### CITY OF GROSSE POINTE WOODS

#### 20025 Mack Plaza

Zoning Board of Appeal Meeting Agenda Monday, June 2, 2014 7:35 p.m.

- 1. CALL TO ORDER
- 2. ROLL CALL
- 3. ACCEPTANCE OF AGENDA
- 4. PUBLIC HEARING
- A. Dimensional Variance: Wendy R. Barrott and John Lydick, 1984 Fleetwood Drive
  - 1. Application to the Zoning Board of Appeals received 05/02/14
  - 2. Building Permit Application 02/03/14
  - $3. \ \ Memo\ 05/20/14-Building\ Official$
  - 4. Memo 05/20/14 Fire Inspector
  - 5. Photo (1)
  - 6. Grosse Pointe Woods Sec. 50-539(5). Solar energy systems
  - 7. Affidavit of Property Owners Notified
  - 8. Affidavit of Legal Publication
  - 9. Aerial View
- 5. IMMEDIATE CERTIFICATION OF MINUTES
- 6. ADJOURNMENT

Lisa Kay Hathaway City Clerk

# IN ACCORDANCE WITH PUBLIC ACT 267 (OPEN MEETINGS ACT) POSTED AND COPIES GIVEN TO NEWSPAPERS

The City of Grosse Pointe Woods will provide necessary, reasonable auxiliary aids and services, such as signers for the hearing impaired, or audio tapes of printed materials being considered at the meeting to individuals with disabilities. All such requests must be made at least five days prior to a meeting. Individuals with disabilities requiring auxiliary aids or services should contact the City of Grosse Pointe Woods by writing or call the City Clerk's office, 20025 Mack Plaza, Grosse Pointe Woods, MI 48236 (313) 343-2440 or Telecommunications Device for the Deaf (TDD) 313 343-9249.

CITY OF GROSSE POINTE WOODS
20025 MACK PLAZA
GROSSE POINTE WOODS MI 48236
(313) 343-2440 - CITY CLERK
FAX (313) 343-2785
(313) 343-2426 - BUILDING DEPARTMENT
FAX (313) 343-2439



#### APPLICATION TO THE ZONING BOARD OF APPEALS

(Number and Street)  TO THE ZONING BOARD OF APPEALS  We) Wendy R Barrott - John Lyclick 313-549-3 Name (Please Print) Phone No. (Dayting 1984 Fleetwood Drive, Grosse Pointe Woods, MI Address City State  eby appeal to the Zoning Board of Appeals for a variance to:  callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive, asse Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
Wendy R Barrott - John Lyclick 313-549-3 Name (Please Print) Phone No. (Dayti  1984 Fleetwood Drive, Grosse Pointe Woods, MI 48 Address City State  eby appeal to the Zoning Board of Appeals for a variance to: callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive, esse Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
1984 Fleetwood Drive, Grosse Pointe Woods, MI Address City State  eby appeal to the Zoning Board of Appeals for a variance to:  callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive,  esse Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
1984 Fleetwood Drive, Grosse Pointe Woods, MI Address City State  eby appeal to the Zoning Board of Appeals for a variance to:  callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive,  esse Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
Address City State  eby appeal to the Zoning Board of Appeals for a variance to:  callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive,  esse Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
eby appeal to the Zoning Board of Appeals for a variance to:  callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive,  case Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
callation of 14 solar panels on roof of home located at 1984 Fleetwood Drive, see Pointe Woods  DESCRIPTION OF CASE (Fill out only items that apply)
DESCRIPTION OF CASE (Fill out only items that apply)
Dungant agains alongification of the manager Single Family Decide
a. Present zoning classification of the property Single-Family Reside
b. Description of property
(1) Size and Area of Lot
(1) Size and Area of Lot
(2) Is the lot a corner or interior lot Interior
Payment Validation

c.	Desc	eription of EXISTING structures
	(1)	Total square footage of accessory building now on
		premises; of main buildings approx 1,482 sq.ft.
	(2)	Uses of building on premises Residence
	(3)	Percentage of lot coverage of all buildings on ground
	. ,	level%
d.	Desc	ription of PROPOSED structures
	(1)	Height of proposed structure
	(2)	Height and area of existing structure
	(3)	Dimensions and area of structure or addition to be constructed
	(4)	Percentage of lot coverage of all buildings including proposed%
<b>e.</b>	Yard	setbacks after completion of addition/structure
	(1)	Front Yard (measured from lot line)
	(2)	Side Yard (measured from lot line)
	(3)	Rear Yard (measured from lot line)
f.		etch drawn to scale depicting the above information shall cluded herewith.
non-us bulk o	e varia r lands	ARIANCE REQUEST: NON-USE – Common regulations subject to ince requests: setbacks, height or parking regulations, lot coverage, caping restrictions. Uniqueness: odd shape, small size, wetland, creek, res, big trees or slopes.
eviden	ce on t	practical difficulty, based on competent, material, and substantial he record, shall require the petitioner to demonstrate that all of the ditions are met (please answer all reasons):
the	roper	rdinance restrictions unreasonably prevent the petitioner from using ty for a permitted purpose.  irement from any peak of eave will effectively deny the resident
the a	bility t	o install a solar electric PV system.
·		

3.

	Allow the use of new technology raising home values in the city. Help
	Allow the use of new teemlology faising nome values in the etty. Help
	the environment and employ MI residents.
c)	That the plight of the petitioner is due to unique circumstances of the property
	Due to home size, the code will prevent a majority of home owners in
	Grosse Pointe Woods the ability to install a solar PV system.
ď	
u,	That the alleged hardship has not been self-created or created by any person presently having an interest in the property.  Homes were built prior to the creation of this technology.
u,	presently having an interest in the property.
	presently having an interest in the property.
	Homes were built prior to the creation of this technology.  That the spirit of the Grosse Pointe Woods Ordinance will be observed, public
	Homes were built prior to the creation of this technology.  That the spirit of the Grosse Pointe Woods Ordinance will be observed, public safety secured, and substantial justice done.

1 (	TYPE OF VARIANCE REQUEST: USE – A use variance permits a use of land hat is otherwise not allowed in that zoning district. The applicant must present evidence to show that if the zoning ordinance is applied strictly, an unnecessary nardship to the applicant will result, and that all of the following requirements are net (please answer all reasons):
ž	That the property cannot reasonably be used in a manner consistent with existing zoning.
b)	That the plight of the petitioner is due to unique circumstances peculiar to the property and not to general neighborhood conditions.
c)	That the use requested by the variance would not alter the essential character of the area and locality.
	>
ď)	That the alleged hardship is not self-created or created by any person presently having an interest in the property.

	e) That the spirit of the Grosse Pointe Woods Ordinance will be observed, public safety and welfare secured, and substantial justice done.
5.	Interpretation of the Zoning Ordinance is requested because:
	Home owner wants to install RV solar electric
	to in order reduce earbon footprint, reduce
	electricity cost and act consistently with my value system
6.	Article and Section of the Zoning Ordinance that is being appealed:
	Ordinance #850
	Section 50-539 Solar Energy Systems
	(5) Solar panels Shall not be located
	(5) Solar panels Shall not be located within 4ft of any peak, eave or valley
	by depose and say that all the above statements and the statements contained in the submitted herewith are true and correct.
<u> </u>	Signature of Petitioner Signature of Applicant
Subsci	ribed and sworn to before me this 28th day of April 2014
	LAKEISHA PRINCE otary Public - Michigan Notary Public
Mv Com	otary Public - Michigan Wayne County mission Expires Sep 15, 2018 n the County of Wayne Commission expires

NOTE: The Zoning Board of Appeals (ZBA) may consider evidence from a variety of sources in making its determination. The Zoning Board of Appeals meets the first and third Mondays of each month at 7:30 PM. The application must be filed with the City Clerk with a fee in the amount of \$250 a minimum of 14 days prior to council hearing.

3.28.14 Nomen 76

Foxed 479.0376

MECEIVED

FEB 03 2014 CITY OF GROSSE PTE. WOODS BUILDING DEPT.

cor

#### CITY OF GROSSE POINTE WOODS

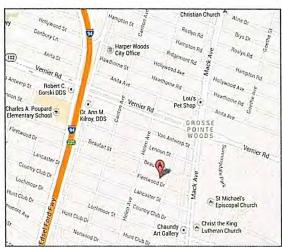
**Building Department** 

20025 Mack Plaza, Grosse Pointe Woods, MI 48236 (313) 343-2426

# BUILDING PERMIT APPLICATION ZONING COMPLIANCE AND PLAN REVIEW

COMMERCIAL AND RESIDENTIAL

ZONING COMPLIANCE INCLUDES:
Drives — Fences — Accessory Structures/Sheds (less than 200 sq ft) — Awnings — Garage Floors — Patios (non-elevated) — Play Structures
Property Owner Name: KENDY R BARROII Date: 13114
Property Owner Address: 1984 Fleet Ward De-mail:
Work#: Home/Cell#:
Contractor/Applicant Name: MELVILI LEWIS 734-320-18
Telephone # 734320185   Fax # 734485/145   Mobile/Cell # 73485/145
Contractor Address: $4004$ $\frac{19790014}{12000000000000000000000000000000000000$
MI Builder's License #: 2/0///47/ MI Driver's License #: 200599012197
3/0-5/02
SPECIFY NATURE OF PROPOSED WORK:
Installation of Solar Phys 1 on Kout
Value of Construction \$ 8000 Vamsni@Sriner
Section 23a of State Construction Code Act of 1972, No. 230 of the Public Acts of 1972, being Section 125.1523a of the Michigan Compiled Laws, prohibits a person from conspiring to circumvent the licensing requirements of the State relating to
persons who are to perform work on a residential building or a residential structure. Violations of Section 23a are subject to civil fines.
Applicant Signature: What for
I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and we agree to conform to all applicable laws of this jurisdiction.
FOR OFFICE USE ONLY
Approved: Zoning Board of Approval Required #
Inspector: Date: 2/25/19/6/
12/10 50-539 - INDICATE A' From ANY PEAK
(5) PAVE OF VAILEY



Vicinity Map

#### PROJECT SCOPE

- THE INSTALLATION CONSISTS OF SOLAR PHOTOVOLTAIC MODULES MOUNTED ON THE ROOF AND CONNECTED ON AC/DC INVERTER AND RELATED ELECTRICAL SWITCHGEAR AS REQUIRE BY APPLICABLE CODES AND BY THE ELECTRICAL UTILITY COMPANY.
- THE SYSTEM WILL BE INTERCONNECTED AND OPERATED IN PARALLEL WITH THE UTILITY ELECTRICAL GRID PER THE REQUIREMENTS OF THE UTILITY AND APPLICABLE CODES.

	5	SYSTEM INFORMATION			
ARRAY	PITCH	MAGNETIC ORIENTATION	TRUE ORIENTATION		
AR01-AR02	30				
		TABLE OF CONTENTS			
PAGE	#	DESCRIPTION	ON		
PV-01		VICINITY MAP AND ORIENTATION			
PV-02		SITE PLAN			
		ATTACHMENT LAYOUT & ATTACHMENT DETAILS			
PV-04		PV LINE ELECTRICAL			
PV-05		MODULE DATA	SHEET		
PV-06		INVERTER DATA	SHEET		
PV-07		RACKING INFORM	MATION		
	SVSTEM	COMPONENT SPECIFICA	ATION		
MAJOR S COMPO	SYSTEM	SPECIFICATIONS	QUANTITY		
MODI	ULES	SW 280 watts Modules	14		
JUNCTIO	ON BOX	NEMA 3R MIN. REQUIRED WITH WATERPROOF	1		
INVE	RTER	Renovo 5KW Inverter	1		
MOUN	ITING	Pitched Roof Mounting	1		



Orientation

REVISIONS	NO	DATE	BY
			-

# MI Solar Works



24371 CATHERINE INDUSTRIAL DRIVE SUITE 231 NOVI MI 48375

CUSTOMER: WENDY R BARROTT

BUILDING: RESIDENCE

LOCATION: 1984 FLEETWOOD DR GROSSE POINTE WOODS MI

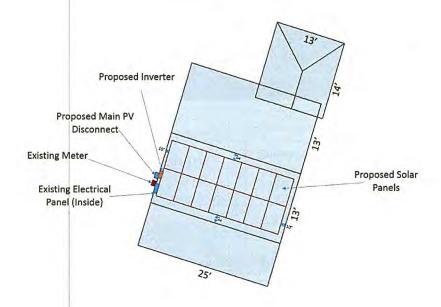
DRAWN BY: VM DATE DRAWN: 11/8/2013

PV-01-A





### LAYOUT



#### GENERAL NOTES:

- 1. SOLAR PHOTOVOLTAIC SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 690 OF THE 2008 NEC.
- 2. ACCESS TO THE WIRE WILL BE RESTRICTED TO QUALIFIED PERSONNEL ONLY. AS REQUIRED BY ARTICLE 690 OF 2008 NEC.
- 3. ALL LOCATIONS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATIONS.
- 4. WIRE SIZES AND CALCULATED VALUES ARE NOMINAL AND SHOULD BE VERIFIED OR RECALCULATED BASED ON THE FIELD INSTALLATIONS AND MEASURE CONDUIT RUN IN ACCORDANCE WITH REQUIREMENTS OF ARTICLE 310 OF THE 2008 NEC.

REVISIONS	NO	DATE	BY
		3	

# **MI Solar Works**



24371 CATHERINE INDUSTRIAL DRIVE SUITE 231 NOVI MI 48375

CUSTOMER: WENDY R BARROTT

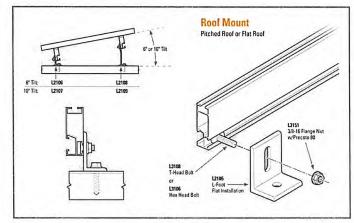
BUILDING: RESIDENCE

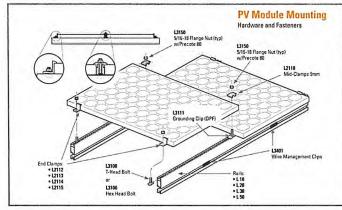
LOCATION: 1984 FLEETWOOD DR GROSSE POINTE WOODS MI

DRAWN BY: VM DATE DRAWN: 11/8/2013

PV-02-A

#### ATTACHMENT LAYOUT





EXISTING ROOF	
EXISTING ROOF	PITCHED ROOF
ROOF HEIGHT	APPROX.25 FEET
WIND SPEED	90 MPH
METHOD OF WATERPROOFING	FLASHING
ROOF TYPE	ASPHALT SHINGLES
ARRAY INFOR	RMATION
MODULE WEIGHT	APPROX. 46.7 LBS
MODULE DIMENSIONS	1640 X 981 X 40 MM
TOTAL MODULES	14
SUM MODULES WEIGHT	653,8 LBS
SUM MOUNTS &RAIL WEIGHT	75 LBS
MOUNTING SYSTEM MANUFACTURER	SW SUNFIX
SUM MODULES SURFACE AREA	270 SQFT
INSTALLATION WEIGHT	728.8 LBS
INSTALLATION AREA	270 SQFT
DISTRIBUTE WEIGHT	2.7 LBS/SQFT

REVISIONS	NO	DATE	BY
			-





24371 CATHERINE INDUSTRIAL DRIVE SUITE 231 NOVI MI 48375

CUSTOMER: WENDY R BARROTT

BUILDING: RESIDENCE

LOCATION: 1984 FLEETWOOD DR GROSSE POINTE WOODS MI

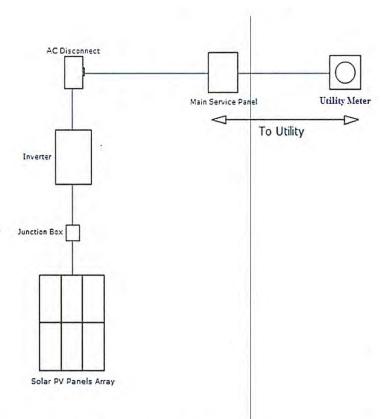
DRAWN BY: VM DATE DRAWN: 11/8/2013

PV-03-A

#### **GENERAL NOTES:**

- SOLAR PHOTOVOLTAIC SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 690
  OF THE 2008 NEC.
- 2. ACCESS TO THE WIRE WILL BE RESTRICTED TO QUALIFIED PERSONNEL ONLY. AS REQUIRED BY ARTICLE 690 OF 2008 NEC.
- 3. ALL LOCATIONS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATIONS.

#### ELECTRICAL PV ONE LINE DIAGRAM



Solar System Size: 3920 watts or 3.92 KW

Panels: SW 280 watts Solar PV Modules (Qty: 14)

Inverter: Solar Edge/Renovo Inverters

Mounting: SW Sunfix Mounting

REVISIONS	NO	DATE	BY
7			-

# MI Solar Works



24371 CATHERINE INDUSTRIAL DRIVE SUITE 231 NOVI MI 48375

CUSTOMER: WENDY R BARROTT

BUILDING: RESIDENCE

LOCATION: 1984 FLEETWOOD DR GROSSE POINTE WOODS MI

DRAWN BY:

DATE DRAWN: 11/8/2013

PV-04-A

# Sunmodule Plus SW 280 mono



TUV Power controlled: Lowest measuring tolerance in industry



Every component is tested to meet 3 times IEC requirements



Designed to withstand heavy accumulations of snow and ice



Sunmodule Plus: Positive performance tolerance



25-year linear performance warranty and 10-year product warranty



Glass with anti-reflective coating



#### World-class quality

Fully-automated production lines and seamless monitoring of the process and material ensure the quality that the company sets as its benchmark for its sites worldwide.

#### SolarWorld Plus-Sorting

Plus-Sorting guarantees highest system efficiency. SolarWorld only delivers modules that have greater than or equal to the nameplate rated power.

25 years linear performance guarantee and extension of product warranty to 10 years SolarWorld guarantees a maximum performance degression of 0.7% p.a. in the course of 25 years, a significant added value compared to the two-phase warranties common in the industry. In addition, SolarWorld is offering a product warranty, which has been extended to 10 years.\*

 $^{\bullet}$  in accordance with the applicable SolarWorld Limited Warranty at purchase, www.solarworld.com/warranty



Qualified, IEC 61215
 Safety tested, IEC 61730
 Periodic tested, IEC 61730



 Arnmonia resistance tested
 Periodic Inspection
 Power Controlled











We turn sunlight into power.

# Sunmodule Plus SW 280 mono

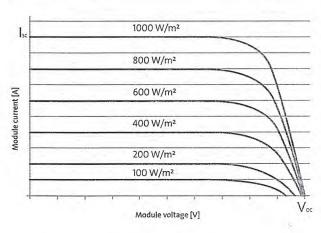
#### PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC)\*

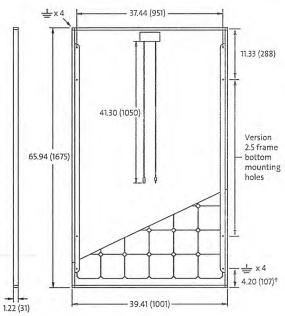
P <sub>max</sub>	280 Wp
Voc	39.5 V
V <sub>mpp</sub>	31.2 V
l <sub>sc</sub>	9.71 A
Impp	9.07 A
	V <sub>oc</sub> V <sub>mpp</sub> I <sub>sc</sub>

<sup>\*</sup>STC: 1000 W/m2, 25°C, AM 1.5

#### THERMAL CHARACTERISTICS

46 °C
0.04 %/°C
-0.30 %/°C
-0.45 %/°C
-40°C to 85°C





#### PERFORMANCE AT 800 W/m2, NOCT, AM 1.5

Maximum power	P <sub>max</sub>	209.2 Wp
Open circuit voltage	V <sub>pc</sub>	36.1 V
Maximum power point voltage	V <sub>mpp</sub>	28.5 V
Short circuit current	l <sub>sc</sub>	7.85 A
Maximum power point current	Impp	7.33 A

Minor reduction in efficiency under partial load conditions at 25°C: at 200 W/m², 100% (+/-2%) of the STC efficiency (1000 W/m²) is achieved.

#### COMPONENT MATERIALS

Cells per module	60	
Cell type	Mono crystalline	
Cell dimensions	6.14 in x 6.14 in (156 mm x 156 mm)	
Front Tempered glass (EN 1		
Frame Clear anodized alum		
Weight	46.7 lbs (21.2 kg)	

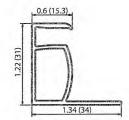
#### SYSTEM INTEGRATION PARAMETERS

Maximum system voltage SC	ii.	1000 V
Max. system voltage USA NE		1000 V
Maximum reverse current		16 A
Number of bypass diodes		3
UL Design Loads*	Two rail system	113 psf downward 64 psf upward
UL Design Loads*	Three rail system	170 psf downward 64 psf upward
IEC Design Loads*	Two rail system	113 psf downward 50 psf upward

<sup>\*</sup> Please refer to the Sunmodule installation instructions for the details associated with these load cases.

#### ADDITIONAL DATA

Power sorting <sup>1</sup>	-0 Wp / +5 Wp	
J-Box	IP65	
Module leads	PV wire per UL4703 with H4 connector	
Module efficiency	16.70 %	
Fire rating (UL 790)	Class C	
Glass	Low iron tempered with ARC	



#### **VERSION 2.5 FRAME**

- · Compatible with both "Top-Down" and "Bottom" mounting methods
  Grounding Locations:
- - 4 corners of the frame
  - 4 locations along the length of the module in the extended flange<sup>†</sup>



Independently created PAN files now available. Ask your account manager for more information.

<sup>1)</sup> Measuring tolerance ( $P_{max}$ ) traceable to TUV Rheinland: +/- 2% (TUV Power Controlled).



# Performance Standard

Renovo Power Systems DigiWatts™

**5kW PV Grid-Tied Inverter** combines efficiency, reliability and standard features to make your next project a success. Leveraging digital and transformerless technologies, modular design and convenient installation, they are ready for a broad range of PV projects. Our products can be purchased through select distributors and installers.

- 96% Peak Efficiency
- Wide Input Operating Voltage
- Two Independent MPPTs
- Light Weight
- LCD Backlit for Easy View
- Full Display of Functional Data
- Monitoring Available
- 10 Year Warranty Standard











\* ETL (Intertek) is a Nationally Recognized Testing Laboratory for UL 1741 certification. ETL certified inverters meet all requirements (UL 1741 / IEEE 1547) for utility-interconnected inverters.

#### A Better Inverter Package

Class leading performance and reliability coupled with the advantages of dual MPPTs (full efficiency from strings with different orientations) and lighter weight (move & mount with one installer).

- Class Leading Peak and CEC Eff ciency
- 2 MPPTs and 4 Input Strings
- Dual DSPs
- Wide Operating Range
- 1 Person Installation

Elevate your Standards with Renovo!

www.Renovo-USA.com (855) RENOVO1 (736-6861)





# Renovo<sup>™</sup> DigiWatts<sup>™</sup> Inverters

# **Specifications**

### 5 kW PV Grid-Tied Inverter

Waster and the second s	5KW PV Inverter	me myen
Item		
Model	RN5000US	. T
Recommended Maximum PV Power	6250 W	
DC Voltage Range	100 - 550 V	
Optimal Peak Power Tracking Voltage	150 - 470 V	
DC Maximum Input Current	13A x 2	
Number of Input Strings	4	
Number of MPPTs	2	
PV Start Voltage	150 V	
AC Nominal Power	5000 W	
AC Maximum Output Power	5500 W	
AC Maximum Output Current	22.9A @ 240 V	
AC Nominal Voltage Range	215 - 265 V @ 240 V	
AC Frequency: nominal/range	60 / 59.3 60.5 Hz	
Power Factor (Nominal)		
Peak Inverter Efficiency / CEC Efficiency	96% / 94.5%	
	WxHxD(in)	
Dimensions	21 x 19 1/4 x 9 3/4	
Weight / Shipping Weight	49 lb / 55 lb	
Ambient Temperature Range	- 25°C to 60°C	
AND CONTROL OF THE STATE OF THE	0 W night time	
Power Consumption	≤ 8 W in operating	
Topology	Transfomerless	
Enclosure Rating	NEMA 3R	
Interface	RS485	atrovis
Monitoring	Optional (includes lifetime ho	sting)
Warranty	10yr	3,







CEC



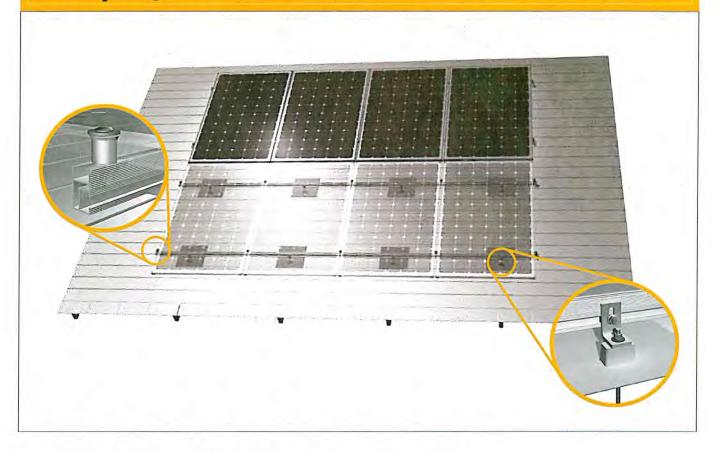


Renovo Power Systems™ 2723 South State Street, Suite 150 Ann Arbor, MI 48104 (855)-RENOVO1 (736-6861)

© Renovo Power Systems 2013 Printed in the USA

1-855-RENOVO1 www.renovo-usa.com

# Sunfix plus<sup>®</sup> The intelligent pitched roof mounting system



The SolarWorld Sunfix plus pitched roof mounting system is optimized for simple and efficient installation of SolarWorld Sunmodule panels. The Sunfix plus system offers many value-added improvements enabling trouble free assembly.

- For flush mounting to pitched roofs
- Multiple roofing applications: composition shingle, standing metal seam, flat or curved concrete tile
- Supports high wind and snow loads
- Pre-assembled hardware designed for fast and easy installation
- Preset rail lengths simplify planning and reduce material cut-off
- Professional Engineer reviewed and approved (CA. 2010 Building Code, ASCE 7-05 & 2009 International Building Code)
- Top clamps available for other modules (40 mm 50 mm frames)





# Sunfix plus° The intelligent pitched roof mounting system

#### **TECHNICAL SPECIFICATIONS**

Load rating	170 mph wind at 50 psf snow
Array area weight	0.42 lb/ft²
Roof pitch	7° to 45°
Orientation	Portrait or landscape - flush to roof
Rail lengths	1, 2, 3, and 4 module widths
Top clamps	M8 stainless steel - Torx T40 drive
Top clamp installation	Channel nut design - 15 ft-lbs torque
Top clamp colors	Silver or black
Splice bar	Aluminum, fastener free installation
Extruded material	6005-T5 aluminum alloy
Aluminum finish	Clear or black anodized

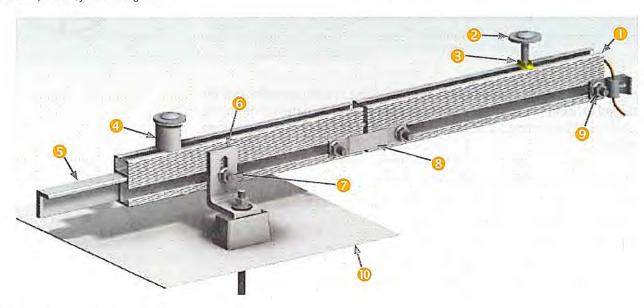
#### **FEATURES**

- Pre-assembled module 'top-clamp' hardware
- Top clamp with retainer stays in place during installation
- No field drilling of rails is required
- Splice bar with insertion stop allows thermal expansion
- L-foot needed on only one side near rail splice bar
- Wire management stainless steel cable S-clips
- Anodized aluminum components resists oxidation affects
- Compatible with approved WEEB grounding devices
- All components and custom rail lengths in bulk quantities
- Improved attachment spans and load ratings
- 10-year limited warranty

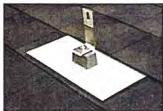
#### COMPONENTS

- Sunfix plus rail (2 required) 2 modules = 82", 3 modules = 122", 4 modules = 162"
- O Top-clamp for 31 mm frame M8 bolt
- 6 Channel nut with bolt positioning retainer
- O End clamp aluminum spacer 31 mm
- 6 Rail splice bar; joins rails together

- 6 L-foot with dual adjustment slots & mating serrations
- 7 T-bolt M8 x 20 stainless steel with serrated flange nut
- O Rail splice ground jumper WEEB 8.0 pre-assembled with bolts
- Rail-equipment ground WEEB-lug 8.0 with bolt assembly
- Roof attachment/flashing Quick Mount PV® (silver or black)



#### **ROOF MOUNTING OPTIONS**







Composition shingle

Flat tile

S-Tile

Standing seam clamp

### CITY OF GROSSE POINTE WOODS BUILDING DEPARTMENT MEMORANDUM



TO:

Zoning Board of Appeals

FROM:

Gene Tutag, Building Official

DATE:

May 20, 2014

**SUBJECT:** 

1984 Fleetwood, Solar Panel Installation Variance Request

A building permit application to install 15 solar panels on the front roofs of 1984 Fleetwood has been denied. The application is in violation of section 50-539(5). The ordinance requires that solar panels shall not be located within four feet of any peak, eave, or valley to maintain adequate accessibility.

The proposed installation is not compliant as the distance of the panels indicated on the plans shows one foot from the ridge and one foot to the bottom of the eave. All other relevant ordinance requirements appear to be complied with.

The owners of the property, Wendy R. Barrott and John Lydick, are appealing the denial and are requesting relief from the Zoning Board of Appeals.

The criteria for consideration of a request for a nonuse variance is found in Section 50-149 of the Grosse Pointe Woods Zoning Ordinance. The authority to authorize variances is based on the following:

#### Sec. 50-149. Variance standards.

- (a) Dimensional or nonuse variances. The zoning board of appeals may grant a dimensional or nonuse variance only upon a finding that compliance with the restrictions governing area, setbacks, frontage, height, bulk, density, or other dimensional provisions would create a practical difficulty. A finding of practical difficulty, based on competent, material, and substantial evidence on the record, shall require the petitioner to demonstrate that all of the following conditions are met:
  - (1) That strict compliance with the restrictions governing area, setbacks, frontage, height, bulk, density, and other similar items would unreasonably prevent the petitioner from using the property for a permitted purpose or would render conformity with said restrictions unnecessarily burdensome.

- (2) That a variance would do substantial justice to the petitioner as well as to other petitioners in the zoning district; or whether a lesser relaxation of the restrictions would give substantial relief to the petitioner and be more consistent with justice to others (i.e., are there other more reasonable alternatives);
  - (3) That the plight of the petitioner is due to unique circumstances of the property;
  - (4) That the petitioner's problem is not self-created.
- (5) That the spirit of this chapter will be observed, public safety and welfare secured, and substantial justice done.

The applicants state that the 4' setback from the roof edge requirement will effectively prevent them from the ability to install a solar electric PV system, that their home was built prior to the creation of this technology, and that the size and shape of their home will prevent them and others from installing a solar system.

The applicants also state that the system is easily removed if roof repair is needed, the installation will not affect the venting of the roof and the system does not impede egress or ingress from the home.

Section #50-539 was developed with input from our Public Safety Department taking into account Fire Fighter safety and their access to the structure in the event of a fire. The 4' setback was determined to be a safe distance from the panels for access to the roof during rescue or fire fighting operations such as venting the roof.

Included is a memorandum from our Fire Marshall recommending that the variance not be granted. I concur with his recommendation.

The applicant, being unable to demonstrate all conditions necessary for a variance to be granted, particularly subparagraph (5) That the spirit of this chapter will be observed, public safety and welfare secured, and substantial justice done. The denial of the variance of Section 50-539(5) is recommended.

Alfred Fincham, City Administrator

3 Encls

Memo – 05/20/14 (Fire Marshall Provost) Photo - 1984 Fleetwood GPW Ord. #50-539 Solar Energy Systems

APPROVED BY:

DATE: 5-21-14



### CITY OF GROSSE POINTE WOODS DEPARTMENT OF PUBLIC SAFETY



Andrew Pazuchowski, Director 20025 Mack Plaza Grosse Pointe Woods, MI 48236-2397

TO:

Director Pazuchowski

FROM:

Det. Joseph E. Provost Jr., Fire Inspector

DATE:

May 20, 2014

SUBJECT:

Solar Panel Installation at 1984 Fleetwood

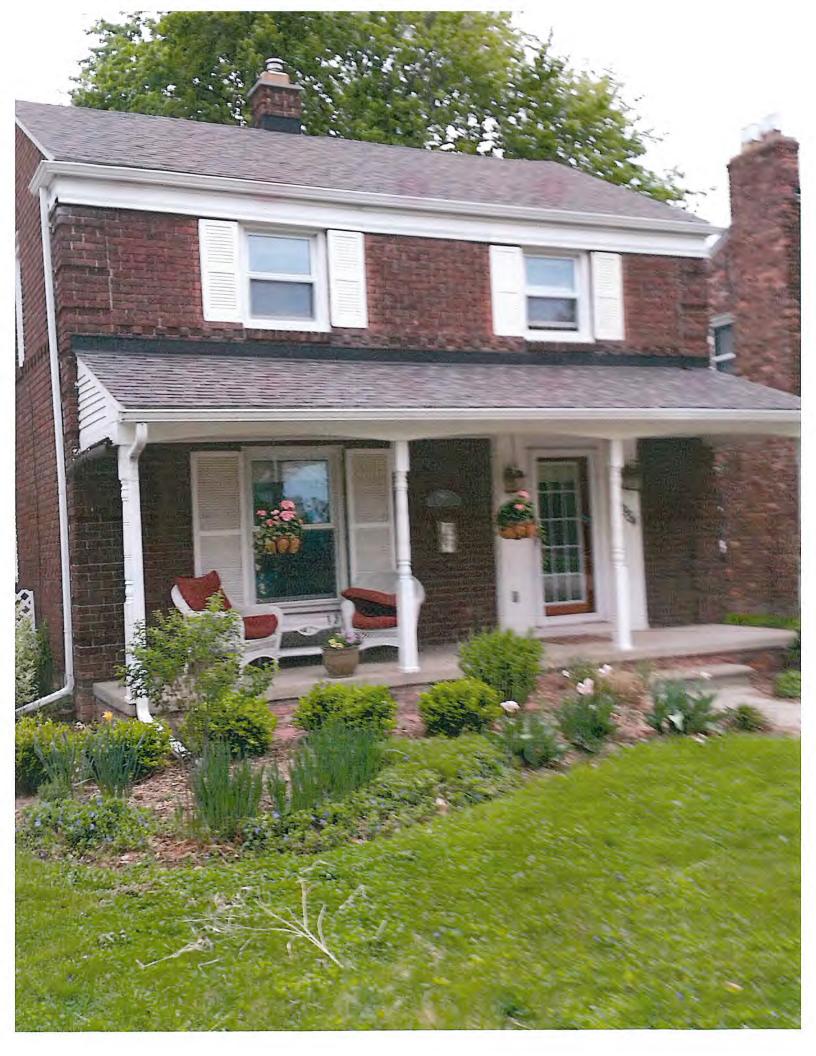
Upon reviewing the submitted plans for the proposed Solar Panel Installation at 1984 Fleetwood, the proposed solar panel placement does not meet the ordinance requirement for the 4' clearance path around the exterior of the roof line for each roof line elevation. The close installation of the solar panels to the structure which meets the lower roof line would interfere with any potential rescue of the residents in an emergency. Additionally, on the upper roof line, if the solar panels were to be installed within 4' of the ridge and/or bottom of the roof line, this would interfere with firefighters attempting to access the roof and ventilate the structure.

I would not recommend the plans be approved.

Joseph E. Provost Jr.

Grosse Pointe Woods Fire Inspector

with E/2



#### Sec. 50-539. Solar energy systems.

A solar energy system is permitted in any city zoning district. However, it shall be unlawful for any person to install or operate a solar energy system unless all of the following conditions are met:

- (1) A building permit and any necessary mechanical, plumbing and electrical permits shall be secured prior to the start of the installation of an solar energy system. Dimensioned plans are required with the building permit application.
- (2) Only rooftop solar energy systems are permitted. Freestanding or wall-mounted solar energy systems are not permitted.
- (3) The solar energy system installation shall be configured to the degree practicable to have a minimal visual impact as seen from the street. Systems that are visible from the street must be either composed of building-integrated components (such as solar shingles) that are not readily evident, or be designed and mounted to match the shape, proportions, and slope of the roof.
- (4) Installation of solar energy system equipment, including the rails and panels, are subject to the height limitations of the specific zoning district where they are being installed.
- (5) Solar panels shall not be located within four feet of any peak, eave or valley to maintain adequate accessibility.
- (6) Solar panels shall not project more than one foot above the roof deck.
- (7) The following additional design standards shall apply:
  - Solar panels shall be arranged so that the panels do not reflect sunlight or glare onto adjacent buildings, properties or roadways.
  - b. The system shall use materials and colors that blend into the existing roof or wall design.
  - The system shall include high quality mesh to enclose the space between the roof surface and the solar panels to deter animal nesting.
- (8) If a system is defective or not in operation for a period of 12 months, the system shall be deemed a nuisance. The current owner of the property shall be required to either remove the system or repair it at the owner's expense.

(Ord. No. 850, 12-17-2012)

# AFFIDAVIT OF PROPERTY OWNERS NOTIFIED

Re: 1984 Fleetwood Wendy Barrott John Lydick

) ss.
County of Wayne )
I HEREBY CERTIFY that the notice of Hearing was duly mailed First Class Mail on 5-15-14
following property owners within a 300 foot radius of the above property in accordance with the

I HEREBY CERTIFY that the notice of Hearing was duly mailed First Class Mail on 5-15-14 to the following property owners within a 300 foot radius of the above property in accordance with the provisions of the 2007 City Code of Grosse Pointe Woods. A Hearing fee of \$250.00 has been received with receipt # 700914.

Lisa Kay Hathaway

City Clerk

See attached document for complete list.

State of Michigan )

ownersname	ownersna_1	ownerstree	ownercity	ownerstate	ownerzipco
WRIGHT IRREVOCABLE TRUST	WRIGHT DANIEL	6690 CASTLE DR	BLOOMFIELD HILLS	MI	48301
OCCUPANT		2033 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
RAYNAL WESLEY J		451 CLOVERLY	GROSSE POINTE FARMS	MI	48236
OCCUPANT		1931 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
LENHARD CRAIG		774 WESTCHESTER	GROSSE POINTE PARK	MI	48230
OCCUPANT		1961 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SPITZ WERNER U		850 LAKE SHORE RD	GROSSE POINTE SHORES	MI	48236
OCCUPANT		2016 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
AMLUXEN JAMES		41 N DUVAL RD	GROSSE POINTE SHORES	MI	48236
OCCUPANT		2008 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
SHIPMAN JESSICA A		1952 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
CHAMPINE JAMES J		1930 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
BUNKER FRANK		2049 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
BLOSNICK SOPHIA N		2041 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
DAY MATTHEW	DAY LISA	2033 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
BROWN ROBERT A	BROWN SHIRLEY J	2025 BEAUFAIT AVE	GROSSE POINTE WOODS	MI	48236
RAGLE LISA A		2017 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
FAVENYESI THOMAS	FAVENYESI SHERI	2009 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MODELSKI SOPHIE		2001 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
YOUNGBLOOD KATHLEEN		2040 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SPERTI THOMAS	FLANAGAN JAMIE	2024 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MCMAHON CHRISTOPHER P	MCMAHON SARAH	2016 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SCHEMMEL PAULINE L		2008 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
VANDENBULCKE JEROME S	CONSELICE ANNETTE	2000 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SHAR FRANK A	SHAR MARILYN J	1992 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MAHANEY MARTHA		1984 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
RABIDOUX MARK A		1976 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
GUIBORD JOHN E	GUIBORD MICHELLE K	1968 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
FISCUS JAMES I	FISCUS LINDA H	1960 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
FRATTAROLI DAVID	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1993 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
HARDY KEVIN J	HARDY ELIZABETH A	1977 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SOMERS JEFFREY K	SOMERS KRISTA M	1969 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MICLEA MIHAI		2048 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SMOLENSKI STEFAN M		1953 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
GAST PETER B		2040 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
DYBLE PATRICIA S		2032 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
GOLENIAK DORIS A		2024 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
ADAMS JUDY L		1923 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
NERDRUM JEFFREY L		2008 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
HUNTER REBECCA		2000 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
KENT SUZANNE		1992 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
LYDICK JOHN G	BARROTT WENDY R	1984 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
RUTKA BRENDA	The state of the s	1976 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236

ownersname	ownersna_1	ownerstree	ownercity	ownerstate	ownerzipco
SAVIN SHERYL A		1968 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
WRUBLE THOMAS		1960 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
PRESAR DAVID E		1952 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
FOSSETT-POPE TAMIKA		1922 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SULTZMAN L CARL	SULTZMAN MAJORIE L	2049 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
ROCHON ANTHONY W	ROCHON RYAN C	2041 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SCHAIBLE DOUGLAS W	SCHAIBLE JACQUELINE F	2025 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
DRUMM ROY H		2017 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
HOOVER WILLIAM		2009 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
GUTHRIE KELLEY L		2001 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
WENZ ALICIA M		1993 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
JUSTICE THOMAS P	JUSTICE CHRISTINE S	1985 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
ALLEN JULIE D		1977 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
PETERS ROSAMOND		1969 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SALADA JOHN R		1961 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
DEMPZ CRAIG	DEMPZ CARISA	2040 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
PHIPPS JAYSON		1953 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
GUIDO ANTHONY	GUIDO ELLEN	2032 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
WATKINS RONNIE L		2016 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
MADDOX WALTER ALLEN		1931 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
STGEORGE AMANDA G		1923 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
BOLONE MARY ANN		2000 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
SOVIAK GREG	SOVIAK CONNIE	1992 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
SCHULTZ AMY		1984 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
MCGRATH GREGORY J		1976 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
KENDELL ENJOLI D		1968 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
WELCH RICHARD		1960 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
BURCHETT KEVIN	BURCHETT MARY	1952 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
HARTERT SHIRLEY M		1930 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
KUJAT HEIDI		PO BOX 806239	SAINT CLAIR SHORES	MI	48080-6239
OCCUPANT		1930 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
BURKE THOMAS J	BURKE ELAINE	8152 25 MILE RD STE F	SHELBY TOWNSHIP	MI	48316-1904
OCCUPANT		2032 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
VANALMEN MARTIN J		3218 MYDDLETON DR	TROY	MI	48084
OCCUPANT		1985 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
AT&T	Mr. Tim Black - Area Manager	100 S. Main Room 314	Mount Clemens	MI	48043
MichCon	William F. Harvey, Permit Liaison	3150 E. Michigan Ave	Ypsilanti Township	MI	48198
Detroit Edison Company	Michael Blunden, Corp. Permit Coordinator	One Energy Plaza Dr.	Detroit	MI	48226

ownersname	ownersna_1	ownerstree	ownercity	ownerstate	ownerzipco
WRIGHT IRREVOCABLE TRUST	WRIGHT DANIEL	6690 CASTLE DR	BLOOMFIELD HILLS	MI	48301
OCCUPANT		2033 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
RAYNAL WESLEY J		451 CLOVERLY	GROSSE POINTE FARMS	MI	48236
OCCUPANT		1931 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
LENHARD CRAIG		774 WESTCHESTER	GROSSE POINTE PARK	MI	48230
OCCUPANT		1961 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SPITZ WERNER U		850 LAKE SHORE RD	GROSSE POINTE SHORES	MI	48236
OCCUPANT		2016 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
AMLUXEN JAMES		41 N DUVAL RD	GROSSE POINTE SHORES	MI	48236
OCCUPANT		2008 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
SHIPMAN JESSICA A		1952 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
CHAMPINE JAMES J		1930 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
BUNKER FRANK		2049 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
BLOSNICK SOPHIA N		2041 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
DAY MATTHEW	DAY LISA	2033 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
BROWN ROBERT A	BROWN SHIRLEY J	2025 BEAUFAIT AVE	GROSSE POINTE WOODS	MI	48236
RAGLE LISA A		2017 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
FAVENYESI THOMAS	FAVENYESI SHERI	2009 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MODELSKI SOPHIE		2001 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
YOUNGBLOOD KATHLEEN		2040 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SPERTI THOMAS	FLANAGAN JAMIE	2024 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MCMAHON CHRISTOPHER P	MCMAHON SARAH	2016 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SCHEMMEL PAULINE L		2008 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
VANDENBULCKE JEROME S	CONSELICE ANNETTE	2000 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SHAR FRANK A	SHAR MARILYN J	1992 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MAHANEY MARTHA		1984 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
RABIDOUX MARK A		1976 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
GUIBORD JOHN E	GUIBORD MICHELLE K	1968 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
FISCUS JAMES I	FISCUS LINDA H	1960 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
FRATTAROLI DAVID		1993 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
HARDY KEVIN J	HARDY ELIZABETH A	1977 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
SOMERS JEFFREY K	SOMERS KRISTA M	1969 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
MICLEA MIHAI		2048 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SMOLENSKI STEFAN M		1953 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
GAST PETER B		2040 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
DYBLE PATRICIA S		2032 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
GOLENIAK DORIS A		2024 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
ADAMS JUDY L		1923 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
NERDRUM JEFFREY L		2008 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
HUNTER REBECCA		2000 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
KENT SUZANNE		1992 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
LYDICK JOHN G	BARROTT WENDY R	1984 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
RUTKA BRENDA		1976 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236

ownersname	ownersna_1	ownerstree	ownercity	ownerstate	ownerzipco
SAVIN SHERYL A		1968 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
WRUBLE THOMAS		1960 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
PRESAR DAVID E		1952 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
FOSSETT-POPE TAMIKA		1922 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SULTZMAN L CARL	SULTZMAN MAJORIE L	2049 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
ROCHON ANTHONY W	ROCHON RYAN C	2041 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SCHAIBLE DOUGLAS W	SCHAIBLE JACQUELINE F	2025 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
DRUMM ROY H		2017 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
HOOVER WILLIAM		2009 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
GUTHRIE KELLEY L		2001 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
WENZ ALICIA M		1993 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
JUSTICE THOMAS P	JUSTICE CHRISTINE S	1985 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
ALLEN JULIE D		1977 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
PETERS ROSAMOND		1969 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
SALADA JOHN R		1961 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
DEMPZ CRAIG	DEMPZ CARISA	2040 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
PHIPPS JAYSON		1953 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
GUIDO ANTHONY	GUIDO ELLEN	2032 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
WATKINS RONNIE L		2016 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
MADDOX WALTER ALLEN		1931 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
STGEORGE AMANDA G		1923 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
BOLONE MARY ANN		2000 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
SOVIAK GREG	SOVIAK CONNIE	1992 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
SCHULTZ AMY		1984 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
MCGRATH GREGORY J		1976 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
KENDELL ENJOLI D		1968 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
WELCH RICHARD		1960 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
BURCHETT KEVIN	BURCHETT MARY	1952 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
HARTERT SHIRLEY M		1930 LANCASTER ST	GROSSE POINTE WOODS	MI	48236
KUJAT HEIDI		PO BOX 806239	SAINT CLAIR SHORES	MI	48080-6239
OCCUPANT		1930 FLEETWOOD DR	GROSSE POINTE WOODS	MI	48236
BURKE THOMAS J	BURKE ELAINE	8152 25 MILE RD STE F	SHELBY TOWNSHIP	MI	48316-1904
OCCUPANT		2032 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
VANALMEN MARTIN J		3218 MYDDLETON DR	TROY	MI	48084
OCCUPANT		1985 BEAUFAIT DR	GROSSE POINTE WOODS	MI	48236
AT&T	Mr. Tim Black - Area Manager	100 S. Main Room 314	Mount Clemens	MI	48043
MichCon	William F. Harvey, Permit Liaison	3150 E. Michigan Ave	Ypsilanti Township	MI	48198
Detroit Edison Company	Michael Blunden, Corp. Permit Coordinator	One Energy Plaza Dr.	Detroit	MI	48226

AFFIDAVIT OF LEGAL PUBLICATION

# Grosse Pointe News

21316 Mack Ave Grosse Pointe Woods, Michigan 48236 (313) 882-3500

COUNTY OF WAYNE STATE OF MICHIGAN, SS.

Joe Warner

being duly sworn deposes and says that attached

City of Grosse Pointe Woods

was duly published in accordance with instructio
the following date:

May 15, 2014

#1 GPW 5/15 ZBA-SOLAR and knows well the facts stated herein, and that I newspaper.

Subscribed and sworn to before me this 23rd day

Datrice O. Chamas

City of Grosse Pointe Moods, Michigan

NOTICE IS HEREBY GIVEN that the City Council, meeting as Zoning Board of Appeals under the provisions of Michigan Zoning Enabling Act, PA 110 of 2006, MCL 125.3101 et seq, will meet in the Council-Court Room of the Municipal Building, 20025 Mack Plaza, on Monday, June 2, 2014, at 7:35 p.m. to hear the appeal of Wendy R. Barrott and John Lydick, 1984 Fleetwood Drive, Grosse Pointe Woods, MI, who are appealing the denial of the Building Official to issue a building permit due to noncompliance with Sec. 50-539(5) Solar Energy Systems of the 2007 City Code of the City of Grosse Pointe Woods, accessibility.

The public hearing materials are available for public inspection at the Municipal Building, 20025 Mack Plaza, between 8:30 a.m. and 5:00 p.m., Monday through Friday. All interested persons are invited to attend and will be given opportunity for public comment. The public may appear in person or be represented by counsel. Written comments will be received in the City Clerk's office, up to the close of business preceding the hearing. A group spokesperson is encouraged on agenda items concerning organized groups. Individuals with disabilities requiring auxiliary aids or services at the meeting should contact the Grosse Pointe Woods Clerk's Office at 313 343-2440 seven days prior to the meeting.

Lisa Kay Hathaway, MMC City Clerk

G.P.N.: 5/15/2014

PATRICE A. THOMAS
Notary Public, State of Michigan
County of Wayne
My Commission Expires 06-21-2014
Acting in the county of Wayne



COPYRIGHT 1999 - 2011, THE CITY OF GROSSE POINTE WOODS, MI\* COPYRIGHT 1999 - 2011, WAYNE COUNTY, MI\* COPYRIGHT 1999 - 2011, ANDERSON, ECKSTEIN AND WESTRICK, INC.\* \*ALL RIGHTS RESERVED

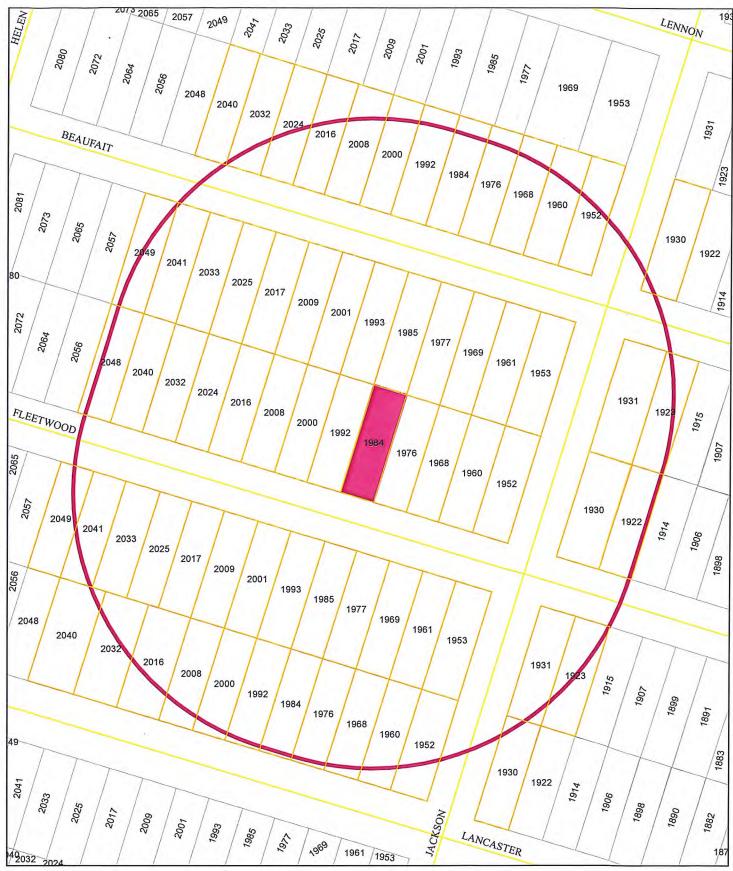


INFORMATION TECHNOLOGY DEPARTMENT Geographic Information Systems (GIS) Division

Subject: 1984 Fleetwood

Date: May 15, 2014





COPYRIGHT 1999 - 2011, THE CITY OF GROSSE POINTE WOODS, MI\* COPYRIGHT 1999 - 2011, WAYNE COUNTY, MI\* COPYRIGHT 1999 - 2011, ANDERSON, ECKSTEIN AND WESTRICK, INC.\* \*ALL RIGHTS RESERVED



INFORMATION TECHNOLOGY DEPARTMENT Geographic Information Systems (GIS) Division

Subject: 1984 Fleetwood

Date: May 15, 2014

