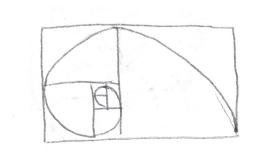
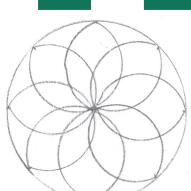
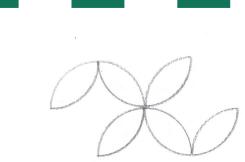


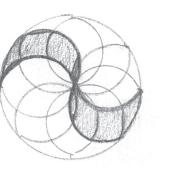
HEALING BY THE SEA: AN EMPIRICAL STUDY INTO BIOPHILIC DESIGN

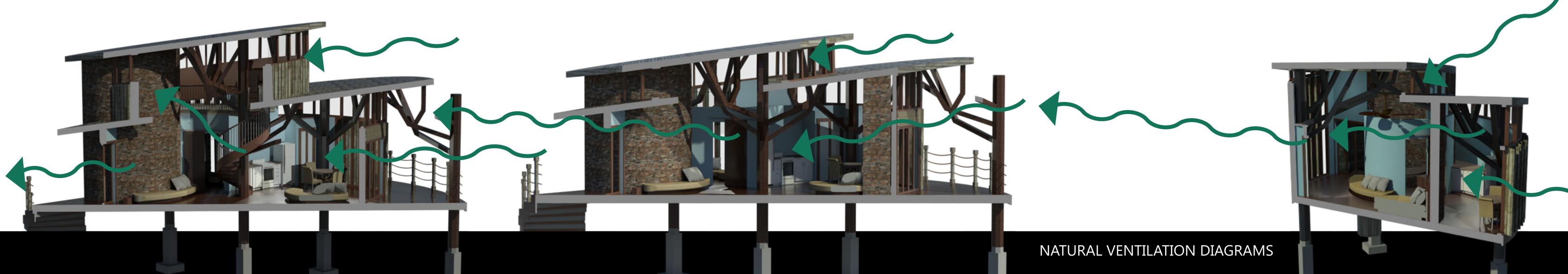




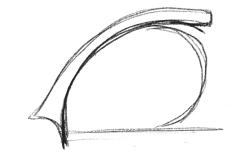






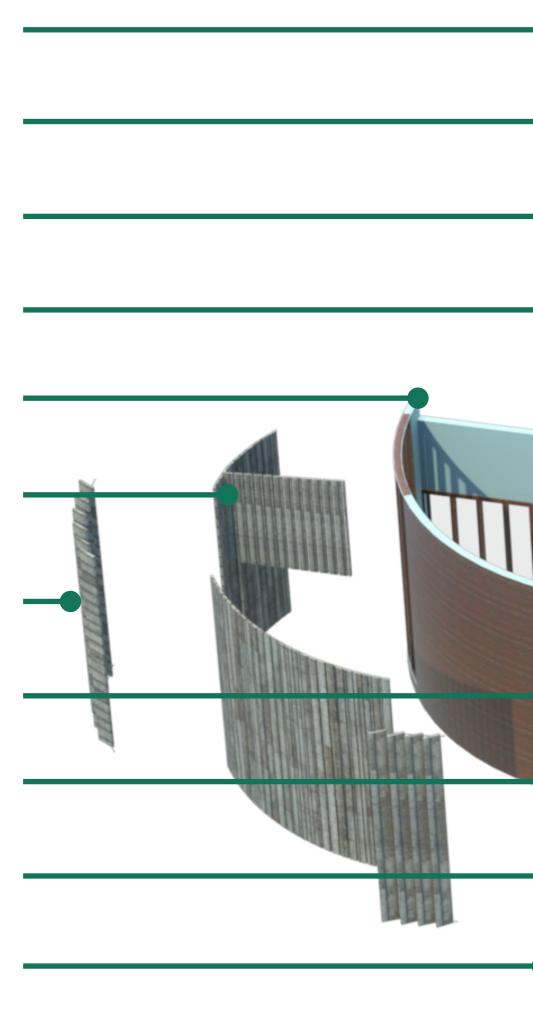












PALM THATCH ROOF COVERS

WOOD DECKING

2 X 4 WOOD BEAM SUPPORTS

OPERABLE CLEARSTC

2 X 6 INSULATED WOOD STUD WALL

EXTERIOR WOOD SIDE FINISH

SUN SHADE LOUVERS

2 INCH WOOD FLOOR DECKING

2 X 10 FLOOR JOISTS

JOIST HANGERS

TREE COLUMNS

CONCRETE FOOTINGS

WATER, ELECTRICAL, AND WASTE

PASSIVE SYSTEMS

OPERABLE CLEARSTORIES AND RETRACTABLE FRONT/BACK DOORS ENHANCE NATURAL VENTILATION BY HARNESSING LOCAL TRADE WINDS

EXTERIOR WOOD LOUVERS PROVIDE SUN SHADE AND PRIVACY

ROOF THATCHING ADDS INSULATION TO HELP COOLING

POOL AND SEA PROVIDE EVAPORATIVE COOLING

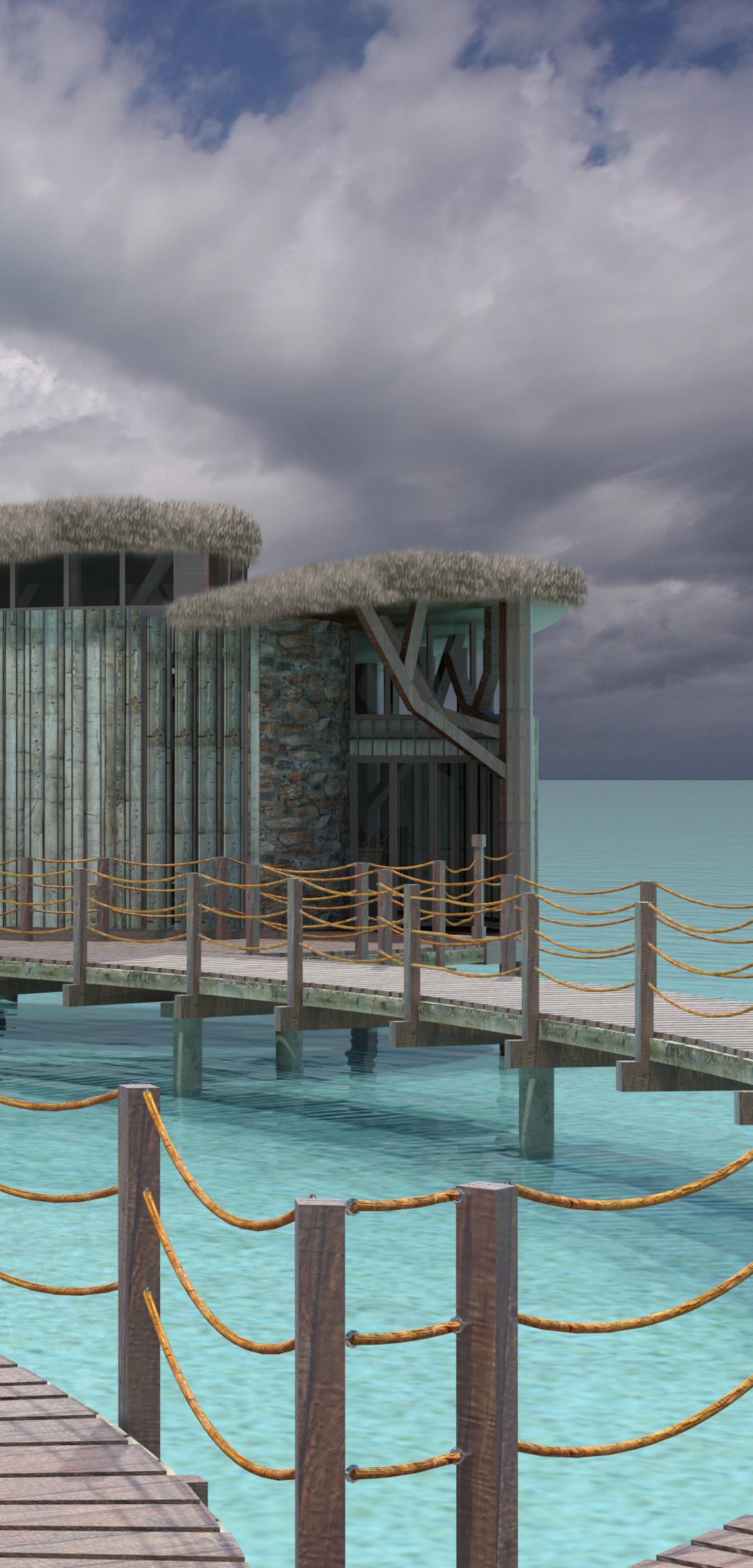
RESORT MASTER PLAN

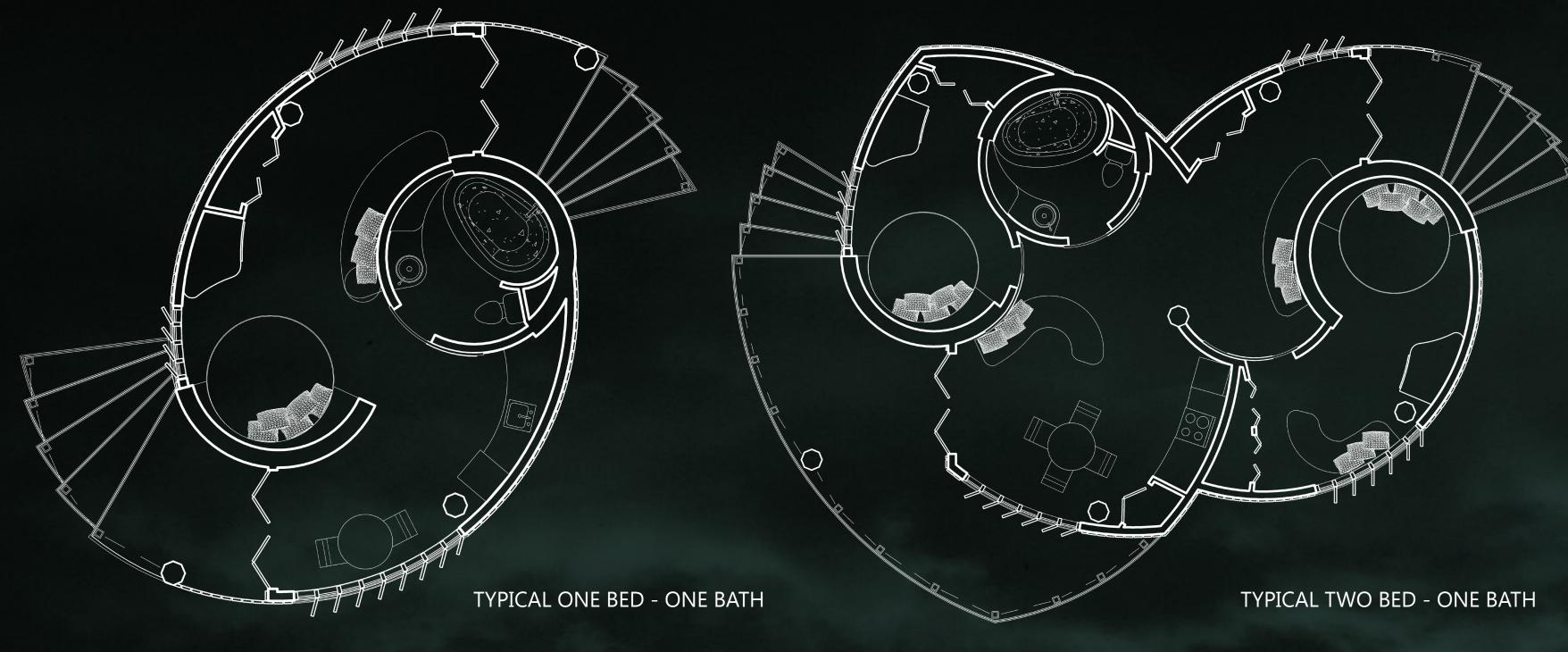
01	LOBBY
02	FRONT DESK
03	ORGANIC STORE - LOCAL MARKET
04	ADMINISTRATION BUILDING
05	PUBLIC RESTROOMS
06	MULTI-PURPOSE SPACE
07	ACTIVITIES OFFICE
08	RESTAURANT
09	STAFF ROOM
10	LAUNDRY FACILITIES
11	LANDSCAPE AND MAINTENANCE
12	STAFF HOUSING
13	FACILITY MAINTENANCE AND SUPPORT
14	TENNIS COURTS
15	CENTRAL LOUNGE
16	POOL(S)
17	JACUZZI SPA
18	MEDITATION AND SPA
19	BOAT DOCK
20	COURTYARD
21	RESORT PARKING
22	PRIVATE BEACH
23	CARIBBEAN SEA NT

TO WHAT EXTENT CAN BIOMIMICRY BENEFIT OCCUPANTS OF A TROPICAL BIOPHILIC DESIGN?

Biomimicry (from *bios*, meaning life, and *mimesis*, meaning to imitate) is a design discipline that seeks sustainable solutions by emulating nature's time-tested patterns and strategies. The core idea is that Nature, imaginative by necessity, has already solved many of the problems we are grappling with: energy, food production, climate control, non-toxic chemistry, transportation, packaging, and a whole lot more (Benyus, 2012).

The focus of this project lies in the relationship between the built structure and the natural world. In more detail, how biophilic design can effect those who use it and the environment in which it is located. Biophilc design is defined as "the deliberate attempt to translate an understanding of the inherent human affinity to affiliate with natural systems and processes - known as biophilia - into the design of the built environment" (Kellert, Heerwagen, & Mador, 2008).









TYPICAL THREE BED - ONE BATH LOFTED SUITE

PLAN	SCALE	
0'	7′	14'

10 10

TYPICAL LOFT SUITE



TYPICAL CARIBBEAN VIEWS

ARCH 772 DESIGN THESIS SPRING SEMESTER 2012 ASHLYNN RENAE ZEIEN BAKR ALY AHMED REVIT, 3DS MAX, INDESIGN PHOTOSHOP, ILLUSTRATOR

IL CALCELE

IIII

H

