

Mayor's Solar Awards Ceremony October 3, 2012



Award Plaques and Certificates

- ◆ 27 projects: award certificates for contractors & property owners; projects consistent with guidelines
- ◆ 5 of the 27 projects: award plaques for property owners & certificates for contractors; projects best exemplifying guideline application. Plaques by Brian Chandler, local solar artist



Goal is to move from:



*“Good for them for being environmental,
but that look is not for me.”*

To:



“Solar is for me, my friends and my neighbors. It works great for our environment and looks good too.”

Current Status of Solar Energy in Santa Barbara

Quantity:

- ◆ Over 426 systems have been installed in the City.
- ◆ Over 140 systems are pending installation.
- ◆ City municipal installation of 517.2 kW, including corporate yard, airport quick turnaround facility and Fire Stations 1 & 2.

Projects Support:

- ◆ Illustrated Design Guidelines
- ◆ Solar Design Recognition Program
- ◆ Clear Building & Safety requirements
- ◆ Approvals over-the-counter as standard
- ◆ Boards and Commission encourage set-aside of roof area on projects for solar panels

Awards include:

Active: Photovoltaic (Electric) & Solar Thermal (Water)

Passive Solar projects: building siting, orientation, materials, construction techniques and landscaping to reduce long-term energy needs for new developments.



Active Solar Award Categories

1. Standard: *Not Publicly Visible*

- Ideal Site: 85%+ efficiency & not publicly visible
- Flat Roof System: ex: panel angled at 5 degrees or less

2. Design Challenge: *Publicly Visible*

- Building Integrated Technology
- Carefully Designed and Mounted Panel System

3. Special Challenge

- Mission Tile
- Historic Structures
- Commercial/Industrial/Institutional Systems

Active Solar 26 Certificate Awards

- (8) REC Solar*
- (8) Sun Pacific Solar Electric*
- (2) California Solar Electric Systems*
- (2) Solforce Systems Inc.
- (1) Carlton Electrical Construction
- (1) Mac's Solar & Pools
- (1) Planet Solar
- (1) Advanced Solar Electric
- (1) McCoy Electrical Corporation
- (1) Verengo Solar Plus



Yellow = local Santa Barbara office

Orange = no Santa Barbara office

*Either former or present CEC "Solarize Santa Barbara"
Program Contractor

5 Plaque Awards

- ◆ Four Active Solar Electric
- ◆ One Passive Solar & Active Solar Electric



Active Solar Not Publicly Visible Certificate

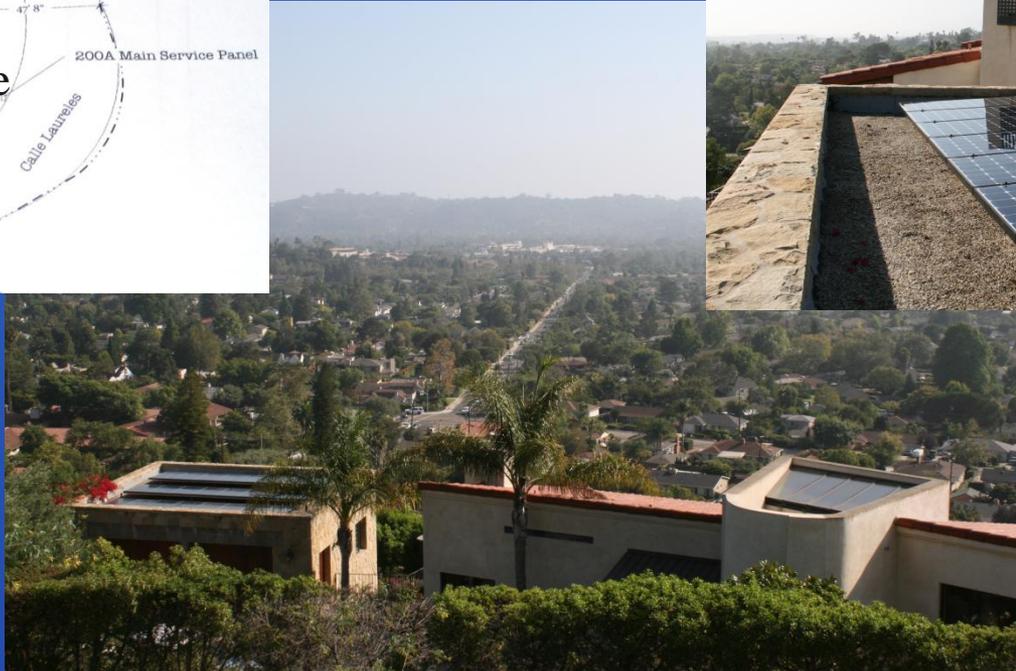
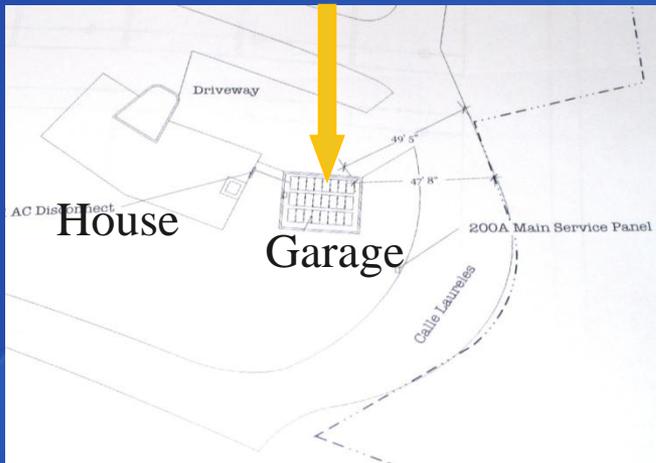
E. Calle Laureles

5.76 kW

Category 1

Owner: Jeffrey & Erin Zuck

**Contractor: California Solar
Electrical Systems**



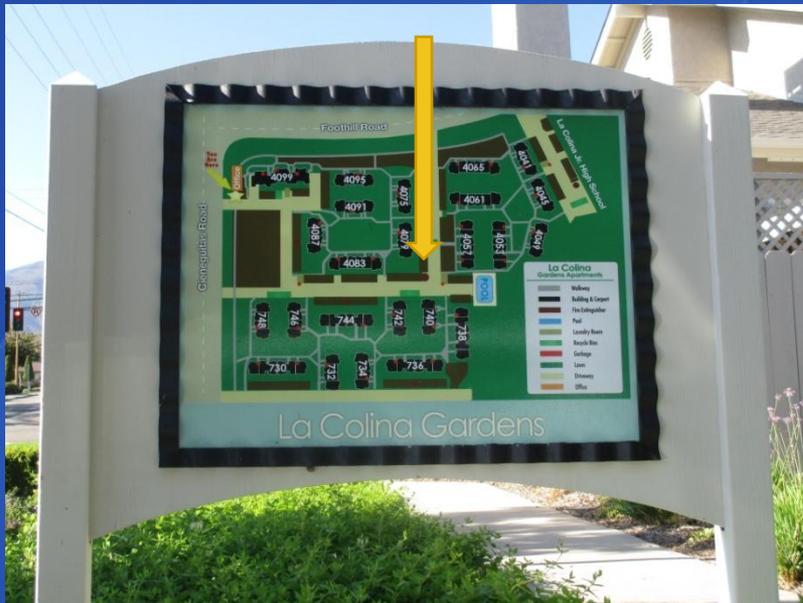
Active Solar Not Publicly Visible Certificate

Foothill Rd

Category 1

Owner: La Colina Gardens

Contractor: Mac's Solar and Pools



Solar pool heating system

Active Solar Not Publicly Visible Certificate

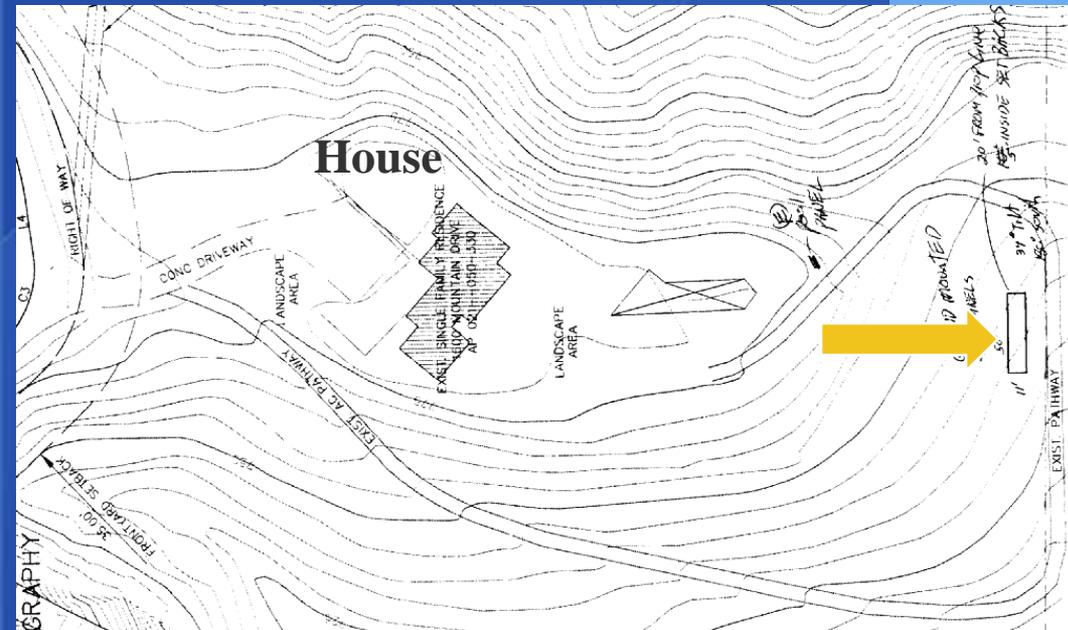
Category 1

W Mountain Dr

Owner: Ted Gardner

Contractor: McCoy Electric Corporation

6.4 kW



Ground mounted system: not visible from public street view.

Active Solar

Not Publicly Visible: “Mission Style” Tile Certificate

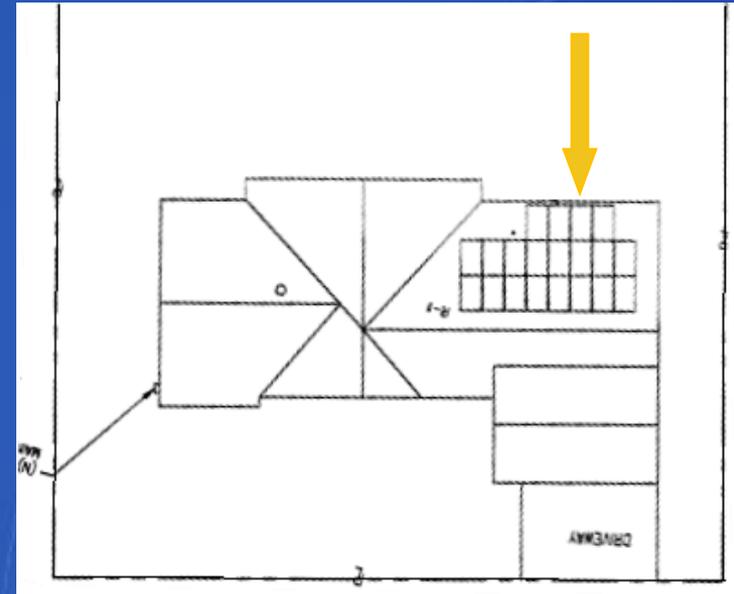
Via Alicia

4.7 kW

Category 1 & 3

Owner: Mikhail Family

Contractor: Verengo Solar Plus



Active Solar

Category 1

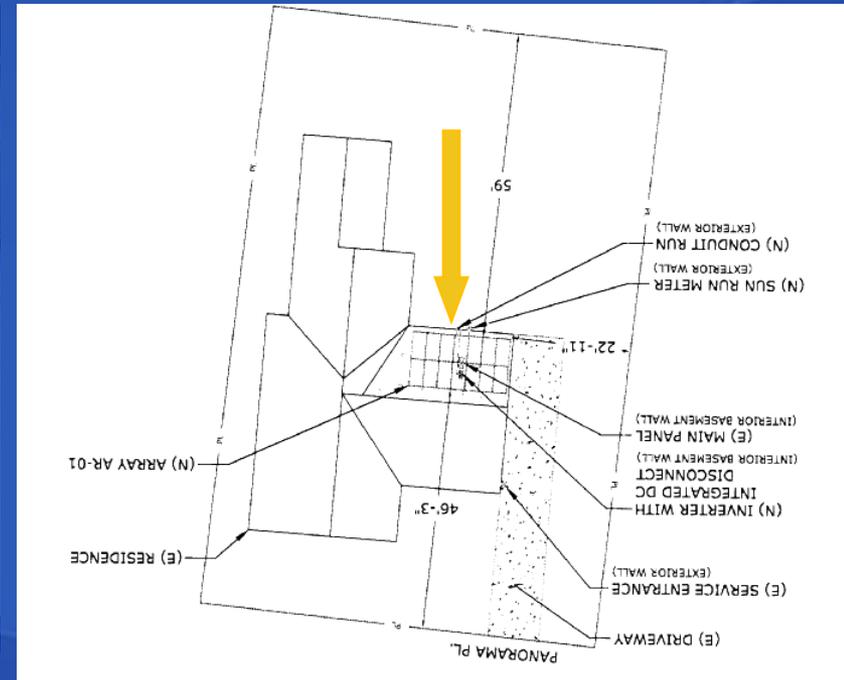
Design Challenge: Publicly Visible Certificate

Owner: Layton Family

Contractor: REC Solar

Panorama Place

3.08 kW



Active Solar Not Publicly Visible Certificate

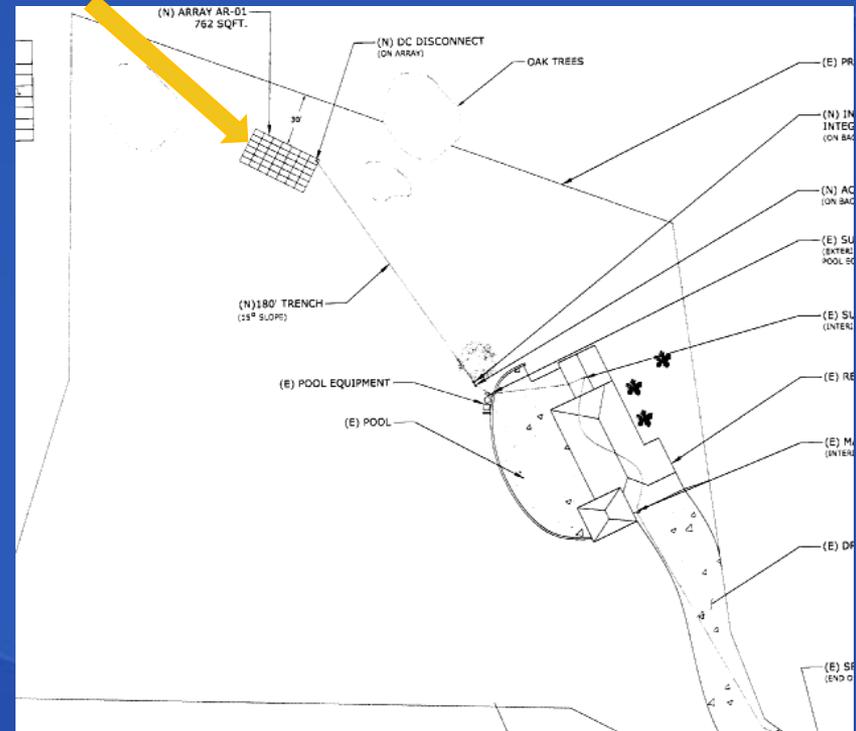
Northridge Rd

9.66 kW

Category 1

Owner: Ken Allen

Contractor: REC Solar



Ground mounted system: not visible from public street view.

Active Solar Not Publicly Visible Certificate

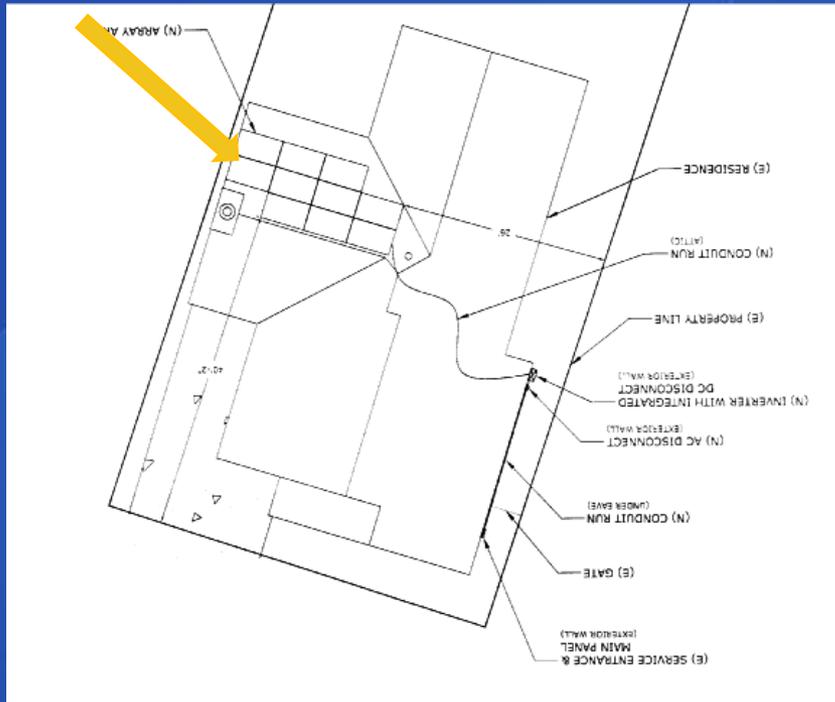
Loma Street

2.45 kW

Category 1

Owner: Robert & Suzanne Greenberg Family

Contractor: REC Solar



Active Solar Not Publicly Visible Certificate

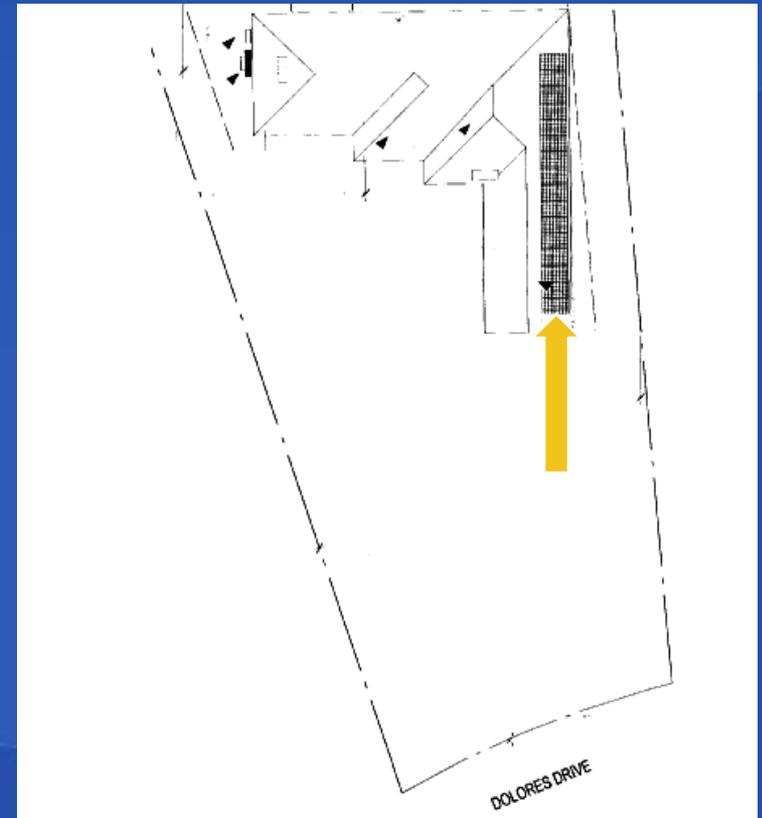
Dolores Dr

3.65 kW

Category 1

Owner: Richard Dallett

Contractor: Sun Pacific Solar



Active Solar Not Publicly Visible Certificate

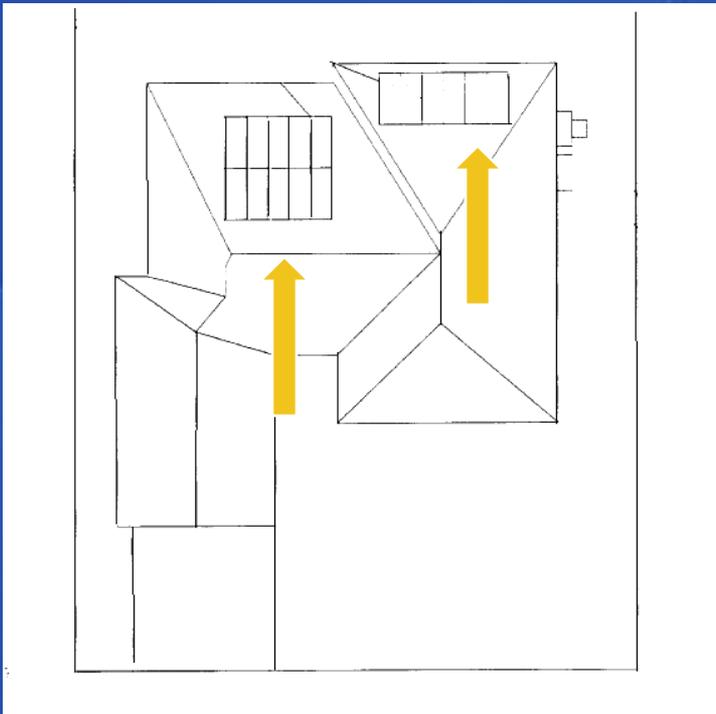
Murrell Rd

3.68 kW

Category 1

Owner: Patricia Brennan

Contractor: Sun Pacific Solar



Active Solar Not Publicly Visible Certificate

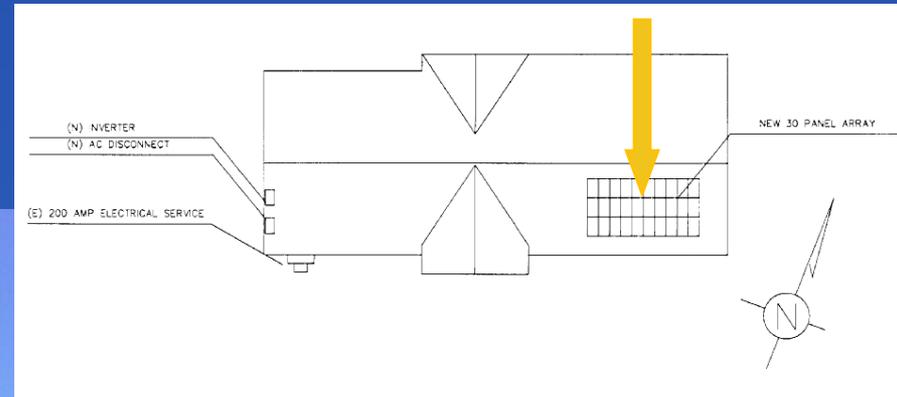
Calle Bello

7.35 kW

Category 1

Owner: US Bank Trustee

Contractor: Sun Pacific Solar



Active Solar Not Publicly Visible Certificate

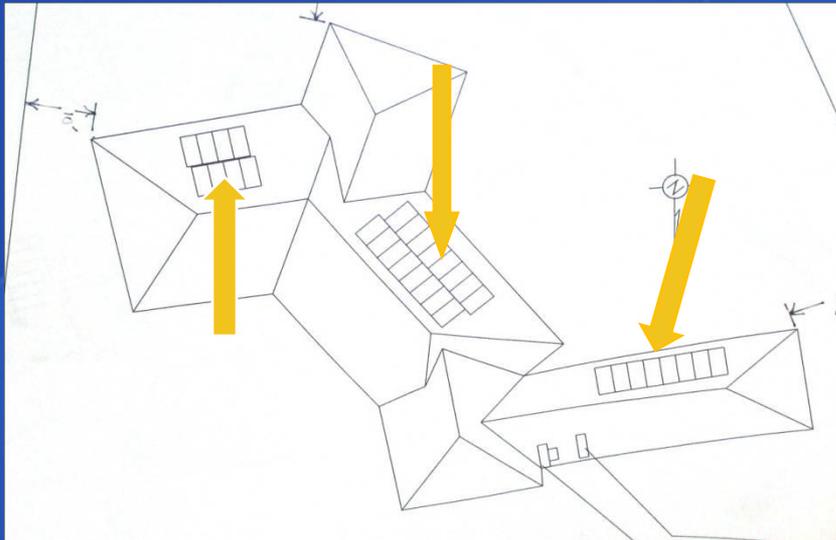
Category 1

Owner: Roache Family

Contractor: Sun Pacific Solar

Piedmont Rd

7.84 kW



Active Solar Not Publicly Visible Certificate

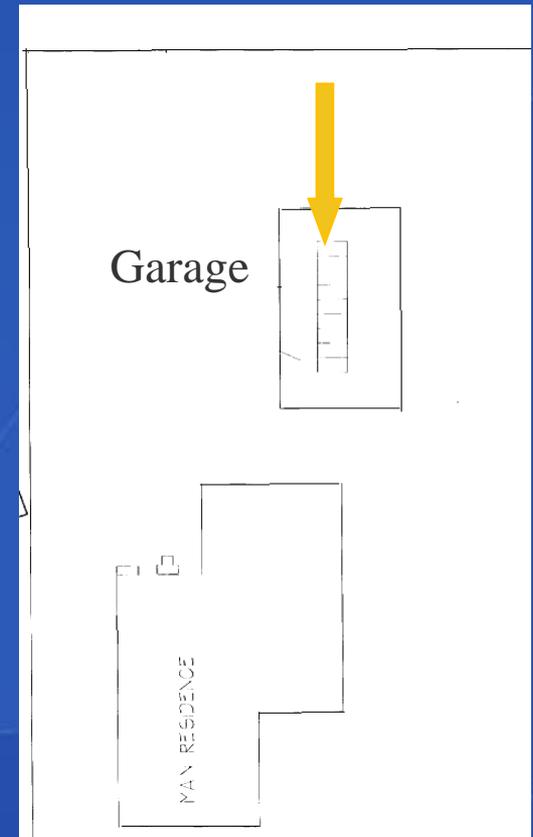
W Figueroa St.

2.16 kW

Category 1

Owners: Paul Broeker & Deborah
Lipp

Contractor: Sun Pacific Solar



Active Solar Not Publicly Visible Certificate

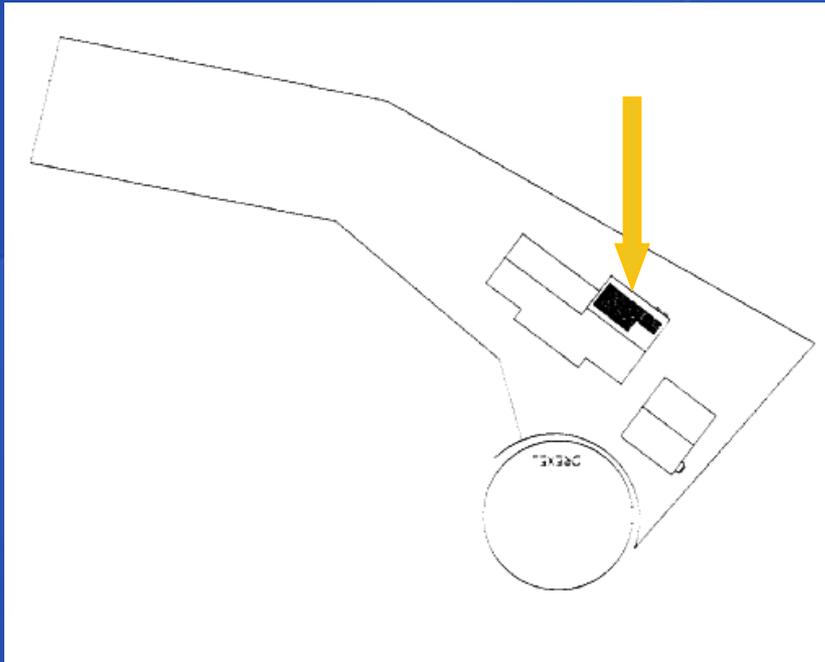
Drexel Dr

3.42 kW

Category 1

Owner: Mary Lee Hopkins

Contractor: Sun Pacific Solar



Active Solar Not Publicly Visible Certificate

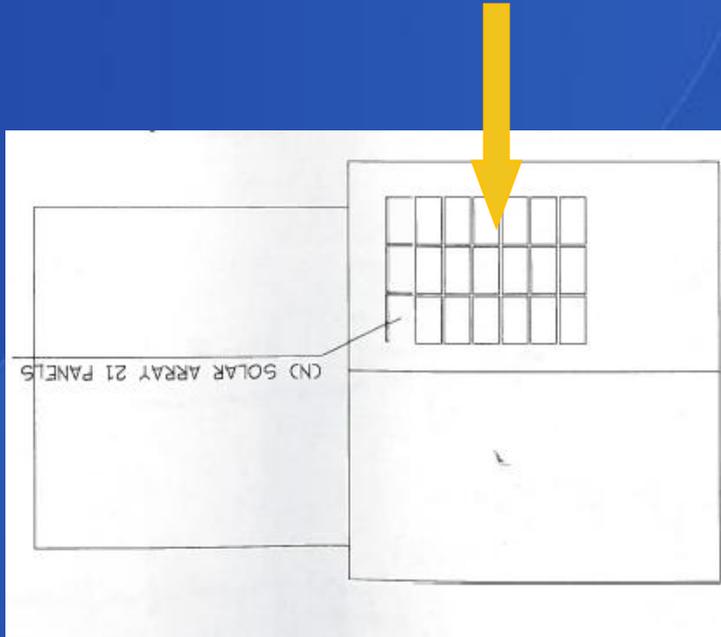
Category 1

Las Canoas Rd

Owners: Raymond & Donna Jordan

Contractor: Sun Pacific Solar

6.87 kW



Active Solar

Category 1

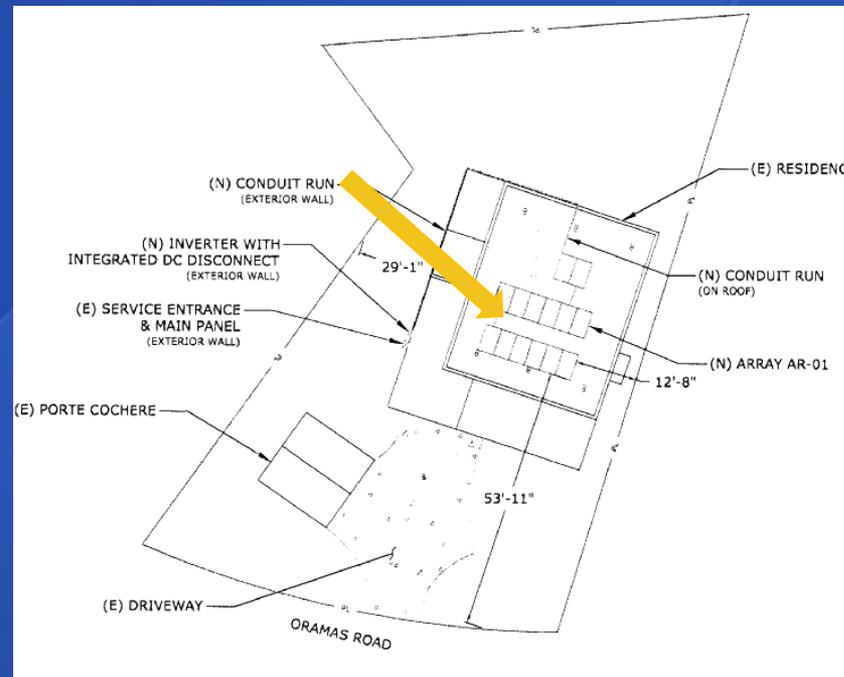
Not Publicly Visible: Flat Roof System Certificate

Owner: Raymond Clemencon

Oramas Rd

Contractor: REC Solar

3.36 kW



All panels concealed by parapet.

Active Solar

Category 1 & 3

Special Challenge: Flat Roof & Mission Tile

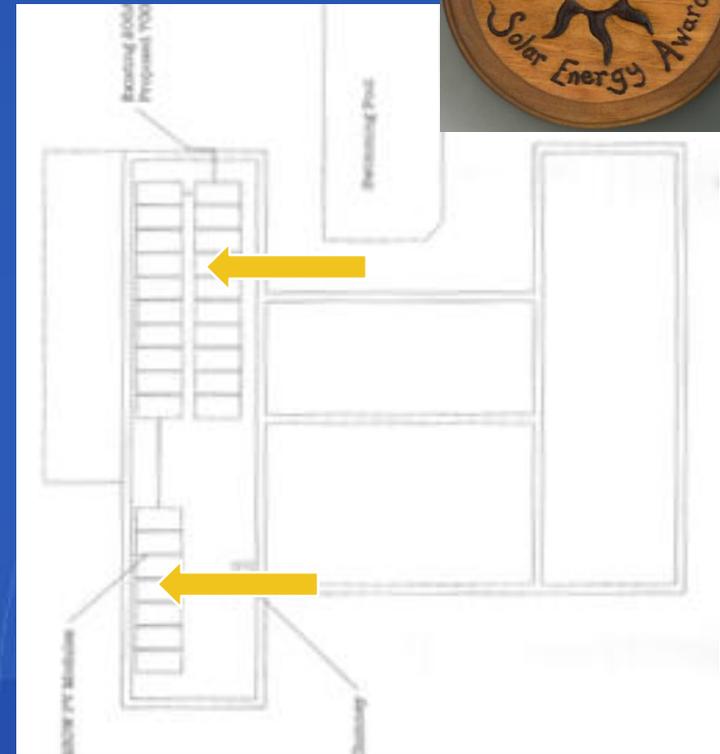
Plaque

Owners: James Milchak & Joni Gordon

Hope Terrace

Contractor: California Solar Electric Systems

6.21 kW



Active Solar

Category 2 & 3

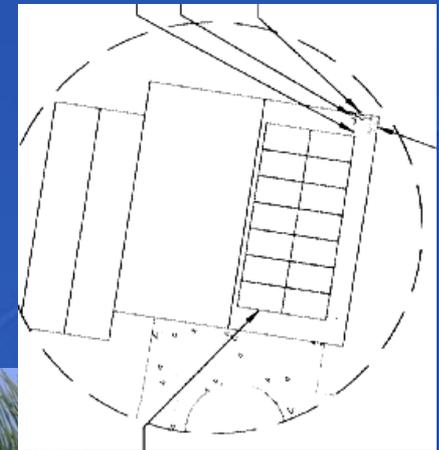
**Design & Special Challenge: Publicly Visible &
Historic Site
Certificate**

Owner: Kum-Kum Bhavnani

Contractor: REC Solar

San Roque Rd

3.29 kW



Garage



Active Solar Publicly Visible Certificate

Solana Ct

3.3 kW

Category 2

Owner: Smith Family

Contractor : REC



View from Alan Rd.



View from Solana Ct.

Active Solar

Category 2

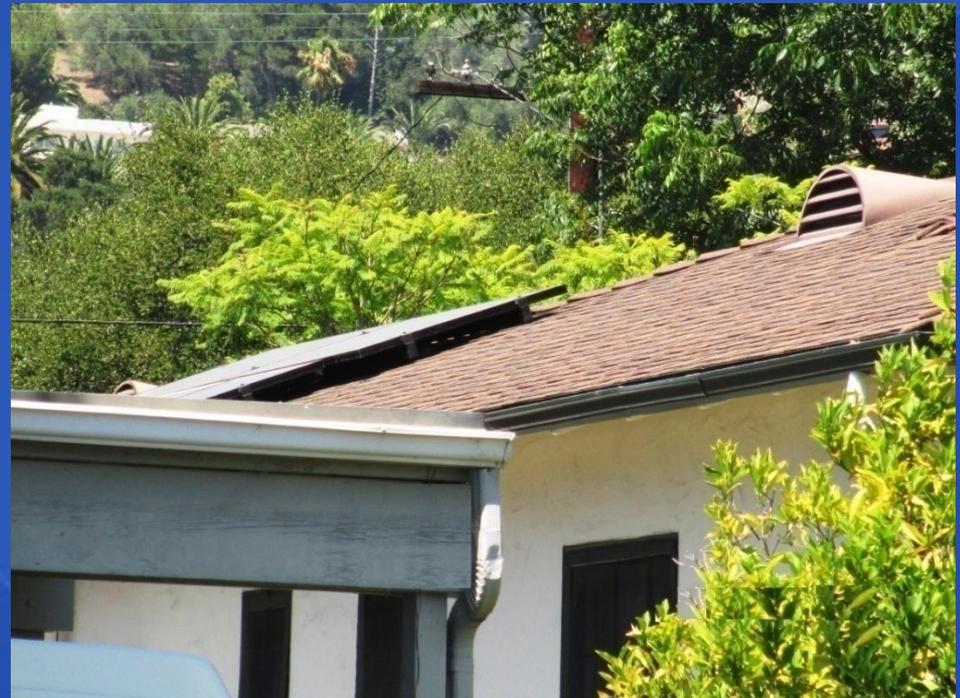
**Design Challenge: Publicly Visible
Certificate**

Paseo Del Refugio

3.36 kW

Owner: Teton Family

Contractor: REC Solar



Active Solar

Category 2

Design Challenge: Publicly Visible Plaque

Gibraltar Rd

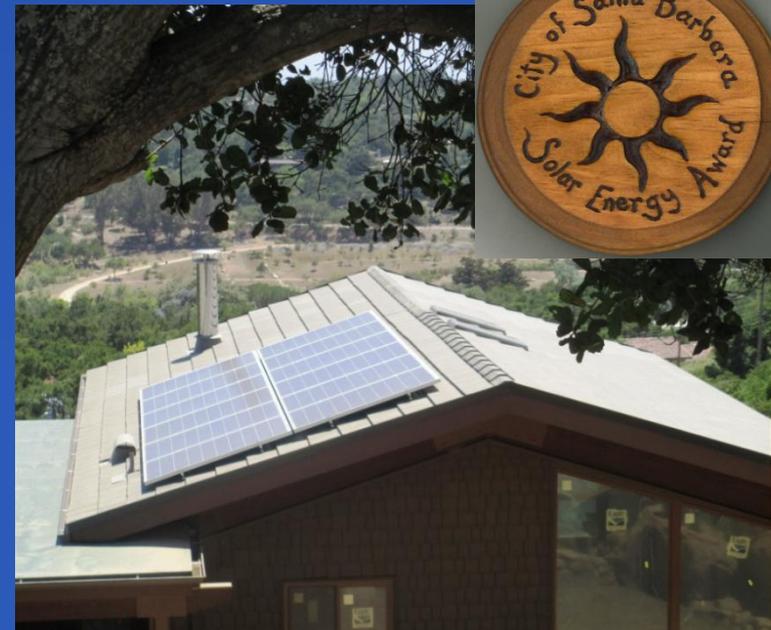
6.11 kW

Owner: Dale Taylor

Contractor: Sun Pacific Solar



Eastern roof



Western roof



Active Solar

Category 3 & 1

**Special Challenge: Mission Tile
Certificate**

W. Micheltoarena St

4.5 kW

**Owners: James Fischer &
Judith Litschel**

Contractor: Advanced Solar Electric



View from public street.



View from private driveway, not
publicly visible.

Active Solar

Category 3 & 1

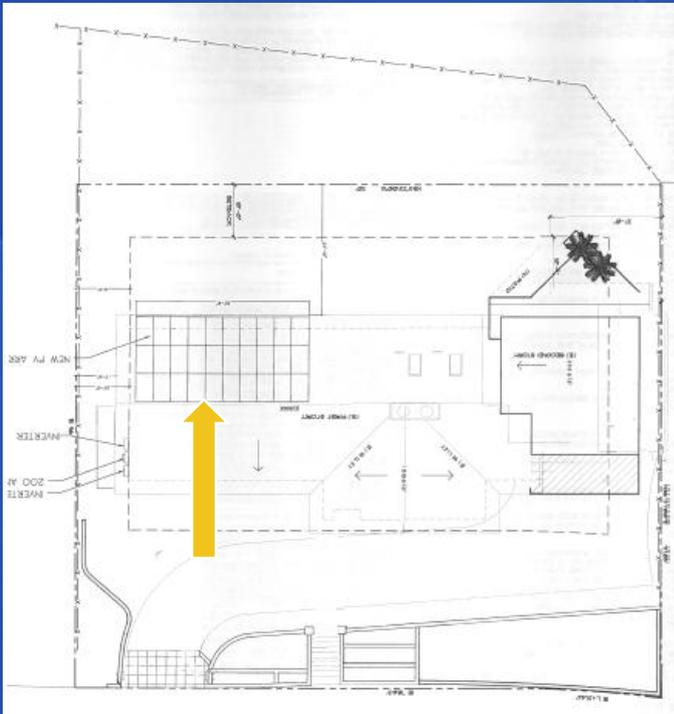
Special Challenge: Mission Tile Certificate

Owner: Tatiana Tikhonova

La Cresta Circle

Contractor: Carlton Electrical Construction

3.72 kW



Active Solar Special Challenge: Mission Tile Certificate

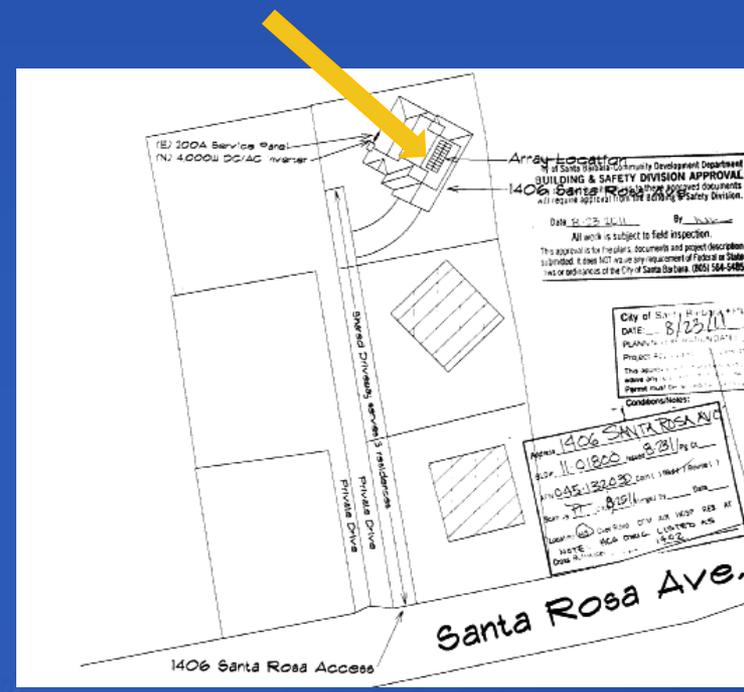
Category 3 & 1

Santa Rosa Ave

Owners: Hugh Kelly & Katya Bloom

Contractor: Planet Solar

3.4 kW



Active Solar

Special Challenge: Mission Tile & Historic Structure

Not Publicly Visible

Certificate

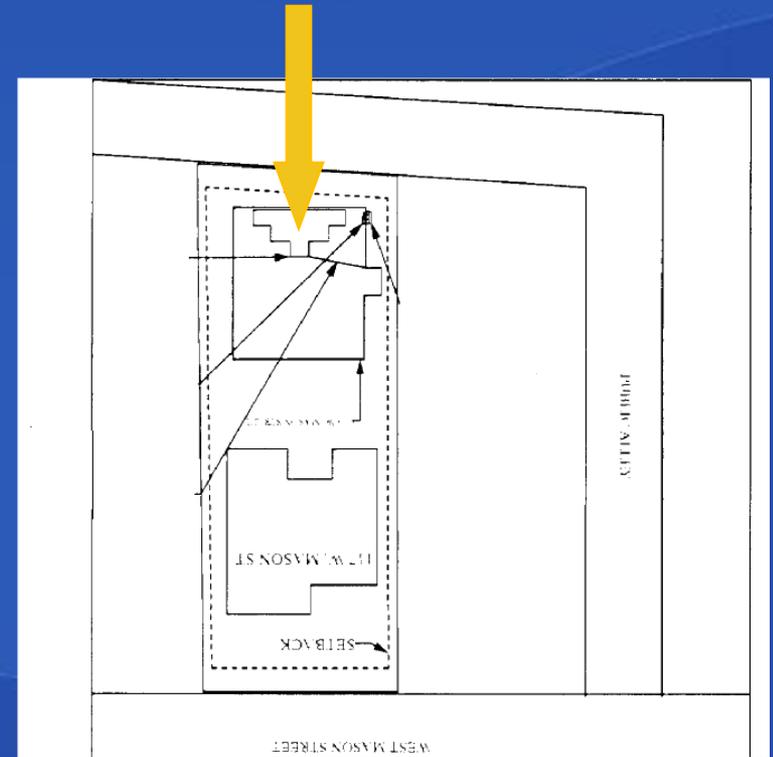
W. Mason Street

4.8 kW

Category 3 & 1

Owner: Arthur Toga

Contractor: Solforce Systems Inc.



Active Solar

Category 3 & 1

Not Publicly Visible & Special Challenge: Mission Tile

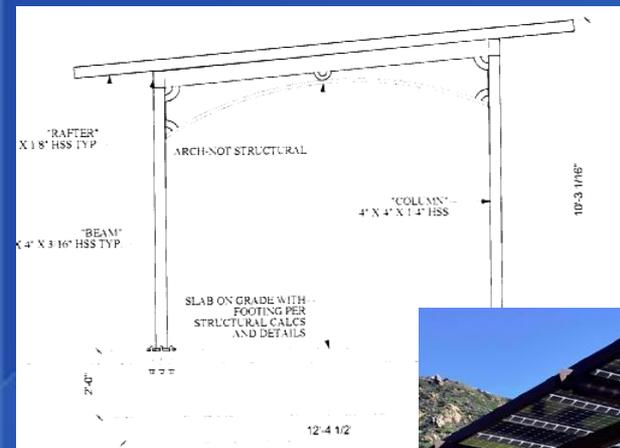
Plaque

Owner: Powell Family

W Mountain Dr

Contractor: Solforce Systems Inc.

3.72 kW



Active Solar

Category 3 & 2

Design & Special Challenge: Publicly Visible &

Historic Site

Plaque

Owner: Taylor Family

Chapala St

Contractor: REC Solar

3.52 kW



Passive Solar Certificates

- ◆ Las Canoas Road



Passive Solar Checklist

1. Building orientation
2. Window selection and placement
3. Use of thermal mass to moderate temperature
4. Meet remaining heating load with an efficient back-up system
5. Minimize direct sun exposure and heat absorption
6. Allow for cool air to enter the building
7. Give hot air a way out of building
8. Maximize natural light
9. Special glazing and automated controls

Active & Passive Solar Not Publicly Visible: Ideal Site Plaque

Owner: McNamara Family

Designer: The Fine Line

Contractors: Peter Novak Building and Design

Las Canoas Road

kW



Special Solar Program Recognition

South Santa Barbara County, including
City of Santa Barbara



Helped 49 properties to "Go Solar" in just three
months in 2011

Community Environmental Council





Congratulations!

To all award recipients of this year's

City of Santa Barbara

2012 Solar Recognition Program

It is through your efforts that our city has developed and maintained a more beautiful and sustainable community. Thank You!