New Directions



Is Green Architecture the Answer?

"A new indigenous architecture which responds to Florida's most valuable asset--location."

Green Design

Technological Strategies

- High Tech eg. Solar Panels that track the sun's movement
- Low Tech eg. Solar Water Heaters, Prefab wall systems

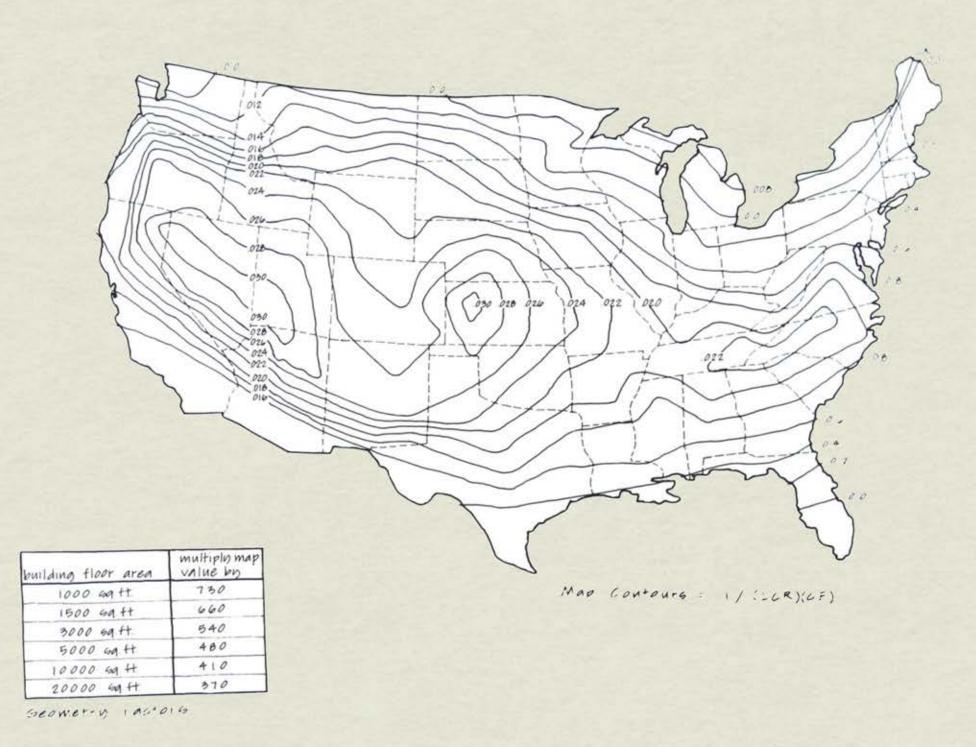
The Caveat: Its not easy being green. While anyone can implement technological strategies given enough money--they can be costly, and are therefore distant from the mass market, and broad market forces.

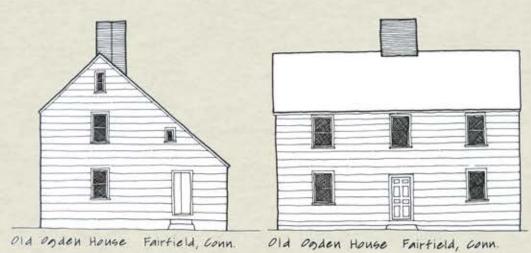
Green Design

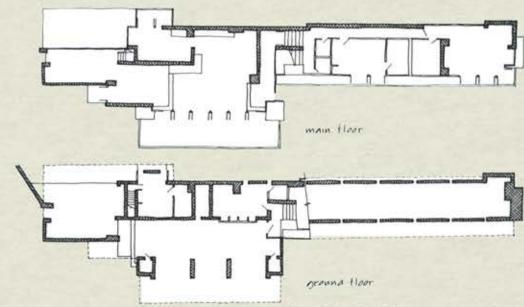
Passive Strategies

- Architectural eg. Static shading devices, cross ventilation
- No Tech eg. Site Design and Orientation

The Caveat: Requires attention and thoughtful design skill for local site conditions.



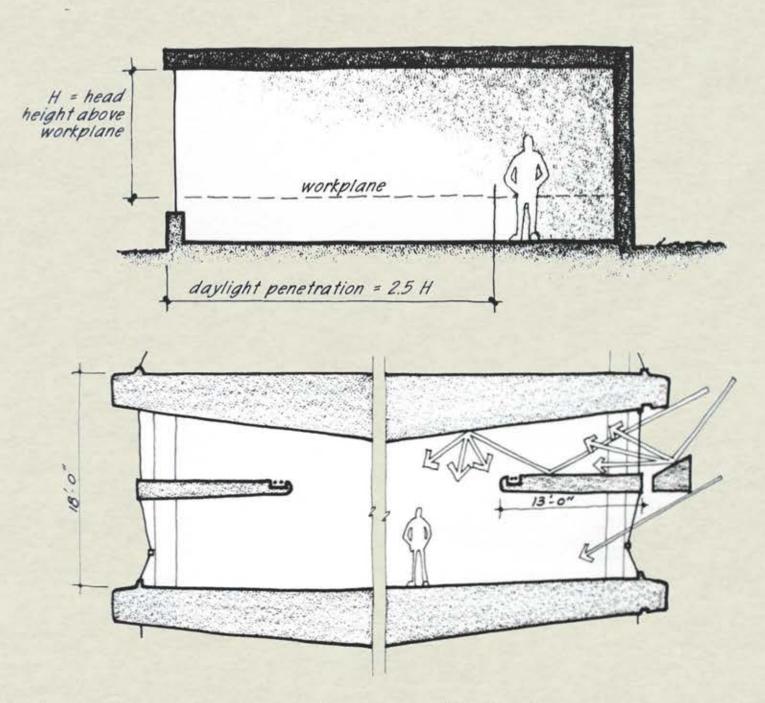


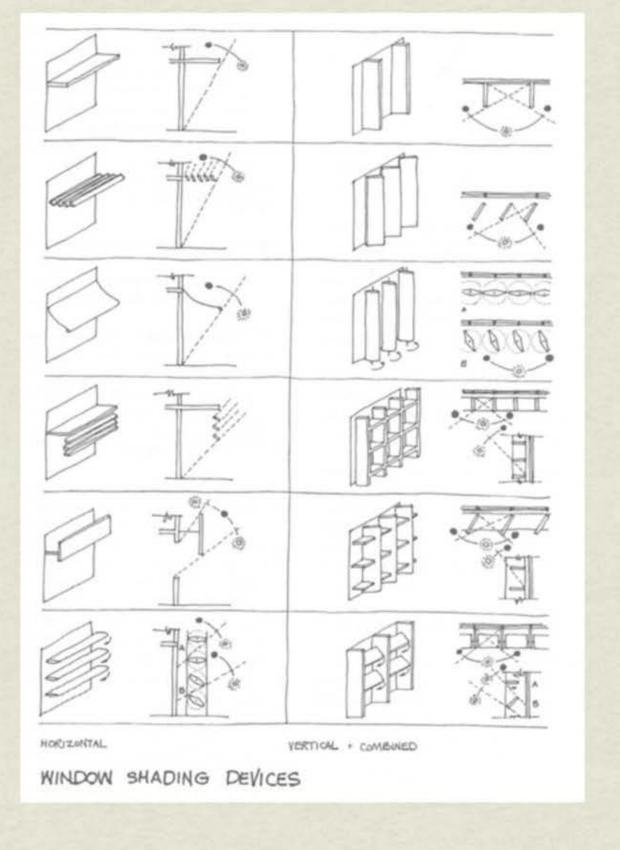


Lloyd Lewis House Libertyville, Illinois FL Wright

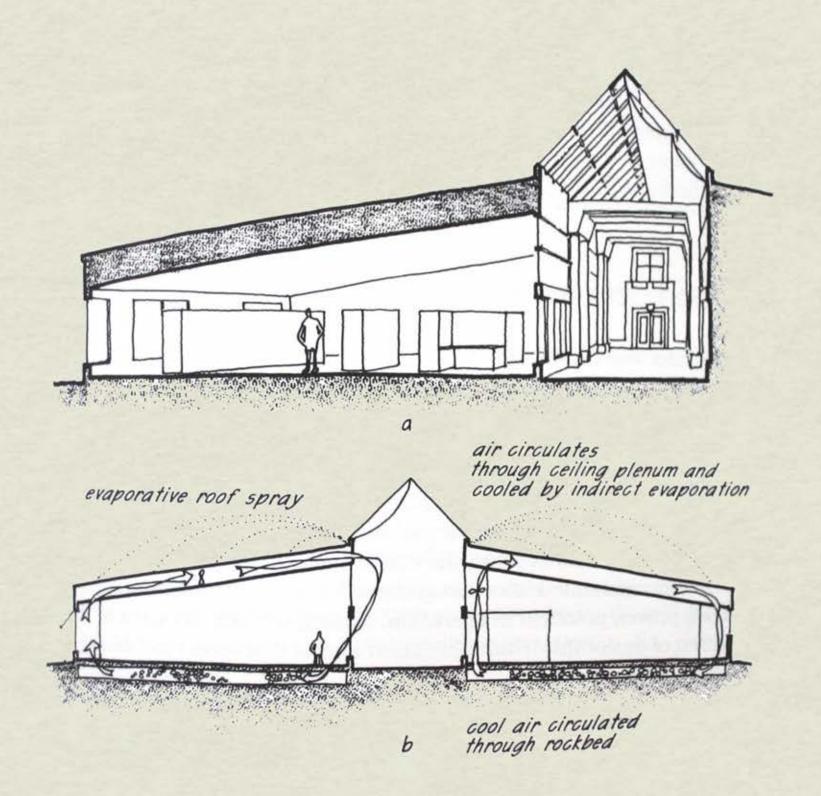
Architectural: Form & Footprint

GREEN DESIGN TOOLBOX





Architectural: Sun & Daylighting GREEN DESIGN TOOLBOX



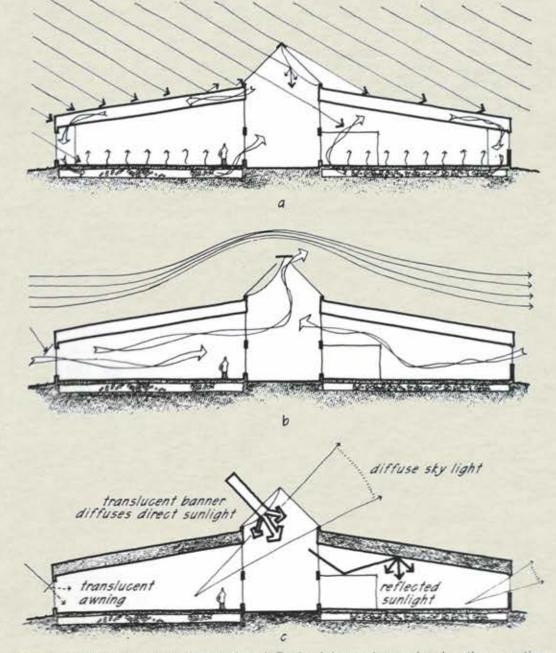
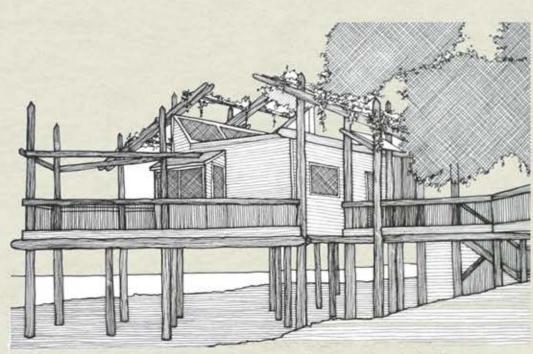
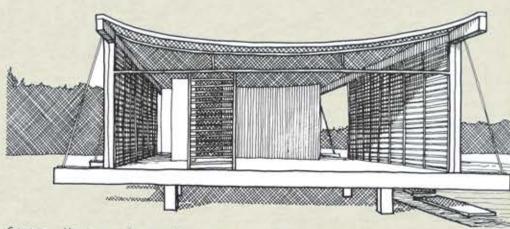


Figure 17.10: Princeton Professional Park: (a) passive solar heating section, (b) ventilative cooling section, and (c) daylighting section. (After Temoey et al., 1985.)

Architectural: Coalescence Of Elements

GREEN DESIGN TOOLBOX





amson Residence Sacramento, California Brent Smith

ruse Tuckon, Arizona Judith Chafee

Cacoon House Sarasota, Florida Paul Rudolph

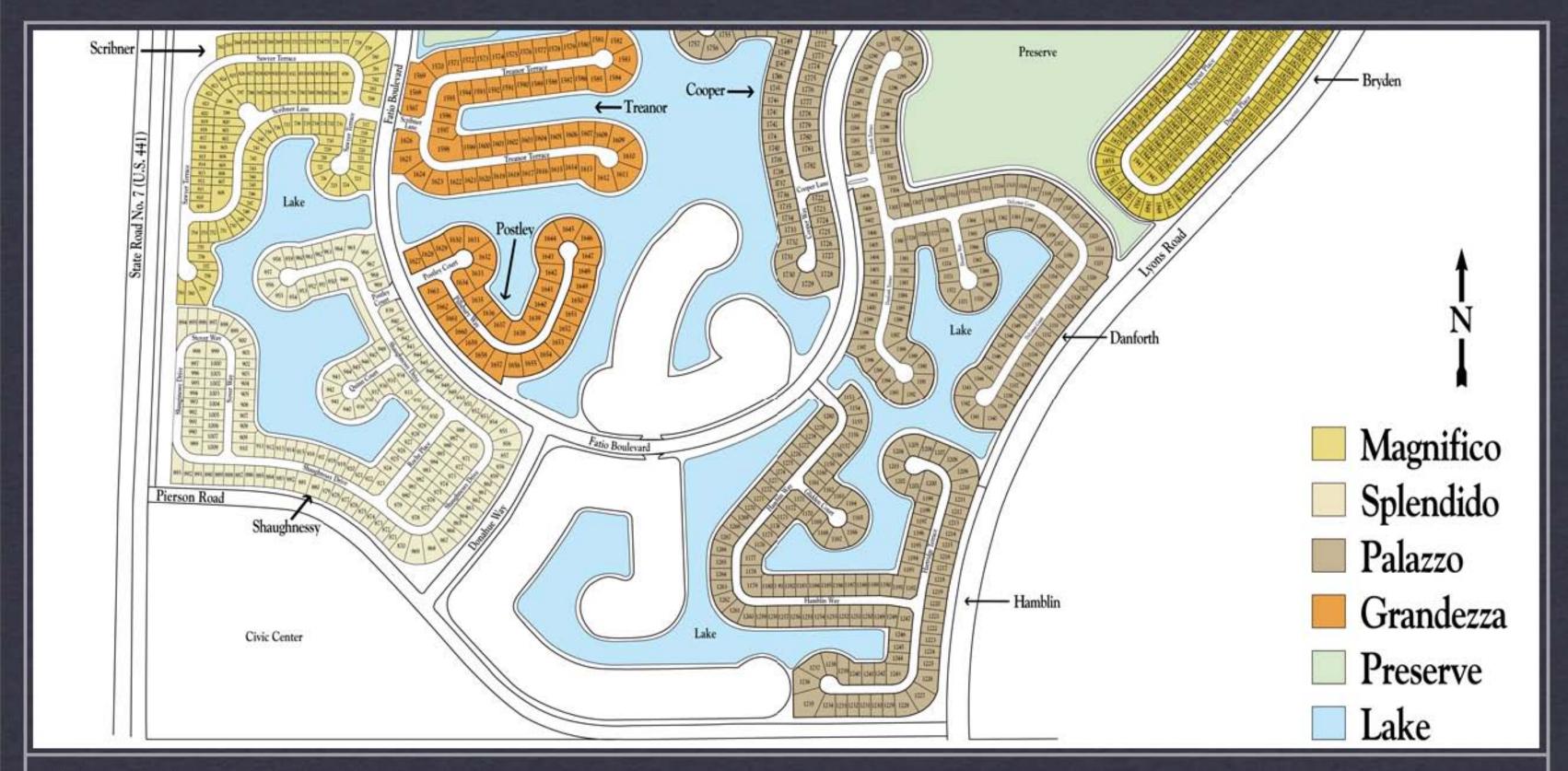
Architectural: Distinct Character

GREEN DESIGN TOOLBOX

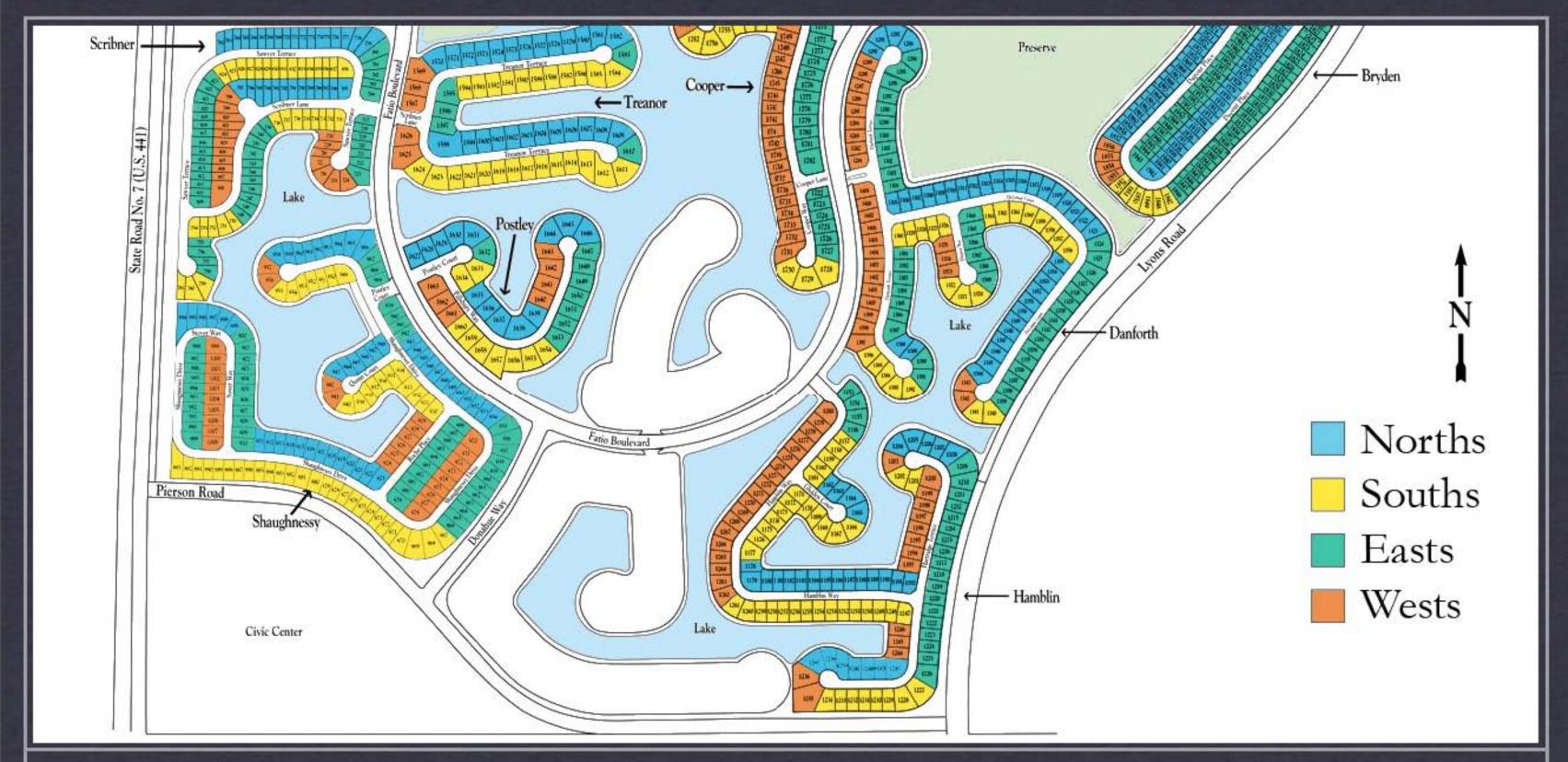
What is "No-Tech" Design?

- * Abstract concept that could differentiate us from our competition
- * Differentiate our clients from their competition
- * Not hard, but requires thought and thoughtful design
- * Includes:
 - Reduce: re-consideration of Site & Master Planning Techniques
 - Reuse: re-arrangement of parts already used
 - Recycle: marketing of old ideas in new way, re-price lots to maintain profit ratio
 - Goal: Mass Production of Light Green Design, with standardized parts, zero net change. Responds to the question: How can we start to make "green" affordable?

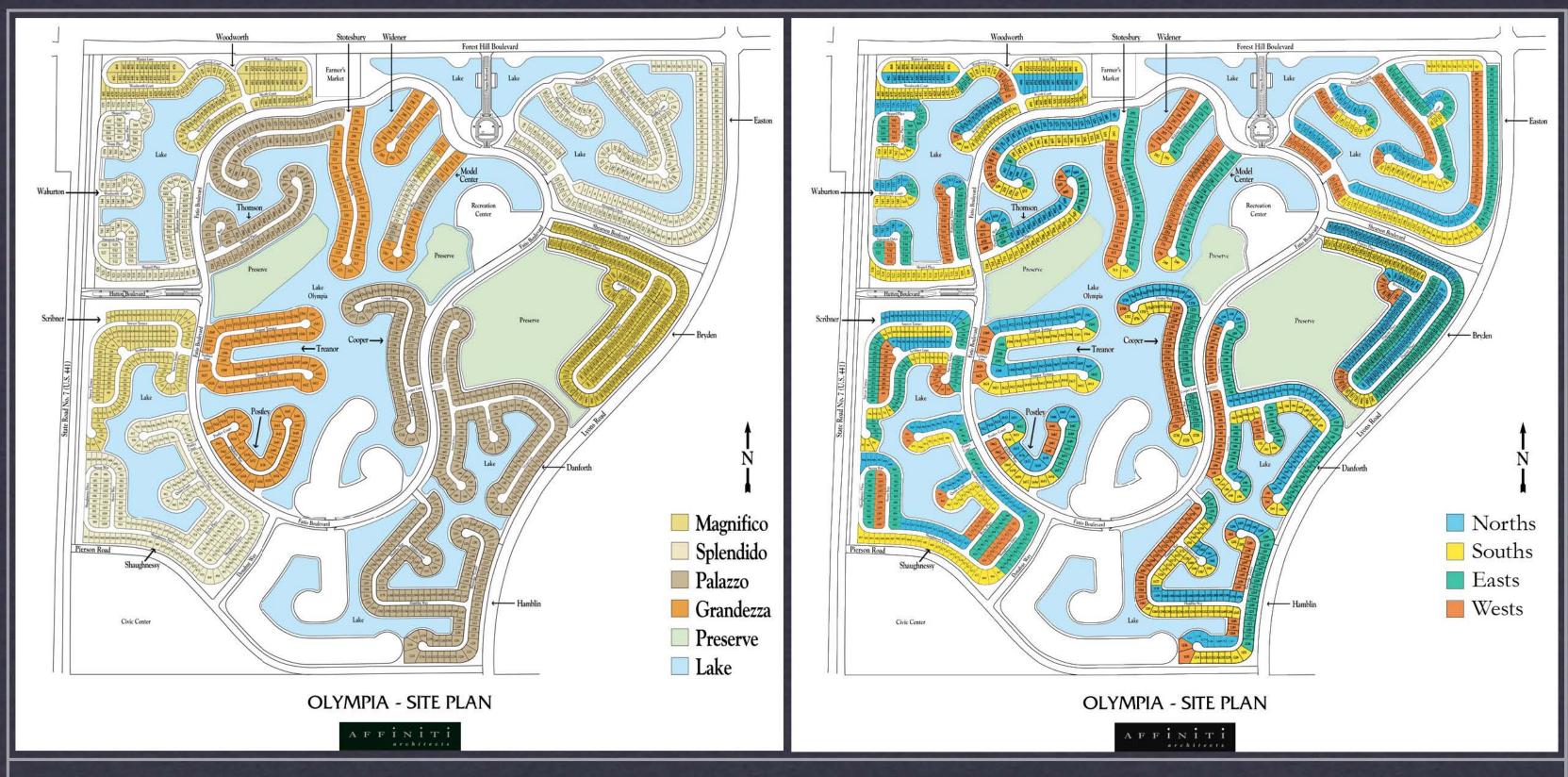
No-Tech



Traditional Marketing Strategy



"Green" Marketing Strategy

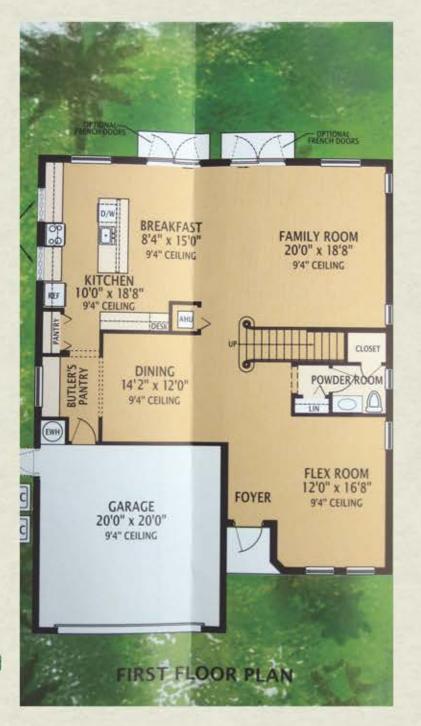


Marketing Comparison



MONTARA 4 ELEVATION B

- 2-Car garage protects house from South Exposure
- Traditional style facade, in typical Olympia kit-of-parts
- Typical 39'-10" Splendido Unit width
- Overhang to be increased to 1' to provide more shade to building during Summer
- North facing family and North facing court receives morning light, minimal glazing on west wall upstairs





Splendido Collection: North: "Montara"



- 3-Car tandem garage protects house from South Exposure
- Traditional style facade, in typical Olympia kit-of-parts
- Typical 39'-10" Splendido Unit width
- Overhang to be increased to 1' to provide more shade to building during Summer
- East facing family and North facing court receives morning light, Living and Garage protects house from harsh West light.



Splendido Collection: East: "Terraza"



- 3-Car tandem garage protects house from South Exposure
- Traditional style facade, in typical Olympia kit-of-parts
- Typical 39'-10" Splendido Unit width
- Rear Pergola would be standard on this unit orientation-lot cost would increase to make up the cost difference to builder.
- "Droopy Dogs" would be added to rear bedroom windows.
- Overhang to be increased to 1' to provide more shade to building during Summer

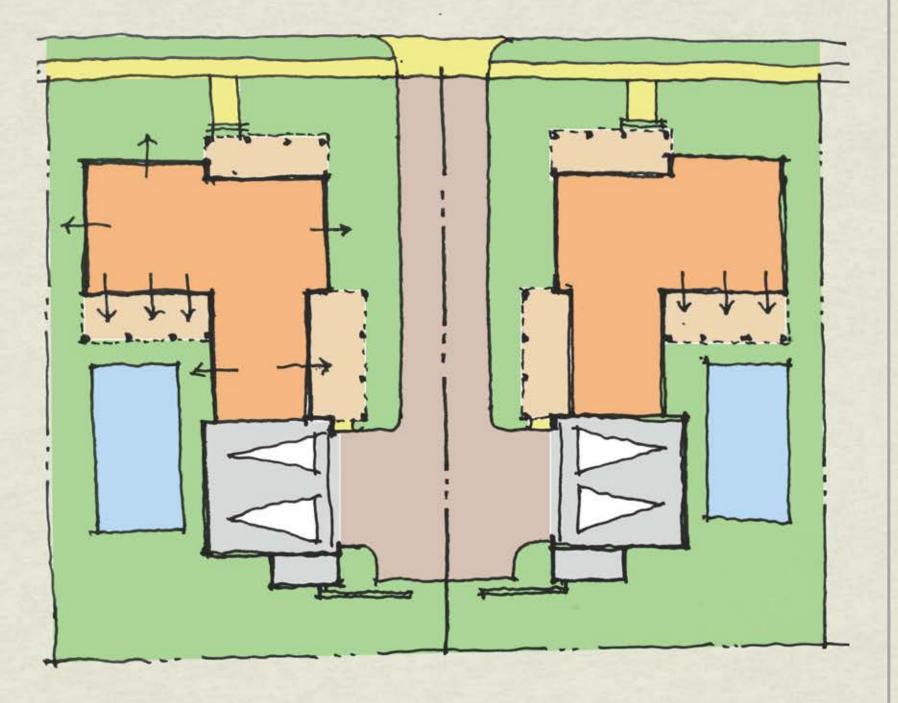




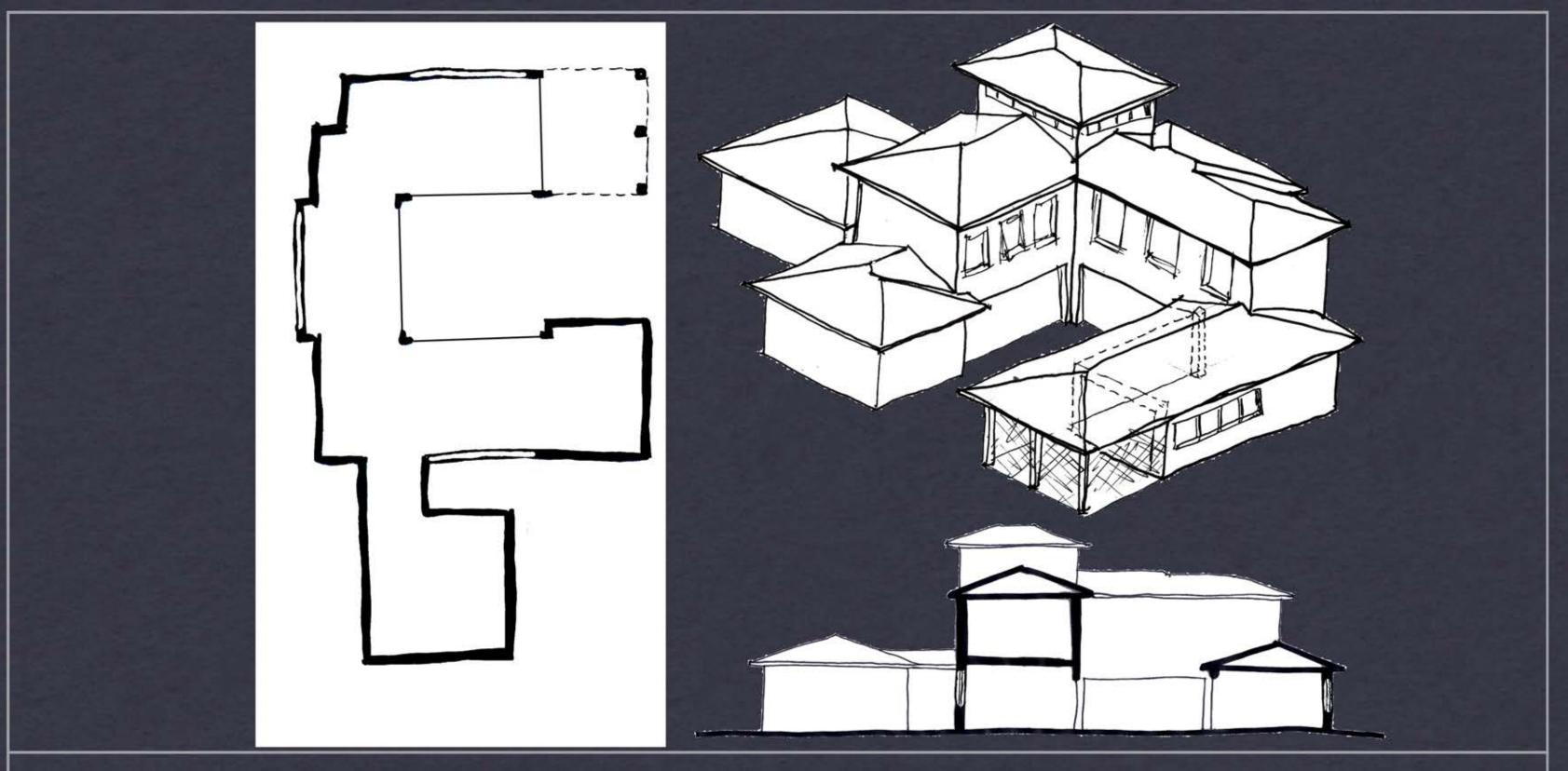
Splendido Collection: West: "Granada"



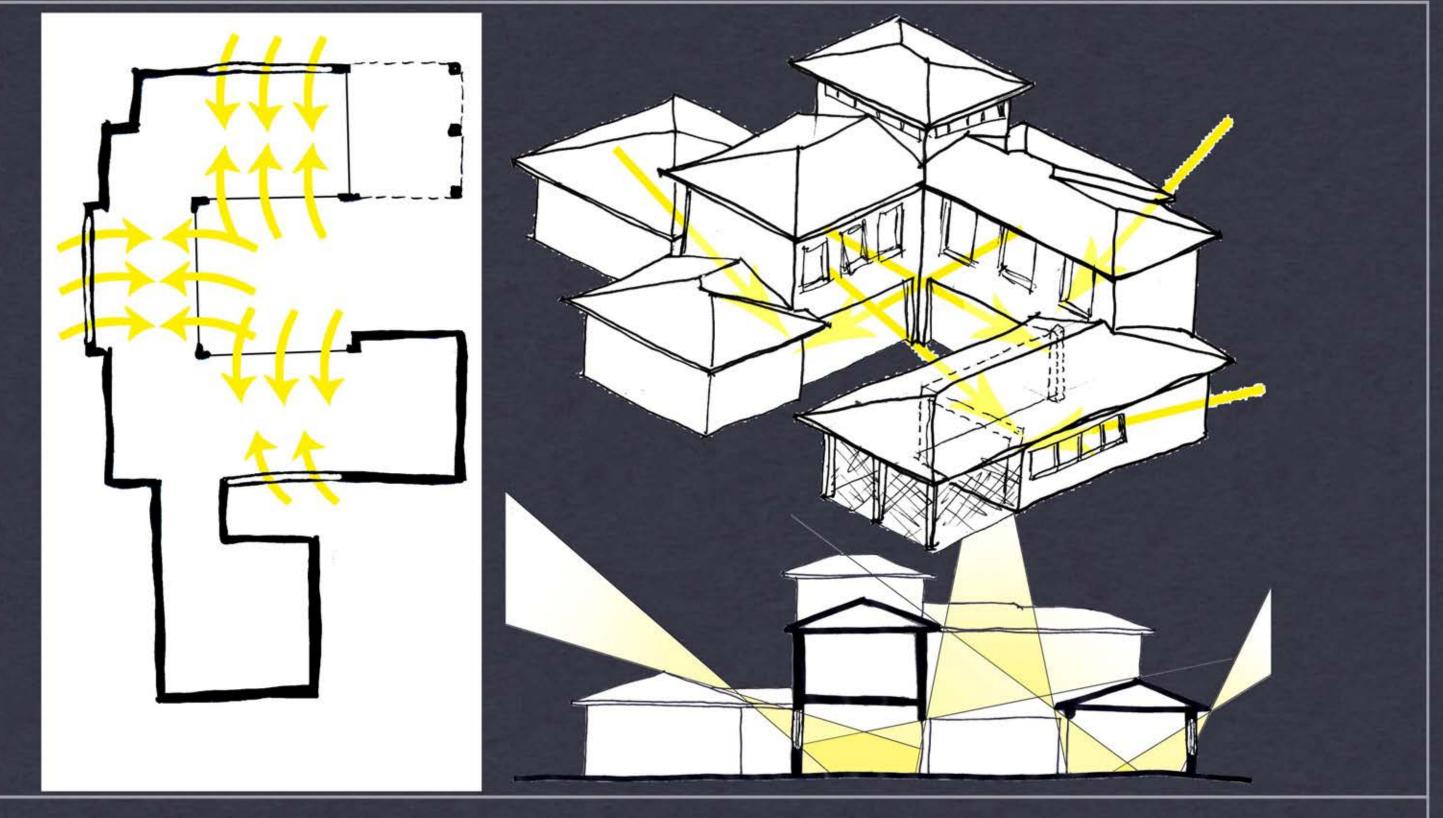
- "Stove-Pipe" shared drive allows for garage on southern exposure
- Traditional style facade, in typical Olympia kit-of-parts
- Typical 39'-10" Splendido Unit width
- Narrow Architectural Elements for light and views
- Deep porches on south facade provides shading and out door living space.
- Overhang to be increased to 1' to provide more shade to building during Summer



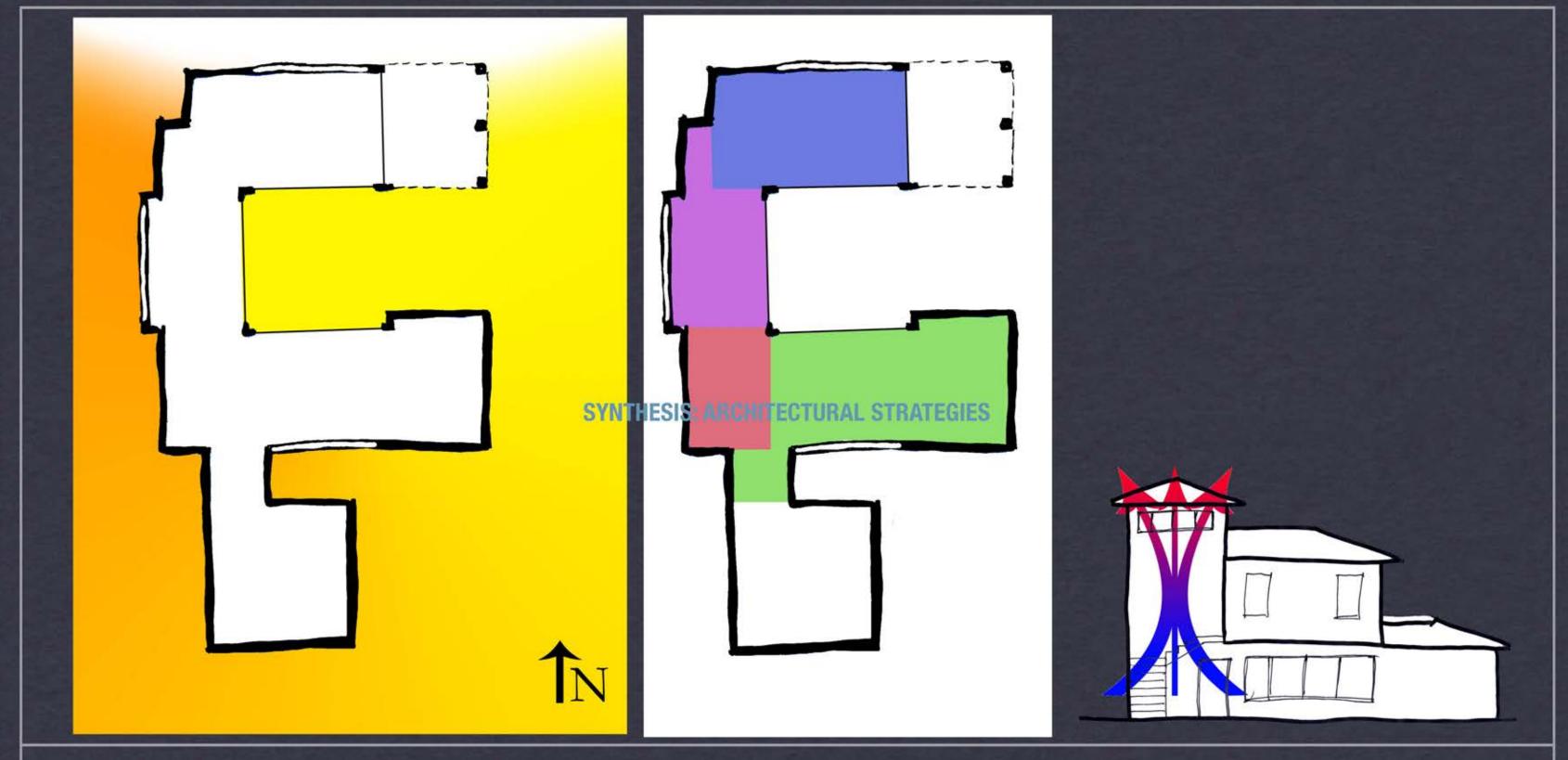
Splendido Collection: South: "Solaria"



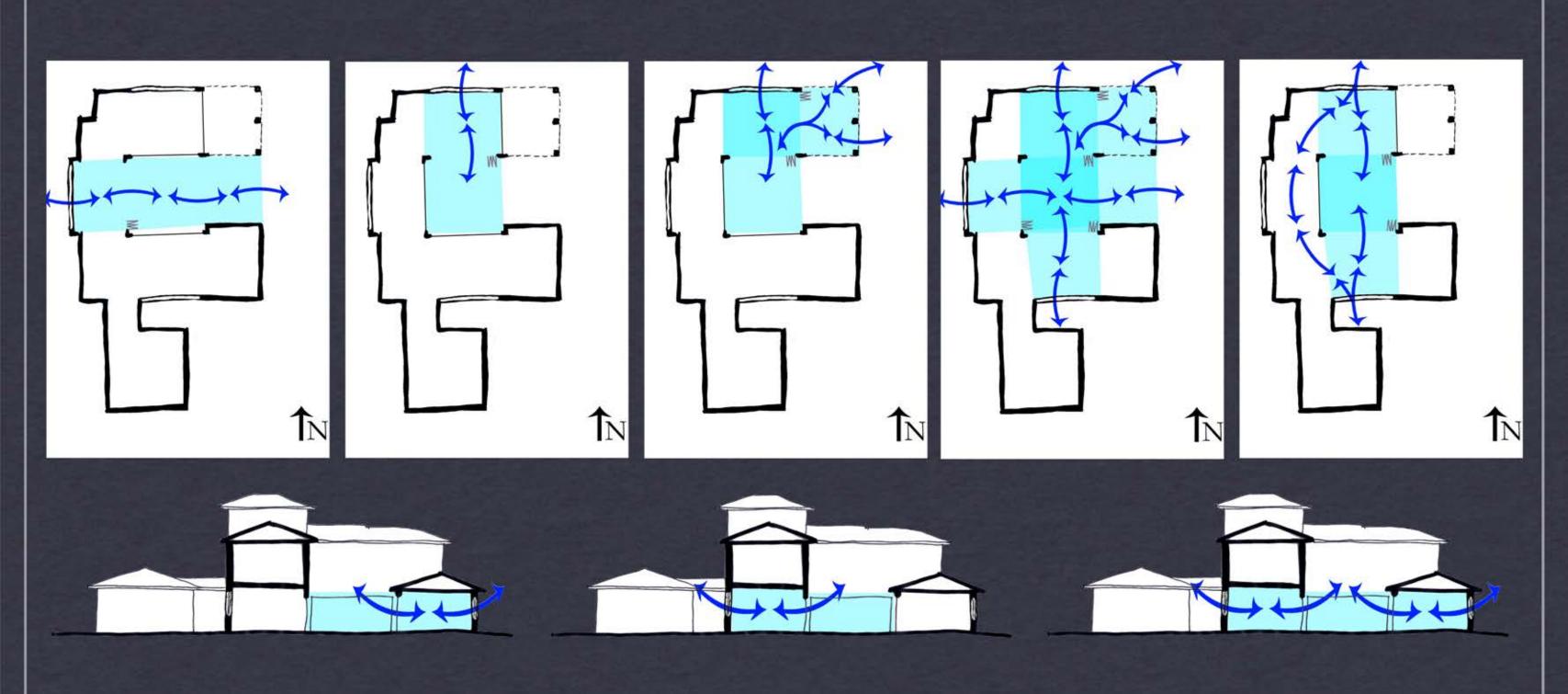
Initial Parti Study SYNTHESIS: ARCHITECTURAL STRATEGIES



Lighting Parti
SYNTHESIS: ARCHITECTURAL STRATEGIES



Environemental Parti synthesis: Architectural strategies



Cross Ventilation Parti

SYNTHESIS: ARCHITECTURAL STRATEGIES



PASSINE DESIGN NUTURES &



Eco-Modernism

SYNTHESIS: TECHNOLOGICAL STRATEGIES: NEW ARCHITECTURAL DIRECTIONS











SITE ORIENTATION



OUTDOOR LIVING



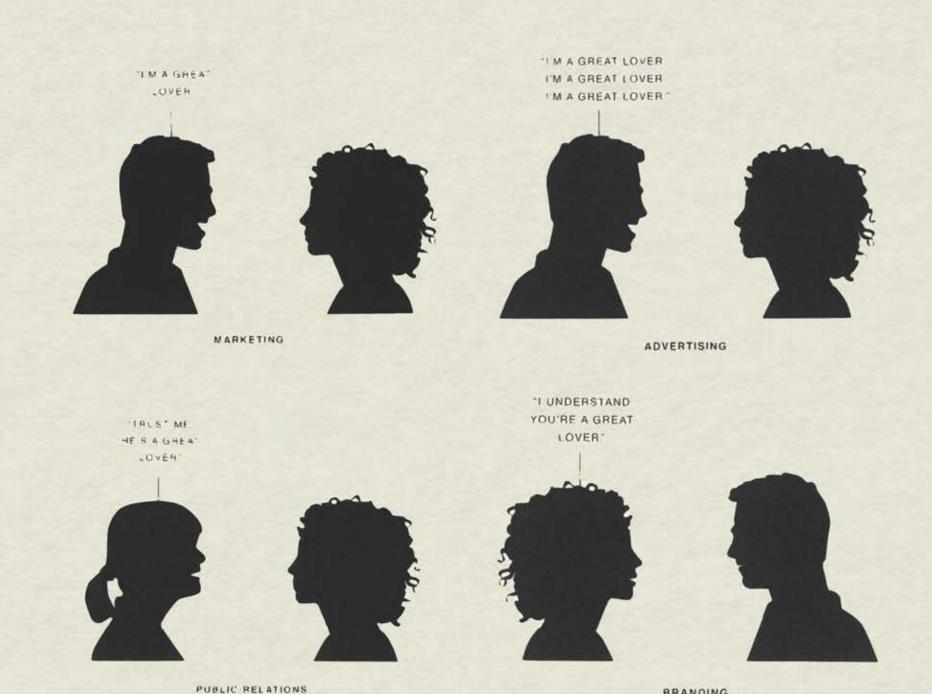
OUTDOOR LIVING

Eco-Modernism

SYNTHESIS: TECHNOLGICAL STRATEGIES: NEW ARCHITECTURAL DIRECTIONS

Conclusion

- * 'Green' or 'Sustainable Design' could be the next wave of architectural design in South Florida.
- * Opportunity to to lead a green renaissance in South Florida through the introduction of sustainable concepts through our builders, in the form of ZERO DOLLAR net cost increase.
- * Further development of the Affiniti Brand.



BRANDING

