HOLISTIC HOSPITALITY
balancing environmental & humanistic needs

RESEARCH
- Typology
- Location

FINAL DESIGN
- Technical

PROCESS
- Site analysis
- Conceptual design development
- Passive/active systems

QUESTIONS?
HOLISTIC HOSPITALITY
balancing environmental & humanistic needs
Problem Statement
How can innovation and social pedagogy transform the way tourism is conceived, developed and practiced?

The Claim
Innovated architectural design and social pedagogy can be used as a teaching tool for the emergence of a new social paradigm in the tourism industry.

Unifying Idea
Innovated pedagogical design that is experienced through exploratory and participatory involvement will change the demands for which tourism is conceived, developed and practiced.
pedagogical design:

the need to accommodate the scale of change in the professional practice with its new demands of requisite knowledge and skills that presents this generation of design pioneers with a new challenge.

**building educates - visitors challenge status quo - paradigm changes**
“We see a world of abundance, not limits. In the midst of a great deal of talk about reducing the human ecological footprint, we offer a different vision. What if humans designed products and systems that celebrate an abundance of human creativity, culture, and productivity? That are so intelligent and safe, our species leaves an ecological footprint to delight in, not lament?”

- William McDonough
Meeting the needs of humans, without compromising the future needs of the Block Island's occupants.

Efficient ventilation system to support the comfort and health of occupants.

Local food, materials and labor used to boost the economy of Block Island.

Water Conservation
Rainwater Harvesting System
Greywater Re-Use
Native Landscaping
Pedagogy Design
Interactive Water Collection System
Local Material Usage
Exposed Sustainable Systems

Energy Use Reduction
Geothermal Well Field
Cooling Roof Pond System
Double Skin Curtain Wall System
typology

Hotel, Restaurant and Event Center
Twelve Hotels Rooms, Fourteen Cabins
Hotel Spa
Event Center
Business Center
Restaurant and Bar

50,474 total square feet of building complex
Through innovative design techniques, create a different experience to the visitors than a traditional hotel.

Pay close attention to the surrounding environment, taking advantage of views, and respect the land.

Examine the environment and look into how architecture can shape the ways you see landscape. Extend my explorations of innovative pedagogical design to the site, and look at how architecture and landscape architecture can influence each other.
location

Block Island, Rhode Island
Block Island offers the vacationer what does not seem possible anymore - simple relaxation in a startlingly beautiful place. The Island is famous for its miles of free public beaches, sparkling clear water, dramatic bluffs, preserved open spaces, and fun-filled activities for visitors of all ages. "Block Island is "The last great place", ... - Tourism Council
PROCESS

- site analysis
- conceptual design development
- material/structural development
- passive/active systems
conceptual design development
Inspiration

Reflection

Existence

Stone wall is an artifact from the past. It acts as a foundation and separation between public & private.

Reflection

Building that works with water & land.

Water & land.
at

sea shell

SECTION

that works with

water & land

1 2 3
1 2 3
1 2 3

SPATIAL LAYOUT
material/structural development
What materials can compliment the landscape?
... are unique to Block Island?
... and create exploratory involvement with visitors?
Materials & Construction

Concrete - Autoclaved cellular concrete - most energy efficient storey exterior finish

Wired Stone Wall - local stone loosely packed in wired (steel?) mesh allowing light to pass through holes

Glass - tufted copper for aesthetics

Water Movement
How can the structure compliment building materials?
... will be economically practical?
... can enrich the overall design?
passive/active systems
Roof Pond - Summer (thermal panels placed over roof pond in winter)

- Need to add more structural support
FINAL DESIGN

technical
SUSTAINABLE SYSTEMS, CABIN

1. SOLAR POWER
2. RAIN WATER COLLECTION
3. MINIMAL FOOTPRINT
4. GRAY WATER RE-USE
5. NATURAL VENTILATION
6. GEOTHERMAL SYSTEM
7. VERTICAL COIL FAN
QUESTIONS?