

PROJECT PURPOSE & FOCUS

EID 470 students are partnering with ALEA Bridge and LiveWell Hawaii to provide design concepts for practical, affordable housing for the underserved in our island communities. While this could be a model for serving people anywhere in the world – we'll start here, in Hawaii. Students will be researching our local needs for housing Oahu's homeless citizens – those individuals who are at-risk, veterans and underserved. This 'cluster housing' project will focus on providing housing for individuals and/or couples who need a place to live and who are willing to live in community.

PARTNERSHIP VISIONS

"ALEA Bridge is committed to taking action through collaborative and comprehensive solutions that address homelessness and assisting Hawaii's at-risk individuals, families and veterans. We strive to be the premiere Service Integrator (SI) in the State, partnering with other agencies and organizations to coordinate our efforts to provide services to those in need." (<http://www.aleabridge.org/about-the-mission.html>, 2017)

"At LiveWell Hawaii, we believe that everyone deserves affordable housing and a comfortable home in Honolulu, Hawaii. Everyone should be able to build their own home without incurring massive debt, and modular homes allow individuals and families to do just that. With our micro-home solutions, you can now own a home without all of the debt." (<http://www.livewell-hawaii.com>, 2017)

The **Environmental + Interior Design Program** at Chaminade University, guided by our Catholic and Marianist values, endeavors to:

Educate for	Formation in Faith
Provide an	Integral Quality Education
Educate in the	Family Spirit
Educate for	Service, Justice and Peace
Educate for	Adaptation and Change

Serving others through academic endeavors, the design students become socially and globally aware of the human condition. They tangibly discover how the role of a designer impacts lives, the community and the environment. This experience provides character-building purpose for the design solutions they deliver, and prepares them to make valuable contributions to professional practice.

LEARNING OUTCOMES

Successful Residential Studio students will:

- (PO 1; C 5, 6; CT) demonstrate an understanding of the variety of roles as Interior Designers on residential projects and their interaction with clients, architects, engineers, contractors and industry partners.
- (PO 1, 3; C 8, 13, 14, 15, 16; IL) demonstrate knowledge of available resources in Hawaii, the Mainland and world-wide as needed.
- (PO 1, 3; C 6;) demonstrate the mastering of basic business practices, professional ethics, and personal design strategies.

- (PO 2, 3, 4, 5; C 4, 7, 8, 13; CT) demonstrate the comprehensive and holistic nature of design and the designer's impact on the decision-making processes on a residential project.
- (PO 2, 3, 4, 5; C 7, 8, 9, 10, 11, 12, 13, 14, 15, 16; OC, WC, QR, IL, CT) demonstrate coursework and personal design strategies to initiate, organize, design and present creative design solutions that meet requirements dictated by the client, programming information and project type.
- (PO 1, 5; C 9; OC, WC, IL) produce quality work suitable for incorporation in student's portfolio for employment.
- (PO 1; C 4, 6, 9; CT; S-L 1, 2) demonstrate an understanding of the connection(s) between academic work and real-life situations.
- (PO 1; C 4, 5, 6, 7, 9; CT; S-L 1, 2) demonstrate an understanding of and commitment to their role in issues of public concern.

PROJECT PARAMETERS

SITE & BUDGET CONSIDERATIONS

Possible Site	123 Mango St, Wahiawa, HI
Lot Size	50' x 140' 7,000 sf flat lot
TMK	740040250000
Land Value	TBD
Total Parcel Area	7,000 sf (this site)
Construction Cost	TBD by contractor after design concept is submitted

RECOMMENDED PROJECT RESEARCH TOPICS

- Homelessness in Hawaii
- Historic & Contemporary Plantation Housing/Living in Hawaii
- Hawaiian
 - historic housing; evolution of housing
 - cultural mores
 - family values
 - family lifestyles
 - socializing systems and gathering spaces
- State, County, City Agencies assisting the Homeless (*see resource list*)
- Therapeutic Landscapes
- Biophilic Design

PROJECT PARAMETERS (for this site – FA17 project)

Structure 1

640-960 sf Welcome Center (4-6 modules)

- Common kitchen
- Common restrooms
- Education | Training | Meeting space

Structure 2

80 sf 12 – 16 single residences (6-8 modules)

160 sf double occupancy units can be considered (2 single units transformed to one 160 sf unit)

- Cluster Model (6-pack or 8-pack)
- 12 single units (80 sf ea)
- 1-2 transformable double occupancy (160 sf)

INITIAL MEETING (Sept 25, 2017) – INSIGHTS | PROJECT DESIGN CHALLENGES | REQUESTS

Present: Phil Acosta (ALEA); Mark Elwell (LiveWell HI), Nani Medeiros (HomeAid Hawaii), Chris Pederson (contractor via phone); CUH-EID Joan Riggs (Professor), Students: Ryan Fan, Jen Sison, Nicolle Soriano

Vision | Mission | Philosophy The Wahiawa HoM Project

*ALEA Bridge is committed to being the bridge that connects those in need to the various resources and assistance necessary to rebuild a life of **Hope, Purpose & Success!** (from PPT & [ALEA Bridge Website](#))*

- Human-centered affordable housing project
- Live | Work | Learn | Earn
- ALEA – in Hebrew means ‘to ascend’; also initials of directors’ children
- Service Areas at this point: Mililani, Wahiawa, North Shore
- PPT provides
 - Point-in-time statistics for the currently homeless
 - Current partners for the Wahiawa HoM Project
 - Goals, Vision, Direction

Design Parameters

- Determine logical adjacencies between welcome center and residences
- Determine ingress/egress throughout property
- Since some amenities are shared, consider day/night access; distance to access
- Laundry not needed on site; laundromat is just a few buildings away

PROJECT PHASES & DELIVERABLES

Preliminary Design (Conceptual/Schematic)

- Timesheet – track time spent on project (all phases; all semester)
- Planned Client Meetings; Site Visits; Guest Speakers
- Client (Demographic) Research & Development
- Precedent Studies - Project Type/Context Research; team-initiated site visits
- Client Meetings; Q & A interaction with client team (Phil, Mark, Chris,
- Code Research – discussion with LiveWell & Chris Pederson, Contractor
- Programming Analysis
 - Client Profile
 - Problem Statements
 - ACT; Info Graphic
 - Universal & Sustainable Features
- Spatial Analysis
 - Cluster Housing Formations
 - Room/Residence – Kitchen (common) – Bathroom (common) – Resource ‘building’
- Ideation sketches – exploration – charrette (Interior & Exterior)
- Wayfinding | Signage | Corporate Identity – initial ideation
- **REVIEW DELIVERABLES** - Preliminary/Conceptual Design Presentation
 - Building Sited and Landscape Ideation
 - Spatial relationships established
 - Ingress/Egress to rooms and common amenities
 - Wayfinding Program initiated
 - Inspiration to direct design development

DD-Design Development & CD – Construction Documentation

- Construction Documents (site plan, floor plans, furniture plans, sections, interior elevations, landscape plan))
- Schedule(s) - FF&E, Window & Door
- Space Planning – interior and exterior; accessibility determined throughout complex
- Material (exterior & interior) & Furniture Selections (FF&E, Furniture & Accessories selection)

- **REVIEW DELIVERABLES** – CD set redlines; Review of wayfinding program and material selections

FINAL DELIVERABLES – PRESENTATION & SUBMISSION

- Revisions and updates per redlined CD plan set
- Reflected Ceiling Plan(s)
- Electrical Plan(s)
- Specifications (local resources whenever possible); coordinated (TAGGED) with furniture plan
- **Concept Statement**
- Project Binder – **let's talk about this for this project**
 - Cover & Spine corporate identity - include names of all team members
 - Index or Table of Contents
 - Tabbed Sections
 - USB of project work - **definitely**
- Process Work – well organized
- Presentation Format – determined by designer but to include:
 - Rendered site plan (with landscaping)
 - Rendered floor plans (with labels)
 - Rendered 3D images
 - Rendered physical or digital model expressing design concept
 - Animation – extra credit
 - Tangible Materials (boards no larger than 16 x 30)
 - Take-Away for client

DUE DATE – PRESENTATION TO CLIENT – TBD (Nov 29, if possible; alternative – finals week Dec 11-14)

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