

133165 - Reginald Elgin
172-01 107 Avenue, Jamaica

Bill Of Materials				
Serial #	Count	Full Name	Actual Used	Internal ID
HEY0001	156	Wire clips: HEYCO SUNRUNNER WIRE CLIP		1234
ECX2001	52	ECO-X V2 FLASHING, COMP SHINGLES		1237
ECX2002	52	ECO-X V2 BASE, COMP SHINGLES		1238
ECX2003	52	ECO-X V2 CLAMP ASSEMBLY		1239
ECX2004	31	ECO-X V2 COUPLING ASSEMBLY		1240
LGE0003	26	LG 315N1C-G4		1252
QMT0003	26	40mm Bracket		1251
SLE0022	26	P320		1257
ECX2006	15	ECO-X V2 LANDSCAPE SKIRT		1242
				1243
ILS0001	3	Grounding lug: IlSCO SGB-4 PV		1232
SLE0014	1	SE7600A-US		1211
SLE0008	1	≥4kW <7.6kW Inverter Warranty Extension		106
SLE0013	1	Zigbee/Ethernet Gateway + Slave Kit		1206

System Design Authorization:

This document describes Your System and authorizes Level Solar to install the System on your roof. Level Solar will install and maintain the System at no cost (\$0) to you, and guarantee that the System will produce at least 179,000 kWh over the term of the agreement. Level Solar is required by law to provide you with certain disclosures which apply to any home improvement that you purchase. Please see below. We look forward to serving you.

Photography Release:

You grant Level Solar the right to publicly use, display, share and advertise photographic images of Your System and property related to the installation. Any personally identifiable information about you will not be disclosed. You may opt-out by providing written notice and mailing to: Level Solar Inc. Attention: Marketing Opt-Out, 236 W. 30th St. #1000, New York, NY 10001.

Customer Information:

Customer Name: Reginald Elgin
Customer Address: 172-01 107 Avenue
Jamaica, NY 11433
Installation Cost: \$0

System Description:

Array Size: 8.190 kW
Number of Solar Modules: 26
Make of Solar Modules: LG
Number of Solar Inverters: 1
Make of Solar Inverters: SolarEdge

Required General Business Code Disclosures (Section 771):

- The contractor or subcontractor who performs on the contract or the materialman who provides home improvement goods or services and is not paid may have a claim against the owner which may be enforced against the property in accordance with the applicable lien laws. **Any contractor, subcontractor, or materialman who provides home improvement goods or services pursuant to Your home improvement contract and who is not paid may have a valid legal claim against Your property known as a mechanic's lien. Any mechanic's lien filed against Your property may be discharged. Payment of the agreed-upon price under the home improvement contract prior to filing of a mechanic's lien may invalidate such lien. The owner may contact an attorney to determine his rights to discharge a mechanic's lien.**
- The contractor is required to deposit all payments received from You prior to substantial completion of the work in a separate bank account no later than five (5) business days after receipt by the contractor. In lieu of such deposit, the home improvement contractor may post a bond, contract of indemnity or irrevocable letter of credit with the owner guaranteeing the return or proper application of such payments to the purposes of the contract
- It is anticipated that the solar installation will be completed on the scheduled installation date above. Level Solar and You have determined that agreeing to a definitive completion date is not of the essence.

Authorization:

I authorize Level Solar to install the solar photovoltaic system described above on my property.

(signature)

(install date)



DRIVEWAY

DRAFT

ROOF 1
(11 PANELS @ 315 WATTS EACH)

ROOF 3
(12 PANELS @ 315 WATTS EACH)

ELECTRICAL METER
AND ESTIMATED
INVERTER LOCATION

ROOF 2
(3 PANELS @ 315 WATTS EACH)

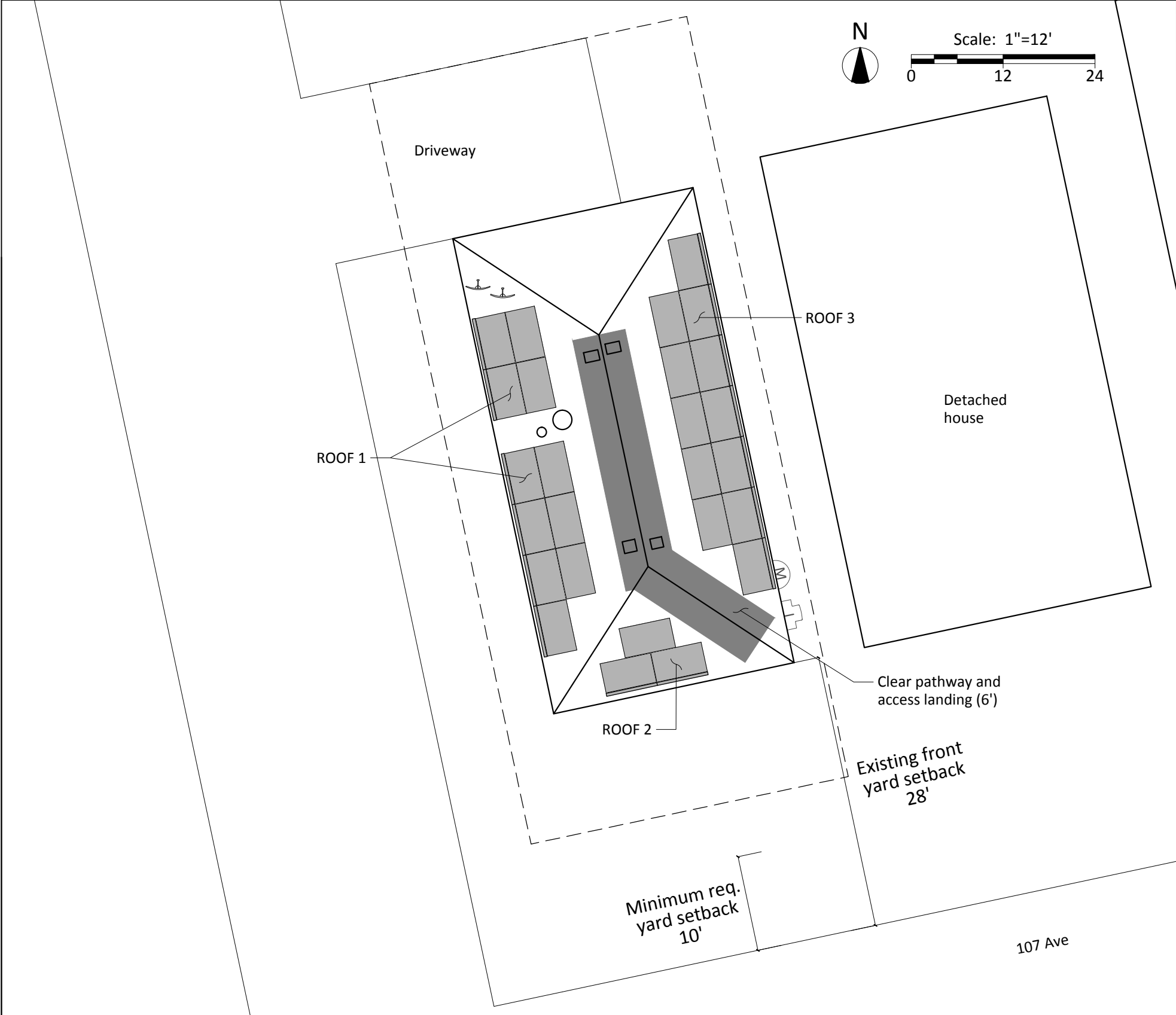
ARRAY SYSTEM SIZE: 8.190 kW
ESTIMATED PRODUCTION: 9,400 kWh/yr
APPROXIMATE CONSUMPTION: 9,500 kWh/yr
MODULE TYPE: LG 315N1C-G4
INVERTER TYPE: SolarEdge Technologies SE7600A-US

133165 - Reginald Elgin
172-01 107 Avenue
Jamaica, NY, 11433

3 |

LEVEL SOLAR
844-GO-LEVEL SERVICE@LEVEL.SOLAR.COM

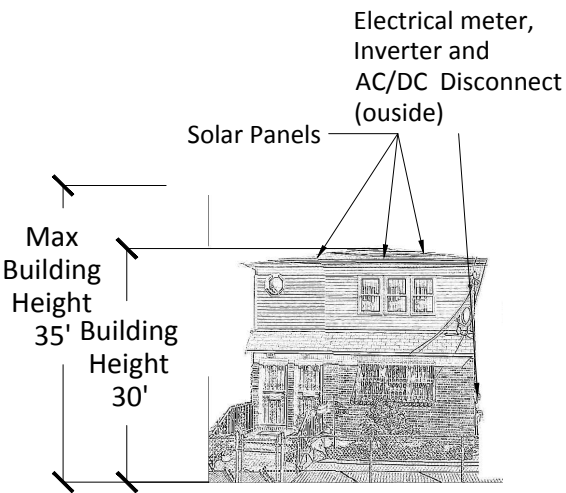
V 1



Legend

- Electrical meter and AC Disconnect (Existing)
- Inverter and DC Disconnect (Proposed)
- Solar Panel (Proposed)
- Plumbing Vent (Existing)
- Property Boundary

South elevation/front plan



This building complies with ZR 23-62(m): Solar panels are a permitted obstruction which shall be permitted to penetrate a maximum height limit or sky exposure plane

DOB Approval Stamp

Seal & Signature

LEVEL SOLAR
844-GO-LEVEL SERVICE@LEVELSOLAR.COM

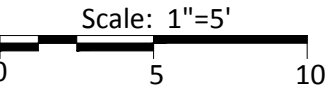
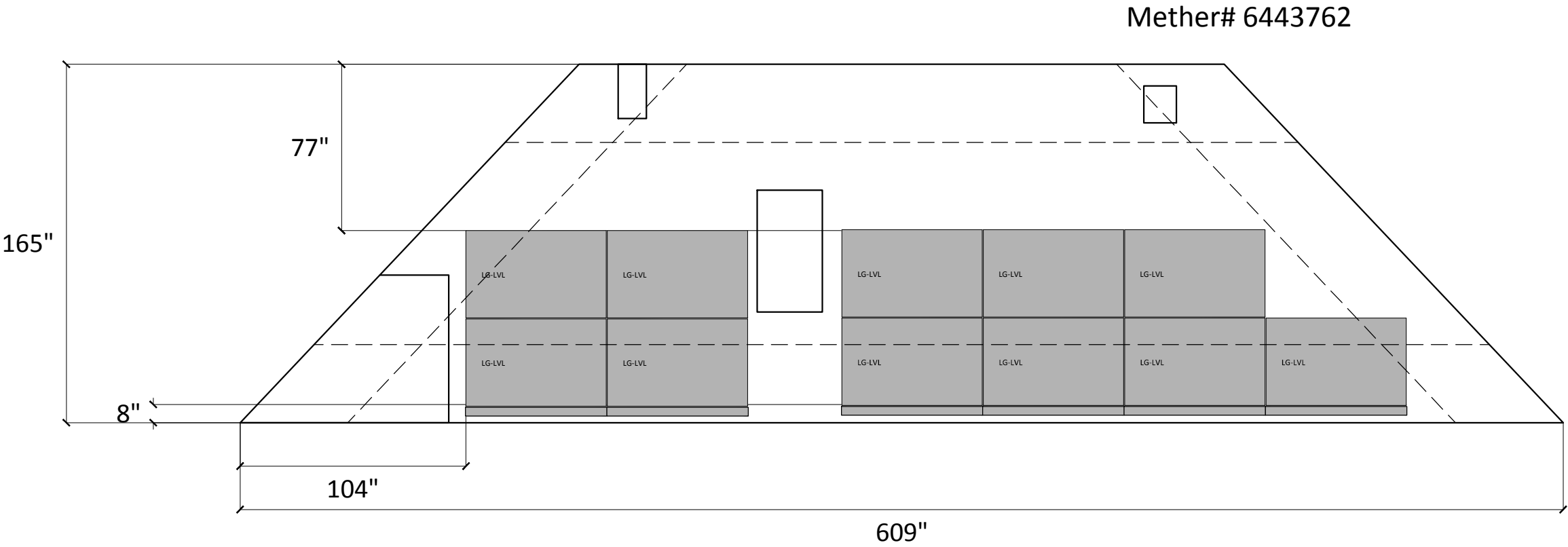
SITE PLAN - ELEVATION PLAN

133165 - Reginald Elgin
172-01 107 Avenue
Jamaica, NY, 11433

Date:	11/4/2016	Rev:	01
Design By:	Lennon Wu	Check By:	Skyler Bloxham
Draw:	A-001.01	Sheet:	2 of 8

SYSTEM INFORMATION (refer to the following pages for additional details)		Roof Name	Slope (deg)	# of mods	Distributed weight (psf)	Weight/Loading points (lbs)	ZONING INFORMATION	
Total # of mods	26	Roof 1	21°	11	2.9	25.6	Borough	Queens
Module type	LG 315N1C-G4	Roof 2	21°	3	2.9	25.6	Block - Lot	10231 - 124
Module size	315 Watt	Roof 3	21°	12	2.9	25.6	Lot Dimension	40' x 100'
Module weight	45.2 lbs						Zoning	R4-1
Module area	17.65 sq ft						Zoning Map	14D

RIDGE ON TOP ↑
EAVE ON BOTTOM ↓



Attachments to the existing truss top chords or rafters must be staggered so as not to overload any existing structural member

#	Landscape		Portrait		MAX HEIGHT OF PANEL ABOVE ROOF SURFACE NOT TO EXCEED 6"	2x6 Rafter Members @ 16" O.C.				
	Over	Up	Over	Up		Interior	Edge	Corner	Wind Zone	
1	65.5	40.5	39.5	65.75						
2	131	81	79	131.5						
3	196.5	121.5	118.5	197.25	LANDSCAPE	Max Spacing (in)	64	48	32	36
4	262	162	158	263		Max Cantiliver (in)	23	19.7	15.9	
5	327.5	202.5	197.5	328.75	PORTRAIT	Max Spacing (in)	48	32	32	
6	393	243	237	394.5		Max Cantiliver (in)	18	15.4	12.2	

Seal & Signature

LEVEL SOLAR
844-GO-LEVEL SERVICE@LEVELSOLAR.COM

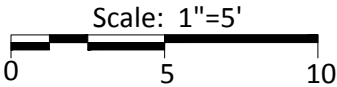
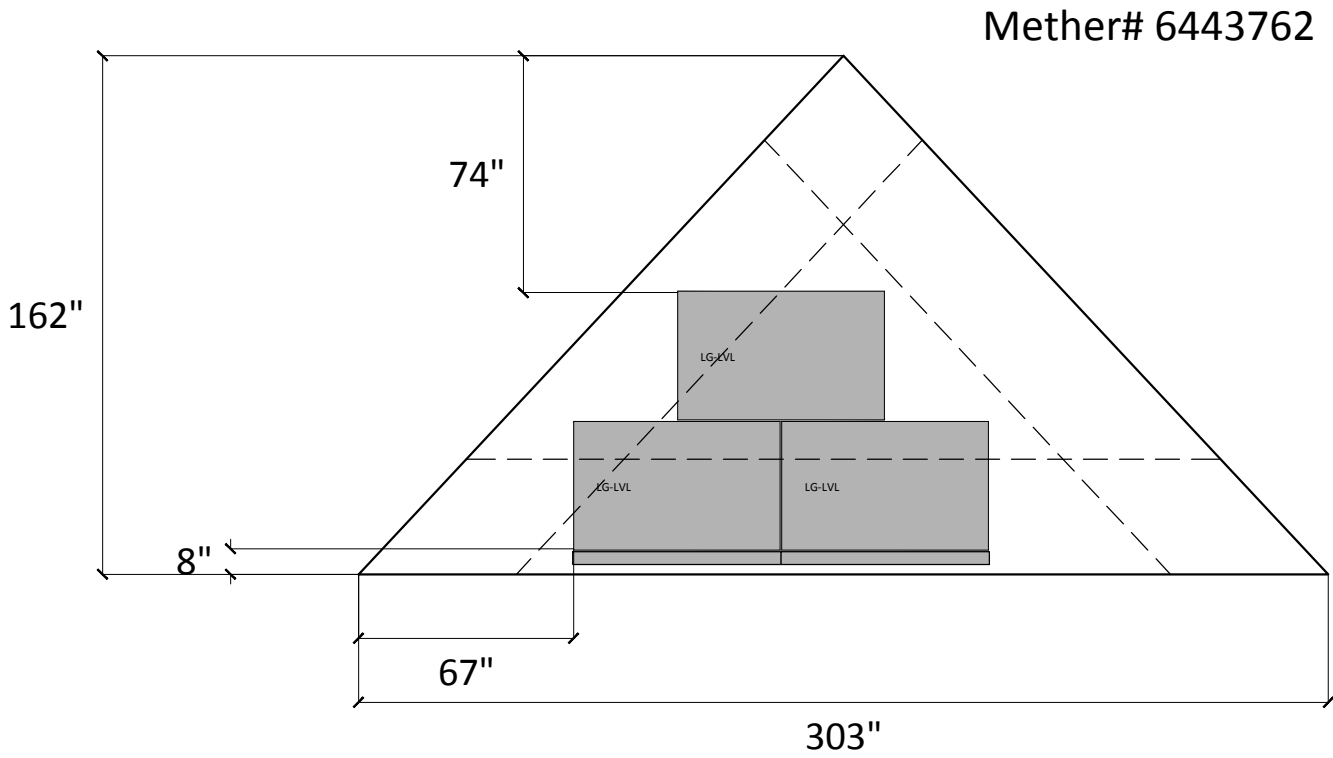
DOB Approval Stamp

INSTALL PLAN - ROOF 1

133165 - Reginald Elgin
172-01 107 Avenue
Jamaica, NY, 11433

Date:	11/4/2016	Rev:	01
Design By:	Lennon Wu	Check By:	Skyler Bloxham
Draw:	A-003.01	Sheet:	4 of 8

RIDGE ON TOP ↑
EAVE ON BOTTOM ↓



Attachments to the existing truss top chords or rafters must be staggered so as not to overload any existing structural member

#	Landscape		Portrait		MAX HEIGHT OF PANEL ABOVE ROOF SURFACE NOT TO EXCEED 6"	2x6 Rafter Members @ 16" O.C.				
	Over	Up	Over	Up		Interior	Edge	Corner	Wind Zone	
1	65.5	40.5	39.5	65.75						
2	131	81	79	131.5						
3	196.5	121.5	118.5	197.25	LANDSCAPE	Max Spacing (in)	64	48	32	36
4	262	162	158	263		Max Cantiliver (in)	23	19.7	15.9	
5	327.5	202.5	197.5	328.75	PORTRAIT	Max Spacing (in)	48	32	32	
6	393	243	237	394.5		Max Cantiliver (in)	18	15.4	12.2	

Seal & Signature

LEVEL SOLAR
844-GO-LEVEL SERVICE@LEVELSOLAR.COM

DOB Approval Stamp

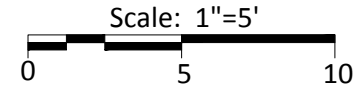
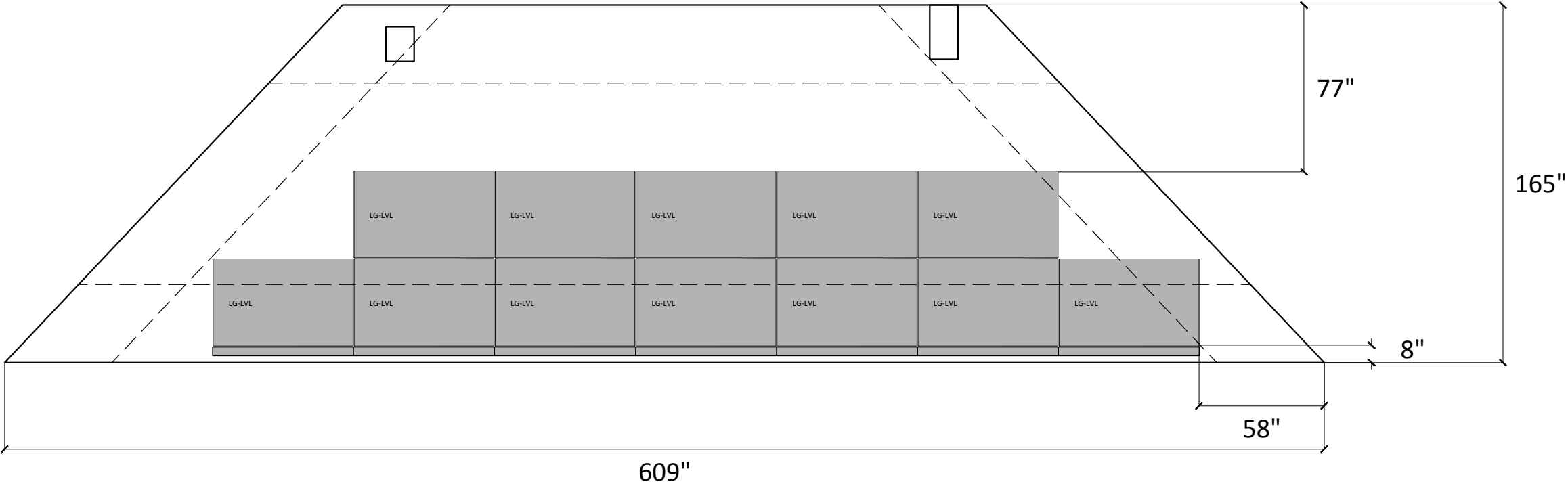
INSTALL PLAN - ROOF 2

133165 - Reginald Elgin
172-01 107 Avenue
Jamaica, NY, 11433

Date:	10/25/2016	Rev:	01
Design By:	Lennon Wu	Check By:	Skyler Bloxham
Draw:	A-004.01	Sheet:	5 of 8

RIDGE ON TOP ↑
EAVE ON BOTTOM ↓

Mether# 6443762



Attachments to the existing truss top chords or rafters must be staggered so as not to overload any existing structural member

	Landscape		Portrait		MAX HEIGHT OF PANEL ABOVE ROOF SURFACE NOT TO EXCEED 6"		2x6 Rafter Members @ 16" O.C.					
#	Over	Up	Over	Up								
1	65.5	40.5	39.5	65.75								
2	131	81	79	131.5	Interior		Edge	Corner	Wind Zone			
3	196.5	121.5	118.5	197.25	LANDSCAPE	Max Spacing (in)		64	48	32		36
4	262	162	158	263		Max Cantiliver (in)		23	19.7	15.9		
5	327.5	202.5	197.5	328.75	PORTRAIT	Max Spacing (in)		48	32	32		
6	393	243	237	394.5		Max Cantiliver (in)		18	15.4	12.2		

Seal & Signature

LEVEL SOLAR
844-GO-LEVEL SERVICE@LEVELSOLAR.COM

DOB Approval Stamp

INSTALL PLAN - ROOF 3

133165 - Reginald Elgin
172-01 107 Avenue
Jamaica, NY, 11433

Date:	10/25/2016	Rev:	01
Design By:	Lennon Wu	Check By:	Skyler Bloxham
Draw:	A-005.01	Sheet:	6 of 8

↑
↓

Roof 1

LG-LVL	LG-LVL	LG-LVL	
LG-LVL	LG-LVL	LG-LVL	LG-LVL

↑
↓

Roof 2

LG-LVL

Serial Inverter 1	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div></div>	Azimuth	Roof Name	Roof Slope	# of Modules	<div>LEVEL SOLAR</div> <div>844-GO-LEVEL SERVICE@LEVELSOLAR.COM</div>
Serial Inverter 2	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div></div>	258	Roof 1	21°	11	
		168	Roof 2	21°	3	STICKER SHEET
Inverter 1: SE7600A-US	Inverter 2: 0	78	Roof 3	21°	12	
Modules: LG 315N1C-G4	Phone #: (718) 206-0178					133165 - Reginald Elgin
						172-01 107 Avenue
						Jamaica, NY, 11433

RIDGE ON TOP
EAVE ON BOTTOM



Please use azimuth and panel orientation when uploading design

Roof 3

	LG-LVL	LG-LVL	LG-LVL	LG-LVL	LG-LVL	
LG-LVL	LG-LVL	LG-LVL	LG-LVL	LG-LVL	LG-LVL	LG-LVL

Serial Inverter 1	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div></div>	Azimuth	Roof Name	Roof Slope	# of Modules	<div><div>LEVEL SOLAR</div><div>844-GO-LEVEL</div><div>SERVICE@LEVELSOLAR.COM</div></div> <div>STICKER SHEET</div> <div>133165 - Reginald Elgin</div> <div>172-01 107 Avenue</div> <div>Jamaica, NY, 11433</div>
Serial Inverter 2	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> - <div><div></div><div></div></div>	258	Roof 1	21°	11	
		168	Roof 2	21°	3	
Inverter 1: SE7600A-US	Inverter 2: 0	78	Roof 3	21°	12	
Modules: LG 315N1C-G4	Phone #: (718) 206-0178					

Name: Reginald Elgin

Customer #: 133165

Address: 172-01 107 Avenue, Jamaica, NY, 11433

Testimonial

Thank you for choosing Level Solar! We are delighted to serve you!

Please share anything you like about your experience with Level Solar:

Right To Use

I grant to Level Solar, its representatives and employees the right to use all or part of my statement above, and publish it on my behalf.

Signature

Date

PSEG Long Island Contractor Self Certification Form for Inverter based Systems 25 kW or less

Inverter-based System VERIFICATION TESTING PROCEDURE TEMPLATE

Tested By: _____ **Customer Name:** _____ Reginald Elgin
Date Tested: _____ **Customer Acct#:** _____ 266421073081025
Weather Conditions: _____ **Customer Address:** _____ 172-01 107 Avenue
PV System Size: 8.190 kW _____ Jamaica

Testing Procedure Steps:

1. Make sure that the PV system is online and the breakers are closed.
2. Open the AC point of disconnect to this string. Verify that the inverters shut down immediately.
☐ **Check here to verify the inverters shutdown immediately in accordance with the manufacturer's specification.**
3. Close the AC point of disconnect to the string and note the inverters should not reconnect for at least 5 minutes.
 - If possible, visually verify that the inverters have stopped exporting power (during this five-minute interval) by looking at the LED's on each inverter and verifying that the amber LED is lit.
 - LED Light must be lit for 5 min. or more in order to pass inspection.
 - Test must be performed 3 times for each inverter or if micro inverter, each string.
 - Enter Time LED was lit for each test.

	<u>Time Test Performed</u> (hh:mm:ss)	<u>Time System Reconnected</u> (hh:mm:ss)	<u>Circle 5 Minutes or Greater</u>
1.	T: _____	T: _____	<u>Yes or No</u>
2.	T: _____	T: _____	<u>Yes or No</u>
3.	T: _____	T: _____	<u>Yes or No</u>

☐ **Check here to verify that the test has been successfully applied to the other inverters if installed**

(This Document is to be submitted by Project Closeout)

Signature: _____
Print Name: _____
Company: _____
Date: _____

INCENTIVE REQUEST FORM

NY-Sun Incentive Program



Contractor Name: Level Solar Inc. Installer Name: Level Solar Inc.

Customer Name: Reginald Elgin Installation Address: 172-01 107 Avenue, Jamaica, NY, 11433

NYSERDA Application Number (i.e. 4000-12345): 5159- NYSERDA PO Number (5 digits):

REQUESTING: ☐ 25% ☐ 75% ☒ 100%

Total Approved Incentive Amount: \$1,638.00 Total Requested Amount: \$1,638.00

If requesting 100%, both the 75% request and 25% request sections must be completed.

Indicate: ☐ Residential/Small Commercial Program (<200kW) - send to PVInvoices@nyserda.ny.gov

☒ Residential/Small Commercial Program (<200kW) Long Island - send to PVInvoiceLI@pseg.com

ITEMS TO BE INCLUDED WITH 75% REQUEST

☒ Building Permit or any and all permits as required by AHJ (if not previously submitted)

☒ List equipment & delivery date:

	Quantity	Manufacturer	Model	Date Delivered
Inverter(s)	<u>1</u>	<u>SolarEdge</u>	<u>SE7600A-US</u>	<u></u>
Modules	<u>26</u>	<u>LG Electronics</u>	<u>315N1C-G4</u>	<u></u>

Customer/Contractor certifies that all approved system components listed above have been delivered to the installation address, and all permits and approvals have been obtained.

CUSTOMER Signature: Date:

Signature must be a verifiable electronic signature or in hard copy form.

CONTRACTOR Signature: Date:

If executed by Installer, Installer and Contractor certify that Installer is authorized by Contractor to do so.

ITEMS TO BE INCLUDED WITH 25% REQUEST

☒ Utility Interconnection Letter Installation Date: Utility Interconnection Date:

☒ Final inspection certificate issued by AHJ; OR Electrical inspection certificate; OR Digital photo of inspection sticker

☒ Identify below all crew members who served in primary role during installation of the system:

Shawn Rinaldo Lennon Wu
Eric Seeman

Energy Efficiency Certification - Required for the Affordable Solar residential incentive.

☐ Installer/Contractor has verified that efficient lighting and low-flow water devices are installed at the residence, meeting the requirements of the **Affordable Solar** residential incentive, as outlined in the NY-Sun Program Manual.

Customer/Contractor certifies that all installation responsibilities have been completed by the Installer/Contractor as outlined in the Solar PV Program Manual. I attest that the PV System is operational, and further agree to notify NYSERDA should the PV system be non-operational for any 4 week period of time going forward.

☒ Customer has received a copy of the Operations and Maintenance Manual.

☒ Eligible Installer/Contractor has inspected the system to verify it meets all codes & NYSERDA's Program requirements.

☒ Eligible Installer/Contractor has given instruction on the operation of the system to the Customer.

CUSTOMER Signature: Date:

Signature must be a verifiable electronic signature or in hard copy form.

CONTRACTOR Signature: Date:

If executed by Installer, Installer and Contractor certify that Installer is authorized by Contractor to do so.

If you have not installed

- 26 LG 315N1C-G4 modules

AND

- SE7600A-US inverter

have the customer sign the next two pages

(Only customer signature)

Permitting will fill the remaining info

INCENTIVE REQUEST FORM

NY-Sun Incentive Program



Contractor Name: Level Solar Inc. Installer Name: Level Solar Inc.

Customer Name: Reginald Elgin Installation Address: 172-01 107 Avenue, Jamaica, NY, 11433

NYSERDA Application Number (i.e. 4000-12345): 5159- NYSERDA PO Number (5 digits):

REQUESTING: ☐ 25% ☐ 75% ☒ 100%

Total Approved Incentive Amount: Total Requested Amount:

If requesting 100%, both the 75% request and 25% request sections must be completed.

Indicate: ☐ Residential/Small Commercial Program (<200kW) - send to PVInvoices@nyserda.ny.gov

☒ Residential/Small Commercial Program (<200kW) Long Island - send to PVInvoiceLI@pseg.com

ITEMS TO BE INCLUDED WITH 75% REQUEST

☒ Building Permit or any and all permits as required by AHJ (if not previously submitted)

☒ List equipment & delivery date:

	Quantity	Manufacturer	Model	Date Delivered
Inverter(s)	<u></u>	<u></u>	<u></u>	<u></u>
Modules	<u></u>	<u></u>	<u></u>	<u></u>

Customer/Contractor certifies that all approved system components listed above have been delivered to the installation address, and all permits and approvals have been obtained.

CUSTOMER Signature: Date:

Signature must be a verifiable electronic signature or in hard copy form.

CONTRACTOR Signature: Date:

If executed by Installer, Installer and Contractor certify that Installer is authorized by Contractor to do so.

ITEMS TO BE INCLUDED WITH 25% REQUEST

☒ Utility Interconnection Letter Installation Date: Utility Interconnection Date:

☒ Final inspection certificate issued by AHJ; OR Electrical inspection certificate; OR Digital photo of inspection sticker

☒ Identify below all crew members who served in primary role during installation of the system:

<u>Shawn Rinaldo</u>	<u>Lennon Wu</u>
<u>Eric Seeman</u>	<u></u>

Energy Efficiency Certification - Required for the Affordable Solar residential incentive.

☐ Installer/Contractor has verified that efficient lighting and low-flow water devices are installed at the residence, meeting the requirements of the **Affordable Solar** residential incentive, as outlined in the NY-Sun Program Manual.

Customer/Contractor certifies that all installation responsibilities have been completed by the Installer/Contractor as outlined in the Solar PV Program Manual. I attest that the PV System is operational, and further agree to notify NYSERDA should the PV system be non-operational for any 4 week period of time going forward.

☒ Customer has received a copy of the Operations and Maintenance Manual.

☒ Eligible Installer/Contractor has inspected the system to verify it meets all codes & NYSERDA's Program requirements.

☒ Eligible Installer/Contractor has given instruction on the operation of the system to the Customer.

CUSTOMER Signature: Date:

Signature must be a verifiable electronic signature or in hard copy form.

CONTRACTOR Signature: Date:

If executed by Installer, Installer and Contractor certify that Installer is authorized by Contractor to do so.

CHANGE REQUEST FORM

NY-Sun Incentive Program



Contractor Name: Level Solar Inc. Installer Name: Level Solar Inc.

Customer Name: Reginald Elgin Installation Address: 172-01 107 Avenue, Jamaica, NY, 11433

NYSERDA Application Number (last 5 digits): _____ NYSERDA PO Number (5 digits): _____

Electric Utility: ☐ CHG&E ☐ Con Ed ☐ N. Grid ☐ NYSEG ☐ O&R ☐ NYPA ☐ RG&E ☒ PSEG LI

Indicate: ☐ Residential/Small Commercial Program (<200kW) - send to PVForms@nyserda.ny.gov

☒ Residential/Small Commercial Program (<200kW) Long Island - send to PVFormsLI@pseg.com

Request Type: ☒ **CHANGE ORDER** ☐ **CANCELLATION**

COMPLETE THIS SECTION ONLY IF THIS IS A CHANGE ORDER:

Refer to Section 2.6 of the PV Solar Program Manual for Rules.

NEW SYSTEM INFORMATION:

Will project use GJGNY financing? ☐ Yes ☒ No If yes, submit a new ProForma Tool for any change to the system size

Is additional incentive requested? ☐ Yes ☐ No NEW NYSERDA Incentive: _____

NEW System size (kW): _____

Equipment:	Quantity:	Cost:	Manufacturer/Model:
Modules:	_____	_____	_____
Inverter(s):	_____	_____	_____
Balance of System:	_____	_____	_____
Installation/Labor:	_____	_____	_____
Other:	_____	_____	_____
TOTAL PRICE:	_____	_____	_____

If applicable, attach a revised 1 or 3-line drawing.

CUSTOMER Signature: _____ Date: _____

Signature must be a verifiable electronic signature or in hard copy form.

CONTRACTOR Signature: Date: _____

If executed by Installer, Installer and Contractor certify that Installer is authorized by Contractor to do so.

NYSERDA USE ONLY:

Approved in PC by (initials): _____ Date: _____ PO#: _____

Original PO Amt: _____ Amt of PO Increase: _____ New PO Amt: _____