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<td>Type Q: Vertical Banner - Square Pole, Elevation, Detail</td>
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<td>Type Q: Vertical Banner, Detail</td>
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</tbody>
</table>
Section 1 // General Information: Acknowledgements

I ACKNOWLEDGEMENTS:

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Cathleen Matsushima, Manager, Commuter & Fleet Services
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Hilo, Hawai‘i
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Cliff How, Project Manager
The University of Hawai'i at Mānoa (UHM) signage and wayfinding program provides students, faculty, administrators, and visitors a clear and welcoming experience of the Mānoa campus. This program will help to create a sense of place, enhance the brand image of the campus, and be reinforced by its consistent application across all areas of campus. These guidelines include specifications for the quality of fabrication, durability, form, font style, sizes, colors, icons, brand image, technology, use of material, and finishes in all signage installations.

Disability and Communications Access Board (DCAB) adopted the 2004 Americans with Disabilities Act Accessibility Guidelines (ADAAG) as of January 1, 2011 and subsequently passed interpretive opinions consistent with the 2010 ADA Standards. All new Interpretive Opinions can be viewed or downloaded at: http://www.state.hi.us/health/dcab/interpretiveops/

All signage and graphics shall conform to the Department of District’s 2010 ADA Standards for Accessible Design (2010 ADA Standards), and be submitted to the DCAB for review. Please note the following:

All buildings, facilities, and sites shall conform to applicable federal, state, and county accessibility guidelines and standards. Hawaii Revised Statues §103-50 requires all State of Hawaii or County government buildings, facilities, and sites to be designed and constructed to conform to the Americans with Disabilities Act Accessibility Guidelines, the Federal Fair Housing Amendments Act, and other applicable design standards as adopted and amended by the Disability and Communication Access Board. The law further requires all plans and specifications prepared for the construction of signage and graphics may be reviewed by the Hawai`inuiākea School of Hawaiian Knowledge, if deemed appropriate by the OPF Planning Office. Signage and graphics may be reviewed by the Hawai`inuiākea School of Hawaiian Knowledge, if deemed appropriate by the OPF Planning Office. All signage shall require a limited warranty, clear and achievable maintenance guidelines, and be available for reorder in a timely manner.
The University of Hawai‘i at Mānoa Campus Signage Guidelines project seeks to provide the University’s visitors, students, faculty and staff with a clear and welcoming experience to the Manoa campus through effective and efficient exterior signage. The new exterior signage package will assist the University:

- Enrich its sense of place
- Enhance the brand image of the University
- Provide a clear and consistent visual experience across the University campus

With the specific needs of visitors in mind the signage guidelines will assist campus visitors arrive at and navigate around the University to their intended destinations while learning about the University and its many features and amenities along their journey.

Prioritize Destinations:
It is infeasible to list all possible destinations at any given decision point. People will not assimilate or retain more than three or four messages at any given point (Manual on Uniform Traffic Control Devices, 2D.07. See 1.4 Codes, Standard + Guidelines). Therefore priority is to be given to those destinations with the highest use by unescorted visitors.

Aina-Based Information:
Provide cultural and location specific information and place names to connect visitors, students, faculty and staff to the history of the Manoa campus. Enhance the University as a place of learning and cultural (ancestral and contemporary) knowledge generation and transmission.

Visitor Parking:
Visitor parking areas are not only high priority destinations but also places to orient and inform first-time visitors as they disembark from their vehicles.

Consistency:
Signage will be most effective if it works as a system to allow visitors to quickly become familiarized with the signing and develop expectations of where to look for further information on their campus visit. To accomplish this signage is to be consistent in color, scale, and placement. Messages on signage are to be consistent, using the same nomenclature, from campus entry gateways, to vehicular directional signage, to pedestrian directional signs to finally arriving at destination identification signage.

Aesthetics:
Signage is to be both attractive and informative complementing the University’s setting and landscape plan.

Need Basis:
To maintain the open uncluttered appearance of the University new signage is to be implemented on a need-to-know basis. In other words the information on the sign must present necessary information. In addition to proposing necessary new signage, this project proposes the removal of redundant and ineffective existing signage.

Coordination:
Coordination of the exterior and interior signage approaches will allow the University to provide a consistent visitor experience. Coordination of signage with updates to traffic circulation, lighting, architectural and landscape improvements will allow the University to maintain an integrated presentation to visitors and the University community as the campus evolves.

Maintenance:
Execution of signage is to be designed such that initial installation, updating, and maintenance are within the capabilities of the Facilities Management Office.
The University seal shall be used throughout the wayfinding program and will establish brand identity and consistency.

The University name shall be used as a visual graphic throughout the wayfinding program and will establish brand identity and consistency.

APPROVED SIGNAGE FONTS:

Frutiger 57 Condensed

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

Frutiger 57 Condensed, Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

Frutiger 57 Condensed, Bold, Blue

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

The above Frutiger 57 Condensed, Bold, Blue font is to be used for Hawaiian language text on signage. Hawaiian text is to be the same height as the English text on informational signs (or as specifically noted on sign types) and to be 1/2 - 3/4” height of English text on directional signage for legibility.

‘OKINA & KAHAKO APPLICATION:

The ‘Okina and the Kahakō frequently appear in Hawaiian words. The ‘Okina and the Kahakō indicate how words are pronounced. The ‘Okina is the apostrophe mark and will create a brief break in a word. The ‘Okina is an official consonant in the Hawaiian language. The Kahakō is a stress mark or macron that can appear over vowels only. The vowels are ā, ē, ī, ō, and ū. Not using the ‘Okina or Kahakō can greatly change how a word sounds and its basic meaning.

Consult with an expert of the Hawaiian language for the proper use of Hawaiian words. Signage will be rejected if the application of the ‘Okina or Kahakō is not properly used. Common examples utilized on the signage herein include:

HAWAI`I  MĀNOA
‘Okina  Kahakō

IDENTITY:

The University seal shall be used throughout the wayfinding program and will establish brand identity and consistency.

The University name shall be used as a visual graphic throughout the wayfinding program and will establish brand identity and consistency.
### Section 1 // General Information: Signage Branding

**YOU ARE HERE GRAPHIC:**

The you are here symbol is a clean and simple graphic to indicate where the pedestrian is located relative to their actual location, while looking at any one of the campus or district maps.

### COLOR PALETTE

<table>
<thead>
<tr>
<th>NAME</th>
<th>CMYK</th>
<th>RGB</th>
<th>HEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>PANTONE 3435 DARK GREEN</td>
<td>C: 90 M: 44 Y: 81 K: 50</td>
<td>R: 1 G: 70 B: 49</td>
<td>014631</td>
</tr>
<tr>
<td>PANTONE 3435 DARK GREEN 80%</td>
<td>C: 90 M: 36 Y: 82 K: 28</td>
<td>R: 3 G: 100 B: 69</td>
<td>036445</td>
</tr>
<tr>
<td>CAMEO WHITE CORIAN</td>
<td>C: 0 M: 0 Y: 0 K: 0</td>
<td>R: 255 G: 255 B: 255</td>
<td>FFFF00</td>
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<tr>
<td>NOCTURNE BLACK</td>
<td>C: 0 M: 0 Y: 0 K: 100</td>
<td>R: 0 G: 0 B: 0</td>
<td>000000</td>
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<tr>
<td>PANTONE COOL GRAY 1 (20% BLACK)</td>
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<td>R: 217 G: 217 B: 214</td>
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<td>R: 214 G: 0 B: 28</td>
<td>D6001C</td>
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</tbody>
</table>

**VI KAPA PATTERN:**

The kapa pattern is a decorative pattern that has ties to the Hawaiian culture and contributes to a sense of place.

**VII TARO LEAF PATTERN:**

The taro leaf pattern stems from the importance of taro, otherwise known as "kalo," and its role in the Native Hawaiian creation story. The growing and cultivation of taro is traditional in the Hawaiian culture and contributes to the University’s sense of place.

**VIII DIRECTIONAL ARROWS:**

The pedestrian directional arrow is clean, simple, and functional and recalls the traditional Hawaiian Kapa pattern adding to the University’s sense of place. The vehicular directional arrow should be used according to the specifications provided herein.
Proposed wayfinding and signage designs are to be based upon the Codes, Standards, and Guidelines summarized below or as updated, amended, and adopted by the jurisdiction having authority:

I ARCHITECTURAL:

- 2006 International Building Code as amended by the City and County of Honolulu
- 2010 ADA Standards for Accessible Design – Department of Justice
- Land Use Ordinance, Department of Planning and Permitting, City and County of Honolulu (pertaining to signage adjacent to public right-of-ways)
- Signage on campus property subject to Planned Review Use guidelines (City approved University signage)
- University of Hawai‘i at Mānoa – Signage Guidelines – May 2014 (Prepared by Osaki Creative Group)
- University of Hawai‘i at Mānoa – Plan Review Use – 1989
- University of Hawai‘i at Mānoa – Accessibility Map

Prepared by Julsun Pacheco of the Department of Geography (it is understood by the University and Design Team that this accessibility map is outdated. A new accessibility study is planned/underway by the University but the findings of this study will not be available to the Design Team during their scope of services. The current Pacheco Accessibility Map therefore is to serve as the basis of the Design Team’s locating ADA signage).

- Manual on Uniform Traffic Control Devices (MUTCD), 2009 edition (applicable to vehicle signage located beside public roadways)
- University of Hawaii at Manoa Campus Heritage Report, 2008

II ELECTRICAL:

- 2006 International Building Code as amended by the City and County of Honolulu
- Revised Ordinance of Honolulu, Chapter 17, Electrical Code
- Revised Ordinance of Honolulu, Chapter 67, Building Code
- Revised Ordinances of Honolulu, Chapter 32, Building Energy Efficiency Standards
- 2010 ADA Standards for Accessible Design – Department of Justice
- Illumination Engineering Society (IESNA) Guidelines

III STRUCTURAL:

- 2006 International Building Code as amended by the City and County of Honolulu
- ACI-318 American Institute of Concrete Construction Building Code requirements for reinforced concrete
- AISC Manual of Steel Construction, 14th edition
- AISI Cold-formed Steel Design Manual
All tactile signs should be mounted within a range which allows for a consistent height of tactile signage. Signs are to be mounted at a height to allow the baseline of raised characters to be located no lower than 48” from the floor surface to the lowest copy and no higher than 60” above the ground from the highest copy. No signs are allowed to be installed on doors except for Restroom identification signs or where other options are unavailable.

Where a tactile sign is provided at a door, the sign shall be located alongside the door on the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right-hand door on the hinge side.

Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.
Section 1 // Exterior Signage: Approval Process

I APPROVAL PROCESS:

The UHM Signage Guidelines are administered by the Office of Planning + Facilities (OPF). Additional signage and graphics not already included in the UHM Signage Guidelines shall be submitted to the OPF for approval prior to installation.

The installation of signage and graphics on any UHM campus facility or grounds must be administered by an approved UHM OPF Project Manager.

Note that various autonomous and semi-autonomous organizations have facilities on University property including Campus Center and the East West Center. OPF to advise on these and other potential organizations or departments that require additional coordination and approvals prior to signage being installed in or near their facilities.

OPF:
• Administers the UHM Signage Guidelines and reviews protocol
• Determines if additional signage and graphics proposed fit within overall campus plans and is consistent with the graphics of the signs contained herein.
• Provide advices on whether any conflicts or impediments need to be addressed to gain approval

A UHM OPF Project Manager works with a design consultant and a licensed installation contractor for:
• Administration of the project
• Technical drawings and specifications
• Requests for approval from OPF
• Cost estimates
• Purchasing, fabrication, and installation of signs

II CONTACTS:

Office Of Planning + Facilities (OPF):
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http://manoa.hawaii.edu/planning/

Hawaiian Cultural Advisor:
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Dean, Hawai‘inuikea School of Hawaiian Knowledge
University of Hawai‘i at Manoa
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Honolulu, HI 96822
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mabenham@hawaii.edu

Disability And Communication Access Board (DCAB)
919 Ala Moana Blvd., Rm 101
Honolulu, HI 96814
Ph. (808) 586-8121
http://www.hawaii.gov/health/dcab
INTERIOR SIGNAGE FAMILIES:

Sign Type 1: Interior Directories:
Interior directory signs include room numbers, room occupants and room functions within campus buildings. Department/Floor directories will be placed near department/floor entrances and are used to identify faculty and room numbers for a department or floor.

Sign Type 2: Secondary Interior Directories:
Secondary interior directory signs include room numbers, room occupants and room functions within campus buildings. Department/Floor directories will be placed near department/floor entrances and are used to identify faculty and room numbers for a department or floor.

Sign Type 3: Room Identification Signs:
Room identification signs consist of a name and title plate for identification. Room identification signs will be used where name/title identification is desired, i.e. faculty offices.

Sign Type 4: Secondary Room Identification Signs:
Secondary room identification signs consist of smaller signs used to identify rooms specifically for staff and maintenance areas, storage, and other facilities related to employee use which must comply with ADAAG section 216.3. Secondary room identification signs are ADA required signs, to all publicly accessible rooms, which include raised/tactile letters in Braille.

Sign Type 5: Restroom Identification Signs:
Restroom signs consist of the ADA standard men and women symbols accompanied by the International Symbol of Access, if appropriate, and Braille lettering.

Sign Type 6: Accessibility Identification Signs:
Where not all entrances are accessible, the International Symbol of Accessibility (ISA) shall identify the accessible entrances. At any inaccessible entrance, directional signage shall indicate the direction to travel to reach the nearest accessible entrance as required by ADAAG section 216.6.

Sign Type 7: Other Signs:
All other signs which do not fit into the classifications stated above are included in this category. These may include electronic message centers, commemorative plaques, kiosks, temporary signs, construction signs, signs in the Campus Natural Areas graphics, and other signs not conforming to the overall campus sign system.
FLOOR + NUMBERING GUIDELINES:

I GENERAL:
These numbering conventions have been developed and should be followed throughout University of Hawai‘i at Manoa controlled facilities for the purpose of standardizing floor and room numbers.

For new buildings, these standards shall be followed as closely as possible. In cases of renovations or additions to existing buildings, the building's existing numbering system can be extended or abandoned. If abandonment is chosen, use the following standards to re-number the entire building including the renovated, additional and existing spaces.

The intention is for each facility’s floor and room numbering scheme to be structured so that the numbers flow through the building in a consistent, comprehensible, and user-friendly pattern. The scheme should be clear to the users of the facility, not causing confusion for individuals attempting to locate spaces.

The first character of a room number indicates the floor level of the building. Level “1” (or “01”, see below) should be the uppermost half flight above grade. Levels below this shall use “B” for Basement, “SB” for Sub-Basement, and “SB2”, “SB3”, etc. for descending floors. See example below representing floor stacking.

Buildings located on severely sloped sites may need to vary from this rule, where necessary. On these sites, floor numbered “1” may not, in fact, be the uppermost floor entered at grade. In these cases “B”, “SB”, “SB2”, etc. may also be used to represent these levels. If a building has more than nine floors, the floor indicator shall consist of two characters, i.e. “08”, “09” “10”, “11”, etc.

Usable attic floors and penthouse levels shall be numbered as whole floors. For example, a two-story penthouse atop a three floor building will be numbered as the fourth and fifth floors. Do not use prefixes such as “R” for roof level.

II FLOOR NUMBERING:

<table>
<thead>
<tr>
<th>Level Character</th>
<th>Level Description</th>
<th>Assignable Room #: Example</th>
<th>Non-Assignable Room #: Example</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>300 Level</td>
<td>303</td>
<td>300ME1</td>
</tr>
<tr>
<td></td>
<td>200 Level</td>
<td>203</td>
<td>200ME1</td>
</tr>
<tr>
<td></td>
<td>100 Level</td>
<td>103</td>
<td>100ME1</td>
</tr>
<tr>
<td>Grade</td>
<td>Below Grade</td>
<td>B03</td>
<td>B00ME1</td>
</tr>
<tr>
<td></td>
<td>Basement Level</td>
<td>SB03</td>
<td>SB00ME1</td>
</tr>
<tr>
<td></td>
<td>Sub-Basement Level</td>
<td>SB203</td>
<td>SB200ME1</td>
</tr>
<tr>
<td></td>
<td>Sub-Basement 2 Level</td>
<td>SB2003</td>
<td>SB2000ME1</td>
</tr>
</tbody>
</table>

Section 2 // Interior Signage Specifications: Floor & Numbering Guidelines

III ROOM NUMBERING:

Use three digit numbers for buildings with 9 or fewer floors and 99 or fewer rooms per floor.

Examples:
251 indicates room number (51)  
123A indicates room number (23A)  
B03 indicates room number (03)  

Use four digit numbers for buildings exceeding 9 floors or having more than 99 rooms per floor. Buildings with wings or sections can also use four digit numbers if this makes the numbering scheme easier to navigate.

Examples:
1251 indicates room number (51)  
0123A indicates room number (23A)  
0803 indicates room number (03)  

IV FLOOR NUMBERING:

Use three or four digit numbers (plus optional alpha suffix) consistently throughout the building. Each rooms shall be numbered by floor number first, where the first digit may be optionally replaced with the letter “B”, “SB”, “SB2”, etc. (see floor numbering above). The length depends upon the size of the building and once chosen shall be consistent throughout the entire building.
V CORRIDORS:

All public corridors shall be identified using the century numbers followed by “PC1”, “PC2”, “PC3”, etc. (example: B00PC1, 100PC1, 200PC1, 300PC1). Corridors located within assignable suites shall be given standard room numbers.

Numbers Should Flow From One End Of The Building To The Other:
In a building with only one dividing corridor, room numbers shall flow in ascending order from one end of the building to the other.
In a building with a more complex corridor system, numbers shall flow in ascending order in a clockwise direction through the corridors from the main entrance, or similar location such as elevator lobby.

Use Odd Numbers On One Side Of A Corridor And Even Numbers On The Other Side:
Room numbers shall be coordinated so that even numbers are on one side of a corridor and odd numbers are on the other side.
In more complex designs, or where the availability of numbers is limited, the odd-even format can be abandoned if consecutive numbering results in a more logical scheme.

Skip Numbers To Maintain Succession Of Room Numbering:
In some instances, room numbers on one side of a corridor shall be skipped in order to maintain succession with the room numbers on the opposite side of the corridor. This may occur, for example, when a suite of rooms or large space is accessed through a single door and there are no other doors on that same side until further down the corridor. This will allow for future renovations that may convert suites or large spaces into separate or small rooms with a corridor door.

Skip Numbers To Allow For Future Renovations:
When a corridor contains large rooms such as classrooms, meeting rooms, etc. on both sides of the corridor, room numbers shall be skipped to allow for future renovation of a large space into smaller spaces. Sufficient numbers shall be reserved to allow for the large spaces to be divided into standard size office spaces. Consider using the structural grid as a reference.

Use Similar Numbering On Each Floor:
Numbering systems on all floors shall be as similar as possible even when the floor plans vary significantly. To the greatest extent possible, and without creating other inconsistencies, rooms with like digits in the last positions shall be located in the same position within the building. Thus B01, 101, 201, 301, etc. occur in a vertical stack.

Use Alphabetic Suffixes For Rooms Entered From Other Rooms (Rather Than A Corridor):
Rooms entered from a main corridor or lobby shall be numbered with no letter suffix. Rooms which open off of a primary room, and not from a corridor (such as in a suite of offices), shall inherit the primary room’s number appended with a letter suffix (example: Reception 301, Office 301A, Office 301B, Office Storage 301C). Assign suffix letters in the order rooms are encountered and, where possible, in the same direction as the overall numbering sequence. Only a single suffix is allowed (unless the room is designated a non-assignable space, see section below); thus in the case where the first room already has a suffix, the next alphabetic designation shall be used. Avoid the letters “I” and “O” which may be interpreted as numbers. Large suites with many rooms can use non-suffixed numbers if it makes the numbering scheme more understandable.

Each Room Should Have Only One Number:
Each room should have only one number regardless of the number of doors opening into it. Exceptions can be made where a particularly large room is subdivided into different areas of use, such as by cubicles. In these cases, one-character letter suffixes are added to create unique numbers. Where the number of areas exceeds the suffixes available, additional sequential numbers should be used.

Number All Accessible Spaces:
In addition to rooms, all interior spaces that can be directly accessed such as corridors, vestibules, stairwells, elevator shafts, and accessible pipe spaces shall be numbered in a manner as consistent as possible with standard room spaces. Where doors or walls separate different areas of these spaces, each area shall receive its own unique number.
VI NON-ASSIGNABLE SPACES:
Non-assignable spaces (according to the Postsecondary Education Facilities Inventory and Classification Manual (FICM), 2006 Edition) shall be identified using the century numbers followed by the appropriate letter suffix as indicated below. Where multiple instances exist, use the appropriate letter suffix followed by a single digit number. Similar to assignable spaces, non-assignable spaces shall be aligned vertically where possible. For example, a continuous stairway shall be numbered accordingly on each floor; 100S2, 200S2, 300S2, 400S2, 500S2, etc.


<table>
<thead>
<tr>
<th>FICM</th>
<th>Description</th>
<th>Suffix</th>
<th>Room Number Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>W01</td>
<td>Bridge</td>
<td>BR</td>
<td>400BR</td>
</tr>
<tr>
<td>W02</td>
<td>Tunnel</td>
<td>TN</td>
<td>400TN</td>
</tr>
<tr>
<td>W02</td>
<td>Elevator</td>
<td>E</td>
<td>400E1, 400E2</td>
</tr>
<tr>
<td>W03</td>
<td>Escalator</td>
<td>ES</td>
<td>400ES1, 400ES2</td>
</tr>
<tr>
<td>W04</td>
<td>Loading Dock</td>
<td>LD</td>
<td>400LD</td>
</tr>
<tr>
<td>W05</td>
<td>Lobby</td>
<td>LB</td>
<td>400LB</td>
</tr>
<tr>
<td>W06</td>
<td>Public Corridor</td>
<td>PC</td>
<td>400PC1, 400PC2</td>
</tr>
<tr>
<td>W07</td>
<td>Stairway</td>
<td>S</td>
<td>400S1, 400S2</td>
</tr>
</tbody>
</table>

Building Services Areas

| X01  | Custodial Supply Closet | CS     | 400CS               |
| X02  | Janitor Room           | JC     | 400JC               |
| X03MR | Public Restroom - Men | MR     | 400MR               |
| X03WR | Public Restroom - Women | WR | 400WR              |
| X03UR | Public Restroom - Unisex | UR | 400UR             |
| X04  | Trash Room             | TR     | 400TR               |

Mechanical Areas

| Y01  | Central Utility Plant | UT     | 400UT               |
| Y02  | Fuel Room             | FL     | 400FL               |
| Y03  | Shaft                 | SH     | 400SH1, 400SH2      |
| Y04ME| Mechanical Space      | ME     | 400ME1, 400ME2      |
| Y04EC| Electrical Space      | EC     | 400EC1, 400EC2      |
| Y04TE| Telecommunications Room | TE | 400TE1, 400TE2      |

VI CONFLICTS + SPECIAL CASES:
In the case of conflicts or questions, the Office of OPF shall be consulted and will provide an appropriate room numbering scheme to be implemented.

Special thanks to the Georgia Institute of Technology. Most of the content found herein was derived from the well-constructed Building, Floor, and Room Numbering Guidelines produced by their Office of Capital Planning & Space Management and published at www.space.gatech.edu/assets/RoomNumbering.pdf.
SIGN TYPE 1 - MODULAR PANEL EXTENSIONS:
The Interior Directory Sign is designed as a modular system with a 14" x 36" extension panel for room additions and a informational panel that can be utilized for historical or educational purposes. Each panel is design to align flush to one another when mounted. See 4.1.1 in Fabrication Guidelines for complete details.

SIGN TYPE 1 - BASE MODULE:
All Interior Directory Signs are standardized to create consistency throughout the campus. Each sign has a removable insert to identify each room by text, number, and color. Each sign is fabricated out of Corian and aluminum brackets with secure locking screws. See 4.1.2 in Fabrication Guidelines for complete details.

---

**Interior Directory Extension Specifications:**

- **SIGN REFERENCE NUMBER:** 001A
- **SIGN TYPE:** Sign Type 1 - Interior Directory Extension
- **DIMENSIONS:** 14" x 36" Extension Panel
- **COLOR:** Corian - (Style: Nocturne Black and Cameo White) - PMS Cool Gray 1, PMS 3435 (Green)
- **FONT:** Frutiger Condensed
- **MATERIAL:** Corian (Style: Nocturne Black and Cameo White)
- **FABRICATION SPECIFICATIONS:** Engraved/sandblasted tapa pattern • Color filled engraving for room identification • 2" x 14" x .1/4" Removable corian name plates with magnetic backing and side locking system • Hidden wall hang bar installation • See Fabrication Guidelines
- **ADA REQUIREMENTS:** Visual characters 5/8" (minimum) shall be mounted 40" (minimum) above the finish floor or ground per 2010 ADA Standards section 703.5.5.

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**Additional/Optional modular panels that may be added:**

- History / Educational Panel 3/4" HPL (high pressure laminate) that may be added.

**History / Educational Panel to be provided in both English and Hawaiian Language**

(Hawaiian text shown for reference, exact text per University.)

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**Interior Directory Specifications:**

- **SIGN REFERENCE NUMBER:** 001
- **SIGN TYPE:** Sign Type 1 - Interior Directory
- **DIMENSIONS:** 21" x 36" (New)
- **COLOR:** Corian - (Style: Nocturne Black and Cameo White) - PMS Cool Gray 1, PMS 3435 (Green)
- **FONT:** Frutiger Condensed
- **MATERIAL:** Corian (Style: Nocturne Black and Cameo White)
- **FABRICATION SPECIFICATIONS:** Engraved/sandblasted tapa pattern • Engraved/sandblasted University seal • Color filled engraving for room identification • 2" x 14" x .1/4" Removable corian name plates with magnetic backing and side locking system • Hidden wall hang bar installation • See Fabrication Guidelines
- **ADA REQUIREMENTS:** Visual characters 5/8"(minimum) shall be mounted 40" (minimum) above the finish floor or ground per 2010 ADA Standards section 703.5.5.
SIGN TYPE 2 - SECONDARY INTERIOR DIRECTORY SIGN:

All Secondary Interior Directory Signs are standardized to create consistency throughout the campus. Each sign has a removable insert to identify each room by text and color. Each sign is fabricated out of Corian and aluminum brackets with secure locking screws. Directional signs shall comply with 2010 ADA Standards section 703.5.5 and be mounted per 2010 ADA Standards section 703.4. See 4.2 in Fabrication Guidelines for installation details.

### SIGN REFERENCE NUMBER:
002

### SIGN TYPE:
Sign Type 2 - Secondary Interior Directory

### DIMENSIONS:
20” x 12”

### COLOR:
Corian (Style: Nocturne Black and Cameo White): PMS Cool Gray 1, PMS 3435 (Green)

### FONT:
Frutiger Condensed

### MATERIAL:
Corian (Style: Nocturne Black and Cameo White)

### FABRICATION SPECIFICATIONS:
- Engraved tapa pattern and University seal • Color filled engraving for room identification and arrows • 8” x 14” x 1/4” Removable corian name plates with magnetic backing and side locking system

### INSTALLATION:
Hidden wall hang bar installation • See Fabrication Guidelines

### ADA REQUIREMENTS:
Sign shall be mounted 40” (minimum) above the finish floor

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Installation on all wall surfaces: 632 Stainless studs with silicone and “VHB” tape installation

**NOTE:**
The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.
SIGN TYPE 3 - ROOM IDENTIFICATION SIGN:
Each Room Identification Sign has a removable insert which is fabricated out of Corian and aluminum brackets with secure locking screws. Signs are to be mounted per 2010 ADA Standards section 703.4. See 4.3.1 + 4.3.2 in Fabrication Guidelines for installation details.

Office of Physical, Environmental, and Long Range Planning

Room Identification Sign Specifications:

SIGN REFERENCE NUMBER: 003
SIGN TYPE: Sign Type 3 - Room Identification Sign
DIMENSIONS: 5" x 8"
COLOR: Corian - (Style: Nocturne Black and Cameo White) - PMS Cool Gray 1, PMS 3435 (Green)
FONT: Frutiger Condensed
MATERIAL: Corian - (Style: Nocturne Black and Cameo White)
FABRICATION SPECIFICATIONS:
- Engraved/sandblasted tapa pattern and University seal • Color filled engraving for room identification and faculty name • 3" x 8" Removable corian name plates with magnetic backing and side locking system
INSTALLATION: • See Fabrication Guidelines
ADA REQUIREMENTS:
- Font: Frutiger Condensed 3/4" ht. 1/32" Acrylic 703.2 Raised Characters • Raised Tactile Braille – Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille

SIGN TYPE 3 - ROOM IDENTIFICATION SIGN W/ DUAL TENANTS:

Spencer Leineweber
Professor of Architecture

Pu Miao
Professor of Architecture

Room Identification Sign Specifications:

SIGN REFERENCE NUMBER: 003
SIGN TYPE: Sign Type 3 - Room Identification Sign
DIMENSIONS: 5" x 8"
COLOR: Corian - (Style: Nocturne Black and Cameo White) - PMS Cool Gray 1, PMS 3435 (Green)
FONT: Frutiger Condensed
MATERIAL: Corian - (Style: Nocturne Black and Cameo White)
FABRICATION SPECIFICATIONS:
- Engraved/sandblasted tapa pattern and University seal • Color filled engraving for room identification and faculty name • 3" x 8" Removable corian name plates with magnetic backing and side locking system
INSTALLATION: • See Fabrication Guidelines
ADA REQUIREMENTS:
- Font: Frutiger Condensed 3/4" ht. 1/32" Acrylic 703.2 Raised Characters • Raised Tactile Braille –
SIGN TYPE 4 - ROOM IDENTIFICATION SIGN:
This sign is used where shorter room names and numbers can be used. Each sign is fabricated out of Corian and aluminum brackets with secure locking screws. See 4.3.3 in Fabrication Guidelines. Signs shall be mounted according to 2010 ADA Standards section 703.5.5.

- **SIGN TYPE:** Room Identification Sign
- **DIMENSIONS:** 3" x 5' x 1/4"
- **COLOR:** Corian - Style: Nocturne Black and Cameo White - PMS Cool Gray 1, PMS 3435 (Green)
- **FONT:** Frutiger Condensed
- **MATERIAL:** Corian (Style: Nocturne Black and Cameo White)
- **FABRICATION SPECIFICATIONS:** Engraved/sandblasted tapa pattern and University seal • Color filled engraving for room identification and arrows
- **INSTALLATION:** Pin mount to wall surface with HHB tape and silicone • See Fabrication Guidelines
- **ADA REQUIREMENTS:** Sign shall be mounted per 2010 ADA Standards section 703.4 • .75" tactile room number or minimum height per 2010 ADA Standards section 709.5.5 • Braille to be aligned at center of sign below room identification

NOTE: The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.
SIGN TYPE 5 - RESTROOM IDENTIFICATION SIGN:
Each Restroom Identification Sign is fabricated out of engraved Corian with color fill. Signs will be installed flush to door surface (See Fabrication Guidelines for installation details). No other signs are allowed to be installed on doors unless required for “EMERGENCY” or “ADA” purposes. Signs are to be mounted per 2010 ADA Standards section 703.4. See 4.4 in Fabrication Guidelines for installation details.

Wall Door Plaque -
1/4" Corian
Color: Cameo White

Raised Characters -
Printed 9/16"
Hatched pictograms: 3" to 1/2"
Grade 2 Braille as stated in the 2010 ADA Standards section 703.2 Raised Characters

Color: Paint to match PMS 3435 Green

NOTE: Location per 703.4.1 Height Above Finish Floor or Ground.

Location between 48" and 60" above ground. See 2010 ADA Standards section 703.4

• ADA requires pictograms to be located within a 6" vertical void. No characters or braille can be located within this field. See 2010 ADA Standards section 703.6
• ADA requires signs to be mounted at a height to allow the baselines of raised characters to be located between 48" and 60" above ground. See 2010 ADA Standards section 703.4

SIGN TYPE 6 - FLOOR LEVEL IDENTIFICATION SIGN:
This sign is required inside stairwells in all buildings with 3 or more floors and contains life safety information for firefighters, emergency personnel, and building occupants. See 4.5 in Fabrication Guidelines for installation details.

Building 1 D. Letters:
1" Yahei. Color is printed on surface 1/32" Stainless steel.
Color: 1/32" with PMS 3435 Green

Floor Level Plaque -
1/4" Corian
Color: Cameo White

Raised Characters -
Printed 9/16" Corian (Style: Cameo White)
Grade 2 Braille as stated in the 2010 ADA Standards for Accessible Design, 703.2 Raised Characters

Color: Paint to match PMS 3435 Green

NOTE: The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

Location per 2010 ADA Standards section 703.4

• ADA requires sign to be located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

Section 2 // Interior Signage Specifications: Restroom & Floor Level Identification Signs

UHM Signage Guidelines // interior signage specifications
SIGN TYPE 7 - ADDITIONAL INFORMATION SIGNS:

Additional interior signs were standardized to create consistency throughout campus. Each sign is fabricated out of engraved Corian with color fill. See Fabrication Guidelines for installation details. Mounting height shall be according to 2010 ADA Standards section 703.4 where applicable. See 4.6 in Fabrication Guidelines for installation details.

SIGN REFERENCE NUMBER: 007
SIGN TYPE: Sign Type 7 - Additional Interior Identification Sign
DIMENSIONS: 6” x 6” x 1/4”
COLOR: Corian - (Style: Cameo White)- PMS 3435 (Green letter and pictograms)
FONT: Frutiger Condensed
MATERIAL: Corian (Style: Cameo White)
FABRICATION SPECIFICATIONS:
- Raised Characters: Font: Frutiger Condensed 3/4” ht. 1/32” acrylic applied to Corian as stated in the 2010 ADA Standards for Accessible Design section 703.2. Raised Characters Color: Paint to match PMS 3435 Green
- Raised Tactile Braille: Grade 2 bead braille as stated in the 2010 ADA Standards for Accessible Design, 703.3 Braille Color: Paints to match PMS 3435 Green
- International Symbols: Pictograms without descriptive text do not have tactile. Section 703.7.2. Pictograms without descriptive text do not have tactile. Section 703.7.2. Color: Paint to match PMS 3435 Green
- Braille Color: Paint to match PMS 3435 Green

ADDA REQUIREMENTS:
- ADA requires pictograms to be located within a 6” vertical void. No characters or braille can be located within this field. See 2010 ADA Standards section 703.6
- ADA requires signs to be mounted at a height to allow the baselines of raised characters to be located between 48” and 60” above ground. See 2010 ADA Standards section 703.4

FRONT VIEW
INSTALLATION ON ALL WALLS: 632 Stainless studs with silicone and “VHB” tape installation
INSTALLATION ON GLASS: Silicone and “VHB” tape. Back with 3-M flat black vinyl adhesive with screen printed university seal

NOTE:
Locate per 703.4.1 Height Above Finish Floor or Ground.
EXTERIOR SIGNAGE SPECIFICATIONS
I EXTERIOR SIGNAGE CATEGORIES:

Identification
Assist visitors, emergency personnel, staff, students, and faculty identify a building or facility as part of their wayfinding and to locate their destination.

Wayfinding
Includes maps and directional signage for first-time visitors to key public destinations. To assist in providing equal access to all campus visitors accessible routing and entrance signs facilitate routing to the nearest accessible entrance to a building.

Informational
Identifies specific areas of campus: with wireless enabled, display of outdoor banners, temporary event notices, and visitor alerts to where automobiles, parking, smoking, or other activities may be allowed or restricted.

II SIGN FAMILIES:

Building Identification
The purpose of Building Identification signs is to identify the name and address of each building or facility on campus to allow visitors, emergency personnel, staff, students, and faculty to locate their destination.

Campus Maps
Maps provide visitors to the University with detailed information about, and orientation to, the campus allowing them to reach their intended destination.

Vehicular and Pedestrian Directional
Vehicular signage welcomes visitors to the University and provides motorists with directional guidance to key campus facilities/landmarks and to public parking facilities. From these parking facilities visitors can then proceed on foot being guided by Pedestrian signage guiding them to their desired destination.

Building Entrance and Accessible Routing
Supporting Building Identification signs, building entrance signs offer an eye height identification of the building arrived at. Accessible routing signs offer all campus visitors accessible routes to the nearest accessible entrance.

Banners
Outdoor banners, freestanding or light pole mounted, alert the University community and visitors to upcoming temporary events as well as offer the University branding opportunities to assist in place making and University identity.
SIGNAGE DEMOLITION APPROACH:
When existing campus exterior signage, both building and site mounted, is:

- Deteriorating or otherwise beyond repair
- Obsolete to current conditions
- Not in alignment with the new signage design guidelines
- Redundant to adjacent signage

these signs are to be demolished to maintain the open, natural environment of the University and to enhance clarity of University signage for visitors.

DEMONLITION PRINCIPLES:

Deteriorating
Existing signage which is deteriorating or otherwise beyond repair shall be removed.

Obsolete – When site conditions and construction have been updated or revised in such as manner to render an existing sign’s information incorrect such signs are to be demolished.

Non-alignment with New Standards
To maintain visual consistency of University signage, signs not in close alignment with these signage guidelines can be removed.

Non-consistent signage may nonetheless be in good condition and remain in place at the University’s direction.

Redundant
Where multiple installations of similar a sign type existing within visually legible range of another similar sign one of the signs are appropriate for demolition. The sign to be retained will be the one closest in appearance to the new sign design guidelines, if such is present, and the one in the most beneficial and accessible location for that sign type.

FIELD CONDITION ANALYSIS:
Analysis of existing site conditions, to be conducted through site walkthroughs, will inform:

- Physical condition of existing signage
- Nature of existing signage for comparison to new guidelines

Field analysis shall be documented through mapping and photography. Labelled maps shall be incorporated into construction documents identifying existing signage to be demolished and new signage to replace. Existing to remain signage need not be indicated on the construction documents.

COORDINATION WITH OTHER AGENCIES:
Coordination with the State Historic Preservation Department (SHPD) will be necessary for buildings and locations on the State or National Historic Register and for buildings over fifty (50) years old.
Section 3 // Existing Signage: Replacement Criteria

### SIGNAGE REPLACEMENT APPROACH:

When existing campus signage, both building and site mounted, is:

- Deteriorating or otherwise beyond repair
- Not in alignment with the signage guidelines

and is in a location desired to continue to be identified with signage, but is not in alignment with the signage guidelines, it is eligible for replacement.

Signage upon historic buildings or of a historic nature as well as signage that is similar enough to the new signage guidelines as to successfully serve the intended signage purpose for that sign type may remain at the discretion of the University.

### SIGNAGE REPLACEMENT PRINCIPLES:

Some existing signage, which does not comply with these guidelines, is nonetheless in good condition and no new signage need be proposed to replace the sign. In these situations non-aligned signage may be retained for the time being to provide signage at these locations.

To the extent possible and desirable the replacement signage will occupy the same location as the existing signage to be replaced.

### FIELD CONDITION ANALYSIS:

- Analysis of existing site conditions, to be conducted through site walkthroughs, will inform:
  - Physical condition of existing signage
  - Changes in current conditions rendering existing signs obsolete
  - Nature of existing signage for comparison to new guidelines
  - Identification of redundancies

Field analysis shall be documented through mapping and photography. Labelled maps shall be incorporated into construction documents.

### COORDINATION WITH OTHER AGENCIES:

Coordination with the State Historic Preservation Department (SHPD) will be necessary for buildings and locations on the State Historic Register and for buildings over fifty (50) years old.
I INFORMATIONAL SIGNAGE:

**Sign Type E:** Touch Screen Campus Map with Event Kiosk
A touch screen will be mounted within a porcelain enamel frame providing an interactive map and navigation tool as well as an interactive events menu. The purpose of Campus Maps is to provide visitors to the University campus with detailed information about, and orientation to, the campus allowing visitors to reach their intended destinations.

Three mounting options for touch screen campus maps provide versatility in their location and mounting:

- **Free Standing** – Graphic map panel mounted within a porcelain enamel frame atop a concrete podium/footing similar to the campus maps.
- **Flush Mounted** – Graphic map panel mounted within a porcelain enamel frame atop a concrete podium/footing mounted flush against a wall surface.
- **Wall Mounted** – Wall mounted district map similar to the Type F - Wall mounted campus map.

**Sign Type F:** Wall Mounted Campus Map
A graphic map panel mounted to a wall surface. The purpose of Campus Maps is to provide visitors to the University campus with detailed information about, and orientation to, the campus allowing visitors to reach their intended destinations.

**Sign Type G:** Free Standing Campus Map
A free standing sign with graphic map panel atop a concrete footing. The purpose of Campus Maps is to provide visitors to the University campus with detailed information about, and orientation to, the campus allowing visitors to reach their intended destinations.

Identical to the free standing campus map with the addition of the rear panel listing the parking regulations for the adjacent parking lot. The purpose of Campus Maps is to provide visitors to the University campus with detailed information about, and orientation to, the campus allowing visitors to reach their intended destinations.

**Sign Type H:** Free Standing Campus Map w/ Parking Regulations

**Sign Type M:** Pole Mounted Visitor Parking Sign & Wall Mounted Visitor Parking Sign
A round sign with parking ‘P’ secured to the side of a mounting pole or a round sign with parking ‘P’ secured back to a parking structure wall surface. The purpose of Visitor Parking signs is to identify the entry point to visitor parking lots or structures for visitors to the University campus. It is from these parking locations that visitors embark upon their visit to the University campus.

**Sign Type O:** District Map Sign
A graphic map of a portion of the University campus mounted within a porcelain enamel frame.

The purpose of District Maps is to provide visitors to the University with detailed information about, and orientation to, a smaller region, or district, of campus orienting them toward their intended destination.

Three mounting options for district maps provide versatility in their location and mounting:

- **Free Standing** – Graphic map panel mounted within a porcelain enamel frame atop a concrete podium/footing similar to the campus maps.
- **Reverse Side of Campus Map** – To reduce additional signs a district map can be located on the reverse of a free standing campus map. Both sides of the sign providing accessibility compliant access.
- **Wall Mounted** – Wall mounted district map similar to the Type F - Wall mounted campus map.

**Sign Type P:** Horizontal Banner Sign
As temporary event banners these signs alert the community, both University and general, of upcoming or ongoing events on campus. Temporary banner signage to be secured to a reusable pipe frame which is mounted from a permanent sleeved concrete footing per frame leg. The purpose of outdoor temporary banners is to alert the University community and visitors to upcoming temporary events.

**Sign Type Q:** Vertical Banner Sign
More permanent seasonal or district based vertical banners are to be mounted to University light poles offering branding and place making opportunities. Outdoor light pole mounted banners offer the University branding and place identification opportunities to assist in place making and University identity.
**WAYFINDING SIGNAGE:**

**Sign Type I:** Vehicular Wayfinding

Two to three lines of directional text will be displayed on a porcelain enamel sign panel mounted to a concrete footing. The Manual on Uniform Traffic Control Devices (MUTCD) for Street Sign Lettering will serve as the reference for vehicular signage text height and spacing in relation to desired view distances. The purpose of Vehicular Wayfinding signs is to provide visitors arriving at the University campus via vehicles with directional guidance to key campus facilities/landmarks and public parking locations. From these parking locations visitors can then proceed on foot to their visit to the University campus.

**Sign Type J:** Pedestrian Wayfinding

Similar to Street Directional Signs (Type D) for graphic consistency the only variation from the street sign design is the size of the textual information as pedestrians can stop in close proximity of the sign to read the information and the ‘blades’ will therefore be smaller. Textual sign ‘blades’ extend from a central supporting pole with the ‘blades’ well above vertical clearance requirements. Surmounting the pole will be the University crest providing brand identity of the University.

Similar to Street Directional Signs (see section 4.5) the quantity of directional ‘blades’ will be limited to three or four ‘blades’ with the intent of only providing directional guidance to key campus facilities and minimize visual clutter of signage; following Principle 6 of Section 3.1 – Signage Principles to only provide signage when necessary. One sign blade’s textual information to direct to a cultural or historic location in coordination with the University’s Campus Heritage Report.

To further reduce the possibility of visual clutter around campus, it may also be possible to secure directional ‘blades’ to the new walkway light poles instead of introducing additional pole mounted signage around campus. Such an approach will require coordination with the campus lighting designer. The purpose of Pedestrian Wayfinding signs is to provide visitors to the University campus with directions and orientation to primary campus facilities and locations to which visitors are most likely arriving on campus to visit.

**Sign Type K:** Accessible Entrance Sign

A plaque sign with the international symbol of accessibility denoting an accessible entrance.

**Sign Type L:** Accessible Re-Directional Sign

A free standing sign or wall mounted with the international symbol of accessibility and a directional arrow directing toward the nearest accessible route to the nearest accessible entrance.

**IDENTIFICATION SIGNAGE:**

**Sign Type A:** Permanent Building

Pin mounted letters secured to the building face identifying the structure. Intended for primary campus facilities of durable construction such as concrete or masonry. The purpose of Building Identification signs is to identify the name and address of each building on campus to allow visitors, emergency personnel, staff, students, and faculty to locate destinations.

**Sign Type B:** Temporary / Portable Building

A porcelain enamel sign panel mounted to the face of a building to identify the structure. This includes elevated structures, trailers, and wood stud framed structures. The purpose of Building Identification signs is to identify the name and address of each building on campus to allow visitors, emergency personnel, staff, students, and faculty to locate destinations.

**Sign Type D:** Street Directional

Textual sign ‘blades’ extend from a central supporting pole with the ‘blades’ well above vertical clearance requirements. Surmounting the pole will be the University crest providing brand identity of the University. The Manual on Uniform Traffic Control Devices (MUTCD) for Street Sign Lettering will serve as the reference for vehicular signage text height and spacing in relation to desired view distances. The purpose of street identification signs is to identify the names of principal streets on and bordering the University campus. Street names are to be on dual sides of ‘blades’ secured perpendicularly to a mounting pole and located at intersections of streets.

**Sign Type N:** Building Entrance Sign

Located at exterior entrances to a building these signs provide building name and address; tactile text provides identification for the visually impaired. The purpose of Building Identification signs is to identify the name and address of each building on campus to allow visitors, emergency personnel, staff, students and faculty to locate destinations.
WAYFINDING SIGNAGE LOCATION STRATEGY:
The methodology on placement of each type of sign is based on vehicular and pedestrian circulation patterns and access. The diagram to the left is an example of how one might navigate their way to the Biomedical Science Building assisted by a series of signs. Potential wayfinding sequence is as follows:

- **Type I**: Vehicular Directional Signage
- **Type D**: Street Directional Signage

One will continue their journey driving until they discover a **visitor parking sign**, which will identify the entry point to the visitor parking lot. Once parked, the visitor will then proceed on foot to the university. As one exits their vehicle they will spot a **campus map** that is within a short walking distance. While looking at the **campus map** the visitor will receive detailed information about the overall campus, and learn their exact location and orientation on campus. In addition the reverse panel of the sign will have the parking regulations for that particular lot. One now has a better idea of how to proceed to their intended destination.

- **Type M**: Visitor Parking Signs
- **Type H**: Campus Map w/ Parking Regulations

With a general idea of which direction to head to the visitor will come across a **district map** (and/or a pedestrian directional sign in other instances), where they will find more detailed information regarding the specific district they are intending to visit or additional directional guidance. The first Biomedical Sciences **district map** located on the main sidewalk parallel to East-West Road will lead one to a more intimate and landscaped path, fragrant from the eucalyptus trees. Upon reaching the end of the path they will come upon a **building identification sign** on the façade of the Biomedical Science Building, to inform the visitor when she or he has reached the building. Supplementary **district maps** can be found throughout the building to help one navigate through the space to find more a specific destination.

- **Type O**: District Map
- **Type A**: Building Identification

Refer to Section 1.3 - Signage Placement Strategy for additional guidance on locating exterior signs.
Section 3 // Exterior Signage: Type A - Permanent Building

SIGN DESIGN PRINCIPLES:
Building name as a series of individual mounted letters aligned horizontally. Building name to be centered above the primary entrance or right or left justified on prominent wall face, as locations dictate. As viewing distance to each building name will vary there will be different text heights to the text in two inch increments. This will allow flexibility to individual location space constraints and requirements for legibility by view distance while still providing overall graphic consistency with limited variations in height. Building address to be a series of individual mounted letters, of a smaller height than the building name, but of consistent height at all locations. Located beneath and centered, right or left justified to the building name.
## Section 3 // Exterior Signage: Type A - Permanent Building

**SIGN PLACEMENT PRINCIPLES:**

- Locate above primary entrance
- Locate to right or left of primary entrance above average height reach range to reduce vandalism and to improve visibility
- Locate in prominent location facing roadways/ walkways to provide landmark identification to motorists/ pedestrians

**SIGN MESSAGING PRINCIPLES:**

Building name as a series of individual mounted letters aligned horizontally. Building name to be centered above the primary entrance or right or left justified on prominent wall face, as locations dictate. As viewing distance to each building name will vary there will be different text heights to the text in two inch increments. This will allow flexibility to individual location space constraints and requirements for legibility by view distance while still providing overall graphic consistency with limited variations in height. Building address to be a series of individual mounted letters, of a smaller height than the building name, but of consistent height at all locations. Located beneath and centered, right or left justified to the building name.
SIGN DESIGN PRINCIPLES:
Building name and address printed upon a porcelain enamel panel to be mounted to the building face in a consistent graphic manner per the Exterior Signage Guidelines.

SIGN PLACEMENT PRINCIPLES:
Permanent Building:
• Locate above primary entrance
• Locate to right or left of primary entrance above average height reach range to reduce vandalism and to improve visibility
• Locate in prominent location facing roadways/walkways to provide landmark identification to motorists/pedestrians

Temporary/Portable Building:
• Locate on end walls nearest front of buildings or primary pedestrian approach

SIGN MESSAGING PRINCIPLES:
Text height for temporary building signage will remain consistent on all sign and not take into account view distances. The text height will be sized for this sign type based upon the average view distance of all proposed locations. Thus sign height will remain constant but the length of the sign will vary depending on the length of the building's name. Building names will incorporate appropriate diacritical marks. The address portion of the sign will remain of consistent size with four (4) numbers.

UHM Signage Guidelines // exterior signage specifications
3.7
SIGN DESIGN PRINCIPLES:
Street names to be shown on ‘blades’ extending horizontally from the supporting pole. By extending the street name ‘blades’ horizontally these signs will be more easily seen by motorists. Poles to slide into a sleeved connection in the footing and be secured to integrally cast j-bolts in the footings with a protecting cover plate over the connections. By not permanently embedding the poles in the footings the University can more easily install/repair/replace pole signage. Surmounting the pole will be the University crest providing brand identity of the University along roadways.

SIGN PLACEMENT PRINCIPLES:
Street Directional Signage is to be located at intersections of campus streets. These signs provide motorists and pedestrians with identification of the streets at these intersections. Located to maximize motorist visibility the signs will still be upon University land to avoid coordination with the City and County of Honolulu Department of Transportation. Signs will not be located at intersections with public streets where existing City and County installed signs exist (i.e. along University and Dole streets). To maximize motorist visibility the ‘flags’ of the sign may project over sidewalks and where this is to occur the vertical clearance between the sidewalk and lowest projecting surface shall be maintained at over seven (7) feet clear.

SIGN MESSAGING PRINCIPLES:
Per the MUTCD Lettering Guidelines a text height of four inches for the initial upper case letter and 3 inches for the subsequent lower case letters are appropriate for the campus urban streets and low-volume roads. To minimize the size of the street name ‘blades’ the length of the ‘flags’ will be standardized and long street names will have their text widths reduced and the distance between letters reduced to fit on the ‘blades’.
SIGN DESIGN PRINCIPLES:
Exterior rated touch screen mounted within a porcelain enamel panel. Optional second touch screen panel mounted in rear panel. Porcelain enamel panel to have a taro leaf pattern per the Exterior Signage Design Guidelines. Depth of sign per manufacturer to provide adequate space for touch screen depth and peripherals as necessary per selected touch screen. Base of sign is a concrete footing. The flush mounted variation to be a fabricator provided sign with integrated touch screen. The sign to be mounted upon a new footing against an existing wall face and secured as determined by the fabricator.

SIGN PLACEMENT PRINCIPLES:
To be located at key campus entrances and public gathering places. Though the touch screen will be exterior rated the signs will be located beneath overhangs or tree cover to the extent feasible to minimize weathering and reduce glare on the screen. Locations in close proximity of a building will have a flush mounted sign. Signs to be mounted flush to the building face but primarily supported by a concrete footing to minimizing disturbance of existing, and often historic, building facades.
SIGN PLACEMENT PRINCIPLES:

Wall mounted touch screen maps to be integrated into new construction where necessary wall framing/blocking support can be incorporated to support the sign without a footing.

UHM Signage Guidelines // exterior signage specifications

Section 3 // Exterior Signage: Type E - Touch Screen Campus Map

Type E: Touch Screen Campus Map
Scale: 3/4” = 1’-0”
Section 3 // Exterior Signage: Type F + G - Wall Mounted & Free Standing Campus Maps

**TYPE F - SIGN DESIGN PRINCIPLES:**
A graphic map panel mounted to wall surface. Design of porcelain enamel graphic panel similar to match other campus map sign panels.

**TYPE F - SIGN PLACEMENT PRINCIPLES:**
At locations where space may be tight or an existing wall surface lends itself to hosting a campus map. Signs will not be mounted upon the face of buildings on the state historic register.

**TYPE G - SIGN DESIGN PRINCIPLES:**
A graphic map panel to match other campus map sign panels and mounted to a concrete footing.

**TYPE G - SIGN PLACEMENT PRINCIPLES:**
To be located along major pedestrian routes or plazas not already receiving a touch screen map (Sign Type E).
SIGN DESIGN PRINCIPLES:
Identical to Sign Type G with the addition of the rear panel, opposite the campus map, to have textual information on the parking regulations of the adjacent public parking lot.

SIGN PLACEMENT PRINCIPLES:
To be located at each public parking lot, not structures, to provide parking regulations for the lot and the map to provide initial campus orientation.
SIGN DESIGN PRINCIPLES:
A freestanding sign mounted to a concrete footing similar in appearance to the bases of the campus maps for consistency of campus signage visual appearance. The textual portion of the sign will be secured to the footing directly for visual and structural simplicity. For locations along public roadways a landscape based light will be used to illuminate the textual face of the sign.

SIGN MESSAGING PRINCIPLES:
Per the MUTCD Lettering Guidelines a text height of four inches for initial upper case letter and 3” for following lower case letters are appropriate for the campus urban streets and low-volume roads. Per the MUTCD the amount of directional copy on directional signs should be limited to three lines of text and may include symbols, arrows and other exit instructions for instant legibility. Naming will incorporate appropriate diacritical marks. The sequence of destinations to list closer destinations to the sign above more distant locations.

SIGN PLACEMENT PRINCIPLES:
Vehicular Wayfinding Signage is to be located approaching intersections of campus streets or other locations where motorists must make an upcoming directional decision. Vehicular wayfinding signs to be located in landscaping just behind the sidewalk to maximize visibility by motorists while being located upon University owned land.

Wayfinding Route Reinforcement – an additional purpose of wayfinding signage is to reinforce the pathway to a destination. Where a prolonged distance must be travelled or where the route curves or has obstacles obscuring visibility of the intended destination a wayfinding sign may be introduced to reassure motorists of the route to their destination.

Type I: Vehicular Wayfinding
Scale: 1”=1’-0’
SIGN DESIGN PRINCIPLES:
Similar to Street Directional Signs for graphic consistency the only variation from the street sign design is the size of the textual information as pedestrians can stop in close proximity of the sign to read the information and the ‘blades’ will therefore be smaller. Textual sign ‘flags’ extend from a central supporting pole with the ‘blades’ well above vertical clearance requirements. Sumounting the pole will be the University crest providing brand identity of the University.

To reduce visual clutter around campus, it may be possible to secure directional ‘blades’ to the new walkway light poles instead of introducing additional pole mounted signage around campus. Such an approach will require coordination with the campus lighting designer.

SIGN MESSAGING PRINCIPLES:
As mentioned in previously in Sign Design Principles, Pedestrian Wayfinding Sign will have smaller textual information that the Vehicular Wayfinding Signage. Textual font height will be balanced between providing legibility from the nearest intersection requiring directional guidance and maintaining a minimal ‘blade’ size to reduce visual impact in the University environment. Naming will incorporate appropriate diacritical marks. Sequencing of destinations to locate closer destinations to the sign above more distant locations. One sign ‘blade’ to list a location of cultural or historic significance to the University per the UHM Cultural Heritage Report 2008 or as advised by the University.

SIGN PLACEMENT PRINCIPLES:
Assisting visitors travel between a public parking location and the visitor’s final destination pedestrian wayfinding signs guide visitors along primary pedestrian routes through campus. Specifically Pedestrian Wayfinding signs guide visitors from public parking locations to a campus map kiosks where more specific campus orientation/ information is available and then onward from these campus maps to the proximity of the visitor’s final destination.

Sign Frequency – In addition to initial direction or orientation Pedestrian Wayfinding Signs are to be placed at appropriate intervals to reinforce to visitors that there are still on the correct path to their desired destination. Located at intersections where directional decisions are necessary these signs guide as well as reinforce the selected path. Ideally each sign is visible, though not legible, from another allowing visitors clear wayfinding guidance from sign to sign to destination.
TYPE K - SIGN DESIGN PRINCIPLES:
A plaque sign with the international symbol of accessibility per the ADAAG.

TYPE K - SIGN PLACEMENT PRINCIPLES:
Per the Americans with Disabilities Act Accessible Guidelines (ADAAG) the sign to be located beside an accessible doorway/entryway.
See 1.6 for additional placement guidelines.

TYPE L - SIGN DESIGN PRINCIPLES:
A free standing sign with the international symbol of accessibility and a directional arrow pointing the route toward the nearest accessible entrance.

TYPE L - SIGN PLACEMENT PRINCIPLES:
Per the ADAAG these signs to be located at the start of a route toward an inaccessible entrance to minimize backtracking. Located just off the pathway but within clear sight of approaching pedestrians. Where possible mount to building exteriors to minimize pedestal signs.

NOTES:
1. ALL ARROW DIRECTIONS SHOWN FOR REFERENCE. PROVIDE ARROW(S) PER SIGN LOCATION AS APPROPRIATE TO DIRECT ACCESSIBLE ROUTING PER UNIVERSITY’S LATEST ACCESSIBLE ROUTE MAP.
2. LOCATE DIRECTIONAL PANEL ON APPROPRIATE FACE(S) OF POST PER UNIVERSITY’S LATEST ACCESSIBLE ROUTE MAP. POST FACES NOT RECEIVING DIRECTIONAL PANEL TO RECEIVE A SOLID COLOR PANEL.
SIGN DESIGN PRINCIPLES:


SIGN PLACEMENT PRINCIPLES:

Pole Mounted Visitor Parking Sign – large ‘P’ in center of round sign with elaborating text above and below ‘P’ saying “Visitor” and the name of the parking lot below the ‘P’. Dual sided. Round sign secured to side of mounting pole with mounting bracket. Wall Mounted Visitor Parking Sign – large ‘P’ in center of round sign with elaborating text above and below ‘P’ saying “Visitor” and the name of the parking lot below the ‘P’. Dual sided. Round sign structural layer welded to perpendicular mounting plate which will be secured to face of parking structure.

SIGN MESSAGING PRINCIPLES:

Pole Mounted Visitor Parking Sign – central ‘P’ in large font for visibility against contrasting background. Contrasting color ribbon circling the ‘P’ with contrasting colored wording elaborating that the sign refers to ‘Visitor’ and the name of the parking lot below the ‘P’. Wall Mounted Visitor Parking Sign – identical to pole mounted variation.
SIGN DESIGN PRINCIPLES:
Supporting the Permanent Building sign this accessible/eye height entrance sign provides the building name and address in both raised character and in Braille text for the visually impaired.

SIGN PLACEMENT PRINCIPLES:
- Locate beside an entry door
- Locate on wall surface immediately adjacent to entry door
Either location in compliance with the 2010 Americans with Disabilities Act Accessible Guidelines (ADAAG) or equivalent safe harbor of compliance with the Americans with Disabilities Act.

SIGN MESSAGING PRINCIPLES:
Insofar building names vary in length this sign type can vary in height to accommodate multiple lines of text. Beneath the building name the building’s street address shall be listed with the address number and street name. Both the building name and street name to incorporate appropriate diacritical marks.
SIGN DESIGN PRINCIPLES:
A graphic map of a portion of the University campus mounted within a porcelain enamel frame.
The purpose of District Maps is to provide visitors to the University with detailed information about, and orientation to, a smaller region, or district, of campus orienting them toward their intended destination.

SIGN PLACEMENT PRINCIPLES:
Three mounting options for district maps provide versatility in their location and mounting:

Free Standing – Graphic map panel mounted within a porcelain enamel frame atop a concrete podium/footing similar to the campus maps.

Reverse Side of Campus Map – To reduce additional signs a district map can be located on the reverse of a free standing campus map. Both sides of the sign providing accessibility compliant access.

Wall Mounted – Wall mounted district map similar to the Type F - Wall mounted campus map.
**SIGN DESIGN PRINCIPLES:**

A lightweight aluminum pole frame is secured to permanently installed concrete footings with sleeved connection points. Aluminum pole frame to be capable of disassembly for storage. Frame to be composed of several segments secured with push button connections. Eyelets to be welded into frame. Vinyl banners produced by the University or its departments can be secured within the aluminum frame via twine or zip ties to eyelets on the frame.

**SIGN PLACEMENT PRINCIPLES:**

Intended to be located only at key vehicular and/or pedestrian intersection. Locate in the landscape just behind or to the side of pathways.

**SIGN MESSAGING PRINCIPLES:**

Per the MUTCD Lettering Guidelines a text height of four inches is appropriate for the campus urban streets and low-volume roads. Per the MUTCD the amount of directional copy on directional signs should be limited to three lines of text and may include symbols, arrows and other exit instructions for instant legibility. Naming will incorporate appropriate diacritical marks.

University generated text to be provided in both English and Hawaiian Language as appropriate. Hawaiian language to follow font, color, and size guidelines of 1.4.1.
SIGN DESIGN PRINCIPLES:
Vertical banners are secured via pre-manufactured brackets to light poles. Banners produced by the University or its departments are supported by horizontal arms which are secured to the light poles brackets.

SIGN PLACEMENT PRINCIPLES:
Potentially on any University light pole of sufficient height to maintain height clearance; orient the banner away from adjacent sidewalks and paths so as not to create a protruding hazard; as this also generally is away from the light source of the pole this orientation also serves to not interfere with the illumination from the pole.

SIGN MESSAGING PRINCIPLES:
For vehicular locations, the MUTCD Lettering Guidelines recommends a text height of four inches for an initial letter and three inches for subsequent letters is appropriate for the campus urban streets and low-volume roads. Per the MUTCD the amount of directional copy on directional signs should be limited to three lines of text and may include symbols, arrows and other exit instructions for instant legibility. Naming to will incorporate appropriate diacritical marks.

University generated text to be provide in both English and Hawaiian Language as appropriate. Hawaiian language to follow font, color, and size guidelines of 1.4.1.
INTERIOR SIGNAGE
FABRICATION & INSTALLATION
## Type 1: Interior Directory Sign with Modular Panel Extensions

See 2.3 for design specifications.

### SAKAMAKI HALL

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<td>Study Hall</td>
</tr>
<tr>
<td>Research Library</td>
<td>116</td>
<td>Storage</td>
</tr>
</tbody>
</table>

**Base Module**

**Extension Module**

**History/Educational Module**

---

**Additional/Optional modular panels that may be added**

**History / Educational Panel**

1/4" HPL (High pressure laminate) that may be added.

**History / Educational Panel**

to be provided in both English and Hawaiian Language.

(Hawaiian text shown for reference, exact text per University.)

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SHUNZO SAKAMAKI (1906-1973), for whom Sakamaki Hall is named, was a prominent administrator and Asian history professor at the University of Hawaii. From 1936 until his retirement in 1970, he was a leader in the labor disputes of the 1920s. His birthplace is Olaa, Island of Hawaii, and his family was of Hawaiian and Chinese ancestry. The elder Sakamaki was an interpreter for plantation managers, and sided with management during the labor disputes of the Hall.

**SHUNZO SAKAMAKI (1906-1973),** Kupaianaha nō kā ho'i ka 'ōlelo a kēia ali'i a Kahekili i ho'onoho aku ai i Maui, ua lohe like nō ho'i kā kou i nā 'ōlelo a ku'u makua kā ne i ho'ouna ai ia'u e ki'i iā Kā'eeokūlani i Kaua'i. Ua hō'ike a'ela 'o ia i kona mana'o e noho like kā kou, a inā ho'i e noi aku kekahi i ka mea kūpono, a laila, e hā'awi mai ho'i kekahi, a e 'ōlelo aku ho'i kekahi i kona mana'o, a laila, e ho'olohe mai ho'i kekahi ia mau 'ōlelo maika'i.
**II TYPE 1: INTERIOR DIRECTORY SIGN: BASE MODULE**

See 2.3 for design specifications

---

**Perimeter Back Frame:**
1 1/2" x 1/2" Corian strips fuse weld to back of Face Plaque.
To conceal hangbar.
Option: 1/2" acrylic painted to match Pantone 432 Dark Gray

**Face Plaque:**
1/2" Corian laser cut for Room Name Inserts
Color: Nocturne Black

**Secure hang bar to wall surface with #10 stainless screws.**

**Room Name Insert:**
Laser cut 2" x 14" x 1/4" Acrylic, thickness milled to assure face is flush with adjacent surface.

**Add 3-M urethane tape for added security.**

**Wall hang bar:**
17 1/2" x 6"x1/2" Hang bar with 45 degree cleat.
Fuse weld Corian to back of Face Plaque

**Hang bar:**
17 1/2" x 6"x1/2" Hang bar with 45 degree cleat.

**Attach with magnetic strips to secure in place.**
Shown is 1 1/2" x 1/32" Magnetic strips with 12lbs/Lft pull

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**UHM Signage Guidelines**

Section 4 // Interior Signage: Interior Directory Sign

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**Scale: 3" = 1'-0"**
**TYPE 2: SECONDARY INTERIOR DIRECTORY SIGN: BASE MODULE**

See 2.4 for design specifications

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**Installation on All Wall Surfaces:** 632 Stainless studs with silicone and "VHB" tape installation

**NOTE:** The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

---

**Perimeter Back Frame**
- 11-5/8"x19-5/8"x1/4" Acrylic fuse weld to back of Face Plaque.
- Color: Painted to match Pantone 432 Dark Gray
- Refer to 1.1 for similar details

**Face Plaque**
- 1/4" Corian with polished face and edges.
- Color: Nocturne Black

**Room Name Insert**
- Laser cut Corian 8" x 14" x 1/4"
- Color: Cameo White
- Thickness milled to assure face is flush with adjacent surface.
- Attach with magnetic strips to secure in place.
- 3/4" Text will be engraved and infill
- 1/2" Arrows will be engraved and infill
- Color to match PMS 3435 Green

**Engraved University Seal**
- 4" dia. Etched into surface 1/32" with no infill color

**Engraved Tapa Pattern**
- Etched into surface 1/32" with no infill color
TYPE 3: ROOM IDENTIFICATION SIGN

See 2.5.1 for design specifications

Office of Physical, Environmental, and Long Range Planning

A6178

Screw Attachment – "Keyhole" milled into Back Panel for #10 Screw

Room Name Insert – 1/4" Corian
Color: Cameo White
Text (optional) will be engraved and infill
Color to match PMS 3435 Green
Thickness milled to assure face is flush to Face Plaque
Attach with magnetic strips to secure in place.
Shown is 7 1/2" x 2 1/2" x 1/32" Magnetic strips with 12lbs/Lft. pull.

Back Panel – 7-5/8" x 4-5/8" x 1/4" Acrylic fuse weld to back of Face Plaque.

Face Plaque – 1/4" Corian
Color: Nocturne Black

1/32" Acrylic applied to surface as stated in the 2010 ADA Standards section 703.2
Raised Characters
Color: 20% Black (PMS Cool Gray 1)

Raised Tactile Braille –
Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille
Copy: 20% BLACK (PMS Cool Gray 1)

INSTALLATION ON ALL WALLS: 632 Stainless studs with silicone and "VHB" tape installation
INSTALLATION ON GLASS: Silicone and "VHB" tape. Back with 3-M flat black vinyl adhesive

NOTE:
The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

UHM Signage Guidelines // interior signage fabrication + installation

Section 4 // Interior Signage: Room Identification Sign
II  TYPE 3:  ROOM IDENTIFICATION SIGN WITH TWO TENANTS

See 2.5.1 for design specifications

FronT VIEW - Detail

Scale: 1" = 1"  
INSTALLATION ON ALL WALLS: Silicone and "VHB" tape installation  
INSTALLATION ON GLASS: Silicone and "VHB" tape. Back with black vinyl adhesive  
NOTE:  
The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

SECTION 4 // Interior Signage: Room Identification Sign with Two Tenants

Back Panel – 7-5/8" x 4-5/8" x 1/4" Acrylic fuse weld to back of Face Plaque.
Face Plaque – 1/4" Corian  
Color: Nocturne Black  
Text (optional) will be engraved and infill Color to match PMS 3435 Green  
Thickness milled to assure face is flush to Face Plaque  
Attach with magnetic strips to secure in place. Shown is 7 1/2" x 2 1/2" x 1/32" Magnetic strips with 12lbs/Lft pull.

Room Name Insert – 1/4" Corian  
Color: Cameo White  
Raised Characters –  
Font: Frutiger 57 Condensed 5/8" ht.  
1/32" Acrylic applied to surface as stated in the 2010 ADA Standards section 703.2  
Raised Characters  
Color: 20% Black (PMS Cool Gray 1)

Screw Attachment – "Keyhole" milled into Back Panel for #10 Screw  
Engraved University Seal – 1.5" dia. etched into surface 1/32" with no infill color.

Raised Tactile Braille – Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille  
Color: 20% Black (PMS Cool Gray 1)

VINYL BACKING FOR GLASS INSTALLATION – 50% BLACK (PMS Cool Gray 5) Screen printed University seal on flat black 3-M vinyl

NOTE:  
The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.
III TYPE 4: SECONDARY ROOM IDENTIFICATION SIGN

See 2.5.2 for design specifications

INSTALLATION ON ALL WALLS: 632 Stainless studs with silicone and "VHB" tape installation
INSTALLATION ON GLASS: Silicone and "VHB" tape. Back with 3-M flat black vinyl adhesive

NOTE:
The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

FRONT VIEW - Detail

SIDE VIEW

VINYL BACKING FOR GLASS INSTALLATION – 50% BLACK (PMS Cool Gray 5) Screen printed University seal on flat black 3-M vinyl

1/4” Corian with polished face and edges. Color: Cameo White

Room Name –
1/4” Corian
Color: Cameo White
Text will be engraved and infill Color to match PMS 3435 Green
Thickness milled to assure face is flush to Face Plaque.

Face Plaque –
1/4” Corian
Color: Nocturne Black

Raised Tactile Braille –
Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille
Copy: 20% BLACK (PMS Cool Gray 1)

Engraved University Seal –
1.5” dia. Etched into surface 1/32”
Color to match PMS 3435 Green

UHM Signage Guidelines // interior signage fabrication + installation
TYPE 5: RESTROOM IDENTIFICATION SIGN

See 2.6 for design specifications

FRONT VIEW
SCALE: 1/2" = 1"  
INSTALLATION ON ALL WALLS: 632 Stainless studs with silicone and "VHB" tape installation  
NOTE:  
Locate per 703.4.1 Height Above Finish Floor or Ground.

### Wall/Door Plaque
- **Material:** 1/4" Corian
- **Color:** Cameo White

### Raised Characters
- **Font:** Frutiger S7 Condensed 2" ht.
- **Color:** Paint to match PMS 3435 Green

### Raised Tactile Braille
- Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille
- **Color:** Paint to match PMS 3435 Green

### Pictogram
- Handicap pictogram: 3" ht.
- 1/32" Acrylic applied to surface as stated in the 2010 ADA Standards section 703.2 Raised Characters

### INSTALLATION ON ALL WALLS
- 632 Stainless studs with silicone and "VHB" tape installation

### SPECIAL NOTATION
- Locate per 703.4.1 Height Above Finish Floor or Ground.
TYPE 6: FLOOR LEVEL IDENTIFICATION

See 2.6 for design specifications

STAIR 1
NO ROOF ACCESS
1 THROUGH 5

INSTALLATION ON ALL WALL SURFACES: Silicone and “VHB” tape installation

NOTE:
The sign is located 5 feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.

Building I. D. Letters –
1” ht. Copy is Etched into surface 1/32”
Font: Frutiger 57 Condensed
Color: Infill with Paint to match PMS 3435 Green

Floor Level Plaque –
1/4” Corian
Color: Cameo White

Raised Characters –
Font: Frutiger 57 Condensed 2.5” ht.
1/32” Acrylic applied to surface as stated in the 2010 ADA Standards section 703.2
Raised Characters
Color: Paint to match PMS 3435 Green

Raised Characters –
Font: Frutiger 57 Condensed 1” ht.

Raised Tactile Braille –
Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille

SECTION 4 // INTERIOR SIGNAGE: FLOOR LEVEL IDENTIFICATION

UHM Signage Guidelines // interior signage fabrication + installation 4.5
TYPE 7: ADDITIONAL INTERIOR INFORMATION

See 2.7 for design specifications

INSTALLATION ON ALL WALLS: 632 Stainless studs with silicone and "VHB" tape installation
INSTALLATION ON GLASS: Silicone and "VHB" tape. Back with 3-M flat black vinyl adhesive with screen printed University seal

NOTE: Locate per 703.4.1 Height Above Finish Floor or Ground.

ROOM CAPACITY 120

VINYL BACKING
50% BLACK (PMS Cool Gray 5) Screen printed University seal on flat black 3-M vinyl

QUIET CLASSROOM IN SESSION

EXIT

WALL PLAQUE –
1/4" Corian
Color: Cameo White

RAISED CHARACTERS –
Font: Frutiger 57 Condensed 3/4" ht.
1/32" Acrylic applied to surface as stated in the 2010 ADA Standards section 703.2
Raised Characters
Color: Paint to match PMS 3435 Green

RAISED TACTILE BRAILLE –
Grade 2 bead braille as stated in the 2010 ADA Standards section 703.3 Braille
Color: Paint to match PMS 3435 Green

INTERNATIONAL SYMBOLS –
Pictograms without descriptive text do not have Braille 703.7.2 Symbols.
Color: Paint to match PMS 3435 Green

SCALE: 1/2" = 1"
EXTERIOR SIGNAGE
FABRICATION & INSTALLATION
**UHM Signage Guidelines**

**Section 5 // Exterior Signage: Type A - Permanent Building**

**TYPE A: PERMANENT BUILDING SIGNAGE**

Notes:
1. See 5.1.2 for letter word spacing
2. Approximately 3’ text height per 40’ of view distance. 6” min and 12” max text height. Text height in 2” intervals between 6” and 12.”
3. Typeface: Frutiger LT 57 Condensed

Finish notes:
1. Dark colored wall backgrounds: Brushed aluminum letters
2. Light colored wall backgrounds: Bronze letters

---

**TYPE A - PERMANENT BUILDING IDENTIFICATION SIGN**

1. Centered below address
   - Scale: 1” = 1'-0"

2. Aligned below address
   - Scale: 1” = 1'-0"

---

**LETTER TO LETTER SEE 5.1.2**

**SAKAMAKI HALL**

2530

**AGRICULTURAL ENGINEERING INSTITUTE**

**LETTER TO LETTER SEE 5.1.2**

**S A K A M A K I   H A L L**

**AGRICULTURAL ENGINEERING INSTITUTE**

---

**Notes:**
1. See 5.1.2 for letter word spacing
2. Approximately 3’ text height per 40’ of view distance. 6” min and 12” max text height. Text height in 2” intervals between 6” and 12.”
3. Typeface: Frutiger LT 57 Condensed

**Finish notes:**
1. Dark colored wall backgrounds: Brushed aluminum letters
2. Light colored wall backgrounds: Bronze letters

**Scale:** 1” = 1'-0"

**Height varies:** 6'-0" per location

**6'-0” Clearance Minimum**

**Existing Finish Grade**

---

**Notes:**
1. See 5.1.2 for letter word spacing
2. Approximately 3’ text height per 40’ of view distance. 6” min and 12” max text height. Text height in 2” intervals between 6” and 12.”
3. Typeface: Frutiger LT 57 Condensed

**Finish notes:**
1. Dark colored wall backgrounds: Brushed aluminum letters
2. Light colored wall backgrounds: Bronze letters

**Scale:** 1” = 1'-0"

**Height varies:** 6'-0" per location

**6'-0” Clearance Minimum**

**Existing Finish Grade**
Section 5 // Exterior Signage: Type A - Permanent Building

5.1.2 UHM Signage Guidelines

// exterior signage fabrication + installation

Section 5 // Exterior Signage: Type A - Permanent Building

Notes:
1. Space letters and words to largest distance of the ranges indicated as will fit on the designated wall surface. Letter and word spacing to remain consistent throughout each sign at each location.
2. Typeface: Frutiger LT 57 Condensed, Bold

Finish notes:
1. Dark colored wall backgrounds: Brushed aluminum letters
2. Light colored wall backgrounds: Bronze letters

TYPE A: PERMANENT BUILDING SIGNAGE

HEIGHT VARIES PER LOCATION

LETTER TO LETTER

SAKAMAKI HALL

WORD TO WORD

PIN-MOUNTED BUILDING IDENTIFICATION TEXT

PIN-MOUNTED BUILDING ADDRESS TEXT

EXISTING FINISH GRADE

6'-0" CLEARANCE MINIMUM

VARIES 6'-12"

SCALE: 1" = 1'-0"

LETTER TO LETTER AND WORD TO WORD SPACING

<table>
<thead>
<tr>
<th>ADDRESS LOCATION(S)</th>
<th>LETTER TO LETTER SPACING</th>
<th>WORD TO WORD SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE LINE TEXT</td>
<td>1&quot; - 2 1/2&quot;</td>
<td>5&quot; - 7&quot;</td>
</tr>
<tr>
<td>TWO OR THREE LINES TEXT</td>
<td>1/2&quot; - 2 1/2&quot;</td>
<td>3&quot; - 7&quot;</td>
</tr>
</tbody>
</table>

NOTE: Space letters and words to largest distance of the ranges indicated, as will fit on the designated wall surface. Letter and word spacing to remain consistent throughout each sign at each location.

Notes:
1. Space letters and words to largest distance of the ranges indicated as will fit on the designated wall surface. Letter and word spacing to remain consistent throughout each sign at each location.
2. Typeface: Frutiger LT 57 Condensed, Bold

Finish notes:
1. Dark colored wall backgrounds: Brushed aluminum letters
2. Light colored wall backgrounds: Bronze letters

LETTER TO LETTER AND WORD TO WORD SPACING

<table>
<thead>
<tr>
<th>ADDRESS LOCATION(S)</th>
<th>LETTER TO LETTER SPACING</th>
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<tr>
<td>TWO OR THREE LINES TEXT</td>
<td>1/2&quot; - 2 1/2&quot;</td>
<td>3&quot; - 7&quot;</td>
</tr>
</tbody>
</table>

NOTE: Space letters and words to largest distance of the ranges indicated, as will fit on the designated wall surface. Letter and word spacing to remain consistent throughout each sign at each location.
TYPE A: PERMANENT BUILDING

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold
2. Finish notes:
   1. Dark colored wall backgrounds: Brushed aluminum letters
   2. Light colored wall backgrounds: Bronze letters
   3. Refer to 3.7.2 for finish information per location. Mounting pin depth and securement per signage fabricator/installer.

TYPE A - MOUNTING DETAIL

**Elevation**
Scale: 6” = 1’-0”

**PER FABRICATOR**

(E) WALL SURFACE

METAL LETTERS
(REFER TO FINISH NOTES FOR MATERIAL):
6-8” HIGH LETTERS: 1/4” THICK;
9”-12” HIGH LETTERS: 1/2” THICK

EPOXY MOUNTED METAL PINS WELDED TO LETTERS;
PIN MATERIAL TO MATCH LETTER MATERIAL

1/4” TO 1/2”

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold

Finish notes:
1. Dark colored wall backgrounds: Brushed aluminum letters
2. Light colored wall backgrounds: Bronze letters
3. Refer to 3.7.2 for finish information per location. Mounting pin depth and securement per signage fabricator/installer.
Section 5 // Exterior Signage: Type B - Portable Building

**TYPE B: PORTABLE BUILDING**

Notes:
1. Typeface:
   - Building name: Frutiger LT 57 Condensed
   - Address: Frutiger LT 57 Condensed, Bold
2. Provide dissimilar metal protection as required.

**5.2.1 TYPE B - PORTABLE BUILDING IDENTIFICATION SIGN**

Single Face Sign, Typical Building name text spacing

Scale: 1” = 1’-0”

- Existing Edge of Building, Door Jamb or Window
- 6’-0” Clearance Minimum
- Height Varies Per Location

**TRANSPORTATION SERVICES 2027**

- Porcelain Enamel Panel
  - Text Height: 2”
  - Text Color: Cameo White
  - Panel Color 1: Dark Green 80%
  - Panel Color 2: Dark Green

Notes:
1. Typeface:
   - Building name: Frutiger LT 57 Condensed
   - Address: Frutiger LT 57 Condensed, Bold
2. Provide dissimilar metal protection as required.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
**TYPE B: PORTABLE BUILDING**

**Notes:**
1. Typeface:
   - Building name: Frutiger LT 57 Condensed
   - Address: Frutiger LT 57 Condensed, Bold
2. Provide dissimilar metal protection as required.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)

---

**TYPE B - PORTABLE BUILDING IDENTIFICATION SIGN**

Short Building Name Text Spacing

Scale: 1-1/2" = 1'-0"

Notes:
1. **TEXT HEIGHT:** 2"
   - See Detail 5.2.1 for addtl. notes

---

**TYPE B - CORNER PLAN DETAIL**

Long Building Name Text Spacing

Scale: 1-1/2" = 1'-0"

Notes:
1. **TEXT HEIGHT:** 2"
   - See Detail 5.2.1 for addtl. notes

---

**UHM Signage Guidelines // exterior signage fabrication + installation**
III  TYPE B: PORTABLE BUILDING

Notes:
1. Refer to 5.2.4 for additional information on mounting.
2. Typeface:
   - Building name - Frutiger LT 57 Condensed
   - Address - Frutiger LT 57 Condensed, Bold
3. Provide dissimilar metal protection as required.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)

Notes:
1. Refer to 5.2.4 for additional information on mounting.
2. Typeface:
   - Building name - Frutiger LT 57 Condensed
   - Address - Frutiger LT 57 Condensed, Bold
3. Provide dissimilar metal protection as required.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)

Notes:
1. Refer to 5.2.4 for additional information on mounting.
2. Typeface:
   - Building name - Frutiger LT 57 Condensed
   - Address - Frutiger LT 57 Condensed, Bold
3. Provide dissimilar metal protection as required.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
**Notes:**
1. Porcelain enamel sign to be mounted to wall surface with hardware as specified by signage fabricator/installer.
2. Provide dissimilar metal protection as required.

**Finish notes:**
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
### Section 5 // Exterior Signage: Type D - Street Directional

**Notes:**
1. Typeface: Frutiger LT 57 Condensed
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C

---

**TYPE D - STREET DIRECTIONAL SIGN**

**Scale: Not to scale**

- 2 3/4" DIA. 10 GA ALUMINUM POLE POWDER COATED, COLOR: CAMEO WHITE
- POLE BASE COVER PLATE, POWDER COATED, COLOR: MATCH POLE
- CONCRETE FOOTING, INTEGRALLY COLORED, COLOR: CAMEO WHITE
- EXISTING GRADE

---

**TYPE D - STREET DIRECTIONAL SIGN**

**Scale: 1" = 1' - 0"**

- UNIVERSITY OF HAWAII SEAL CREST, DUAL-SIDED GRAPHICS
- PORCELAIN ENAMEL PANEL SIGN BLADE WITH STREET NAME AND DIRECTIONAL ARROWS
- MOUNTING BRACKET, POWDER COATED, COLOR: MATCH POLE, TYP.
II TYPE D: STREET DIRECTIONAL

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
3. Seal crest also applicable to Type J - Pedestrian Directional Sign. See 5.9.1
4. Sign text varies per location.

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
3. Seal crest also applicable to Type J - Pedestrian Directional Sign. See 5.9.1
4. Sign text varies per location.

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C
### TYPE D: STREET DIRECTIONAL

#### Notes:
1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Pole base also applicable to Type J - Pedestrian Directional Sign. See 5.9.1.

#### Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C

### Type D - Pole Base

**Plan**
- Scale: 3" = 1'-0"

**Section**
- Scale: 3" = 1'-0"

- **Metal Pole:** Weld to pole base
- **Bolt Pole Base to Footing**
- **Securing Clip for Cover Plate**
- **Aluminum Pole Base 7" Dia.**
- **Concrete Footing 12" Dia.**

**Notes:**
1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Pole base also applicable to Type J - Pedestrian Directional Sign. See 5.9.1.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
IV  TYPE D: STREET DIRECTIONAL

Notes:
1. On sloping grades: Maintain 3” min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Pole bracket also applicable to Type J - Pedestrian Directional Sign. See 5.9.1.

Finish notes:
Dark green color: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C

CONCRETE FOOTING (BELOW)
POLE BASE PLATE (BELOW)
UH SEAL CREST ATOP POLE; ALIGN FACE TO PRIMARY ROADWAY

REF. LINE PERPENDICULAR TO FACE OF UH SEAL

POLE CLAMP FLANGE INSERTS INTO SIGN BLADE NOTCH
1/4” THK. POLE CLAMP, 2-3/4” INTERIOR DIA. SHIM AROUND POLE AS REQUIRED

GRAPHIC SIGN BLADE W/ PORCELAIN ENAMEL GRAPHIC ON BOTH SIDES
COUNTERSUNK TAMPER RESISTANT CHICAGO SCREWS
METAL POLE
COUNTERSUNK TAMPER RESISTANT FLAT HEAD SCREWS, THREE SIDES

POLE CLAMP, POWDER COAT TO MATCH POLE

SCALE: 3” = 1’-0”

TYPE D - MOUNTING

Scale: 1” = 1’-0”

TYPE D - PLAN

Scale: Not to scale

TYPE D - MOUNTING BRACKET AXO
5.1 Section 5 // Exterior Signage: Type E - Campus Map & Event Kiosk - Freestanding

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. Note: QR code to be coordinated between university and signage manufacturer
3. For dual-sided signs, install the porcelain enamel panels with text on both sides

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C
Red: Pantone 2035 C

TYPE E - CAMPUS MAP + EVENT KIOSK - FREESTANDING

TYPE: 1 1/2" HEIGHT, WHITE, 6 PICAS LINE TO LINE

TYPE: 1" HEIGHT, BLUE, 4.5 PICAS LINE TO LINE, INCLUDE DIACRITICAL MARKS, TYP.

TYPE: 3/4" HEIGHT, BLUE, INCLUDE DIACRITICAL MARKS, TYP.

TYPE: 1/2" HEIGHT, BLUE, RIGHT-ALIGNED, 2.5 PICAS LINE TO LINE, INCLUDE DIACRITICAL MARKS, TYP.

TYPE: 1/2" HEIGHT, WHITE, RIGHT-ALIGNED, 2.5 PICAS LINE TO LINE, INCLUDE DIACRITICAL MARKS, TYP.

TYPE: 1/2" HEIGHT, WHITE, 6 PICAS LINE TO LINE

EXTERIOR-RATED TOUCH SCREEN MONITOR (OPTIONAL SECOND PANEL ON REVERSE)

PORCELAIN ENAMEL PANEL PANEL COLOR: DARK GREEN TARO LEAF PATTERN: 80% DARK GREEN

ADA REACH RANGE

TYPE: 1/2" HEIGHT, WHITE, 4.5 PICAS LINE TO LINE, INCLUDE DIACRITICAL MARKS, TYP.

TYPE: 1/2" HEIGHT, BLUE, 4.5 PICAS LINE TO LINE, INCLUDE DIACRITICAL MARKS, TYP.

QR CODE 2" X 2"

CONTINUOUS GASKET, COLOR: DARK GREEN

COUNTERSUNK TAMPER RESISTANT FLAT HEAD SCREW W/ PROTECTIVE GROMMET, TYP.

SIGN FRAME PER FABRICATOR, POWDER COATED EXTERIOR COLOR: DARK GREEN

EXISTING FINISH GRADE

FRONT ELEVATION REAR ELEVATION SIDE ELEVATION
**Notes:**

1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Ensure an area 30x48 inches fronting the operable face of the sign slopes no greater than 2% in either direction.

**Finish notes:**

- Dark green 80%; Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

**STAINLESS STEEL HINGE(S) PER SIGN MANUFACTURER**

**CONTINUOUS EXTERIOR RATED SEALANT; COLOR: DARK GREEN**

**18GA PORCELAIN ENAMEL GRAPHIC PANEL LAMINATED TO 12GA ENAMELING STEEL BACK PLATE, LAMINATED TO HARDIE 500 CEMENT BOARD BACKER**

**SEAL SEAM BETWEEN PORCELAIN ENAMEL PANEL AND SIGN FRAME W/ EXTERIOR RATED GASKET. SECURE GASKET TO INTERIOR SURFACE OF PORCELAIN ENAMEL PANEL. COLOR: MATCH SIGN FRAME - 4 SIDES; COLOR: DARK GREEN**

**SECURE PORCELAIN ENAMEL PANEL TO MOUNTING ANGLE W/ FLUSH MOUNTED TAMPER RESISTANT FLAT HEAD SCREWS AND PROTECTIVE GROMMET, @ 12" O.C. TYP.**

**SEAL SEAM BETWEEN PORCELAIN ENAMEL PANEL AND SIGN FRAME W/ EXTERIOR RATED GASKET. SECURE GASKET TO INTERIOR SURFACE OF PORCELAIN ENAMEL PANEL. COLOR: MATCH SIGN FRAME - 4 SIDES; COLOR: DARK GREEN**

**1/8" DIA. WEEPHOLES @10" O.C. ALONG BASE OF PORCELAIN ENAMEL PANELS, BOTH SIDES**

**SCALE: 3" = 1' -0"**

**SCALE: 1" = 1' -0"**

**SLOPE FROM CENTER TO BOTH FRONT AND BACK PANEL. APPLICABLE TO SIGN TYPES: E, G, H, I**

**CONCRETE APRON, SEE 1/5.4.1**

**EXISTING CONCRETE TO REMAIN**

**FOOTING, PER LICENSED STRUCTURAL ENGINEER**

**CHIP OUT ROCK AS REQUIRED, INSTALL FOOTING, AND BACKFILL SOIL**

**CONCRETE APRON, SEE 1/5.4.1**

**EXISTING CONCRETE TO REMAIN**

**FOOTING, PER LICENSED STRUCTURAL ENGINEER**

**CHIP OUT ROCK AS REQUIRED, INSTALL FOOTING, AND BACKFILL SOIL**
Section 5 // Exterior Signage: Type E - Campus Map & Event Kiosk - Flush Mount

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer
3. For dual-sided signs, install the porcelain enamel panels with text on both sides

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer
3. For dual-sided signs, install the porcelain enamel panels with text on both sides

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer
3. For dual-sided signs, install the porcelain enamel panels with text on both sides

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C
Section 5 // Exterior Signage: Type E - Campus Map & Event Kiosk - Flush Mount

IV TYPE E: CAMPUS MAP + EVENT KIOSK - FLUSH MOUNT

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2005 C
Red: Pantone 2035 C

Plan Section
Scale: 3" = 1' - 0"

1/8" MAX 4"

CONTINUOUS EXTERIOR RATED SEALANT
COLOR: DARK GREEN

ANGLE WELD TO SIGN FRAME

Z-CLIP SECURING FRAME TO WALL OR AS PER SIGNAGE FABRICATOR / INSTALATOR

ANGLE SECURING PORCELAIN ENAMEL TO FRAME

HARDCORE BACK LAMINATED TO STEEL PANEL

PORCELAIN ENAMEL PANEL LAMINATED TO STEEL PLATE

1/4" R CHIP OUT ROCK AS REQUIRED, INSTALL FOOTING AND BACKFILL SOIL.

CONCRETE SLAB

EXISTING FINISH GRADE

FOOTING AS REQUIRED, PER LICENSED STRUCTURAL ENGINEER

EXISTING WALL SURFACE

SIGN FRAME, PER FABRICATOR

SECURE SIGN TO FOOTING, PER FABRICATOR

CONCRETE BASE, PER LICENSED STRUCTURAL ENGINEER

SIGNAGE FABRICATOR / INSTALLER

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2005 C
- Red: Pantone 2035 C
VI  TYPE E: CAMPUS MAP + EVENT KIOSK - WALL MOUNTED

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C
Red: Pantone 2035 C

Type: 1 1/2" height, white, 6 picas line to line
Type: 1" height, blue, 4.5 picas line to line, include diacritical marks, t yp.
Type: 3/4" height, blue, include diacritical marks, t yp.
Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line

QR code 2" x 2"

Type: Exterior-rated touch screen monitor (optional second panel on reverse)

Porcelain enamel panel
Panel color: dark green taro leaf pattern: 80%
Dark green

ADA reach range

Metal sign frame per fabricator

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line, include diacritical marks, t yp.

Type: 1" height, blue, 4.5 picas line to line, include diacritical marks, t yp.

Type: 3/4" height, blue, include diacritical marks, t yp.

Type: 1/2" height, white, right-aligned, 2.5 picas line to line

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line, include diacritical marks, t yp.

Existing finish grade

Existing wall surface

Exterior rated gasket

Type: 1 1/2" height, white, 6 picas line to line

Countersunk tamper resistant flat head screw w/ protective grommet, t yp.

Exterior-rated touch screen monitor (optional second panel on reverse)

Porcelain enamel panel
Panel color: dark green taro leaf pattern: 80%
Dark green

ADA reach range

Metal sign frame per fabricator

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line, include diacritical marks, t yp.

Type: 1" height, blue, 4.5 picas line to line, include diacritical marks, t yp.

Type: 3/4" height, blue, include diacritical marks, t yp.

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line, include diacritical marks, t yp.

Existing finish grade

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line

Countersunk tamper resistant flat head screw w/ protective grommet, t yp.

Exterior-rated touch screen monitor (optional second panel on reverse)

Porcelain enamel panel
Panel color: dark green taro leaf pattern: 80%
Dark green

ADA reach range

Metal sign frame per fabricator

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line, include diacritical marks, t yp.

Type: 1" height, blue, 4.5 picas line to line, include diacritical marks, t yp.

Type: 3/4" height, blue, include diacritical marks, t yp.

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line, include diacritical marks, t yp.

Existing finish grade

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line

Countersunk tamper resistant flat head screw w/ protective grommet, t yp.

Exterior-rated touch screen monitor (optional second panel on reverse)

Porcelain enamel panel
Panel color: dark green taro leaf pattern: 80%
Dark green

ADA reach range

Metal sign frame per fabricator

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line, include diacritical marks, t yp.

Type: 1" height, blue, 4.5 picas line to line, include diacritical marks, t yp.

Type: 3/4" height, blue, include diacritical marks, t yp.

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line, include diacritical marks, t yp.

Existing finish grade

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line

Countersunk tamper resistant flat head screw w/ protective grommet, t yp.

Exterior-rated touch screen monitor (optional second panel on reverse)

Porcelain enamel panel
Panel color: dark green taro leaf pattern: 80%
Dark green

ADA reach range

Metal sign frame per fabricator

Exterior-rated gasket

Type: 1 1/2" height, white, 6 picas line to line, include diacritical marks, t yp.

Type: 1" height, blue, 4.5 picas line to line, include diacritical marks, t yp.

Type: 3/4" height, blue, include diacritical marks, t yp.

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line

Type: Blue, 1/2" height, right-aligned, 2.5 picas line to line, include diacritical marks, t yp.

Existing finish grade
VII  TYPE E: CAMPUS MAP + EVENT KIOSK - TRUE WALL MOUNTED

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C
Red: Pantone 2035 C

16GA PORCELAIN ENAMEL GRAPHIC PANEL LAMINATED TO 12GA ENAMELING STEEL BACK PLATE W/ LAMINATED HARDIE 500 CEMENT BOARD BACKER

STAINLESS STEEL HINGE(S) PER FRAME MANUFACTURER

SEAL SEAM BETWEEN SIGN FRAME AND EXISTING WALL SURFACE W/ EXTERIOR RATED SEALANT W/ BACKER ROD - 3 SIDES. COLOR TO MATCH SIGN OR WALL SURFACE

EXTERIOR RATED SEALANT
COLOR: MATCH SIGN FRAME - 4 SIDES

SEAL SEAM BETWEEN PORCELAIN ENAMEL PANEL AND SIGN FRAME W/ EXTERIOR RATED GASKET. SECURE GASKET TO INTERIOR SURFACE OF PORCELAIN ENAMEL PANEL. COLOR: MATCH SIGN FRAME - 4 SIDES; COLOR: DARK GREEN

SECURE PORCELAIN ENAMEL PANEL TO MOUNTING ANGLE W/ TAMPER RESISTANT FLAT HEAD SCREWS AND PROTECTIVE GROMMET, @ 12" O.C. TYP.

EXTERIOR-RATED TOUCH SCREEN MONITOR

SIGN FRAME, PER FABRICATOR; SECURE TO WALL PER FABRICATOR

EXISTING FINISH GRADE
**TOUCHSCREEN KIOSK SPECIFICATION DEFINITIONS:**

**ETHERNET:** Local area network based on IEEE 802.3 standards.

**FIRMWARE:** Software (programs or data) that has been written onto read-only memory (ROM). Firmware is a combination of software and hardware. Storage media with ROMs that have data or programs recorded on them are firmware.

**I/O:** Input/output.

**LAN:** Local area network; sometimes plural as “LANs.”

**LCD:** Liquid crystal display.

**LOW VOLTAGE:** As defined in NFPA 70 for circuits and equipment operating at less than 50 V or remote-control, signaling and power-limited circuits.

**FIRMWARE:** Software (programs or data) that has been written onto read-only memory (ROM). Firmware is a combination of software and hardware. Storage media with ROMs that have data or programs recorded on them are firmware.

**PC:** Personal computer; sometimes plural as “PCs.”

**RS-232:** A TIA standard for asynchronous serial data communications between terminal devices.

**RS-485:** A TIA standard for multipoint communications using two twisted-pairs.

**TCP/IP:** Transport control protocol/Internet protocol incorporated into Microsoft Windows.

**UPS:** Uninterruptible power supply; used both in singular and plural context.

**WAN:** Wide area network.

**TOUCHSCREEN KIOSK SPECIFICATION MANUFACTURERS:**

**MANUFACTURERS:** Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

- MDKS.
- Planar.
- Cybertouch.

**TOUCHSCREEN KIOSK SPECIFICATION USER INTERFACE:**

**USER INTERFACE:** Customizable interface for use by students, faculty, and guests. User interface includes multiple interactive screens setup in a hierarchal configuration. Operable touch buttons of the interface to be located within ADA reach range per 1/5.4.1.

**INTERACTIVE CAMPUS MAP:** Map of the campus showing building names, road names, and current location. Directory of the same shown below map. Map to have capability to be rescaled via touch gesture and/or plus/minus zoom buttons. Search feature with typed or spoken information. Option to request directions to searched, typed, or selected from directory location. Directions to offer walking, biking, or driving routes, and times as relevant.

**EVENTS BULLETIN:** List of current campus events. Linked to UHM website events page as administered and coordinated with UHM ITS. Selecting an event will open a larger view or link to event specific content. If larger view, ability to select event location and be linked back to interactive campus map highlighting location.
**X** TOUCHSCREEN KIOSK SPECIFICATION APPLICATIONS SOFTWARE:

**BASIC REQUIREMENTS:**
- Fully compatible with and based on the approved operating system.
- Password-protected operator login and access.
- Password-protected setup functions.
- Capability of creating, deleting, and copying files; and automatically maintaining a directory of all files, including size and location of each sequential and random-ordered record.

**XI** TOUCHSCREEN KIOSK SPECIFICATION MANUFACTURERS:

**DISPLAY / GLASS SURFACE:** TFT LCD/Black Anti-Glare 3H, low reflection, AR/Oleo Phobic coat, Heat Strengthened 3mm.

**ASPECT RATIO / SIZE:** Wide / 42" viewable diagonal area 16:9.

**ACTIVE AREA / PIXEL PITCH:** 930.24(H) x 523.26 (V) mm / 484(8(H) x 0.4845(V) mm.

**NATIVE RESOLUTION / COLORS:** 1920(H) x 1080(V) / 16.7 Million 8 bit.

**BRIGHTNESS / CONTRAST:** 1200 cd/m2 (typ) / 4000 :1.

**RESPONSE TIME:** 6.5 ms on/off.

**VIEWING ANGLE:** H. 170° (- 85° ~ + 85°), V 160°(- 80° ~ + 80°).

**LIGHT SOURCE:** LED , Long life, 75,000 hrs.

**SIGNAL:** HDMI, DVI, VGA, S-Video. Composite Video input NTSC, PAL and SECAM standard.

**FREQUENCY:** DVI input support up to 1920x1200 60Hz input signals.

**BACKLIGHT ADJUSTMENT:** Screen brightness adjusts automatically based on input from an ambient light sensor.

**HOUSING:** NEMA 4X enclosure

**XII** TOUCH SCREEN KIOSK SPECIFICATION DESCRIPTION:

**TOUCHSCREEN:** Customizable touchscreen monitor interface for campus way finding, events announcement, etc.

**PC:** Provides programmable information to the touchscreen.

**QR CODE:** Displayed on sign panel for use with smart phone or other mobile device to send device to University sign panel generated website/content as administered and coordinated with UHM ITS.
TYPE F: CAMPUS MAP - WALL MOUNTED

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold
2. QR code to be coordinated between university and signage manufacturer
3. University generated map graphic to include "You Are Here" icon placed per map location.
   See 5.51 for additional information.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

"YOU ARE HERE" GRAPHIC SYMBOL TO BE PLACED ON CAMPUS MAPS AND DISTRICT MAPS PER SIGN LOCATION AS NOTED. MAP GRAPHIC INCLUDING "YOU ARE HERE" GRAPHIC BY UNIVERSITY.

UHM Signage Guidelines // exterior signage fabrication + installation
Section 5 // Exterior Signage: Type F - Campus Map - Wall Mounted

**TYPE F: CAMPUS MAP - WALL MOUNTED**

Notes:
1. Mounting system to facilitate removal and minimize disturbance of existing wall surfaces.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

**Mounting Detail**

Scale: 12” = 1’-0”

- **CONT. THIN EXTERIOR RATED BEAD SEALANT**
  - Colored to match sign or wall surface - 4 SIDES

- **Z-CLIP MOUNTED TO HARDIE PANEL OR AS PER SIGNAGE FABRICATOR/INSTALLER**

- **Z-CLIP SECURING SIGN TO WALL OR AS PER SIGNAGE FABRICATOR/INSTALLER**

- **REMOVABLE HIGH PRESSURE LAMINATE MAP PANEL**

- **1/8” DIAMETER WEEP HOLE**
  - AT 10” O.C.

- **1/4” RADIUS**

- **1 1/2”**

- **ALIGN**

- **SECURE MAP PANEL TO ENAMEL FRAME W/ SCREWS & WASHERS THROUGH SLOTTED MOUNTING PLATE.**

- **SEAL SEAM BETWEEN PORCELAIN ENAMEL PANEL AND LAMINATE PANEL W/ EXTERIOR RATED SEALANT - 4 SIDES, COLOR: DARK GREEN**

- **MOUNTING ANGLE: PROVIDE SUFFICIENT SPACE TO BASE OF SIGN TO ALLOW INSTALLATION / REMOVAL OF SIGN**

- **HARDIE BACKER PANEL LAMINATED TO STEEL PANEL, ROUTE HARDIE BACKER PANEL FOR LAMINATE MAP PANEL**

- **16GA PORCELAIN ENAMEL GRAPHIC PANEL LAMINATED TO 12GA ENAMELING STEEL BACK PLATE, LAMINATED TO HARDIE 500 CEMENT BOARD BACKER, TYP.**

- **1/8” DIA. WEEP HOLE AT 10” O.C.**

- **PROTECTIVE GROMMET OR WASHER**

- **TAMPER RESISTANT FLAT HEAD MACHINE SCREW**

- **EXISTING WALL SURFACE**
Section 5 // Exterior Signage: Type G - Campus Map - Free Standing

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold
2. QR code to be coordinated between university and signage manufacturer
3. Refer to Type E for additional notes
4. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

TYPE G: CAMPUS MAP - FREE STANDING

19" MAP

24" SIGN PANEL

CONCRETE FOOTING & APRON,
INTEGRALLY COLORED: WHITE;
PER LICENSED STRUCTURAL ENGINEER

CONTINUOUS EXTERIOR RATED
GASKET; COLOR:
DARK GREEN

COUNTERSUNK TAMPER RESISTANT
FLAT HEAD SCREW W/ PROTECTIVE
GROMMET, TYP.

SIGN FRAME PER
FABRICATOR,
POWDER COATED
EXTERIOR COLOR:
DARK GREEN

CONCRETE APRON

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold
2. QR code to be coordinated between university and signage manufacturer
3. Refer to Type E for additional notes
4. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

TYPE G - FREE STANDING

Scale: 1" = 1'-0"
TYPE G: CAMPUS MAP - FREE STANDING

Notes:
1. Refer to Type E for additional notes
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

- Secure porcelain enamel panel to mounting angle w/tamper resistant flat head screws with protective grommet, typ.
- Seal seam between porcelain enamel panel and sign frame w/ exterior rated gasket. Secure gasket to interior surface of porcelain enamel panel. Color: match sign frame - 4 sides; color: dark green
- Secure map panel to enamal panel hardie backer w/ screws
- 16GA porcelain enamel graphic panel laminated to 12GA enameling steel back plate, laminated to hardie 500 cement board backer, typ.
- Sign frame per fabricator. Powder coated exterior finish color: dark green
- Stainless steel hinge(s) per frame manufacturer

Slope from center to both front and back panel: Applicable to sign types: E, G, H, I

0' 1/2' 1' 2'

Section 5 // Exterior Signage: Type G - Campus Map - Free Standing

5.6.2

Notes:
1. Refer to Type E for additional notes
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

- Secure porcelain enamel panel to mounting angle w/tamper resistant flat head screws with protective grommet, typ.
- Seal seam between porcelain enamel panel and sign frame w/ exterior rated gasket. Secure gasket to interior surface of porcelain enamel panel. Color: match sign frame - 4 sides; color: dark green
- Secure map panel to enamal panel hardie backer w/ screws
- 16GA porcelain enamel graphic panel laminated to 12GA enameling steel back plate, laminated to hardie 500 cement board backer, typ.
- Sign frame per fabricator. Powder coated exterior finish color: dark green
- Stainless steel hinge(s) per frame manufacturer

Slope from center to both front and back panel: Applicable to sign types: E, G, H, I

0' 1/2' 1' 2'

Section 5 // Exterior Signage: Type G - Campus Map - Free Standing

5.6.2

Notes:
1. Refer to Type E for additional notes
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

- Secure porcelain enamel panel to mounting angle w/tamper resistant flat head screws with protective grommet, typ.
- Seal seam between porcelain enamel panel and sign frame w/ exterior rated gasket. Secure gasket to interior surface of porcelain enamel panel. Color: match sign frame - 4 sides; color: dark green
- Secure map panel to enamal panel hardie backer w/ screws
- 16GA porcelain enamel graphic panel laminated to 12GA enameling steel back plate, laminated to hardie 500 cement board backer, typ.
- Sign frame per fabricator. Powder coated exterior finish color: dark green
- Stainless steel hinge(s) per frame manufacturer

Slope from center to both front and back panel: Applicable to sign types: E, G, H, I

0' 1/2' 1' 2'
**TYPE H: CAMPUS MAP W/ PARKING MAP REGULATIONS**

**Notes:**
2. QR code to be coordinated between university and signage manufacturer
3. For dual-sided signs, install the porcelain enamel panels with text on both sides
4. Parking regulation text per University. Varies per location.
5. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

---

**Diagram Details:**
- **Dimension:** 1" = 1'-0"
- **Scale:**
  - 2'1/2" = 2'-0"
  - 3'6" = 3'-0"
  - 4'1/2" = 4'-0"
  - 5'6" = 5'-0"
  - 6'0" = 6'-0"
  - 8'0" = 8'-0"
  - 10'0" = 10'-0"
  - 12'0" = 12'-0"

---

**Legend:**
- **C SIGN**
- **C TEXT**
- **C MAP**
- **L**
- **CLR**

---

**Section 5 // Exterior Signage: Type H - Campus Map w/ Parking Regulations**

**Notes:**
1. **Typeface:** street names and titles: Frutiger LT 57 Condensed. Bold condensed regulation text: Frutiger LT 57 Condensed
2. **QR code:** to be coordinated between university and signage manufacturer
3. For dual-sided signs, install porcelain enamel panels with text on both sides
4. Parking regulation text per University. Varies per location.
5. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

---

**Diagram Details:**
- **Dimension:** 1" = 1'-0"
- **Scale:**
  - 2'1/2" = 2'-0"
  - 3'6" = 3'-0"
  - 4'1/2" = 4'-0"
  - 5'6" = 5'-0"
  - 6'0" = 6'-0"
  - 8'0" = 8'-0"
  - 10'0" = 10'-0"
  - 12'0" = 12'-0"

---

**Legend:**
- **C SIGN**
- **C TEXT**
- **C MAP**
- **L**
- **CLR**

---

**Notes:**
1. **Typeface:** street names and titles: Frutiger LT 57 Condensed. Bold condensed regulation text: Frutiger LT 57 Condensed
2. **QR code:** to be coordinated between university and signage manufacturer
3. For dual-sided signs, install porcelain enamel panels with text on both sides
4. Parking regulation text per University. Varies per location.
5. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

---

**Diagram Details:**
- **Dimension:** 1" = 1'-0"
- **Scale:**
  - 2'1/2" = 2'-0"
  - 3'6" = 3'-0"
  - 4'1/2" = 4'-0"
  - 5'6" = 5'-0"
  - 6'0" = 6'-0"
  - 8'0" = 8'-0"
  - 10'0" = 10'-0"
  - 12'0" = 12'-0"

---

**Legend:**
- **C SIGN**
- **C TEXT**
- **C MAP**
- **L**
- **CLR**

---

**Notes:**
1. **Typeface:** street names and titles: Frutiger LT 57 Condensed. Bold condensed regulation text: Frutiger LT 57 Condensed
2. **QR code:** to be coordinated between university and signage manufacturer
3. For dual-sided signs, install porcelain enamel panels with text on both sides
4. Parking regulation text per University. Varies per location.
5. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

---

**Diagram Details:**
- **Dimension:** 1" = 1'-0"
- **Scale:**
  - 2'1/2" = 2'-0"
  - 3'6" = 3'-0"
  - 4'1/2" = 4'-0"
  - 5'6" = 5'-0"
  - 6'0" = 6'-0"
  - 8'0" = 8'-0"
  - 10'0" = 10'-0"
  - 12'0" = 12'-0"

---

**Legend:**
- **C SIGN**
- **C TEXT**
- **C MAP**
- **L**
- **CLR**

---

**Notes:**
1. **Typeface:** street names and titles: Frutiger LT 57 Condensed. Bold condensed regulation text: Frutiger LT 57 Condensed
2. **QR code:** to be coordinated between university and signage manufacturer
3. For dual-sided signs, install porcelain enamel panels with text on both sides
4. Parking regulation text per University. Varies per location.
5. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

---

**Diagram Details:**
- **Dimension:** 1" = 1'-0"
- **Scale:**
  - 2'1/2" = 2'-0"
  - 3'6" = 3'-0"
  - 4'1/2" = 4'-0"
  - 5'6" = 5'-0"
  - 6'0" = 6'-0"
  - 8'0" = 8'-0"
  - 10'0" = 10'-0"
  - 12'0" = 12'-0"

---

**Legend:**
- **C SIGN**
- **C TEXT**
- **C MAP**
- **L**
- **CLR**
II TYPE H: CAMPUS MAP W/ PARKING MAP REGULATIONS

Notes:
1. Refer to 2/5.6.2 for additional notes
2. On sloping grades: Maintain 3” min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

SAW CUT AND REMOVE CONCRETE OR ASPHALT AND INFILL AS REQUIRED FOR FOOTING. MATCH FINISH OF ADJACENT EXISTING SURFACE

CHIPS AT ROCK AS REQUIRED, INSTALL FOOTING, AND BACKFILL WITH SOIL

PORCELAIN ENAMEL PANEL WITH HARDIE BACKER - BOTH SIDES

REMOVABLE HIGH PRESSURE LAMINATE CAMPUS MAP PANEL

SIGN FRAME, PER FABRICATOR

SECURE SIGN TO FOOTING, PER FABRICATOR

CONCRETE FOOTING, PER LICENSED STRUCTURAL ENGINEER

EXISTING CONCRETE OR ASPHALT FINISH GRADE

FOOTING, PER LICENSED STRUCTURAL ENGINEER
5.1 Type I: Vehicular Directional Signage

Notes:
1. Font: street names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C

Section 5 // Exterior Signage: Type I - Vehicular Directional
Section 5 // Exterior Signage: Type I - Vehicular Directional

**TYPE I: VEHICULAR DIRECTIONAL SIGNAGE**

**Notes:**
1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

**Finish notes:**
- Dark green 80%; Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C

**TYPE I - VEHICULAR ARROW**

- **Detail**
  - Scale: 6" = 1' - 0"

**TYPE I - VEHICULAR DIRECTIONAL SIGN**

- **Section**
  - Scale: 1" = 1' - 0"

**Scale:** 1" = 1' - 0"
**TYPE J: PEDESTRIAN DIRECTIONAL SIGNAGE**

Notes:
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black

**Notes:**
1. Typeface: destination names and titles: Frutiger LT 57 Condensed, Bold
   condensed regulation text: Frutiger LT 57 Condensed
2. Sign text varies per sign location.
3. Refer to Type D for additional notes.

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Black: Nocturne Black
Section 5 // Exterior Signage: Type J - Pedestrian Directional

### II TYPE J: VEHICULAR DIRECTIONAL SIGNAGE

**Notes:**
1. Typeface: Frutiger LT 57 Condensed
2. Finish notes:
   - Dark green 80%: Pantone 3435
   - White: Cameo white (corian white)
   - Black: Nocturne Black

### TYPE J - PEDESTRIAN DIRECTIONAL SIGN

**Plan**
Scale: 1" = 1' - 0"

- 30°

**Notes:**
- Typeface: Frutiger LT 57 Condensed
- Finish notes:
  - Dark green 80%: Pantone 3435
  - White: Cameo white (corian white)
  - Black: Nocturne Black

**Notes:**
- Typeface: Frutiger LT 57 Condensed
- Finish notes:
  - Dark green 80%: Pantone 3435
  - White: Cameo white (corian white)
  - Black: Nocturne Black

**Notes:**
- Typeface: Frutiger LT 57 Condensed
- Finish notes:
  - Dark green 80%: Pantone 3435
  - White: Cameo white (corian white)
  - Black: Nocturne Black

### TYPE J - PEDESTRIAN DIRECTIONAL SIGN

**Elevation**
Scale: 3" = 1' - 0"

- 1 1/2" TYP.
- 3" DEEP, 1/4" WIDE NOTCH
- 16 GA PORCELAIN ENAMEL GRAPHIC PANEL (EA. SIDE) LAMINATED TO 1/2" ALUMINUM PLATE, FACE AND EDGE COLOR: CAMEO WHITE
- 2 1/2" HEIGHT, DARK GREEN, INITIAL UPPER CASE LETTER
- 2" HEIGHT, DARK GREEN, UPPER CASE LETTERS
- 1 1/2" TYP.
- PORCELAIN ENAMEL GRAPHIC SIGN BLADE COLOR: CAMEO WHITE
- 0' 1' 2'
- 0' 3' 6' 12'
Section 5 // Exterior Signage: Type K - ADA Accessible Entrance

5.10

TYPE K - ADA ACCESSIBLE ENTRANCE

Finish notes:
Dark green 80%; Pantone 3435
White: Cameo white (corian white)

1. EXISTING ENTRY SURFACE

5.10

ENTRY SIGN ELEVATION
Scale: 3" = 1' - 0"

TYPE K - MOUNT TO ROCK WALL

Section
Scale: 6" = 1' - 0"

GROUT BEHIND SIGN PANEL
COLOR: CAMEO WHITE
(E) ROCK WALL SURFACE
ADA ENTRY SIGN

EPOXY MOUNTED PINS WELDED OR FASTEN TO BACK OF SIGN. PIN MATERIAL TO MATCH SIGN CORE MATERIAL.
I. TYPE L: ACCESSIBLE PATHWAY

Notes:
1. Coordinate steel top plate and precast column capital dimensions to achieve aligned finish surfaces as indicated on 5.11.2.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Corian white

Section 5 // Exterior Signage: Type L - Accessible Pathway

5" x 5" PORCELAIN ENAMEL PANEL W/ ACCESSIBILITY SYMBOL, LOCATION TO BE COORDINATED IN FIELD

5" x 5" PORCELAIN ENAMEL PANEL NOT RECEIVING DIRECTIONAL SYMBOL; COLOR: DARK GREEN

ARROW DIRECTION VARIES PER LOCATION OF ACCESSIBLE PATHWAY

5" x 5" PORCELAIN ENAMEL PANEL ALL FACES NOT RECEIVING DIRECTIONAL SYMBOL; COLOR: DARK GREEN

EXISTING FINISH GRADE

PRECAST CONCRETE COLUMN INTEGRAL COLOR: CAMEO WHITE

5 3/8" STEEL TOP PLATE 8" TUBE STEEL & ENAMEL PANELS 4 1/2" PRECAST CAPITAL

16 GA PORCELAIN ENAMEL GRAPHIC LAMINATED TO 12 GA ENAMELING STEEL PLATE, ADHERE TO TUBE STEEL WITH EXTERIOR RATED ADHESIVE, TYP 4 SIDES

COUNTERSUNK SCREW

5\(\times\)5\(\times\)3/16" STAINLESS STEEL TUBE

TYPE L - FREESTANDING

Head Section
Scale: 6" = 1'-0"

Notes:
1. Coordinate steel top plate and precast column capital dimensions to achieve aligned finish surfaces as indicated on 5.11.2.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Corian white

TYPE L - FREESTANDING

Side + Front Elevation
Scale: 1-1/2" = 1'-0"
Section 5 // Exterior Signage: Type L - Accessible Pathway

TYPE L: ACCESSIBLE PATHWAY

Finish notes:
Dark green 80%; Pantone 3435
White: Cameo white (corian white)

**II Vertical Section**
Scale: 6" = 1'-0"

48" TOP OF PRECAST COLUMN
3/16" STAINLESS STEEL PLATE WITH RADIUSED CORNERS, WELDED TO TUBE STEEL, POWDER COAT, COLOR: DARK GREEN
5 1/4" x 5 1/4" SQUARE PRECAST CONCRETE COLUMN, INTEGRALLY COLORED

COUNTERSUNK FLATHEAD SCREW, OPPOSITE FACES OF COLUMN
PORCELAIN ENAMEL GRAPHIC PANEL; ADHER TO FACE OF TUBE STEEL WITH EXTERIOR RATED ADHESIVE
PRECAST CONCRETE COLUMN CAPITAL
SEAL EDGES AROUND GRAPHIC PANEL WITH EXTERIOR RATED SEALANT, COLOR: DARK GREEN

EMBED PRECAST CONCRETE POST IN FOOTING PER LICENSED STRUCTURAL ENGINEER
REMOVE SOIL AND INFILL AS REQUIRED FOR FOOTING. MATCH FINISH OF ADJACENT EXISTING SURFACE
CHIP OUT ROCK AS REQUIRED, INSTALL FOOTING & PRECAST COLUMN, AND BACKFILL WITH SOIL

ALIGN 48" TOP OF PRECAST COLUMN
PRECAST CONCRETE COLUMN CAPITAL
REMOVE SOIL AND INFILL AS REQUIRED FOR FOOTING. MATCH FINISH OF ADJACENT EXISTING SURFACE
CHIP OUT ROCK AS REQUIRED, INSTALL FOOTING & PRECAST COLUMN, AND BACKFILL WITH SOIL
EMBED PRECAST CONCRETE POST IN FOOTING PER LICENSED STRUCTURAL ENGINEER
REMOVE SOIL AND INFILL AS REQUIRED FOR FOOTING. MATCH FINISH OF ADJACENT EXISTING SURFACE
CHIP OUT ROCK AS REQUIRED, INSTALL FOOTING & PRECAST COLUMN, AND BACKFILL WITH SOIL
EMBED PRECAST CONCRETE POST IN FOOTING PER LICENSED STRUCTURAL ENGINEER
Section 5 // Exterior Signage: Type L - Accessible Pathway

### III TYPE L: ACCESSIBLE PATHWAY

**Finish notes:**
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)

---

**Type L - Directional Sign Face**

PORCELAIN ENAMEL BACKGROUND
- COLOR: DARK GREEN

DIRECTIONAL ARROW, TYP.
- ORIENTATION OF ARROW VARIES PER LOCATION (MULTIPLE ORIENTATION ARROWS SHOWN FOR REFERENCE)
- COLOR: CAMEO WHITE

INTERNATIONAL SYMBOL OF ACCESSIBILITY, CENTERED ON SIGN FACE;
- COLOR: CAMEO WHITE

**Type L - Wall Mounted**

2" MIN TO EDGE OF MOUNTING SURFACE, TYP.

Scale: 1" = 1'-0"
**TYPE M: VISITOR PARKING**

Notes:
1. Text to reference nearest landmark building/location.
2. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2605 C

Entire sign for reference. Scale: 1/2" = 1'-0"
Section 5 // Exterior Signage: Type M - Visitor Parking

TYPE M: VISITOR PARKING

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C

SECURE SIGNAGE W/ COUNTERSUNK TAMPER RESISTANT FLAT HEAD CHICAGO SCREWS, WITH PROTECTIVE GROMMET, TYP.

HEMISPHERICAL POST CAP

TAMPER RESISTANT FLAT HEAD SCREWS, COUNTERSUNK, TYP.

ALUM. BRACKET COLLAR, POWDER COATED, COLOR: MATCH POLE

PARKING LOT NAME, VARIES PER LOCATION

SEE 5.12.3 FOR SIGN TEXT NOTES

ALUMINUM POST

BRACKET COLLAR

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C

UHM Signage Guidelines // exterior signage fabrication + installation

5.12.2
III TYPE M: VISITOR PARKING

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C

16" DIA. VISITOR PARKING SIGN:
TEXT VARIIES PER SIGN LOCATION.
TEXT TO REFERENCE NEAREST LANDMARK/ BUILDING LOCATION

1 3/4" THK. ALUM. CORE - POWDER COAT,
COLOR: CAMEO WHITE

3/4" ALUM FLANGE,
MOUNT FLANGE TO EXIST. SURFACE,
POWDER COAT, COLOR: CAMEO WHITE

16" DIA. VISITOR PARKING SIGN:
TEXT VARIIES PER SIGN LOCATION.
TEXT TO REFERENCE NEAREST LANDMARK/ BUILDING LOCATION

16 GA PORCELAIN ENAMEL GRAPHIC LAMINATED
ON FRONT AND REVERSE OF ALUMINUM CORE;
COLORS: DARK GREEN & CAMEO WHITE

TYPE: 7/8" HEIGHT, BLUE,
INITIAL UPPER CASE,
LOWER CASE LETTERS

CENTER TEXT
VERTICALLY WITHIN
GREEN BAND

TYPE: 7/8" HEIGHT, CAMEO WHITE, UPPER CASE LETTERS

EXIST. WALL OR CEILING SURFACE

CENTER LOT NAME AT BASE OF SIGN

3/4" THK. ALUM. CORE - POWDER COAT,
COLOR: CAMEO WHITE

VARIIES PER LOCATION

MAINTAIN CLEARANCES

MOUNTING HOLE:
Type: 7/8" height, cameo white, lower case letters

SECURE TO WALL SURFACE PER FABRICATOR/ INSTALLER

3/4" ALUM FLANGE,
MOUNT FLANGE TO EXIST. SURFACE,
POWDER COAT, COLOR: CAMEO WHITE

EXIST. WALL OR CEILING SURFACE

UHM Signage Guidelines // exterior signage fabrication + installation // Section 5 // Exterior Signage: Type M - Visitor Parking

Scale: 3" = 1' - 0"

TYPE M - WALL MOUNTED

Elevation View

Top View
**TYPE N: EXTERIOR ENTRANCE**

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold
2. Sign text varies per sign location.
3. Refer to ADAAG 703.3 braille and 703.2 raised characters for further information and requirements.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)

**UH Logo, 1-3/8" Ø, Cameo White**

**Queen Lili’uokalani Center for Student Services**
2600 Campus Road

- Multi-line building name
- Type N: Exterior Entrance

**Type N - Exterior Entrance Sign**

Scale: 6" = 1'-0"
**TYPE N: EXTERIOR ENTRANCE**

Notes:
1. Typeface: Frutiger LT 57 Condensed, Bold
2. Sign text varies per sign location.
3. Refer to ADAAG 703.3 braille and 703.2 raised characters for further information and requirements.

Finish notes:
- Dark green 80%: Pantone 3435
- White: Cameo white (corian white)

---

**NOTE: SEE 5.13.1 FOR ADDITIONAL NOTES**

---

**TYPE N - EXTERIOR ENTRANCE SIGN**

**Scale: 6” = 1’-0”**

1. **Building Name:** Initial, upper case letter, 1" height; subsequent upper case letters, 3/4" height; left-aligned, dark green
2. **Address:** 5/8" height, dark green
3. **Building Name and Address Braille Text:** 100% raised, right-aligned, grade 2, cameo white; text shown for reference only
4. **High Pressure Laminate, Dark Green**

**Scale: 6” = 1’-0”**

---

**TYPE N - MOUNTING DETAIL**

Sign panel mounted to wall

---

**UHM Signage Guidelines // exterior signage fabrication + installation // 5.13.2**
TYPE O: WALL MOUNTED DISTRICT MAP

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer
3. University generated map graphic to include “You Are Here” icon placed per map location. See 5.51 for additional information.

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C
Red: Pantone 2035 C

---

**Section 5 // Exterior Signage: Type O - District Map**

**WALL MOUNT DISTRICT MAP**

**EXISTING FINISH GRADE**

**EXISTING WALL SURFACE**

---

**REMOVABLE HIGH PRESSURE LAMINATE CAMPUS MAP PANEL**

**PORCELAIN ENAMEL PANEL; PANEL COLOR: DARK GREEN; TARO LEAF PATTERN: 80% DARK GREEN**

**TYPE: 1 1/2" HEIGHT, WHITE**

**TYPE: 1" HEIGHT, BLUE, INCLUDE DACRITICAL MARKS, TYP.**

**SPACE FOR OPTIONAL MAP LEGEND OR DIRECTORY**

**TYPE: 1 1/2" HEIGHT, WHITE**

**TYPE: 1" HEIGHT, BLUE, INCLUDE DACRITICAL MARKS, TYP.**

**TYPE: 1" HEIGHT, WHITE, 4.5 PICAS LINE TO LINE, INCLUDE DACRITICAL MARKS, TYP.**

**TYPE: 3/4" HEIGHT, BLUE, INCLUDE DACRITICAL MARKS, TYP.**

**TYPE: 1/2" HEIGHT, BLUE, RIGHT-ALIGNED, 2.5 PICAS LINE TO LINE**

**QR CODE 2" X 2"**

**TYPE: 1/2" HEIGHT, BLUE, RIGHT-ALIGNED, 2.5 PICAS LINE TO LINE, INCLUDE DACRITICAL MARKS, TYP.**

**EXISTING WALL SURFACE**

**EXISTING FINISH GRADE**

---

**SIGN PANEL**

**DISTRICT MAP**

**C SIGN**

**C TEXT**

**C MAP**

---

**STUDENT HOUSING**

**HALL NOHO WAIMANA**

**UNIVERSITY OF HAWAI‘I AT MANOA**

**KE KULANUI O HAWAI‘I MA MANOA**

**KOMO MAMAO: PALAPALA ‘AINA KA HUA KULA, PAPA INOA, A HANANA HOU**

ACCESS CAMPUS MAP, DIRECTORIES AND UPCOMING EVENTS REMOTELY

---

**Scale: 1" = 1’-0”**

---

**NOTES:**

1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer
3. University generated map graphic to include “You Are Here” icon placed per map location. See 5.51 for additional information.

---

**FINISH NOTES:**

Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C
Red: Pantone 2035 C

---

**Legend:**

- **SIGN PANEL**
- **DISTRICT MAP**
- **C SIGN**
- **C TEXT**
- **C MAP**
- **EXISTING WALL SURFACE**
- **EXISTING FINISH GRADE**
- **WALL MOUNT DISTRICT MAP**
- **SCALING**
Section 5 // Exterior Signage: Type O - District Map

Notes:
1. Typeface: Frutiger LT 57 Condensed
2. QR code to be coordinated between university and signage manufacturer
3. University generated map graphic to include "You Are Here" icon placed per map location. See 5.51 for additional information.

Finish notes:
- Dark green 80%; Pantone 3435
- White: Cameo white (corian white)
- Blue: Pantone 2905 C
- Red: Pantone 2035 C

TYPE O: FREESTANDING DISTRICT MAP

24" SIGN PANEL

STUDENT HOUSING
HALE NOHO HAUMĀNA
UNIVERSITY OF HAWAI'I AT MANOA

D I S T R I C T M A P
ʻPALAPALA ʻAINA APANA
KAHUA KULA, PAPA INOA,
A HANANA HOU
ACCESS CAMPUS MAP, DIRECTORIES AND
UPCOMING EVENTS REMOTELY

CONCRETE FOOTING & APRON, INTEGRALLY
COLORED: WHITE, SEE STRUC.

SCALE: 1" = 1'-0"

Types:
- 1 1/2" HEIGHT, WHITE
- 1" HEIGHT, BLUE, INCLUDE DIACRITICAL MARKS, TYP.
- 1" HEIGHT, WHITE, 4.5 PICAS LINE TO LINE, INCLUDE DIACRITICAL MARKS, TYP.
- 1/2" HEIGHT, BLUE, INCLUDE DIACRITICAL MARKS, TYP.
- 1/2" HEIGHT, BLUE, RIGHT-ALIGNED, 2.5 PICAS LINE TO LINE

Colorways:
- Type 1: Dark green 80%; Pantone 3435
- Type 2: White: Cameo white (corian white)
- Type 3: Blue: Pantone 2905 C
- Type 4: Red: Pantone 2035 C

QR Code:
- 2" x 2"

Additional notes:
- University generated map graphic to include "You Are Here" icon placed per map location.
- QR code to be coordinated between university and signage manufacturer.
- Map graphic to include "You Are Here" icon per map location.
- See 5.51 for additional information.
**TYPE P: HORIZONTAL BANNER**

Notes:
1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
- White: Cameo white (corian white)

---

**BANNER FRAME SEGMENT SEAM PER FABRICATOR, TYP. SEGMENTS SECURE WITH PUSH PIN RELEASES**

**BANNER AND TIE TO EYELETS SHOWN FOR REFERENCE**

**EYELET, WELD TO BANNER FRAME**

**2 3/4" DIA. 10GA ALUMINUM POLE - POWDER COATED, COLOR: CAMEO WHITE**

**CONCRETE FOOTING, INTEGRALLY COLORED, COLOR: CAMEO WHITE PROVIDE REMOVABLE POLE SLEEVE CAP**

**EXISTING GRADE**

---

**Section 5 // Exterior Signage: Type P - Horizontal Banner**

---

**UHM Signage Guidelines // exterior signage fabrication + installation**
**TYPE P: HORIZONTAL BANNER**

**Notes:**
1. On sloping grades: Maintain 3” min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.

Finish notes:
White: Cameo white (corian white)

- Align sign pole segment
- Push pin per fabricator
- Banner pole segment
- Securing eyelet, welded to internal connecting pole; coordinate with footing eyelet height
- Internal connecting pole; slide into pole sleeve and banner pole

![Diagram of Type P - Horizontal Banner](image)

**Section 5 // Exterior Signage: Type P - Horizontal Banner**

UHM Signage Guidelines // exterior signage fabrication + installation
Section 5 // Exterior Signage: Type Q - Vertical Banner

TYPE Q: VERTICAL BANNER - ROUND POLE

Notes:
1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Secure bracket to pole per manufacturer.

IF ORIENTED BELOW LUMINARY, PROVIDE 3'-0" MINIMUM CLEARANCE TO TOP OF BANNER

1/4-20 BOLTS 2-PER SIDE AS SHOWN

6'-0" CLR. MIN.
OVER LANDSCAPING
7'-6" CLR MIN.
OVER PEDESTRIAN WALKWAYS

BANNER WIDTH
SEE 5.16.3

BANNER HEIGHT
SEE 5.16.3

TOP VIEW

FUTURE ALUMINUM LIGHT POLE
CAST CLAMPS, ALUMINUM

18".

SAFETY CABLE
(2) SET SCREWS

BRASS BALL
(UNSCREWS)

BANNER ARM
BREAKAWAY COUPLING

SIDE VIEW

TYPE Q - VERTICAL BANNER
Round Pole Details
Scale: 1" = 1'-0"

Notes:
1. On sloping grades: Maintain 3" min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Secure bracket to pole per manufacturer.

UHM Signage Guidelines // exterior signage fabrication + installation

5.16.1
**TYPE Q: VERTICAL BANNER - SQUARE POLE**

Notes:
1. On sloping grades: Maintain 3” min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Provide dissimilar metal protection between strap and bracket.
3. Banner arm and bracket hardware per manufacturer.

---

**UHM Signage Guidelines // exterior signage fabrication + installation**

**Section 5 // Exterior Signage: Type Q - Vertical Banner**

**TYPE Q - VERTICAL BANNER**

**Square Pole Elevation**

Scale: 1/2” = 1’-0”

**Top View**

**Side View**

**TYPE Q - VERTICAL BANNER**

**Square Pole Details**

Scale: 1” = 1’-0”

Notes:
1. On sloping grades: Maintain 3” min. clearance of top of concrete footing above finish grade; provide flat and level top surface of footing for signage installation.
2. Provide dissimilar metal protection between strap and bracket.
3. Banner arm and bracket hardware per manufacturer.
III  TYPE Q: VERTICAL BANNER

Finish notes:
Dark green 80%: Pantone 3435
White: Cameo white (corian white)
Blue: Pantone 2905 C

Vertical Banner Specifications

Location & Installation Guidelines:
1. Banners to be installed to minimum height clearance of 7'-6" over pedestrian walkways. Preferred orientation is oriented over landscaped areas away from pedestrian walkways and not below luminaries.
2. Maintain 18 inches minimum clearance to edge of curb.
3. If banner extends over parking lane, provide minimum 14 feet clearance over parking lane. If banner extends over travel lane, provide minimum 16 feet 6 inch clearance over travel lane.
4. Banners to not interfere with, or visually obstruct, traffic control devices.
5. Banners to be minimum 3 feet clear below pole mounted luminaires so as not to obstruct illumination.

Bracket Guidelines:
1. Banner brackets shall be designed to meet, or exceed, applicable codes for wind loads. Signage contractor to submit engineered shop drawings, stamped by a Hawaii licensed Structural Engineer.
2. Banner brackets to employ load relief measures such as a breakaway coupling to fail before over-stressing the supporting pole. Brackets to incorporate a safety cable or other means of preventing banner and/or bracket arm from becoming disconnected from the bracket entirely.
3. Banner manufacturer to provide design guidelines for:
   a. Recommended mounting pole wall thickness, pole material, and foundation size to ensure proposed mounting pole is capable of supporting the banner and bracket assembly.
   b. Recommended wind speeds at which dismounting of banners is advised in advance of wind storms.

Banner Guidelines:
1. Banner to be folded on every edge and heat welded for seamless edges.
2. Banner text to use UV rated full color inks.
3. Exact banner text to vary by department, location, and event. Banner designer strongly encouraged to consult the MUTCD for recommended text heights for vehicular visibility. Banner designer to consult the University of Hawaii Graphic Standards for logo, font and colors.
4. Banner design recommended to feature simple bold graphics with significant contrast in colors. Textual information recommended to be limited beyond providing event name, location, date.
5. Banner designer strongly encouraged to provide sign text in both English and Hawaiian language.

Maintenance Guidelines:
1. Visually inspect new installations 30 days after initial installation to insure brackets are tight and trim, and every 60 days thereafter. Visual inspection should take place after unusually heavy windstorms.

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Section 5 // Exterior Signage: Type Q - Vertical Banner

UHM Signage Guidelines // exterior signage fabrication + installation

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