UNIVERSITY OF HAWAI'I AT HILO
E OLA KA 'ŌLELO HAWAI'I

PHASE 3: 50% Signage Standards Guidelines
JANUARY 20, 2015
# Table of Contents

1. **Introduction**
   - Phase 1 Recap / Program Goals 1.01
   - Design Review Comments 1.02
   - Messaging Strategy 1.03
   - Legibility Study 1.04

2. **User Journey**
   - User Journey 2.01

3. **Design Standards**
   - Finishes 3.01
   - Materials 3.02

4. **Exterior Sign Types**
   - Exterior Sign Type Overview 4.01 - 4.03
   - Entrance Identification 4.04 - 4.05
   - Vehicular Directional 4.10 - 4.11
   - Street Directional 4.12 - 4.13
   - Parking Lot Identification 4.14 - 4.15
   - Campus Map Kiosk 4.16 - 4.17
   - Orientation Dial 4.18 - 4.19
   - Pedestrian Directional 4.20 - 4.21
   - Cluster Identification 4.22 - 4.23
   - Cluster Map Kiosk 4.24 - 4.25
   - Building Identification 4.26 - 4.27

5. **Interior Sign Types**
   - Interior Sign Type Overview 5.01
   - Cluster Family Overview 5.02
   - Restroom Flag Sign 5.04
   - Restroom Sign 5.05
   - Room Sign 5.06
   - Stair Egress Sign 5.07
   - Elevator Egress Sign 5.08
   - Elevator Door Identification 5.09
   - Directonal 5.10
   - Accessibility Directional 5.11

6. **Next Steps**
   - Next Steps 6.01
Chapter 1: Introduction

1.01 Phase 1 Recap / Program Goals
1.02 Design Review Comments
1.03 Messaging Strategy
1.04 Legibility Study
Phase Recap / Program Goals

Phase 1: Strategy

Organization - The use of clusters as was approved. Buildings are aligned by use to aid in campus organization.

Language - The use of the Hawaiian language as the primary message. English translations to be secondary information.

Color - Align to the environment and distinguish each campus cluster.

Function - Design approaches are to allow for the greatest amount of flexibility. Implementation can be done in phases.

Approved Cluster Names:

- Lehua - Athletics and Recreation
- Kupukupu - Community Campus Shops
- KI - Student and Public Access
- Hau - Student Housing
- Koa - Academics & Administration

Phase 2: Project Outline

Chapter 1 is a recap of how we have arrived at this point, and discussed how we have enforced our strategy through layout hierarchy and messaging.

Chapter 2 illustrates a typical user journey, from main entrance to final destination on campus. The journey highlights each sign type in its typical location and message.

Chapter 3 outlines the exterior sign system.

Chapter 4 outlines the interior signage system.

Chapter 5 outlines overarching graphic standards and provides information on color and typeface selections.

*As the design process advances towards its end goal (Guidelines Document), this space will be updated and expand to highlight what is captured within each issued document.
### Design Review Comments

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Phase 1 Comments</th>
<th>DATE</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>There are some concerns that using Hawaiian as the primary language may be confusing to the majority users. One suggestion is to use Hawaiian as primary language only on signs that are going to be read close-up and have English as the primary language used on signs that will be read from a distance (vehicular signs, building signs, etc.)</td>
<td>8/29/14</td>
<td>Through typographic and visibility studies, Two Twelve has determined that an acceptable letter cap height for secondary text can be maintained for vehicular traffic. This will allow the secondary copy to be clearly visible and functional.</td>
</tr>
<tr>
<td>2</td>
<td>San serif &amp; Avant fonts are fine. Please include samples of the different styles available within the font family (Light, Bold, Italic, Black, etc.) – for review and a final selection. The typeface in 10/30/2014 acceptable.</td>
<td>11/14/14</td>
<td>REVISED</td>
</tr>
<tr>
<td>3</td>
<td>Hawaiian is an English word and should not have the ‘okina—Hawai‘ian is incorrect.</td>
<td>8/29/14</td>
<td>Corrected</td>
</tr>
<tr>
<td>4</td>
<td>We would like to see the top right color group in page 9 be similar to the August Map but also use different color blind. Is it possible to design a map with the variety of blindness simulators/ the August Map is more difficult for the color blind.</td>
<td>8/29/14</td>
<td>Project Typeface is Acrata. Light, Bold, Italic, and Black variations have been provided.</td>
</tr>
<tr>
<td>5</td>
<td>In Room ID signs, we like to have the occupant name sign that can easily be replaced. Seems we still have time to work out the details.</td>
<td>8/29/14</td>
<td>Room IDs will have changeable inserts for maximum flexibility.</td>
</tr>
<tr>
<td>6</td>
<td>Thanks for the update. I received several review comments on the color schemes. The colors look nice in the color palette we selected. However, when it is applied on the “September Map”, it is less more difficult to distinguish the groups – in comparing to the “August Map”. Because the color value in the September Map are very close, when tested with color blindness simulator <a href="http://www.color-blindness.com/coblis-color-blindness-simulator/">http://www.color-blindness.com/coblis-color-blindness-simulator/</a> the August Map is more difficult for the color blind. Is it possible to design a map with the variety of colors – similar to the August Map but also use different color values?</td>
<td>9/10/14</td>
<td>While we agree with, it is important to note that the map will require additional exploration (currenly not within our scope) in order to convey the cluster designations. The map we are show is for information purposes only.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Phase 2 Comments</th>
<th>DATE</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Through typographic and visibility studies, Two Twelve has determined that an acceptable letter cap height for secondary text can be maintained for vehicular traffic. This will allow the secondary copy to be clearly visible and functional.</td>
<td>11/14/14</td>
<td>Corrected. We have also added alternative options of these sign types with white letters on a red background.</td>
</tr>
<tr>
<td>8</td>
<td>San serif &amp; Avant fonts are fine. Please include samples of the different styles available within the font family (Light, Bold, Italic, Black, etc.) – for review and a final selection. The typeface in 10/30/2014 acceptable.</td>
<td>11/14/14</td>
<td>Corrected</td>
</tr>
<tr>
<td>9</td>
<td>Hawaiian is an English word and should not have the ‘okina—Hawai‘ian is incorrect.</td>
<td>8/29/14</td>
<td>Corrected</td>
</tr>
<tr>
<td>10</td>
<td>We prefer Option 1, as the wood gives a warmer feeling. There is a mixed up on the cluster name &amp; definition in page 5. We like the contrast within the group and it’s muted, earthy tones. The colors will be a nice contrast to the greenery surrounding our campus while complementing the red roof of our buildings. The colors in current page 5 seems working too. Please put the colors in current page 5 map into a color column.</td>
<td>11/14/14</td>
<td>Corrected</td>
</tr>
<tr>
<td>11</td>
<td>We would like to see the design applied to various campus entry signs. (Kawili, Kapiko, Lanikaula, etc. per 2014-08 submittal) and have the UH Hilo logo included on them.</td>
<td>11/14/14</td>
<td>We have reviewed the color palette and have attempted to differentiate the clusters, while maintaining the beautiful approach initially offered by Sig and his team.</td>
</tr>
<tr>
<td>12</td>
<td>We prefer Option 1, as the wood gives a warmer feeling. There is a mixed up on the cluster name &amp; definition in page 5. We like the contrast within the group and it’s muted, earthy tones. The colors will be a nice contrast to the greenery surrounding our campus while complementing the red roof of our buildings. The colors in current page 5 seems working too. Please put the colors in current page 5 map into a color column.</td>
<td>11/14/14</td>
<td>Corrected</td>
</tr>
<tr>
<td>13</td>
<td>We would like to see the design applied to interior signage such as room signs and name plates with flexibility for in-house maintenance to assure cost effectiveness.</td>
<td>11/14/14</td>
<td>The interior signage is based on the building location and cluster color. Sign to be developed for in-house maintenance.</td>
</tr>
<tr>
<td>14</td>
<td>Through typographic and visibility studies, Two Twelve has determined that an acceptable letter cap height for secondary text can be maintained for vehicular traffic. This will allow the secondary copy to be clearly visible and functional.</td>
<td>11/14/14</td>
<td>Included an arrow design that aligns with the project signage.</td>
</tr>
<tr>
<td>15</td>
<td>We would like to see the design applied to interior signage such as room signs and name plates with flexibility for in-house maintenance to assure cost effectiveness.</td>
<td>12/23/14</td>
<td>Corrected</td>
</tr>
<tr>
<td>16</td>
<td>We would like to see the design applied to various campus entry signs. (Kawili, Kapiko, Lanikaula, etc. per 2014-08 submittal) and have the UH Hilo logo included on them.</td>
<td>12/23/14</td>
<td>We have created a new Campus ID sign type with horizontal text. The previous Campus ID sign type with vertical text is included as an alternative option.</td>
</tr>
</tbody>
</table>
### Messaging Strategy

#### Nomenclature

Sign types and messages are aligned to each user group—vehicular or pedestrian. Each user group requires its own set of messaging, sharing specific information to aid in the immediate navigation. This structure allows us to breakdown messaging that is specific to each group.

**Vehicular Messaging**

Those messages that relate directly to navigating the University grounds. This overarching set of messages are less specific to individual building identification and focus on highlighting information as it relates to the parking locations (zones, preferred, general, etc). This is tier one of the information hierarchy, from this set of messages, the remaining message structure is used.

**Pedestrian Messaging**

The message structure is important in determining, not only what is being said, but where. This structure at its core is designed around using the cluster names as the overarching navigation tool.

#### Sign Type

<table>
<thead>
<tr>
<th>Sign Type</th>
<th>Location</th>
<th>Typical Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Entrance ID</td>
<td>Main entries</td>
<td>Kawili</td>
</tr>
<tr>
<td>B Vehicular Directional</td>
<td>Campus roadways</td>
<td>Directions to parking zones</td>
</tr>
<tr>
<td>C Street Identification</td>
<td>On campus street corners</td>
<td>Nowelo Street</td>
</tr>
<tr>
<td>D Parking ID</td>
<td>Parking entrances</td>
<td>Preferred Lot 4 (regulatory info)</td>
</tr>
<tr>
<td>E Campus Map/Kiosk</td>
<td>Major pedestrian paths</td>
<td>Overall campus map</td>
</tr>
<tr>
<td>F Orientation Dial</td>
<td>Piko</td>
<td>Cluster names and directionals</td>
</tr>
<tr>
<td>G Pedestrian Directional</td>
<td>Covered walkways</td>
<td>Cluster name (Lauhu)</td>
</tr>
<tr>
<td>H Cluster Map/Kiosk</td>
<td>1 per cluster entry</td>
<td>Detailed cluster map (list of buildings within cluster)</td>
</tr>
<tr>
<td>I Cluster Directional</td>
<td>Within Cluster</td>
<td>Destinations within Cluster</td>
</tr>
<tr>
<td>J Building ID</td>
<td>1 per building entry</td>
<td>Mo’okini Library (Cluster Name)</td>
</tr>
</tbody>
</table>
A focus within the wayfinding strategy is the use of Hawaiian language on all signage. This approach creates a two-tiered information structure with Hawaiian being the primary message, its translation being secondary in value, but equally important to the end user. It is imperative that the hierarchy of information be functional and clearly legible to the user.

Industry practice for low-volume roads, such as campus roads, with estimated speeds of 25 mph or less (40 km/h), dictate a minimum cap height no smaller than 1 1/2 inches in height.

An accepted "rule-of-thumb" to follow for legibility for signs of this nature is to have 1 inch (25 mm) of letter height for every 40 feet (12 m) of desired legibility.
Chapter 2: User Journey

2.01 Destinations & Nomenclature
User Journey

This user journey is viewed from the perspective of both user groups (vehicular/pedestrian). It engages the campus on a typical experience from main entry to a particular campus destination within a defined cluster.
Chapter 3: Design Standards

3.01 Finishes
3.02 Materials
Finishes

Finish Schedule

<table>
<thead>
<tr>
<th>CODE</th>
<th>TO MATCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td></td>
</tr>
<tr>
<td>M1</td>
<td>Richlite Northwest - R100 (100% recycled material)</td>
</tr>
<tr>
<td>M2</td>
<td>Piko Vinyl</td>
</tr>
<tr>
<td>Paint</td>
<td></td>
</tr>
<tr>
<td>P1</td>
<td>White Paint</td>
</tr>
<tr>
<td>P2</td>
<td>Hilo Red to match PMS 485C</td>
</tr>
<tr>
<td>P3</td>
<td>Gray to match PMS 407C</td>
</tr>
<tr>
<td>P4</td>
<td>Blue to match PMS 335C</td>
</tr>
<tr>
<td>P5</td>
<td>Dark Blue to match PMS 539C</td>
</tr>
<tr>
<td>P6</td>
<td>Green to match PMS 7496C</td>
</tr>
<tr>
<td>P7</td>
<td>Purple to match PMS 260C</td>
</tr>
<tr>
<td>Vinyl</td>
<td></td>
</tr>
<tr>
<td>V1a</td>
<td>White Vinyl - Reflective</td>
</tr>
<tr>
<td>V1b</td>
<td>White Vinyl</td>
</tr>
<tr>
<td>V2</td>
<td>Red Vinyl</td>
</tr>
<tr>
<td>V3</td>
<td>Grey Vinyl</td>
</tr>
<tr>
<td>V4</td>
<td>Blue Vinyl</td>
</tr>
<tr>
<td>V5</td>
<td>Dark Blue Vinyl</td>
</tr>
<tr>
<td>V6</td>
<td>Green Vinyl</td>
</tr>
<tr>
<td>V7</td>
<td>Purple Vinyl</td>
</tr>
</tbody>
</table>

Given the graphic challenges of the Hawaiian language, Sig Zane offered several font options that are successful handling the required diacritical marks.

Akkurat offers the most flexibility within the family, and will help define the information hierarchy, while having a clean and legible look.

Typography

Symbols

University of Hawai‘i Seal
Arrows

Restroom | Women’s Restroom | Men’s Restroom | Stairs | Accessibility | No Smoking

3.01
Richlite Northwest offers an ideal product for this application. Made from 100% recycled material (FSC Certified), yet durable enough to withstand the Hawaiian environment.

Available sizes allow the design intent to be kept, using this material as an overall veneer that offers the warm feeling of wood.

Product information: http://www.richlite.com/gallery.html

Color - r100 (top)

Recycled content: R100 (100%)
Chapter 4:
Exterior Sign Types

4.01 - 4.03  Exterior Sign Type Overview
4.04 - 4.05  Entrance Identification
4.06 - 4.07  Entrance Identification Alt.
4.08 - 4.09  Vehicular Directional
4.10 - 4.11  Vehicular Directional Alt.
4.12 - 4.13  Street Identification
4.14 - 4.15  Parking Lot Identification
4.16 - 4.17  Campus Map Kiosk
4.18 - 4.19  Orientation Dial
4.20 - 4.21  Pedestrian Directionals
4.22 - 4.23  Cluster Map Kiosk
4.24 - 4.25  Cluster Directional
4.26 - 4.27  Building Identification
As part of the overall strategy, the use of layers is translated to the physical element. Multiple panels give each sign type depth, while embracing the natural feel of the environment through the use of a wood motif. Selections can range from indigenous wood selections, standard dimension elements, or treated veneers to achieve the design aesthetic.

To reinforce the messaging strategy, sign colors are aligned by vehicular and pedestrian colors. All University based signage (vehicular) utilizes standard University colors. The all pedestrian signage begins to define each cluster, each sign is colored based on its location.

Where possible, similar dimensions are used across multiple sign types to reduce the overall program changes. This allows for easier fabrication and maintenance of the system over time.

Koa

Forest tree, largest of those native
Father of the forest, takes care of those below
Cluster Family Overview

Kupukupu

Cluster Family

Sign Type F
Orientation Dial

Sign Type C
Pedestrian Directional

Sign Type H
Cluster Map Kiosk

Sign Type I
Cluster Directional

Sign Type J
Building Identification

Color application across the pedestrian sign type family

Kupukupu
Fern
To spread; to grow or sprout

Lehua

Cluster Family

Sign Type F
Orientation Dial

Sign Type C
Pedestrian Directional

Sign Type H
Cluster Map Kiosk

Sign Type I
Cluster Directional

Sign Type J
Building Identification

Lehua
Flower of the ‘ōhiā tree
Flower of the island of Hawai‘i
Master of craft, warrior

4.03
Entrance Identification

Sign Type A
Programmed to be installed at all main campus entries. Increased scale will help vehicular traffic identify each entry from a distance. Messages/Entry names align with existing nomenclature that is familiar with students and staff. The University Seal is included to align the Hilo campus with the larger state institute. All signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lamp posts.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver’s attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict driver’s attention or view when making turns or driving through an intersection.

(d) Wherever possible Wayfinding Signs should be installed in line with existing street fixtures.
Entrance Identification

Sign Type A
Production Notes
Materials: Aluminum, Richlite
Type: Free standing
Graphics: Painted panel with reflective vinyl

Front Elevation – Sign Type A
1/2" = 1'

Side Elevation – Sign Type A
1/2" = 1'

Back Elevation – Sign Type A
1/2" = 1'

Base Elevation – Sign Type A
1/2" = 1'

Panel
Symbol: V1a
Letters: T1, V1a
Background: P2

Panel
Symbol: V2
Letters: T1, V2
Background: P1

Kāwili Kai
Kāwili St. Theatre East
Entrance Identification

Sign Type A Alt.

Programmed to be installed at all main campus entries. Increased scale will help vehicular traffic identify each entry from a distance. Messages/Entry names align with existing nomenclature that is familiar with students and staff. The University Seal is included to align the Hilo campus with the larger state institute. All signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver’s attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict driver’s attention or view when making turns or driving through an intersection.

(d) Wherever possible Wayfinding Signs should be installed in line with existing street fixtures.
Entrance Identification

Kāwili Kai
Kāwili St. Theatre East

Panel
Symbol: V1a
Letters: T1, V1a
Background: P2

Panel
Symbol: V2
Letters: T1, V2
Background: P1

1. Front Elevation – Sign Type A Alt.
1/2" = 1'

2. Side Elevation – Sign Type A Alt.
1/2" = 1'

1/2" = 1'

4. Section View – Sign Type A Alt.
1" = 1'

Sign Type A Alt.
Production Notes
Materials: Aluminum, Richlite
Type: Free standing
Graphics: Painted panel with reflective vinyl

Panel
Symbol: V1a
Letters: T1, V1a
Background: P2

Panel
Symbol: V2
Letters: T1, V2
Background: P1

Panel
Symbol: V1a
Letters: T1, V1a
Background: P2
Programmed to be installed within campus boundaries at key vehicular decision points. Messages direct and notify visitors of parking destinations within their proximity. All signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver’s attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict driver’s attention or view when making turns or driving through an intersection.

(d) Wherever possible Wayfinding Signs should be installed in line with existing street fixtures.
Vehicular Directional

Sign Type B
Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics: Painted panel with reflective vinyl

Panel M1

Kahua Hoʻokū Kaʻa Haumana
Student Parking

Kahua Hoʻokū Kaʻa Malihini
Visitor Parking

Kahua Hoʻokū Kaʻa Lepili
Permit Parking

Panel Symbol: V2
Letters: T1, T2, V2
Background: P1

Section View – Sign Type B
1/2" = 1'

Front Elevation – Sign Type B
1/2" = 1'

Side Elevation – Sign Type B
1/2" = 1'
Sign Type B Alt.

Programmed to be installed within campus boundaries at key vehicular decision points. Messages direct and notify visitors of parking destinations within their proximity. All signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver’s attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict driver’s attention or view when making turns or driving through an intersection.

(d) Wherever possible Wayfinding Signs should be installed in line with existing street fixtures.
Vehicular Directional

Sign Type B Alt.

Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics: Painted panel with reflective vinyl

1. Front Elevation – Sign Type B Alt.  
   1/2" = 1'

2. Side Elevation – Sign Type B Alt.  
   1/2" = 1'
Sign Location Map

Located at the intersection of two campus roadways. Signs should align with road layout and clearly indicate street name in both directions. As needed, a single street name can be used to identify streets that do not intersect or are one directional.

All signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver’s attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict driver’s attention or view when making turns or driving through an intersection.

(d) Wherever possible Wayfinding Signs should be installed in line with existing street fixtures.
Production Notes
- Materials: Aluminum, wood
- Type: Post and panel construction, free standing
- Graphics: Painted panel with reflective vinyl

Sign Type C

1. Section View – Sign Type C
   - Scale: 1" = 1'
   - Notations:
     - Panel M1
     - Panel Letters: T1, V1a
     - Background: P2
     - Nowelo St.

2. Side 1 Elevation – Sign Type C
   - Scale: 1/2" = 1'

3. Side 2 Elevation – Sign Type C
   - Scale: 1/2" = 1'
Parking Lot Identification

Sign Type D

Signs identify each parking zone and provide students and visitors with relevant parking regulations.

Signs are single sided and are programmed at the entry to all campus parking lots.

All signs shall be installed parallel to entry road and perpendicular to main traffic for maximum visibility.

(a) A minimum of 2 signs per parking lot as needed. Parking lots with multiple entrances/exports will require additional signage.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver’s attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict driver’s attention or view when making turns or driving through an intersection.

(d) Wherever possible Wayfinding Signs should be installed in line with existing street fixtures.
Parking Lot Identification

**Sign Type D**

Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics: Painted panel with reflective vinyl

---

**1. Front Elevation – Sign Type D**

1/2" = 1'

**2. Side Elevation – Sign Type D**

1/2" = 1'

---

Ka'a Preference Parking
ZONE 2
Kahua Ho'okū Ka'a
Lepili Ula ula
Preferred Parking

Panel
Letters: T1, V1a, V2
Background: P1, P2

Panel M1

Section View – Sign Type D
1" = 1'
Campus Map Kiosk

Sign Type E

Kiosks are to be located at major pedestrian intersections, and pedestrian portals into the campus. A freestanding version allows for the map to be viewed from both sides, and should be installed in a location that allows for access from both sides (ADA compliant).

Single-sided versions can be installed along a building surface as needed. Map artwork utilizes existing campus map and should be updated to align with cluster color designations.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees, and lampposts.

(b) Signs shall be located so as not to interfere with pedestrian traffic flow.

(c) Surrounding landscape architecture and lighting should be considered when locating this sign type. When possible, the sign should align to existing walkway path or power details.
Campus Map Kiosk

Sign Type E

Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics: Painted panel with applied vinyl
Map: Prefabricated map/poster insert holder, with lock

1. Section View – Sign Type E
2. Front Elevation – Sign Type E
3. Side Elevation – Sign Type E
4. Back Elevation – Sign Type E
5. Base Elevation – Sign Type E
Programmed at the two central campus points, the orientation dial is the initial orientation tool that will assist students and visitors to their final destination. At the highest level within the wayfinding strategy, the dial begins to share the Cluster nomenclature and starts the campus journey for each user.

(a) Fabrication of this element is to be exterior grade printed vinyl applied to existing ground surface (concrete, pavers, stone, etc.)

(b) Sign shall be installed in order to direct students and visitors to their final destination, alignment to surrounding buildings is imperative.

(c) Vinyl to comply with all ADA non-slip guidelines and should not be installed on any surface that is not level (inclines, stairs, ramps)
Sign Type F

Production Notes
Materials:
- Applied exterior grade vinyl
- Painted color with stencil cut text
Pedestrian Directional

Sign Type G

Signs are located within existing covered walkways to inform students and visitors of the nearest cluster along their path. Signs to be color coded to align to their specific cluster color.

(a) Signs to be installed on existing vertical supports, offering varied mounting conditions.

(b) Signs should be located at key pedestrian decision points, or where paths offer multiple routes.

(c) Signs shall be installed at a height that does not interfere with pedestrian circulation while maintaining acceptable legibility above the finished floor.
Pedestrian Directional

**Sign Type G**

**Production Notes**

**Materials:**
- Painted aluminum panels with applied vinyl.
- Painted acrylic panel with vinyl applied vinyl
- Direct printed graphics to aluminum panel substrate.

**Panel**

Symbols: V1a
Letters: T1, V1a
Background: P2, P3, P4, P5, P6, P7

**Note:**
Background color determined by cluster.

---

**Pillar 1 – Sign Type G**

1/2" = 1'

---

**Pillar 2 – Sign Type G**

1/2" = 1'

---

**Pillar 3 – Sign Type G**

1/2" = 1'

---

**Pillar 1 Section View – Sign Type G**

1/2" = 1'

---

**Pillar 2 Section View – Sign Type G**

1/2" = 1'

---

**Pillar 3 Section View – Sign Type G**

1/2" = 1'
Cluster Map Kiosk

**Sign Type H**

Programmed at the entrance of building clusters, these signs help to direct visitors to those destinations within the current cluster. Signs are to be located adjacent to main pedestrian walkway to allow for greatest visibility. Map artwork utilizes the existing map design and should be updated to align with cluster color designations.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts.

(b) Signs shall be located so as not to interfere with pedestrian traffic flow.

(c) Surrounding landscape architecture and lighting should be considered when locating this sign type. When possible, the sign should align to existing walkway, path or paver details.

(d) There should be a goal of two signs per cluster, although two are permissible, where necessary.
Cluster Map Kiosk

Sign Type H

Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics:
- Vinyl wrapped aluminum substrate
- Direct printed graphics to aluminum panel substrate
- Painted aluminum panel with applied vinyl

Panel
Letters: T1, V1a
Background: P2, P3, P4, P5, P6, P7

Note:
Background color determined by cluster
Cluster Directional

Sign Type I
Programmed within each building cluster, these signs help to direct and identify visitors to specific destinations within the current cluster. Signs are to be located adjacent to main pedestrian walkway to allow for greatest visibility. These signs should be used in conjunction with Sign Type G and I to identify buildings.

(a) Signs should be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts.

(b) Signs shall be located so as not to interfere with pedestrian traffic flow

(c) Surrounding landscape architecture and lighting should be considered when locating this sign type. When possible, the sign should align to existing walkway, path, or paver details.

(d) There should be a goal of one sign per cluster, although two are permissible, where necessary.
Cluster Directional

Sign Type I

Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics:
- Vinyl wrapped aluminum substrate
- Direct printed graphics to aluminum panel substrate
- Painted aluminum panel with applied vinyl

Panel
Symbols: V1a
Letters: T1, V1a
Background: P2, P3, P4, P5, P6, P7

Note:
Background color determined by cluster

1. Front Elevation – Sign Type I
   \[1/2" = 1'\]

2. Side Elevation – Sign Type I
   \[1/2" = 1'\]

3. Section View – Sign Type I
   \[1' = 1\]
Building Identification

Sign Type J

Programmed at the most prominent building entry. Buildings with multiple entries should be reviewed in order to determine which entry receives the greatest foot traffic and has the greatest visibility form a covered walk way or path.

(a) There should be a minimum of one sign per building, although one on opposing building sides is preferred.

(b) Signs should be installed within a clear space, free from ground vegetation and located within a suitable distance from the door to align with the building entry, yet offer the greatest amount of visibility from a covered walk way or path.

(c) Wayfinding Signs should be positioned in such a manner that does not restrict pedestrian circulation or lines of site.
Building Identification

Sign Type J

Production Notes
Materials: Aluminum, wood
Type: Post and panel construction, free standing
Graphics:
- Vinyl wrapped aluminum substrate
- Direct printed graphics to aluminum panel substrate
- Painted aluminum panel with applied vinyl

Panel Letters: T1, P2, P3, P4, P5, P6, P7
Background: V1b
Note: Letter color determined by cluster

Panel Letters: T1, V1a
Background: P2, P3, P4, P5, P6, P7
Note: Background color determined by cluster

Panel M1

Front Elevation – Sign Type J
1'/2" = 1'

Side Elevation – Sign Type J
1'/2" = 1'

Back Elevation – Sign Type J
1'/2" = 1'
Chapter 5:
Interior Sign Types

5.01 Interior Sign Type Overview
5.02 Cluster Family Overview
5.03 Cluster Family Overview
5.04 Restroom Flag Sign
5.05 Restroom Sign
5.06 Room Sign
5.07 Stair Egress Sign
5.08 Elevator Egress Sign
5.09 Elevator Door Identification
5.10 Directional
5.11 Accessibility Directional
Interior Sign Type Overview

Interior Signage

The overall design intent for the interior signage system is ease of use and implementation. The approach will allow for the University to fabricate and maintain the signage system within its own capabilities. Signs are constructed using acrylic, paint, and vinyl. Where needed, off-the-shelf components can be implemented to assist the fabrication process.

Sign color designation will align to each cluster based on their location. Specific sign type requirements will be determined on a building-by-building basis.

As part of the overall strategy, the Hawaiian language is not used on interior signage; this will allow for ease of fabrication as it relates to the sizes and scale of the signage.

Koa
Forest tree, largest of those native
Father of the forest, takes care of those below
Cluster Family Overview

Ki

<table>
<thead>
<tr>
<th>Restroom Flag</th>
<th>Restroom Sign</th>
<th>Room Sign (Changeable w/ Name/Title/Room)</th>
<th>Stair Egress Sign</th>
<th>Elevator Egress Sign</th>
<th>Elevator Door ID</th>
<th>Directional</th>
<th>Accessibility Directional</th>
</tr>
</thead>
</table>

Hau

<table>
<thead>
<tr>
<th>Restroom Flag</th>
<th>Restroom Sign</th>
<th>Room Sign (Changeable w/ Name/Title/Room)</th>
<th>Stair Egress Sign</th>
<th>Elevator Egress Sign</th>
<th>Elevator Door ID</th>
<th>Directional</th>
<th>Accessibility Directional</th>
</tr>
</thead>
</table>

Color application across the interior sign type family

Ki

Woody plant in the lily family
Social aspect, protective properties

Hau

Lowland tree
Used to make cordage and build housing
Restroom Flag Sign

Sign type is used to identify standard rooms (classroom, offices, etc) that is used by students, staff, or visitors. Sign header will include building room number in ADA compliant Grade 2 Braille.

Insert holders will be provided to allow for room designation changes. Inserts will be paper and provided by building operator.

Production Notes
Materials: Painted acrylic
Mounting: VHB tape and silicon
Graphics:
- Raised tactile lettering, painted
- Paper insert
Restroom Sign

Sign type is used to assist students and visitors with interior wayfinding. Located at major decision points, directionals will identify high level destinations (departments, classrooms, etc).

Directional band containing arrows and floor number will be permanent and will not change.

Destination strips will be removable to allow for greatest flexibility. Each strip will be secured with concealed set screw.

Production Notes
Materials: Painted acrylic
Mounting: VHB tape and silicon
Graphics: Vinyl

Restroom Sign Elevation
Scale: 1/2"=1'-0"
Room Sign

Sign type to be used within long corridors for maximum perpendicular visibility. Sign to be installed at 84" AFF for ADA code compliance.

Sign is double sided and is to be used with Restroom ADA door sign.

Production Notes:
- Materials: Painted acrylic
- Mounting: Stud mounted to existing surface with wall anchor and construction adhesive
- Graphics:
  - Vinyl
  - Masked and painted

Richard Matthewson
Associate Dean for Student Affairs

Additional Info Here

Room Sign

Half Full Size

Scale: 1/2"=1'-0"
Sign type is used to assist students and visitors with interior wayfinding. Located at all major decision points, directions will identify high-level destinations (departments, classrooms, etc.).

Directional band containing arrows and floor number will be permanent and will not change.

Destination strips will be removable to allow for greatest flexibility. Each strip will be secured with concealed set screw.

Production Notes
- Materials: Painted acrylic
- Mounting: VHB tape and silicon
- Graphics: Vinyl
Elevator Egress Sign

Sign type is used to identify standard rooms (classroom, offices, etc) that is used by students, staff, or visitors. Sign header will include building room number in ADA compliant Grade 2 Braille. Insert holders will be provided to allow for room designation changes. Inserts will be paper and provided by building operator.

Production Notes
Materials: Painted acrylic
Mounting: VHB tape and silicon
Graphics:
- Raised tactile lettering, painted
- Paper insert

Elevator Egress Sign

In Case Of Fire
Use Stairs Unless Otherwise Instructed

Egress Map Here
Elevator Door Identification

Sign type to be used within long corridors for maximum perpendicular visibility. Sign to be installed at 84" AFF for ADA code compliance.

Sign is double sided and is to be used with Restroom ADA door sign.

Production Notes
Materials: Painted acrylic
Mounting: Stud mounted to existing surface with wall anchor and construction adhesive
Graphics:
- Vinyl
- Masked and painted
Directional

Sign type is used to identify standard rooms (classroom, offices, etc) that is used by students, staff, or visitors. Sign header will include building room number in ADA compliant Grade 2 Braille.

Insert holders will be provided to allow for room designation changes. Inserts will be paper and provided by building operator.

Production Notes
Materials: Painted acrylic
Mounting: VHB tape and silicon
Graphics:
- Raised tactile lettering, painted
- Paper insert

Directional, Wall-mounted Elevation
Scale: 1/2"=1'-0"
Accessibility Directional

Sign type is used to assist students and visitors with interior way-finding. Located all major decision points, directionals will identify high level destinations (departments, classrooms, etc).

Directional band containing arrows and floor number will be permanent and will not change.

Destination strips will be removable to allow for greatest flexibility. Each strip will be secured with concealed set screw.

Production Notes
Materials: Painted acrylic
Mounting: VHB tape and silicon
Graphics:
- Vinyl

Accessibility Directional Elevation
Scale: 1/4" = 1'-0"
Chapter 6: Next Steps
Next Steps