

# HELP

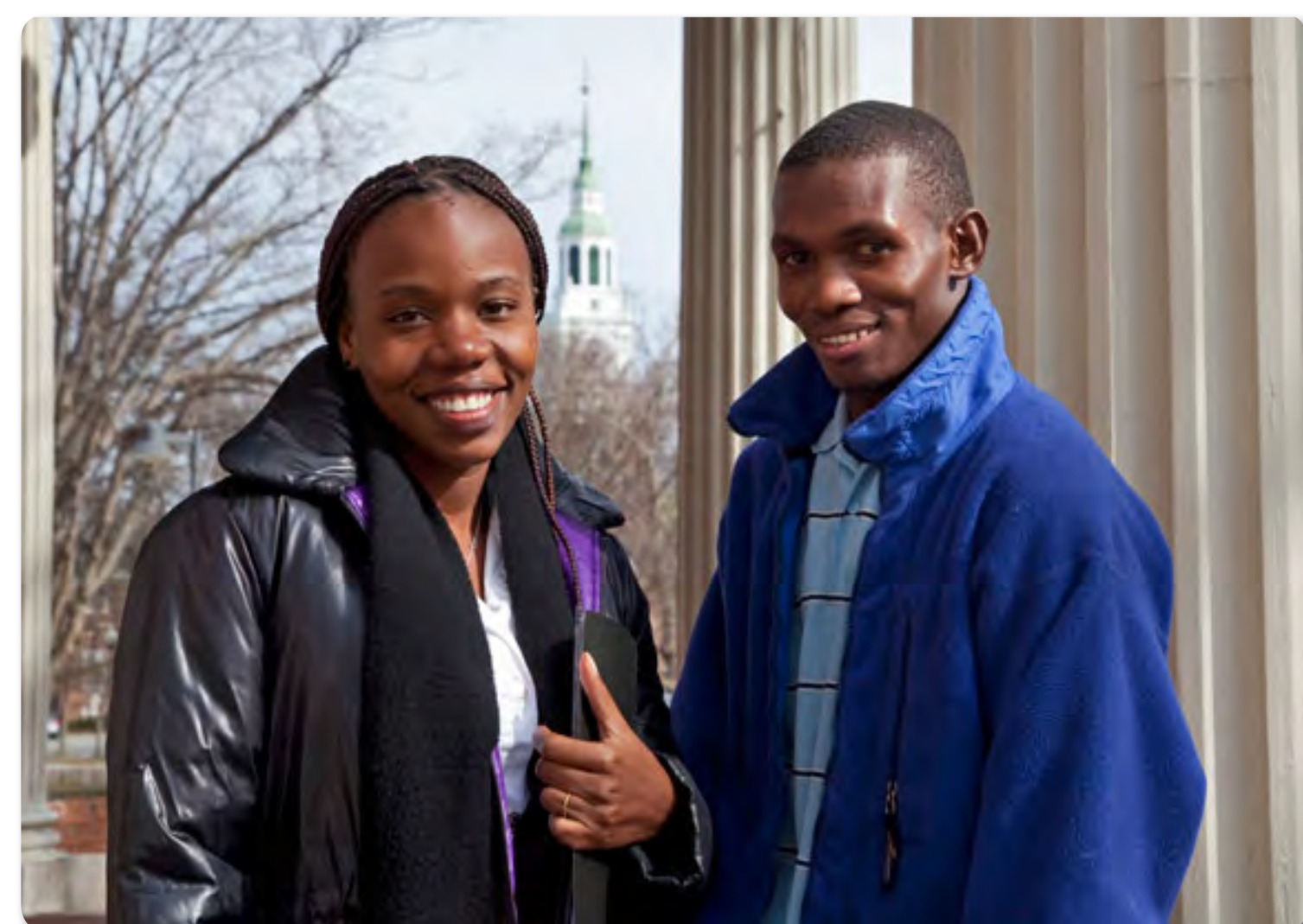
Since the 2010 earthquake Dartmouth has hosted seven students from the Haitian Education and Leadership Program (HELP). HELP's mission is to create, through merit and needs-based scholarships, a community of young professionals and leaders who will promote a more just society in Haiti. HELP envisions a Haiti where every Haitian has access to quality education, the opportunity to live up to his or her potential, and the ability to contribute to a just and prosperous society. Most Haitians are denied access to education, resulting in the lowest school enrollment rates in the Western Hemisphere. Haiti's university enrollment rate is less than 1%. HELP's scholarships and leadership training provide high-achieving students with their only opportunity to fulfill their academic potential, become productive citizens and agents of change. HELP graduates command substantial salaries that enable their entire family to join the educated class. Helping one person earn a university degree can break the cycle of poverty for an extended family.



*Dartmouth team visited the HELP Center, September 2012*



*HELP student Emmanuela Delsoin with friends on Mt. Moosilauke*  
Photo courtesy TDC



*HELP students Daphnee Charles and Ronel Lefranc at Dartmouth*  
Photo Joseph Mehling

# Artists Institute



*The Iron Market Jacmel*



*The Artists Institute campus*



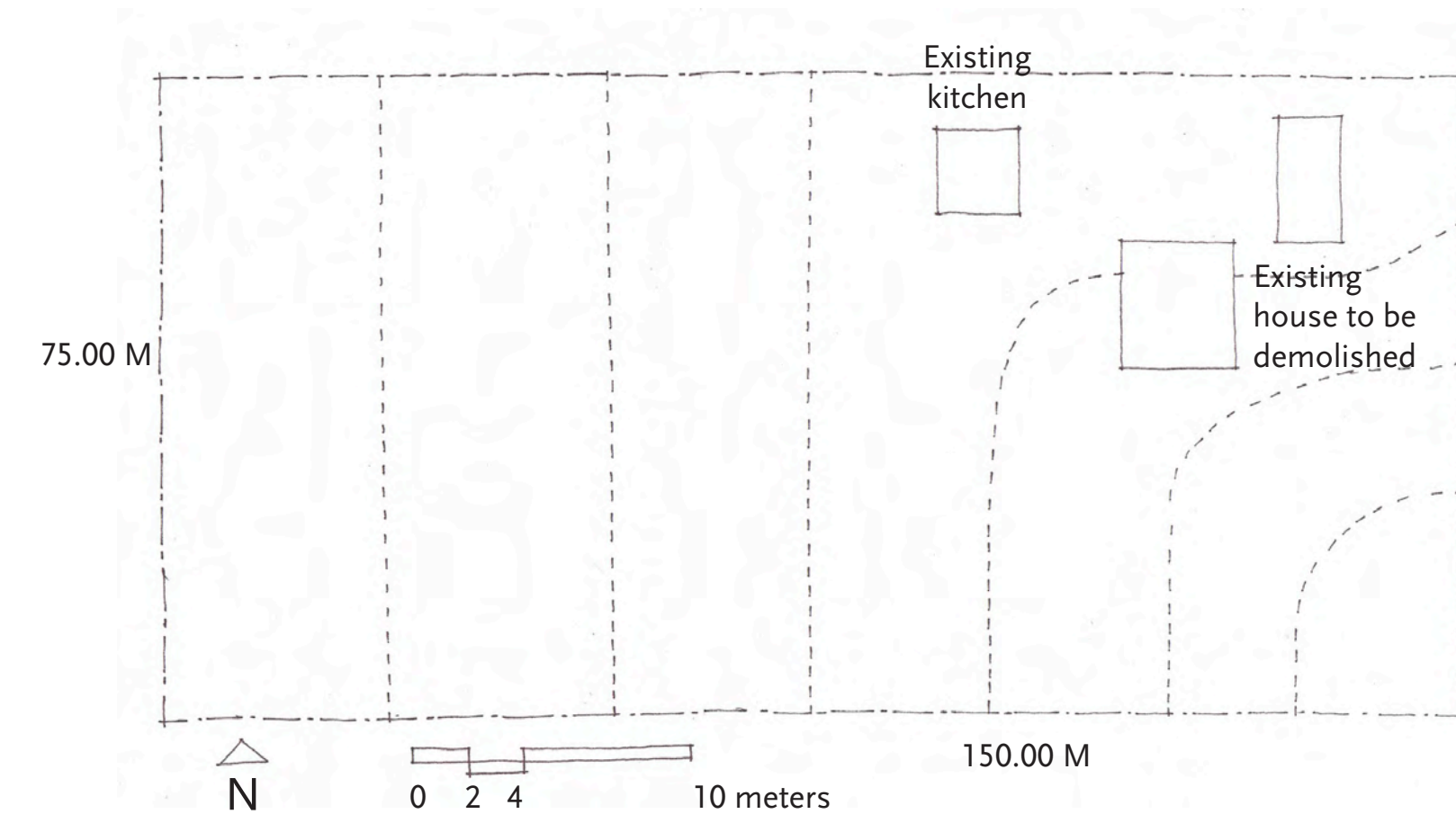
*The Artists Institute campus*

Located in Jacmel, the cultural capital of Haiti, The Artists Institute is a free college for art and technology. The organization is a partnership between Cine Institute and Artists for Peace and Justice. The existing film division, Cine Institute (est. 2008) has already resulted in 300 jobs for its students, a significant achievement given Haiti's limited job opportunities. The program is currently focused on film and video but projected to offer programs on music production and audio engineering in Fall 2012. Additional programs in digital art, design and artisanal production are also planned. The Artist's Institute's mission is to educate and empower Haitian youth who seek the creative, technical, and business skills necessary to grow local media and arts industries that can provide jobs and spur economic growth in their communities. The Artists Institute is closely associated with FOKAL and HELP two of Dartmouth's partners in Haiti. The college is currently investigating ideas around collaborations between the Artists Institute and the Tuck School of Business and other organizations and departments on campus.



# Fond des Blancs Prototype Houses, **Kay Peyi**

Dartmouth is currently working in partnership with the St. Boniface Haiti Foundation to build two prototype houses in the community of Fond des Blancs during late summer and early fall of 2013. The families that will benefit from this construction were chosen by the community. The design for these houses was the outcome of the prototype design workshop held at Dartmouth in 2012. Those plans were taken back to the community and modifications were made to the design based on that feedback. The aspiration is to bring cost down as low as possible and to investigate the possibilities to scale up construction to build one hundred houses in the surrounding community over the next five years.



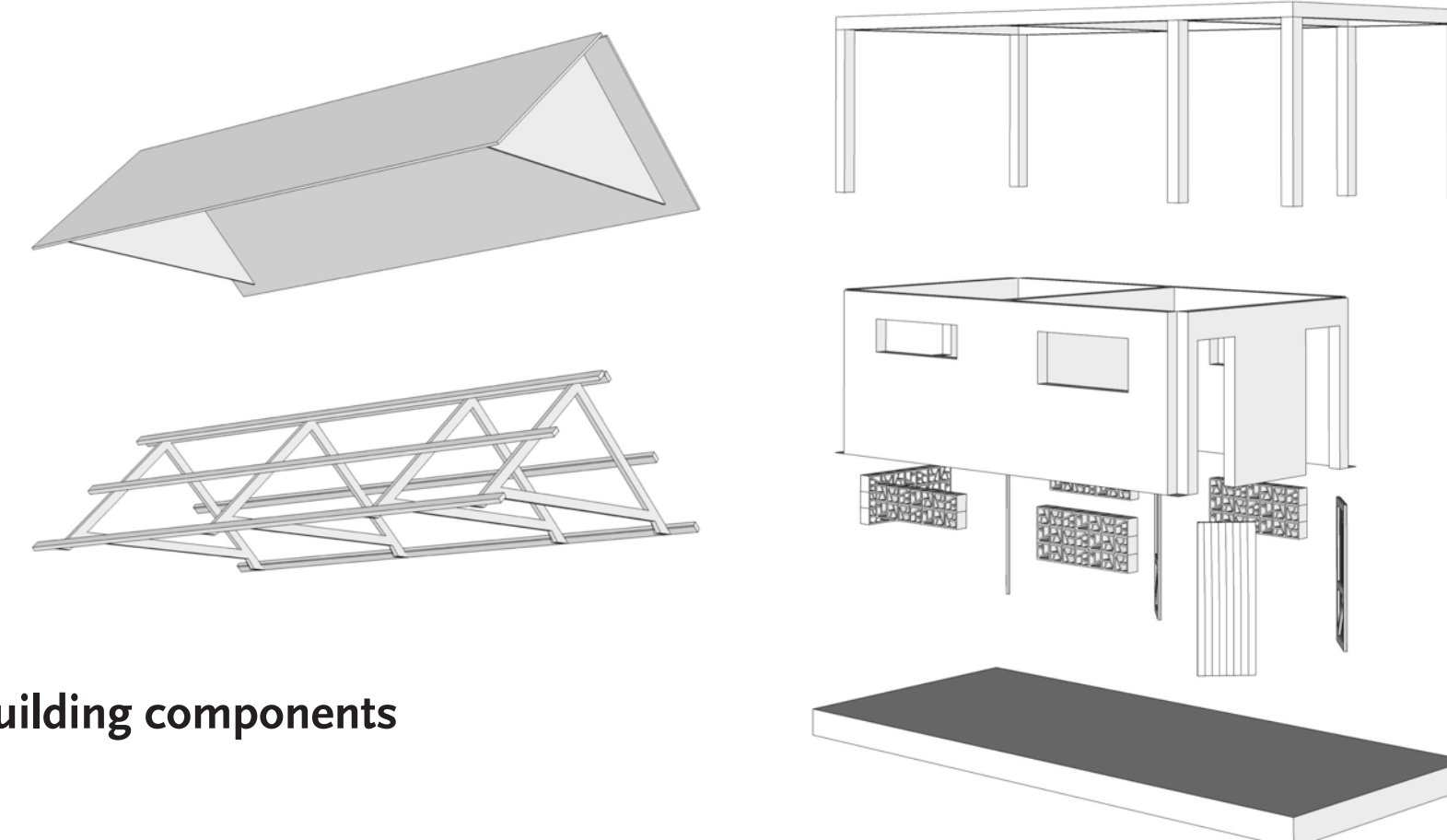
Site Plan: Honoreax Household



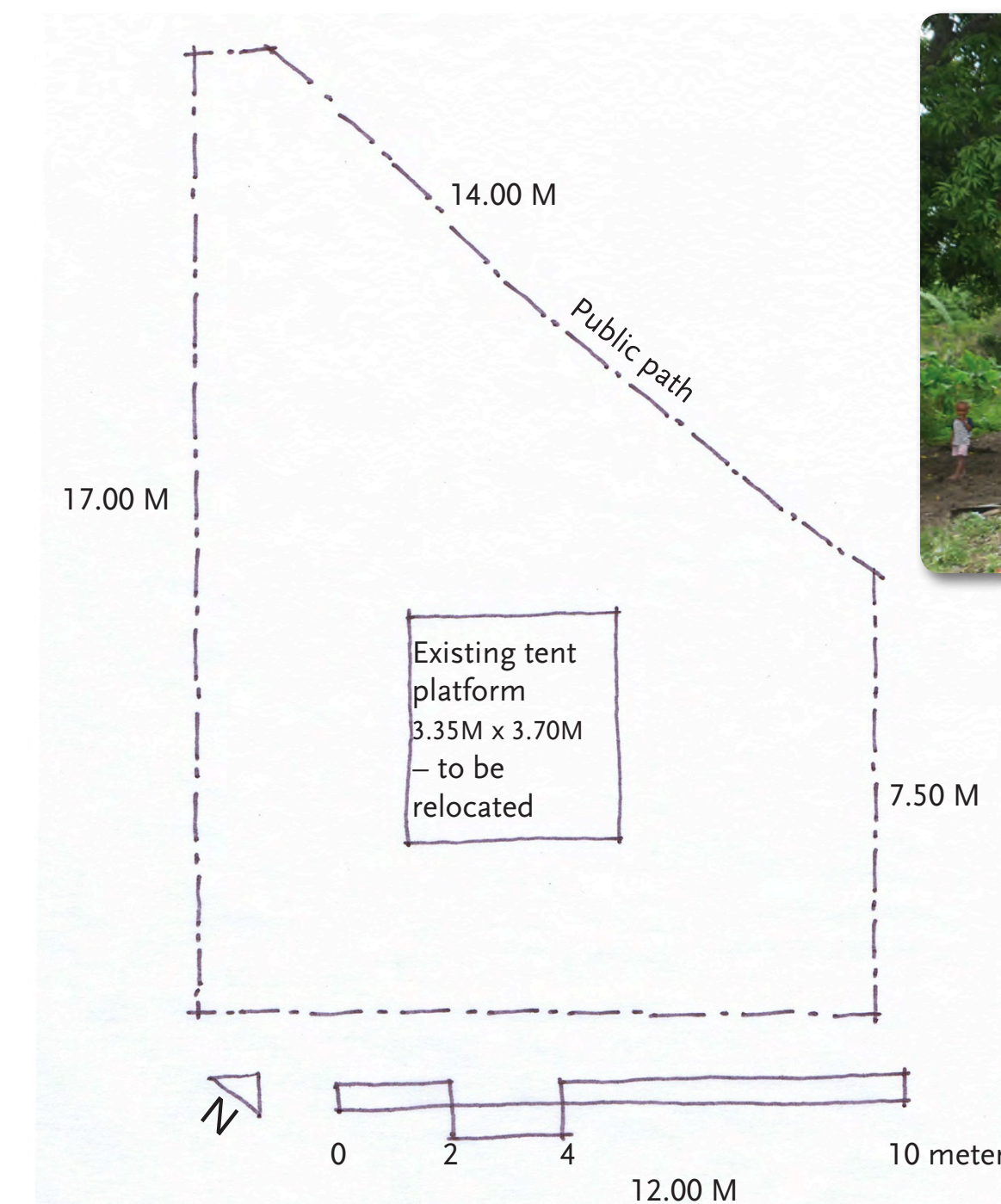
Site



Marie France Honoreux and family



Building components



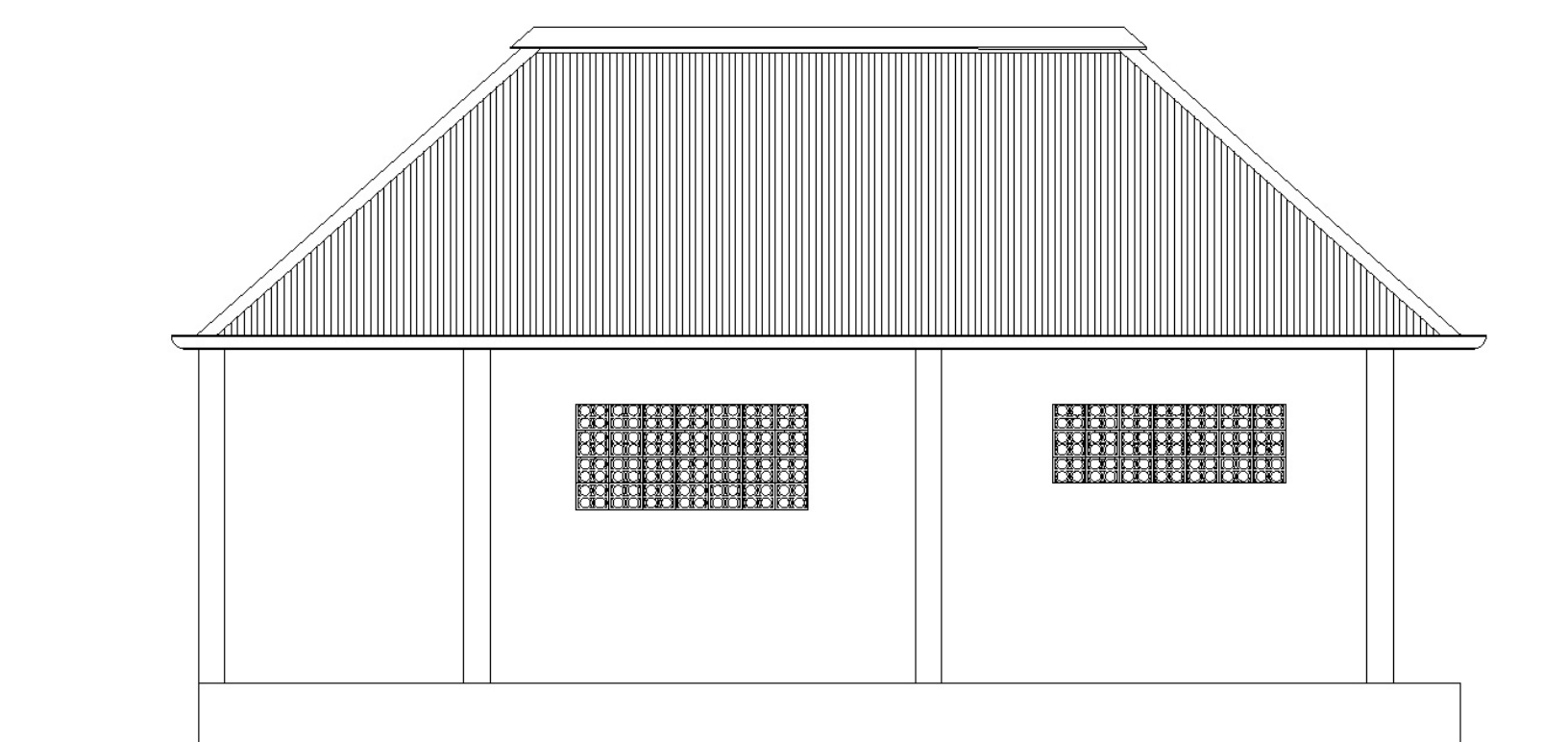
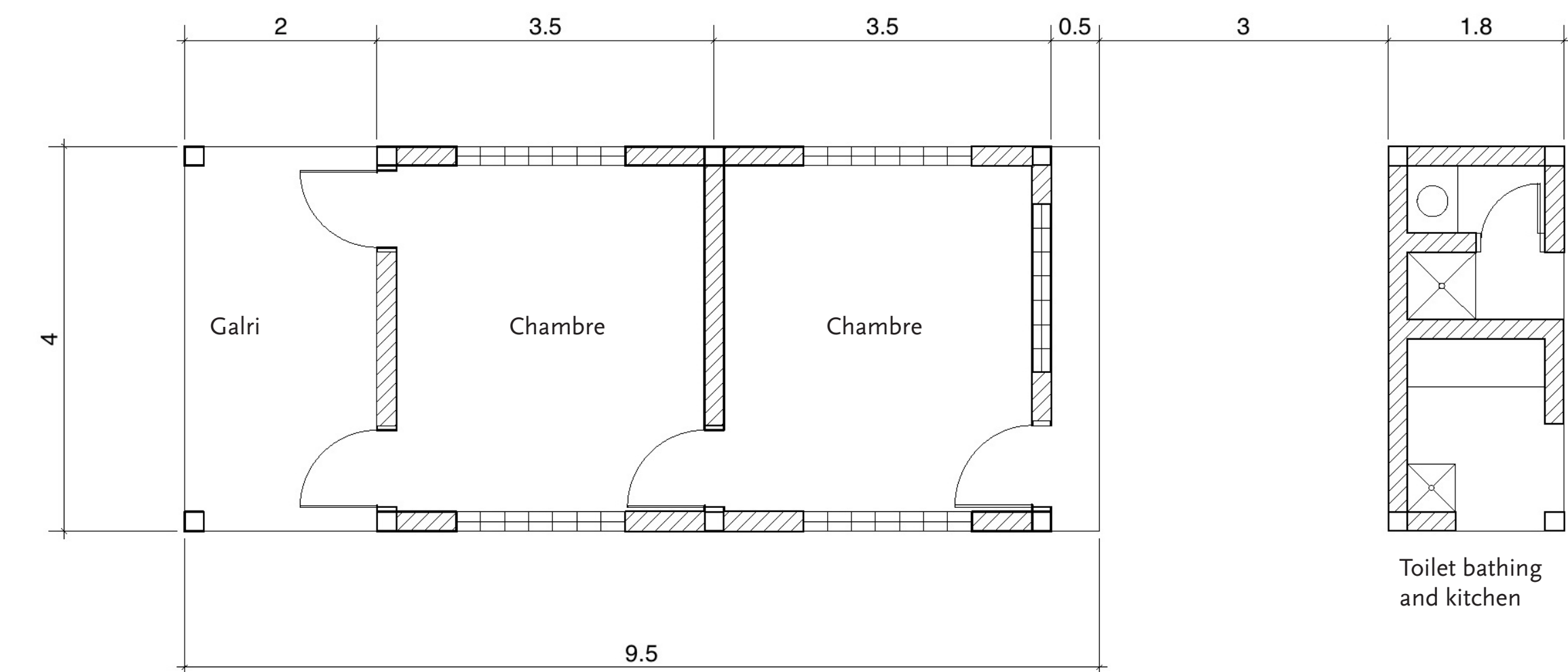
Site Plan: Caximy Household



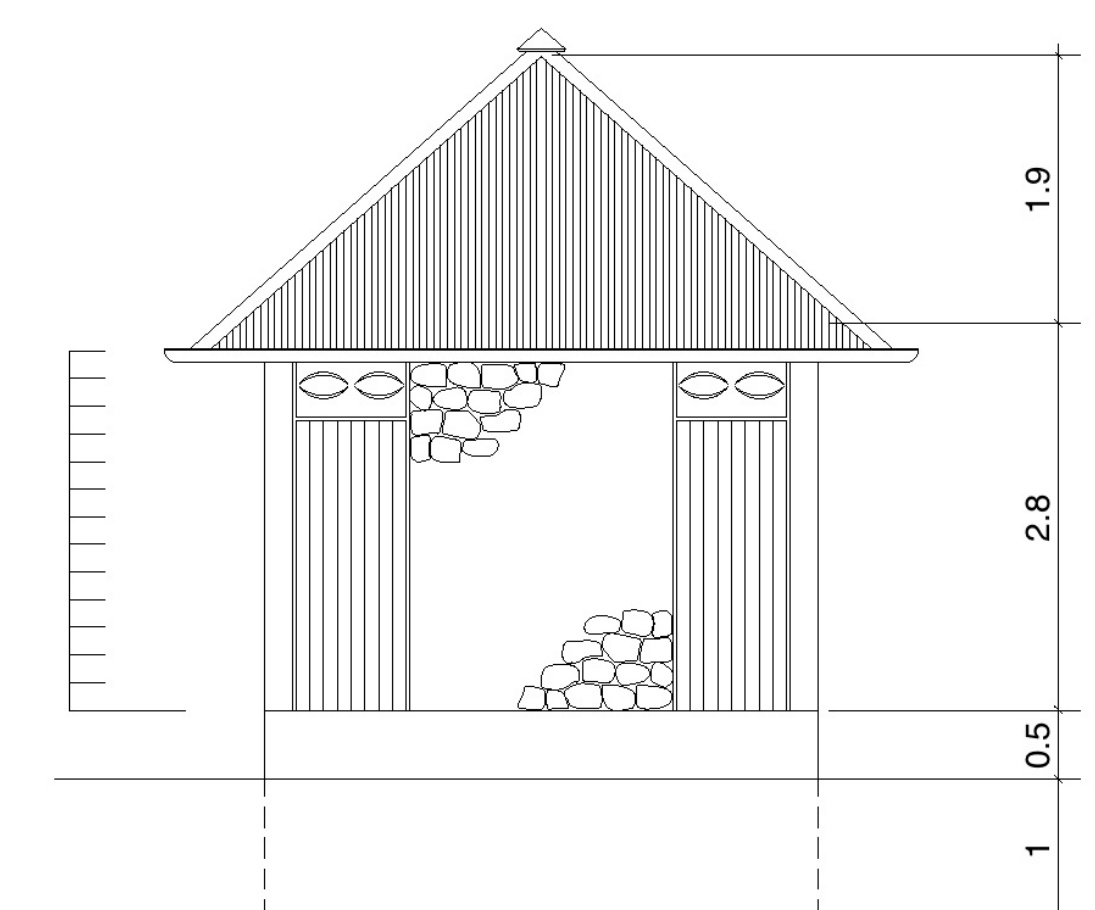
Site



Existing temporary shelter



Elevations





# Martissant

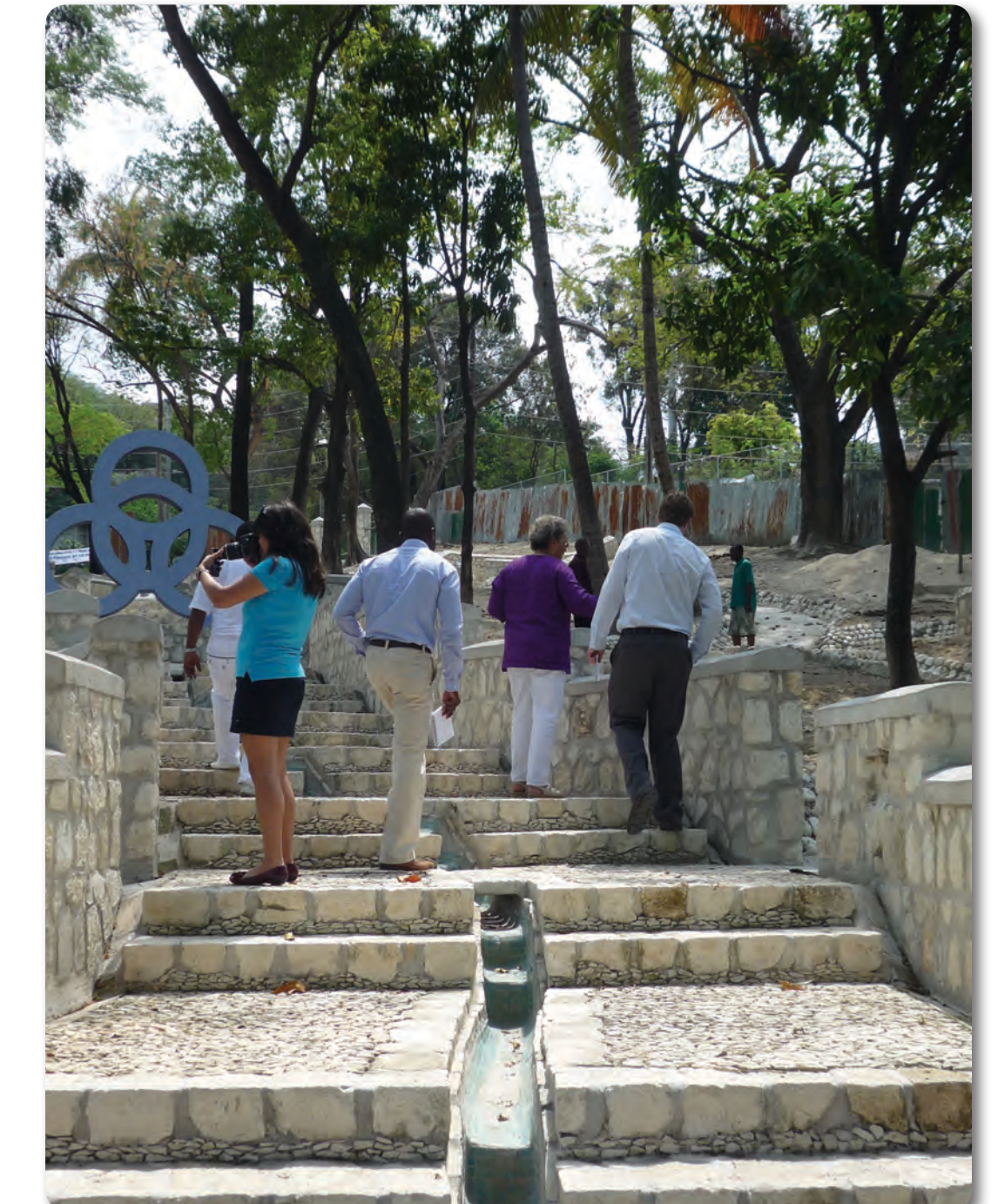
Martissant, once a thriving middle-class community, is now one of the largest popular quarters in Port-au-Prince. At the heart of this impoverished and often volatile neighborhood is the Martissant Park, a 40-acre preserve of beauty and serenity. The park has been designated as an area of national interest by the Haitian government and custodianship for the park has been given over to The Knowledge and Freedom Foundation (FOKAL). FOKAL has already inaugurated the park, the largest in the city, and is in the process of completing construction of a cultural and educational center for the community. A third part of the park is slotted for a facility and instructional garden for Haiti's first university level environmental education program. Dartmouth faculty and students are collaborating with FOKAL on the development of energy systems for the park, the environmental education program and prototype housing for the surrounding community.



Martissant



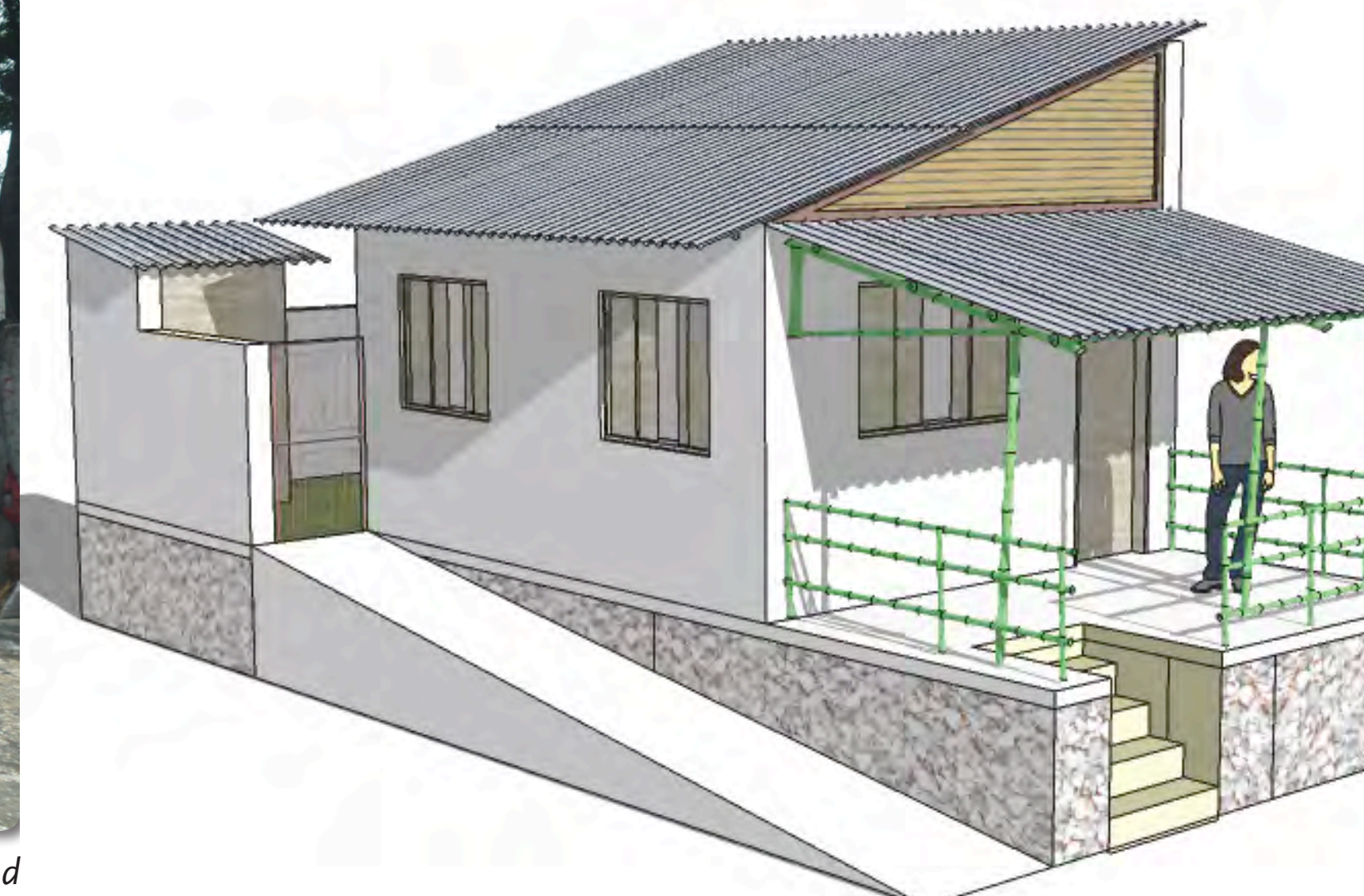
Future Home of the Environmental Studies Program  
Martissant Botanical Garden



Michele Pierre-Louis with Tuck School Students  
Martissant Cultural Center



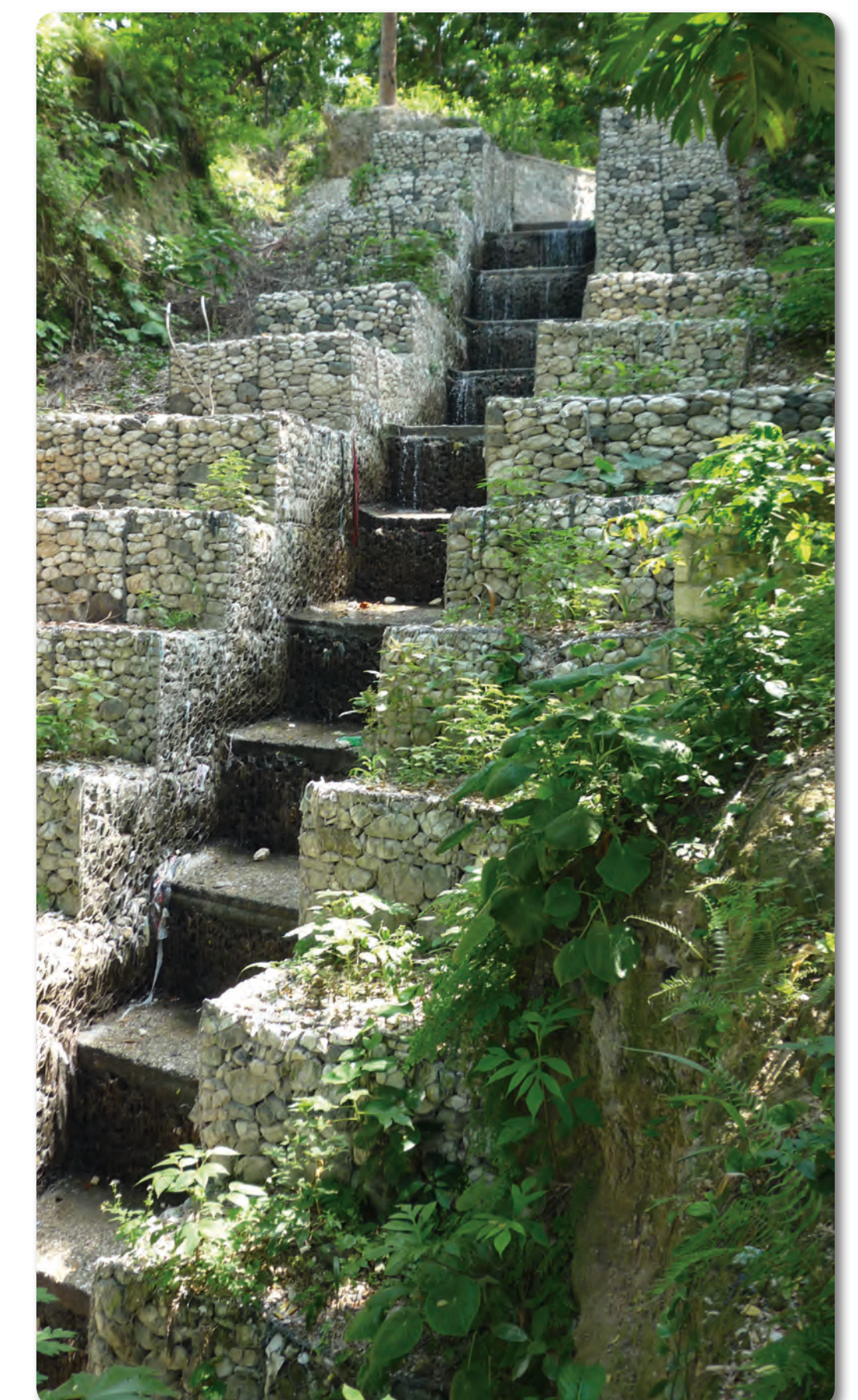
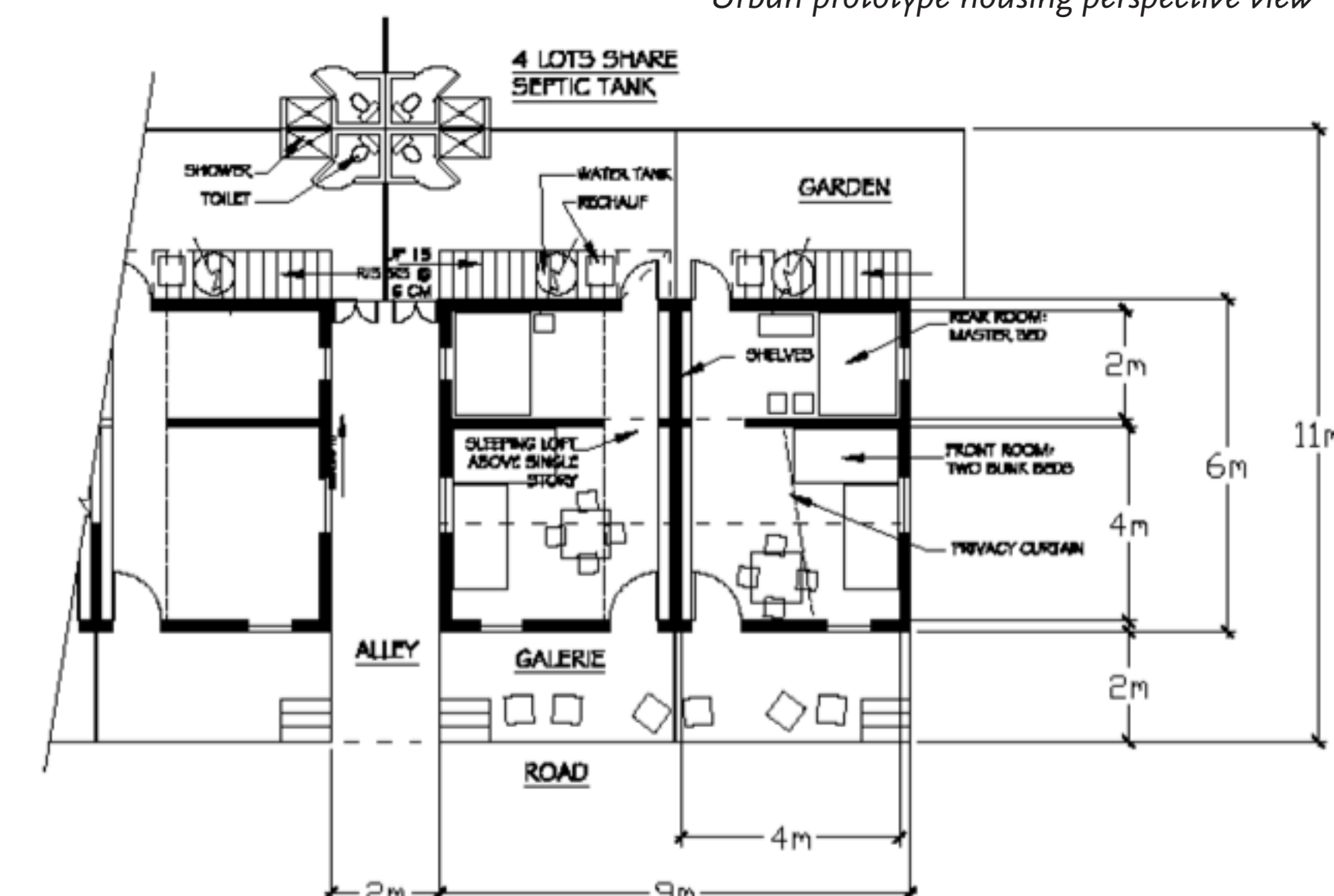
Martissant and Martissant Park in the middle ground



Urban prototype housing perspective view



Michele Pierre-Louis, President FOKAL In Martissant Park



Water Management  
Martissant Botanical Garden



# Global Health

At the core of Dartmouth's initiatives in Haiti are important projects related to health care throughout the country. An essential and innovative aspect of recent projects undertaken is the interdisciplinary approach that the college has developed to address the issues of health and health care delivery. This includes but also extends beyond medical care to incorporate projects in nutrition, sanitation, water supply, education, economic development, environmental restoration, telecommunications and housing. These projects relate on a larger scale to a worldwide Global Health effort undertaken by the College and the Dartmouth Hitchcock Medical Center.



Community Housing Meeting, Fond des Blancs  
Photo Michael Sacca



Dartmouth and the St. Boniface Haiti Foundation Plan a Mobile Technology Education Program for Community Health Workers  
Fond des Blancs



Tuck Business School Students Meet Community Health Care Workers  
GHESKIO, Port-au-Prince



Expectant mother meets with community health care worker  
Fond des Blancs



Inoculations at a well child and nutrition clinic  
Kapen



Community health care worker directs  
A well child and nutrition clinic  
Kapen



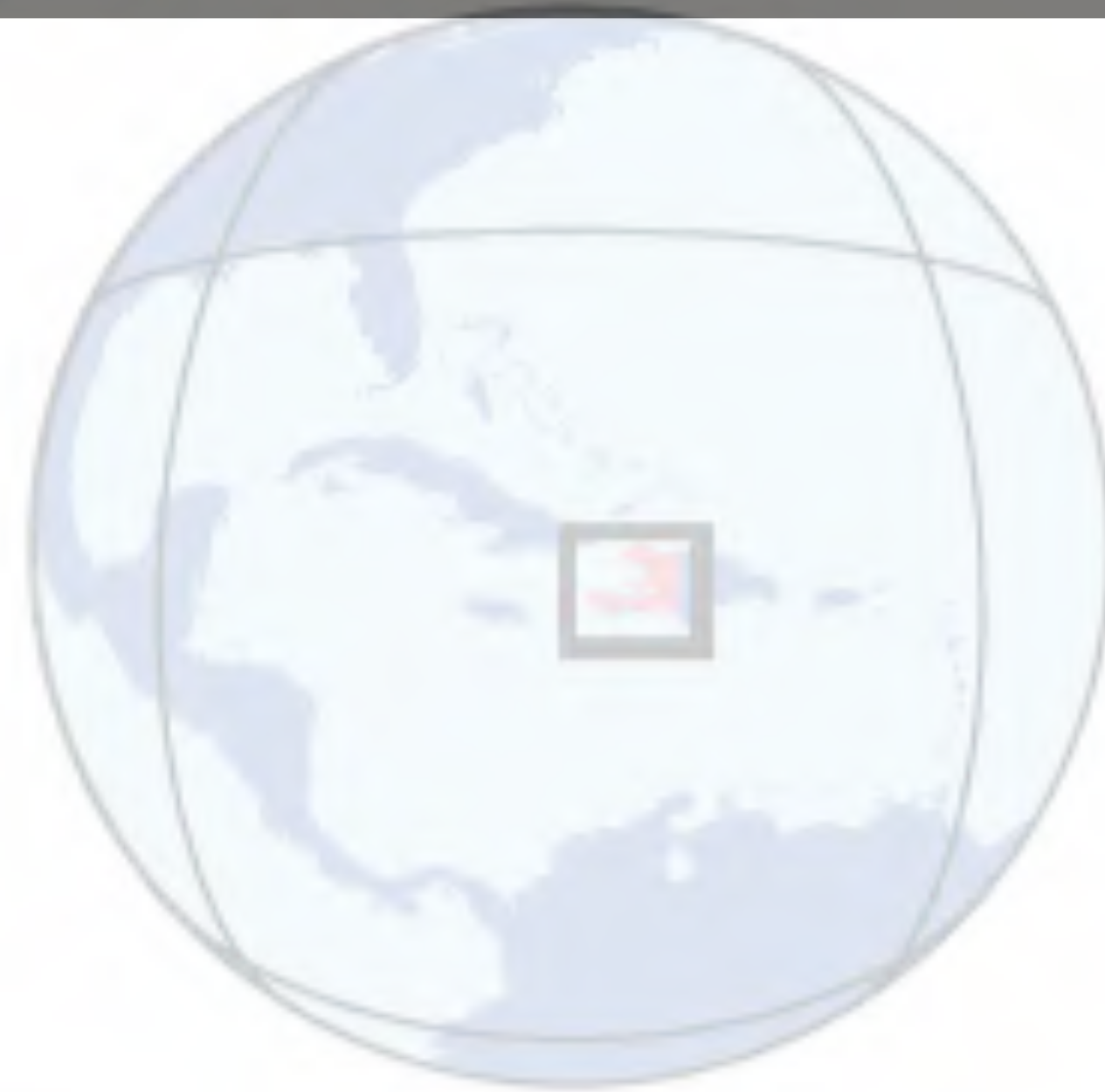
Dartmouth Collaborates with GHESKIO  
on Cholera, TB and HIV/AIDS Treatment  
Port-au-Prince



Thayer Engineering School students work on a community water supply project  
Fond des Blancs



# Dartmouth / Haiti Earthquake Response



Dr. Peter Wright, a Geisel Medical School professor and infectious disease specialist at DHMC, on a plane with medical supplies bound for Port-au-Prince  
Photo by Joseph Mehling



The first members of the Dartmouth/DHMC response team fly to Haiti on January 16, 2010. Left to right: Carter Dodge, Kevin Armstrong, Philip Bernini, Anthony Albert, Rajan Gupta, Kimberly Gagnon, Curt Rhyhart, Michael Hawkins, Christopher O'Connell  
Photo by Joseph Mehling



DHMC nurses Rachel Allen (left) and Emma Batchelder (right) in the post-op ward at University Hospital in Port-au-Prince  
Photo by James A. Geiling

**60**  
**HEALTHCARE**  
**PROFESSIONALS**

**8**  
**DONATED**  
**FLIGHTS**

**\$1,500,000**  
**IN DONATIONS FROM**  
**1,300 INDIVIDUALS &**  
**45 ORGANIZATIONS**  
**AFFILIATED WITH**  
**DARTMOUTH**

**40**  
**TONS**  
**OF MEDICAL**  
**SUPPLIES**

The earthquake struck Haiti on January 12, 2010



# The Porter Symposium

Through the generous support of the Porter Family Foundation Dartmouth College working with GRAHN (*the Groupe de réflexion et d'action pour une Haiti nouvelle*) organized a symposium on “Dartmouth and Haiti at the Crossroads” held at Dartmouth on 20-22 of February 2013. The Porter Symposium goal was to have working groups propose and implement collaborative, sustainable solutions to Haiti’s crises in three key areas: education, economic development, and health care.

In each area specific projects were selected by the respective Haitian Governmental Ministries and at Dartmouth two days of workshops refined the proposals. These workshop teams had representation from the Haitian governmental Ministries, the Haitian civil society and Dartmouth and other academic institutions in Canada, Europe and the United States. Through additional support from *The Year of the Arts at Dartmouth* Haitian music and art were included as a vital component of the symposium.

A follow-up meeting was held on 30 April, 2013 in Port-au-Prince at which time the teams reviewed progress in each area and formulated a follow up action plan. International groups are now collaborating to move forward on the development of a national trauma treatment facility and treatment network, a national program in academic research, a university-level program in Environmental Studies and a range of economic development projects.



The Porter Symposium Health Care Working Group in session



The Porter Symposium teleconference with Dr. Jim Yong Kim



The Porter Symposium Education Working Group in session



The Porter Symposium Economic Development Working Group in session



Lakou Mizik at the final project presentations



Artist Jerry Rosembert-Moise created two graffiti murals as part of the symposium



# Student Projects

Since 2011 students in architectural design at Dartmouth have been working on projects associated with partner organizations in Haiti that range from medical facilities, housing, community facilities, infrastructure and economic development. This has exposed a great number of students during this time to the serious issues facing the people of Haiti and to the commitment that Dartmouth has made to the country.

Bamboo Bike Workshop

Fond des Blancs, Haiti

Chris Magoon

Intro

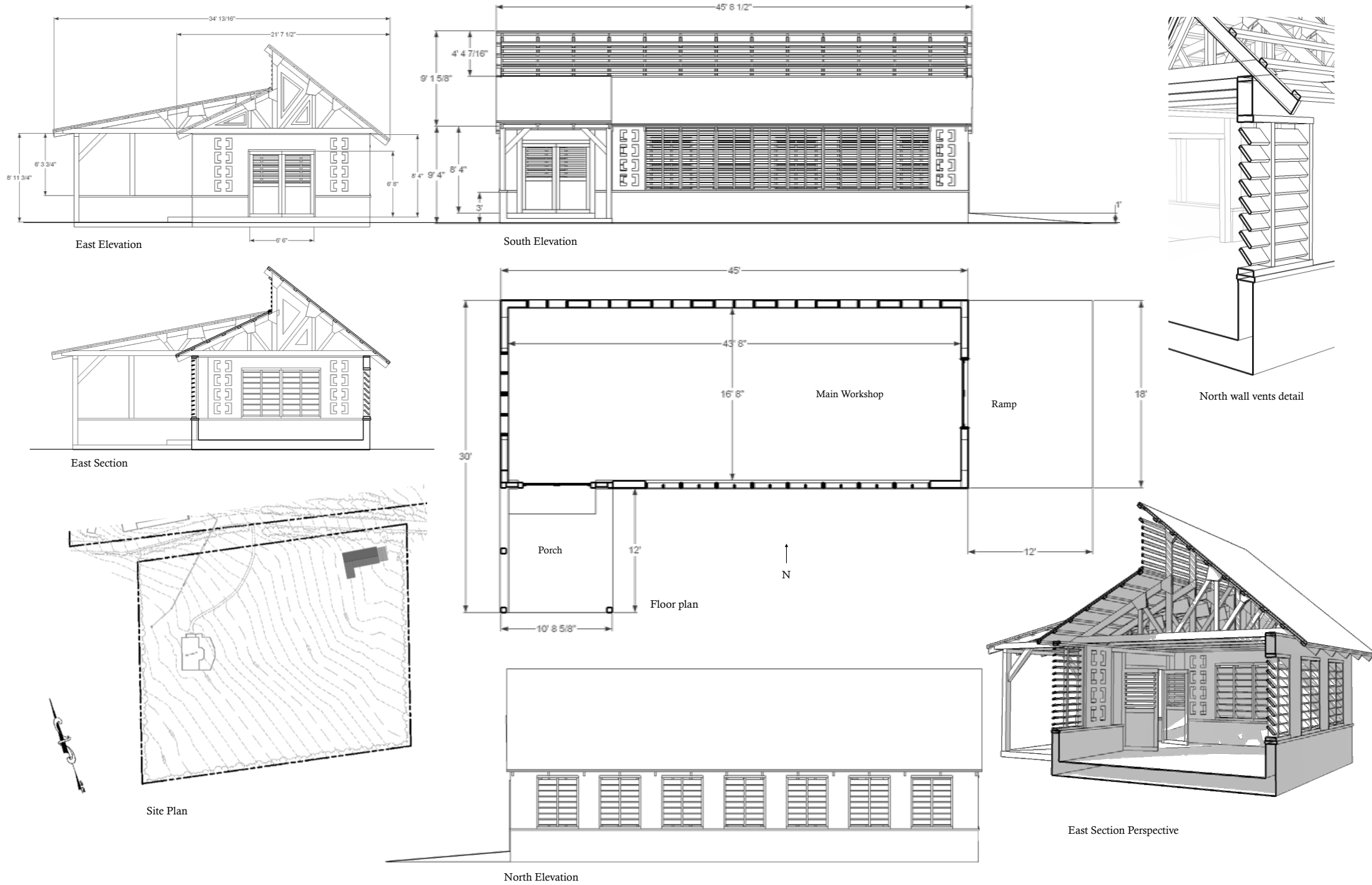
Analysis

Design

DARTMOUTH DESIGN

**Specifications:**

- 810 sq foot open workshop space
- Covered porch for outdoor work
- Perforated concrete block walls
- Clerestory roof design for natural lighting
- Wooden slats for ventilation and security
- Dimensional lumber roof truss system



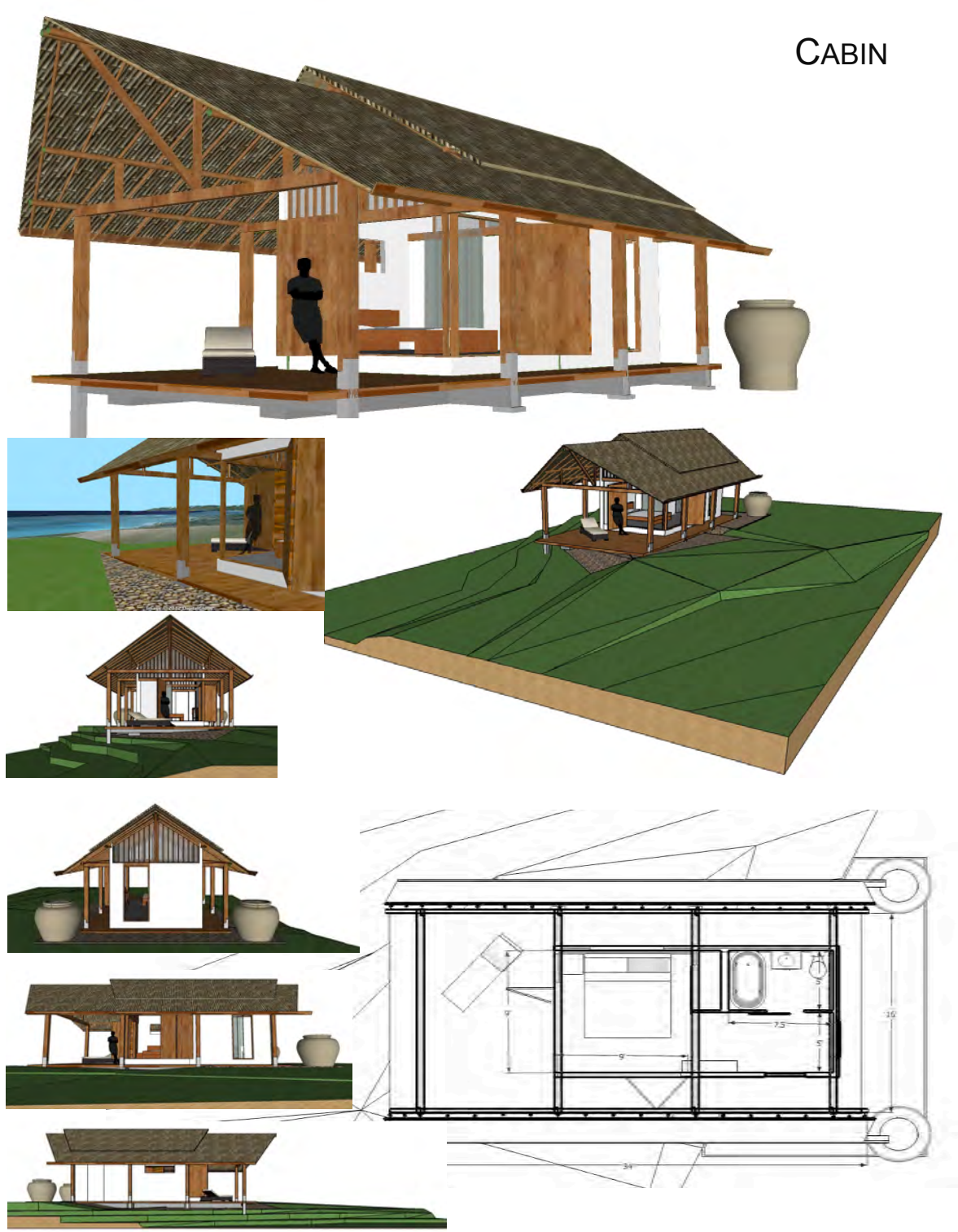
HAITI ECONOMIC  
DEVELOPMENT PLAN:  
SUSTAINABLE  
TOURISM IN  
PORT-SALUT



**What, where and why?**  
Located on the southern peninsula of Haiti, in the Les Cayes municipality, is a coastal town of about 30,000 inhabitants, with the nicest beaches of the island. Les Cayes, ten miles west, known for its annual carnivals, is currently receiving a lot of recognition and hundred-million dollar touristic development projects (especially in Aquin – 15 miles west of Les Cayes) which will help in infrastructure and economic development of the area. What will set this project apart is its design principle of "sustainable tourism" and community development.

**Site plan:**  
30 acres for 30 units, hotel center (front desk, gift shops, concierge, pool restaurant), amphitheater, off-grid windmill and bamboo foresting

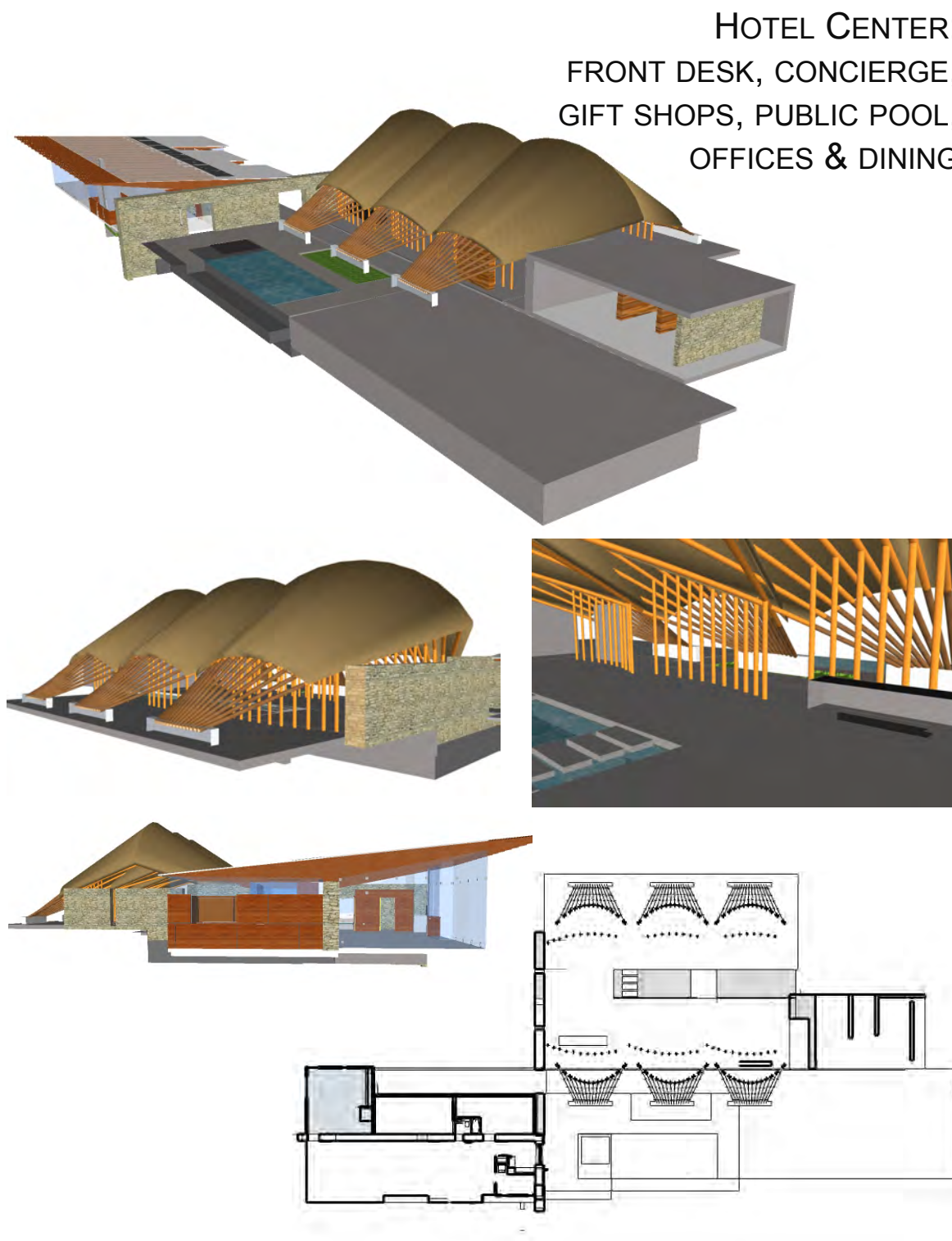
Hill elevates to 300 feet above sea level



CABIN



COTTAGE



HOTEL CENTER:  
FRONT DESK, CONCIERGE,  
GIFT SHOPS, PUBLIC POOL,  
OFFICES & DINING



# Viva Rio

Since 2007, the Brazilian NGO Viva Rio has spearheaded conflict mediation and social development in the volatile neighborhood of Bel Air, Port-au-Prince. Viewing the problem of violence as rooted in underdevelopment, they have worked to improve water, health, and sanitation services alongside disarmament campaigns, community security brigades, and annual peace accords. Their signature program is called *Tanbou Lape*, or “Peace Drum,” and it involves activities aimed at promoting reconciliation among the area’s rival bases, or localized gangs. At the heart of these efforts is an innovative information system for gathering, tracking, and sharing data about violent incidents in the neighborhood. Viva Rio hopes to partner with Dartmouth on the development of this system as a critical tool for informing and improving community policing and conflict mediation. Viva Rio is also interested in working with Dartmouth on an alternative, accelerated education program for at-risk youth, and as a partner on a critical documentary about the life and death of a renowned gang leader and activist in Bel Air.



Chelsey Kivland and Viva Rio database team



Community leaders signing annual peace accords



Viva Rio community policing meeting



Advertisement for peace concert at military base



UN Peacekeepers in Bel Air



# A ROAD TO PEACE?

**Chelsey Kivland**, the McKennan Postdoctoral Fellow in Anthropology, studies the relationship between politics and violence in the impoverished neighborhood of Bel Air, Port-au-Prince. She has spent nearly two years living and working in the conflict-ridden neighborhood, developing close ties with local leaders and residents. Her ethnography tracks one of the area's most prominent "bases," or gangs, and elucidates how it establishes and maintains power through the show of force, political ties, spiritual rituals, musical concerts, and forms of patronage. In lieu of a robust public sector, base leaders act as brokers for government services and handouts and even NGO projects. They view themselves as state-like agents who "defend" the area and its interests. Though feared, they often hold the "respect" (*respè*) of residents. Kivland's study shows that gang violence in urban Haiti is not endemic, but is rather tied to conflicts of political leadership, which is, in turn, tied to the social disrespect and political marginalization of the poor. Understanding base dynamics, and also what it means to be respected, is critical to any form of engagement in urban Haiti.

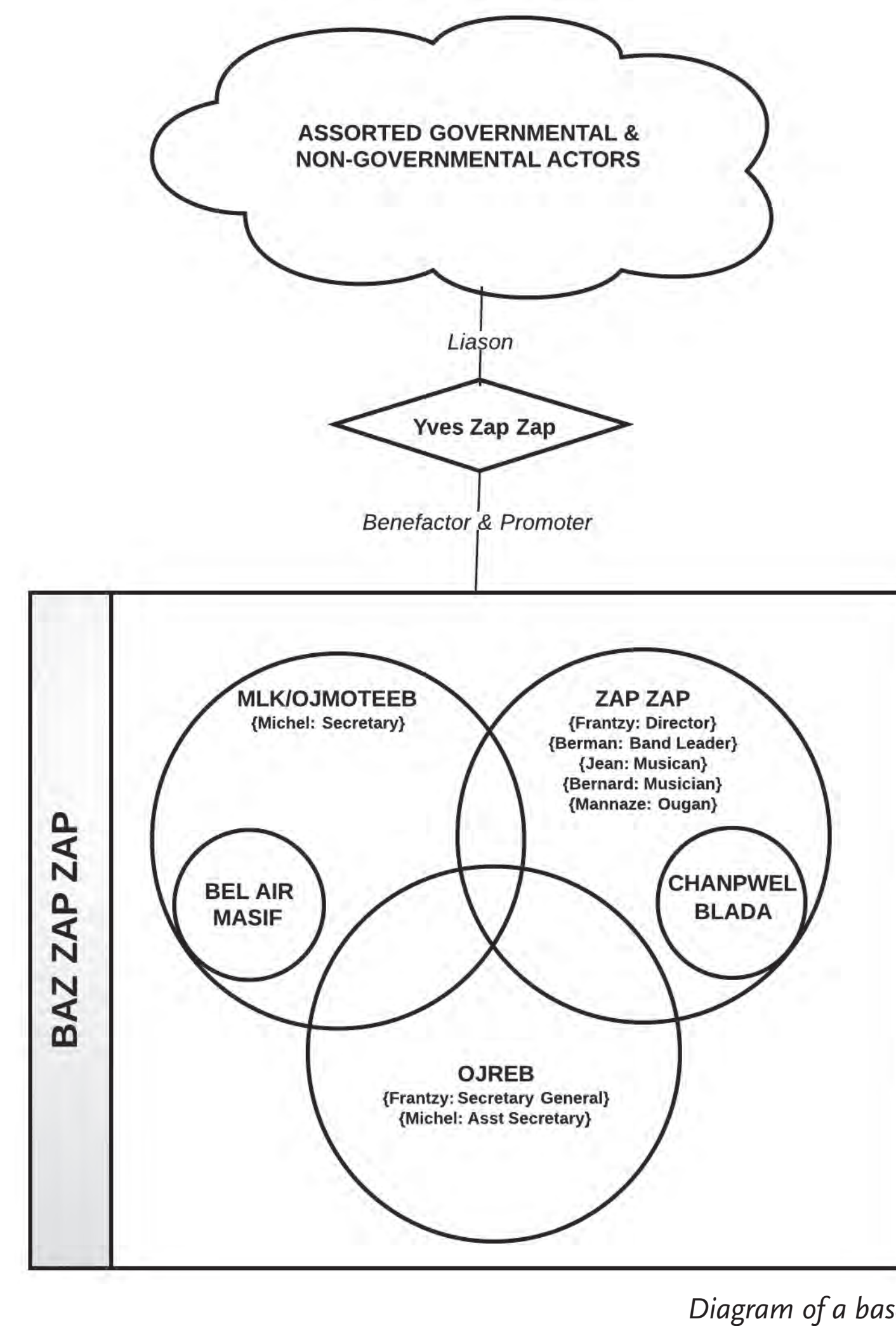


Diagram of a base



*Residents depict the geography of Bel Air bases*



Street concert protesting violence and insecurity



### Base leader shows off his zone



Public notice advertising a base's beach day



Chelsey Kivland takes notes at the base



*Bel Air residents relax at the base*



Activist graffiti in Bel Air, "Long Live Haiti, Long Live Bel Air"



# Student Projects

In a highly interdisciplinary initiative over fifty Dartmouth students in medicine, public health, engineering and business have been participating in experiential and project based learning in Haiti since 2011. These projects have ranged from medical supply chain of custody, community health worker process, microfinance programs, community infrastructure, sanitation, affordable housing and more. Current projects that have developed from these student initiatives include the construction of prototype housing and the installation of a solar-powered pumping system for a community water supply in the town of Fond des Blancs. On campus more than 200 students have participated in coursework related to Haiti and many have also participated in project-based learning experiences.



*Engineering Science 71, Innovative structural use of bamboo  
Photo courtesy Thayer School of Engineering*



*Thayer Engineering students evaluate old pumping equipment, Fond des Blancs, December 2012*



*Tuck Business students meet community health workers, Cite de Dieu, Port-au-Prince, 2013*



*Medical and ecology students, Cite de Dieu  
Port-au-Prince, 2011*



*Masters of Public Health and Tuck business students  
Fond des Blancs 2012*



*Thayer Engineering students research community water use and sanitation  
Fond des Blancs, December 2012*



# Poverty, Healthcare and Education

**1%**  
of the population  
attends university

**50%**  
of this percent  
graduates

**85%**  
of the graduates  
leave  
Haiti to  
work overseas

**77%**  
of the  
population  
lives below  
the poverty line

**2.5**  
number of doctors  
per 10,000  
people

Population  
of Haiti

**10.1**  
million

**56%**  
of deaths in  
children under the  
age of five  
caused by injury

Sources: World Bank, International Monetary Fund, United States Library of Congress – Federal Research Division