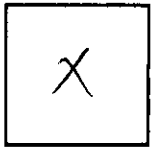




Type



Plans

BLD12-2051

Permit Number

2335

Street Number

Willow Creek Rd

Street Name

JEN

Community Code

097-210-006

APN

COUNTY OF SONOMA
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
2550 VENTURA AVENUE, SANTA ROSA, CA 95403-2829
(707) 565-1900 FAX (707) 565-1103

Building Plan Check Invoice : BLD12-2651
This is not a Building Permit**

Project Address: 2335 WILLOW CREEK RD JEN
Cross Street:
Fire District: MONTE RIO FPD
APN: 097-210-006

Status: **PREFINAL**
Printed: Monday, July 09, 2012
Initialized by: CCAMILLE
Activity Type: B-BLD 1201

Description: SOLAR 9.6KW GROUND MOUNT 200AMP SUB-PANEL & 20KW

Res/Com: R
Std/Quick: Q
Fire District: MONTE RIO FPD
P/C Multiplier: 1

Insp Area: 07
Site Review File #:
Site Review Fees Paid: \$147.00

Owner: MATTHEWS GORDON PAUL TR ET AL
301 MAIN ST UNIT 34B
SAN FRANCISCO CA 94105-5051

Applicant: SYNERGY SOLAR & ELECTRICAL SYSTEMS INC
708 GRAVENSTEIN HIGHWAY N STE 134
SEBASTOPOL CA 95472
707 823 8003

Valuation:

Occupancy	Type	Factor	Sq Feet	Valuation
	Totals...			\$0.00*

Fees:

Item#	Description	Account Code	Tot Fee	Prev. Pmts	Cur. Pmts
60	BLDG PERM PLAN CHECK FEE	025015-1341	74.00	74.00	.00
100	SITE REVIEW/ELEV CERT	025015-1341	147.00	147.00	.00
122	ELECTRICAL FEE	025015-1341	140.71	140.71	.00
126	PV SYSTEM - GROUND MOUNT	025015-1341	959.00	959.00	.00
132	BUILDING PERMIT FEE	025015-1341	74.00	74.00	.00
140	TECH ENHANCEMENT FEE	025015-4040	48.00	48.00	.00
145	PLAN ADMIN FEE	025700-3162	11.10	11.10	.00
366	CLEARANCE OFFICE REVIEW	025015-1342	96.00	96.00	.00
1165	ZONING PERMITS W/O D.R.	025015-3829	143.00	143.00	.00

\$1,692.81 \$1,692.81

**These fees cover the cost of reviewing your plans prior to permit issuance.

Total Fees: \$1,692.81

When your plans are approved, and BEFORE a building permit can be issued, payment of building permit fees is required.

Total Paid: \$1,692.81

Balance Due: \$0.00

"Refunds of fees paid may be made pursuant to Section 108.6 of Appendix 1 of the California Building Code and adopted model codes, subject to the following: 1) 100% of a fee erroneously paid or collected. 2) 90% of the plan review fee when an application for a permit is withdrawn or canceled or expires or becomes void before any plan review effort has been expended. No portion of the plan review fee shall be refunded when any plan review effort has been expended. 3) 90% of the building, plumbing, electrical, and/or mechanical fee may be refunded when a permit is withdrawn, or cancelled or expires or becomes void before any work was done and before any inspections are performed. No portion of these fees shall be refunded when any work was done and/or any inspections have been performed. 4) Application for refund must be made within one year of the date the fee is paid."

When validated below, this is your receipt.
Plan Check EXPIRES 365 days from date plan check fees are paid.

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: Charl Mathias

Date
Applied: 6/19/12

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 2335 Willow Creek Rd. City: Sanner ZIP: 95450
Cross-Street: OFF. 210.006 Project Phone #: (707) 480-0233 Project Fax #: ()
Directions: OFF. 210.006 Email address: 3294@synsolar.com Unit #: () Lot #: ()
Describe Project: Install a 9.6 kw DC-rated photovoltaic ground mount solar system. will also install a 200 amp sub-panel and generator. 80KW
Living Area: () Contract Price: ()
Garage: ()
Decks: ()

OWNER NAME AND ADDRESS

Name: Gordon Matthews
Mailing Address: 301 Main St. Unit 34B
City: San Francisco State: CA ZIP: 94105
Day Ph: (415) 601-1863 Fax: ()

APPLICANT NAME AND ADDRESS

Name: Sander
Mailing Address: as contractor
City: () State: () ZIP: ()
Day Ph: () Fax: ()

CONTRACTOR INFORMATION

Company Name: Synergy Solar & Electrical Systems Inc.
Address: 708 Grawenstien Hwy N #134
City: Sebastopol State: CA ZIP: 95472
Day Ph: (707) 823-8003 Fax: (707) 823-1233

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 Fund
Policy No.: 713-027346-07
(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: 7/1/13 Applicant: (Signature)

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, Civ. C.).
Lenders Name: ()
Lenders Address: ()

FOR DEPARTMENT USE

Zoning: TPCCLB/60/640 File No.: () Acres: ()
Existing Use/Structures: SFO Garage
Proposed Use/Structures: Photo Voltaic
Zoning Min. Yard Requirements: Front 35 Left () Right 50 Back 50
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: 7/9/12
Conditions: ()

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 Contractors 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 Contractors 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 Contractors 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: (Signature)

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-10 Lic. No.: 913951
Exp. Date: 4/30/14 Contractor: Synergy Solar & Elec.

ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 61 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: (Signature)
ADDRESS: 708 Grawenstien Hwy N #134, Seb. CA 95472 CITY: () ZIP: ()
☒ Contractor ☐ Owner ☐ Other Licensed Professional

Sewer Connection: ☐ Available ☐ Fees Paid
Approved by: () Date: ()
Road Encroachment: ☐ Fees Paid
Approved by: () Date: ()
Septic System Permit/Clearance #: SEP11-0394
Approved by: (Signature) Date: 6-20-12
Flood Zone: ☒ Yes ☐ No 100 Year Flood Elevation: ()
Site Review
Drainage Review: C. D. Garcia N/R Date: 06/20/2012
Approved by: () Date: ()
Fire:
Approved by: () Date: ()
Code Enforcement Violation ☐ Yes ☒ No Violation #: ()
This permit is limited to () days.

Work Authorized: ground mounted PV system w/generator

<input checked="" type="checkbox"/> Plans Approved	<input type="checkbox"/> No Plans Subject to Field Inspection	<input type="checkbox"/> Post FIRM	<input type="checkbox"/> Alquist Priolo Report Available
<input type="checkbox"/> Pre FIRM	<input type="checkbox"/> Geotechnical report Available		
Planned/Cleared By: <u>(Signature)</u>	Date: <u>7/1/12</u>	Type of Construction: <u>VB</u>	Occupancy: <u>U</u>
Permit Issued For: <u>()</u>	Date: <u>7/9/12</u>	Auto. Fire Sprinklers Req'd: <u>()</u>	No. of Units: <u>()</u>
Certificate of Occupancy: <u>()</u>			
<p>PAYMENT RECEIPT</p> <p>\$ <u>()</u> Machine Space for Permit Fee</p> <p>JUL - 9 2012</p> <p>PERMIT AND RESOURCE MANAGEMENT DEPARTMENT COUNTY OF SONOMA</p>			

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

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

JOB ADDRESS:

2335 Willow Creek Rd

PERMIT NUMBER:

Bu012-2659

INSPECTION AREA:

7

131) SPECIAL INSPECTION REQUIRED		<input type="checkbox"/> YES	<input type="checkbox"/> NO	IF YES, SEE ADDITIONAL SHEET	
INSPECTION RECORD		DATE	NAME	REMARKS	
101) ROUGH GRADING				ground mount solar (2) sets 20kw generator 200amp Sub panel + trenching	
103) FOUNDATION					
FORMS/SETBACK					
FOOTING					
WALLS					
106) UFER GROUND #					
104) CAISSONS/PIERS					
105) SLAB					
107) UNDERGROUND UTILITIES	7-23-12	RP			
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					
<input type="checkbox"/> INTERIOR	<input type="checkbox"/> EXTERIOR				
127) DIAPHRAGMS					
<input type="checkbox"/> ROOF	<input type="checkbox"/> 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					
<input type="checkbox"/> LATH	<input type="checkbox"/> SCRATCH				
137) ROOFING					
130) TUB/SHOWER PAN					
162) FIRE DAMPERS/DOORS					
164) SUSPENDED CEILING					
<input type="checkbox"/> ROUGH ELEC.	<input type="checkbox"/> ROUGH MECH.				
165) EXITING - RAMPS/STAIRS					
163) HANDRAILS/GUARDRAILS					
CORRIDORS/DOORS					
166) ACCESSIBILITY COMPLIANCE				650) SUSMP INSPECTION	
144) WATER TANKS				651) NPDES EROSION COMPLIANCE	
<input type="checkbox"/> SLAB	<input type="checkbox"/> WALLS			652) NPDES SEDIMENT COMPLIANCE	
170) TEMPORARY OCCUPANCY				653) NPDES DOCS/SWPPP	
171) TEMPORARY ELECTRICAL				FIRE INSPECTION REQUIRED	
172) TEMPORARY GAS				<input type="checkbox"/> Yes <input type="checkbox"/> No	
174) ELECTRIC METER AUTHORIZATION	9-5-12			759) KNOX BOX	
152) PANEL BOARDS/SERVICE				760) PROPANE TANK HOLD DOWNS	
189) SEPTIC ELECTRIC FINAL				770) SPRINKLER FINAL	
175) GAS METER AUTHORIZATION				771) ABOVEGROUND HYDROSTATIC	
153) GAS PRESSURE TEST				772) UNDERGROUND HYDROSTATIC	
HOUSE				773) UNDERGROUND FLUSH	
YARD				774) THRUST BLOCKS	
190) MANUF. HOME FOUNDATION				775) PIPE WELD	
191) MANUF. HOME INSTALLATION				776) HYDRANTS/APPLIANCES	
CONTINUITY				777) PUMP ACCEPTANCE	
STAIRS/SKIRTS				778) WATER SUPPLY/TANK	
RIDGE BOLTING				779) ALARM SYSTEM	
193) MANUF. HOME COND. FINAL				780) HOOD & DUCT SYSTEM	
SWIMMING POOLS				781) ABOVEGROUND TANK/DISPENSER	
194) PRE-GUNITE				198) FIRE FINAL	
195) PRE-DECK				CLEARANCES:	
196) PRE-PLASTER/FENCE				FIRE <input type="checkbox"/> Local <input type="checkbox"/> County	
197) VINYL/FIBERGLASS POOL EXCAVATION				HEALTH DEPARTMENT	
102) GRADING FINAL	9-5-12			ZONING	
176) ELECTRICAL FINAL				SANITATION	
177) MECHANICAL FINAL					
178) PLUMBING FINAL	9-5-12				
199) FINAL					
OCCUPANCY (OK TO OCCUPY)				PLAN RETENTION REQUIRED?	
				<input type="checkbox"/> Yes <input type="checkbox"/> No	

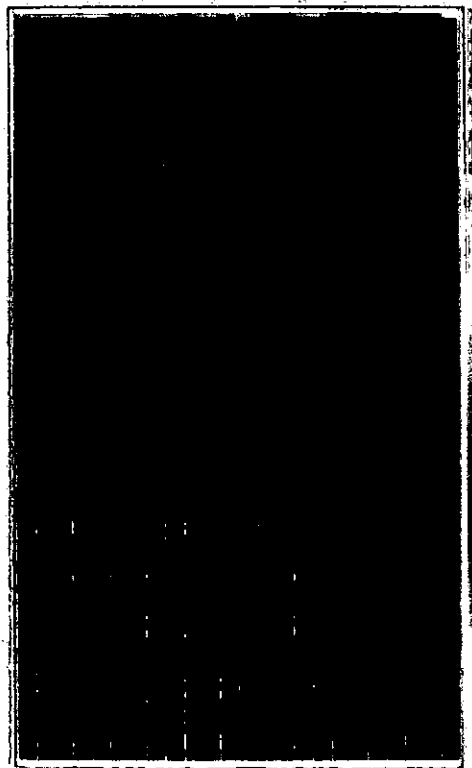
SHARP.

solar electricity

240 WATT

MULTI-PURPOSE MODULE

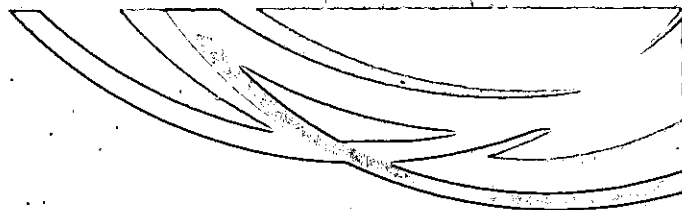
NEC 2008 Compliant



ND-240QCJ

MULTI-PURPOSE 240 WATT
MODULE FROM THE WORLD'S
TRUSTED SOURCE FOR SOLAR.

Using breakthrough technology, made possible by nearly 50 years of proprietary research and development, Sharp's ND-240QCJ solar module incorporates an advanced surface texturing process to increase light absorption and improve efficiency. Common applications include commercial and residential grid-tied roof systems as well as ground mounted arrays. Designed to withstand rigorous operating conditions, this module offers high power output per square foot of solar array.



Business leaders install this module in large commercial applications, demonstrating financial astuteness and environmental stewardship.

ENGINEERING EXCELLENCE

High module efficiency for an outstanding balance of size and weight to power and performance.

DURABLE

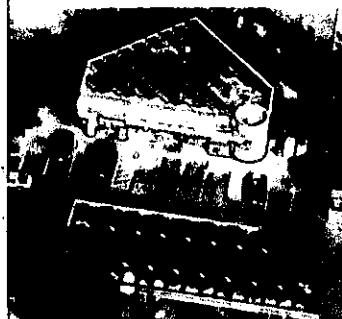
Tempered glass, EVA lamination and weatherproof backskin provide long-life and enhanced cell performance.

RELIABLE

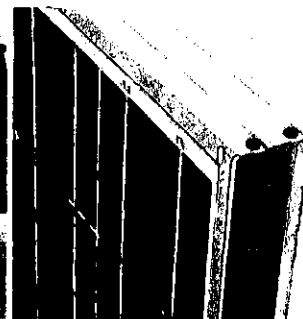
25-year limited warranty on power output.

HIGH PERFORMANCE

This module uses an advanced surface texturing process to increase light absorption and improve efficiency.



Sharp multi-purpose modules offer industry-leading performance for a variety of applications



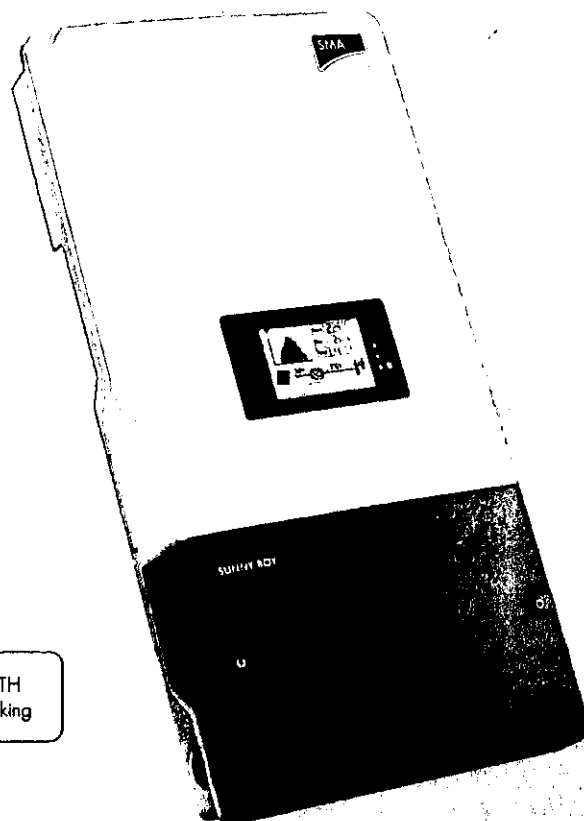
Improved Frame Technology

SHARP: THE NAME TO TRUST

The Sharp ND-240QCJ module is covered by Sharp's 10 year materials or workmanship warranty. When you choose Sharp, you get more than well-engineered products. You also get Sharp's proven reliability, outstanding customer service and the assurance of our 25-year limited warranty on power output. A global leader in solar electricity, Sharp powers more homes and businesses than any other solar manufacturer worldwide.



SUNNY BOY 2000HF-US / 2500HF-US / 3000HF-US



SMA BLUETOOTH
Intelligent Networking

High Yields

- Maximum efficiency 97.3%
- The best tracking efficiency with OptiTrac™ MPP tracking
- OptiCool™ active temperature management

Safe

- Galvanic isolation
- Integrated DC switch-disconnect

User-friendly

- Slim enclosure mounts in between wall studs
- Plug-in grounding with GFDI
- Reduced weight
- Quick and easy configuration thanks to Quick Module

Informative

- Modern graphic display
- Bluetooth® technology

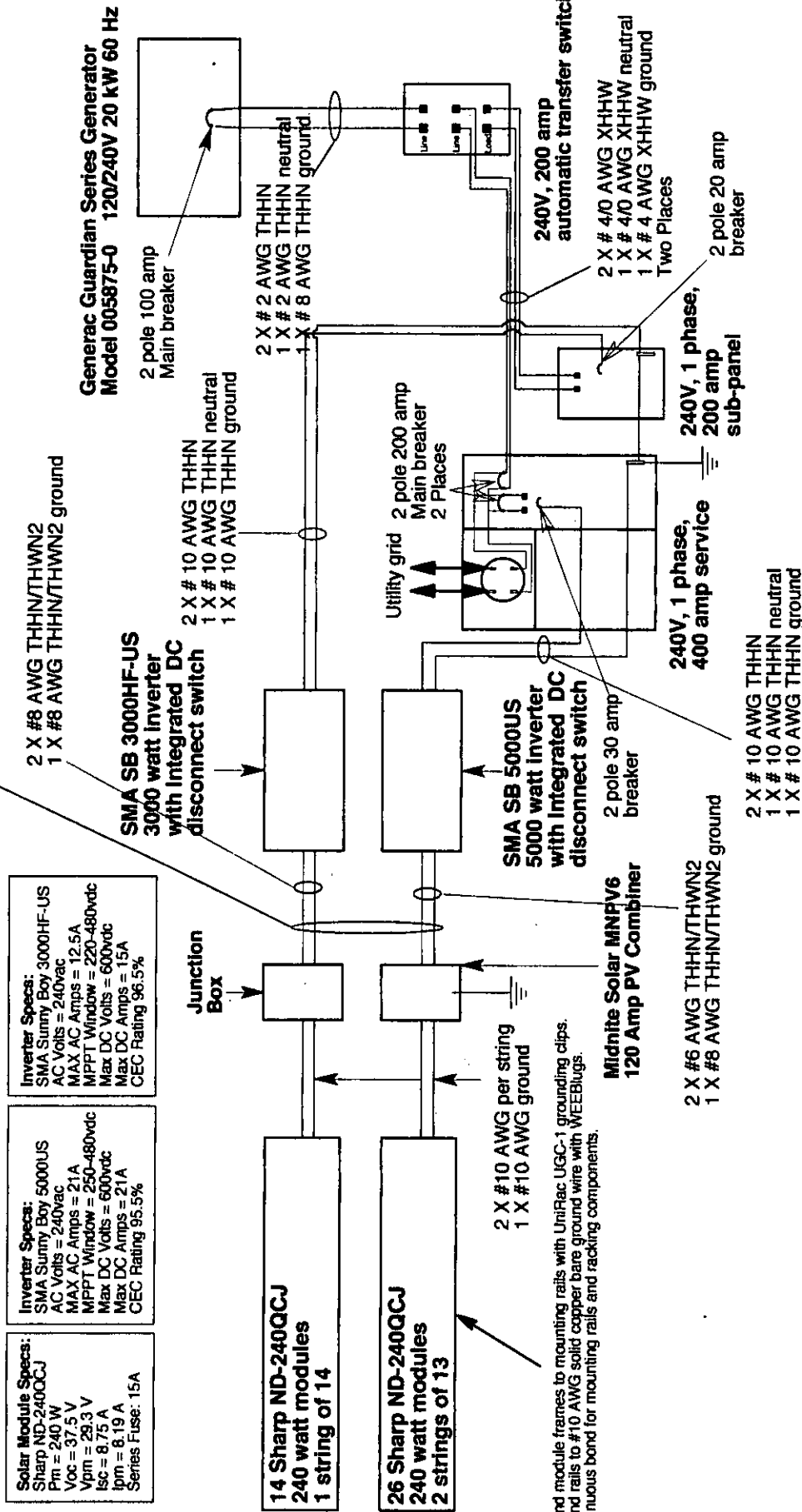
SUNNY BOY 2000HF-US / 2500HF-US / 3000HF-US

Easy installation, simple communication and maximum performance

The new Sunny Boy high frequency inverters are designed for projects requiring UL certification and represent the next step in innovative SMA technology. Featuring world-class efficiency, a slim-line enclosure and reduced weight, the Sunny Boy HF series of inverters can be mounted in between wall studs, making it perfect for new construction or space-constrained retrofits. Installation is made simple by automatic grid detection*, field configuration for positive ground modules and a wide input voltage range of 175 to 600 V, which provides exceptional system design flexibility. The modern graphic display and wireless Bluetooth communication system provides a wealth of data in a user-friendly format.

* US Patent US7352549B1

1 1/2" PVC



BUILDING PLAN CHECK

★ APPROVED ★

AUG 16 2012
C. H. M. Y.

PERMIT AND RESOURCE
MANAGEMENT DEPARTMENT

FILE COPY 2012-2651



License #913951
708 Gravenstein Hwy N. #134
Sebastopol, CA 95472
www.symsolar.com
707-823-8003

**Willow Creek Ranch
2335 Willow Creek Rd.
Jenner, CA. 95450**

**Electrical Single Line Diagram
8.297 kwh (CEC-AC)
Ground Mounted, Grid-Tied PV System
Date: June 18, 2012
By: Michael Pane**