

CITY OF SACRAMENTO

Permit No: 0112041

1231 I Street, Sacramento, CA 95814

Insp Area: 2

Thos Bros: 338B6

Site Address: 33 KENNELFORD CR SAC

Sub-Type: RES

Parcel No: 117-0310-032

Housing (Y/N): N

CONTRACTOR

B&K ROOFING
8848 OLIVE RANCH LN
FAIR OAKS CA

OWNER

STEWART FRANK SCOTT
33 KENNELFORD CR
SACRAMENTO CA 95823

ARCHITECT

Nature of Work: REROOF T/O 24 SQ INSTALL 25YR DIM COMP AND INSTALL 5 SQ OF SUNSLATE SOLAR ROOF

CONSTRUCTION LENDING AGENCY : 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).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS 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.

License Class C39 License Number 756875 XDate 9-18-01 XContractor Signature Ken Duestad

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors Licetise 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 Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 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 (\$500.00);

I, as a 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 Professional 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/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/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 & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

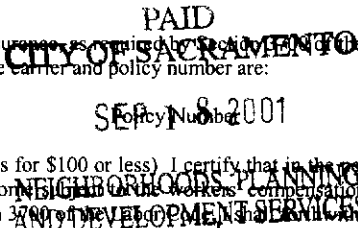
I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

XDate 9-18-01 XApplicant/Agent Signature Ken Duestad

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 workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:



Carrier

Policy Number

Exp Date

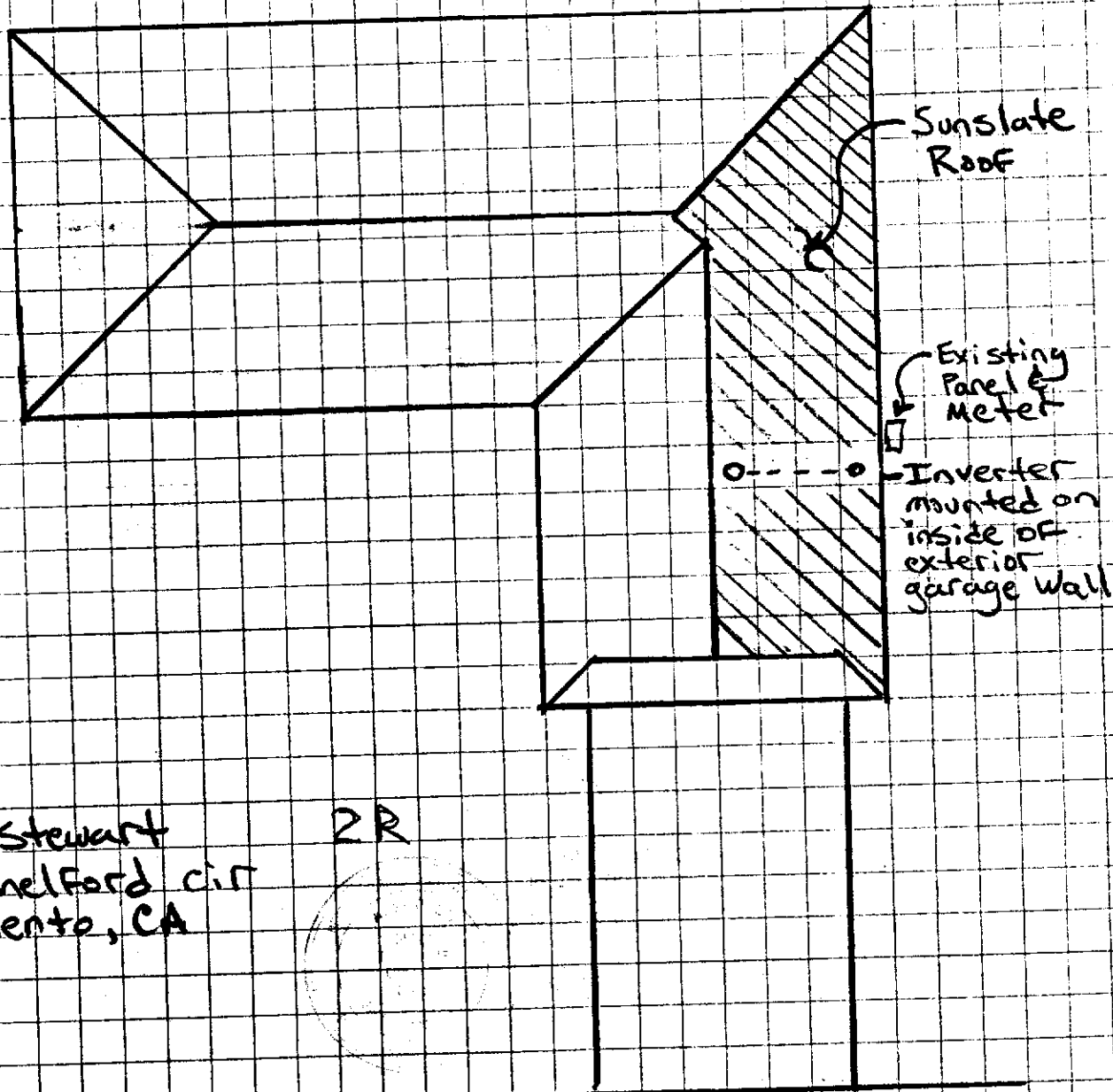
(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become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

XDate 9-18-01 XApplicant Signature Ken Duestad

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 FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

← N



Scott Stewart
33 Kennel Ford Cir
Sacramento, CA

2R

33 Kennel Ford CR.

ISSUED

APR 16 2002

Sacramento Building Division

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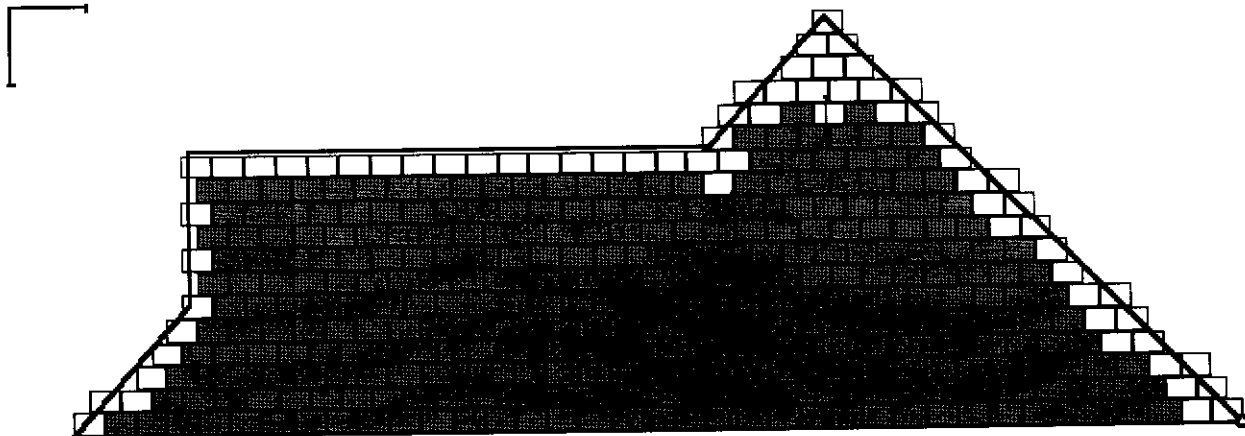
CITY COPY

01/2041

Project Name: Scott Stewart

System Design

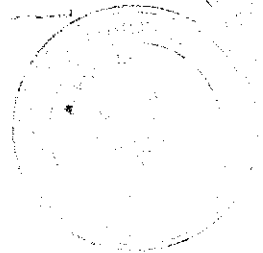
Offer S-02.04.s1



APPROVED 1996
 NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
 AND CITY OF SACRAMENTO
 T.L.M. 4-16-2002
 ELECTRICAL DIVISION

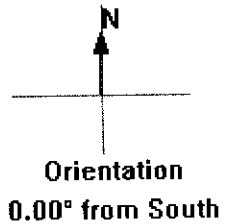
This set of plans and specifications is to be used only for the project identified on the title sheet. All other projects are to be used only as a reference.

Total installed power DC @ STC: 3,776 [W]
 Total installed power AC @ PTC: 2,854 [W]
 Sunslates surface: 413.3 Sq.Ft.



ISSUED

APR 16 2002



20F4

Project Name: Scott Stewart

System Design

Offer S-02.04.s1

System components and parameters

All calculations are made with 1000 W/m2 sun irradiation at 25 degC.

1. Sunslate

Sunslate Type: AP-F	Total Sunslates:	320
Cells per Sunslate: 6	Bare Slates	68
Connection in Sunslate: 6 in Series and 1 parallel	Sunslate Blanks:	0

2. Strings (Fields)

Sunslates per String: 1	Ump:	2.85 [VDC]
Connections: All in Series	Uoc:	3.54 [VDC]
	Pmp:	11.80 [W]

3. System

Installed DC power:	Pmp:	<u>3,775.68</u> [W]
Total Strings: 320	Ump:	2.85 [VDC]
Connection in Sunslate: 1 in Series and 320 parallel	Uoc:	3.54 [VDC]
	Pmp:	<u>2,854.41</u> Watts AC @ PTC

4. Cables

Field connecting	Row connecting	Sunslate-Sunslate	Bridges
320 ea.- Field2.5B			320 ea.

5. Inverter

1 ea.-SW4048UPV or PV

6. Field connecting box (if any)

1 ea.-2 x TCB10

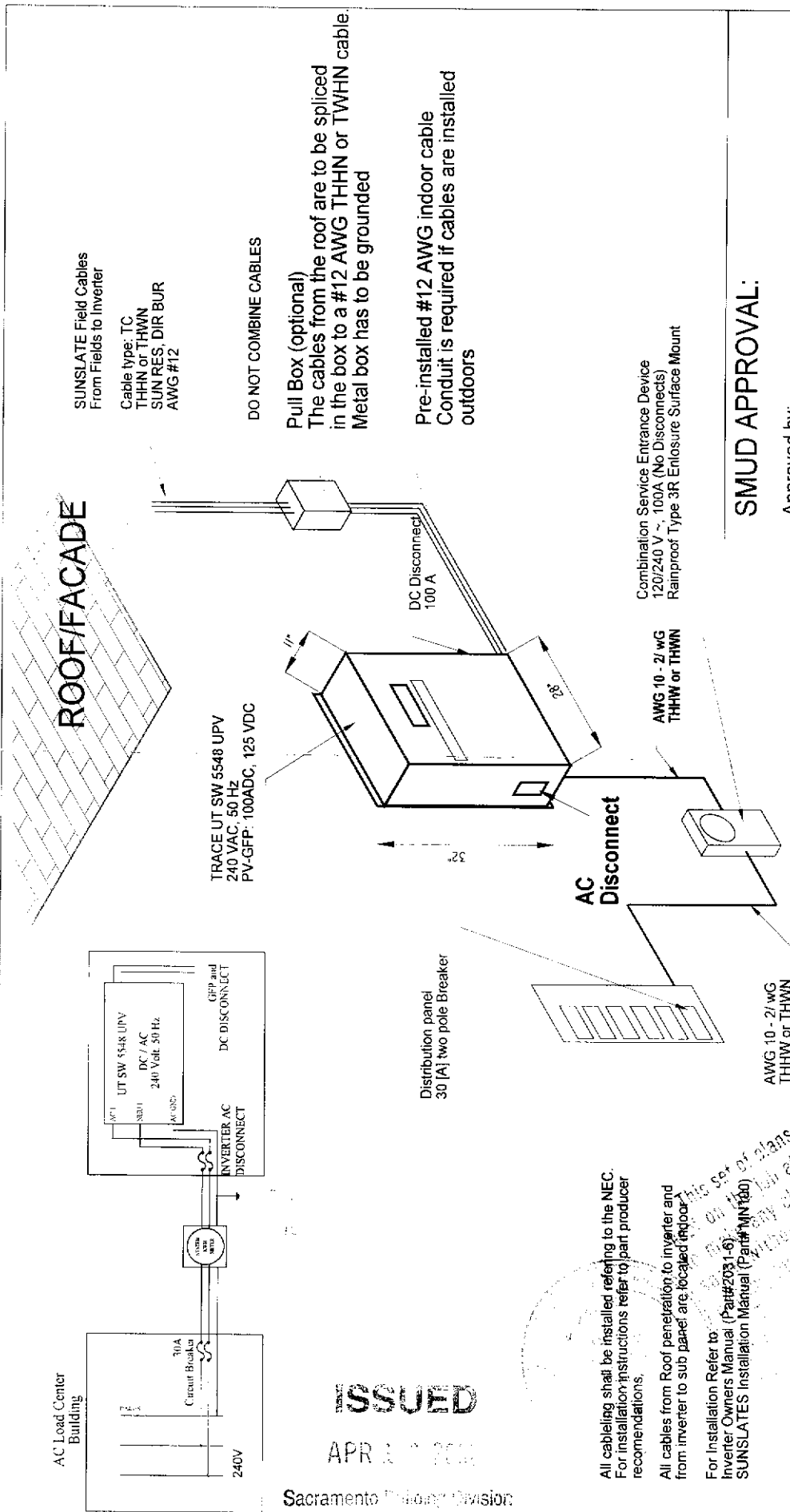
This set of plans and specifications must be read in conjunction with all other documents and drawings for the project.

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APR 16 2004

Sacramento Building Division

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SUNSLATE Field Cables
From Fields to Inverter

Cable type: TC
THHN or THWN
SUN RES, DIR BUR
AWG #12

DO NOT COMBINE CABLES

Pull Box (optional)
The cables from the roof are to be spliced
in the box to a #12 AWG THHN or THWN cable.
Metal box has to be grounded

Pre-installed #12 AWG indoor cable
Conduit is required if cables are installed
outdoors

Combination Service Entrance Device
120/240 V ~, 100A (No Disconnects)
Rainproof Type 3R Enclosure Surface Mount

SMUD APPROVAL:

Approved by: _____

CONTRACT NO.	DATE	COMPANY
DRAWN BY: Todor Galitiev		Atlantis Energy, Inc.
CHECKED BY:		4410 Northgate Blvd., 160, Sacramento CA 95854, FAX: 916 937 1937
DESIGNED BY: Todor Galitiev		TITLE: Electrical System for SW5548 - 240 VAC
DESIGN ACTIVITY:		SIZE: FROM NO. DWG NO. / FILE NAME
CUSTOMER:		SCALE: 1" = 1'-0" DWG NO. 06SMUD00 - 014 - 101
	DATE	SHEET
	NTS	1 of 1

All cabling shall be installed referring to the NEC.
For installation instructions refer to part producer
recommendations.

All cables from Roof penetration to inverter and
from inverter to sub panel are located indoors.

For Installation Refer to
Inverter Owners Manual (Part# 2031-6)
SUNSLATES Installation Manual (Part# MN100)

ISSUED
APR 1 2008

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This set of plans and specifications must be
checked on the job at all times and it is
the responsibility of the contractor to
make any changes or alterations
without written permission of
the design engineer.

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