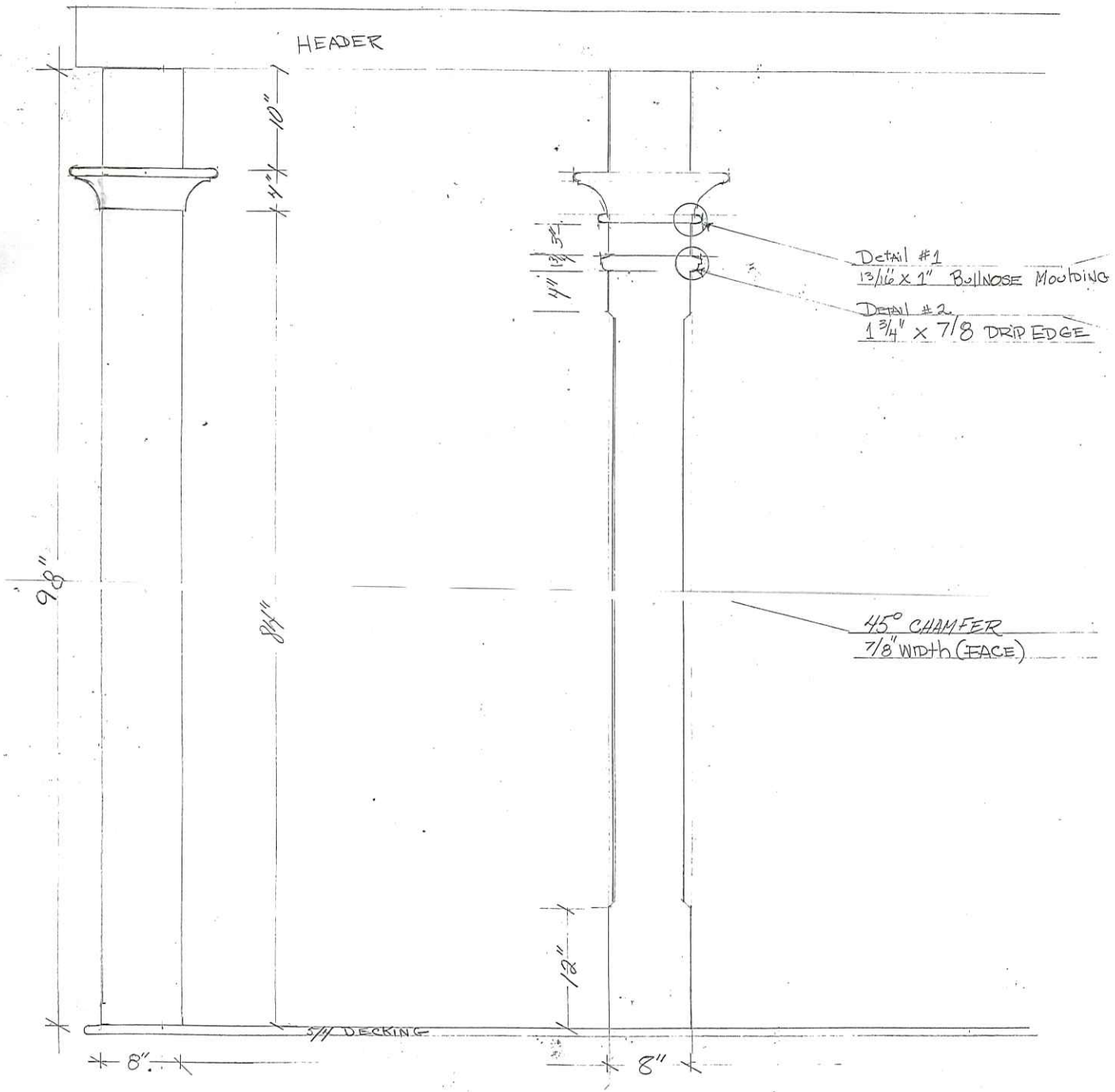
Roof _____ Other _____

☐ This property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended. (Compliance with this act must be certified to complete this application.)

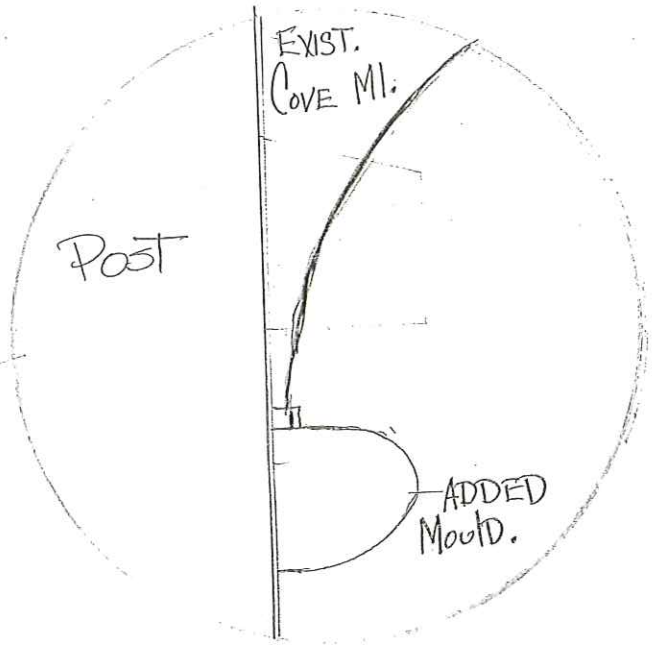
I hereby attest that the above information is accurate. I am authorized to and hereby grant permission to the City of Ypsilanti and its staff to be on my property for the purposes of preparing reports, taking photographs, and/or evaluating and reviewing this application.

Signature of Applicant

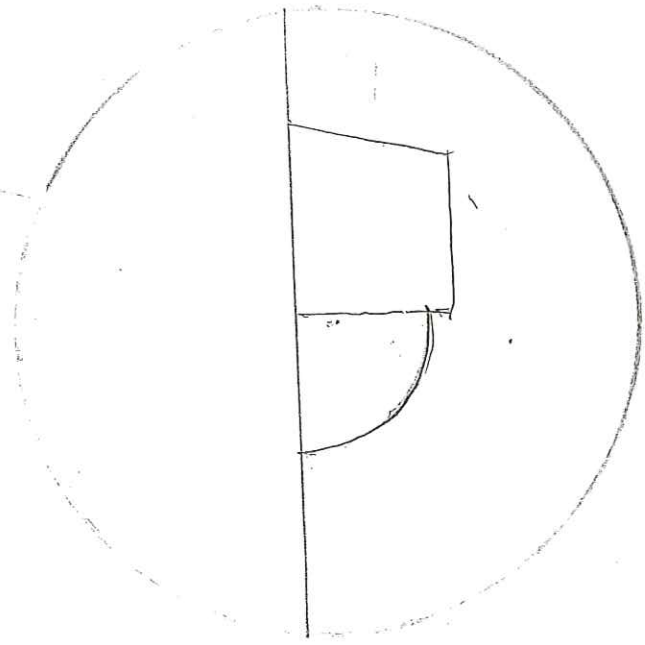
7/17/12
Date


HEADER
10"
4"
3"
1 3/4"
1"
Detail #1
13/16 x 1" Bullnose Moulding
Detail #2
1 3/4" x 7/8 DRIP EDGE
98"
84"
45° CHAMFER
7/8" WIDTH (FACE)
12"
5/4 DECKING
8"
8"

SCALE 1/8" = 1'



SCALE: ACTUAL #1



SCALE: ACTUAL #2

Rec 14904
chk 3843

Ypsilanti Historic District

Work Permit Application

Date filed 7/5/12 for HDC meeting date _____

Action item ☒ Study item ☐ *Action items require payment of the application fee. There is no fee to submit a study item for discussion.*

Property Address 312 N. River Ypsilanti, MI 48198

Applicant ☒ Owner ☐ Architect ☐ Contractor

Name Ypsilanti Food Coop

Address 312 N. River

City Ypsilanti State MI Zip 48198

Phone 734.483.1354 Fax N/A

E-mail Corinne@YpsiFoodCoop.org

Owner (If different than applicant) Corinne Sikorski

Who will perform the work? ☒ Owner ☐ Contractor

Contractor (Name, address, phone) _____

Action Items only:

Construction Cost 10,217 **Permit Application Fee** $30.00

The permit fee is $20 plus $5 for each $3,000 of construction cost, and is due at the time of application.

To complete this application:

1. On the reverse side, summarize the work proposed, list the main materials to be used, and (if relevant) indicate the color scheme planned.
2. Attach the following documents:
   a. Photo(s) showing all locations where work is proposed
   b. Paint color chips (if relevant)
   c. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components
   d. Dimensioned drawings of any new construction or modifications to existing structures
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Submit the completed application to the City of Ypsilanti Building Department, 1 South Huron Street, along with the application fee if you wish the HDC to consider the proposal as an action item, not a study item.

Incomplete applications will not be considered.

For additional information, or if you have questions, contact the City of Ypsilanti Planning and Development Department, 734.483.9646, hdc@cityofypsilanti.com.

Ypsilanti Historic District Work Permit Application

Date filed _____ for HDC meeting date _____

Property Address 312 N River

Applicant Ypsi Food Coop

Description of proposed work *(see sample applications)*

Add 4 Kw of photovoltaic Solar panels (8)

Materials

Colors (Attach color chips or samples)

Body _____ Accent 1 _____

Trim _____ Accent 2 _____

Roof _____ Other _____

☐ This property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended. (Compliance with this act must be certified to complete this application.)

I hereby attest that the above information is accurate. I am authorized to and hereby grant permission to the City of Ypsilanti and its staff to be on my property for the purposes of preparing reports, taking photographs, and/or evaluating and reviewing this application.

Signature of Applicant

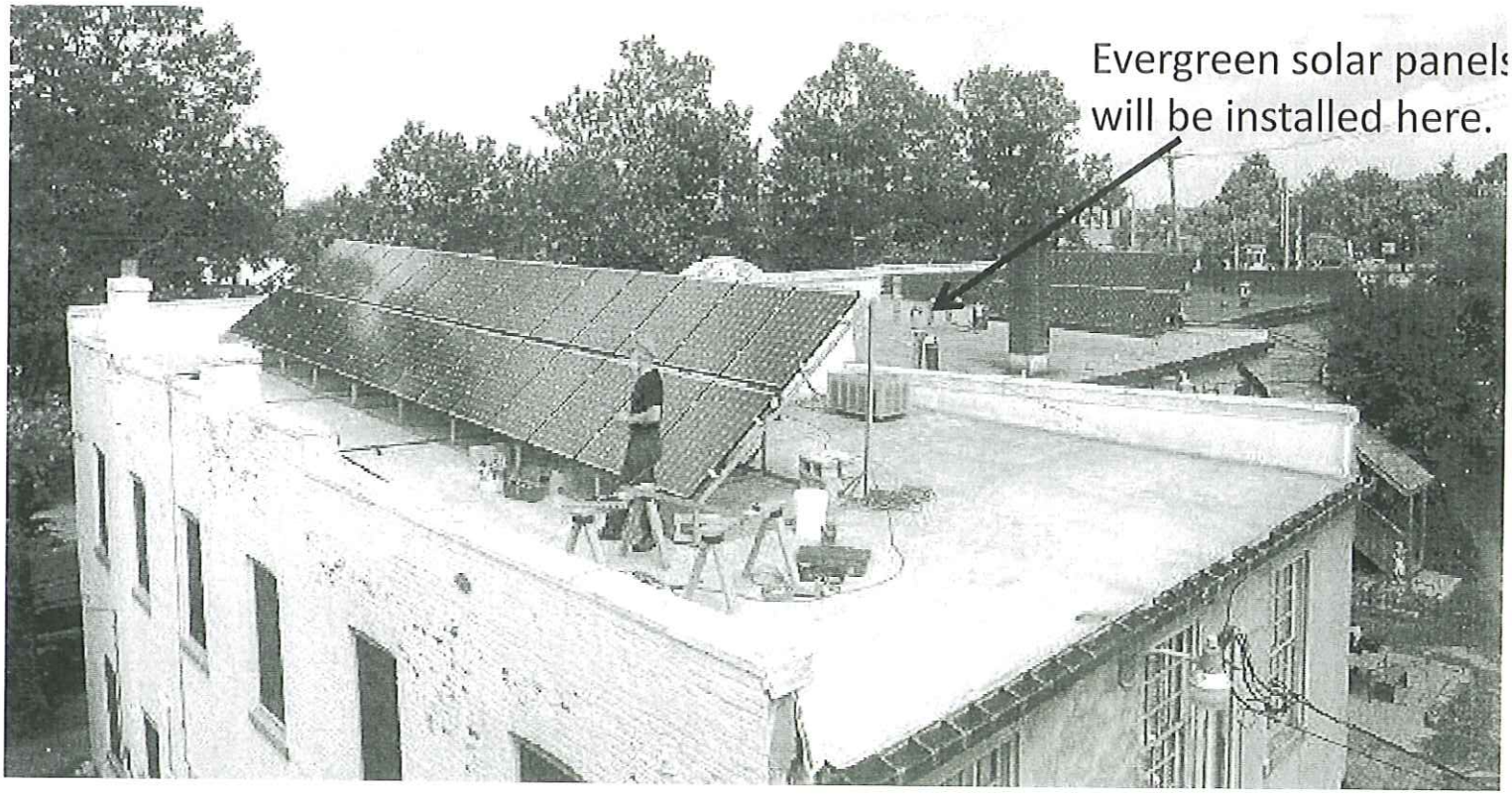
7/5/12
Date

Describe in detail all work to be done on this permit application.

Note: In addition to plans, a copy of a certified survey is also required for construction of all new buildings, additions, garages, carports, pole barns, fences, sheds, parking lots, etc. Permits will not be issued without the required certified survey.

This building permit is to add 4KW of photovoltaic solar panels to the roof of the Ypsilanti Food Cooperative and tie it into the store's 3-phase electrical system. The solar panels with be mount on a steel rack tip at 38 degrees to the horizon and weighted done on the roof with concrete block and guide wires. The power with be run within electrical conduit down the outside of the building along the back wall and enter the building on the North-East corner. After entering the building, it will be tied into the store's main 3-phase power service panel.

Ypsilanti Food Cooperative 4KW
Evergreen Solar Installation
4.0KW Roof Mount



Dave Strenski
June 30, 2012

System Summary

This system will consist of 18 Evergreen ES-E 220-watt solar panels, EnPhase 215-watt Micro-inverters and a roof mount rack made from UniStrut. The system will be installed on the Ypsilanti Food Cooperative roof between the River Street Bakery panels and the Ypsilanti Food Cooperative's Sanyo solar panels.

Contact/Shipping Information

The billing address for this project is

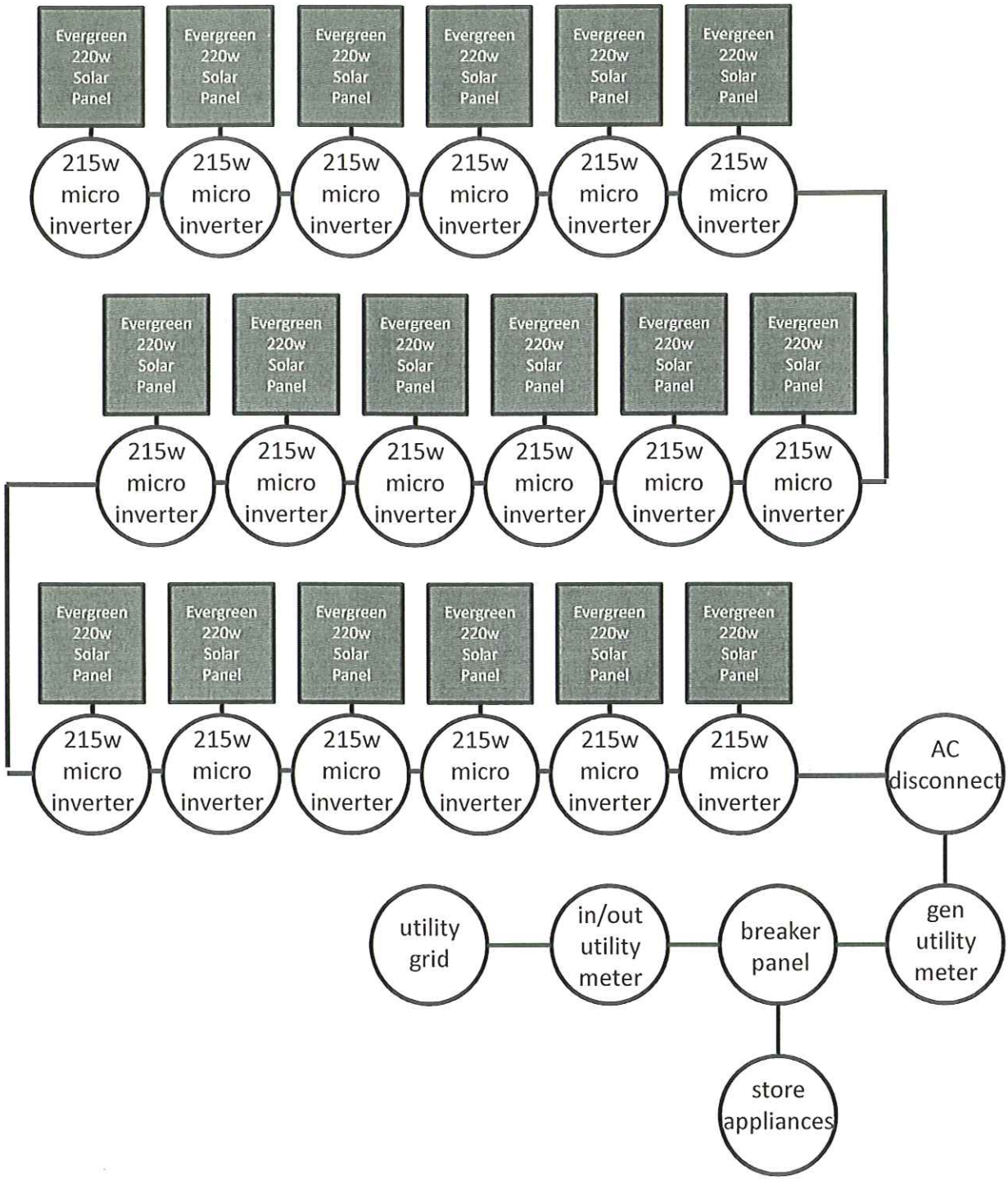
Ypsilanti Food Cooperative
c/o Corinne Sikorski – Store manager
312 River Street
Ypsilanti, MI 48198
Phone: 734-483-1520
Email: corinne@ypsifoodcoop.org

Technical questions should be directed to

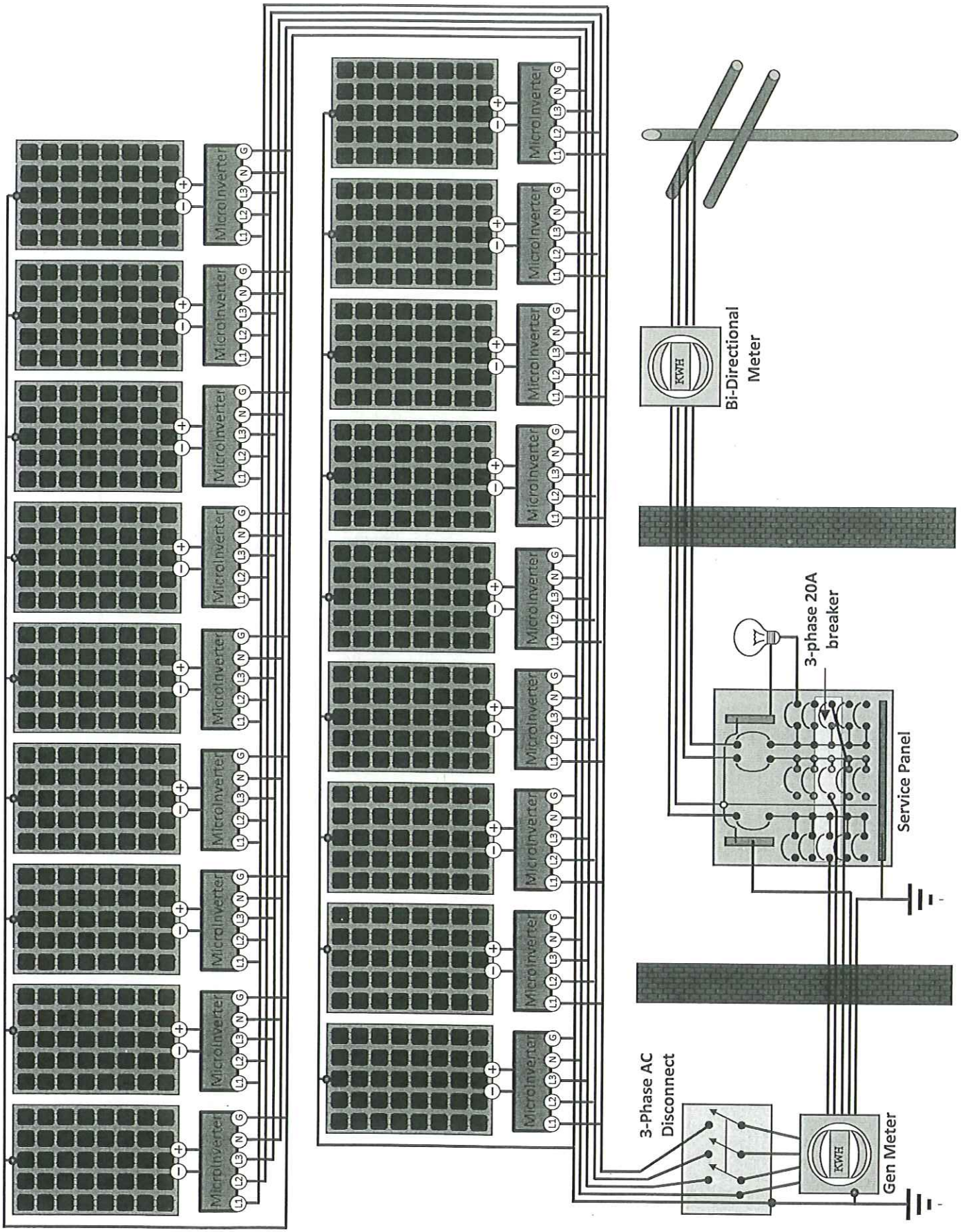
SolarYpsi.org
c/o Dave Strenski
Phone: 734-480-1587
Email: Dave@Strenski.com

System Line Diagram

This system will consist of 18 Evergreen ES-E 220-watt solar panels with EnPhase 215-watt Micro-inverters wired in parallel with 5 wires, 3 hot, 1 neutral, and 1 ground.



System Schematic



System Parts List

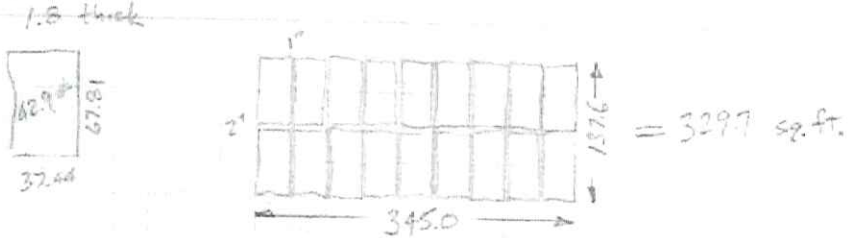
Part	Quantity	$/unit	Total
Panels/Inverter			
Evergreen ES-E 220-watt solar panels	18		$ 3,378.80
EnPhase 215-watt micro-inverter	18		
Enphase Communication Gateway	1		
Rack Top Clamps	18 sets		
Shipping sales tax	1		$ 4,031.76
Rack			
Unistrut Material	1		$ 1,611.84
Concrete block	40	$3.00	120.00
Tie down cables and hardware	2	$30.00	$ 60.00
Grounding			
Grounding rod, needed to ground the rack	1	$15.00	$ 15.00
Grounding wire, 500 feet spool	1	$200.00	$ 200.00
Lighting arrestor, one for each string	3	$60.00	$ 180.00
Wiring			
AC disconnect	1	$50.00	$ 50.00
10 gage, THHN stranded wire (red) 500′	1	$100.00	$ 100.00
10 gage, THHN stranded wire (black) 500′	1	$100.00	$ 100.00
10 gage, THHN stranded wire (green) 550′	1	$100.00	$ 100.00
Conduit, conduit connectors 1″x10′	10	$5.00	$ 50.00
Permits			
Building permit	1	$100.00	$ 100.00
Electrical permit	1		
HDC permit	1	20.00	$ 20.00
DTE Energy co-generation permit	1	$100.00	$ 100.00
	Total		$10,217.40
			$2.55/watt
30% Federal tax credit			$(3,065.22)
	Actual cost		$ 7,152.18
			$1.79/watt

Ypsi Food Coop #2

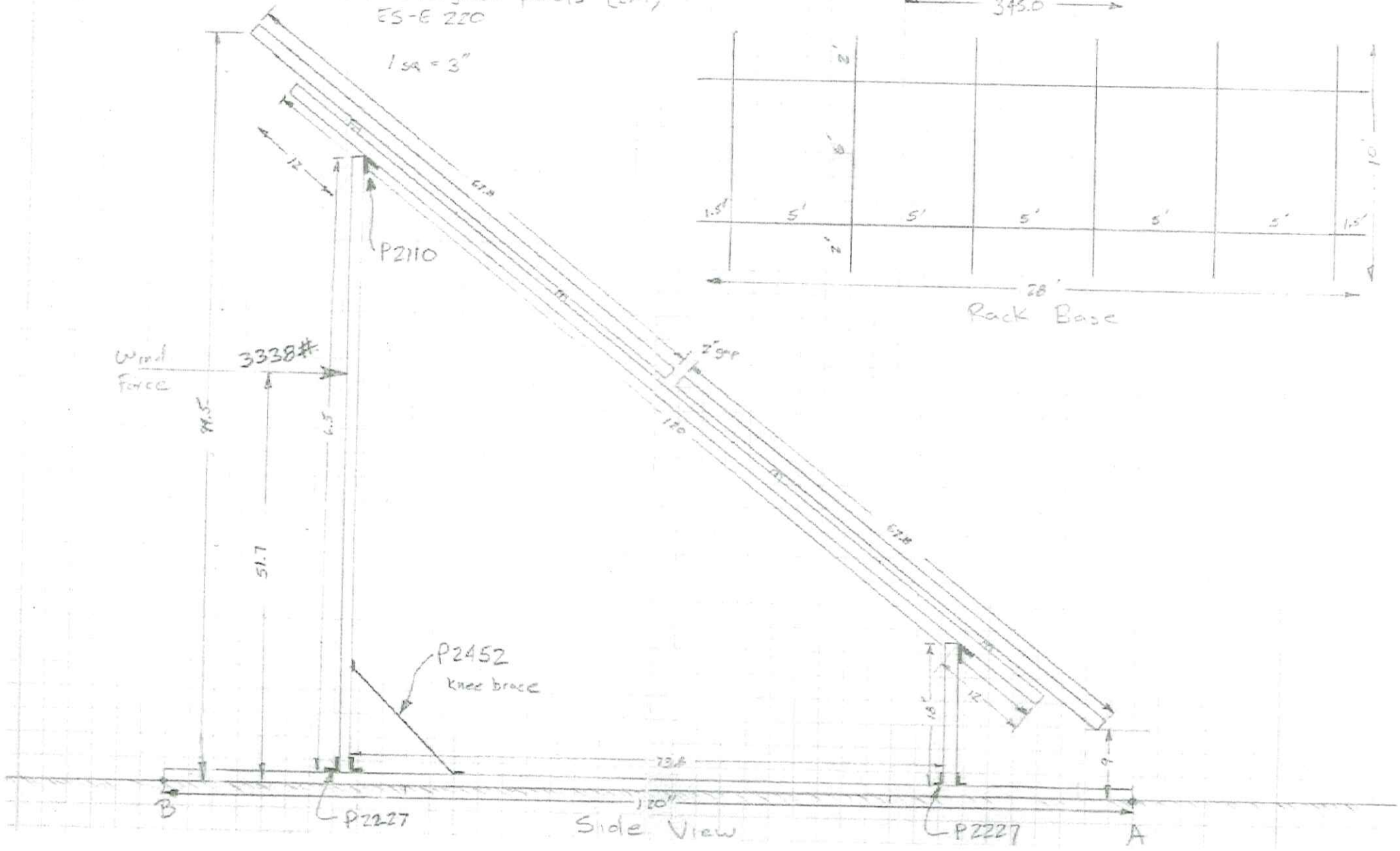
Solar Installation

18 Evergreen panels (2x9)
ES-E 220

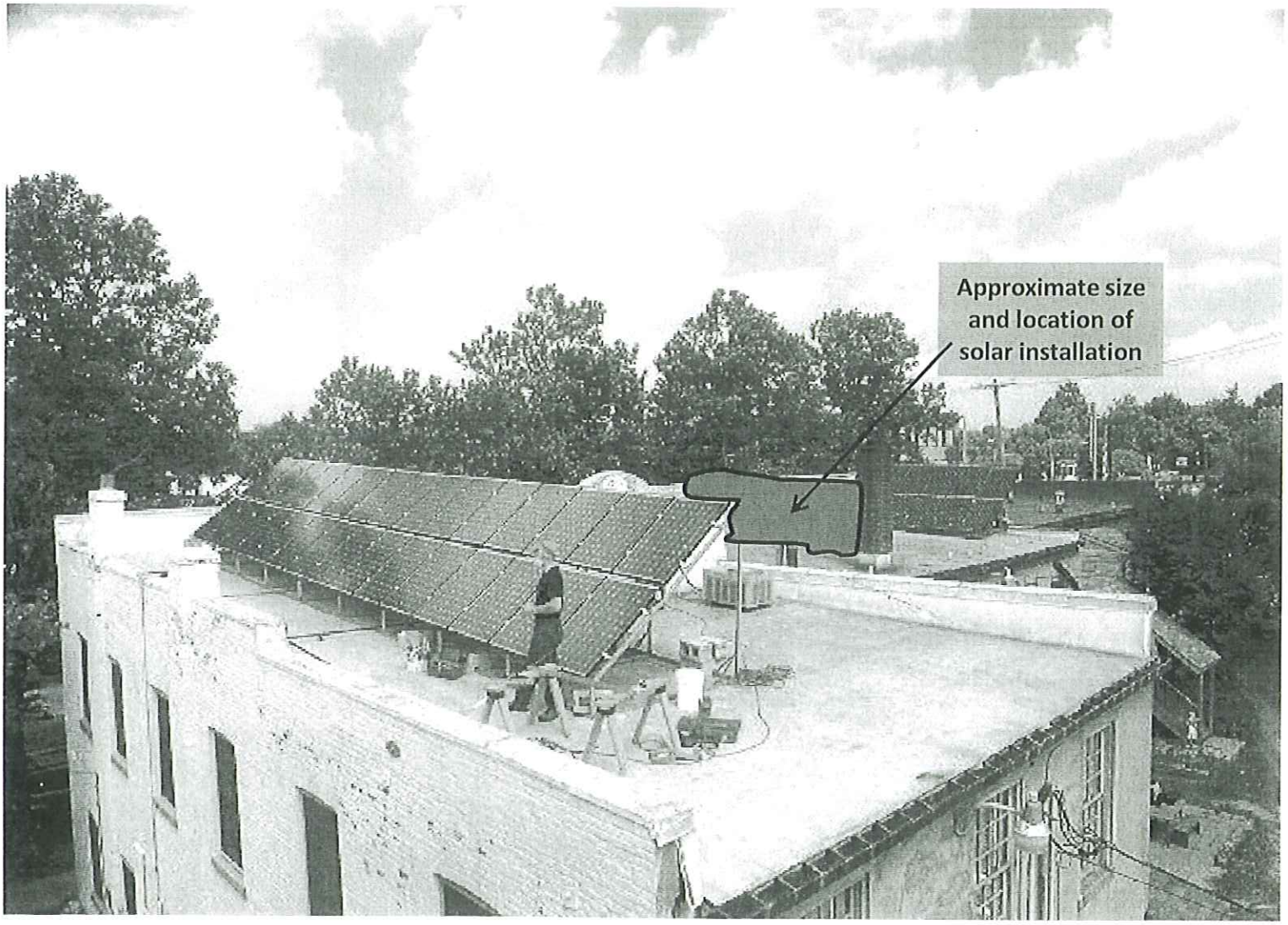
1 sq = 3"

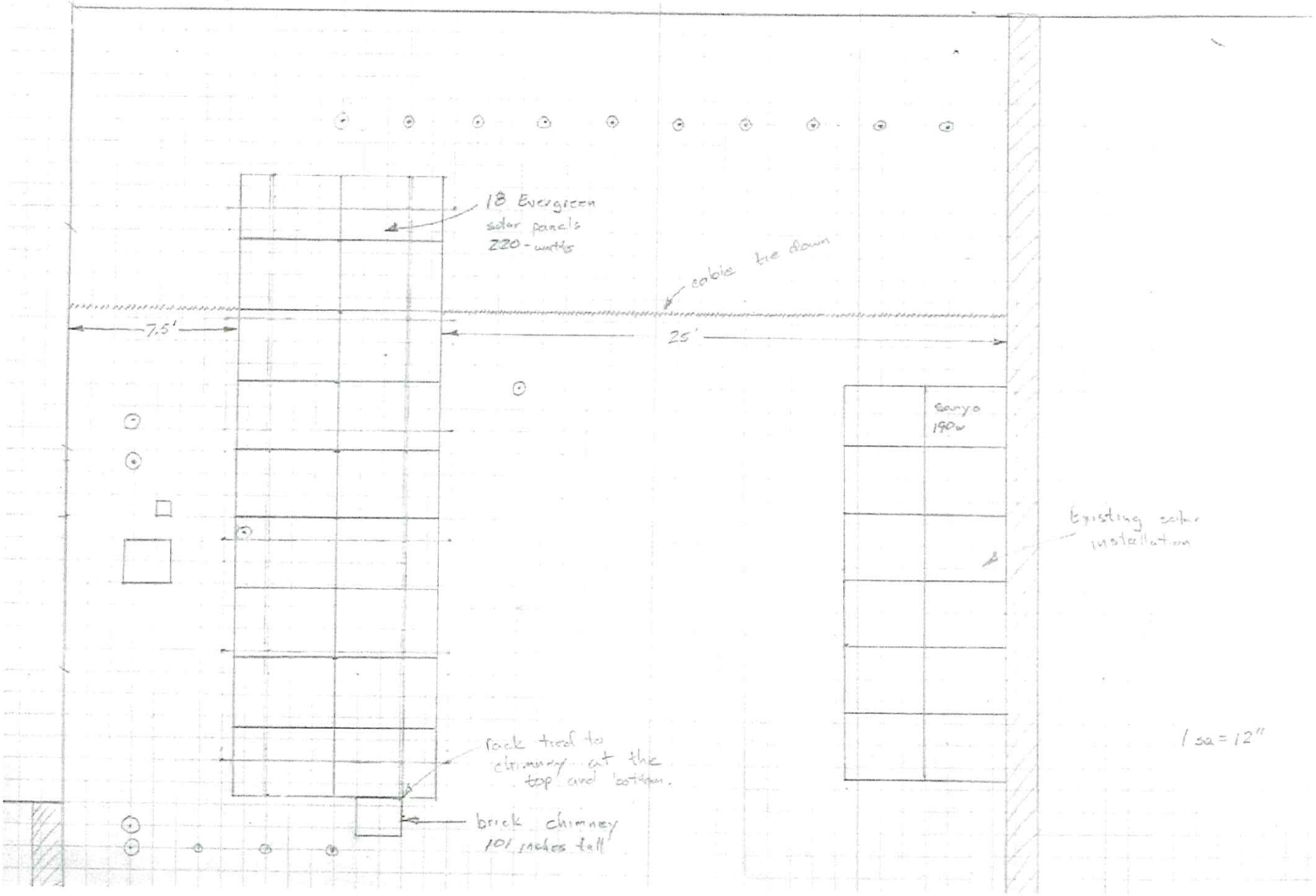


Rack Base



System Location (312 River Street)




18 Evergreen
solar panels
220-watts
cable tie down
7.5'
25'
Sanyo
190w
existing solar
installation
rack fixed to
chimney cut the
top and bottom.
brick chimney
101 inches tall
1 sq = 12"

North
Winter sun at 19°
Summer sun at 65°
Sun at 42°
4 kW Evergreen Panels
Summer sun at 65°
Sun at 42°
Winter sun at 19°
2.3 kW Sanyo Panels

ES-E SERIES
photovoltaic panels

210, 215, 220 & 225 W

evergreensolar

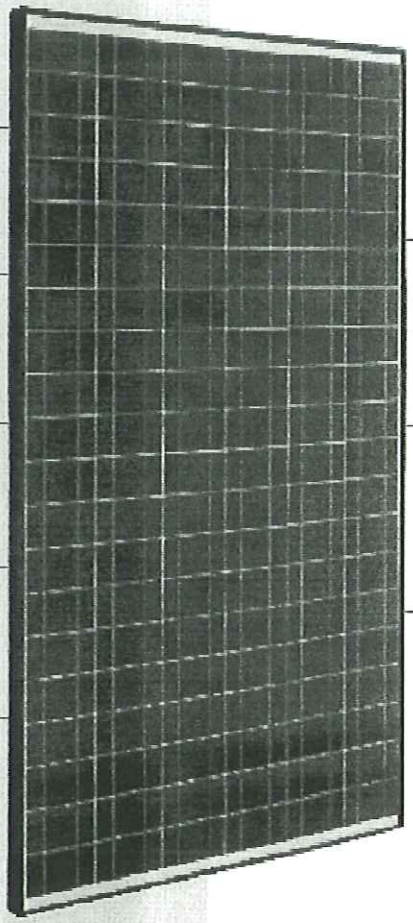
CERTIFIED FOR COASTAL INSTALLATIONS

MORE electricity

Our ES-E series panels have one of the best power tolerances in the industry (-0/+5 W) and consistently deliver more electricity than competitors in field tests.

LESS impact

Evergreen Solar String Ribbon® panels have the smallest carbon footprint and fastest energy payback of any silicon-based solar panel ever made.



POSITIVE POWER TOLERANCE[1]
The rated power is the minimum so you never get less power than you pay for.

INDEPENDENTLY VERIFIED POWER[2]
Four independent test labs regularly check panel power to make sure you get the power we promise.

ANTI-REFLECTIVE GLASS
Delivering 2–3% more electricity compared to panels with standard glass.

TEMPERATURE RATINGS OVER 90%[3]
Maintaining up to 4% higher output than most other crystalline silicon panels under hot conditions.

MICRO-INVERTER COMPATIBLE
Panel voltage compatible with state-of-the-art micro-inverters used to improve performance of residential systems.

SMALLEST CARBON FOOTPRINT[4]
Our String Ribbon® wafers are made with a fraction of the emissions that result from making conventional silicon panels.

12-MONTH ENERGY PAYBACK[4]
Our panels begin generating truly clean electricity faster than any other silicon-based panel on the market.

100% CARDBOARD-FREE REUSABLE PACKAGING
Reduces disposal costs and on-site manpower while eliminating tons of landfill.

PV CYCLE

1 Guaranteed upon initial delivery of the panel to the customer; maximum power up to 4.99 W above nameplate rating. 2 Power regularly calibrated by taking the straight average of test data from NREL, TÜV Rheinland PTL, TÜV Rheinland Cologne and Fraunhofer ISE; 3 Based on comparing PTC/STC ratings of major competing multi-crystalline silicon brands

4 Evaluation completed by the Energy Research Foundation of the Netherlands (ECN), May 2009

STRING RIBBON® SOLAR PANELS OFFERING EXCEPTIONAL PERFORMANCE AND INDUSTRY-LEADING ENVIRONMENTAL CREDENTIALS. IN SHORT, MORE ELECTRICITY AND LESS IMPACT.

All Evergreen ES-E panels come with a 10 year workmanship and 25 year limited power warranty. For full details see the Evergreen Solar Limited Warranty available upon request or online. This product is designed to meet UL 1703, UL 4703, UL Fire Safety Class C, IEC 61215 Ed.2, IEC 61730 Class A and IEC 61701 (salt mist corrosion) standards. Evergreen Solar and String Ribbon are registered trademarks of Evergreen Solar, Inc. Evergreen Solar's wafer manufacturing technology is patented in the United States and other countries. *Copyright © Evergreen Solar, Inc 2011.*

IEC

c ETL us

ELECTRICAL characteristics

Standard Test Conditions (STC)[1]

	ES-E-210 -fc3[2]	ES-E-215 -fc3[2]	ES-E-220 -fc3[2]	ES-E-225 -fc3[2]	
P_{mp}[2]	210	215	220	225	W
$P_{tolerance}$	-0/+4.99 (-0/+2.4)	-0/+4.99 (-0/+2.3)	-0/+4.99 (-0/+2.3)	-0/+4.99 (-0/+2.2)	W (%)
$P_{mp,max}$	214.99	219.99	224.99	229.99	W
$P_{mp,min}$	210.00	215.00	220.00	225.00	W
P_{PTC}[3]	186.6	191.9	196.6	201.1	W
η_{min}	12.8	13.1	13.4	13.7	%
V_{mp}	28.7	29.0	29.2	29.6	V
I_{mp}	7.32	7.43	7.54	7.65	A
V_{oc}	35.4	35.6	35.9	36.1	V
I_{sc}	8.01	8.12	8.22	8.33	A

Nominal Operating Cell Temperature Conditions (NOCT)[4]

T_{NOCT}	45.4	45.4	45.4	45.4	°C
P_{mp}	153.8	157.5	161.2	164.9	W
V_{mp}	26.3	26.6	26.7	26.9	V
I_{mp}	5.88	5.95	6.03	6.11	A
V_{oc}	32.6	32.9	33.2	33.5	V
I_{sc}	6.41	6.52	6.63	7.73	A

Low Irradiance

The typical relative reduction of panel efficiency at an irradiance of 200 W/m² both at 25°C cell temperature and spectrum AM 1.5 is 0%.

Temperature Coefficients

γP_{mp}	-0.43	%/°C
βV_{mp}	-0.40	%/°C
αI_{mp}	-0.03	%/°C
βV_{oc}	-0.31	%/°C
αI_{sc}	0.05	%/°C

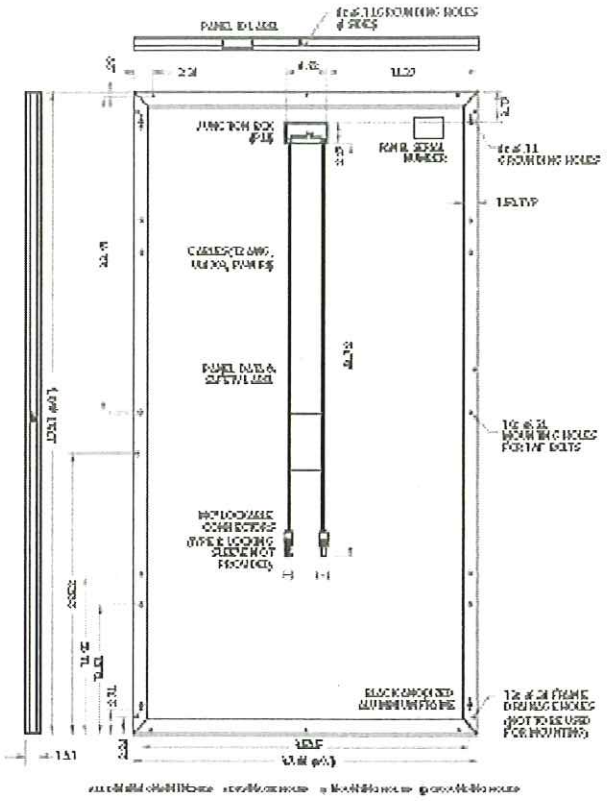
System Design

Series Fuse Rating[5]	15 A
UL Rated System Voltage	600 V

*1 1000 W/m², 25°C cell temperature, AM 1.5 spectrum; 2 Maximum power point at rated power; 3 At PTC (PVUSA Test Conditions): 1000 W/m², 20°C ambient temperature, 1 mile/hr wind speed; 4 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum; 5 As per standards in National Electrical Code; 6 Cell colors may vary due to our ability to produce multiple shades to meet customer requirements; 7 Per IEC 61215. When using Mounting Method 1 (attaching with clips to 2 sides of the panel) to QC 4 holes must be used from each short side of the panel as described in the Mounting Guide for this product; 8 Per UL 1703 when using long side and mounting at three support rail mounting as described in the Mounting Guide for this product; 9 Per IEC 61215; * T—tinned, U—medium to high density, S—medium (untinned) with blank holes, B—with back rails*

ELECTRICAL EQUIPMENT
CHECK WITH YOUR INSTALLER

MECHANICAL specifications



External Dimensions	67.8" X 37.5" X 1.81" / 1722.5 x 953.0 x 46 mm
Weight	42.9 lbs.
Solar Cells[6]	120 Multi-Crystalline Silicon String Ribbon®
Frame	Black Anodized Aluminum—Doubled Walled
Front Cover	Anti-Reflective Tempered Solar Glass 1/8" Thickness
Encapsulant / Back Cover	EVA / White TPE
Maximum Certified Snow Load[7]	90 lbs./ft²
Maximum Combined Wind & Snow Load[8]	90 lbs./ft²
Hailstone Impact Test[9]	ø1" (25 mm) ice ball at 52 miles/h (83 km/h)

The above drawing is a graphical representation of the product; for engineering quality drawings please contact Evergreen Solar. MC® is a registered trademark of Multi-Contact AG. Product constructed with 120 poly-crystalline silicon String Ribbon® solar cells, anti-reflective tempered solar glass, EVA encapsulant, polymer back-skin and a black anodized double-walled aluminum frame. Product packaged 26 per pallet and tested to International Safe Transit Association (ISTA) Standard 2B. All specifications in this product information sheet conform to EN 50380. See the Evergreen Solar Safety, Installation and Operation Manual, Mounting Guide and Inverter Selection Guide for further information on approved installation and use of this product.

PARTNER

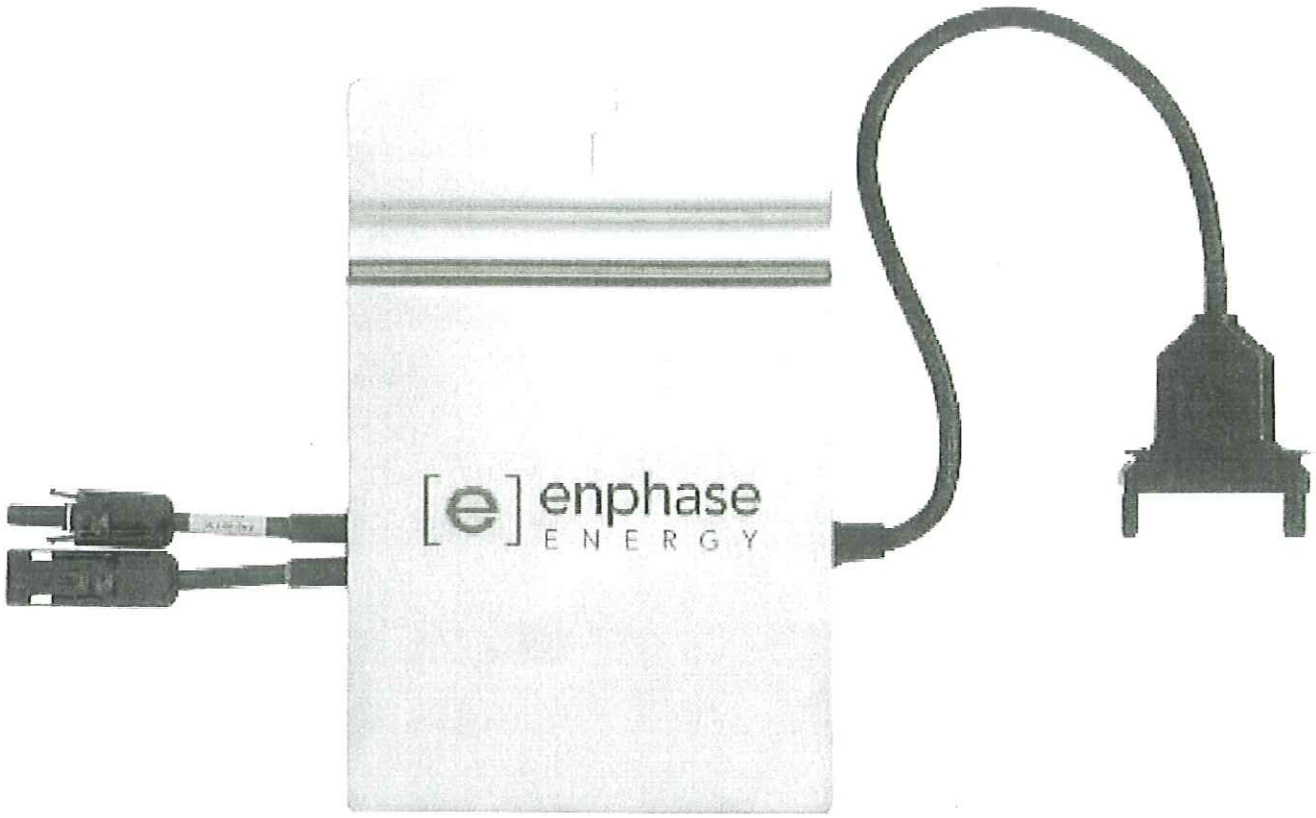
Evergreen Solar Inc.
www.evergreensolar.com

WORLDWIDE HEADQUARTERS
Evergreen Solar Inc.
138 Bartlett Street, Marlboro, MA 01752, USA
T +1.508.357.2221 F +1.508.229.0747
info@evergreensolar.com

CUSTOMER SERVICE Americas and Asia
Evergreen Solar Inc.
138 Bartlett Street, Marlboro, MA 01752, USA
T +1.508.357.2221 F +1.508.229.0747
sales@evergreensolar.com

M215—MICROINVERTER

[e] enphase ENERGY



The Enphase Energy Microinverter System improves energy harvest, increases reliability, and dramatically simplifies design, installation and management of solar power systems.

The Enphase System includes the microinverter, the Envoy Communications Gateway, and Enlighten, Enphase's monitoring and analysis software.

PRODUCTIVE
- Maximum energy production
- Resilient to dust, debris and shading
- Performance monitoring per module

RELIABLE
- System availability greater than 99.8%
- No single point of system failure

SMART
- Quick and simple design, installation and management
- 24/7 monitoring and analysis

SAFE
- Low voltage DC
- Reduced fire risk

C SP US

M215 — MICROINVERTER TECHNICAL DATA

Input Data (DC)	M215-60-2LL-S22/S23 and M215-60-2LL-S22-NA/S23-NA (Ontario)
Recommended input power (STC)	190 - 260W
Maximum input DC voltage	45V
Peak power tracking voltage	22V - 36V
Operating range	16V - 36V
Min./Max. start voltage	22V/45V
Max. DC short circuit current	15A
Max. input current	10.5A

Output Data (AC)	@208 Vac	@240 Vac
Maximum output power	215W	215W
Nominal output current	1.0A (arms at nominal duration)	0.9A (arms at nominal duration)
Nominal voltage/range	208V/183-229V	240V/211-264V
Extended voltage/range	208V/179-232V	240V/206-269V
Nominal frequency/range	60.0/59.3-60.5 Hz	60.0/59.3-60.5 Hz
Extended frequency range	60.0/59.2-60.6 Hz	60.0/59.2-60.6 Hz
Power Factor	>0.95	>0.95
Maximum units per 20A branch circuit	25 (three phase)	17 (single phase)
Maximum output fault current	1.05 Arms, over 3 cycles; 25.2 Apeak, 1.74ms duration	

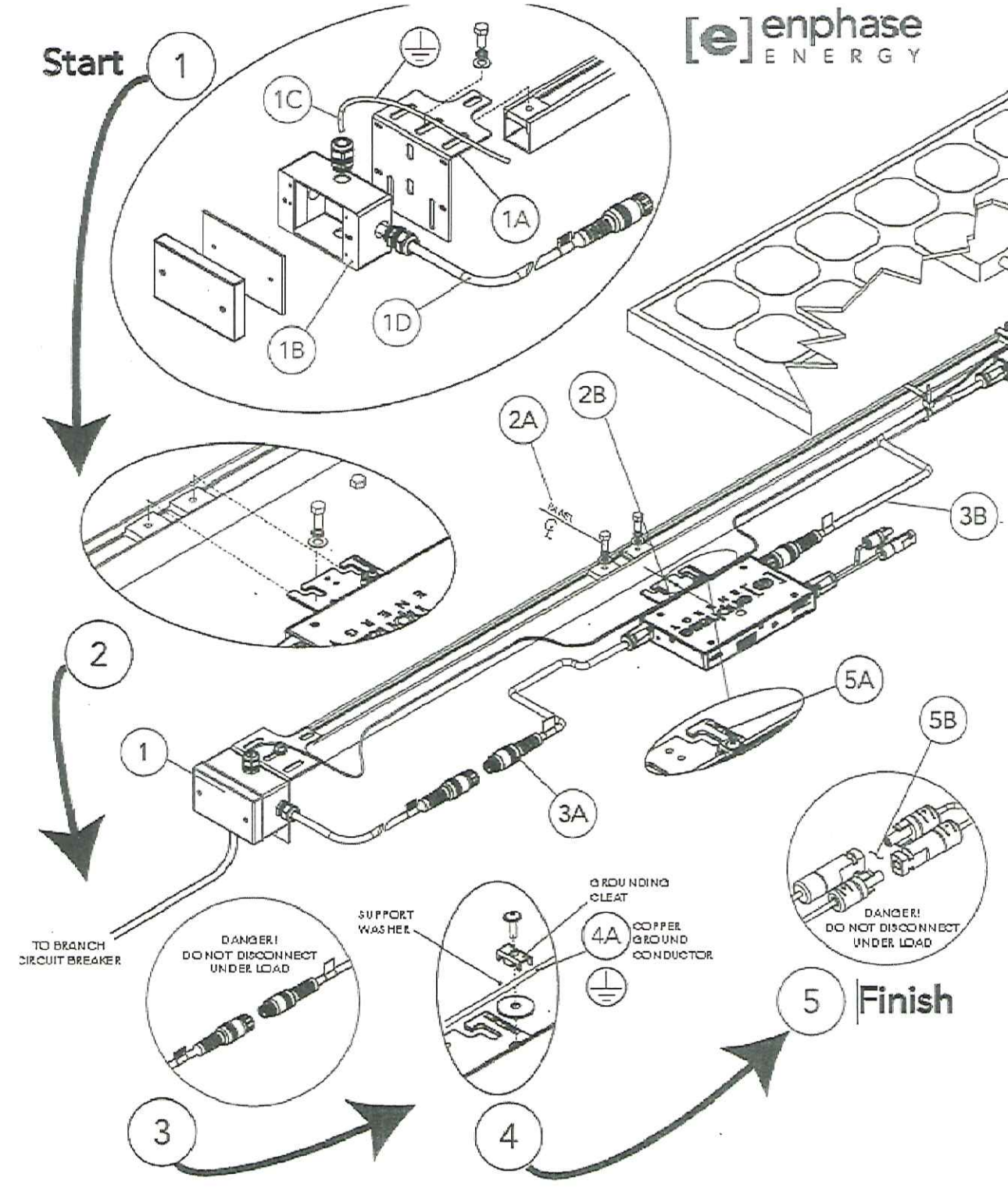
Efficiency	
CEC weighted efficiency	96.0%
Peak inverter efficiency	96.3%
Static MPPT efficiency (weighted, reference EN50530)	99.6%
Dynamic MPPT efficiency (fast irradiation changes, reference EN50530)	99.3%
Night time power consumption	46mW

Mechanical Data	
Ambient temperature range	-40°C to + 65°C
Operating temperature range (internal)	-40°C to + 85°C
Dimensions (WxHxD)	17.3 cm x 16.4 cm x 2.5 cm (6.8" x 6.45" x 1.0")*
Weight	1.6 kg (3.5 lbs)
Cooling	Natural convection - No fans
Enclosure environmental rating	Outdoor - NEMA 6

* without mounting bracket

Features	
Compatibility	Pairs with most 60-cell PV modules
Communication	Power line
Warranty	25-year limited warranty
Monitoring	Free lifetime monitoring via Enlighten software
Compliance	UL1741/IEEE1547, FCC Part 15 Class B CAN/CSA-C22.2 NO. 0-M91, 0.4-04, and 107.1-01

Enphase Energy, Inc
201 1st Street
Petaluma, CA 94952
Phone: 877-797-4743
Fax: 707-763-0784
info@enphaseenergy.com
http://www.enphase.com



[e] enphase ENERGY

WARNING: All electrical installations must be done in accordance with local electrical codes and the National Electrical Code (NEC), ANSI/NFPA 70. See product manual for detailed installation instructions.

TOOLS REQUIRED

#2 phillips screw driver
Sockets, wrenches for mounting hardware
Torque wrench
Crescent wrench or open ended wrench (for cord grips)
Tool for PV module locking connectors

INSTALLATION PROCEDURE

1 **1A** Install the Enphase adapter plate.
1B Mount an outdoor rated junction box to the adapter plate.
1C Pull continuous ground conductor through the junction box
1D Connect the Enphase AC interconnect cable to the junction box.

2 **2A** Mark the approximate centers of each PV module on the racking system.
2B Attach the Enphase Micro-inverter using the racking manufacturer's hardware.
It is recommended that the micro-inverter be mounted toward the edge of the array if possible for easy access to cable connectors. The micro-inverter may be mounted with either side up in order to orient the male pinned AC connector to the grid connection.

3 **3A** Connect the first Enphase Micro-inverter to the Enphase AC interconnect cable.
3B Connect the remaining Enphase Micro-inverters to the branch circuit. Ensure that the connectors are securely locked. Please see the product label for the maximum allowable number of Enphase Micro-inverters on one branch circuit.
3C Attach the included protective end cap onto the unused connector of the last Enphase Micro-inverter.

4 **4A** Connect the ground conductor to each Enphase Micro-inverter in the location marked "Grounding Electrode Terminal". Refer to the user manual for alternative grounding methods.
4B Torque the ground clamp screw to 20 inch-pounds.

5 **5A** Peel the removable serial number label from each Enphase Micro-inverter and place the label on the Enphase installation map to show the relative physical location of the PV modules. Provide the installation map to Enphase after completion.
5B Connect the PV module to the Enphase Micro-inverter.

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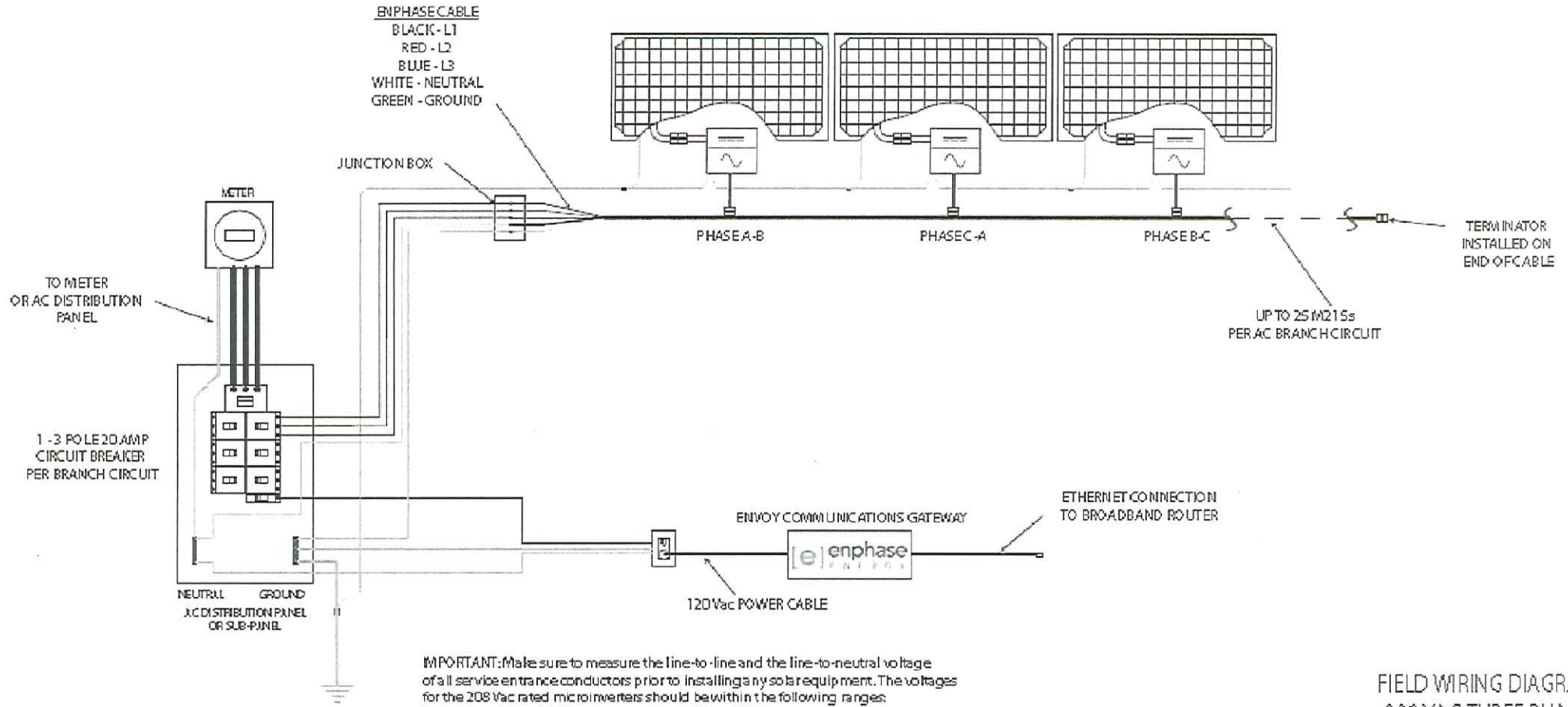
[e] enphase ENERGY
ENPHASEENERGY.COM

QUICK INSTALL GUIDE

140-00017
REVISION
02



IMPORTANT: Make sure to measure the line-to-line and the line-to-neutral voltage of all service entrance conductors prior to installing any solar equipment. The voltages for the 208 Vac rated microinverters should be within the following ranges: line to line - 183 to 229 Vac, line to neutral - 106 to 132 Vac.

FIELD WIRING DIAGRAM
208 VAC THREE PHASE

SUN ELECTRONICS

Sales Order

511 NE 15th Street
Miami, FL 33132

Phone: (305) 536-9917
Fax: (305) 371-2353

Date	S.O. No.
11/15/2011	20092

Name / Address	Ship To
Dave Strenski 323 Oak Street Lanti MI 48198	Dave Strenski 323 Oak Street Lanti, MI 48198

P.O. No.	Rep	Payment Method	Ship Via	Ship Date	FOB
	VA	Credit Card	Freight	11/15/2011	Miami

Item	Description	Ordered	Price Each	Amount
ES-E-220-FC3B	Evergreen ES-E 220W Black Frame - ETL-CE-CEI "B"	18	171.60	3,088.80
Shipping & Hand...	Shipping & Handling		290.00	290.00

Subtotal	$3,378.80
Sales Tax (7.0%)	$0.00
Total	$3,378.80

UNISTRUT®

The Original Metal Framing

QUOTE

Date: June 30, 2012

1275 Hillsmith Dr.
Cincinnati, OH 45215
Phone: 800-586-4787 Fax: 800-465-8039
mikehoff@unistrut.biz

VISIT OUR NEW WEBISTE:
WWW.UNISTRUT.BIZ

TO Strensky-

SALESPERSON	JOB	PAYMENT TERMS	DUE DATE
Mike Hoff		Due on receipt	

QTY	DESCRIPTION	UNIT PRICE	LINE TOTAL
260'	P1000T 20HG (Cut to size)	2.75	
120'	P3300 20HG	2.50	
8	P1067 EG	4.52	
12	P2227 EG	13.67	
12	P2110 EG	5.22	
10	P2452 EG	17.00	
124	HHCS050094 EG	.25	
124	P3013 EG	.85	
24	HHCS037100 EG	.20	
24	P3008 EG	.85	
24	HFLW037 EG	.10	

All fittings would be hot-dipped equivalent cold galvanized sprayed. Channel would be hot-dipped and the cut ends cold galvanized.

SUBTOTAL	
SALES TAX	
TOTAL	

Quotation prepared by: Michael Hoff _____

This is a quotation on the goods named, subject to the conditions noted below: This quote does NOT include taxes, applicable freight charges unless specifically mentioned. Terms are good for 90 days from time of issue. Please call with any questions: 1-800-586-4787

To accept this quotation, sign here and return: _____

THANK YOU FOR YOUR BUSINESS!

s·u·r energy

Suburban - Urban - Rural

Design, Sales, and Installation of Renewable Energy Systems

SOLAR ELECTRIC COMPONENTS - PROPOSAL

November 17, 2011

Attn: Dave Strenski
stren@cray.com

Dave:

We are pleased to offer the grid tied solar electric (PV) components described below.

- 18 Enphase M215, MC4 connectors (for Evergreen modules)
- 1 Enphase Envoy Communication Gateway
- 32 Unirac Mid Clamps, size F (for Evergreen)
- 8 Unirac End Clamps, size F (for Evergreen)
- 2 Hours labor
- Shipping
- Tax (if it's for a non-profit, this can be waived)

Solar Electric Components as listed above				
Wattage	Purchase Price	6% MI Sales Tax	Total	Dollars/Watt
N/A	$3,806.72	$225.04	$4,031.76	N/A

221 BUENA VISTA AVE · ANN ARBOR, MI · 48103
PHONE: (734)-913-9944 · FAX: (734)-913-9915

Rec. 14924
Chk 166098

Ypsilanti Historic District

Work Permit Application

Date filed 7/17/12 for HDC meeting date _____

Action item ☑ Study item ☐ *Action items require payment of the application fee. There is no fee to submit a study item for discussion.*

Property Address 5 WEST FOREST

Applicant ☑ Owner ☐ Architect ☐ Contractor

Name RAINBOW REHABILITATION CENTERS - WILLIAM CARLTON

Address 38777 SIX MILE ROAD

City LIVONIA State MI Zip 48152

Phone 734-482-1200 X1046 Fax 734-482-3202

E-mail WILLIAM.CARLTON@RRCIWEB.COM

Owner _____
(If different than applicant)

Who will perform the work? ☐ Owner ☑ Contractor

Contractor (Name, address, phone) HURON SIGN 663 SOUTH MANSFIELD YPSILANTI 48198 734-483-2000

Action items only:
Construction Cost 1554.70 **Permit Application Fee** 25.00
The permit fee is $20 plus $5 for each (or any portion of) $3000 of construction cost. Payment is due at the time of application.

To complete this application:

1. On the reverse side, summarize the work proposed, list the main materials to be used, and (if relevant) indicate the color scheme planned.
2. Attach the following documents:
   a. Photo(s) showing all locations where work is proposed
   b. Paint color chips (if relevant)
   c. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components
   d. Dimensioned drawings of any new construction or modifications to existing structures
   e. A site plan, if proposal is for work on the grounds and not just the structure (e.g., installing an air conditioning system compressor). For fences, new structures, or work that will alter the footprint of existing structures, a photocopy of the mortgage survey with proposed changes indicated is required.

Submit the completed application to the City of Ypsilanti Building Department, 1 South Huron Street, along with the application fee if you wish the HDC to consider the proposal as an action item, not a study item.

Incomplete applications will not be considered.

For additional information, or if you have questions, contact the City of Ypsilanti Planning and Development Department, 734.483.9646, hdc@cityofypsilanti.com.

Ypsilanti Historic District Work Permit Application

Date filed _____ for HDC meeting date _____

Property Address 5 WEST FOREST

Applicant RAINBOW REHABILITATION CENTERS

Description of proposed work *(see sample applications)*

INSTALL STUD MOUNTED FLAT ALUMINUM SIGN ON BUILDING FACE AS INDICATED ON ATTACHED SHEET.

INSTALL LETTERING ON 2 SIDE WINDOWS AS INDICATED ON ATTACHED GRAPHIC SHEET

Materials

ALUMINUM- BUILDING FACE

VINYL- WINDOW LETTERING

Colors (Attach color chips or samples)

Body _____ Accent 1 _____

Trim _____ Accent 2 _____

Roof _____ Other _____

☑ This property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended. (Compliance with this act must be certified to complete this application.)

I hereby attest that the above information is accurate. I am authorized to and hereby grant permission to the City of Ypsilanti and its staff to be on my property for the purposes of preparing reports, taking photographs, and/or evaluating and reviewing this application.

Signature of Applicant

7-17-18
Date

H·U·R·O·N S·I·G·N · Co

Quotation

Bill To:
Rainbow Rehabilitation
5 Forest Street
Ypsilanti, MI 48198
Contact:
Bill Carlton

Job: 8348

Date: July 9, 2012

Project Description:
New exterior signage
Consultant:
Jim Anderson

x.

Furnish (1) set of 15" h x 1/8" thick flat cut out aluminum letters, stud mounted flush to the brick wall. To read: Rainbow	315.00
Furnish (1) set of 4-5/8"h x 1/8"thick flat cut out aluminum letters, same as above to read: Rehabilitation Centers. Both sets painted white per drawing.	340.00
Furnish (1) 22.5 "h x 22.5" w x 1/8" thick flat cut aluminum logo with 4 color decoration. Stud mounted flush to the brick wall	90.00
Furnish (2) sets of window vinyl per drawing, set above the entrance to be all white, the set closer to the street is 4 color with white copy.	145.00
Installation	485.00
Sales tax	44.70
Permit fee	135.00
Total amount	1,554.70

Approval for Production: x _____ ***Date:*** _____

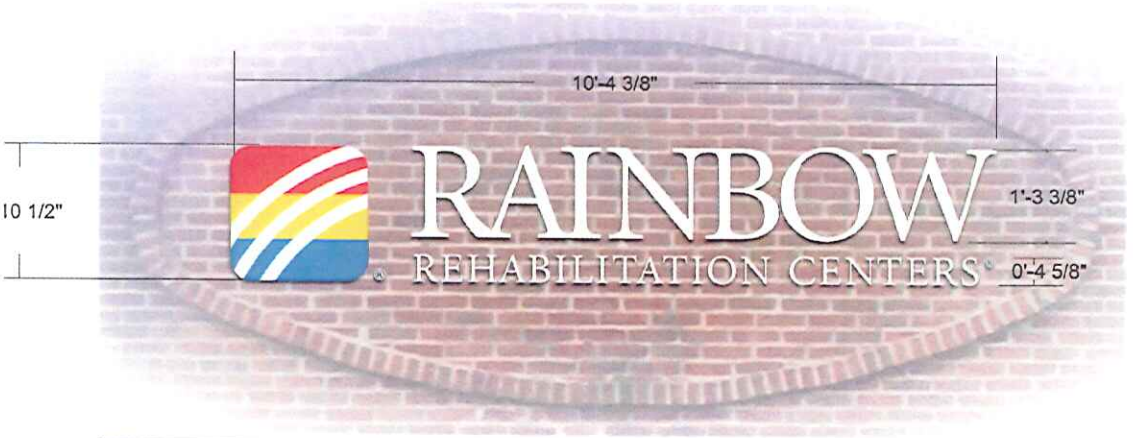
Terms & Conditions:

1. Installation price assumes normal soil conditions. Additional costs may be incurred if problems occur during excavation. (i.e. poor soil conditions, buried objects)
2. Huron Sign Company assumes no responsibility for damage to unmarked sprinkler lines and under ground parking lot lighting systems.
3. Due to the custom nature of the job a 50% deposit will be required
4. Price includes a **One Year Warranty** from the time of installation. Warranty does not cover damage due to fire, weather, traffic accidents or vandalism.
5. Sign finish may degrade if exposed to excessive sprinkler use.

663 S. Mansfield, Ypsilanti, MI 48197 (Shipping)
P.O. Box 980423 Ypsilanti, MI 48198 (Mailing)
Phone 734-483-2000 800-783-0100 Fax 734-483-5164
www.huronsign.com

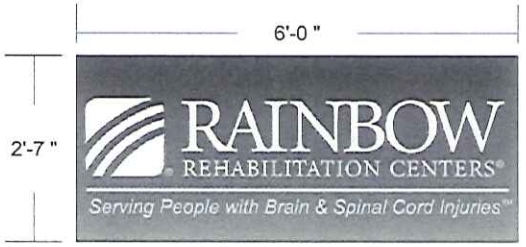
New Sign Package

STUD MOUNTED FLAT CUT ALUMINUM LETTERS



19.43 SQFT

SCALE 1/2" = 1'



NEW VINYL WINDOW GRAPHICS

NOTE
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matcl
color
repre

# OF SETS	1) SIGN 2) VINYL	RETURN DEPTH 1 1/2"	RACEWAY COLOR N.A.	DESIGNER	S WILKIE
FACE COLOR	SEE ABOVE	TYPE OF INSTALL WALL FLUSH	TRANSFORMER N.A.	DATE	06/28/12
RETURN COLOR	WHITE	TYPE OF FACE ALUMINUM	BALLAST N.A.	JOB NO.	8348
RETAINER COLOR	N.A. (BLIND)	RACEWAY D. H. L. N.A.	COMMENTS:	JOB NAME	RAINBOW-8348-6
LED COLOR	N.A.	HOUSINGS N.A.	SALESPERSON: JIM ANDERSON	ADDRESS:	5 W. FOREST YPSILANTI, MI

APPROVED BY:_____ DA

THIS DRAWING IS THE REGISTERED PROPERTY OF HURON SIGN COMPANY. IT IS UNLAWFUL TO REPRODUCE IT IN ANY FORM , WITHOUT WRITTEN CONSENT FROM HURON SIGN COMPANY

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SUBJECT TO MINOR & NE
AID OR ENABLE FAB

THIS DESIGN CONCE

CITY OF YPSILANTI

HISTORIC DISTRICT COMMISSION

MINUTES OF JULY 10, 2012

CALL TO ORDER AND ROLL CALL

Jane Schmiedeke	Chair 7:00 PM
Meeting Location:	City Council Chambers, City Hall
Commissioners Present:	Jane Schmiedeke, Hank Prebys, Michael Condon, Jennifer Henriksen, Alex Pettit
Commissioners Absent:	Ron Rupert, Anne Stevenson
Staff Present:	Connie Locker, HDC Assistant

APPROVAL OF AGENDA

Motion: Prebys (second: Henriksen) moves to approve the agenda with the addition of 220 N. Huron, 209 Washtenaw, and 326 Maple as study items.

Approval: Unanimous. Motion carries.

PUBLIC COMMENT ON AGENDA ITEMS - none

PUBLIC HEARING - none

OLD BUSINESS

306 N. Hamilton

Applicant: Raymond Scherer, owner (not present); John and Taryn Scherer (present)

Discussion: Application is for replacing the faux stained glass panel in the side door with clear glass and remodeling the existing four porch posts after those depicted in the December 2003 photo provided by the Commission.

Prebys explains that the Commission would like to see a detailed list of the changes planned in order to replicate the posts. Given the prior confusion on the design of the posts, the Commission agrees that it would prefer to see drawings, sketches, and a step-by-step list of changes to be made. It notes that providing the HDC with as much detail on the proposed work as possible would be highly beneficial.

Motion: Prebys (Pettit) moves to table the application pending more information considering the porch posts.

Approval: Unanimous. Motion carries.

NEW BUSINESS

314 Oak

Applicant: Rachel Bilstein and Paul Alexander, owners (not present)

Discussion: Application is for the painting of the house and trim. Selected colors include gray for the body of the house, orange trim, and green accents.

Motion: Prebys (Pettit) moves approval for painting to include painting of the house. All paint colors used shall be Benjamin Moore brand as follows: the body shall be "Rockport Gray," the trim "Tropical Orange," and the accent color to be painted on the shutters and door shall be "Dark Celery." Primer used must be oil-based; finish shall be satin or eggshell. No power washing is to be done. Light washing with water at the pressure of a garden hose is acceptable.

Secretary of Interior Standards cited:

#10 – New work shall be removable.

Approval: Unanimous. Motion carries.

STUDY ITEMS

110 North

Applicant: Christine Neufield, owner (present)

Discussion: Application is for replacement of a damaged fence at the property. Applicant would like to get the Commission's input on replacement options. The previous fence was a wooden flat board fence. Applicant would like to replace the fence for safety and privacy, with considerations for the historic nature of the property.

The HDC notes that the replacement fence would need to be painted or stained, with pressure-treated being an option to help preserve the condition of the fence. The Commission prefers that the style of the fence remain simple; replicating what had been there previously would be appropriate.

220 N. Huron

Applicant: Jerry Jennings, representative (present)

Discussion: Application is for painting of the existing ADA access ramp at the Ypsilanti Historical Society. The applicant plans to power wash the existing feature, remove the paint, and repaint it the same color.

The HDC notes that it does not allow power washing within the district.

Motion: Henriksen (second: Prebys) moves to authorize an administrative approval for the repair and repainting of the handicap ramp to on the southeast side of the building. No power washing when cleaning the existing surface. Damaged boards will be replaced, loose boards secured, and the entire ramp will be painted.

Secretary of the Interior Standards cited:

#9 – Contemporary designs shall be compatible and shall not destroy significant original material.
#7 – Clean building gently.
#10 – New work shall be removable.

Approval: Unanimous. Motion carries.

209 Washtenaw

Applicant: Jerry Jennings, representative (present)

Discussion: Application is for repair work on the stained glass at the Methodist Church. Paint around windows will be scraped and repainted, with the existing plastic over the stained glass replaced with glass panels for better ventilation.

The HDC has some question regarding the application's note that the project will include the "re-cementing" of the window to the exterior surface. It asks for additional information regarding this process.

Applicant notes that he will return for the July 24th meeting and offers the Commission the opportunity to look at the stained glass on site themselves.

326 Maple

Applicant: Stuart Bilyeu, owner (present)

Discussion: Applicant is seeking the Commission's opinion on fencing options for his yard to help enclose the space for his dog. He would also like to install a couple of gates to assist with access to the yard. The applicant would prefer farm-style steel wire fencing, similar to what already exists on the west side of the property.

The HDC notes that chain link fencing is not allowed within the district, but wire fencing with wood stakes would be acceptable. The Commission requests that the applicant provide a photo of the fencing, description of where the fence will go, and the proposed dimensions of the fencing.

In addition, the applicant would like to install storm doors on the front and rear doors. The HDC notes that doors as plain as possible would be preferable, with no crossbucks. The Commission would also find a full panel of glass acceptable. Condon notes that wood frame screen doors can also be purchased, although the HDC would not necessarily deny an application for an aluminum frame door. It notes providing a photo of the proposed door(s) would be necessary.

The applicant also asks if a screen door with a dog entry flap on the rear of the house would be acceptable. The HDC notes that it potentially would.

22 N. Huron

Applicant: Michael Condon, contractor (present)

Discussion: Applicant would like to replace two doors on the rear of the building. The owner would like to install a wood door clad in fiberglass for each. The door at the second floor will also be installed with a single sidelight to fill the existing door opening. The door at the third floor will be just a door.

The HDC asks if the sidelight is necessary. Condon explains that in order to provide more light to the second floor and to fill the existing opening, the sidelight is necessary.

ADMINISTRATIVE APPROVALS -none

OTHER BUSINESS

Property Monitoring

HDC Training:

The HDC will undergo a training session on Saturday, July 14. Scheduled presenters include Dr. Ted Ligibel from Eastern Michigan University's Historic Preservation program and John Barr, City Attorney. The session will be held from 9:00 a.m. to noon at SPARK East, 115 W. Michigan.

AUDIENCE PARTICIPATION ON NON-AGENDA ITEMS - none

HOUSEKEEPING BUSINESS

Approval of the minutes of June 26, 2012

Motion: Pettit (second: Prebys) moves to approve as submitted.
Approval: Unanimous. Motion carries.

ADJOURNMENT

Motion: Prebys (second: Pettit) moves to adjourn the meeting.
Approval: Unanimous. Motion carries.

MEETING ADJOURNED AT 8:10

DRAFT