| | |
|--|-------|
| <u>B</u> | |
| Type | Plans |
| | |
| BUDIO - 0794 | |
| Permit Number | |
| | |
| 2074 | |
| Street Number | - |
| Pleasant Hill Rd | |
| Street Name | |
| TWI | |
| Community Code | |
| 07/2-110 - 012 | |

COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT 2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900 FAX (707) 565-1103 Please Print Date Your Name: ord <u> 1997</u> Applied: INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT SITE LOCATION INFORMATION - PRINT CLEARLY City: Se bastopol APO-10-0/Fried (767, 843-6117 Email address: Mathydean Egmail.com Site Address: BY Pleasant Hil ZIP: 95477 Cross-Street Project Fax #; (Describe Project: 5.52 KW DC (oof Mount) Living Area Contract Price Garage Main Panel upgrade OWNER NAME AND ADDRESS APPLICANT NAME AND ADDRESS Pitr (onroy Richard Steele Mailing Address: 2074 Placent Hill Rd. Mailing Address: 706 Benjamins city: Sabastopol ZIP: 95472 city: Santa Rosa State: ZIP: 95409 Day Ph: (407) 727-1265 Day Ph: (707) 484-6299 Fax: (CONTRACTOR INFORMATION OTHER PERSONS (ARCHITECT, ENGINEER, ETC.) Company Name: Richard Steele Construction inc Address: 706 Benknins 2d ZIP: 95409 State: CA city: Santa Rosa City: State Day Ph: (767) 481-6299 Fax: (Day Ph: (WORKER'S COMPENSATION DECLARATION nereby 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 License No Exp. Date: CONSTRUCTION LENDING DECLARATION provided for by Section 3760 of the Labor 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: | Application | Applicatio Thereby affirm u Thereby aftirm under penalty of perjury that there is a construct the work for which this permit is issued. (Sec. 3097, Civ. C.). Carrier Policy No. (This section need not be completed if the permit is for one hundred dollars (\$100) or less). Cartier 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. Applicant: FOR DEPARTMENT USE File No Existing Use/Structures Proposed Use/Structures Zoning Min. Yard Requirements: NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' aetback unless mitigated. Mitigation Required Address subject to change Approval for Permit Issuance: Exp. Date: O-1-O Applicant: 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 3708 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 pursuent 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).): Date: PERMIT NUMBER DO Conditions: Available 🔲 Fees Paid □ 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 🗀 Fees Paid d Encroachment: Approved by: Date Septic System Permit/Clearance# Approved by: Flood Zone: Li Yes 100 Year Flood Elevation: Site Review Drainage Review 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 thi application is submitted or at the following website: http://www.leginfo.ca.gov/calaw.html. Approved by: Approved by: 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. 905097 INSPECTION AREA Lic. Class B, C10 Lic. No. root maritice Exp. Date (031/10 Contractor Richard Steels 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. Alquist Priolo Report Available D Post FIRM 91/29/2009 Geotechnical report Available No. of R 110 R3 VB No of Units

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 for the Worker's Code I should be to such provisions, I will forthwith comply. PERMITTEE SIGNATURE Sinta Rosa CITY

706 Benjarins

□ Owner

Rd

□ Other Licensed Professional

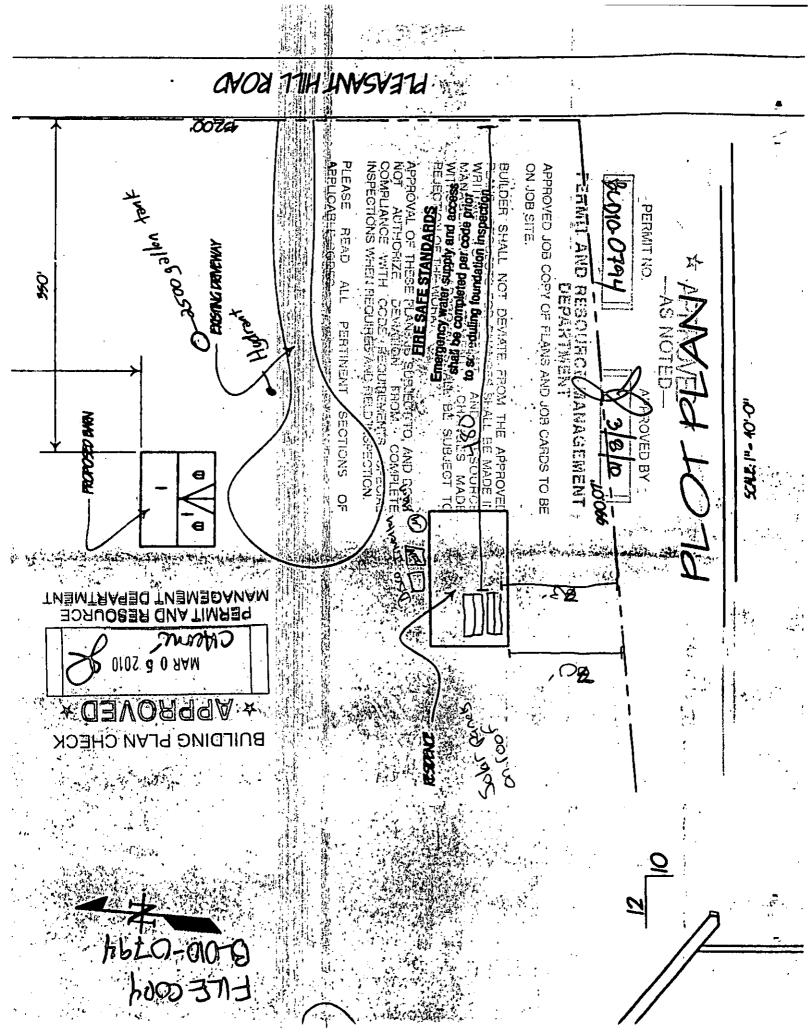
THIS PERMIT SHALL EXPIRE IN THREE(3) YEARS FROM DATE FEES ARE PAID UNLESS OTHERWISE NOTED BY CODE ENFORCEMENT

MENT REUD

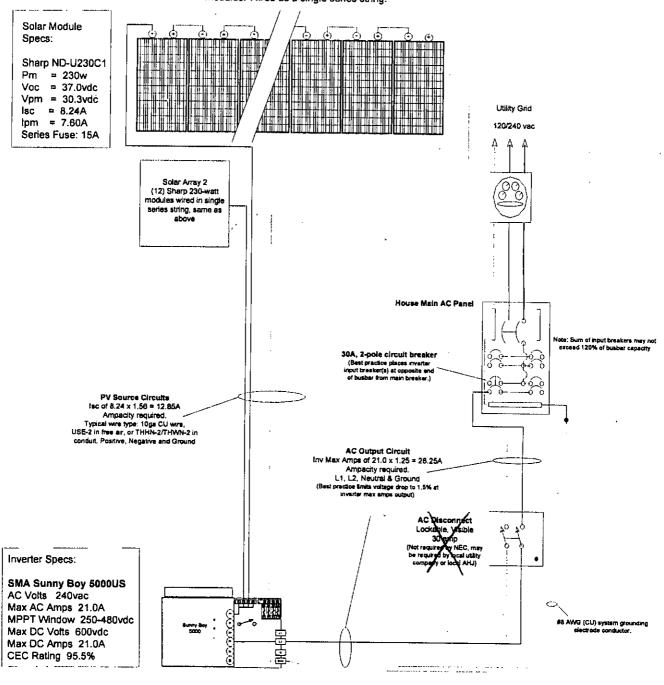
MAR 0 8 2013

PERMIT AND RESOURCE MANAGEMENT DEPARTMEN COUNTY OF SONOMA

| 131) SPECIAL INSPECTION RE | QUIRED | ☐ YES | □ NO IF YES, SEE ADDITIONAL SHEET |
|---|--|--|--|
| INSPECTION RECORD | DATE | NAME | REMARKS |
| 101) ROUGH GRADING | | | |
| 103) FOUNDATION FORMS/SETBACK | | | |
| FOOTING | | - | |
| - WALLS | | <u> </u> | |
| 106) UFER GROUND # | | · | |
| 104) CAISSONS/PIERS | | ·* · · · · · · · · · · · · · · · · · · | |
| 105) SLAB | | 1 | |
| 107) UNDERGROUND UTILITIES 110) MASONRY | | : | |
| 109) RETAINING WALLS | | 4 | |
| 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 | - | I | |
| ☐ INTERIOR ☐ EXTERIO | OR | i | · - · · - · - · - · - · · · · · · · · · |
| 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 ☐ SCRATO | CH | | |
| 137) ROOFING | | | |
| 130) TUB/SHOWER PAN | | | |
| 162) FIRE DAMPERS/DOORS 164) SUSPENDED CEILING | | <u> </u> | |
| 164) SUSPENDED CEILING ROUGH ELEC. ROUGH | MECH | L | |
| 165) EXITING - RAMPS/STAIRS | | | |
| 163) HANDRAILS/GUARDRAILS | | · | |
| CORRIDORS/DOORS | | | |
| 166) ACCESSIBILITY COMPLIANCE | | | 650) SUSMP INSPECTION |
| 144) WATER TANKS ☐ SLAB ☐ WALLS | 2 | . | 651) NPDES EROSION COMPLIANCE 652) NPDES SEDIMENT COMPLIANCE |
| 170) TEMPORARY OCCUPANCY | | · | 652) NPDES SEDIMENT COMPLIANCE 653) NPDES DOCS/SWPPP |
| 171) TEMPORARY ELECTRICAL | | | FIRE INSPECTION REQUIRED DATE NAME |
| 172) TEMPORARY GAS | | | ☐ Yes ☐ No |
| 174) ELECTRIC METER AUTHORIZATION | 3-11-10 | RP. | 759) KNOX BOX |
| 152) PANEL BOARDS/SERVICE | | | 760) PROPANE TANK HOLD DOWNS |
| 189) SEPTIC ELECTRIC FINAL | | | 770) SPRINKLER FINAL |
| 175) GAS METER AUTHORIZATION 153) GAS PRESSURE TEST | · · · · · · · · · · · · · · · · · · · | | 771) ABOVEGROUND HYDROSTATIC 772) UNDERGROUND HYDROSTATIC |
| HOUSE YARD | | | 773) UNDERGROUND FLUSH |
| 190) MANUF. HOME FOUNDATION | | | 774) THRUST BLOCKS |
| 191) MANUF. HOME INSTALLATION | | | THE PLANE B |
| CONTINUITY | | | 775) PIPE WELD 776) HYDRANTS/APPLIANCES 777) PUMP ACCEPTANCE |
| STAIRS/SKIRTS | ļ | | 1 770) MANATED CHINDI VITANIV |
| RIDGE BOLTING 193) MANUF. HOME COND. FINAL | <u> </u> | - | 778) WATER SUPPLY/TANK 779) ALARM SYSTEM |
| SWIMMING POOLS | <u> </u> | 1 | 780) HOOD & DUCT SYSTEM |
| 194) PRE-GUNITE | | -! | 781) APOVEGROUND TANKIDISPENSED |
| 195) PRE-DECK | | | 198) FIRE FINAL |
| 196) PRE-PLASTER/FENCE | | | CLEARANCES: |
| 197) VINYL/FIBERGLASS POOL EXCAVAT | ION | | FIRE D Local D County |
| 102) GRADING FINAL | 3-15-10 | +R $0-$ | HEALTH DEPARTMENT |
| 176) ELECTRICAL FINAL 177) MECHANICAL FINAL | 1770710 | 17 | ZONING SANITATION |
| 177) MECHANICAL FINAL 178) PLUMBING FINAL | | 1 ^ | - CAMPATION |
| 199) FINAL | 3-15-10 | RP- | PLAN RETENTION REQUIRED |
| OCCUPANCY (OK TO OCCUPY) | | 1,,, | ☐ Yes ☐ No |



Solar Module Array 1 (12) Sharp ND-U230UC1, 230-watt modules. Wired as a single series string.





Technical Data Sunny Boy 5000 / 6000 / 7000

| Input Data (DC) |
|--|
| Max. Recommended Array Input Power (DC @ STC |
| Max. DC Voltage |
| Peak Power Tracking Voltage |
| DC Max. Input Current |
| DC Voltage Ripple |
| Number of Fused String Inputs |
| PV Start Voltage (adjustable) |
| Output Data (AC) |
| AC Nominal Power |
| AC Maximum Output Power |
| AC Maximum Output Current (@ 208, 240, 277 V |
| AC Nominal Valtage / Range |
| . . . |
| |
| AC E / D |

AC Frequency / Range Power Factor Efficiency Peak Inverter Efficiency CEC weighted Efficiency

Mechanical Data

Dimensions W x H x D in inches Weight / Shipping Weight Ambient temperature range Power Consumption: standby / nighttime Topology

Cooling Concept

Mounting Location Indoor / Outdoor (NEMA 3R)

Features

LCD Display

tid Color: aluminum / red / blue / yellow

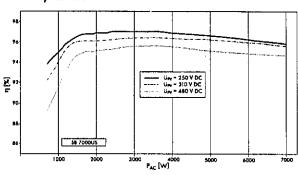
Communication: RS485 / Wireless

Warranty: 10-year

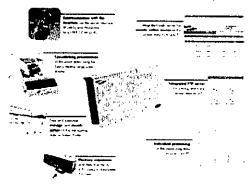
Compliance: IEEE-929, IEEE-1547, UL 1741, UL 1998, FCC Part 15 A & B

Specifications for nominal conditions

Efficiency Curves



SB 5000US SB 6000US SB 7000US 6250 W 7500 W 8750 W 600 V 600 V 600 V 250 - 480 V 250 - 480 V 250 - 480 V 21 A 25 A 30 A < 5% < 5% < 5% 4 300 V 300 V 300 V 5000 W 6000 W 7000 W 5000 W 6000 W 7000 W 24 A, 20.8 A, 18 A 29 A, 25 A, 21.6 A 34 A, 29 A, 25.3 A 183 - 229 V @ 208 V 183 - 229 V @ 208 V 183 - 229 V @ 208 V 211 - 264 V @ 240 V 211 - 264 V @ 240 V 211 - 264 V@ 240 V 244 - 305 V @ 277 V 244 - 305 V € 277 V 244 - 305 V @ 277 V 60 Hz / 59.3 Hz - 60.5 Hz 60 Hz / 59.3 Hz - 60.5 Hz 60 Hz / 59.3 Hz - 60.5 Hz 96.8% 97.0 % 97.1 % 95.5 % @ 208 V 95.5 % @ 208 V 95.5 % @ 208 V 95.5 % @ 240 V 95.5 % @ 240 V 96.0 % @ 240 V 95.5 % @ 277 V 96.0 % @ 277 V 96.0 % @ 277 V 18.4 x 24.1 x 9.5 18.4 x 24.1 x 9.5 18.4 x 24.1 x 9.5 143 lbs / 154 lbs 143 lbs / 154 lbs 143 lbs / 154 lbs -13 to +113 °F -13 to +113 °F -13 to +113 °F <7W/0.25W <7W/0.25W < 7 W / 0.25 W PWM, true sinewave, PWM, true sinewave, PWM, true sinewove, current source current source current source Convection with Convection with Convection with regulated fan cooling regulated fan cooling regulated fan cooling 0/0 **•**/0/0/0 ●/0/0/0 **●/**0/0/0 0/0 0/0 0/0 ■ Included O Option — Not available



www.sma-america.com Phone 530-273-4895 Toll Free 888-4SMAUSA

230 WATT

ND-U230C1

NEC 2008 Compliant
Module output cables now 12 AWG with locking connectors

ELECTRICAL CHARACTERISTICS

| Maximum Power (Pmax)* | 230 W | |
|-----------------------|---------------|--|
| Tolerance of Pmax | +10% / -5% | |
| Type of Celt | Polycrystalli | |

ine silicon Cell Configuration 60 in series Open Circuit Voltage (Voc) 37.0 V Maximum Power at Voltage (Vpm) 30.3 V Sport Circuit Current (Isc) 8.24 A Haximum Power at Current (Ipm) 760 A Mortule Efficiency (%) 14 1% Maximum System (DC) Voltage 600 V Series Fuse Rating 15 A NOCT 47.5°C Temperature Coefficient (Pmax) -0.485% / "C

Temperature Coefficient (Voc) -0.36% / °C
Temperature Coefficient (Isr.) 0.053% / °C

Most interest of the Continues and Test Continues 2500, 1 kW/me incontinue AM in

MECHANICAL CHARACTERISTICS

Dimensions (A - B - C releas) 39 1" v 64 6" v 167/994 v 1640 v 46 mm

Cable Length (I) 45.31/100 mm

Output Interconnect Cable** 12 AWG with MC4 Locking Connector

Weight 44 lbs / 20 kg

Nax Load 50 psf (2400 Pascals)

A control of the Children in the part number PVSSH4 may be required as reached account to the control of COOR 690 $35\,(C)$

QUALIFICATIONS

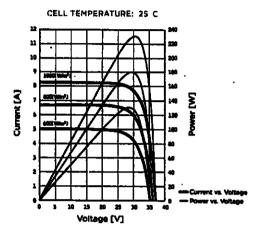
| UL Listed | UL 1703 |
|----------------|---------|
| Fire Rating 1. | Class C |

WARRANTY

25-year limited warranty on power output Contact Sharp for complete warranty information

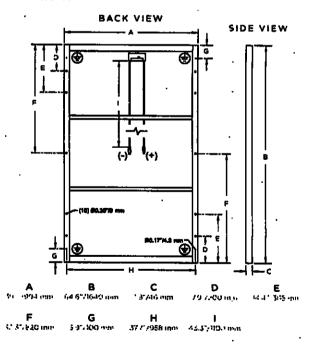
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IV CURVES



CURRENT. POWER VS. VOLTAGE CHARACTERISTICS

DIMENSIONS



Contact Sharp for telerance success ation .



SHARP ELECTRONICS CORPORATION
5901 Bolsa Avenuc, Huntington Beach, CA 92647
1-800-SOLAR-06 • Email: sharpsolar@sharpusa.com
www.sharpusa.com/solar