



Hybrid Shades™

The first thermal-solar, building-integrated shading system

Protect from the sun

+

Capture its energy

Simply Brilliant



Hybrid Shades™ protect from the sun and use its energy to produce free solar hot water

- ✓ **Beautiful** – invisible thermal collectors
- ✓ **Efficient** – 30% cooling + 60% heating savings
- ✓ **Certified** – LEED points+30-50% tax incentives
- ✓ **Low Cost** – Faster ROI than non-hybrid shades
- ✓ **Green** – 100% recycled / recyclable aluminum
- ✓ **Unique** – First and only product of its kind



The Problem

- Rising energy costs
- Environmental issues and consequences
- Energy inefficiency in buildings alone accounts for:

35% of the US energy consumption

40% of US CO2 output

Data from the Center for Architecture Science & Technology (C.A.S.E in NY)



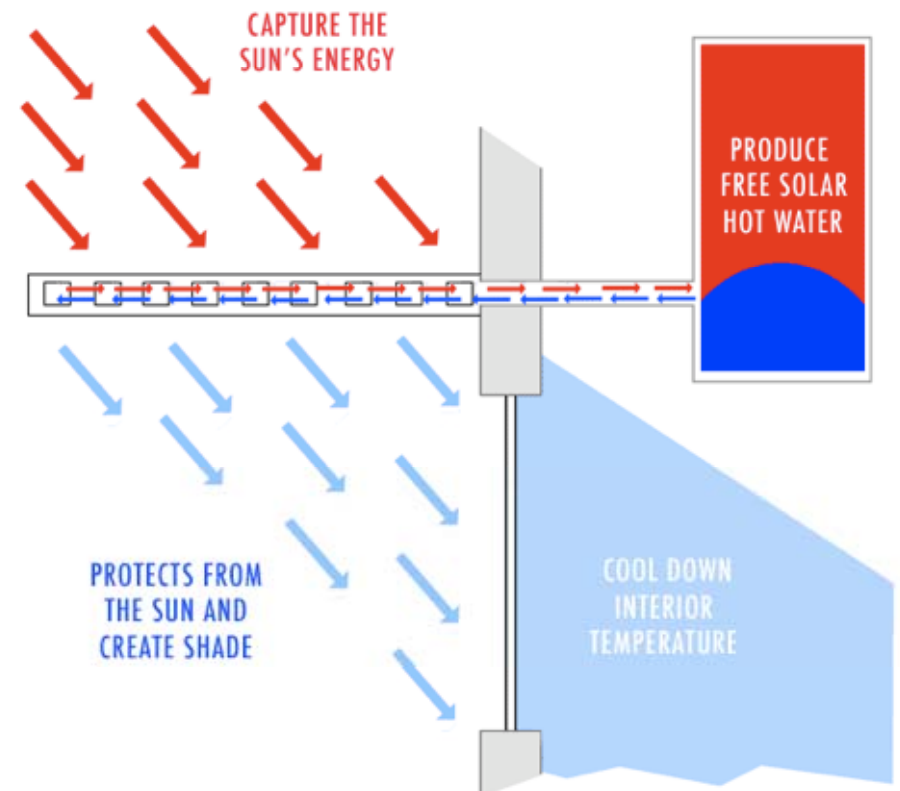
The Goal = Net Zero Buildings

- **Save energy**

Hybrid Shades™ save 30% on building cooling costs

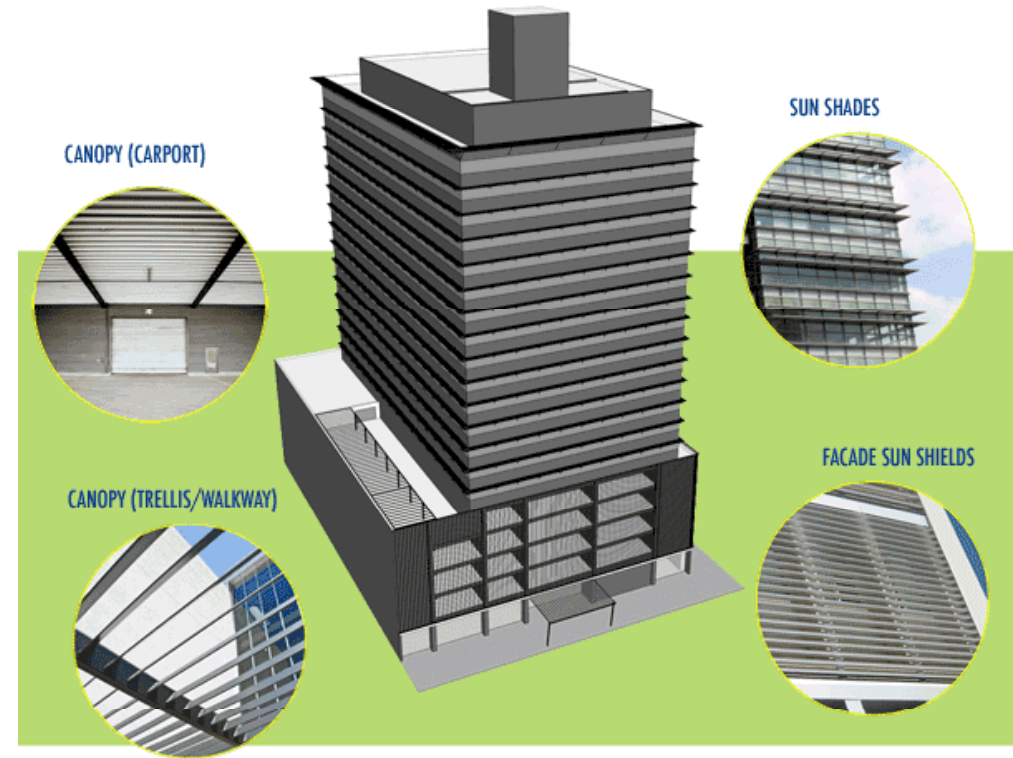
- **Produce energy**

Hybrid Shades™ save up to 60% on water heating costs



Hybrid Shades™ Applications

- Residential/Commercial
- New Construction/Retrofits
- Sun Shades
- Façade Shields
- Canopies/Screens
- Fences/Guardrails
- Domestic Hot Water/Pools/
Radiant Heat Systems



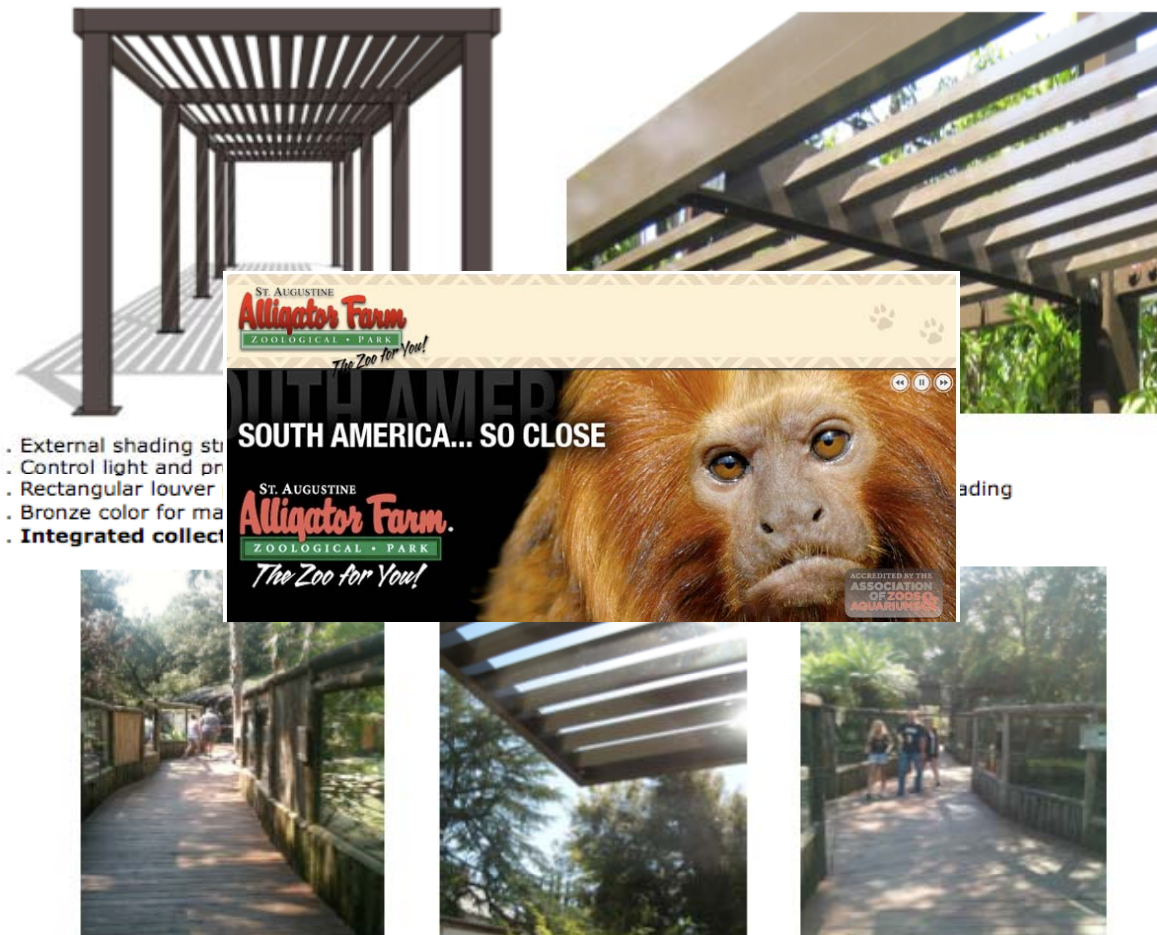
Hybrid Shades™ Competitive Advantage

- Only product of its kind
- Lasts longer / looks better
- R.O.I x3 faster than regular shades
- Higher LEED points
- SRCC Certification:
 - Validation of technology
 - Tax incentives net 30%+ savings
- “Best New Product” by Architectural Record
- Featured in “This New House” on DIY and HGTV



Commercial Validation

Walkway / Pergola - Standard elements ETME C



- . External shading structure
- . Control light and provide shade
- . Rectangular louver
- . Bronze color for maintenance
- . Integrated collection

St Augustine Zoological Park

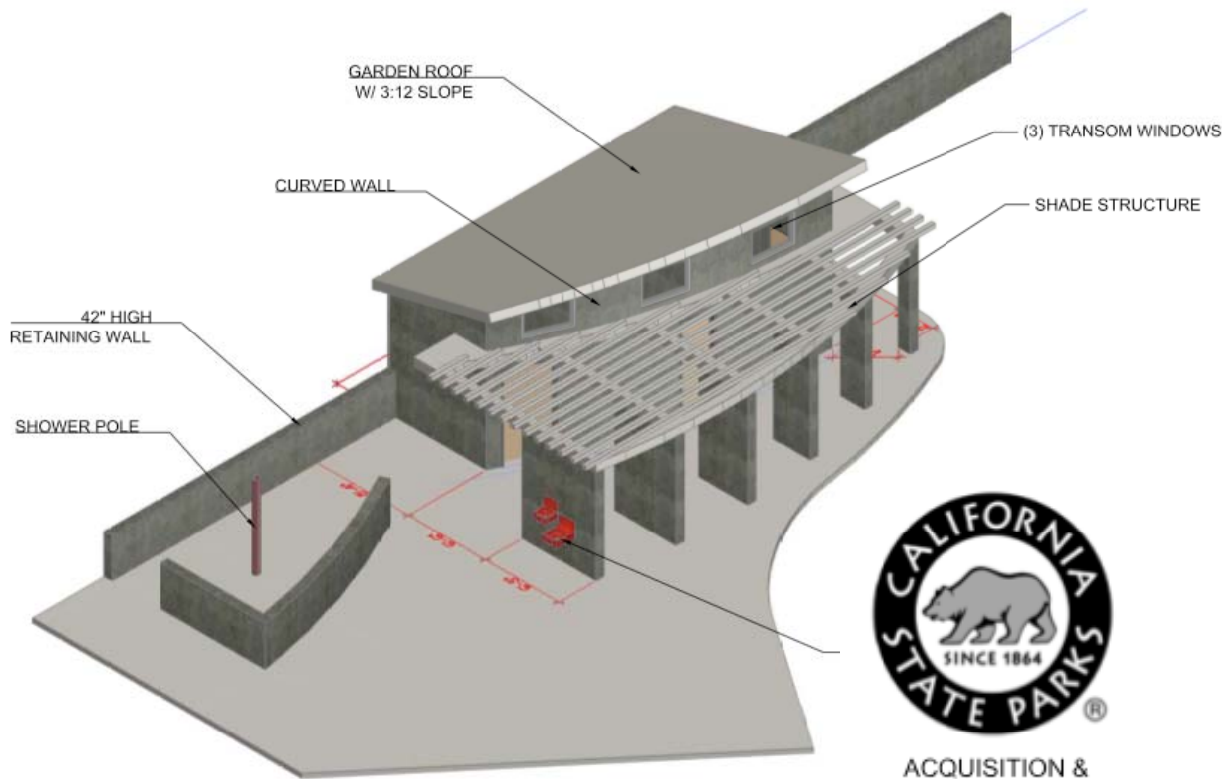
(FL)

Walkway canopies
comfort visitors and
heat alligator
ponds

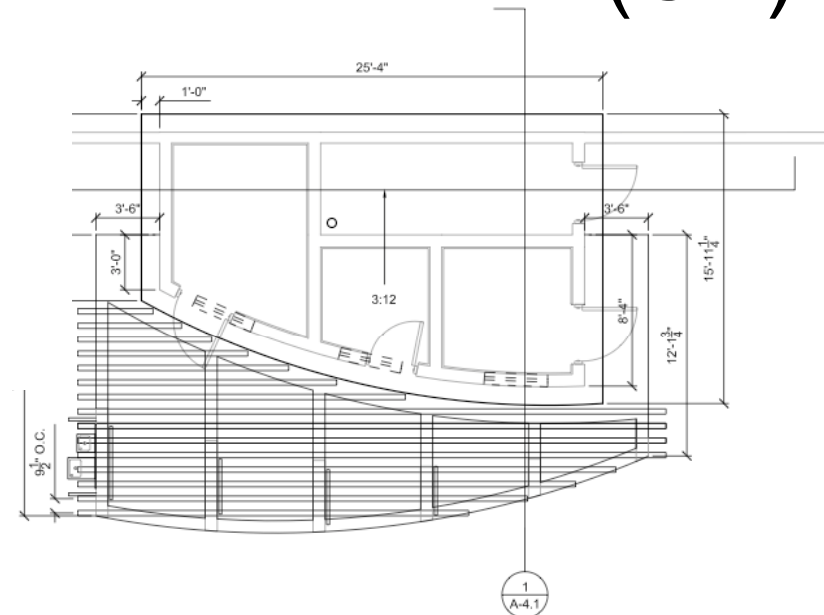
Government Validation

Marina State Beach

(CA)



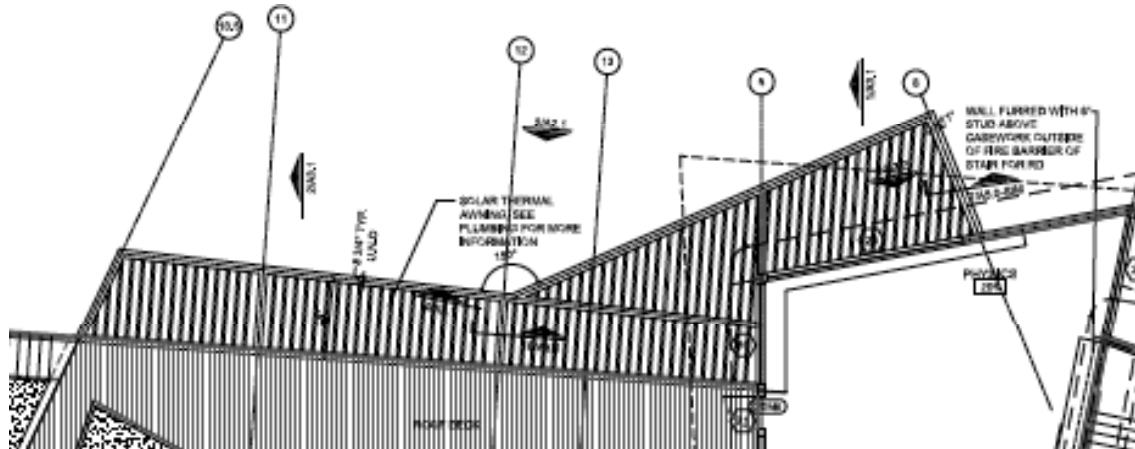
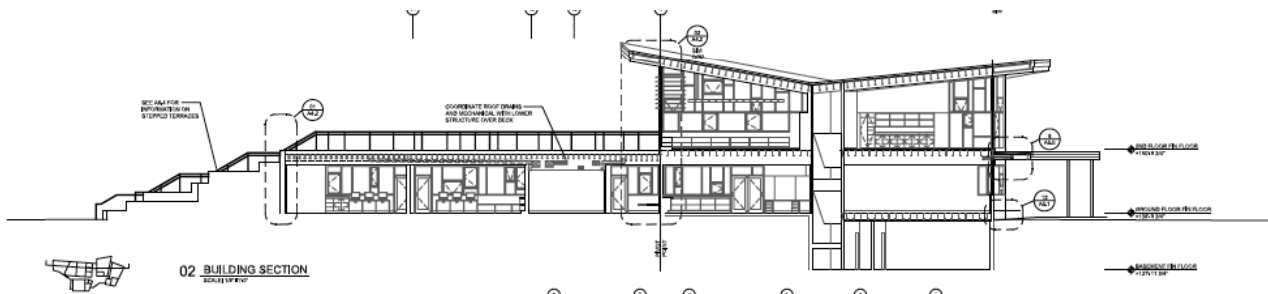
ACQUISITION & DEVELOPMENT DIVISION
 One Capitol Mall
 Sacramento, CA
 95814-3229



Educational Validation

Foote School in
New Haven

(CT)



Custom shades
increase efficiency,
reduce glare and
heat water

Residential Validation



Durand Drive in
Hollywood Hills

(CA)

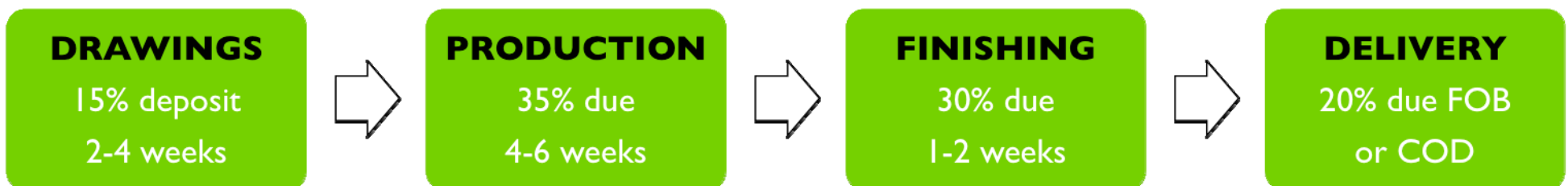
Highly designed
shades cool south
face and heat
residential water
systems

Process

PRE-SALE



POST-SALE





**Developer and manufacturer of
New Building Integrated Solar Systems**

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