

B

Type



Plans

BLD 16-3247

Permit Number

5060

Street Number

Hessel Ave

Street Name

HES

Community Code

062-113-033

APN

COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900 FAX (707) 565-1103

Please Print Your Name: **JBL SOLAR ENERGY** Date Applied: **6/24/2016**

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: **5060 HESSEL AVENUE** City: **SEBASTOPOL** ZIP: **95472**
 Cross-Street: _____ APN: **062-113-033** Project Phone #: **062-113-033** Project Fax #: _____
 Directions: **ON CHURCH BUILDING** Email address: **SAM@JBL SOLAR ENERGY.COM** Unit: _____ Lot #: _____
 Describe Project: **50.82 KW DC SOLAR ELECTRIC SYSTEM, ROOF MOUNTED, CONSISTING OF (154) SUNIVA 330W MODULES, AND (2) SOLECTRIA 23 KW INVERTERS.** Living Area: _____ Garage: _____ Deck: _____ Contract Price: **\$127,728**

OWNER NAME AND ADDRESS APPLICANT NAME AND ADDRESS

Name: **HESSEL CHURCH** Name: **JBL SOLAR ENERGY INC.**
 Mailing Address: **5060 HESSEL AVENUE** Mailing Address: **PO BOX 7445**
 City: **SEBASTOPOL** State: **CA** ZIP: **95472** City: **SANTA ROSA** State: **CA** ZIP: **95407**
 Day Ph: **(707) 823-8556** Fax: _____ Day Ph: **(707) 388-2001** Fax: **(707) 237-2512**

CONTRACTOR INFORMATION

Company Name: **JBL SOLAR ENERGY INC.**
 Address: **7911 REDWOOD DRIVE, STE. 201**
 City: **COTATI** State: **CA** ZIP: **94931**
 Day Ph: **(707) 388-2001** Fax: **(707) 237-2512**

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Name: _____
 Address: _____
 City: _____ State: _____ ZIP: _____
 Day Ph: _____ Fax: _____
 License No: _____ Exp. Date: _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
☐ I have and will maintain a certificate of consent to self-insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
☒ I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier: **STATE COMPENSATION INSUR. FUND**
 Policy No: **9103811**

(This section need not be completed if the permit is for one hundred dollars (\$100) or less).
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Exp. Date: **6/24/17** Applicant: **Samuel Arshel**

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).):

- ☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).
- ☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
- ☐ I am exempt under Sec. _____, B & P.C. for this reason _____

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following website: <http://www.leginfo.ca.gov/calaw.html>.

Date: _____ Signature of Property Owner or Authorized Agent: _____

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Lic. Class: **C-46** Lic. No.: **981865**

Exp. Date: **3/31/17** Contractor: **Samuel Arshel**

ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 81 of Title 40 of the Code of Federal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that (☐ does) (☐ does not) contain asbestos, or that ☐ no demolition is authorized by this permit.

I certify that I have read this application and affirm under penalty of perjury that the above information is correct. I agree to comply with all local Ordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's Compensation provision of the Labor Code I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked.

PERMITTEE SIGNATURE: **Samuel Arshel**
7911 REDWOOD DR, STE 201 COTATI 94931
 ADDRESS CITY ZIP

☒ Contractor ☐ Owner ☐ Other Licensed Professional

THIS PERMIT SHALL EXPIRE IN THREE(3) YEARS FROM DATE FEES ARE PAID UNLESS OTHERWISE NOTED BY CODE ENFORCEMENT

CONSTRUCTION LENDING DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec. 3097, Ch. C.).

Lenders Name: _____
 Lenders Address: _____

FOR DEPARTMENT USE

Zoning: **AR 16-18** Existing Use/Structures: **Residential** Proposed Use/Structures: **Residential - Solar**
 Zoning Min. Yard Requirements: From _____ To _____
 NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated. ☐ Mitigation Required ☐ Address subject to change
 Approval for Permit Issuance: _____ Approval for Occupancy: _____

By: _____ Date: **6-24-16**
 Conditions: _____

Sewer Connection: ☐ Available ☐ Fees Paid
 Approved by: _____ Date: _____

Road Encroachment: ☐ Fees Paid
 Approved by: _____ Date: _____

Septic System Permit/Clearance # _____
 Approved by: _____ Date: _____

Flood Zone: ☐ Yes ☐ No 100 Year Flood Elevation: _____
 Site Review: _____

Drainage Review: _____
 Approved by: _____ Date: _____

Fire: _____
 Approved by: _____ Date: _____

Code Enforcement Violation ☐ Yes ☐ No Violation # _____
 This permit is limited to _____ days.

Work Authorized: **ROOF MOUNT PV SYSTEM**

01/29/2009
☒ No Plans Subject to Field Inspection
☐ Post FIRM ☐ Alquist Priolo Report Available
☐ Pre FIRM ☐ Geotechnical report Available
 Plancheck Cleared By: **JS** Date: **6/24/16** Type of Construction: **JB** Occupancy: **A3** No. of Stories: _____ No. of Rectangles: _____
 Permit Cleared for Issuance By: **JS** Date: **6/24/16** Auto. Fire Sprinklers Req'd: _____ No. of Units: _____ Certificate of Occupancy: _____
 Filing Stamp: **RECEIVED**
 \$ _____
 JUN 28 2016
 PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
 COUNTY OF SONOMA

Distribution: White - File Canary - Applicant Blue - Assessor Cardstock - Inspector

JOB ADDRESS: **5060 Hessel Ave**

PERMIT NUMBER: **30016-3247**

INSPECTION AREA: **7**

131) SPECIAL INSPECTION REQUIRED		☐ YES	☐ NO	IF YES, SEE ADDITIONAL SHEET	
INSPECTION RECORD		DATE	NAME	REMARKS	
101)	ROUGH GRADING				
103)	FOUNDATION				
	FORMS/SETBACK				
	FOOTING				
	WALLS				
106)	UFER GROUND #				
104)	CAISSONS/PIERS				
105)	SLAB				
107)	UNDERGROUND UTILITIES	7/14/16	MB		
110)	MASONRY				
109)	RETAINING WALLS				
113)	FIREPLACE				
	FOOTING				
	HEARTH/PROTECTION				
	THROAT				
114)	CHIMNEY				
120)	UNDERFLOOR/UNDERSLAB				
115)	HYDRONICS				
116)	U/F ELECTRICAL				
117)	U/F MECHANICAL				
118)	U/F PLUMBING				
119)	U/F FRAMING				
139)	U/F INSULATION				
126)	SHEAR WALLS				
☐ INTERIOR		☐ EXTERIOR			
127)	DIAPHRAGMS				
☐ ROOF		☐ FLOOR			
134)	SIDING/SHEATHING				
125)	HOLD DOWNS				
132)	CLOSE-IN				
122)	ROUGH ELECTRICAL				
123)	ROUGH MECHANICAL				
124)	ROUGH PLUMBING				
128)	ROUGH FRAME				
160)	SMOKE DETECTORS				
139)	INSULATION				
142)	WALLBOARD				
143)	FIREWALLS				
135)	STUCCO/PLASTER				
☐ LATH		☐ SCRATCH			
137)	ROOFING				
130)	TUB/SHOWER PAN				
162)	FIRE DAMPERS/DOORS				
164)	SUSPENDED CEILING				
☐ ROUGH ELEC.		☐ ROUGH MECH.			
165)	EXITING - RAMPS/STAIRS				
163)	HANDRAILS/GUARDRAILS				
	CORRIDORS/DOORS				
166)	ACCESSIBILITY COMPLIANCE				
144)	WATER TANKS				
☐ SLAB		☐ WALLS			
170)	TEMPORARY OCCUPANCY			650) SUSMP INSPECTION	
171)	TEMPORARY ELECTRICAL			651) NPDES EROSION COMPLIANCE	
172)	TEMPORARY GAS			652) NPDES SEDIMENT COMPLIANCE	
174)	ELECTRIC METER AUTHORIZATION			653) NPDES DOCS/SWPPP	
152)	PANEL BOARDS/SERVICE			FIRE INSPECTION REQUIRED	
189)	SEPTIC ELECTRIC FINAL			☐ Yes ☐ No	
175)	GAS METER AUTHORIZATION			759) KNOX BOX	
153)	GAS PRESSURE TEST			760) PROPANE TANK HOLD DOWNS	
	HOUSE			770) SPRINKLER FINAL	
	YARD			771) ABOVEGROUND HYDROSTATIC	
190)	MANUF. HOME FOUNDATION			772) UNDERGROUND HYDROSTATIC	
191)	MANUF. HOME INSTALLATION			773) UNDERGROUND FLUSH	
	CONTINUITY			774) THRUST BLOCKS	
	STAIRS/SKIRTS			775) PIPE WELD	
	RIDGE BOLTING			776) HYDRANTS/APPLIANCES	
193)	MANUF. HOME COND. FINAL			777) PUMP ACCEPTANCE	
	SWIMMING POOLS			778) WATER SUPPLY/TANK	
194)	PRE-GUNITE			779) ALARM SYSTEM	
195)	PRE-DECK			780) HOOD & DUCT SYSTEM	
196)	PRE-PLASTER/FENCE			781) ABOVEGROUND TANK/DISPENSER	
197)	VINYL/FIBERGLASS POOL EXCAVATION			198) FIRE FINAL	
102)	GRADING FINAL			CLEARANCES:	
176)	ELECTRICAL FINAL	8/19/16	RA	FIRE ☐ Local ☐ County	
177)	MECHANICAL FINAL			HEALTH DEPARTMENT	
178)	PLUMBING FINAL			ZONING	
199)	FINAL	8/19/16	RA	SANITATION	
OCCUPANCY (OK TO OCCUPY)				PLAN RETENTION REQUIRED?	
				☐ Yes ☐ No	

Smoke/CO Alarm Self Verification Form

CNI-037

Building Permit # BLD 16-3247

Dear Property Owner:

The California Residential Code (CRC) requires carbon monoxide alarms (CO alarms) in dwellings as well as smoke alarms when building permits are issued and the scope of work exceeds a total cost or calculated valuation of \$1,000. In order to grant a final approval on your permit, it is necessary to verify the installation of these alarms within your dwelling. This form provides the ability to self-verify to PRMD when work done does not allow convenient access to the interior of the dwelling (e.g., re-roof or other exterior work).

As of January 1, 2014, all new and replacement battery operated smoke alarms must be equipped with a non-replaceable, non-removable battery capable of powering the alarm for 10 years. All existing smoke alarms shall be replaced after 10 years from the date of manufacture or if the date of manufacture cannot be determined.

By signing this document, the property owner certifies to PRMD that both smoke alarms and CO alarms have been installed on the above referenced project as specified below:

Smoke alarms are installed in accordance with the approved manufacturer's instructions in all of the following areas:

- a. Each sleeping unit
- b. In hallways of areas giving access to the sleeping units
- c. On each floor, if a multi-story
- d. In the basement, if a basement exists

Carbon Monoxide alarms are installed in accordance with the approved manufacturer's instructions in all of the following areas where fossil fuel burning appliances are installed, including fireplaces:

- a. Outside each sleeping unit
- b. On every floor level of dwelling unit, including basements, outside each sleeping unit

Please fill in the permit number above and the requested information below and return the form by mail to the Sonoma County Permit and Resource Management Department, Building & Safety Division, 2550 Ventura Avenue, Santa Rosa, CA 95403. Alternatively, this form may be submitted to the building inspector at the time the final inspection is performed.

HESEL CHURCH

Property Owner's Name


Signature

8/19/16
Date

5060 HESSEL AVENUE, SEBASTOPOL, CA 95472
Project Address

Inspector

Sonoma County Permit and Resource Management Department
2550 Ventura Avenue, Santa Rosa, CA 95403-2829 (707) 565-1900 Fax (707) 565-1972

REQUEST FOR PERMIT

SCOPE OF WORK: ROOF MOUNTED PHOTOVOLTAIC SYSTEM,
FLUSH MOUNT @ 18° ON COMP SHINGLE AND A TILTED SYSTEM IN
(2) LOCATIONS ON FLAT ROOF. INSTALLATION
OF (2) SOLECTRIA 23kW INVERTERS WALL MOUNTED AND
TIED TO CHURCH'S ELECTRICAL SYSTEM WITH A LINE SIDE TAP.

SYSTEM SIZE: 50.82 kW (DC STC)
PROJECT ADDRESS: 5060 HESSEL AVE. SEBASTOPOL 95472
JURISDICTION: PRMD SONOMA COUNTY

★ APPROVED
—AS NOTED—

PERMIT NO. 2006-3247
APPROVED BY 6/24/16

PERMIT AND RESOURCE MANAGEMENT
DEPARTMENT

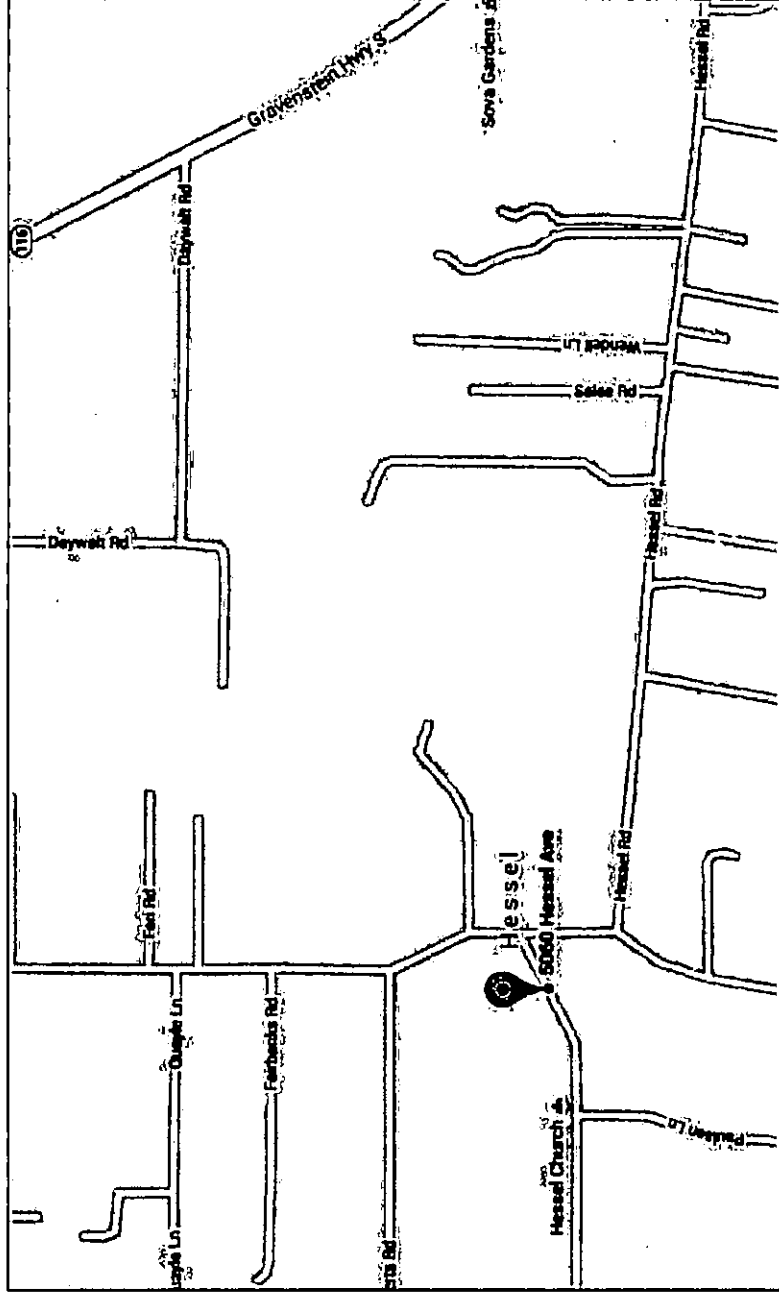
APPROVED JOB COPY OF PLANS AND JOB CARDS TO BE
ON JOB SITE.

BUILDER SHALL NOT DEVIATE FROM THE APPROVED
PLANS. REQUESTS FOR CHANGES SHALL BE MADE IN
WRITING TO THE PERMIT AND RESOURCE
MANAGEMENT DEPARTMENT. CHANGES MADE
WITHOUT PRIOR APPROVAL SHALL BE SUBJECT TO
REJECTION OF THE WORK.

APPROVAL OF THESE PLANS IS SUBJECT TO, AND DOES
NOT AUTHORIZE DEVIATION FROM, COMPLETE
COMPLIANCE WITH CODE REQUIREMENTS, SPECIAL
INSPECTIONS WHEN REQUIRED AND FIELD INSPECTION.

PLEASE READ ALL PERTINENT SECTIONS OF
APPLICABLE CODES.

VICINITY MAP



BUILDING PLAN CHECK

★ APPROVED ★

JUN 24 2016
CAN

PERMIT AND RESOURCE
MANAGEMENT DEPARTMENT

SHEET NUMBER	SHEET TITLE
PV-00	COVER PAGE
PV-01	SITE PLAN
PV-02	SITE PLAN DETAIL
S-01	LAYOUT ROOF 1
S-02	STRUCTURAL PROPERTIES
S-03	STRUCTURAL CROSS SECTIONS
S-04	MOUNTING DETAIL PITCHED
S-05	MOUNTING DETAIL TILTED
E-01	ELECTRICAL NOTES
E-02	ELECTRICAL DETAIL
E-03	SIGNAGE

JBL SOLAR ENERGY

PO BOX 7445
SANTA ROSA, CA. 95407
PHONE: 707-490-8468
LIC: CSLB 981865 C46

PROJECT: PHOTOVOLTAIC SYSTEM
HESSEL CHURCH
5060 HESSEL AVE.
SEBASTOPOL, CA. 95472

DATE:
05/31/2016

REVISION:

DESIGNED:
JPM

DRAWN:
JPM

SPELLCHECK:
SP

SCALE:
NTS

SHEET

PV00 COVER



PO BOX 7445

GENERAL NOTES

INSTALLATIONS OF SOLAR AND ELECTRICAL EQUIPMENT SHALL CONFORM WITH THE NEC 2011 SPECIFICALLY ARTICLE 690. AS SUBJECT TO THE PERMITTING AND INSPECTION OF THE LOCAL JURISDICTIONAL AUTHORITY. ALL WORK SHALL COMPLY WITH CBC 2015.

KEY:

PROPERTY LINE
CONDUIT RUN
DRIVEWAY
SOLAR MODULE
MAIN SERVICE
METER

☐ INVERTER
☒ SUBPANEL
☒ DC DISCONNECT
☒ AC DISCONNECT
☒ JUNCTION BOX
☒ MONITORING UNIT
☒ LOAD CENTER
☐ ROOF
CONSTRUCTION

-111- SIGNATURE

DEFINITION

9.02 4016

—SOURCE—

~~SECRET~~

BUILDING
COUNTY OF SONOMA PRMD

2550 VENTIIRA AVENUE

CONFIDENTIAL

SANIA RUSA, (	
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SYSTEM OWNER

HESSEL CHURCH

5060 HESSEL AVENUE

--	--

SEBASTOPOL, CA 95472

1000

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HESSEL_CHUF

IPM

6/21/2016	
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50805	MA1805
0707476	

/01-SITE DI AN

2013-12 PLAN

GNON

APPROVAL

WORK INDICATED ON THESE DRAWINGS IS APPROVED ON THE BASIS THAT ALL WORK WILL COMPLY WITH THE REQUIREMENTS OF THE COUNTY OF SONOMA, WHETHER SHOWN ON THESE DRAWINGS OR NOT.

COMMIT AND RESOURCE
MENT DEPARTMENT

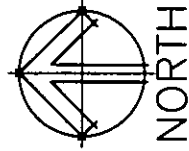
PROPERTY
LINE

6-24-16
Circuit.

HESSEL ROAD

HESSEL AVENUE

HESSEL AVENUE



SITE PLAN

SCALE: 1/128" = 1'-0"

ARRAY #	PITCH	AZIMUTH	DETAILED ON PAGE	APN
1	18°	255°	501-LAYOUT DETAIL	062-113-033



SANTA ROSA, CA. 95407

LIC# CSLB 981865 C46

INSTALLATIONS OF SOLAR AND ELECTRICAL EQUIPMENT SHALL CONFORM WITH THE NEC 2011 SPECIFICALLY ARTICLE 690. AS SUBJECT TO THE PERMITTING AND INSPECTION OF THE LOCAL JURISDICTIONAL AUTHORITY, ALL WORK SHALL COMPLY WITH CBC 2015.

PROPERTY LINE	☒ 1	INVERTER
CONDUIT RUN	☒ 2a	SUBPANEL
DRIVEWAY	☒ 2c	DC DISCONNECT
SOLAR MODULE	☒ 4c	AC DISCONNECT
MAIN SERVICE	☒ 5	JUNCTION BOX
METER	☒ 12	MONITORING UNIT
	☒ 12c	LOAD CENTER
	☐	ROOF
		OBSTRUCTION

BUILDING PLAN APPROVED

~~URGENT SOURCE~~

PROBING MEN COUNTY OF SONOMA PRMD
A A REPOGATE

ADDRESS
SANTA ROSA, CA. 95403

PHONE	707-565-1900
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SYSTEM OWNER

NAME	HESSEL CHURCH
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5060 HESSEL AVENUE

SEBASTOPOL, CA. 95472

PHONE

PROJECT NAME	HESEL_CHURCH
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DESIGNER	JPM
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DATE	6/21/2016
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DC SIZE	50.8kW
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PV01-SITE PLAN DETAIL



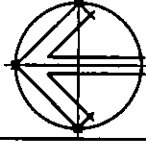
(2) SOLECTRIA 23kW INVERTERS
NOTE: Manufacturer requires min. 20" between any 2 of their inverters.

**UNDERGROUND
CONDUIT**

ARRAY 3
TILTED

ARRAY
TILTED

ARRAY 2
FLUSH ON
PITCHED ROOF



NORTH

SITE PLAN

SCALE: 3/32" = 1'-0"



LIC# CSLB 981865 C46

INSTALLATIONS OF SOLAR AND ELECTRICAL EQUIPMENT SHALL CONFORM WITH THE NEC 2011 SPECIFICALLY ARTICLE 680. AS SUBJECT TO THE PERMITTING AND INSPECTION OF THE LOCAL JURISDICTIONAL AUTHORITY. ALL WORK SHALL COMPLY WITH CBC 2015.

PROPERTY LINE	INVERTER
CONDUIT RUN	SUBPANEL
DRIVEWAY	DC DISCONNECT
SOLAR MODULE	AC DISCONNECT
MAIN SERVICE	JUNCTION BOX
METER	MONITORING UNIT
	LOAD CENTER

10

APPROVED

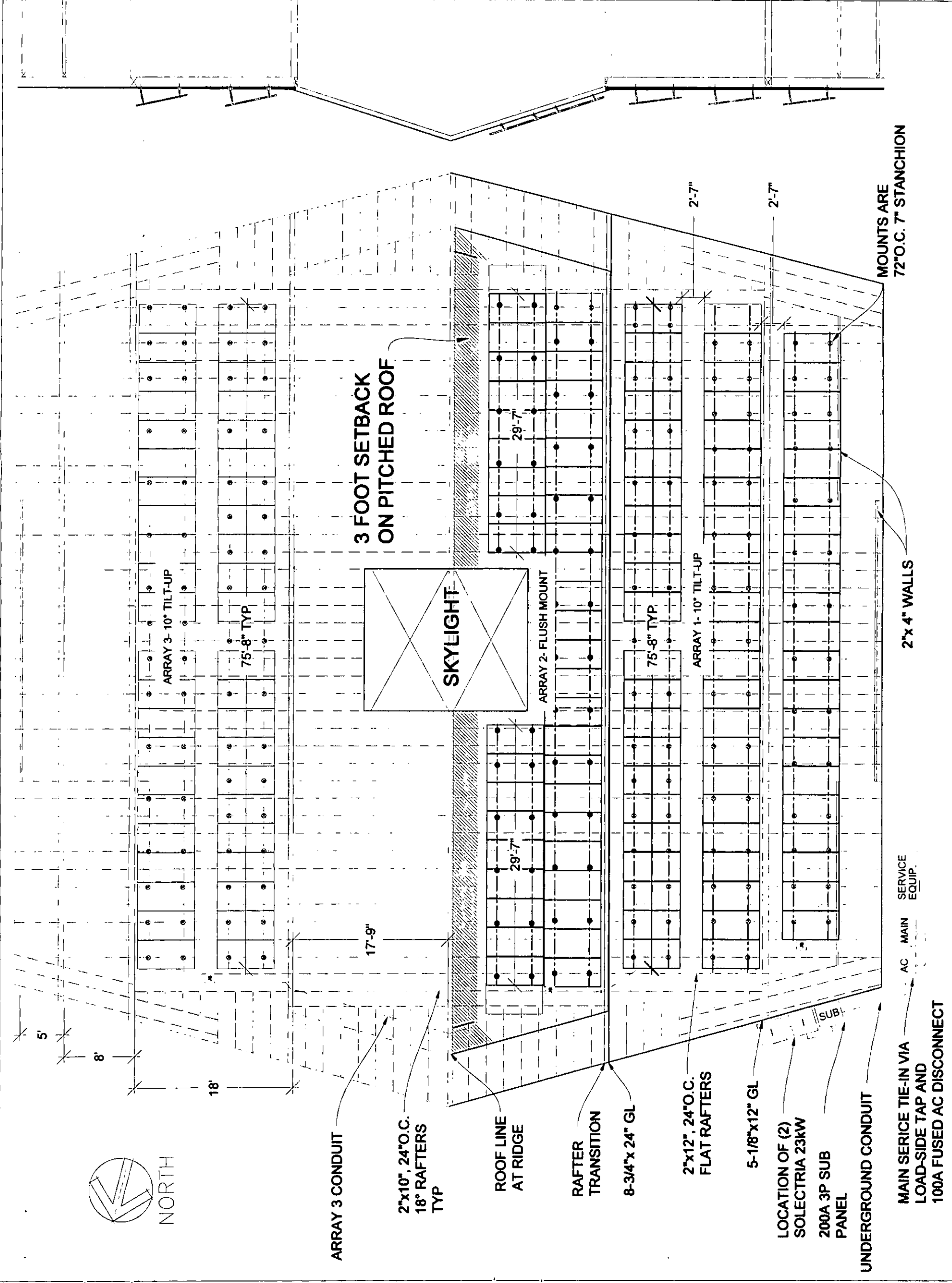
JUN 24 2016

PERMIT AND RESOURCE
DEPARTMENT

SYSTEM OWNER

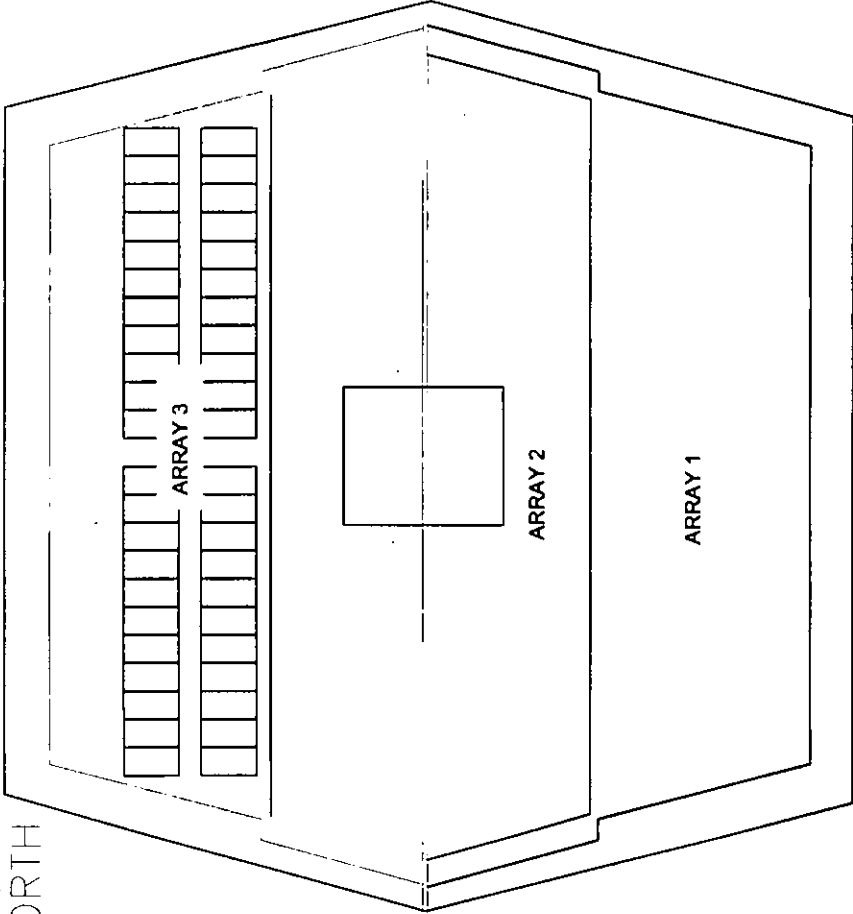
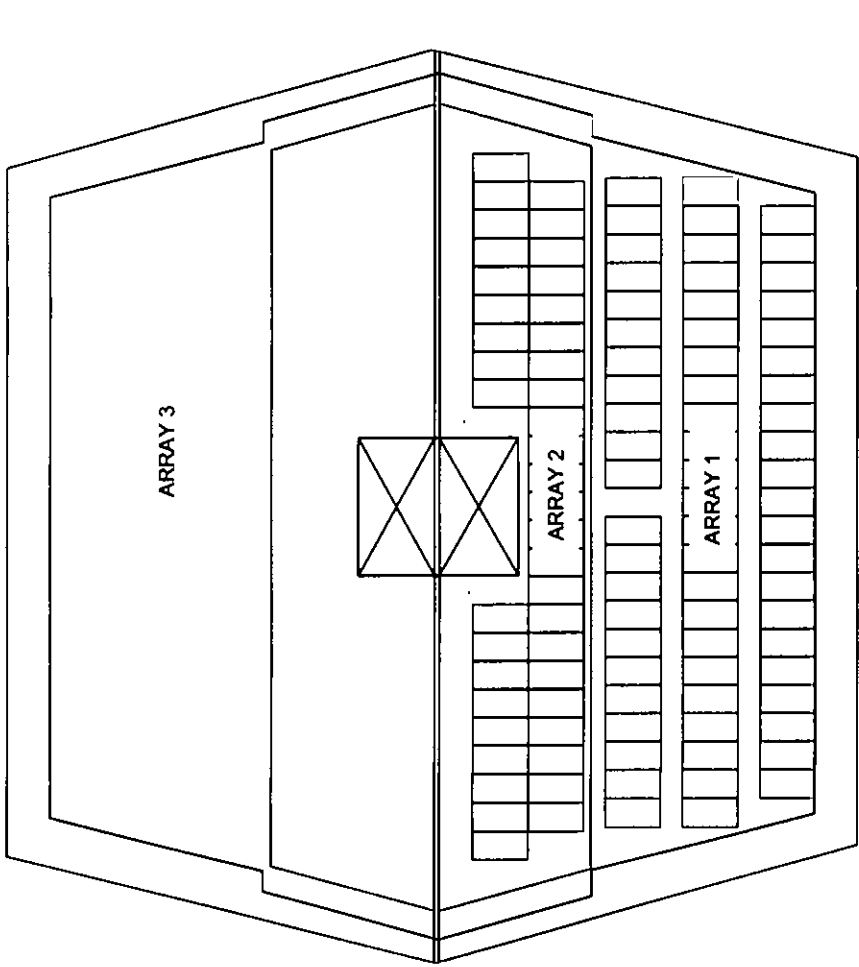
DC SIZE	50.8kW
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S1-ARRAY LAYOUT



SCALE: 3/32"=1'-0"

—



ARRAY 2 (Pitched roof)			
Module	Sunvia Optimus OPT330 WATTS		
Number of Modules	42	Modules	
Module Weight	50.5	Lbs	
Module Area	19.5	Sq. Ft.	
Module Weight	2121.0	Lbs	
Racking Weight	0.4	Lbs/Sq.Ft.	
Array Deadload	2.9	Lbs/Sq.Ft.	
Number of Mounts	52	Mounts	
Ave. Point Loading	47.0	Lbs	

ARRAY 1 (Tilted)			
Module	Sunvia Optimus OPT330 WATTS		
Number of Modules	66	Modules	
Module Weight	50.5	Lbs	
Module Area	19.5	Sq. Ft.	
Module Weight	3333.0	Lbs	
Racking Weight	0.6	Lbs/Sq.Ft.	
Array Deadload	3.2	Lbs/Sq.Ft.	
Number of Mounts	86	Mounts	
Ave. Point Loading	47.7	Lbs	

ARRAY 3 (Tilted)			
Module	Sunvia Optimus OPT330 WATTS		
Number of Modules	46	Modules	
Module Weight	50.5	Lbs	
Module Area	19.5	Sq. Ft.	
Module Weight	2323.0	Lbs	
Racking Weight	0.6	Lbs/Sq.Ft.	
Array Deadload	2.4	Lbs/Sq.Ft.	
Number of Mounts	66	Mounts	
Ave. Point Loading	46.8	Lbs	



PO BOX 7445
SANTA ROSA, CA. 95407
707-490-8468
LIC# CSLB 981865 C46

GENERAL NOTES

INSTALLATIONS OF SOLAR AND ELECTRICAL EQUIPMENT SHALL CONFORM WITH THE NEC 2011 SPECIFICALLY ARTICLE 690. AS SUBJECT TO THE PERMITTING AND INSPECTION OF THE LOCAL JURISDICTIONAL AUTHORITY. ALL WORK SHALL COMPLY WITH CBC 2015.

KEY:

PROPERTY LINE

CONDUIT RUN

DRIVEWAY

☐ SOLAR MODULE

☐ MAIN SERVICE

☐ METER

INVERTER

SUBPANEL

DC DISCONNECT

AC DISCONNECT

JUNCTION BOX

MONITORING UNIT

LOAD CENTER

ROOF CONSTRUCTION

BUILDING PLAN CHECKED

APPROVED

JUN 24 2016

PERMIT AND RESOURCE

BUILDING DEPARTMENT

PERMIT

COUNTY OF SONOMA PRMD

ADDRESS	2550 VENTURA AVENUE
PHONE	707-565-1900
SYSTEM OWNER	
NAME	HESSEL CHURCH
ADDRESS	5060 HESSEL AVENUE
PHONE	SEBASTOPOL, CA. 95472
PROJECT NAME	HESSEL_CHURCH
DESIGNER	JPM
DATE	6/21/2016
DC SIZE	50.8KW
S2-STRUCTURAL PROPERTIES	