

ION DEVELOPER INSTALLATION AGREEMENT

LICENSED ELECTRICAL CONTRACTOR

888-781-7074 | IONSOLAR.COM | support@ionsolar.com

We are excited that you (occasionally also referred to as "Owner") have chosen ION Solar (occasionally also referred to as "we," "us," or "Contractor") for your energy needs and we look forward to creating a greener planet with your help. Solar is not only an environmentally sustainable decision, but it is also optimized to meet your financial, environmental, and aesthetic goals. In addition to this agreement, you have entered into a separate agreement (or series of agreements) with one or more un-related third-party financing companies. Those agreements are between you and those third parties and govern your purchase of the solar system. By contrast, this agreement is between you and ION Solar and governs the installation of your solar system. Please read and sign below acknowledging you understand the terms.

<p><u>CONTRACTOR - ION DEVELOPER, LLC - #83098</u> All Installations completed by a Licensed Electrical Contractor</p> <p><u>SYSTEM INFORMATION:</u> 5,780.00 W</p> <ul style="list-style-type: none"> • System Size (in DC Watts) - • Total System Cost - \$ 25,700.00 • Estimated Rebate/Incentive Amount Contractor Shall Receive - \$ 0.0 • Net System Cost (Payment Due Upon Financial Agreement) - \$ 25,700.00 	<p><u>OWNER</u></p> <p>Somsheker Gangu 1453 Overseer Ave Henderson, Nevada 89074 (203) 556-3585 sgangu@rocketmail.com</p>
<p><u>COMPONENTS OF SOLAR SYSTEM INSTALLATION:</u></p> <ul style="list-style-type: none"> • Solar Panels, Inverters, and Monitoring Device • Other standard materials include installation of racking and mounting components, wiring, conduit, overcurrent protections, roofing sealant and/or flashing, all as required for standard solar installation. • 10-year Contractor workmanship limited warranty (See Exhibit A) <p><u>INCENTIVES AND ADD-ONS:</u></p> <ul style="list-style-type: none"> - Thermostat (Included) - 30 LED Bulbs (Included) - Promotion (Sent at PTO) \$500.00 - Miscellaneous Promotion (Sent at PTO) \$500.00 	

REQUIRED DISCLOSURES FOR THE STATE OF NEVADA

RESIDENTIAL CONSTRUCTION RECOVERY FUND

Payment may be available from the Recovery Fund if you are damaged financially by a project performed on your residence pursuant to a contract, including construction, remodeling, repair or other improvements, and the damage resulted from certain specified violations of Nevada law by a contractor licensed in this State. To obtain information relating to the Recovery Fund and filing a claim for recovery from the Recovery Fund, you may contact the State Contractors' Board at the following locations:

State Contractors' Board
9670 Gateway Drive, Suite 100
Reno, Nevada 89521
Telephone number: (775) 688-1141

State Contractors' Board
2310 Corporate Circle, Suite 200
Henderson, Nevada 89074
Telephone number: (702) 486-1100

Should any Owner feel the need to contact the Public Utilities Commission of Nevada for any complaints, they may reach out to <http://puc.nv.gov> or by contacting the following offices:

PUC Northern Nevada Office
1150 East William Street
Carson City, Nevada 89701-3109
(775) 684-6101

PUC Southern Nevada Office
9075 West Diablo Drive, Suite 250
Las Vegas, Nevada 89148
(702) 486-7210

INSTALLATION By signing this Agreement you acknowledge you have purchased a solar system (or have financed a solar system with a third-party) and now authorize ION Developer, LLC to undertake installation of the solar system and

components identified above in the section entitled “Components of Solar System Installation” (collectively “Solar System”). This Agreement pertains to installation of the Solar System which, generally speaking, is divided into three separate phases described below:

Phase 1: During Phase 1, Contractor will conduct a physical site inspection to ensure that the Solar System can be installed according to the Design and Installation Specifications. Additional details about the Design and Installation Specifications and the Site Inspection are found elsewhere in this Agreement in the paragraphs entitled “Design and Installation Specifications” and “Site inspection/Owner Remedial Repairs.” By way of a good faith estimate (but not as a guarantee), We anticipate that Phase 1 will be completed within thirty (30) days from the Effective Date of this Agreement.

Phase 2: Phase 2 of the installation process is one where the physical installation of the Solar System is begun and completed. As a general rule (but not as a guarantee), We anticipate that Phase 2 will take 45 to 60 days. Obviously, such things as unanticipated physical restraints, needed remedial repairs (see the section entitled “Site Inspection/Owner Remedial Repairs), and other unanticipated contingencies could affect this desired timeline.

Phase 3: Phase 3 of the installation process consists of securing all necessary inspections, authorizations, and permits in order to “flip the switch” and make the Solar System operational. We generally plan on an additional 45 to 60 days once Phase 2 installation is completed. By way of example, before “flipping the switch” it will be necessary to obtain express permission/authority from your local utility company to operate the Solar System (See section entitled “No Owner Access or Use of System Until Authorized”). Additionally, your financing company (if any) may require additional documentation/signatures from you before We are allowed to “flip the switch.” We will help you in the process of obtaining all such necessary inspections and permission(s), but ultimately it is and remains Owner’s responsibility to obtain all such permissions.

THIRD-PARTY CONTRACTORS/SERVICE PROVIDERS Contractor (but not Owner) shall have the right to use licensed third-parties to provide some or all of the installation services (or any remedial repairs) contemplated by this Agreement. Contractor shall be responsible for any and all such third-party service providers. Unless expressly authorized by this Agreement or unless expressly authorized in writing by Contractor, Owner shall not, at any time, engage any of Owner’s own contractors or third-parties to provide any part of the Phase 1, Phase 2 or Phase 3 installation services (which may be collectively referred to throughout this Agreement simply as “installation” or “installation services”) contemplated by this Agreement or to undertake any other work or repairs with regard to any aspect of the Solar System. Any breach of this condition by Owner shall automatically render the Limited Warranty (Exhibit “A”) as null and void. Stated differently so as to avoid any confusion, Owner is simply not authorized to undertake any portion of the installation services or to make any repairs whatsoever to any aspect of the Solar System unless specifically authorized by the express written terms of this Agreement or unless specifically authorized in writing by Contractor. Any unauthorized work or repair by Owner (or anyone engaged by Owner) will automatically void the Limited Warranty and shall relieve Contractor from any further responsibility or liabilities arising thereunder.

OWNER COOPERATION/WORK AREA ACCESS Owner hereby agrees to cooperate, and not interfere in any way, with Contractor’s efforts in accessing Owner’s property and/or in undertaking and completing all of the installation services contemplated by this Agreement. To that end, Owner hereby unconditionally grants to Contractor all necessary authority and permissions to, upon reasonable notice (with 24 hours advanced notice being deemed reasonable) enter Owner’s property (whether Owner is home or not) to undertake and complete all services and work inherent in all phases of the installation process. Without providing an exhaustive list, Owner agrees to ensure that during the entire installation process, access to the work area is open and accessible (i.e. gates unlocked and/or open as needed, access to electricity and water, etc.) and free from any obstructions or obstacles (i.e. clear driveways and walkways, animals properly secured, etc.). Additionally, until such point as the Solar System is fully operational, Owner shall also make available reasonably safe and secure areas in which Contractor may temporarily store such things as Contractor’s tools and the Solar System parts and components. Owner also agrees to cooperate and work with Contractor to: (a) schedule site surveys and other pre-install inspections as soon as possible, (b) complete and provide to Contractor any and all required jurisdictional and utility documents (such as NEM agreements and interconnection agreements that must be signed by the Owner), (c) cooperate with Contractor in applying for and securing the necessary permits, (d) cooperate in the scheduling of the Installation and its related inspections, and (e) otherwise cooperate with Contractor as Contractor shall reasonably request. In the event Owner unreasonably restricts and/or interferes with Contractor’s access to the property and/or Contractor’s installation services contemplated under this Agreement or otherwise fails and/or refused to cooperate with Contractor in the fulfillment of Contractor’s services and functions as contemplated by this Agreement, then Owner shall be considered to be in breach of this Agreement in which case Owner shall, in addition to all other

damages, be liable to Contractor for all direct and indirect damages incurred or suffered by Contractor (or any third-party(ies) engaged by Contractor) as a result of Owner's breach. At a minimum, such damages shall include all amounts to which Contractor would have otherwise been entitled had Contractor been allowed to complete the installation services contemplated by this Agreement; but may also include such other additional amounts as available at law or equity.

DESIGN AND INSTALLATION SPECIFICATIONS For purposes of this Agreement, all proposals, drawings, design, installation and spec sheets presented to or otherwise made available to Owner at any time with regard to the Solar System are collectively referred to as the "Design and Installation Documents".

- Owner acknowledges that copies of the Design and Installation Documents have been and/or are made available to Owner either directly, via the ION Sunrise App, or by contacting ION at support@ionsolar.com.
- Owner acknowledges that after entering into this Agreement, certain minor changes and/or modifications to the Solar System may be necessitated or required due to a variety of factors such as market availability of parts and components and/or the physical condition of the installation site (i.e. size, dimensions, physical obstacles, condition, shading, jurisdictional code), etc. being discovered during the installation process or as a result of a pre-installation physical site inspection. Such minor changes and/or variations could include (but not be limited to) such things as an adjustment to the type of panels and/or inverter type, and/or slight modification(s) to the physical placement of the panels. As long as such changes and/or modifications are minor (as set forth above) and as long as such changes and/or modifications do not in any way change the "System Size" or "Total System Price" of the Solar System, Owner hereby authorizes Contractor to make any and all such minor changes and/or modifications as determined by ION.
- Owner acknowledges that except for the "System Size" and "Total System Price" all other information presented to Owner and/or set forth in any of the Design and Installation Documents relating to or specifically labeled as "Estimated Yearly Production," "Impact of Energy Efficiency", "Estimated Consumption and Production", "Estimated Offset", and "Estimated Savings" is subject to change and constitutes good faith estimates only which are subject to a variety of factors completely beyond the control or specific knowledge of ION and which, therefore, cannot and shall not be construed as constituting any form of guarantee or contractual term, condition, or commitment by ION to Owner. Owner, not ION, is ultimately responsible for Owner's utilization (or lack thereof) of the Solar System and as such for any production, efficiency, consumption, production, or savings realized by Owner. NO EMPLOYEE OR REPRESENTATIVE OF US IS AUTHORIZED TO MAKE ANY PROMISE TO YOU THAT IS NOT CONTAINED IN THIS AGREEMENT (WHICH INCLUDES THE DESIGN AND INSTALLATION DOCUMENTS) CONCERNING COST SAVINGS, TAX BENEFITS, OR GOVERNMENT OR UTILITY INCENTIVES. YOU SHOULD NOT RELY UPON ANY PROMISE OR ESTIMATE THAT IS NOT INCLUDED IN THIS AGREEMENT.
- If at any time the "System Size" or "Total System Price" changes in any way, ION Solar will affirmatively notify Owner who, at that time, shall have the option to enter into a new Agreement setting forth the new System Size and/or Total System Price.
- Owner acknowledges that any work not specifically set forth in the Design and Installation Documents (such as additional work required to begin installation or that is discovered during installation (such as the need to make roof repairs, customer-requested improvements, jurisdictional requests not related to the actual solar system components, trenching, movement of structures, complications caused by shading, electrical upgrades, etc.) are not included in the installation and are additional amounts for which Owner agrees to be financially responsible. Contractor may, but is not required to, make any such additional work the subject of a written change order. To the extent a change order is utilized, any and all such change order(s) shall immediately and automatically become part of this Agreement as an authorized amendment/addendum being subject to all of the other terms and conditions of this Agreement.

PERMITTING/HOA APPROVAL Contractor shall be responsible to file and obtain all necessary permits and applications with (a) state and local governmental authorities and (b) the applicable utility company(ies). Owner shall be responsible for obtaining any and all necessary Home Owner's Association or similar approvals. Contractor and Owner shall cooperate with one another in filing and obtaining the necessary permits and approvals as set forth herein. In the event any Owner's Association approvals are required or requested with regard to any aspect of the Solar System, Owner hereby grants to Contractor full rights and authority to file, process, and respond to any and all such Home Owner's Association applications and/or requests as necessary for approval of and/or completion of the installation of the Solar System.

ESTIMATED TIMELINE/DELAYS Owner acknowledges that Contractor shall employ reasonable efforts to meet the expected time frames of the overall installation process but also acknowledges that such time frames are provided as estimates only and not as a contractual commitment. Owner acknowledges and accepts that some delays are beyond Contractor's control such as delays caused by acts of God, civil unrest, labor disputes, adverse weather conditions, acts

of a government or other public authority, acts of the Owner or Owner's agents, and delay in the delivery of materials by suppliers. Owner acknowledges and agrees that under no circumstances shall Contractor be liable for any damages whatsoever caused or arising from any delays in the installation process unless such delays are caused by Contractor's own gross negligence.

SITE INSPECTION/OWNER REMEDIAL REPAIRS As part of the installation services, Contractor will physically inspect the intended installation site(s) as well as Owner's existing electrical service for the intended purpose of discovering any issues which may impede and/or prevent Installation of the Solar System. Such issues may include, but not be limited to pre-existing structural and/or electrical issues and/or integrity issues, existing water damage and/or other roof penetrations, etc. Owner (not Contractor) shall, at Owner's own cost and expense, be responsible for making all necessary repairs or taking such remedial action as is necessary to allow Contractor to proceed with its installation services as contemplated by this Agreement. Such repairs or remedial action may include such things as upgrading and/or moving/relocating electrical panels and/or service meters, repairing structural damage and/or restoring structural integrity, removing and/or repairing any existing roof penetration issues (such as a pre-existing solar system or solar water system), extensive trenching, repairing/replacing roofing materials, and any other such work which impedes and/or prevents installation of the Solar System as contemplated by this Agreement.

NO OWNER ACCESS OR USE OF SYSTEM UNTIL AUTHORIZED At no point during the installation process shall owner access or use any portion of the Solar System until each and all of the following conditions have been met: (a) all components of the Solar System have been fully installed by Contractor; (b) all necessary inspections have occurred and passed and all necessary permits have been issued; (c) the utility company has given express written permission to operate the Solar System; (d) all third-party loan providers (if any) have deemed any underlying loan and/or financing documents finalized and fully funded; and (e) Contractor has expressly authorized Owner to access and use the Solar System (i.e. "flip the switch"). If Owner accesses and/or uses any portion of the Solar System before all of the foregoing conditions are met, Owner shall be responsible for any and all damages and/or losses and/or claims incurred by Contractor (and any third-party(ies) engaged by Contractor) as a result of such early use.

CONTRACTOR LICENSURE, INSURANCE, AND BONDS During installation, Contractor shall maintain in effect insurance and bonds including Contractor's License Bond, General Liability Insurance, and workers' compensation insurance in amounts and with coverage as determined by Contractor. Copies of any or all such policies are available to Owner upon request by requesting such at licensing@ionsolar.com. Owner shall have no authority to control or dictate the levels of coverage maintained by Contractor.

OWNERS HOMEOWNER INSURANCE Prior to the commencement of any installation work by Contractor, Owner shall either (a) obtain and maintain a standard homeowners policy which extends coverage to the Solar System and all of its components or (b) add the Solar System and all of its components to Owner's existing homeowners policy. In either instance, such coverage shall be obtained and/or maintained with a sound and reputable insurance company with coverage extending to the Solar System and all of its components during the entire installation process as well as once installation is complete. Such coverage shall, at a minimum, insure the Solar System and all of its components from all loss or damage occasioned by any act of God, fires, floods, natural disasters, riots, terrorist acts, hail, snow, adverse weather, animal damage, damage from sporting devices such as golf, and any and all other acts of a similar nature. Contractor, and not Owner, shall be responsible for any loss or damage caused by Contractor's own gross negligence.

OWNER ACKNOWLEDGMENT OF ESTIMATE NATURE OF SYSTEM INFORMATION. Owner acknowledges and agrees that the System Information set forth in this Agreement (including but not limited to the specific system size, production estimates, savings/offset estimates, etc. set forth in the box above.) are good faith estimates only that have been based on data, information and input provided by Owner and for which Owner is solely and exclusively responsible. Owner further acknowledges and agrees that estimating solar production and usage is not an exact science because many factors such as weather, equipment placement, customer preferences, utility company rates and/or policies and procedures, third-party solar technology and equipment, power outages, equipment failure, tree and foliage growth, changes in Owner's own electrical usage, etc. all impact such figures, estimates, production, and offsets. Accordingly, Owner hereby acknowledges that all such conversations, figures and estimates, including but not limited to those set forth in the System Information sections of this Agreement (regardless of whether presented verbally, in a pamphlet or other advertising materials, as part of a sales presentation or otherwise) are all provided as estimates only and not as any sort of guarantee or contractual commitment of any type. Customer acknowledges and understands that Contractor is not and cannot make any guarantees whatsoever with regard to the actual production or usage of the Solar System or any offsets to be realized as a result thereof and that under no circumstances will Owner request (or Contractor be obligated to pay) for any expected utility bill offset (or any other offset of any kind) not actually realized or earned. Additionally, Customer acknowledges that solar system equipment generally experiences an average annual

degradation in production of approximately .05% per year (sometimes more and sometimes less depending on how fast the equipment and components age, etc.) for which Contractor is not responsible or liable. Against the backdrop of all of the foregoing, Customer hereby knowingly and unconditionally waives and releases any and all claims Customer may have against Contractor (or any of Contractor's agents) that in any way arise from or relate to any estimates provided to Customer and/or to the System Information and specifications set forth in this Agreement, including but not limited to system size, estimated production, estimated savings, estimates offsets, projected use, or annual degradation, etc.

NON-AFFILIATION WITH UTILITY/GOVERNMENT. WE ARE NOT AFFILIATED WITH ANY UTILITY COMPANY OR GOVERNMENT AGENCY. NO EMPLOYEE OR OTHER REPRESENTATIVE OF US IS EVER AUTHORIZED TO CLAIM OR INSINUATE ANY AFFILIATION WITH ANY UTILITY COMPANY OR GOVERNMENT AGENCY.

POWER OUTAGES/ONGOING UTILITY PAYMENTS Owner understands and accepts that the Solar System will be installed in such a way that it is tied to (rather than independent of) a public utility grid that, unless specifically listed in the section entitled "Components of Solar System Installation," does not include a power back up source. Among other things, this means that whenever the public utility grid is out of service, the Solar System will automatically shut down until the public utility grid is once again active and in service. Being tied to the grid (even if there is a power back up source) also means that Owner will continue to receive utility statements and bills for which Owner (and not Contractor) is responsible and liable. Owner shall not at any time hold Contractor responsible for any power outages and/or utility bills.

NO TAX CREDITS GUARANTEED During the sales process, it is likely that Owner was informed of general tax credits and incentives that, generally speaking, may be available to users of solar energy. However, by signing this Agreement Owner expressly confirms and agrees that at no point has anyone (including but not limited to Contractor) ever analyzed Owner's specific tax situation or ever promised or guaranteed Owner any specific tax credit(s), rebate(s), incentive(s) or the like. Owner acknowledges, agrees, and accepts that no one, except Owner and Owner's tax advisors (which Contractor is not), is/are in a position to know what specific tax credits/incentives/rebates may or may not be available to Owner based on a variety of factors entirely unknown by Contractor such as Owner's finances, tax filing status, etc. TAX AND OTHER FEDERAL, STATE, AND LOCAL INCENTIVES VARY AS TO REFUNDABILITY AND ARE SUBJECT TO CHANGE OR TERMINATION BY LEGISLATIVE OR REGULATORY ACTION, WHICH MAY IMPACT SAVINGS ESTIMATES. CONSULT A TAX PROFESSIONAL FOR MORE INFORMATION. Owner hereby agrees that Contractor is absolutely not responsible for anything related to any tax credits, rebates or incentives whatsoever and to that end hereby forever releases and waives any and all claims which Owner may have against Contractor (or any of Contractor's agents or assigns) which arise from or relate to the availability or non-availability and/or the amount(s) of any specific tax credit(s), tax incentive(s), tax rebate(s) as well as any and all other claims arising to or pertaining to Owner's taxes.

INCENTIVES, ADD-ONS AND REBATES Owner acknowledges that any and all incentives and/or component add-ons offered to Owner are set forth in this Agreement and that no other incentives or component add-ons whatsoever (including but not limited to such things as cash, critter guards, batteries, generators, main service panel upgrades, miscellaneous cash incentives or gifts, promotions, etc) have been promised to Owner by Contractor or will be provided to Owner. The incentives and add-ons identified and listed in this Agreement are the only incentives ever promised to Owner, and there are no others. Additionally, Owner hereby acknowledges and agrees that any and all rebates issued for the installation of the Solar System shall belong exclusively to Contractor, unless otherwise explicitly stated in this Agreement.

THIRD-PARTY LENDER(S) Owner specifically acknowledges that this Agreement contemplates installation of the Solar System and not the purchase or financing thereof. Accordingly, Owner (and not Contractor) is and at all times (even during the installation process) shall be responsible for performance of all terms and conditions of any agreement(s) between Owner and any other third-party regarding the purchase and/or financing of the Solar System including but not limited to making any loan and/or other financing payments that may become prior to the Solar System being fully Installed and/or prior to Owner receiving the necessary authorization(s) from the applicable utility company(ies) that the Solar System may be engaged to operate and generate energy. Under no circumstances shall Contractor be responsible for any amounts whatsoever otherwise due from Owner to any third-party lender(s). Additionally, Owner shall remain responsible for payment to Contractor of all amounts due for Contractor's installation services hereunder independent of whether or not Owner is or is not able to secure financing from any third-party lender(s).

OWNER AND CONTRACTOR RESPONSIBILITIES AFTER INSTALLATION Once installation of the Solar System is complete (which for purposes of this Agreement shall mean fully installed and ready to "flip the switch"), all of Contractor's duties and obligations under this Agreement shall be considered delivered, fulfilled and completed with Contractor having no further obligations to Owner whatsoever except as expressly set forth in the Limited Warranty, a copy of which is

attached to this Agreement as Exhibit A. To avoid any confusion and without in any way limiting the foregoing, Owner acknowledges that once installation is complete, Owner (and not Contractor) shall be responsible for any future/ongoing monitoring and maintenance of the Solar System. Contractor does not offer any ongoing services except as expressly set forth in Exhibit A.

POST-INSTALLATION SERVICE CALLS Except as covered by or otherwise set forth in the Limited Warranty (Exhibit A), if at any time after installation is complete Owner requests that Contractor inspect or otherwise perform any maintenance or service to the Solar System or any component thereof (a "Service Call") Owner shall pay Contractor on a "labor plus parts" basis. The charge for labor shall be a minimum of \$195 per hour (with a one-hour minimum). Parts shall be billed according to then-prevailing market prices. All such labor plus parts fees shall be due and payable by Owner upon completion of the Service Call.

CONTRACTOR'S WORKMANSHIP WARRANTY AND THIRD-PARTY WARRANTY(IES) Owner acknowledges that except for the Limited Warranty (attached hereto as Exhibit A and incorporated herein by this reference) and except as is expressly required by the laws of the state in which the Solar System is to be installed, Contractor offers no other express or implied warranty(ies) whatsoever. Owner also acknowledges that most (if not all) of the specific components of the Solar System have their own manufacturers or other third-party warranty(ies) (collectively "Third-Party Warranty(ies)"). Owner acknowledges and agrees that Contractor is not and shall not be responsible for any such Third-Party Warranty(ies). To the extent the rights of any such Third-Party Warranty(ies) apply to Contractor, Contractor hereby conveys, assigns and transfers all such rights and privileges to Owner. Owner (not Contractor) is and shall be responsible for knowing and/or enforcing the terms of any such Third-Party Warranty(ies). Contractor agrees to cooperate with Owner in connection with the filing any Third-Party Warranty(ies) claim(s). Regardless of the foregoing, Owner is and shall remain responsible to Contractor for paying all applicable labor and parts costs and expenses.

CANCELLATION YOU (OWNER) MAY CANCEL THIS CONTRACT AT ANY TIME PRIOR TO MIDNIGHT ON THE THIRD BUSINESS DAY AFTER YOU HAVE SIGNED IT. To exercise this right, Owner must send written notice of cancellation to Contractor at support@ionsolar.com or by mailing a letter to Contractor's corporate office. If Owner requests to cancel after 3 business days but before any of the components of the Solar System have been installed on Owner's home, Owner hereby agrees to pay Contractor: (a) the agreed-upon sum of \$1,200 plus (b) any other actual amounts incurred and/or paid by Contractor to any third-party(ies) engaged by Contractor. These amounts shall be immediately due and payable upon any such cancellation. Additionally, Owner acknowledges and agrees that these amounts shall be paid to Contractor in addition to any other amounts for which Owner is or may be responsible pursuant to any third-party financing/loan agreements. Except for the three-day right to cancel as set forth above, after any solar components have been installed on the home (meaning once any portion of Phase 2 installation has begun), Owner forfeits any and all rights to any cancellation and shall pay to Contractor all amounts to which Contractor is otherwise entitled.

CONTINUING COOPERATION Each party to this Agreement shall be obligated hereunder to do such other and further acts (including but not limited to such things as the signing of documents or instruments and/or the allowing of inspectors access to the project and/or completing certificates required by Contractor or a third-party financing/lending company, etc.), which are reasonable or which may be necessary or convenient in either party carrying out its respective obligations under this Agreement or in carrying out the purposes and intent of this Agreement. If Owner impedes work or withholds signing of any forms for more than 30 days, Owner shall be in breach of contract, and shall be responsible for all damages arising therefrom, including but not limited to payment of all amounts to which Contractor would be due hereunder, as well as any damages or other amounts due to any third-party(ies) with all such amounts being due immediately upon such breach.

LIFT AND REPLACE From time to time Owner may deem it necessary/desirable to "lift and replace" some or all of the Solar System. For example, if Owner is remodeling or replacing roof shingles etc. it may be necessary to "lift and replace" the Solar System, or certain components thereof. Owner acknowledges Contractor's willingness to perform such "lift and replace" as may be requested by Owner, but further acknowledges that the actual costs and expenses of any such "lift and replace" functions are not currently known and cannot be known until such point that Contractor has analyzed the scope of such services and provided Owner a firm written bid. To the extent Owner desires a "lift and replace" bid from Contractor, Owner shall first contact Contractor before undertaking any "lift and replace" functions. In order to preserve the Limited Warranty, only Contractor (or those expressly authorized by Contractor) can perform any "lift and replace" functions. In the event Owner itself (either directly or through any third-party(ies)) undertakes any portion of any "lift and replace" services without having obtained the prior express written consent of Contractor (which consent must be signed by a vice-president or higher officer of Contractor) then the Limited Warranty (attached hereto as Exhibit A) shall become immediately null and void.

DISPUTE RESOLUTION/ARBITRATION AGREEMENT By entering into this Agreement, Owner and Contractor each agree that any dispute, claim, or controversy between or involving Owner and Contractor arising in connection with or relating in any way to this Agreement, including, but not limited to: (a) claims arising out of or relating to any aspect of the relationship between Contractor and Owner or any of the services provided by Contractor, (b) claims that arose before this Agreement or any prior agreement(s) between Owner and Contractor (including, but not limited to claims arising from or related to any sales, marketing, and/or advertising); (c) claims that may arise after termination of Contractor's services contemplated hereunder, (whether any or all of such claims are based in contract, tort, statute, fraud, misrepresentation or any other legal theory, and whether the claims arise during or after the termination of this Agreement), will be determined and resolved by mandatory binding individual (not class) arbitration proceeding. Owner and Contractor further agree that the arbitrator shall have the exclusive power and authority to rule on his/her own jurisdiction, including any objections with respect to the existence, scope or validity of the arbitration agreement between the parties or to the arbitrability of any claim or counterclaim. Owner and Contractor each acknowledge and agree that arbitration is more informal than typical litigation. THERE IS NO JUDGE OR JURY IN ARBITRATION, AND COURT REVIEW OF AN ARBITRATION AWARD IS QUITE LIMITED. This agreement to arbitrate will survive any termination of this Agreement regardless of who initiated such termination or the reason(s) for such termination. Notwithstanding anything set forth in this paragraph (which may be referred to simply as the "Arbitration Agreement"), Owner and Contractor both agree that nothing in this Arbitration Agreement will be deemed to waive, preclude or otherwise limit the rights of either party to: (1) bring an individual action in a U.S. small claims court or (2) bring an individual action seeking only temporary or preliminary injunctive relief in a court of law, pending a final ruling from the arbitrator. In addition, the Arbitration Agreement does not restrict or stop either party from bringing issues to the attention of federal, state, or local agencies which may, if the law allows, seek relief against either of us on behalf of the other.

ARBITRATION RULES Unless otherwise expressly agreed to in writing by Owner and Contractor, any arbitration between or involving Contractor and Owner shall be governed by and conducted pursuant to the Consumer Arbitration Rules of the American Arbitration Association ("AAA") then in effect (the "AAA Rules"), as modified by the terms of the Arbitration Agreement. Owner and Contractor agree that the Federal Arbitration Act applies to and governs the interpretation and enforcement of this provision and all other provisions regarding dispute resolution and arbitration (including, but not limited to the Arbitration Agreement) as well as the class action waiver set forth below. The AAA Rules, as well as instructions on how to file an arbitration proceeding with the AAA, can be found at adr.org or by calling the AAA at 1-800-778-7898. Any arbitration hearings will take place in the county of Owner's billing address, provided that if the claim is for \$25,000 or less, Owner may choose whether the arbitration will be conducted (1) solely on the basis of documents submitted to the arbitrator; (2) through a non-appearance based telephonic hearing; or (3) by an in-person hearing established by and conducted in conformity to the AAA Rules.

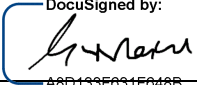
NOTICE BEFORE FILING/ARBITRATION COSTS AND AWARD If either Contractor or Owner intends to file a small claims action or to seek arbitration, the party intending to do so must first send a written notice of dispute to the other. Notice from Owner to Contractor should be sent to: **4801 N University Ave #900, Provo, Utah 84604** in such a way that delivery can be confirmed. Any notice from Contractor to Owner will be sent to the Owner's street and/or email address on file in such a way that delivery can be confirmed. Any such notice must (1) describe the nature of the claim(s) and/or dispute(s); and (2) the desired relief sought (the "Notice"). If Contractor and Owner are unable to informally resolve the dispute within thirty (30) days following receipt of the Notice, then either party may then proceed to file the small claims action or file a claim for arbitration. If Owner opts for arbitration and Owner is required to pay a filing fee, Contractor will reimburse Owner that filing fee, unless Owner's claim is for greater than \$10,000, in which case Owner will be responsible for the filing fee. Contractor will pay any other arbitration fees, including Owner's share of the arbitrator compensation, unless otherwise required by AAA rules or court order obtained pursuant to and consistent with the terms of the Arbitration Agreement. During the arbitration, the amount of any settlement offer(s) made by Owner or Contractor shall not be disclosed to the arbitrator until after the arbitrator makes a final written decision and award, if any. In the event the dispute is finally resolved through arbitration in favor of Owner, and the arbitrator issues Owner an award that is greater than the value of Contractor's last written offer of settlement to Owner, then in such event Contractor hereby agrees to pay Owner either the amount of the arbitrator's award, or \$1,000—whichever is greater. All documents and information disclosed in the course of the arbitration shall be kept strictly confidential by the recipient and shall not be used by the recipient for any purpose(s) other than for the purpose of the arbitration or the enforcement of the arbitrator's decision and award. Regardless of the manner in which the arbitration is conducted, the arbitrator shall issue a reasoned written decision. The arbitrator may make rulings and resolve disputes as to the payment and reimbursement of fees or expenses at any time during the proceeding and upon request from either party made within 14 days of the arbitrator's ruling on the merits.

CLASS ACTION WAIVER IN ADDITION TO THE ARBITRATION AGREEMENT AND OTHER TERMS SET FORTH ABOVE, OWNER AND CONTRACTOR EACH FURTHER AND SEPARATELY AGREE THAT THEY MAY BRING CLAIMS AGAINST THE OTHER ONLY IN THEIR RESPECTIVE INDIVIDUAL CAPACITIES AND NOT AS A PLAINTIFF OR CLASS MEMBER IN ANY PURPORTED CLASS OR REPRESENTATIVE ACTION. Additionally, unless expressly agreed upon by Owner and Contractor in writing, no arbitrator or judge may consolidate more than one person's claims or otherwise preside over any form of a representative or class proceeding. In the event either party seeks injunctive relief, the arbitrator may award injunctive relief only in favor of the individual party seeking relief and only to the extent necessary to provide relief warranted by that party's individual claim. If a court decides that applicable law precludes enforcement of any of this paragraph's limitations as to a particular claim for relief, then that claim (and only that claim) must be severed from the arbitration and may be brought in court.


ENTIRE AGREEMENT This instrument contains the entire and only agreement between the parties hereto relating to the subject matter hereof and any representation, affirmation of fact, and course of prior dealings, promise or condition in connection therewith not incorporated herein shall not be binding on either party. This Agreement supersedes any previous agreement executed between the parties related to the Solar System and the installation thereof. The rights and obligations contained herein shall inure to and be binding upon the parties, their legal representatives, successors, and permitted assigns. This Agreement may be amended, replaced, or modified only by a written instrument executed by Contractor and Owner.

Please sign the contract and return to ION. We are committed to providing you with impeccable service throughout the entire installation process. Please contact us anytime using the contact information listed at the bottom of all pages of this Agreement.

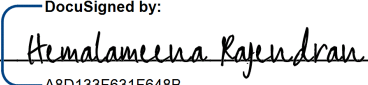
Homeowner Acknowledgement:

By:  _____
Printed Name: Somsheker Gangu
Date: 10/10/2020

ION Solar Acknowledgement:

By:  _____
Printed Name: David Rasmussen
Date: 10/10/2020

Host Customer on Utility Bill Acknowledgement (if different from above):

By:  _____
Printed Name: Hemalameena Rajendran

10/10/2020

EXHIBIT A - Limited Warranty

10-YEAR WORKMANSHIP WARRANTY Contractor hereby agrees to warranty the workmanship of its installation of the solar system (and its related components) as more particularly described in the underlying Installation Agreement (collectively the "PV System") for a period of ten (10) years from the date upon which the installation is completed. Contractor agrees that with respect to all roof penetrations made by Contractor, such roof penetrations will be free from material defects in workmanship and will be sealed or flashed to eliminate liquid or vapor penetration, and that such roof penetrations shall not diminish the existing water-repelling abilities of the existing roof. In the event of (a) roof leakage or (b) malfunction of any component of the PV System where such leakage or malfunction is **due to a workmanship issue**, Contractor will, at its cost, repair the affected area of the roof and/or repair and/or replace (as Contractor shall determine) such malfunctioning component(s).

For purposes of this Limited Warranty, a workmanship issue is defined as an issue directly caused by the improper installation by Contractor of the PV System. Owner hereby acknowledges that not all roof leaks and/or malfunctioning component(s) are the result of workmanship issues and as such may not be covered under the terms of this Limited Warranty. In the event of any dispute or controversy regarding whether or not an issue is due to a covered workmanship issue that should be covered by the terms of this Limited Warranty, then, before triggering any of the terms of Arbitration Agreement, the parties first agree that they shall engage the services of a third-party licensed contractor (having experience with solar system installations) to provide a written opinion as to whether the disputed issue is or is not the result of a covered workmanship issue. In the event the parties are unable to agree upon a mutually acceptable and qualified third-party licensed contractor, then each party shall choose its own experienced licensed contractor and then those two shall choose a third experienced licensed contractor (having experience with solar system installation) to render its written opinion. The opinion of the mutually acceptable third-party contractor (or the third-party contractor chosen by the parties' respective contractors) shall be binding upon the parties unless either party shall appeal such decision by triggering the terms Arbitration Agreement, in which case the dispute shall be resolved in accordance with those terms and conditions.

EXCLUSIONS FROM COVERAGE This ten-year warranty only covers issues resulting from improper installation of the PV System. Without providing an exhaustive list, Contractor is not responsible for:

- repairing any pre-existing damage to the roof and/or roofing material (such as shingles, tiles, etc.); or any leak, damage or malfunction caused by a failure of any part of Customer's building components themselves (such as failure of the roof substrate, roof trusses/framing, or other building structural failures);
- any leaks, damage or malfunction caused by fire or extreme weather conditions such as high winds, hail storms, ice dams, floods, tree damage, or other such acts of God; or for any leaks, damage or malfunction caused by pests or rodents.
- any leaks, damage or malfunction caused by other contractors or by any repair, replacement, modification, enhancement or reinstallation of the PV System (or any part thereof) using a part or service not provided by or authorized by Contractor.
- any leak, damage or malfunction caused by an accident, alteration, negligence, vandalism or other misconduct by Owner (or any subsequent owner), or any third party, including but not limited to damage from golf balls;
- any leaks, damage or malfunction that are the result of workmanship issues that were not reported to Contractor in a timely fashion.
- Any roof performance issues (1) no related to roof penetration of made as part of the installation of the PV System or (2) otherwise covered by Owner's homeowner's insurance.
- Any "lift and replace" services performed by anyone other than Contractor, unless such "lift and replace" services were expressly authorized in writing (which writing must be signed by Contractor's President).
- Any and all other exclusions listed in the underling agreements, including but not limited to the Installation Agreement.

TRANSFERABILITY This 10-Year Limited Warranty is fully transferable to subsequent owners. No transfer, however, shall work to extend the ten (10) year term.

SERVICE CALLS—LABOR ONLY WARRANTY For a period of two (2) years following Contractor's Installation of the Solar System, Owner shall not be responsible for paying Contractor the labor portion of the first hour of any Service Call. Except for this two-year waiver of the first hour of Contractor's labor, and unless Contractor's other labor costs and component expenses (if any) are covered by (a) terms of the Limited Warranty set forth above or (b) the warranty of any third-party (such as those offered by a manufacturer of a specific component of the Solar System), Owner shall in all other cases be responsible for any and all other labor and/or parts/equipment costs and expenses as typically billed by Contractor. Contractor will strive to inform Customer of potential warranty coverage (or the lack thereof) as well as an estimate/bid for any work recommended by Contractor.

THIRD-PARTY WARRANTIES Owner acknowledges that except for the 10-Year Workmanship Warranty and Service Calls—Labor Only Warranty set forth above, Contractor offers no other express or implied warranty(ies) whatsoever. Owner also acknowledges that most (if not all) of the specific components of the Solar System have their own manufacturers or other third-party warranty(ies) for which Owner (and not Contractor) is responsible for knowing and enforcing. Owner is and shall remain responsible to Contractor for payment of all applicable labor and parts/equipment costs charged by Contractor for any service not otherwise covered by the 10-Year Workmanship Warranty, the Service Calls—Labor Only Warranty, or any applicable third-party warranty(ies).

EXHIBIT B – Disclosures for Nevada Customers

<u>CONTRACTOR LICENSE – ION DEVELOPER, LLC #83098</u> Licensed Electrical Contractor Phone - 888-781-7074 Email - support@ionsolar.com	<u>OWNER</u> Somsheker Gangu 1453 Overseer Ave Henderson, Nevada 89074 (203) 556-3585 sgangu@rocketmail.com
<u>SYSTEM INFORMATION</u> <ul style="list-style-type: none"> • System Size (in Watts) - 5,780.00 W • Total System Cost -\$ 25,700.00 • Estimated Rebate/Incentive Amount Contractor Shall Receive -\$ 0.0 • Net System Cost (Payment Due Upon Financial Agreement) -\$ 25,700.00 • .05% Estimated annual degradation • NET METERING CREDIT <ul style="list-style-type: none"> ○ Nevada Bill AB405 (2017) requires Utilities to provide net metering credit at the following rates: <ul style="list-style-type: none"> ▪ 95% of retail rates until 80 MW has been subscribed at that rate ▪ 88% of retail rates until 80 MW has been subscribed at that rate ▪ 81% of retail rates until 80 MW has been subscribed at that rate ▪ 75% of retail rates thereafter 	
<u>ESTIMATED TIMELINE</u> <ul style="list-style-type: none"> • Estimated start of install is approximately 30 days after the date the contract is signed if the customer works with ION to schedule site surveys and other pre-install inspections if necessary as soon as possible, and provided no additional install requirements must be met such as main service panel (MSP) upgrades or utility documents such as NEM agreements and interconnection agreements that must be signed by the customer have been received. • Estimated time to receive permission from the utility to turn the system on and make it operational is usually 6-8 weeks after install. 	

1. Notice of Maintenance and repairs

- a. Ongoing maintenance of the photovoltaic system is not included in the purchase price.
- b. ION is not responsible for repairs that arise due to damage that falls outside of the limited warranty included in Exhibit A.
- c. If there are situations that arise outside of warranted repair, such as those listed in warranted “Exclusions” that require removal, reinstallation and/or replacement of panels, including but not limited to Acts of God, such work and costs of equipment will be invoiced to the Owner at fair market value at that time.
- d. Pursuant to section b of Exhibit A – Limited Warranty - Contractor warrants for a period of ten (10) years, that with respect to all roof penetrations made by Contractor, such roof penetrations shall be free from material defects in workmanship and shall be sealed or flashed to eliminate any liquid or vapor penetration, and that such roof penetrations shall not affect or otherwise diminish the strength, integrity, water-repelling or balance of any underlying roof structure.

2. Notice of Production, Performance and Savings Guarantees

- a. As weather and other such outside forces affect the performance and production of the customers system, which in turn ultimately affects Owner savings, ION does not guarantee the performance or production of the system. All production, performance, and savings estimates provided to the Owner in other documentation are estimates only and are calculated based on solar equipment and technology using approximated billing history, utility rates, and Owner information that are subject to change.

3. Notice of Ownership of renewable portfolio energy credits

- a. Nevada Energy’s Solar Generations Program Handbook (July 2017), states that “All portfolio energy credits issued for a solar energy system installed pursuant to the Solar Program must be assigned to and become property of NV Energy. Any generating capacity installed outside of the Program must be separately metered in order to maintain ownership of portfolio energy credits.”

4. Notice of Responsibility for Interconnection Approval

- a. ION Solar will submit Owner’s system for interconnection approval once installation is complete and will communicate with the Owner when approval has been received and the system can be turned on. If a utility is unresponsive, ION may request the Owner’s help (as the utility account holder), to help communicate with and get results from the utility.



Net Metering <netmetering@ionsolar.com>

NV Energy Net Metering Application NVE-86965 - Permission to Operate

1 message

NV Energy – Clean Energy Programs <DoNotReply@powerclerk.com>
Reply-To: NV Energy – Clean Energy Programs <cleanenergy@nvenergy.com>
To: netmetering@ionsolar.com
Cc: sgangu@rocketmail.com

Tue, Jan 12, 2021 at 11:24 AM

NV Energy Clean Energy Programs

866-786-3823

cleanenergy@nvenergy.comwww.NVEnergy.com/cleanenergy

This is an official communication from NV Energy's Clean Energy Programs department sent through the PowerClerk application system.

Permission to Operate for Non-Incentive Application NVE-86965**Meter Installation Date:**

The utility inspection has passed and the bi-directional and/or battery meter has been set for **HEMALAMEENA RAJENDRAN's** system located at **1453 OVERSEER AVE, HENDERSON NV 89074**. The customer has permission to operate the generating system.

For information on how to read a net metering bill or questions on net metering billing, please visit the NV Energy [net metering page](#).

Thank you for participating in NV Energy's net metering program.

NV Energy will email you each time the status of your project changes, or if there are any concerns or problems. If you have any questions, you can always reach us by phone or email at 866-786-3823 or cleanenergy@nvenergy.com

Permit Number: BOTH2020114000



Permit Details | Tab Elements | Main Menu

Type: Photovoltaic - Residential Status: Done Project Name:

- Summary
- Locations
- Fees
- Reviews
- Inspections**
- Attachments
- Contacts
- Sub-Records
- Holds
- Meetings
- More Info

Existing Inspections | Request Inspections | Optional Inspections | Next Tab | Permit Details | Main Menu

Existing Inspections

Sort: Description

View Inspection	Description	Status	Request Date	Scheduled Date	Inspector	Action
BLDG-630569-2020	1827 - Photovoltaic Plan Verification & Inspection	Pass	11/13/2020	11/13/2020	Burris Allen	

Results per page: 10 1 - 1 of 1 << < 1 > >>

Request Inspections

Sort: Order

Description	Reinspection	Action
1820 - Electrical Tag	No	<input type="checkbox"/>

Permit Number: BOTH2020114000



[Permit Details](#) | [Tab Elements](#) | [Main Menu](#)

Type: Photovoltaic - Residential	Status: Done	Project Name:
---	---------------------	----------------------

- Summary
- Locations**
- Fees
- Reviews
- Inspections
- Attachments
- Contacts
- Sub-Records
- Holds
- Meetings
- More Info

[Locations](#) | [Parcels](#) | [Next Tab](#) | [Permit Details](#) | [Main Menu](#)

Locations

Main	Address
<input type="checkbox"/>	1453 OVERSEER AVE HENDERSON, NV 89074

Results per page: 10 | 1 - 1 of 1 | << < 1 > >>

Parcels

Sort: [Main](#)

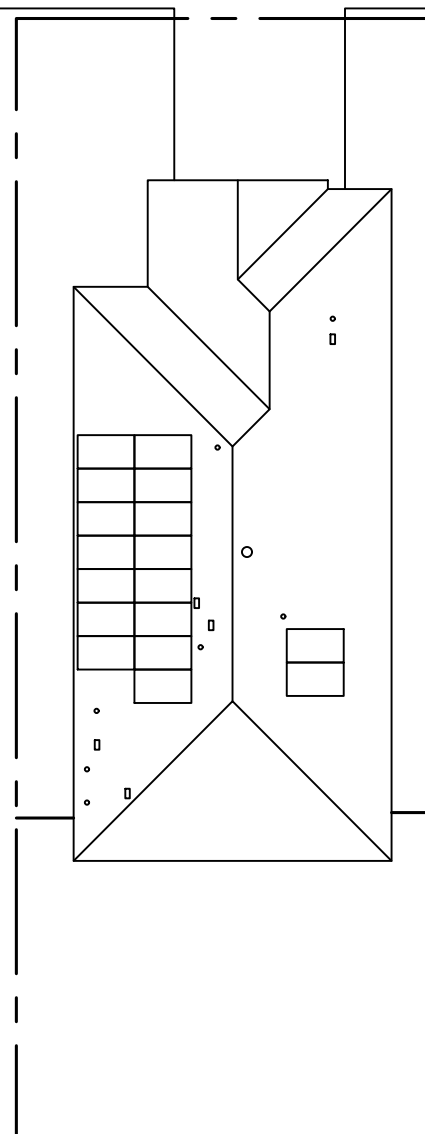
Main	Parcel	Section	Township	Range
<input type="checkbox"/>	17816613002			

Results per page: 10 | 1 - 1 of 1 | << < 1 > >>



MAP OF LOCATION

OVERSEER AVENUE



SCALE: 1" = 19'-1"

TOTAL AREA OF ROOF(S) USED: 1429.36FT²
 TOTAL AREA OF ARRAYS: 311.100000FT²
 21.76%

SCOPE OF WORK:
 THE SYSTEM CONSISTS OF A 5.78 KW DC (4.08 KW AC) ROOF-MOUNTED PHOTOVOLTAIC POWER SYSTEM OPERATING IN PARALLEL WITH THE UTILITY GRID. THERE ARE (17) SILFAB SOLAR SIL-340NL MODULES AND (17) ENPHASE IQ7-60-E-US MICRO-INVERTERS, MOUNTED ON THE BACK OF EACH PV MODULE, CONNECTING TO THE UTILITY GRID THROUGH THE EXISTING MAIN LOAD CENTER. ELECTRICAL MODIFICATIONS WILL BE MADE TO THE MAIN LOAD CENTER.

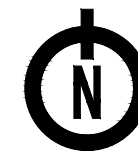
INTERCONNECTION METHOD: LOAD SIDE BREAKER

ROOF MATERIAL: S-TILE

PROJECT WILL COMPLY WITH THE 2018 IBC, 2018 IEBC, 2018 IECC, 2018 IFC, 2018 IRC & 2017 NEC.

ALL CONDUIT WILL BE PAINTED TO MATCH THE EXISTING STRUCTURE.

AC DISCONNECT LOCATED NEXT TO OR WITHIN 10 FEET OF MAIN SERVICE PANEL (LINE OF SIGHT MAINTAINED).



ION

4801 N UNIVERSITY AVE, #900
 PROVO, UT 84604
 (888) 781-7074

HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
 HENDERSON, NV 89074



PV Installation Professional

Douglas Daniels

Douglas Daniels

NABCEP Certified Professional
 #PV-10226-012318



SYSTEM SIZE: 5.78 kW DC
 4.08 kW AC
 17 MODULES

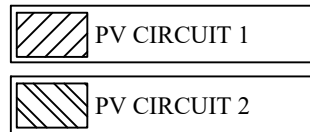
DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:

COVER PV 1.0



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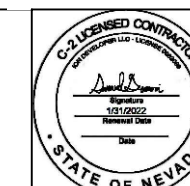
HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
 HENDERSON, NV 89074



**PV Installation
 Professional**

Douglas Daniels
 Douglas Daniels
NABCEP Certified Professional
 #PV-10226-012318



SYSTEM SIZE: 5.78 kW DC
 4.08 kW AC
 17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:
**SITE PLAN
 PV 2.0**

FIRE CODE ACCESS POINTS AND OFFSETS

UTILITY METER LOCATION

MAIN SERVICE PANEL LOCATION/
 PV INTERCONNECTION POINT

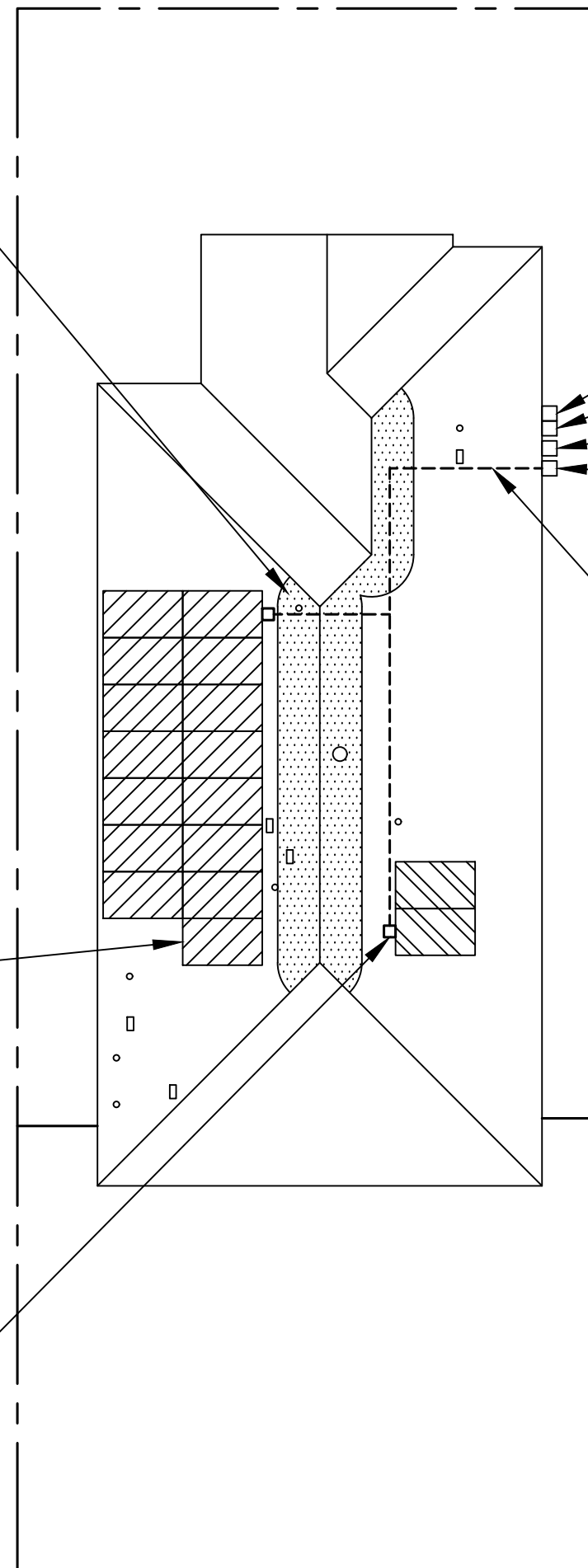
AC DISCONNECT SWITCH

PV COLLECTION PANEL &
 ENVOY IQ METER (DRAWS 0.22 AMPS)

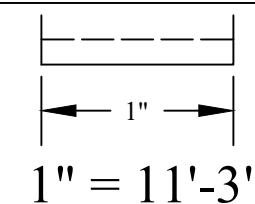
PV ARRAY WIRING

(17) PV MODULES WITH MICRO-INVERTERS.

PV ARRAY WIRING JUNCTION BOX



SCALE:

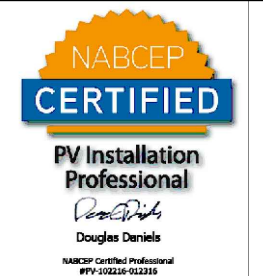


ALL WIRING WILL BE PROPERLY SUPPORTED BY DEVICES OR MECHANICAL MEANS DESIGNED AND LISTED FOR SUCH USE AND WIRING WILL BE PERMANENTLY AND COMPLETELY HELD OFF OF THE ROOF SURFACE

ALL ARRAY SUPPORTS/MOUNTS SHALL BE STAGGERED FROM ONE ROW OF RACKING TO THE NEXT SUCH THAT NOT ALL SUPPORTS/MOUNTS DISTRIBUTE LOAD ONTO THE SAME TRUSSES

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 PROVO, UT 84604
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HEMALAMEENA RAJENDRAN
 1453 OVERSEER AVENUE
 HENDERSON, NV 89074



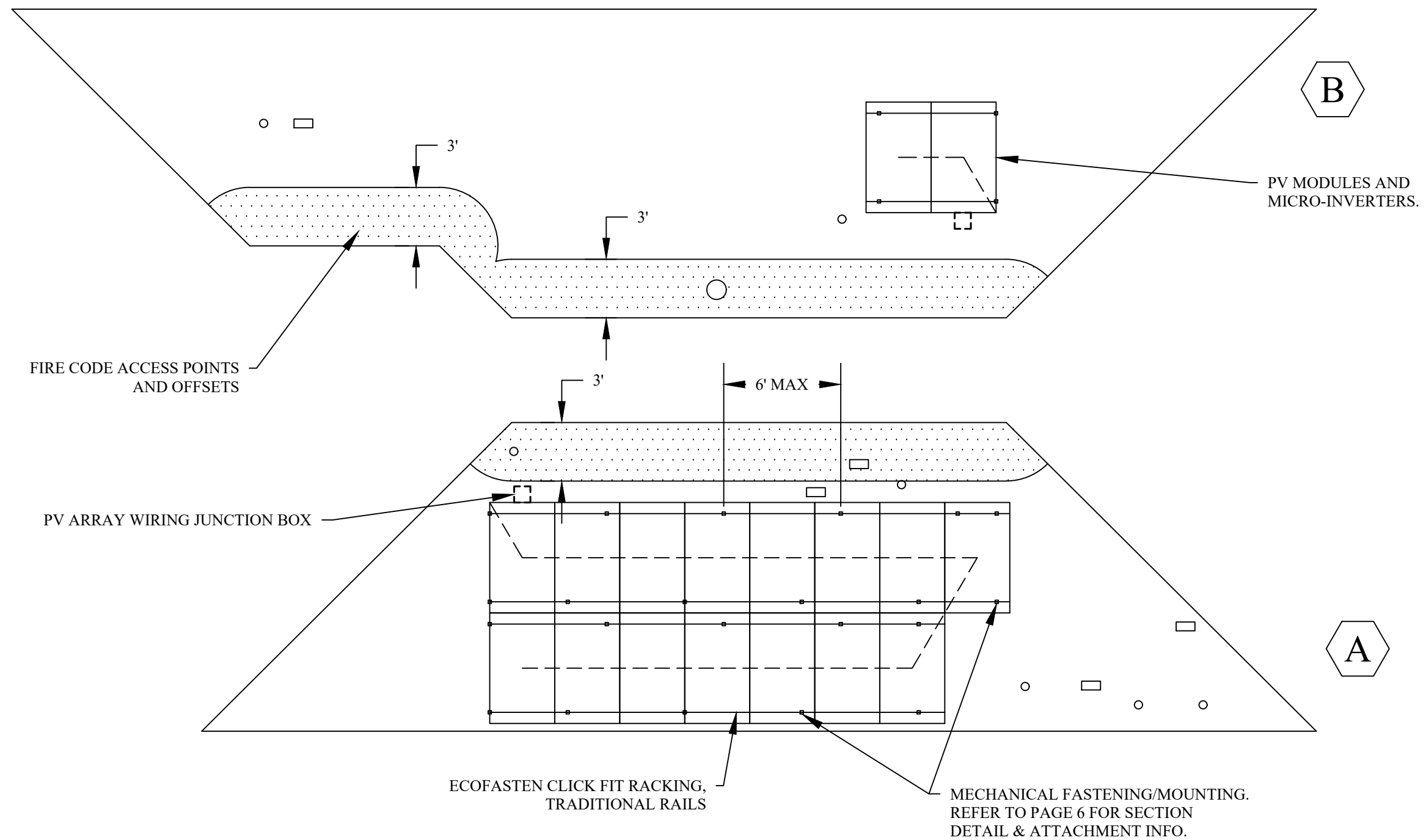
SYSTEM SIZE: 5.78 kW DC
 4.08 kW AC
 17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

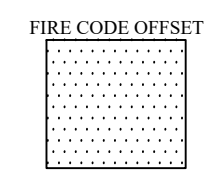
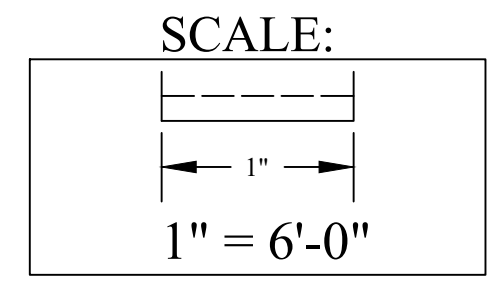
ADDITIONAL NOTES:
 2" X 4" TRUSS SYSTEM 24" ON CENTER
 CANTILEVERS WILL BE NO MORE THAN 24"
 ATTACHMENT POINTS WILL BE NO MORE THAN 6" APART, STAGGERED

SHEET:
**ROOF PLAN
 PV 3.0**



ROOF SECTION DATA

ROOF SECTION	A	B	C	D	E	F	G	H
MODULES	15	2						
TILT	18	18						
AZIMUTH	270	90						
SOLAR ACCESS AVG.	99.00%	100.00%						



AERIAL ROOF PHOTO

ION

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PROVO, UT 84604
(888) 781-7074

HEMALAMEENA RAJENDRAN

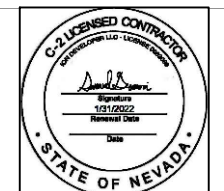
1453 OVERSEER AVENUE
HENDERSON, NV 89074



**PV Installation
Professional**

Douglas Daniels
Douglas Daniels

NABCEP Certified Professional
#PV-102226-012318



SYSTEM SIZE: 5.78 kW DC
4.08 kW AC
17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:
AERIAL ROOF PHOTO
PV 4.0



WEATHER DATA	
HIGH TEMP, 2% AVG.	42 °C
MIN DESIGN TEMP	-4 °C
GROUND SNOW LOAD	5 psf
WIND SPEED	115 mph

- HIGH TEMPERATURE 2% AVERAGE BASED ON ASHRAE HIGHEST MONTH 2% DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION LOCATION
- MINIMUM DESIGN TEMPERATURE BASED ON ASHRAE MINIMUM MEAN EXTREME DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION LOCATION
- ALTERNATE POWER SOURCE PLACARD SHALL BE PERMANENTLY ATTACHED TO A/C DISCONNECT
- ELECTRICAL INSTALL SHALL COMPLY WITH 2017 NATIONAL ELECTRICAL CODE
- ALL SOLAR MODULES, EQUIPMENT, AND METALLIC COMPONENTS SHALL BE BONDED
- IF THE EXISTING MAIN SERVICE DOES NOT HAVE VERIFIABLE GROUNDING ELECTRODE, IT IS THE PV CONTRACTOR'S RESPONSIBILITY TO INSTALL A SUPPLEMENTAL GROUNDING ELECTRODE
- EACH MODULE SHALL BE GROUNDED PER MANUFACTURER INSTRUCTIONS AND APPROVED METHODS
- PV INSTALLATION SHALL NOT OBSTRUCT ANY PLUMBING, MECHANICAL OR BUILDING ROOF VENTS
- CONNECTORS THAT ARE NOT READILY ACCESSIBLE AND THAT ARE USED IN THE CIRCUITS OPERATING AT OR OVER 30V AC OR DC SHALL REQUIRE A TOOL FOR OPERATING AND ARE REQUIRED TO BE MARKED "DO NOT DISCONNECT UNDER LOAD" OR "NOT FOR CURRENT INTERRUPTING"
- THIS SYSTEM IS IN FULL COMPLIANCE WITH 2017 NATIONAL ELECTRIC CODE AND STATE OF NEVADA AMENDMENTS FOR PHOTOVOLTAIC INSTALLATION, AND ARTICLE 690 OF THE NATIONAL ELECTRIC CODE (NEC NFPA 70)
- BUILDING CONSTRUCTION TYPE: TYPE V
- BUILDING OCCUPANCY TYPE: R3

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 (888) 781-7074

HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
 HENDERSON, NV 89074



SYSTEM SIZE: 5.78 kW DC
 4.08 kW AC
 17 MODULES

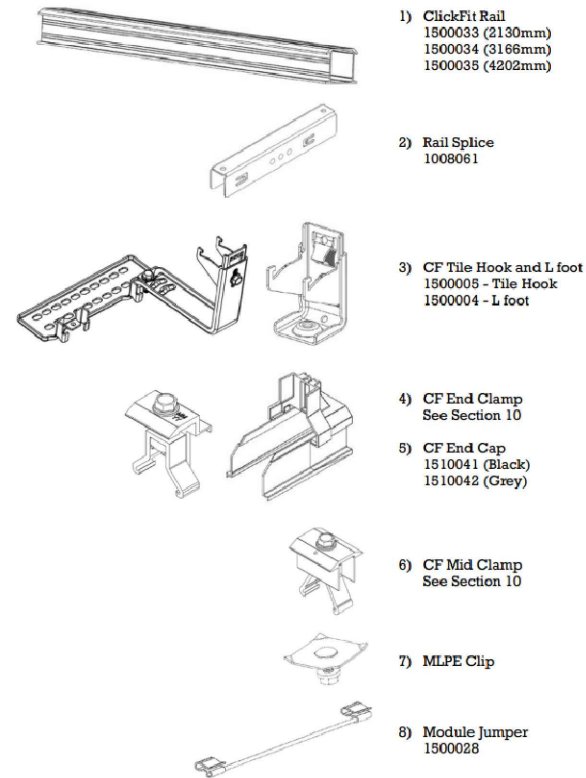
DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:
 LOCATION NOTES
 PV 5.0

4.0 System Components



- 1) ClickFit Rail
1500033 (2130mm)
1500034 (3166mm)
1500035 (4202mm)
- 2) Rail Splice
1008061
- 3) CF Tile Hook and L foot
1500005 - Tile Hook
1500004 - L foot
- 4) CF End Clamp
See Section 10
- 5) CF End Cap
1510041 (Black)
1510042 (Grey)
- 6) CF Mid Clamp
See Section 10
- 7) MLPE Clip
- 8) Module Jumper
1500028

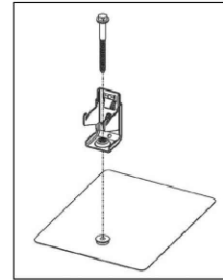
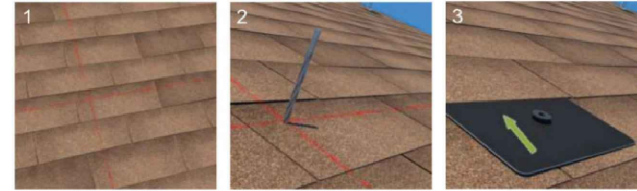
6.2 Installing flashing and L feet

- ClickFit for comp shingle roofs uses EcoFasten Solar's GFI watertight flashing system
- Other roof types may use different EcoFasten Solar attachments, see www.EcoFastenSolar.com for more information.

Installation Steps:

1. Locate rafter lines from section 5.2.
2. Drill 1/4" pilot holes at all attachment points and back fill using roof-compatible sealant.
3. Separate shingles where flashing is to be installed. Insert the flashing so the top portion is under the next row of shingles North. Ensure the flashing is pushed far enough up-slope to prevent water infiltration through the vertical joints between shingles.
4. Align GFI flashing hole with pilot hole. Insert the lag bolt with pre-installed bonded washer through the L foot and EPDM grommet. Tighten the lag bolt until a ring of EPDM is visible around the circumference of the bonded washer.

Torque range is usually between 100-140 in-lb depending upon a number of factors. The EPDM ring visual indicator is the most effective way to ensure a watertight seal without damaging the system

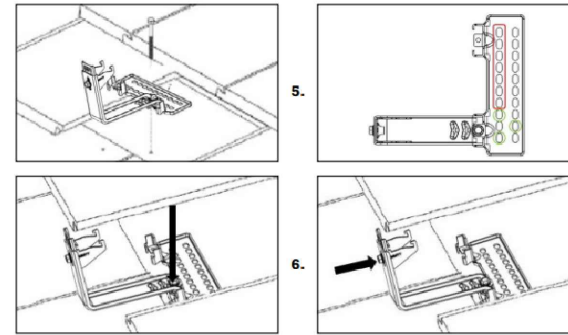


Note the orientation of the L foot and Clicker. The two Clicker "arms" should be facing downslope

REV DATE: 11/22/2019 | Draft 6 Release

6.3 Installing Tile Hooks

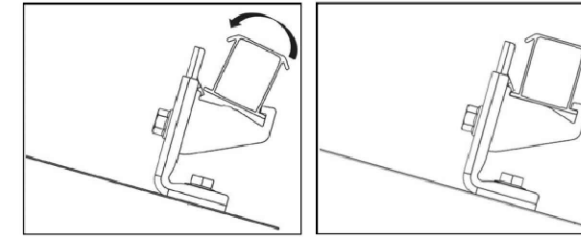
1. Locate rafters on the roof, mark the tiles to be removed. Hint: In some cases rafter tails are visible at the eaves of the roof, making it easy to find the rough location of the rafters. In other cases, the fascia board may have nail heads visible where it was attached to the rafters. In the worst-case a row of tiles may need to be moved to determine the rafter locations.
2. Slide the tile at the desired location upward to expose the roof sub surface. If the tile is to be notched, or if using a replacement flashing, remove it entirely. Clean the sub surface with a brush to remove any debris that could affect the sealing.
3. Locate the rafter center and mark it.
4. Place the tile hook with the hook itself in the valley of the next tile below. Drill one 1/4" pilot hole in the rafter center, taking care to keep the hook in the valley of the tile below. Backfill this hole with a roof-compatible sealant. For flat tiles, try to avoid having the hook land directly under a joint between tiles, this will create a larger gap or more notching than necessary.
5. Install one 5/16" x 4" lag screw on the row of holes closest to the tile hook arm. If possible, install the screw in one of the three holes directly next to the arm. If the lag screw must be installed in one of the seven holes furthest from the arm (denoted by the red rectangle below), install three deck screws in the pattern shown by the green circles below.
6. Adjust the height of the tile hook as necessary using the bolt shown in the fourth image.
7. Flash the surrounding area and lag screw head with roof-compatible sealant as necessary.
8. Replace the tile that was moved and/or removed, or install the tile replacement flashing. If it is to be notched, mark the tile for notching. Notching can be done with a grinding wheel or by using a chisel.



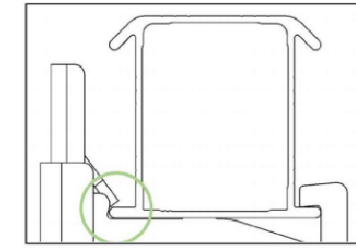
REV DATE: 11/22/2019 | Draft 6 Release

6.4 Installing the Rail

1. Place the rail in the Clickers.
2. Ensure the rails extend a minimum of 2" past the last attachments in each row and that each rail is aligned with the next row North and/or South.
3. Roll the rail into each Clicker, an audible "click" should be heard. If attachments are extremely misaligned it may be necessary to loosen the leveling bolt, snap the Clicker onto the rail, then re-tighten the leveling bolt.
4. Level the rail if necessary by loosening the bolt attaching the Clicker to the L foot or tile hook.



Ensure the tab on the Clicker is aligned with the rail edge as shown below



REV DATE: 11/22/2019 | Draft 6 Release

8.0 System Specifications

Max Modules Per Ground Lug	300
Max Cantilever	1/3 of allowable Bracket Spacing
Fire Rating - Tile	Type 1 on Non-Combustible Roof Surfaces
Fire Rating	Type 1
Max System Voltage	1000VDC
Ground Wire Specs	TRD by Engineer of Record
Max Downforce/Uplift	TRD by Engineer of Record
Warranty	20 Year Material and Workmanship
UL Marketing	System Marketings Per-Install on all End-Caps
Roof Pitch	10-60 Degrees

UL Mark Example:

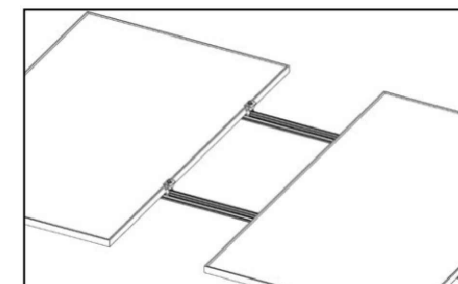
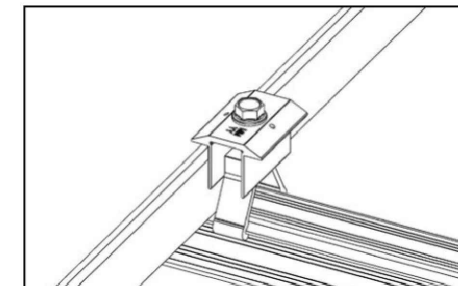
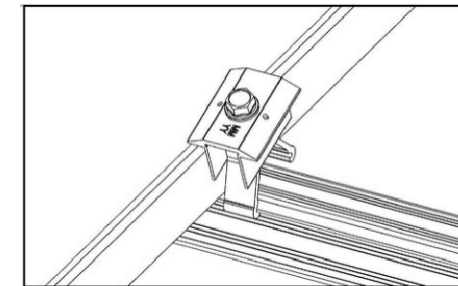
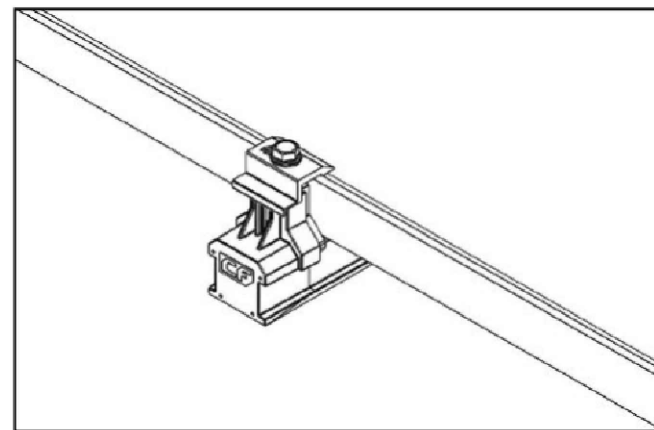
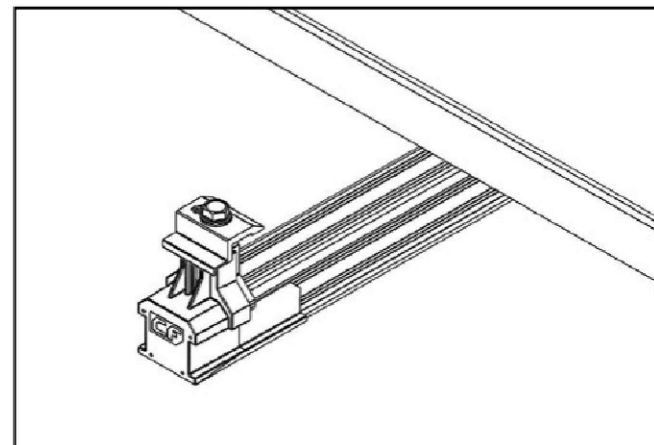
ECOFASTEN CF
MMYY-X UL 2703 PTL
TU 721990011 01

(-X denotes manufacturer ID)

Torque Specifications

Component	Torque (in-lb)	Notes
Lag Screw	120-140	Changes depending on roof/moisture/etc. Use visual indicator of the black EPDM ring around the bonded washer for torquing.
Mid-Clamp	144	
End-Clamp	144	
Rail Clicker Leveling Bolt	80	Pre-torqued upon delivery. Applies to Tile Hook and L-Foot/Clicker
Hook Height Bolt	N/A	Lightly clamp hook to flash with top of next tile row
Ground Lug	N/A	Refer to specific ground lug manufacturer's installation manual

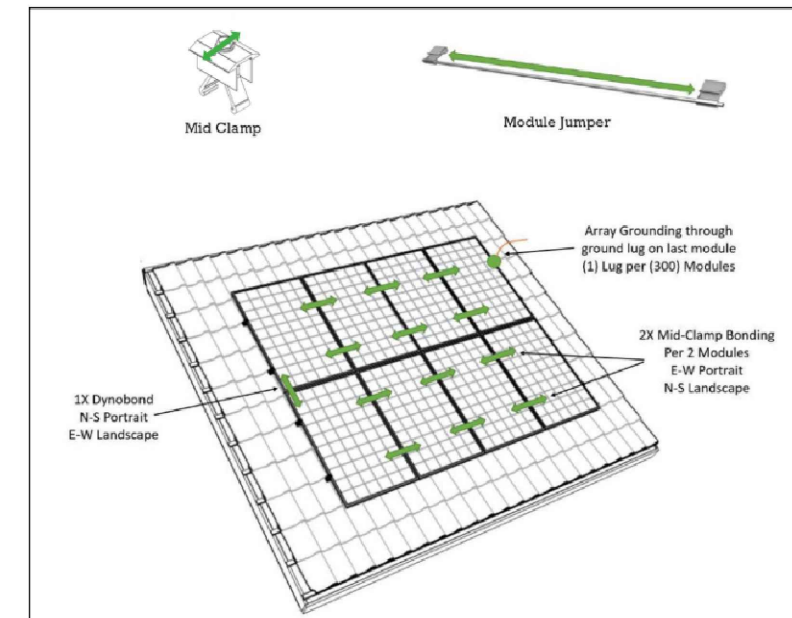
END CLAMPS/CAPS & MID CLAMPS



7.0 Bonding and Grounding

7.1 Bonding Paths

All bond paths are carried either module-to-module through the mid clamp, or module-to-module through the module jumper shown below (bond paths shown in green):



Mid clamps are multi-use, however, if a mid-clamp is removed after tightening, ensure that the grounding pins bite into "new metal" to ensure proper bonding

ION

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PROVO, UT 84604
(888) 781-7074

HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
HENDERSON, NV 89074



PV Installation
Professional

Douglas Daniels
Douglas Daniels

NABCEP Certified Professional
#PV-100226-022315



SYSTEM SIZE: 5.78 kW DC
4.08 kW AC
17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

FOR TILE ROOF INSTALL:

5/16" X 3" LAG BOLTS,
MIN. EMBEDMENT 2 1/2"

FOR COMPOSITE SHINGLE INSTALL:

5/16" X 4" LAG BOLTS,
MIN. EMBEDMENT 2 1/2"

SHEET:

MOUNTING
PV 6.0



CLICKFIT

ION

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(888) 781-7074

THIS PV SYSTEM WILL HAVE THE FOLLOWING MARKINGS:

- 1 -- MATERIALS USED FOR MARKINGS WILL BE WEATHER RESISTANT. THE UNDERWRITERS LABORATORIES MARKING AND LABELING SYSTEM 969 (UL969) WILL BE USED AS STANDARD TO DETERMINE WEATHER RATING.
- 2 -- MARKING STATING "CAUTION: SOLAR ELECTRIC SYSTEM CONNECTED" WILL BE PLACED AT THE MAIN SERVICE DISCONNECT.
- 3 -- MARKING STATING "WARNING: PHOTOVOLTAIC POWER SOURCE" WILL BE PLACED ALONG DIRECT CURRENT CONDUIT, RACEWAYS, ENCLOSURES, CABLE ASSEMBLIES, AND JUNCTION BOXES.
- 4 -- THE MARKING WILL BE MADE TO THE FOLLOWING SPECIFICATIONS:
 - RED BACKGROUND
 - WHITE LETTERING
 - MINIMUM 3/8" LETTER HEIGHT
 - ALL CAPITAL LETTERS
 - ARIAL OR SIMILAR FONT, NON-BOLD
 - REFLECTIVE, WEATHER RESISTANT MATERIAL SUITABLE FOR THE ENVIRONMENT (DURABLE ADHESIVE MATERIALS MAY MEET THIS REQUIREMENT)
- 5 -- MARKING WILL BE PLACED ON ALL INTERIOR AND EXTERIOR CONDUIT, RACEWAYS, ENCLOSURES, CABLE ASSEMBLIES, AND JUNCTION BOXES TO ALERT THE FIRE SERVICE TO AVOID CUTTING THEM. MARKINGS WILL BE PLACED ON ALL EXTERIOR DC CONDUIT, RACEWAYS, ENCLOSURES, AND CABLE ASSEMBLIES EVERY 10 FEET, AT TURNS AND ABOVE AND/OR BELOW PENETRATIONS AND ALL DC COMBINER AND JUNCTION BOXES.

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1453 OVERSEER AVENUE
HENDERSON, NV 89074



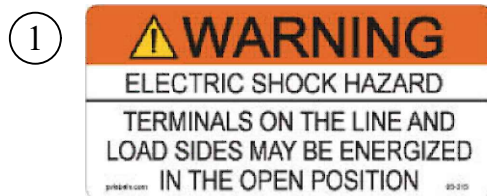
SYSTEM SIZE: 5.78 kW DC
4.08 kW AC
17 MODULES

DATE: 10/22/2020

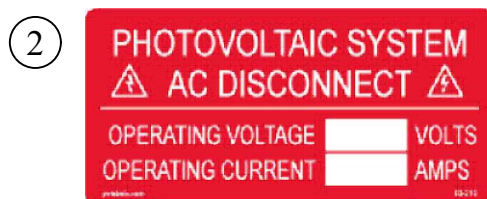
DRAWN BY: TH

ADDITIONAL NOTES:

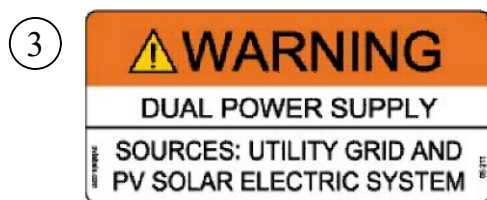
SHEET:
SYSTEM MARKINGS
PV 7.0



LOCATED AT ALL PV DISCONNECTING MEANS WHERE ALL TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION



LOCATED AT THE POINT OF INTERCONNECTION AND MARKED AT ALL A/C DISCONNECTING MEANS



LOCATED AT THE POINT OF INTERCONNECTION FOR EQUIPMENT CONTAINING OVERCURRENT DEVICES IN CIRCUITS SUPPLYING POWER TO A BUSBAR OR CONDUCTOR SUPPLIED FROM MULTIPLE SOURCES

LOCATED AT EACH SERVICE EQUIPMENT AND ALL ELECTRIC POWER PRODUCTION SOURCE LOCATIONS

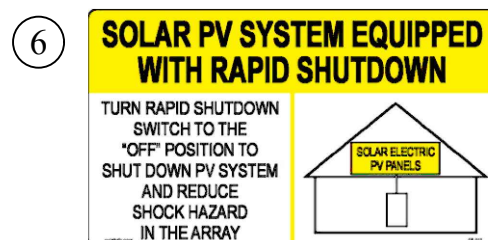


LOCATED AT THE POINT OF INTERCONNECTION AND MARKED AT ALL A/C DISCONNECTING MEANS



LOCATED ON DIRECT-CURRENT EXPOSED RACEWAYS, CABLE TRAYS, COVERS AND ENCLOSURES OF JUNCTION BOXES, AND OTHER WIRING METHODS

LABEL SHALL BE SPACED AT MAXIMUM 10 FT. SECTIONS OR WHERE SEPARATED BY ENCLOSURES, WALLS, PARTITIONS, CEILINGS, OR FLOORS

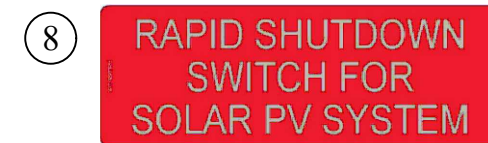


LABEL PLACED FOR PV SYSTEMS THAT SHUT DOWN THE ARRAY AND CONDUCTORS LEAVING THE ARRAY LEVEL (AFTER THE MICRO-INVERTER OUTPUT TERMINALS)

LOCATED NO MORE THAN 3 FT. AWAY FROM THE SERVICE DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED AND AT ALL IDENTIFIED RAPID SHUTDOWN SWITCHES IF NOT IN THE SAME LOCATION



LOCATED AT MAIN SERVICE DISCONNECTING MEANS IF ALL ELECTRICAL POWER SOURCE DISCONNECTING MEANS ARE GROUPED WITHIN 10 FT. AND WITHIN LINE OF SITE OF THE MAIN SERVICE DISCONNECT



LOCATED AT THE PRIMARY RAPID SHUT DOWN DISCONNECT SWITCH

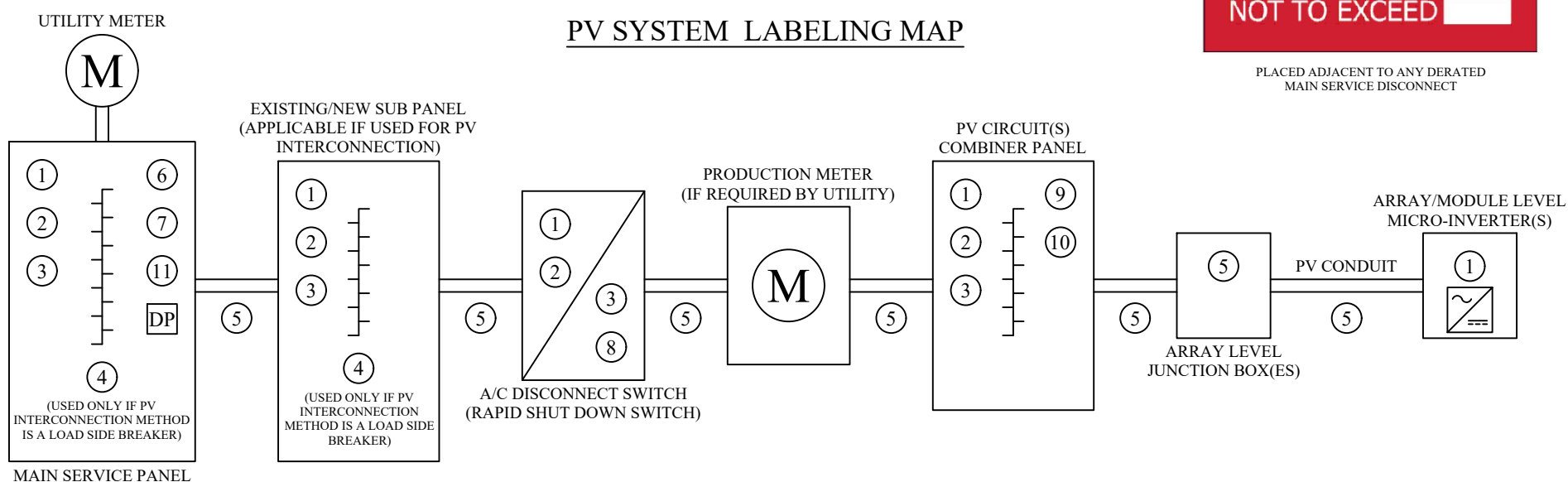
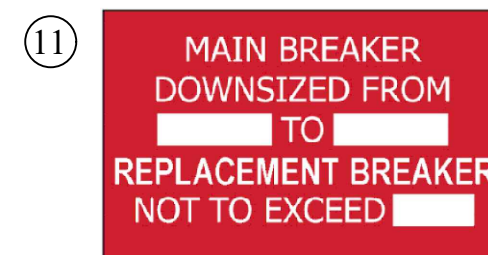


LABEL USED ONLY IF THERE ARE 3 OR MORE SUPPLY/POWER SOURCES ON A BUSBAR

LOCATED AT LOAD CENTERS CONTAINING 3 OR MORE SUPPLY/POWER SOURCES



LOCATED ON THE PV CIRCUIT(S) COMBINER PANEL



* DIRECTORY PLACARD REQUIRED BY NEC 705.10, TO BE PLACED ON THE MAIN SERVICE PANEL COVER (SHOWN AS LABEL "DP"). SEE DIRECTORY PLACARD ATTACHED TO PLANSET FOR REFERENCE.

ION

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HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
HENDERSON, NV 89074



PV Installation Professional

Douglas Daniels
NABCEP Certified Professional
#PV-100226-002318



SYSTEM SIZE: 5.78 kW DC
4.08 kW AC
17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:
LABELS & SIGNAGE
PV 8.0

PV MODULE SPECIFICATIONS		
MODULE MAKE AND MODEL	SILFAB SIL 340NL	
MAXIMUM POWER (DC)	340	WATTS
MAX POWER-POINT VOLTAGE (VMPP)	33.7	VOLTS
MAX POWER-POINT CURRENT (IMPP)	10.10	AMPS
OPEN CIRCUIT VOLTAGE (VOC)	40.9	VOLTS
SHORT CIRCUIT CURRENT (ISC)	10.5	AMPS
TEMPERATURE COEFFICIENT VOC	-0.28	%/°C
MAXIMUM SYSTEM VOLTAGE	1000V DC (UL)	

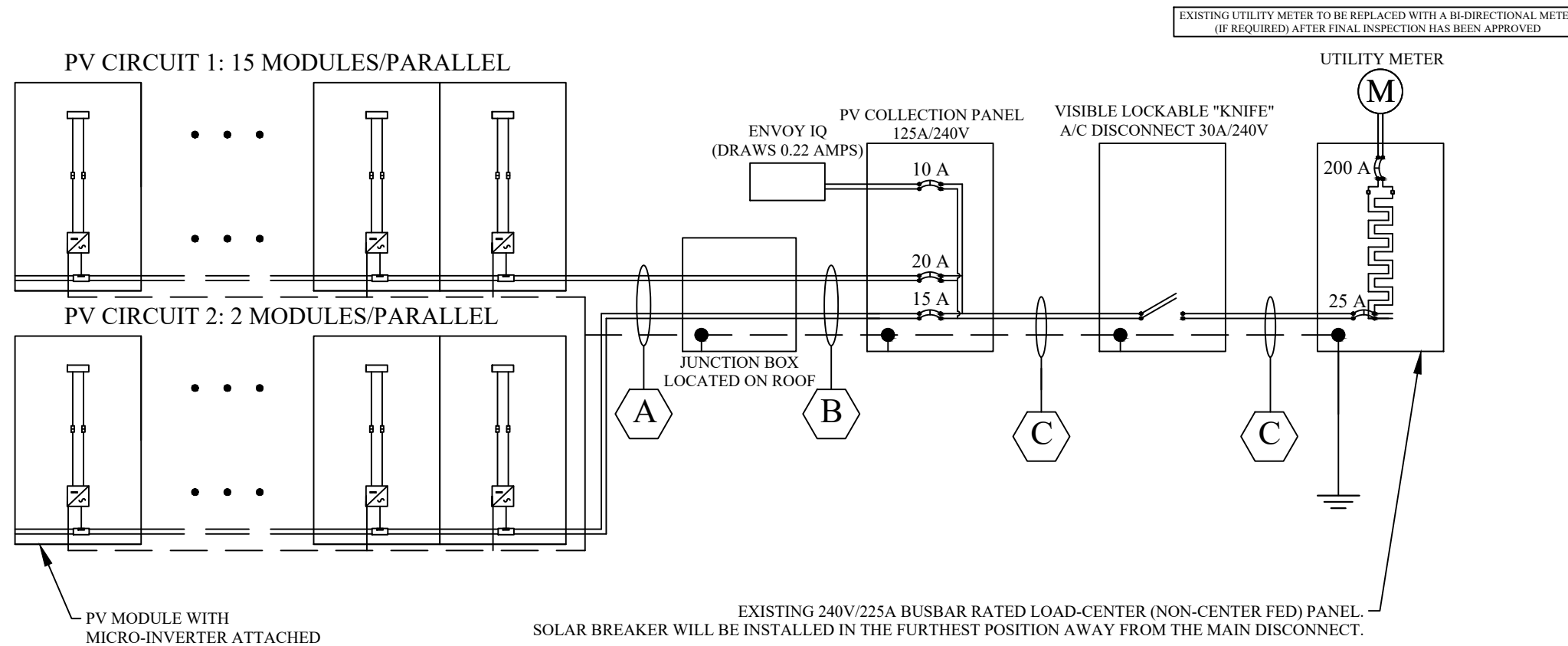
MICRO-INVERTER SPECIFICATIONS		
INVERTER MAKE AND MODEL	ENPHASE IQ7-60-E-US	
RATED OUTPUT POWER (AC)	240	WATTS
NOMINAL OUTPUT VOLTAGE (AC)	240	VOLTS
MAX OUTPUT CURRENT (AC)	1	AMPS
MAX INPUT VOLTAGE (DC)	48	VOLTS
MAX INPUT CURRENT (DC)	15	AMPS
MAX OCPD RATING (AC)	20	AMPS
MAX NUMBER OF PANELS PER CIRCUIT	16	

ION

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HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
HENDERSON, NV 89074



PV Installation Professional

Douglas Daniels
NABCEP Certified Professional
#PV-102265-022818



SYSTEM SIZE: 5.78 kW DC
4.08 kW AC
17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:

**1-LINE
EL 1.0**

RACEWAY AND CONDUCTOR SCHEDULE

TAG	CONDUCTOR TYPE	MINIMUM WIRE SIZE	# OF CONDUCTORS	RACEWAY / CABLE TYPE	MINIMUM CONDUIT SIZE
A	ENPHASE Q-CABLE (USE-2)	12	2	USE-2 / FREE AIR	FREE AIR
	BARE COPPER (EGC)	6	1	BARE / FREE AIR	
B	CU THHN OR NM-B CABLE *	10	4	EMT OR NM-B CABLE	3/4" / INTERIOR USE
	CU THHN OR NM-B CABLE (EGC) *	10	1		
C	CU THHN/THWN-2	10	3	EMT	3/4"
	CU THHN/THWN-2 (EGC)	10	1		

AC PHOTOVOLTAIC SYSTEM RATINGS

MAX AC OPERATING CURRENT	17	AMPS
MAX AC OPERATING VOLTAGE	240	VOLTS

*TYPE NM-B CABLE WILL BE RAN THROUGH THE ATTIC SPACE/INTERIOR WHERE POSSIBLE

** IF MORE THAN 12 CONDUCTORS, TWO SEPARATE RACEWAYS MAY BE INSTALLED WITH NO MORE THAN 12 CONDUCTORS IN EACH RACEWAY OTHERWISE, #6 WIRE AND 3/4" CONDUIT MUST BE USED WHERE APPLICABLE

NEC ARTICLE 690.43 EQUIPMENT
 GROUNDING SPECIFIES THAT ALL
 EXPOSED NON-CURRENT-CARRYING
 METAL PARTS OF PV MODULE FRAMES,
 ELECTRICAL EQUIPMENT, AND
 CONDUCTOR ENCLOSURES SHALL BE
 PROVIDED WITH EQUIPMENT GROUNDING.
 690.43(B) STRUCTURE AS EQUIPMENT
 GROUNDING CONDUCTOR ALLOWS FOR
 EQUIPMENT TO BE USED AS THE
 EQUIPMENT GROUNDING CONDUCTOR IN
 A PHOTOVOLTAIC SYSTEM. SPECIFICALLY,
 “DEVICES LISTED, LABELED, AND
 IDENTIFIED FOR BONDING AND
 GROUNDING THE METAL PARTS OF PV
 SYSTEMS SHALL BE PERMITTED TO BOND
 THE EQUIPMENT TO GROUNDED METAL
 SUPPORTS.” THE DEVICES LISTED AND

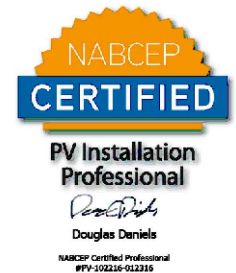
IDENTIFIED FOR GROUNDING THE
 EQUIPMENT MAY BE STAND-ALONE
 GROUNDING COMPONENTS OR UL-2703
 LISTED MOUNTING HARDWARE. IN AN
 ENPHASE MICROINVERTER SYSTEM, IF
 THE MICROINVERTERS AND MODULES
 ARE BONDED TO THE RACKING
 ASSEMBLIES WITH THE USE OF LISTED
 AND APPROVED GROUNDING CLIPS OR
 GROUNDING COMPONENTS, THE
 EQUIPMENT GROUNDING CONDUCTOR
 PROVIDED TO THE MICROINVERTERS
 THROUGH THE ENPHASE ENGAGE CABLE
 MAY ALSO BE USED TO GROUND THE
 OTHER PHOTOVOLTAIC SYSTEM
 COMPONENTS.

ION

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 PROVO, UT 84604
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HEMALAMEENA RAJENDRAN

1453 OVERSEER AVENUE
 HENDERSON, NV 89074



SYSTEM SIZE: 5.78 kW DC
 4.08 kW AC
 17 MODULES

DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:
 ELECTRICAL NOTES
 EL 2.0

ELECTRICAL PHOTOS

ION

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 PROVO, UT 84604
 (888) 781-7074

HEMALAMEENA RAJENDRAN

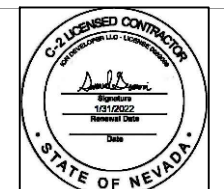
1453 OVERSEER AVENUE
 HENDERSON, NV 89074



PV Installation Professional

Douglas Daniels
 Douglas Daniels

NABCEP Certified Professional
 #PV-00226-02316



SYSTEM SIZE: 5.78 kW DC
 4.08 kW AC
 17 MODULES

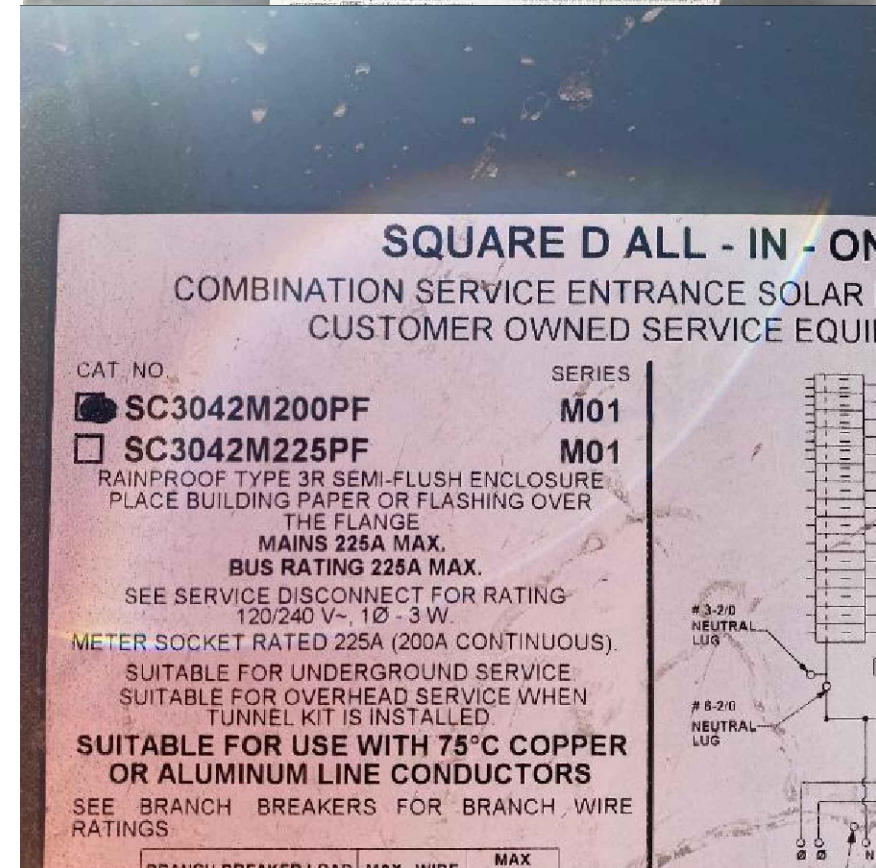
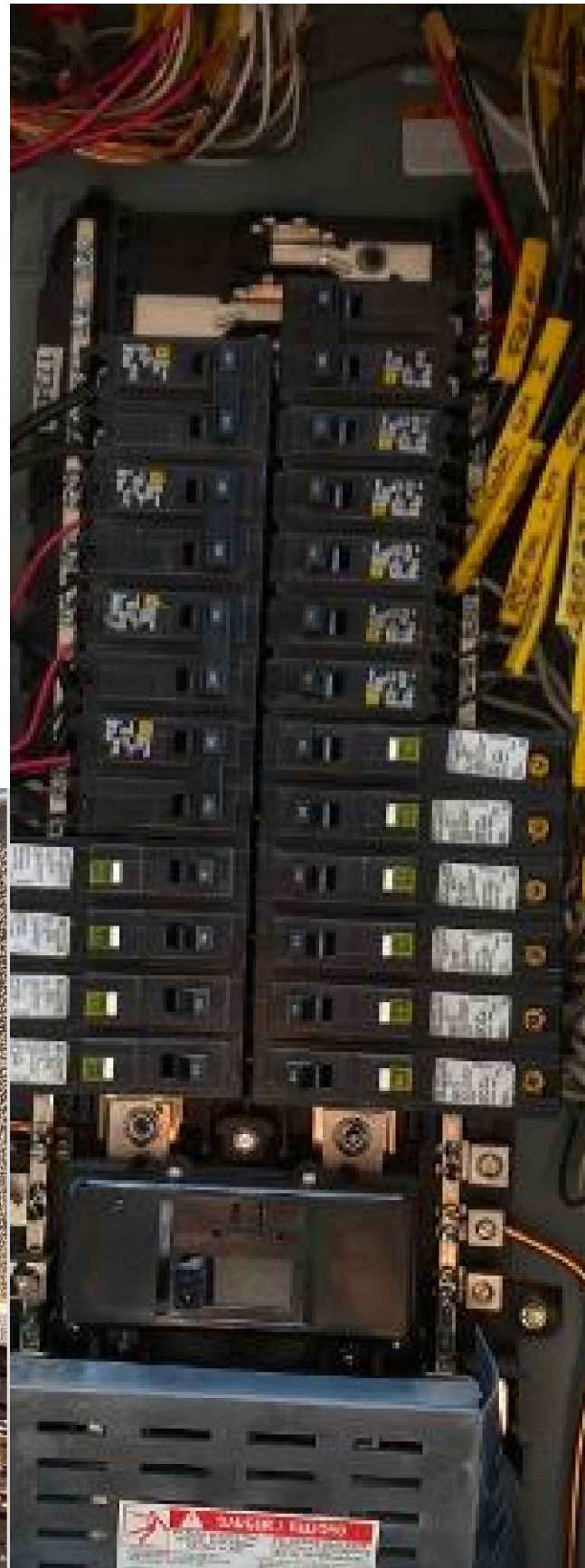
DATE: 10/22/2020

DRAWN BY: TH

ADDITIONAL NOTES:

SHEET:
 ELECTRICAL PHOTOS

EL 3.0



ION SOLAR



Somsheker Gangu

1453 Overseer Ave Henderson,
89074

Completed By: Antonio Ortiz-
Hernandez
Nov 5, 2020

Customer Information

Customer Name: Somsheker Gangu

Survey Address: 1453 Overseer Ave Henderson, 89074

Assessment Date: Nov 5, 2020

Survey Type: Installation - Standard 6kw

Survey Tech: Antonio Ortiz-Hernandez

Salesforce Project Name: Gangu, Somsheker - 1453 Overseer Ave

General Install

Names of crew members and electrician:: Antonio Emil Jose

Did you roll a truck to the home?: No

Any issues, damages, or customer concerns to report?: No

Ready for Inspection?: Yes

Inspection paperwork left onsite? Yes

Yard sign placed or given to customer? No

Photo of yard sign:

Did you get the install survey completed with the customer? Yes

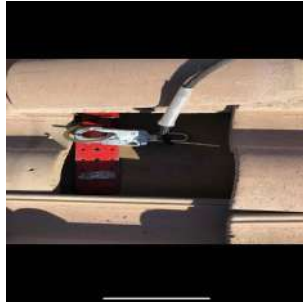
Mounts and Racking

Pre-install: Any existing damage on roof where solar panels will be located? No

Description of damage::

Photos of existing roof damage:

Anchor Tie-Off:



Anchor Tie-Off (Sealing After Removed):



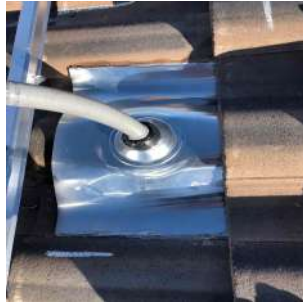
Installer Harnessed & Tied Off (1 Photo):



Flashing SEALING BEFORE LAY:



Flashing AFTER SEALING:



Clamps to Racking (2 Photos):



Mounts and Racking fully complete? Yes

What additional work is needed?:

How long will this take to complete?:

Do we need to order special equipment for it?:

How many

people are needed and what skill level should they have? (inspections tech, crew, electrician, etc):

Panels

Panel Make and Model:: Silfab

Number of panels installed:: 17

Site survey performed correctly?: Yes

What was wrong with the site survey?:

Any changes to roof layout or roof design?: Yes

What changed?: customer wanted panels moved per him for him to sing it

Array Tilt (1 Photo for each Array):



Back of Solar Panel (Show Serial Number, Watts of Panel That Correspond with Customer):

ARRAY PHOTOS

(ALL ARRAYS/PANELS! Photos must be clear enough so that each panel can be counted.):



Roof Checked post-install for Broken Tile, Tools, Trash, etc?
clean
:

Panels fully complete?:
Yes

What additional work is needed?:

How long will this take to complete?:

Do we need to order special equipment for it?:

How many people are needed and what skill level should they have?
(inspections tech, crew, electrician, etc):

Wire Management

Wire

Management (1
Photo per Array):



Roof Clearance
(1 Photo for each
array):



Inverter(s) (2
Photos):



Wire management (trunk, inverters, etc) fully complete?:

What additional work is needed?:

How long will this take to

complete?:

Do we need to order special equipment for it?:

How many people are needed and what skill level should they have? (inspections tech, crew, electrician, etc):

Attic Run

Attic or Soffit Entrance and Penetration: Yes

Show Photo:

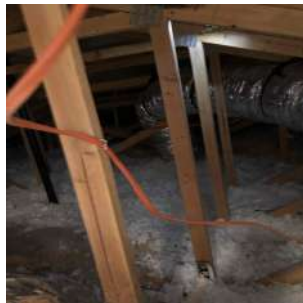


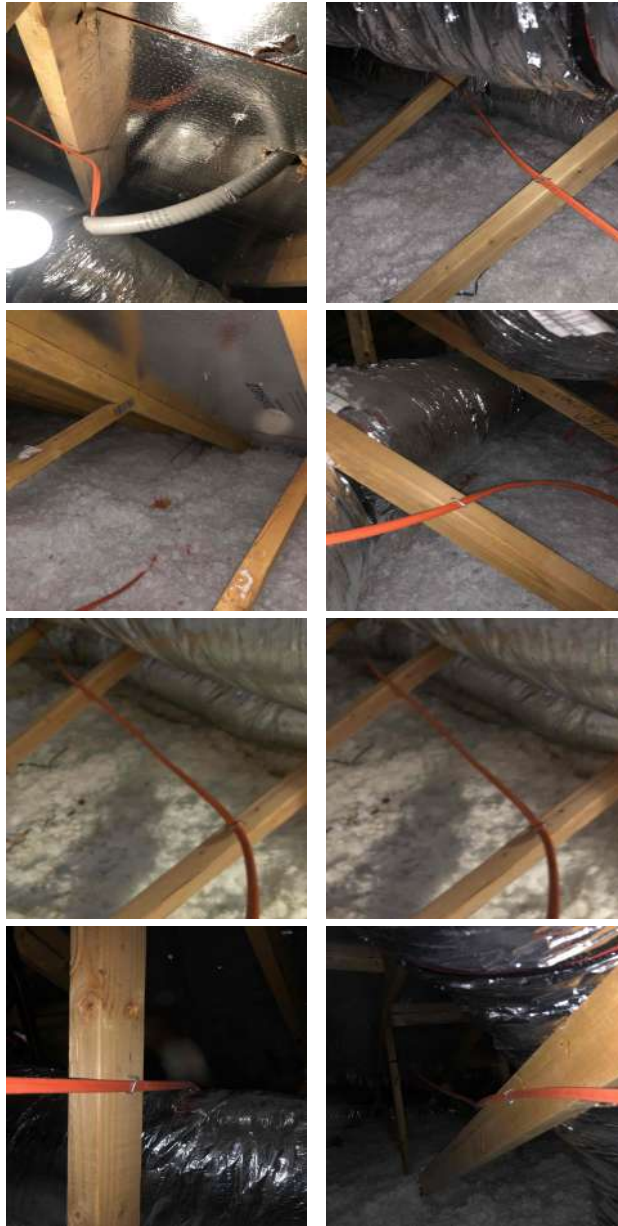
Are there Roof Conduit Runs?: No

Show Roof Conduit Runs (As Many Photos as Necessary):

Are their Attic Runs?: Yes

Show attic runs (As Many Photos as Necessary):





Attic run fully complete?: Yes

What additional work is needed?:

How long will this take to complete?:

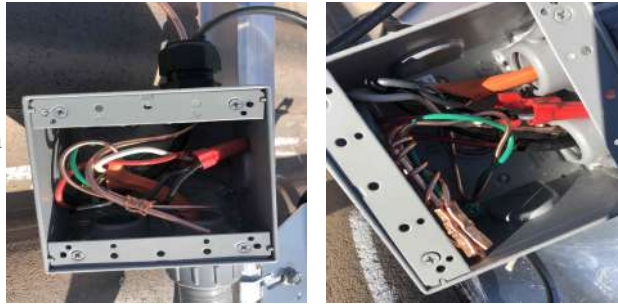
Do we need to order special equipment for it?:

How many people are needed and what skill level should they have?

(inspections tech,
crew, electrician,
etc):

Boxes Mounted

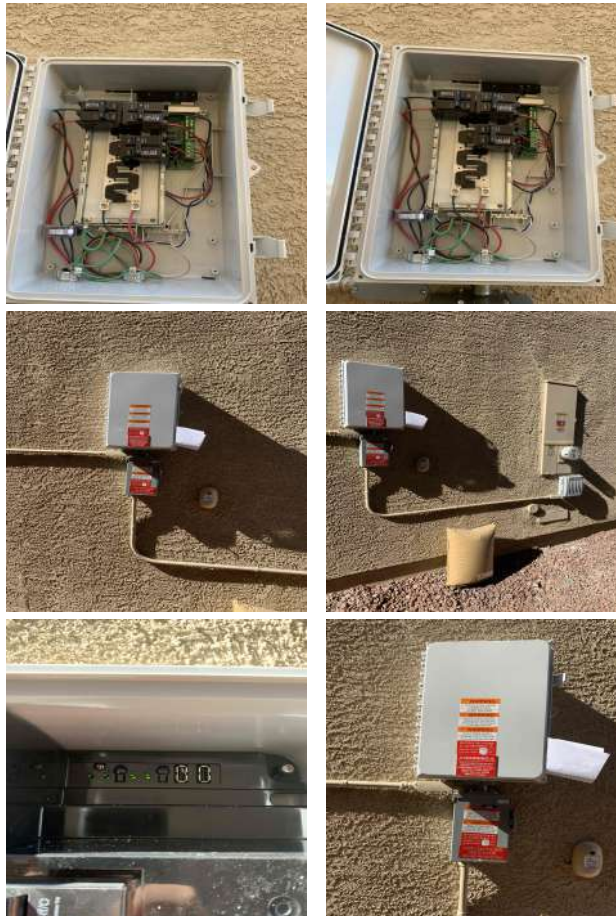
Roof
Combiner/Transition
Box/J-Box (2
Photos):



Is there a PV
Combiner
Panel/AC
Combiner Box?:

Yes

PV Combiner
Panel/AC
Combiner Box (3
Photos - 1 Box
Open, 1 Box
Closed, 1
Showing
Amperage):





Is there a DC Disconnect?: No

DC Disconnect Pictures (2 Photos):

AC Disconnect - Open (1 Photo):



AC Disconnect - Closed (1 Photo):



Homerun Conduit

Home Run Conduit (As Many Photos as Necessary):





Home Run
Conduit fully
complete?: Yes

What additional
work is needed?:

How long will
this take to
complete?:

Do we need to
order special
equipment for
it?:

How many
people are
needed and what
skill level should
they have?
(inspections tech,
crew, electrician,
etc):

Conduit Painted

Was the conduit
painted?: Yes

Photo of painted
conduit.:

Why not?:

How long will
this take to
complete?:

Do we need to
order special
equipment for
it?:

How many
people are
needed and what

skill level should they have?
(inspections tech, crew, electrician, etc):

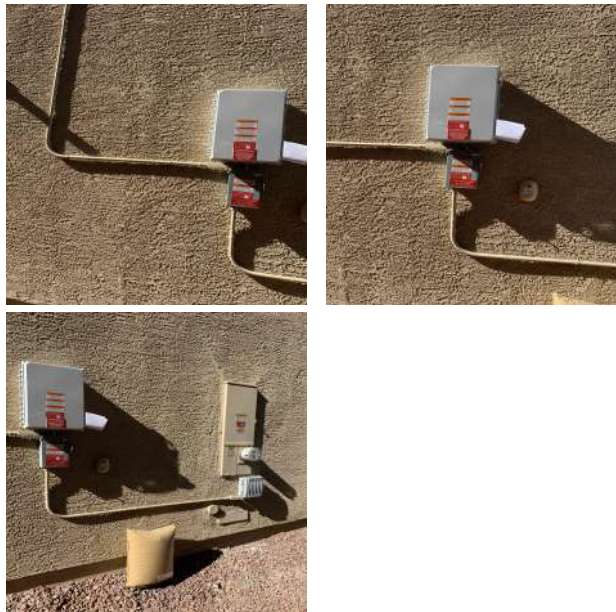
Interconnection

Groundwork, MSP Checked post-install for Damage, Tools, Trash?: **clean**

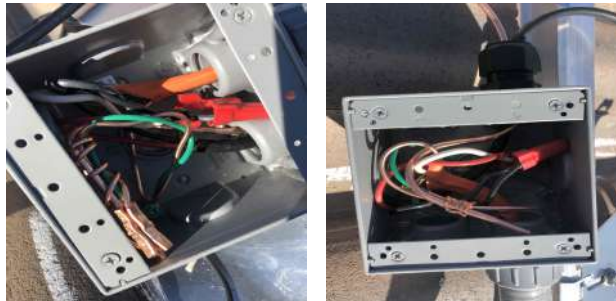
Any changes to electrical design or 1-line diagram (including breaker size or wire size)?: **No**

What changed?:

Groundwork Wall (2 Photos):



Bonding (As Many Photos as Necessary):





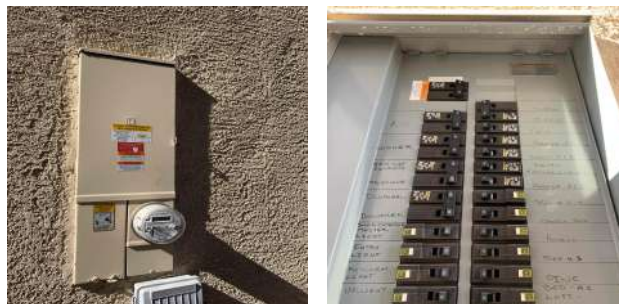
Did we Install Ground Rod(s)?: No

Photo of ground rods::

Is there a Utility Generation Meter?: No

Enter the utility generation meter VOLTS:

Interconnection (3 Photos - Deadfront On, Deadfront Off, Showing Amperage):





Interconnection fully complete?: Yes

What additional work is needed?:

How long will this take to complete?:

Do we need to order special equipment for it?:

How many people are needed and what skill level should they have?
(inspections tech, crew, electrician, etc):

Stickers, Placards, Labels, Brass Tags

Show LEGIBLE photos of all brass tags,

stickers, and placards placed:



Sticker with Volts and Amps Filled out:



Stickers, placards, labels, and brass tags fully complete? Yes

What additional work is needed?:

How long will this take to complete?:

Do we need to order special equipment for it?:

How many people are needed and what skill level should they have? (inspections tech, crew, electrician, etc):

Envoy Provisioning

Envoy Meter photo showing serial number legibly:



Envoy meter serial number: 122035061580

Microinverter Maps and Serial Numbers:



Envoy fully provisioned?: Yes

What additional work is needed?:

How long will this take to complete?:

Do we need to order special equipment for it?:

How many people are needed and what skill level should they have? (inspections tech, crew, electrician, etc):

Notes

General notes
about the
project::