



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: B16004750

Building Address: 3205 Jones Road
 City: Woodbine State: MD Zip Code: 21797
 Suite/Apt. #: _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: 2
 Tax Map: 0013 Parcel: 0087 Grid: 0022
 Zoning: _____ Map Coordinates: _____ Lot Size: 3.8891 AC

Property Owner's Name: Sarah Conely
 Address: 2007 Birchdaugh Ct
Brookville State: MD Zip Code: 20833
 Phone: 301-401-1623 Fax: _____
 Email: _____
 Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: Sustainable Energy Systems
 Address: 4509 Metropolitan Ct Suite H
Frederick State: MD Zip Code: 21704
 Phone: (301)-788-4003 Fax: _____
 Email: aaliyah@sustainableenergysystems.net

Existing Use: SFD
 Proposed Use: SFD
 Estimated Construction Cost: \$ 46,080
 Description of Work: 48 ground mounted solar panels - 15.36 KW

Contractor Company: Sustainable Energy Systems
 Contact Person: Zayn Bradley
 Address: 4509 Metropolitan Court Suite H
Frederick State: MD Zip Code: 21701
 License No.: MHIC 98120
 Phone: (301)-788-4003 Fax: _____
 Email: zayn@sustainableenergysystems.net

Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: Aaliyah Brazile
 Address: 4509 Metropolitan Ct Suite H
Frederick State: MD Zip Code: 21704
 Phone: (504)-330-6050 Fax: _____
 Email: _____

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

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	
	2 nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
	<input type="checkbox"/> Slab on Grade	
Construction type:		
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input checked="" type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Aaliyah Brazile
 Applicant's Signature
 aaliyah@sustainableenergysystems.net
 Email Address
 Sustainable Energy Systems
 Title/Company

Aaliyah Brazile
 Print Name
10/27/16
 Date

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
<input checked="" type="checkbox"/> Building Officials		
<input checked="" type="checkbox"/> PSZA (Zoning)		
<input checked="" type="checkbox"/> PSZA (Engineering)		
<input checked="" type="checkbox"/> Health		

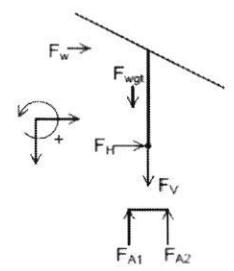
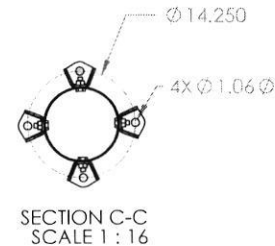
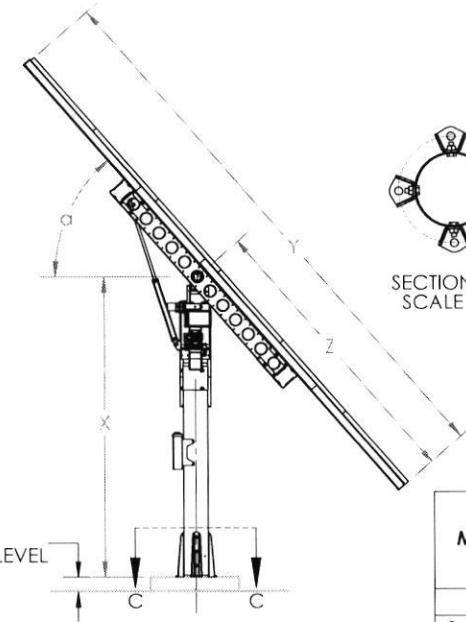
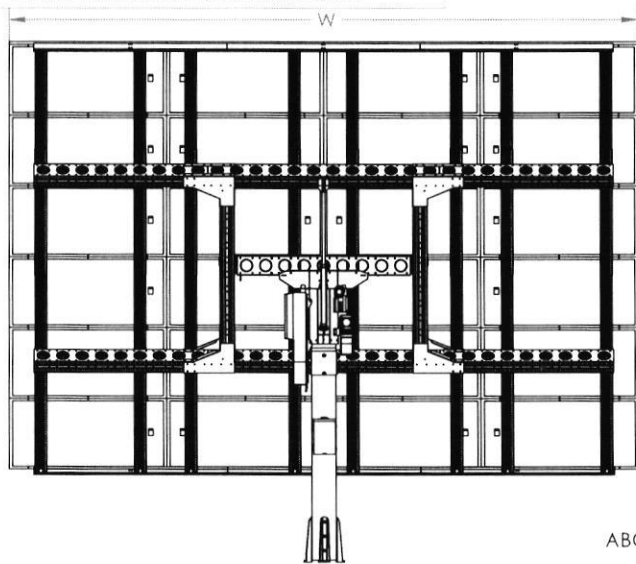
Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check	#

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ALLEARTH RENEWABLES, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF ALLEARTH RENEWABLES, INC. IS PROHIBITED.

REV	DESCRIPTION	DATE	APPROVED
0001.REL	INITIAL RELEASE	6/8/14	JZ
0002.REL	REDUCED MAXIMUM INSTALLATION HEIGHT	9/3/14	JZ

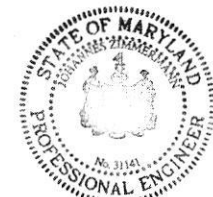


Model	Width(ft)	Panel Hgt (ft)	Height to Axle (ft)	Axle to bottom of array (ft)	Approx Wgt (lb)
	W	Y	X	Z	
Series 24	21.67	19.5	10.74	10.08	3100

Series 24 Tracker - Base Foundation Forces Due to Wind or Snow Loads + Dead Loads (W or S + D)

Load Case	See Notes	Wind Speed	Snow	Angle α	Forces at Max Moment			Absolute Max and Min Forces				
					Max Moment	Corresponding		F_{A1} or F_{A2}		F_V		F_H
						F_V	F_H	Max Ten.	Max Comp.	Max Down	Max Uplift	Max
1.2D+1.0W	2,4,7	100	0	7.5	-26,793	9,204	722	-21,394	24,863	10,647	-898	912
1.2D+1.0W	2,4,7	110	0	7.5	-32,191	10,355	874	-25,890	29,697	12,101	-1,868	1,103
1.2D+1.0W	2,4,7	120	0	7.5	-38,103	11,616	1,040	-30,814	34,991	13,694	-2,930	1,313
1.2D+1.0W	3	16 lbf/ft ²		0	-6,914	3,720	-527	-4,892	6,752	3,720	0	527
1.2D+1.0S	5	0	15	0	-2,953	10,058	0	28	5,001	10,058	0	0

- NOTES**
- 1) Compressive Loads are positive values
 - 2) Given forces are maximum values determined using multiple load combinations per ASCE7-10 Sec.27.4.3 Exposure B, $K_z=0.57, K_d=0.85, K_{zt}=1.0, h=11.5', G=1.1$
 - 3) See ASCE7-10 Sec. 27.1.5 (2nd Printing)
 - 4) The tracker controller automatically moves the tracker to the parked ($\alpha=0$) position if the wind speed exceeds 30 mph for 5 seconds as measured by the anemometer located on the tracker. An angle of 7.5° was chosen for the wind loading analysis to determine the loads due to installation of the tracker on a slope and non horizontal wind conditions
 - 5) Design ice/snow load = 15 lbf/ft². This is intended for single storm event as the tracker control will execute specific actions to clear the accumulated snow on a frequent/ daily basis and snow will not accumulate on the panels for extended periods of time.
 - 6) The structural elements of the tracker meet the requirements of the AISC Manual for Steel Construction, LRFD, 13th Edition Section 16.1 Chapter E.F. and H.
 - 7) ASCE7-10 Sec 2.3.2 basic combinations. $L=R=E=0$. Seismic forces were not considered. Design Loads are based on Load Combination 4.
 - 8) The tracker is intended for installation in conditions defined by ASCE7-10 for Exposure B. Exposure B is defined as "Urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single family dwellings or larger."
 - 9) Sites with unusual wind or ground conditions must be evaluated on a case by case basis by a qualified professional engineer



Johann Zimmermann

Digitally signed by Johann Zimmermann
DN: cn=Johann Zimmermann, o.ou,
email=zimmermannjohann@verizon.net,
c=US
Date: 2014.09.04 11:56:15 -0400

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE
FRACTIONS DECIMALS ANGLES
+/- 1/16 .X +/- .030 +/- .1
.XX +/- .015
.XXX +/- .005
MATERIAL
FINISH
UNLESS OTHERWISE SPECIFIED

CAD GENERATED DRAWING.
DO NOT MANUALLY UPDATE
DRAWN
RESPONSIBLE ENG APPROVAL
CHECKED BY
SCALE
1:1

ALLEARTH RENEWABLES

SET1624_Series_24_Tracker_w_Inverter

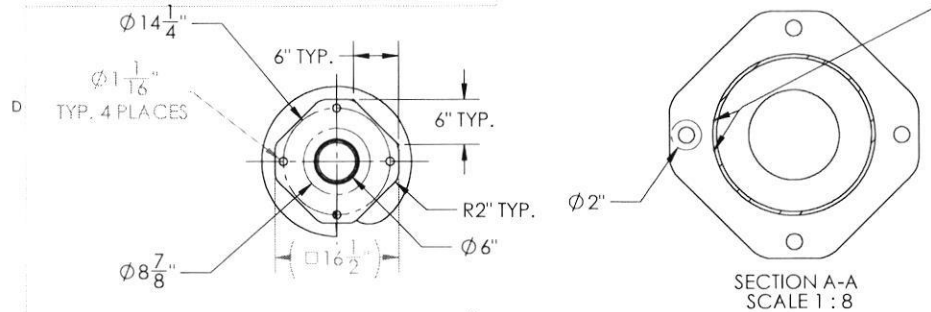
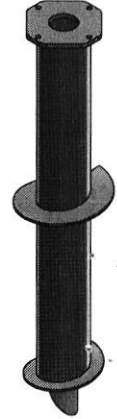
DATE
DATE
DATE
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FOLDER: C:_SW_RevA

SHEET DRAWING #
NET2118
1 OF 1

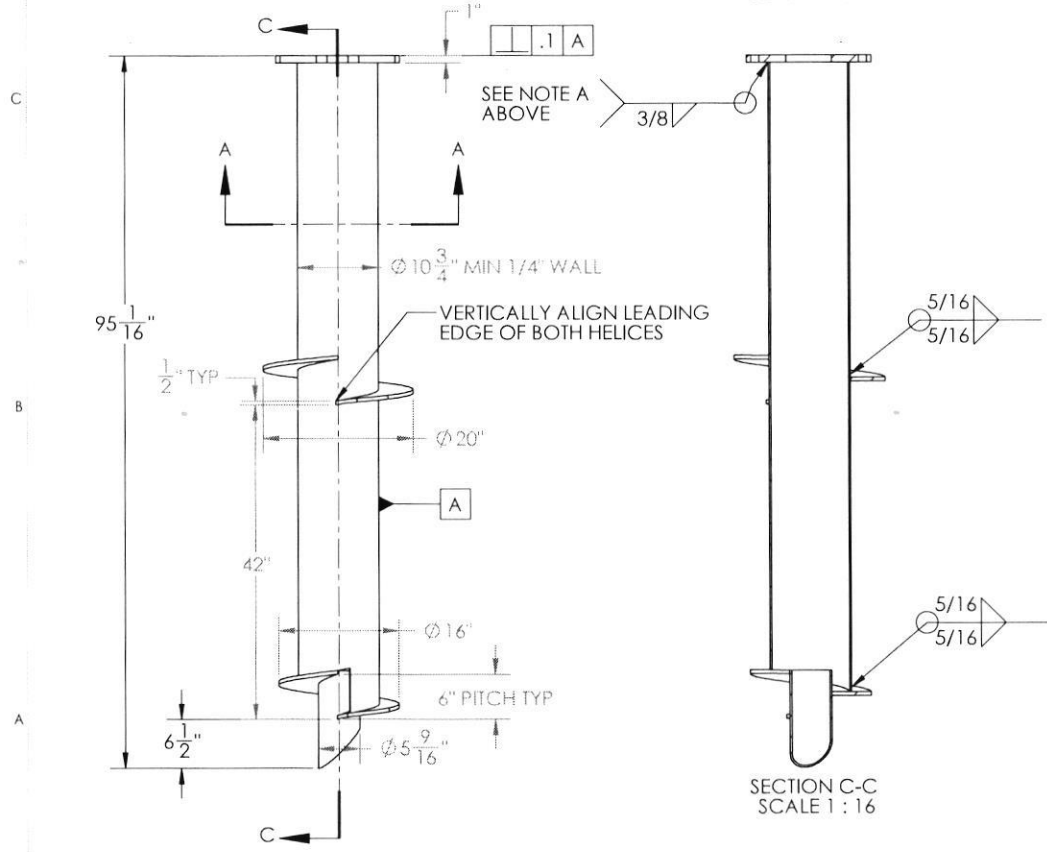
REV
0001.REL

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REV.	DESCRIPTION	DATE	APPROVED
0001	REL. INITIAL RELEASE	9/3/14	JJ



NOTE A: WELD IN INDICATED AREA MUST ALLOW FOR A 1" ID ASTM F436 FLAT WASHER (2" OD) CENTERED ON THE BOLT HOLE TO SIT FLAT ON THE UNDERSIDE OF THE PLATE. (TYP. 4 PLACES)



Minimum Allowable Soil Bearing Pressure Needed(psf)				
ASCE7-10 Wind Speed(mph)	Vertical		Lateral	
	Tracker Series		Tracker Series	
	20	24	20	24
100	1500	1750	100	120
110	1750	2000	120	145
120	2000	2500	145	175

NOTES

- 1) SHAFT TO EXCEED REQUIREMENTS TO MINIMUM YIELD STRENGTH OF 55KSI AND MINIMUM TENSILE STRENGTH OF 75KSI
 - 2) STRUCTURAL INTEGRITY OF STEEL HELIX TO CONFORM TO A572 GRADE 50
 - 3) ALL WELDING TO BE PERFORMED BY SHOP QUALIFIED WELDER TO AWS D1.1 STRUCTURAL WELDING CODE - STEEL
 - 4) GALVANIZING PER ASTM A153/ASTM A123
 - 5) MAXIMUM TORQUE NOT TO EXCEED 40,000 FT-LBS
 - 6) WEIGHT OF SHIPPED BUNDLES NOT TO EXCEED 3000LBS
 - 7) INSTALL HELICAL PIER TO BE 4" TO 6" ABOVE GRADE
 - 8) THIS DESIGN IS PROVIDED FOR REFERENCE ONLY AND SHOULD BE USED ONLY WITH THE CONSULT OF A LOCAL ENGINEER AS TO THE SUITABILITY OF THE DESIGN FOR LOCAL SOIL CONDITIONS
 - 9) HARDWARE
 - (4) ASTM A325 1-8 X 4 HOT DIPPED GALVANIZED BOLTS
 - (12) F436 HOT DIPPED GALVANIZED WASHERS
 - (4) ASTM A563 GRADE DH 1-8 HOT DIPPED GALVANIZED NUTS
- **IN 120MPH WIND ZONES USE ASTM A490 1-8 X 4 DACROMET COATED BOLTS

DO NOT SCALE DRAWING
INTERPRET DWG
3RD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
+/- 1/16 X +/- .050 +/- 1
XX +/- .030
XXXX +/- .020

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

ALLEARTH RENEWABLES

SET1489_Helical_Pile 14.25in BC

DRAWN	DATE	SHEET	DRAWING #	REV
RESPONSIBLE ENG APPROVAL	DATE	B	SET1489	0001.1
CHECKED BY	DATE			

SCALE 1:24
MATERIAL HOT DIP GALVANIZED
CAD FILE: SET1489_Helical_Pile_14.25in_14_Stamped
FOLDER: C:\16_3W\Rev

SHEET 1 OF 1

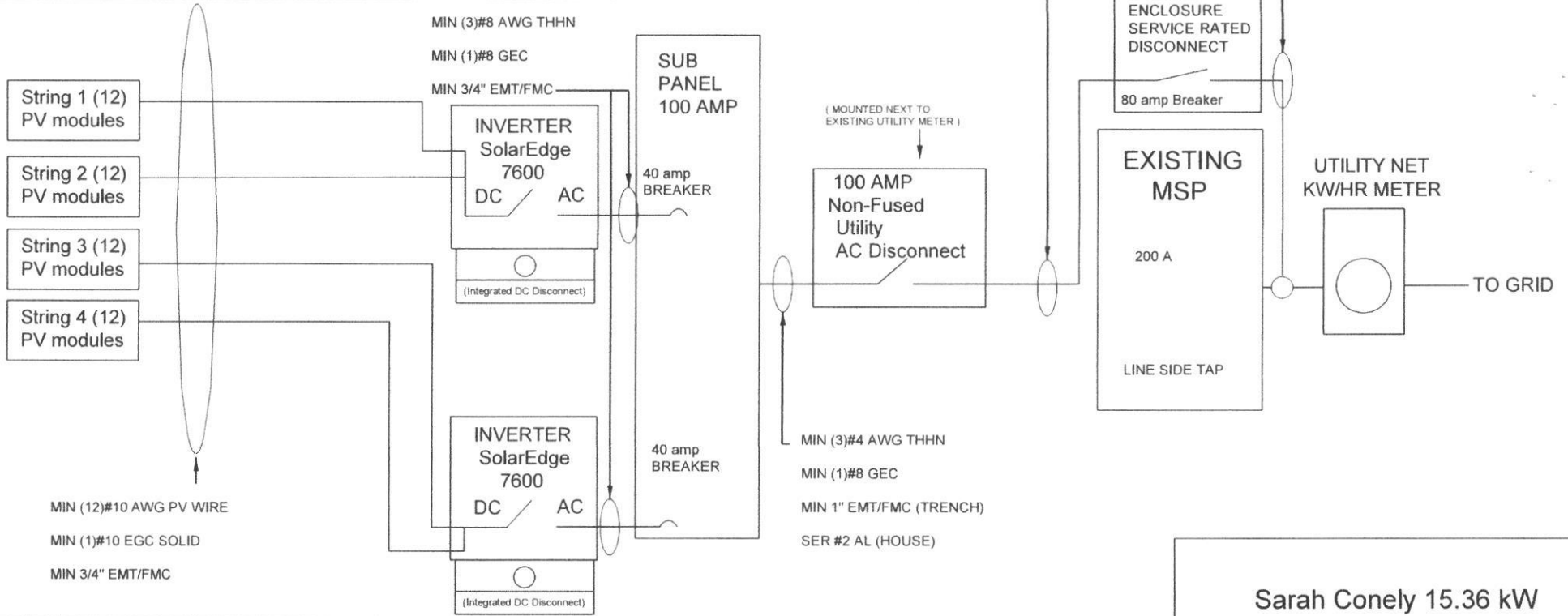
PV MODULE SPECS:
 (48) LG 320 W
 Module Weight: 37.5 lbs
 Module Length: 64.57"
 Module Width: 39.37"
 Frame: 1.57" (40mm)

INVERTER SPECS
 (2) SOLAREGE SE7600A-US
 OPERATING CURRENT (IMP): 23 A
 OPERATING VOLTAGE (VMP): 350 VDC
 MAX SHORT CIRCUIT CURRENT (ISC): 30 A
 MAX SYSTEM VOLTAGE(VOC): 500 VDC

AC OUTPUT
 SYSTEM VOLTAGE: 240 VAC
 SYSTEM AMPERAGE: 64 A

MIN (3)#4 AWG THHN
 MIN (1)#8 GEC
 MIN 1" EMT/FMC

ONE-LINE

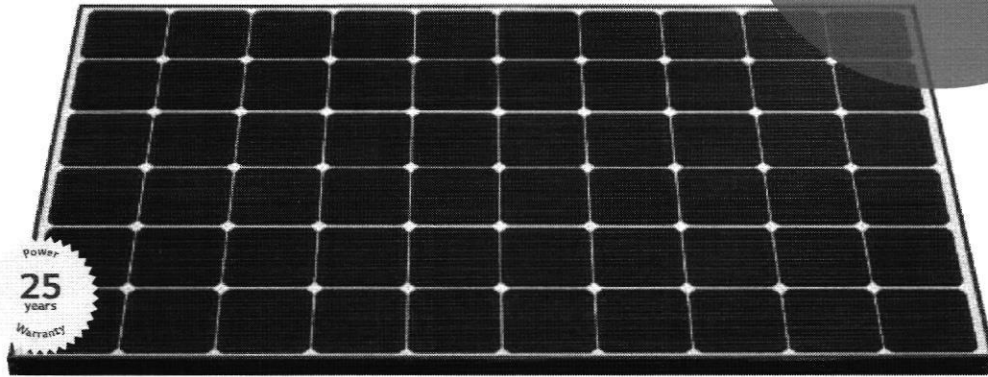


- ELECTRICAL NOTES:**
1. ALL EQUIPMENT IS LISTED FOR USE.
 2. INSTALLER TO FOLLOW NEC LOCAL JURISDICTION GUIDELINES.
 3. ALL LABELS, MARKINGS TO FOLLOW ARTICLE 690 (IV).
 4. THE POINT OF CONNECTION COMPLIES WITH CEC/NEC ARTICLE 690.64(B).
 5. ALL WIRE, VOLTAGES, AMPERAGES, EQUIPMENT IS SIZED ACCORDING TO TEMPERATURE DERATING LOCATION.
 6. DISCONNECTS SHALL BE WIRED SO THAT SOLAR DC WIRES ARE ON THE LINE SIDE. THE AC UTILITY WIRES ARE ON THE LINE SIDE.
 7. MAXIMUM VOLTAGE DOES NOT EXCEED 600VDC.
 8. ALL MODULES RACKING SHALL BE GROUNDED WITH TIN BURIAL RATED LAY IN LUOS USING STAINLESS STEEL HARDWARE, STAR WASHERS, THREAD FORMING BOLTS.
 9. ALL EQUIPMENT SHALL BE GROUNDED, INCLUDING BONDING JUMPERS WHERE NECESSARY ACROSS RAIL SPLICE PLATES TO BOND INDIVIDUAL PIECES OF RAIL.
 10. ONLY COPPER (CU) CONDUCTORS SHALL BE USED, STRANDED OR SOLID WITH PROPERLY RATED CONDUCTORS.
 11. INVERTERS CONTAIN A GROUND FAULT DETECTION INTERRUPTION DEVICE.
 12. ALL EQUATION ACCOUNT FOR WORST CASE CONDITIONS.

Sarah Conely 15.36 kW
 3205 JONES RD
 WOODBINE, MD 21797
 301-461-1623
 conelygang@gmail.com



Innovation for
a Better Life



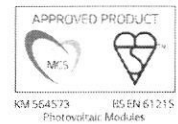
Extended 2 years
Produce
12
years
Warranty

Power
25
years
Warranty

LG NeON™ 2 **LG320N1C-G4**

60 cell

LG's new module, LG NeON™ 2, adopts Cello technology. Cello technology replaces 3 busbars with 12 thin wires to enhance power output and reliability. LG NeON™ 2 demonstrates LG's efforts to increase customer's values beyond efficiency. It features enhanced warranty, durability, performance under real environment, and aesthetic design suitable for roofs.



Enhanced Performance Warranty

LG NeON™ 2 has an enhanced performance warranty. The annual degradation has fallen from -0.7%/yr to -0.6%/yr. Even after 25 years, the cell guarantees 2.4% more output than the previous LG NeON™ modules.



High Power Output

Compared with previous models, the LG NeON™ 2 has been designed to significantly enhance its output efficiency, thereby making it efficient even in limited space.



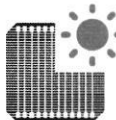
Aesthetic Roof

LG NeON™ 2 has been designed with aesthetics in mind; thinner wires that appear all black at a distance. The product may help increase the value of a property with its modern design.



Outstanding Durability

With its newly reinforced frame design, LG has extended the warranty of the LG NeON™ 2 for an additional 2 years. Additionally, LG NeON™ 2 can endure a front load up to 6000 Pa, and a rear load up to 5400 Pa.



Better Performance on a Sunny Day

LG NeON™ 2 now performs better on sunny days thanks to its improved temperature coefficient.



Double-Sided Cell Structure

The rear of the cell used in LG NeON™ 2 will contribute to generation, just like the front; the light beam reflected from the rear of the module is reabsorbed to generate a great amount of additional power.

About LG Electronics

LG Electronics is a global player who has been committed to expanding its capacity, based on solar energy business as its future growth engine. We embarked on a solar energy source research program in 1985, supported by LG Group's rich experience in semi-conductor, LCD, chemistry, and materials industry. We successfully released first Mono X® series to the market in 2010, which were exported to 32 countries in the following 2 years, thereafter in 2013, NeON™ (previously known as Mono X® NeON) & 2015 NeON2 with CELLO technology won "Intersolar Award", which proved LG is the leader of innovation in the industry.



for SFD Construction is

Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.:

B16005379

Building Address: 3205 Jones Rd.
 City: Woodbine State: MD Zip Code: 21797
 Suite/Apt. #: _____ SDP/WP/BA #: _____
 Census Tract: 6056.01 Subdivision: Duplan Property
 Section: _____ Area: _____ Lot: 2
 Tax Map: 13 Parcel: 87 Grid: 22
 Zoning: RC-DEO Map Coordinates: _____ Lot Size: 3.8891 ac

Existing Use: Vacant
 Proposed Use: Install propane tank only at new SFD
 Estimated Construction Cost: \$ 3500.00
 Description of Work: Install 1 - 1000 gallon propane tank - In-Ground

Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: Richard & Ae Un Conely
 Address: 2007 Birthday Ct.
 City: Brookeville State: MD Zip Code: 20833
 Phone: 301-461-1623 Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: Marc Quint - Mitchell & Best Homes
 Address: 1686 E. Gude Drive
 City: Rockville State: MD Zip Code: 20850
 Phone: 301-762-9511 ext 318 Fax: 301-610-9564
 Email: MQuint@MitchellBest.com

Contractor Company: National Propane Buyers Co-Op
 Contact Person: David Jaray
 Address: 22318 Clarksburg Rd.
 City: Boysds State: MD Zip Code: 20841
 License No.: 67631
 Phone: 301-515-0098 Fax: _____
 Email: NPBC@NBPCGAS.net

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

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	<u>Depth</u>	<u>Width</u>
Gross area, sq. ft./floor:	1 st floor: <u>112'</u>	<u>63'</u>
Area of construction (sq. ft.):	2 nd floor: <u>112'</u>	<u>63'</u>
Use group:	Basement: <u>112'</u>	<u>63'</u>
<u>Construction type:</u>	<input checked="" type="checkbox"/> Finished Basement	
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Unfinished Basement	
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Crawl Space	
<input type="checkbox"/> Masonry	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Wood Frame	No. of Bedrooms: <u>7</u>	
<input type="checkbox"/> State Certified Modular	<u>Multi-family Dwelling</u>	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	No. of efficiency units:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No. of 1 BR units:	
Roadside Tree Project Permit #	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
	Footings:	
	Roof:	
	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
<u>Water Supply</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<u>Sewage Disposal</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<u>Heating System</u>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<u>Sprinkler System:</u>	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

HE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN HIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: [Signature]
 MQuint@MitchellBest.com
 mail Address: _____
 Operations Manager
 title/Company: _____

Print Name: Marc Quint
 Date: 12/15/2016

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY

FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>12/15/16</u>	<u>[Signature]</u>

D?Z SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-Line approval date:	

Filing Fee	\$ <u>110.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check #	<u>001917</u>

Number of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

ons\Updated Forms\Building applmp 8.2012.docx

DEC 15 2016
 RECEIVED
 LICENSES & PERMITS DIVISION



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: _____

Permit No.: **B15004652**

PROBLEM ADDRESS

Building Address: **3140 Jones Road** **3205 Jones Road**
City: **Woodbine** State: **MD** Zip Code: **21797**
Suite/Apt. #: _____ SDP/WP/BA #: **F-14-094**
Census Tract: _____ Subdivision: **0000**
Section: _____ Area: _____ Lot: _____
Tax Map: **0013** Parcel: **0087** Grid: **0022**
Zoning: **RG-DEO** Map Coordinates: _____ Lot Size: **3.8891ac**

Property Owner's Name: **Richard and Ae Un(Sarah) Conely**
Address: **2007 Birthday Court**
City: **Brookeville** State: **MD** Zip Code: **20833**
Phone: **301-461-1623** Fax: _____
Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name: _____
Address: _____
City: _____ State: _____ Zip Code: **20850**
Phone: _____ Fax: _____
Email: _____

Contractor Company: **Mitchell & Best Next Door LLC**
Contact Person: **Curt Adkins**
Address: **1686 E. Gude Dr.**
City: **Rockville** State: **MD** Zip Code: **20850**
License No.: **7330**
Phone: **301-762-9511** Fax: _____
Email: **cadkins@mitchellbest.com**

Engineer/Architect Company: **VanMar/Hutchinson**
Responsible Design Prof.: **Bruce Hutchinson**
Address: **11820 Parklawn Dr.**
City: **Rockville** State: **MD** Zip Code: **20852**
Phone: **301-770-9680** Fax: **301-770-9163**
Email: **hutchcha@aol.com**

Existing Use: **Vacant**
Proposed Use: **Single Family House**
Estimated Construction Cost: \$ **650,000**
Description of Work: **Wellington C elevation; 11RM, 5BR, 7FB, 2HB, 2 car garage; 2car detached garage; finished basement; areaway 1FP-seeking a silver certification level of the Nat. green build. std**
Occupant or Tenant: **icc700 through 3rd party verification by Pando**
Was tenant space previously occupied? Yes Alliance No
Contact Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor: 112'6"	63'5"
Area of construction (sq. ft.):	2 nd floor: 112'6"	63'5"
Use group:	Basement: 112'6"	63'5"
	<input checked="" type="checkbox"/> Finished Basement	
	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
	<input type="checkbox"/> Slab on Grade	
Construction type:	No. of Bedrooms: 5	
<input type="checkbox"/> Reinforced Concrete	Multi-family Dwelling	
<input type="checkbox"/> Structural Steel	No. of efficiency units:	
<input type="checkbox"/> Masonry	No. of 1 BR units:	
<input checked="" type="checkbox"/> Wood Frame	No. of 2 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number:	615000343
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Curt Adkins
cadkins@mitchellbest.com
Email Address
Mitchell & Best Next Door, LLC
Title/Company

Print Name: Curtis W Adkins
Date: 10/22/2015

RECEIVED

OCT 22 2015

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY
FOR OFFICE USE ONLY

LICENSES & PERMITS DIVISION

AGENCY	DATE	SIGNATURE OF APPROVAL
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Officials		
<input checked="" type="checkbox"/> PSZA (Zoning)		
<input checked="" type="checkbox"/> PSZA (Engineering)		
<input checked="" type="checkbox"/> Health		<u>M.P.D. Baird</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	<u>15</u>
Rear:	<u>60</u>
Side:	<u>30</u>
Side St.:	
All minimum setbacks met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Historic District?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ <u>100</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50.00</u>
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check #	<u>121449</u>

Distribution of Copies: White: Building Officials

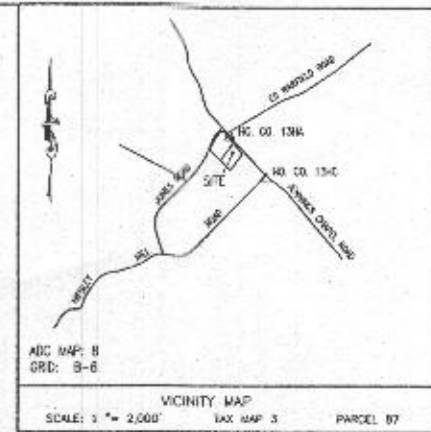
Green: PSZA, Zoning

Yellow: PSZA, Engineering

Pink: Health

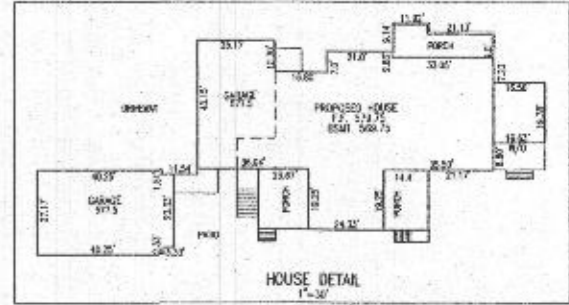
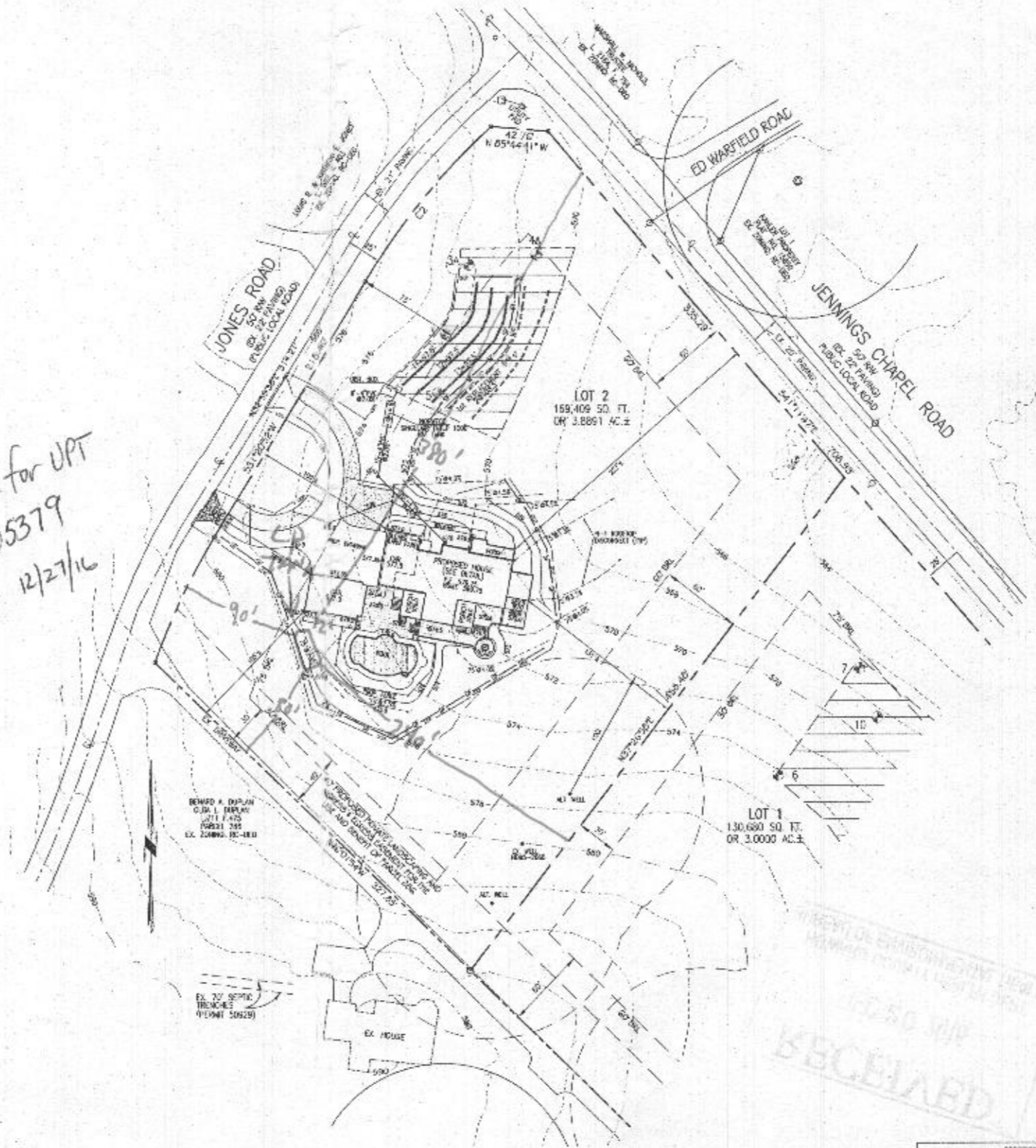
Gold: SHA

MITHU (yes)



- GENERAL NOTES**
1. THE EXISTING TOPOGRAPHY IS SHOWN FROM A FIELD SURVEY WITH MORNAN TWO POINT CONTROL POINTS PREPARED BY MORNAN ASSOCIATES, INC. DATED OCTOBER 29, 2011.
 2. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 3. ZONING DISTRICT: RC-DEO
 4. LOT OF SURVEYANCE (LOS) = 41,330 SQFT
 5. THERE ARE NO STREAMS, POND, FLOODPLAIN OR WETLANDS ON THIS LOT.
 6. STORMWATER MANAGEMENT IS PROVIDED UNDER CHAPTER 5, OF THE 2008 ORDINANCE TO THE 2008 MD SUBDIVISIONS DESIGN MANUAL. THESE REQUIREMENTS ARE BEING MET BY THE USE OF STORM AND NON-ROOFTOP RUNOFF STORAGE. ALL STORMWATER MANAGEMENT IS SUBJECT TO THE DETERMINATION OF GOVERNMENT RECORDS SUBMITTED WITH THE PLAN.
 7. SEE SITE PLAN FOR BAY TECHNOLOGY FOR APPROVED SEWING SYSTEM PLAN.

Approved for UPT
B16005379
RAT 12/27/16



ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT AND THE 2011 MARYLAND STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

Donald E. Thompson
DONALD E. THOMPSON, P.E. DATE: 6/14/2016

RECEIVED
DEC 20 2016
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 12427. Expiration Date: 9-18-17.

DATE	REVISIONS
09/22/15	ISE, LOS, & P&ID
06/22/16	P&ID & P&ID



PLOT PLAN
DUPLAN SUBDIVISION
LOT 2
#3205 JONES ROAD

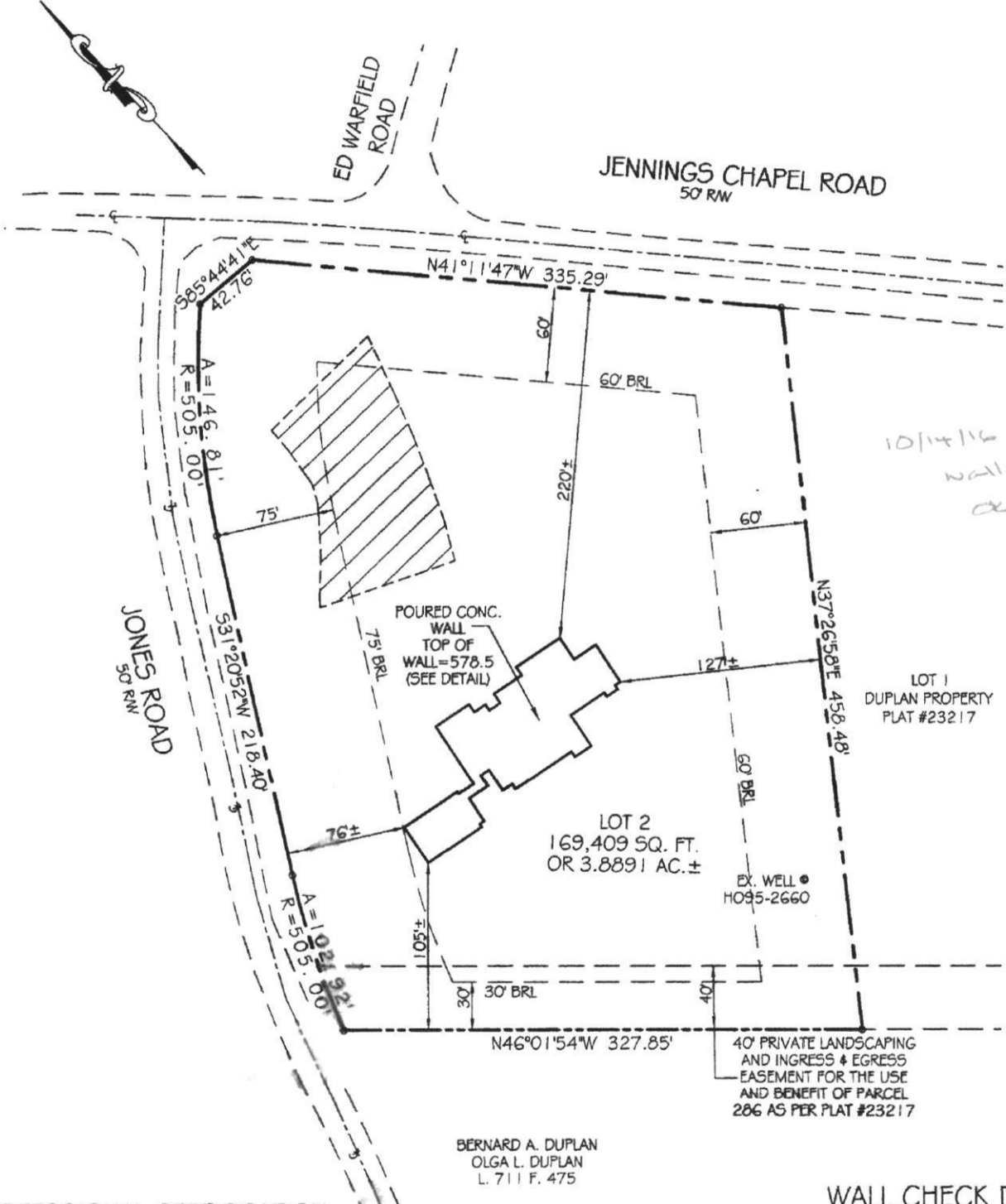
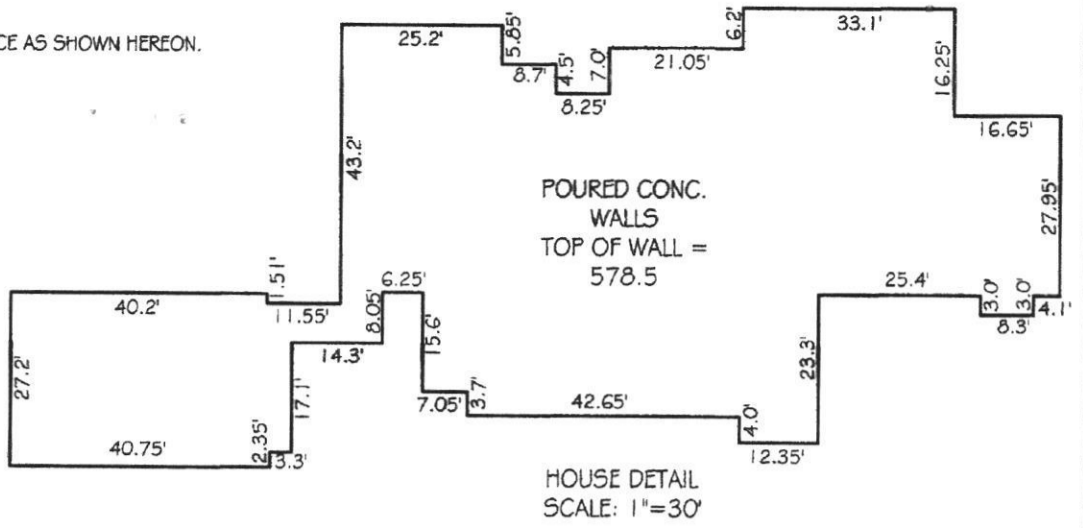
TAX MAP: 13 ELECTION DISTRICT: No. 4 SCALE: 1" = 50'
GRID NO: 22 HOWARD COUNTY, MARYLAND DATE: JUNE, 2015
PARCEL NO: 87 EX. ZONING: RC-DEO SHEET 1 OF 2

OWNER:
Arlin CONLEY
2907 BRIDGEMAN COURT
BROCKMILL, MARYLAND 20833
301-461-1623

DEVELOPER:
MICHELL BEST NEXT DOOR LLC
1605 EAST CREEK DRIVE
ROCKVILLE, MARYLAND 20850
703-925-3548

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South State Street, Fourth Floor, Maryland 21177
(301) 859-2665 (301) 831-5015 (410) 549-2751
Fax: (301) 831-8663 ©Copyright, Daniel Dale Stewart

- NOTES:
 1. FOUNDATION AND FOOTINGS ARE IN PLACE AS SHOWN HEREON.
 2. TOP OF WALL = 578.5



BERNARD A. DUPLAN
 OLGA L. DUPLAN
 L. 711 F. 475

PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21097, EXPIRATION DATE JULY 26, 2017, IN ACCORDANCE WITH COMAR 09.13.06.12.

For VanMar Associates, Inc. No. 21097 Date 8/24/16
 Thomas L. Frazier, Jr. PROFESSIONAL LAND SURVEYOR

**WALL CHECK DRAWING
 LOT 2
 DUPLAN PROPERTY**

PLAT NO. 23217
 3205 JONES ROAD
 ELECTION DISTRICT NO. 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' JULY, 2016
 REVISED 8/24/16: EX. WELL

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street Mount Airy, Maryland 21771
 (301) 829-2890 (301) 831-5015 (410) 549-2751
 Fax (301) 831-5603 ©Copyright, Latest Date Shown

REFERENCE	JOB NO.
PLAT NO. 23217	B5-5483

Q:\AutoDesk\Jobs\B3-5350 Duplan Property Lots 1&2\DWG\lot 2.dwg, 8/24/2016 10:16:06 AM, 1:1