



CITY OF BAYFIELD

WAYFINDING SIGNAGE MASTERPLAN

May 30, 2023

**90% Design
Development**

 **Stantec**
1112 Pearl Street
Boulder CO 80302
303.447.8202

S FIRST
RITTENHOUSE AVE



Stantec VIBE
 1112 Pearl Street
 Boulder, CO
 230330

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lp.a-	Location Plans

Date Issued
 05.30.2023

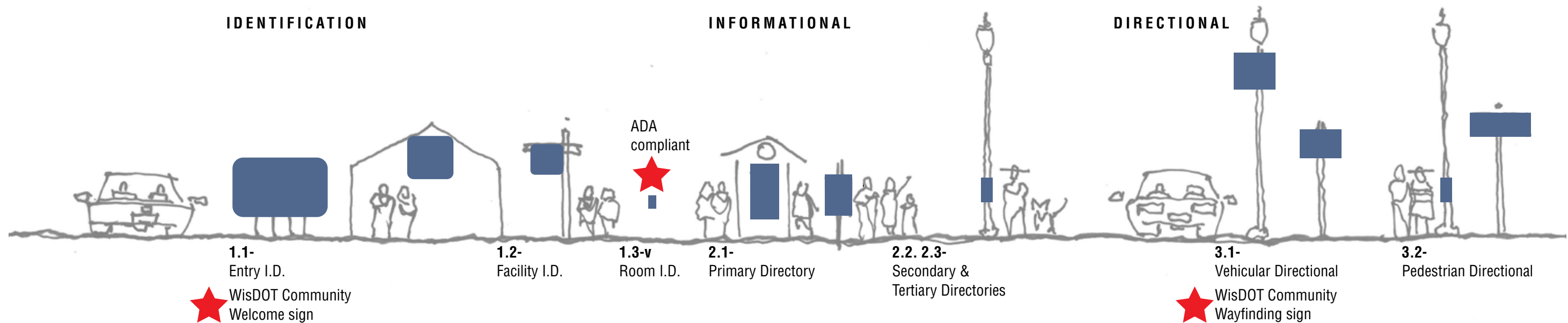
**Design
 Development**

Sign Inventory



Stantec ViBE
1112 Pearl Street
Boulder, CO
230330

Page No.	Sign Type	Preliminary Qty.	Installation	Description
1. Identification				
1.1	Entry I.D.	2	Freestanding	Welcoming gateways positioned at each entry into Town. Introduction of Brown Stone material in sign program
	Facility I.D.			
1.2	Parking	4	Freestanding	Parking lot I.D. Secondary use of Brown Stone material in sign program
1.3a	Restrooms Primary Layout	4	Wall	Long distance identification of restrooms, includes icon and text
1.3b	Restrooms Secondary Layout	4	Wall	Long distance identification of restrooms, icon only
1.4	Room I.D.	9	Wall	ADA compliant sign panel identifying restrooms
2. Informational				
2.1	Primary Directory	6	Freestanding	Freestanding assemblies displaying Community Plan placed in strategic locations. Third instance of using Brown Stone as a base material
2.2	Secondary Directory	4	Panel-mount	Larger-scale directory panel mounted to parking lot I.D. panels, one side
2.3	Tertiary Directory	14	Post-mount	Smaller-scale panels mounted to the City's light posts: typically the I-13 corridor
3. Directional				
Vehicular Directional				
3.1a	Existing City Light Posts	5	Post-mount	WisDOT compliant sign panels added to the City's light posts along the I-13 corridor
3.1b	New Wood Posts	5	Post-mount	WisDOT compliant sign panels installed with new wood posts
3.1c	New Steel Posts		Post-mount	WisDOT compliant sign panels installed with new steel posts
Pedestrian Directional				
3.2a	Existing City Light Posts	1	Post-mount	Pedestrian scaled directory panels added to the City's light posts along the I-13 corridor
3.2b	New Wood Posts	1	Post-mount	Pedestrian scaled directory panels installed with new wood posts
3.2c	New Steel Posts	1	Post-mount	Pedestrian scaled directory panels installed with new steel posts



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Sign
Inventory

Finishes & Materials

PAINT / POWDER COAT *



P.1- Black
Matthews Paint Co
MP32156 Black Magic
Satin finish



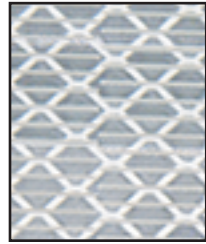
P.2- "85% Black"
Matthews Paint Co
TBD
Satin finish



P.3- White
TBD

* Powdercoating is the preferred method of achieving a durable, long-lasting metal finish for use in harsh outdoor environments. Powdercoating comes with a cost and there are fewer suppliers of this service. Has the Town used a local Powdercoater?

VINYL



V.1- 3M Diamond Grade
White Reflective Vinyl



V.1- 3M Scotchlite
White Reflective Vinyl

MATERIALS



M1- Lake Superior
Brown Stone

Stone are to be sourced from the Town's stone repository. Stones to be chosen for thwir uitability for the sign type, with as little grinding and cutting as possible.



M2- Split-face
Colored CMU blocks



M3- Digitally Printed
High Pressure Laminate (HPL)



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PROJECT LOGOS

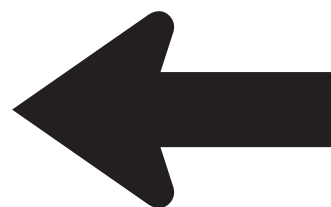
WELCOME TO
BAYFIELD

DOWNTOWN
BAYFIELD





















PROJECT FONTS

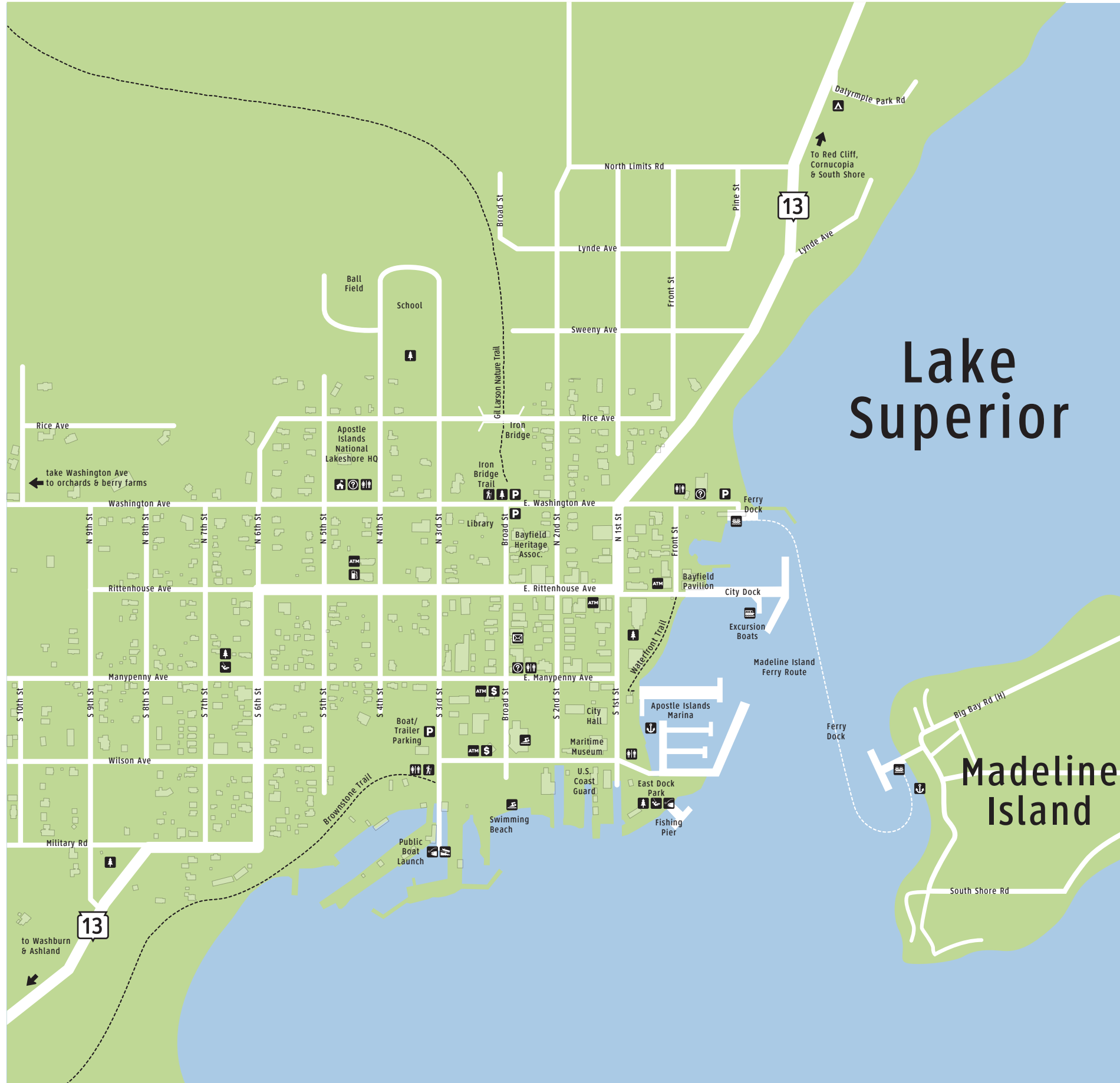
ABCDEFGHIJKLM
NOPQRSTUVWXYZ & Z
123456789 & 0

WisDOT ARROW



PROJECT SYMBOLS

 Restrooms	 Park	 Trailhead	
 Information	 ATM	 Playground	
 Ferry	 Bank	 Rec Center	
 Excursion Boats	 Post Office	 Boat Launch	
 Marina	 Parking	 Public Fishing	
 Shopping	 Dining	 Art Gallery	



BAYFIELD DESTINATIONS
(as supplied by City)

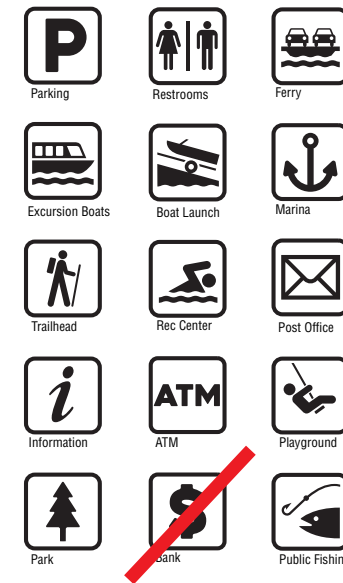
- Parking
- Restrooms
- Madeline Island Ferry Lines - E Washington Ave
- Bayfield City Dock/Pavilion - E Rittenhouse Ave
- Waterfront Trail to Apostle Island Marina,
- City Hall, East Dock Park,
- Beach to Boat Ramp,
- DNR Maritime / BHA Museum
- Downtown
- Trailheads - brownstone and iron bridge
- Courthouse
- School
- Pool
- Post Office
- Navigation south to Washburn,
North to Red Cliff and to local orchards
- Library
- ATM/Bank

All destinations are located by name or by icon on the map at left (except Courthouse and Downtown*). These destinations are all Public services, except for the ATM/Bank, and qualify to be listed as a destination on WisDOT highway signs.

Which of these destinations does the City want to see on Vehicular or Pedestrian Directional signs? It was desired to minimize sign clutter and additional WisDOT sign panels on the I-13 corridor will represent exactly that.

The Downtown did not seem necessary on tightly cropped versions of the plan, it was all Downtown.

However, for the widest cropping, the Downtown District may want to be highlighted. See suggestion on next page.



Private Businesses are not allowed as destinations on WisDOT signs.

However, you CAN add them to your pedestrian-scale Directory graphic. These entities can "come and go", making updates to the signs a chore. It also becomes a chore to include *everybody*.

A tactic that has been used before is to use generic icons rather than actual business names. By populating side streets with Shopping, Dining & Art Gallery icons, it could pull the curious Visitor south of Manypenny on 1st St. or cause one to venture south on 2nd from Rittenhouse. It doesn't say exactly *who* is down there but it does say that there's *something* down there.

1'-7"

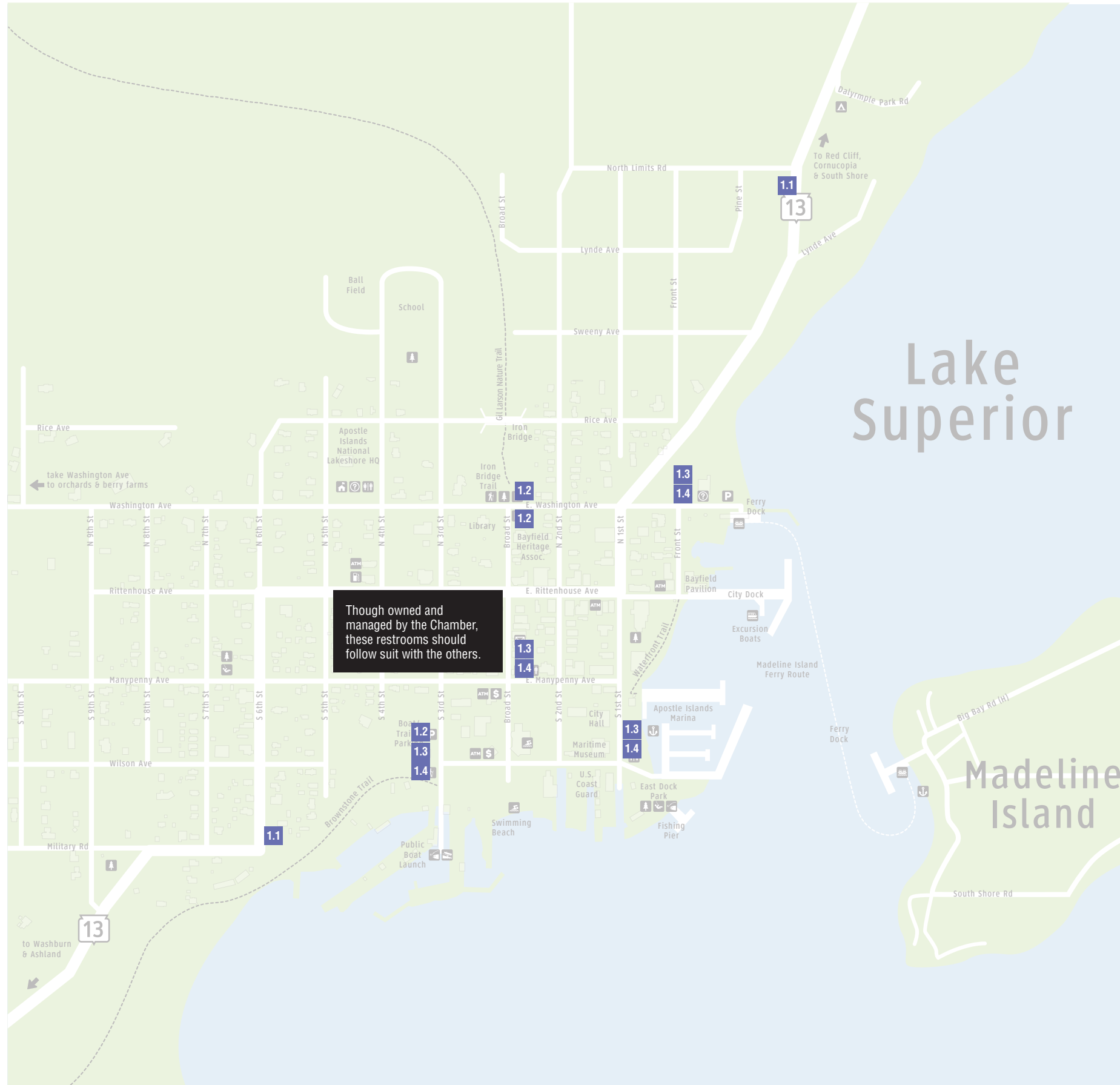


L Illustrated here is a more regional cropping of the plan to include the orchards to the west and much of Madeline Island to the east. This plan may be desired for waterfront or Welcome Center locations.

M Illustrated here is a slightly tighter cropping with a WisDOT-compliant border, to focus on the Downtown District, yet keeping a bit of Madeline Island in the frame. This may be desired for the Secondary Directories.

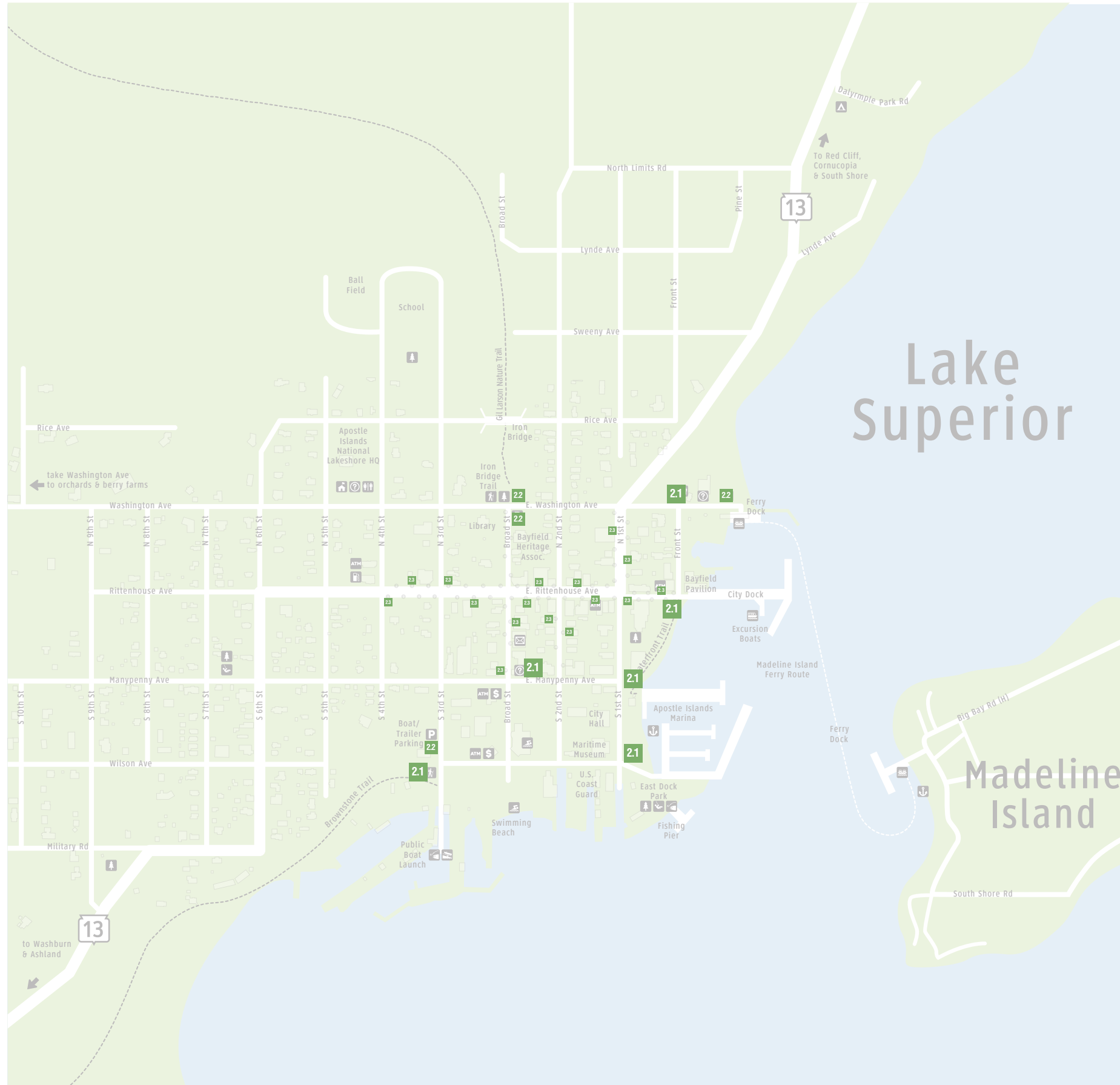
S Tighter cropping still that focuses solely on the walkable Downtown District. This may be desired for the Tertiary Directories on the I-13 corridor.

This plan illustrates the alternate approach of “intimating” the Downtown District with the addition of generic retail, gallery and F&B icons (diagrammatically placed).



Identification signs are objective in their use—there is little or no ambiguity in their location. Our preliminary Location Plan will indicate where, in each parking lot, the post sign might be located and which multiple faces of each restroom should receive signs, all of which is up for discussion with your group.

- IDENTIFICATION**
- 1.1 Entry I.D.
 - Facility I.D.
 - 1.2 Parking
 - 1.3 Restrooms
 - 1.4 Room I.D.
- INFORMATIONAL**
- Directory
 - 2.1 Primary
 - 2.2 Secondary
 - 2.3 Tertiary
- DIRECTIONAL**
- 3.1 Vehicular Dir
 - 3.2 Pedestrian Dir



Informational signs (Directories) are subjective in their placement. We're showing their placement at:

- Strategic locations- we're showing the Gazebo and the Gas Station as the only strategic locations for a Primary Directory. Others?
- Restrooms- we're locating Primary Directories at all these destinations.
- Parking lots- we're locating Secondary Directories at all these destinations.
- City Light Posts- we're locating Tertiary Directory panels on these, primarily on the I-13 corridor. We don't need/want a sign on EVERY post- we need to establish a strategy-like (1 or 2) signs on each side of each block. Our preliminary Location Plan will illustrate just such a strategy.

IDENTIFICATION

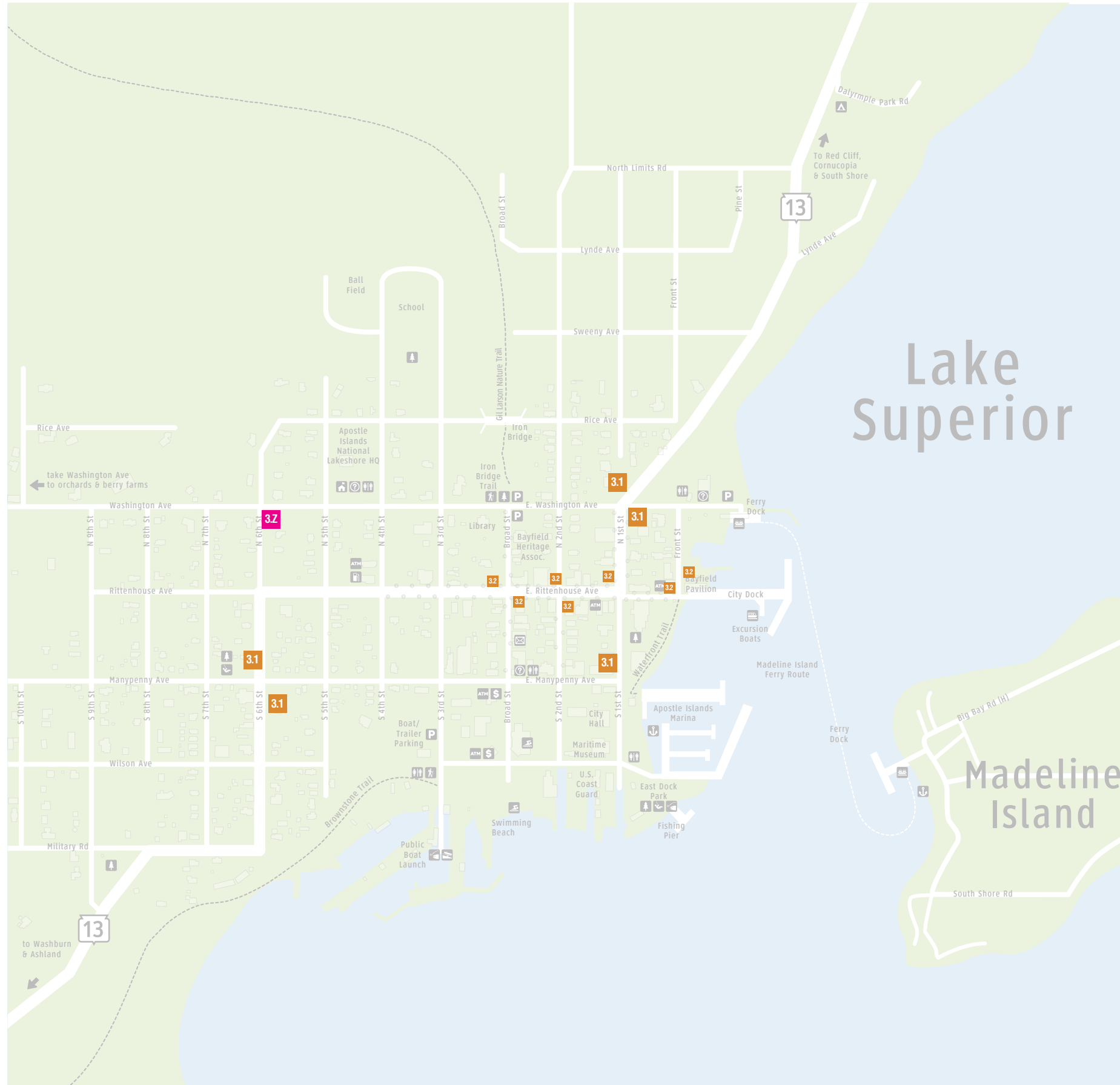
- 1.1 Entry I.D.
- Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.

INFORMATIONAL

- Directory
- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary

DIRECTIONAL

- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir



Directional signs are highly subjective in their placement.

Each Vehicular Directional sign represents a tactical effort for a direction change to get to (3) destinations. Each effort requires (2) signs—one for each direction. With the concern of sign clutter, installing these signs should be carefully weighed.

Pedestrian Directional signs may echo the same change-of-direction locations as the Vehicular signs and they can be used in more intimate side street contexts. Most will require their own (new) short post.

The need for either Vehicular or Pedestrian signs is one that only the City's experience can inform. Our preliminary Location Plan will offer up what we believe are your most pressing needs. Lively discussion will ensue.

IDENTIFICATION

- 1.1 Entry I.D.
- Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.

INFORMATIONAL

- Directory
- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary

DIRECTIONAL

- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir

WisDOT Municipal Welcome Signs

Overview

A municipal welcome sign is an official sign installed and maintained by a municipality that informs motorists of a municipality's territorial boundary. Municipal welcome signs are not outdoor advertising signs or traffic control devices. A municipality may be a town, village, city or county. It does not include an unincorporated community.

Location

On the state highway right of way
As close to the right of way line as possible
Out of the clear zone
May not be placed on Interstate right of way

Size

No limitations

Content

May include logos, graphics and/or taglines (slogans)

May not contain:

Commercial messages, business names or sponsorships
Other official or service club signs
Electronic message boards
Static message boards
Auxiliary placards
Memorials

Fabrication, installation, maintenance, and relocation

Paid for by the municipality (applicant)
Relevant law and policy
Wis. Stat. s. 84.30(2)(hm)
Wis. Stat. s. 86.19(1n)
Highway Maintenance Manual 09-20-30

Application

Form DT1812, Application/permit to work on highway right of way
Include detailed drawing of the proposed sign along with location diagram
Additional information for work on highway right of way permits, see webpage
Application Fee: None
Questions regarding specific municipal welcome sign installations
Contact the appropriate WisDOT transportation region office

Other Requirements

Application must be filled-out and signed by an elected official or authorized employee of the municipality
Municipality must be self-insured or carry sufficient insurance for the sign
Only one municipal welcome sign is allowed per each state highway direction that crosses a municipal boundary - even if the highway crosses a boundary more than once
The municipal welcome sign* must:
Be installed to inform motorists of the territorial boundary of the municipality
Be located within the territorial boundary of the municipality
Be located entirely on state highway right of way (includes overhang)
Be installed and maintained by a municipality
Not constitute a safety hazard (i.e., located out of the clear zone)
Not obstruct, conflict or interfere with official traffic control signs and devices
Not obstruct or interfere with the vision of motorists navigating any intersection, which includes all driveways
* Including any applicable landscaping

TEOpS 2.15.6 Community Wayfinding Sign Programs

• Community must prepare a Masterplan for application

SIGN DESIGN STANDARDS

Shape

The shape of the signs shall be rectangular and may have rounded corners. A rounded or other regular geometric shape on the top will be allowed to accommodate a logo.

Pictograph

Only one community pictograph may be incorporated in the top of the sign subject to WisDOT approval. If used, it shall be simple and easily recognizable. The height of the pictograph shall not exceed two times the height of the upper-case letters of the principal legend on the sign. For coordinated programs, a unique pictograph for each municipality may be used. If a community name is to be displayed at the top of the sign panel, instead of or in addition to a pictograph, the lettering shall be of a size, font style and high color contrast for motorists to read at the posted speed. All signs in a Community Wayfinding Signing program shall have the same format. If a community pictograph, and/or name, and/or street name, is to be used on any sign, it shall be used on all signs in the community program.

Facing

Sign panel legends and backgrounds shall be reflective to meet the minimum standards of High Intensity sheeting.

Color

Colors shall meet the standards for highway colors specified by the Federal Highway Administration. Color combinations shall have high contrast. Two-color combinations which may be used are:
1. White or yellow on blue, green or brown.
2. Blue, green, black or brown on white.
3. Red or orange on white, but not the reverse.
4. A third color, if used, must provide suitable contrast (i.e., not red on blue).

The background colors of orange, red, yellow, purple, or the fluorescent versions thereof, fluorescent yellow green and fluorescent pink shall not be permitted on Community Destination Signs. One background color is preferred. A third color for the logo area may be used, or that area may be reversed in color. Color plaques or accents shall not be used under arrows or destination names. Lettering, arrows, and border shall be the same color.

Border

Border is optional. If used, it shall be plain, retroreflective, not decorative, and the same color as the letters.

Lettering & Sign Size

A minimum Series B font as specified in the Standard Highway Signs manual is preferred. A similar font is allowable, unless the style detracts noticeably from legibility. The preferred letter size is 6" Upper Case/ 4 ½" Lower Case. In areas, where the posted speed is less than 35 mph, a minimum 5" Upper Case/ 3 ¾" Lower Case or 5" Capital Letters will be allowed. The resulting sign width shall not exceed five feet adjacent to a roadway posted at 35 MPH or above. The sign width shall not exceed four feet adjacent to a roadway posted at 30 MPH or below.

Arrows

Arrows shall be as big in dimension as the lettering, and the same color as the adjacent lettering. The arrows shall not have encircling accents, or contrasting mini-backgrounds. Arrows shall be left of the message for left destinations, and right of the message for right destinations. Ahead arrows shall not be used except in combination with left and/or right arrow(s) and destination(s) to pull through to one major area destination, such as DOWNTOWN, or direct ahead to one or more qualifying destinations where the through route turns. When used, ahead arrows shall be on the left side of the top line.

Destinations

Destinations/attractions on a community destination sign shall be displayed (from top to bottom of sign) in the following sequence:
1. ahead destination (if used);
2. left-oriented destinations/attractions (closest to furthest);
3. right-oriented destinations/attractions (closest to furthest).
Community Wayfinding Signs should be limited to three destinations per sign.

Sign Installation Standards

Signs shall be installed by the community on separate supports furnished and typically used by the community. They shall not be combined with other signing by the community or the Department.

Size

35 MPH or greater: 60" max width
30 MPH or less: 48" max width

Sign Posts

Sign supports shall conform to TEOpS 2-15-52.:
SIGN POST DESIGN POLICY ON STATE MAINTAINED ROADWAYS
1. On state maintained roadways, 4"x 6" wood posts and 2"x 2" square steel posts are typically used for sign posts. Municipalities may be allowed to install signs on customized posts. The municipality shall pay for the cost of the customized posts.
2. Any customized posts allowed shall be NCHRP 350 or MASH crash compliant. The municipality shall provide Wis DOT a copy of the certification letter from the Federal Highway Administration.
3. A permit for non-standard sign supports shall be filled out by the municipality and signed by the City/Village Engineer or Director of Public Works or Official Governmental Representative and, upon approval, the Wis DOT Region Traffic Operations Engineer. A sample Application/Permit form is shown in Figure 4.
4. Municipalities may be allowed to paint the posts a neutral color that does not detract from the face of the sign. Acceptable neutral colors are black, brown or dark green.



Stantec ViBE
1112 Pearl Street
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230330

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Design
Development

WisDOT
Guidelines

Fabricator Performance & Material Specifications

This document has been assembled by Stantec with the expectation that the Contractor will meet the following quality and performance requirements. The acceptance of these drawings by the Fabricator constitutes agreement to comply with the following conditions. The Owner will hold the Fabricator to these requirements as part of their contract obligations.

I. GENERAL

A. Proprietary Information Non-Disclosure Agreement

All ideas, designs, arrangements and plans indicated or presented by these drawings are the property of the Owner and were created for use in connection with the specified project. The information in this document is confidential and shall not be disseminated to anyone other than Stantec, the Owner or the Contractor's personnel necessary to execute the contract, without the written permission of Stantec and the Owner.

In addition, the Contractor must request and receive written approvals from both the Owner and Stantec to use images of any completed element. The Contractor is responsible for ensuring that credit indicating Stantec as the Designer will accompany all images and articles related to the project. The Owner may have additional requirements or restrictions for which the Contractor is also responsible.

B. Design Intent Drawings

The "design intent" drawings contained in this document are for the sole purpose of expressing visual design intent and are not intended for construction purposes. All aspects of fabrication, installation and any resulting working drawings, shop drawings, submittals, building permits meeting 2012 IBC with necessary professionally engineered drawings and contract documents are the responsibility of the Contractor.

Within the design intent drawings:

- All written dimensions take precedence over dimensions otherwise implied by drawing scale, figures, etc.
- Large scale details take precedence over the smaller scale drawings.
- Specific recommendations for materials, colors and content take precedence over representations shown in drawings.

II. PRE-FABRICATION REQUIREMENTS

A. Proposal

Copies of all pricing and bid information shall be sent to the Owner and Stantec. The Contractor shall base their proposal on the performance of all items or service including labor, materials, equipment and resources.

required to complete fabrication and installation of the specified work. Full compliance with these Contractor Performance and Material Requirements will be required. The Contractor is encouraged to make recommendations for specific changes if they will improve the quality or cost-effectiveness of fabrication while preserving Stantec's visual design intent. However, any such recommendations must be approved in writing by the Owner and Stantec at the time of bid. Should the Contractor be contracted based on a proposal that assumes substitutions that have not been properly approved, the Contractor shall be responsible for providing all elements as originally indicated at their own expense.

B. Shop Drawings

The Contractor shall submit shop drawings of all fabricated items to the Owner and Stanec. This submission shall consist of three hard copy sets of detailed drawings that indicate all materials, finishes, construction details, lighting requirements, installation details and artwork, including locations of all material seams. Drawings shall include elevations, plans, sections and notes as required to clearly convey fabrication intent. Stantec will review samples for aesthetic appearance and compatibility with adjacent conditions. Compliance with other requirements is the exclusive responsibility of the Contractor.

Upon review, the Contractor shall make all requested revisions and resubmit as required. A complete set of approved shop drawings (noted "No Exceptions Taken" or "Exceptions as Noted") must be received from both the Owner and Stantec before production may begin.

C. Submittals

The Contractor is responsible for providing submittals to the Owner and Stantec as identified on individual sign drawing pages within this document. Stantec will review samples for aesthetic appearance and compatibility with adjacent conditions. Compliance with other requirements is the exclusive responsibility of the Contractor.

All materials, finishes and content are subject to revision until final submittals have been approved. A complete set of approved submittals must be received from both the Owner and Stantec before fabrication may begin. Required submittals must be issued in an adequate time frame to allow review, adjustments and approval without delaying the project schedule.

III. FABRICATION & INSTALLATION REQUIREMENTS

A. Permitting & Regulation Compliance

The Contractor is responsible for securing and paying for all permits, insurances, inspections and tests required by governmental agencies. The Contractor is responsible for submitting all necessary permit information to the Building Department review and approval for all applicable permits as required per the 2012 IBC. The Fabricator is also responsible for verifying and ensuring compliance

with all ADA, OSHA, environmental regulations and all other applicable governing code requirements. All required resolutions or revisions to construction details must be approved by the Owner and Stantec prior to production.

B. Structural Requirements

The Contractor shall follow Stantec's drawings for exterior visual appearance but designs of internal structure, engineered connections, mounting assemblies and foundations are by the Contractor. Structural design shall utilize self-supportive framing and prevent irregularities in exposed surfaces.

Deliverables:

- The Contractor shall reference Architectural Drawings for full mounting location conditions and shall coordinate all necessary waterproofing, support and/or blocking requirements and approximate weights for each element as required no later than twenty-one days after final shop drawing approval. Drawings will be provided in electronic format (PDF) by Owner.
- The Fabricator shall provide the Owner and/or the GC with calculations for all structural members and foundations sealed by certified engineers registered in the state of installation, prior to fabrication.

C. Electrical Requirements

Design of all electrical components is by the Contractor. All transformers and electrical hardware shall be concealed (i.e. non-audible and non-visible to pedestrian and vehicular traffic). The Contractor shall ensure all electrical components are easily accessible for maintenance and servicing.

All necessary point-of-connection coordination is the responsibility of the Contractor. All connections must be in compliance with the requirements of the NEC and all other applicable governing code requirements. All necessary electrical components and assemblies are to be UL listed or approved by a nationally recognized testing lab.

All electrical components shall be warranted against failure for at least two years. Within the warranty period, defective electrical components are to be replaced by the Contractor within forty-eight hours of notice by the Owner. Should the Contractor fail to replace defective components within the specified time, these items may be replaced by others at the Contractor's expense.

Deliverables:

- The Contractor shall provide the Owner with a list of electrical requirements for each element no later than twenty-one days after final shop drawing approval.

D. Lighting

The Contractor shall follow Stantec's drawings for visual appearance but design of internal structure, fixtures and mounting assemblies is by the



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W A Y F I N D I N G C I T Y O F B A Y F I E L D S I G N A G E M A S T E R P L A N

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Design
Development

Performance
Specifications

Contractor. The Contractor shall ensure all lighting components are easily accessible for maintenance and servicing. Unless otherwise noted, the interior of all illuminated enclosures shall be painted matte white to increase reflectivity. All lighting components shall be constructed per recognized national standards and/or specific manufacturer's recommendations.

All neon components shall be warranted against failure for at least three years and all other lighting components shall be warranted for at least two years. Within the warranty periods, failed lighting components are to be replaced by the Contractor within forty-eight hours of notice by the Owner. Should the Contractor fail to replace defective components within the specified time, these items may be replaced by others at the Contractor's expense.

E. Labeling

Visible labels, manufacturer's or otherwise, code permitting, shall not appear on any completed element. The placement of any required labels must be approved by Stantec prior to application and installation.

F. Artwork & Fonts

Stantec will provide the Contractor with layout guidelines and electronic artwork as required, however all final copy layouts are the responsibility of the Fabricator.

The Contractor shall legally acquire at their own expense all project fonts from the specified distributors. Stantec will not provide copies of licensed fonts.

When stock imagery is used, Stantec will provide the Fabricator with the image specifications and a low resolution electronic file for placement. The purchasing of high resolution final images, licensing and all applicable fees are the responsibility of the Contractor. All acquired images shall be registered in the Owner's name.

G. On-Site Coordination

All locations shown in the enclosed location plans are approximate. The Contractor is responsible for referencing applicable Architectural Drawings, field verification and coordination of all final locations. The Contractor shall notify the Owner and Stantec of any discrepancies between Stantec's drawings, location plans or message schedule and field conditions prior to installation. All required resolutions or revisions to construction details must be approved by the Owner and Stantec prior to production.

The Contractor's installation responsibilities include the provision of any required footings, anchor bolts or fastenings. All point-of-connection coordination is the responsibility of the Contractor.

Deliverables:

- The Contractor shall provide the Owner with templates and patterns as required no later than twenty-one days after final shop drawing approval.

H. Safety & Responsibility

The Contractor shall be responsible for providing barricade or protective coverings as necessary to safeguard the public and property during the performance and duration of their work. The Contractor shall be fully responsible for any injuries to the public or damage to the buildings, site and adjacent objects during installation. The Contractor shall be responsible for cleaning up all work areas upon the completion of work on a daily basis.

All installed items shall be left in a clean and as-new condition. The Contractor shall be fully responsible for the security and quality of all equipment, materials and installed components until they have been reviewed and accepted by the Owner.

III. MATERIAL STANDARDS

All materials, hardware and finishes used to fabricate any and all components shall be new (i.e. not previously used or operated in any other application) and from the most recent manufacturer's production supply.

A. Paints & Finishes

All paints and finishes shall match exactly the color, finish and texture noted. Unless otherwise noted, all pretreats, primers, coatings and finishes shall be applied in strict accordance with the paint manufacturer's specifications to provide the highest level of ultraviolet light resistance, weatherability and overall longevity for both the materials indicated and the environmental conditions of the final install locations.

Paints & finishes shall be warranted against color fading, UV damage cracking, peeling, blistering and other defects in materials or workmanship for a minimum of five years from date of Owners acceptance.

B. Metals

Metals shall be the best commercial quality for the purposes specified and free from defects impairing strength, durability or appearance. Unless otherwise noted, all visible seams are to be continuously welded, filled and ground smooth. All sheet metal shall have brake formed edges with radii not greater than sheet thickness. All metals must be treated to prevent corrosion and staining of other finishes.

C. Fasteners

Unless otherwise noted, all exposed fasteners shall be tamper-proof, resistant to oxidation and other corrosion and painted to match adjacent surfaces. Concealed fasteners must be resistant to oxidation and other corrosion to prevent staining of other finishes.

D. Vinyl

All vinyl sheeting shall match exactly the color, finish and durability of the manufacturer's product as noted. Unless otherwise noted, all vinyl sheeting shall be installed in strict accordance with the manufacturer's specifications

to provide the highest level of ultraviolet light resistance, weatherability and overall longevity for both the materials indicated and the environmental conditions of the final install locations.

Vinyl sheeting shall be warranted against color fading, UV damage, delamination or peeling for a period of five years from date of Owner's acceptance.

E. Digital Prints

All high resolution digital output must provide the highest level of ultraviolet light resistance, weatherability and overall longevity for both the materials indicated and the environmental conditions of the final install locations. Unless otherwise noted, digital prints shall have a minimum resolution of 200 dpi.

Printed product shall be warranted against color fading, UV damage, delamination or peeling for a minimum of five years from date of the Owner's acceptance.

IV. PROJECT COMPLETION

A. Upon Completion

The Contractor shall notify both Stantec and the Owner in writing when all work is completed. Upon notice, Stantec will review all work according to their contract with the Owner and prepare a punch list outlining incomplete or unsatisfactory items. The repair or replacement of work outlined on the punch list shall be coordinated between the Contractor and the Owner.

B. Final Deliverables

Upon the Owner's acceptance of the work, the Contractor shall provide the Owner with three copies of a complete service and maintenance manual for all products and finishes installed under their contract. This manual shall include, but is not limited to, product specifications such as manufacturer information, contact names and addresses, warranty information, technical data and routine maintenance recommendations for light fixtures, electrical components, paint, finishes and all other applicable items.

C. Warranties

All warranty periods shall begin on the date of the Owner's acceptance of the work. All warranties shall include the materials and labor required to replace defective components. Unless otherwise stated above, all installed components shall be warranted against manufacturer defects for a minimum of two years and all installed elements shall be warranted against defects in installation or workmanship for a minimum of three years.



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Design
Development

Performance
Specifications

Entry I.D.



KEY PLAN

Non-illuminated sign assembly.

Cut-out 1/2" thick black steel letterforms welded to curved and lateral rails. Rails welded to attachment rods that are anchored into the stone. May require full through-bolts with decorative plates on rear side (stars, shape of state or lakes).

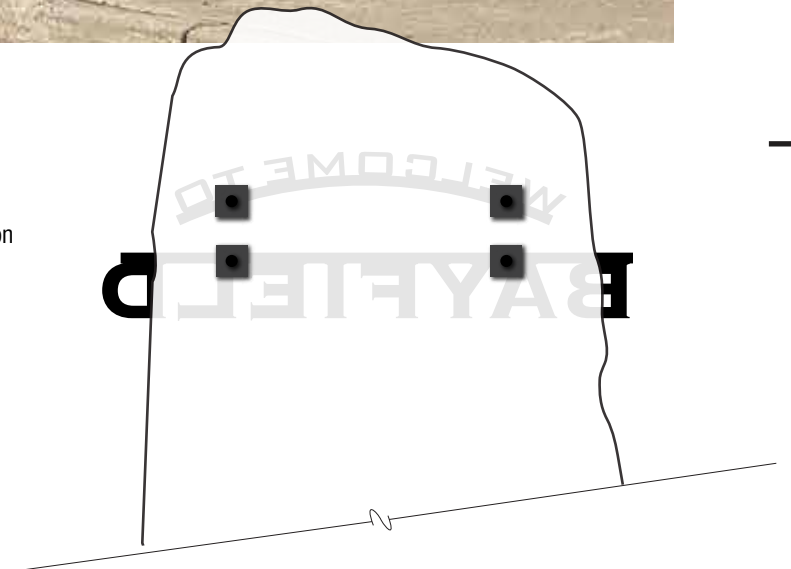
Achieve desired asymmetrical mass by creating a sizable cairn of two or three large stones. Stones will need to be secured in place by concealed steel rod connectors.

Assembly will be required to be set upon a poured-in-place concrete pad, depth as required.

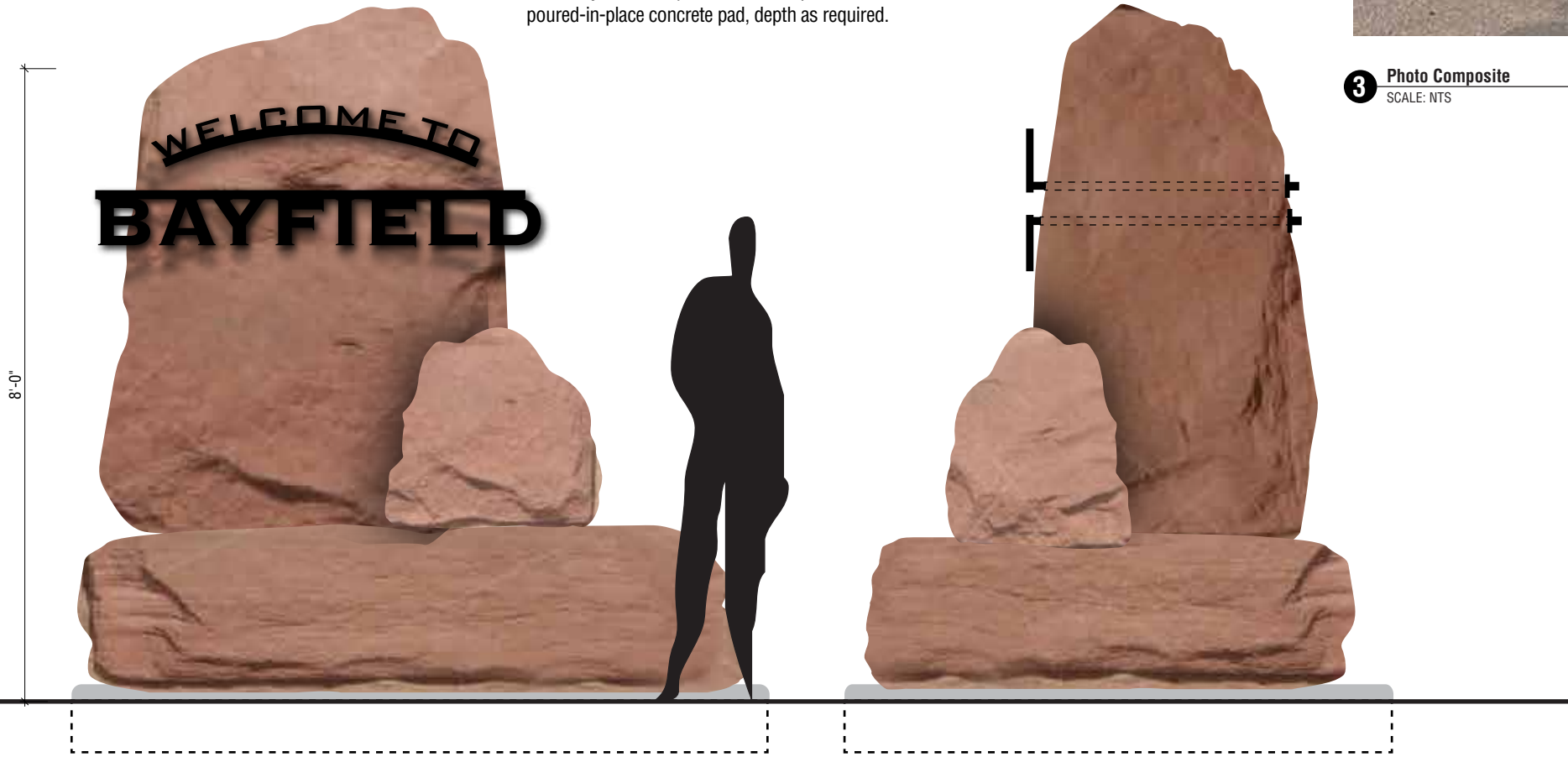


3 Photo Composite
SCALE: NTS

Square iron anchor plates on rear side of stone.



4 Partial Elevation
SCALE: 1/2" = 1'-0"
Rear View



1 Elevation
SCALE: 1/2" = 1'-0"
8'-0"
7'-0"

2 Side Elevation
SCALE: 1/2" = 1'-0"



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With the exception of **a.**, all ideas presented here are simple plate metal graphics anchored directly into the face of the stone. May require through-bolts with anchor plates on the rear surface.



a.
Letters carved into the stone face and infilled with black enamel paint. May require some stone face preparation. Will require a stone 8'± wide with Cap Ht. as shown.



c.
Cut-out letters connected by rails.
Do not recommend individual letters set into stone- there is a much greater possibility for error and vandalism.



e.
Letters cut out of a steel plate and pinned off the stone face. Will require a 8' wide stone to contain the panel with Cap Ht. as shown.



b.
Cut-out letters connected together by a pair of plate rails. A nod to the railroad. Can (should) be wider than stone upon which it is placed.



d.
Same as **c.** but with additional inset white (reflective?) letters for better legibility. Could include "beefier" rails as illustrated here.



f.
Same as **e.** but with cut-out plate letters, painted white, pinned off the face of the steel plate sign panel.



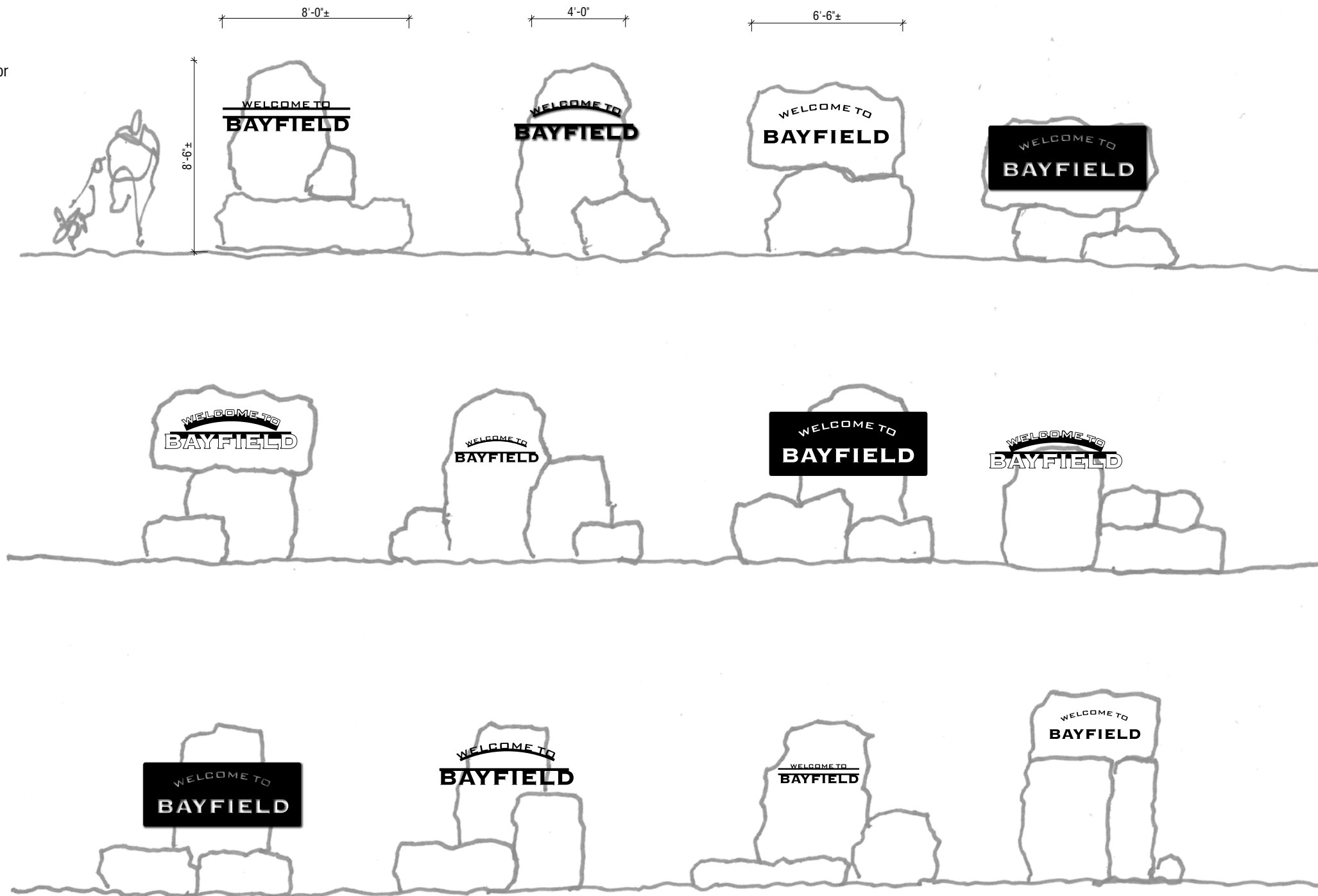
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Entry I.D. Stone Studies

Stone composition is entirely dependent upon the stones available in the Town's repository.

It was desired to have the sign letters contained within the width of the stone surface. This calls for either a larger stone or smaller letters.

It might be desirable to have a completely different composition for each location.



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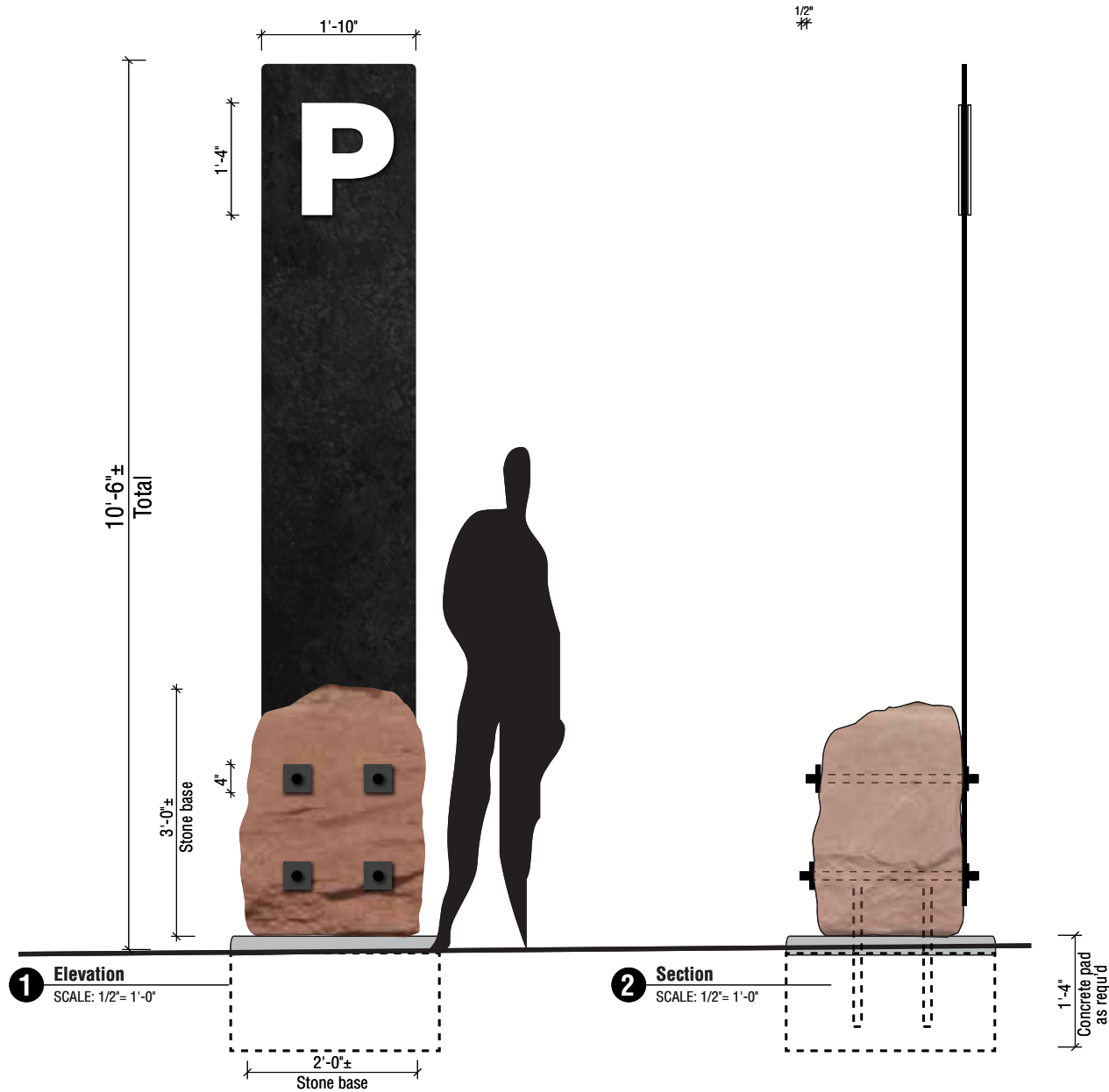
Design
Development

Entry I.D.
Stone Studies

Facility I.D. Parking



KEY PLAN



Non-illuminated sign assembly with reflective graphics.

1/2" Plate steel sign panel painted P.2 (85% Black) all visible surfaces. Sign panel has a cut-out 1/4" plate metal P icon pinned 1/8" off each surface. Numeral to be painted P.3 (White) all visible surfaces. Face of numerals to receive Reflective White vinyl, V.1, for night time legibility.

Sign plate is mechanically fastened to a brownstone base. Stone may require a bit of work to flatten a surface for the plate. Stone bottom may require some grinding to achieve a flat surface. Sign is fastened with to the stone with (4) through-bolts with expressed 4" square retainer plates, both sides.

Sign assembly to set upon a poured-in-place concrete pad. Stone base is secured in place by embedded re-bar footings that fit into holes drilled into the bottom surface.



3 Photo Composite
SCALE: NTS
Washington Ave Beach Parking



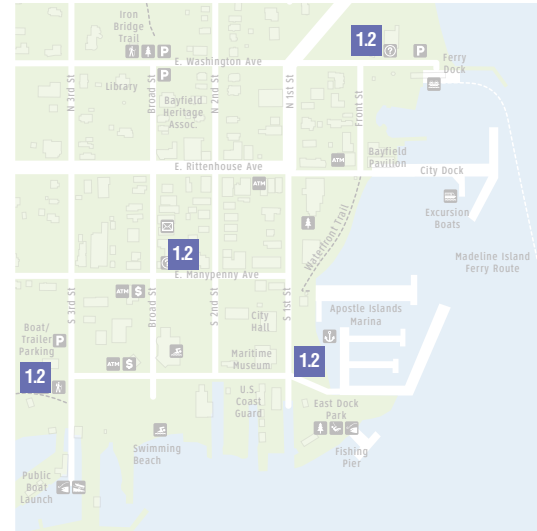
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Design
Development

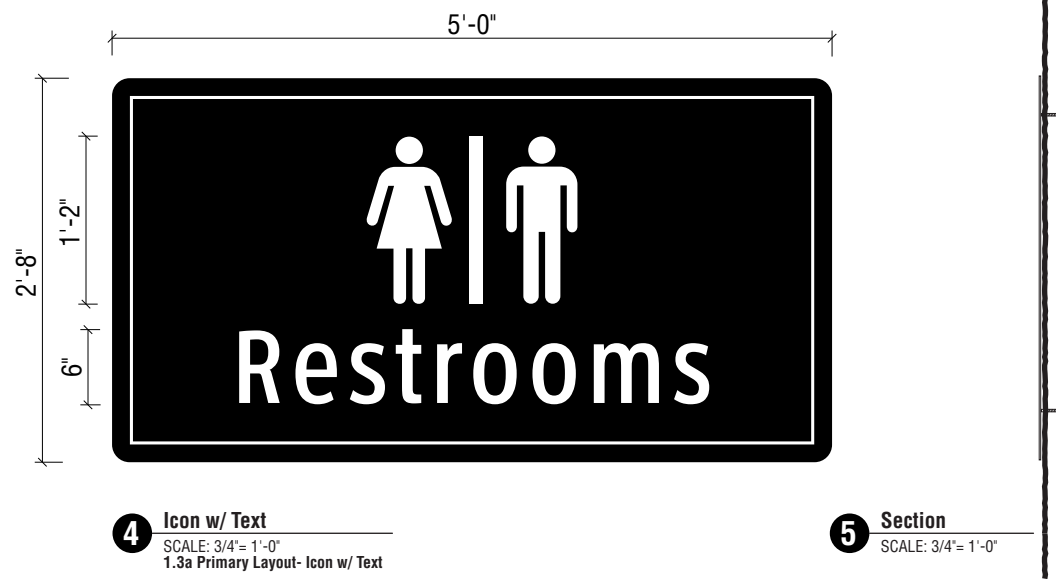
Facility I.D.
Parking

Facility I.D. Restrooms



KEY PLAN

See Location Plans for sign choice and building placement for each restroom location (most buildings have more than one sign panel).



4 Icon w/ Text
SCALE: 3/4"= 1'-0"
1.3a Primary Layout- Icon w/ Text

.125" Plate aluminum sign panel with radius corners, painted P.1 (Black) all visible surfaces.

Graphics include inset border with square corners, icon and text- all as applied reflective white vinyl, V.1. Sign to receive a clear coat finish.

Sign secured to wall with threaded stud mounts and construction adhesive.

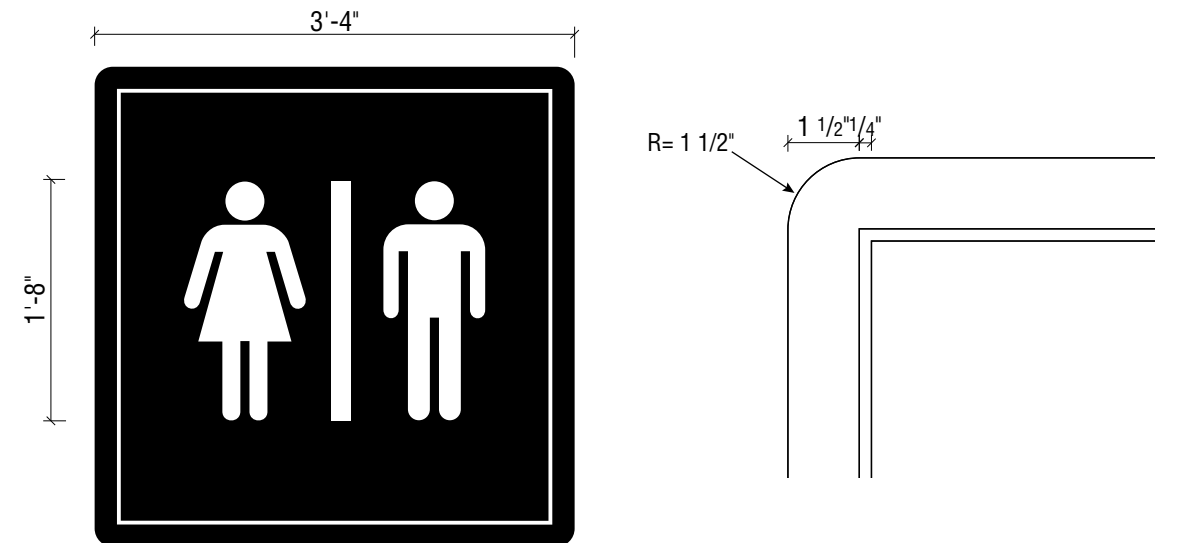
5 Section
SCALE: 3/4"= 1'-0"



6 Photo Composite
SCALE: NTS



1 Elevation
SCALE: 1/2"= 1'-0"



2 Elevation
SCALE: 3/4"= 1'-0"
1.3b Secondary Layout- Icon Only

.125" Plate aluminum sign panel with radius corners, painted P.1 (Black) all visible surfaces.

Graphics include inset border with square corners and icon as applied reflective white vinyl, V.1. Sign to receive a clear coat finish.

3 Elevation Detail
SCALE: 3"= 1'-0"
Border Detail

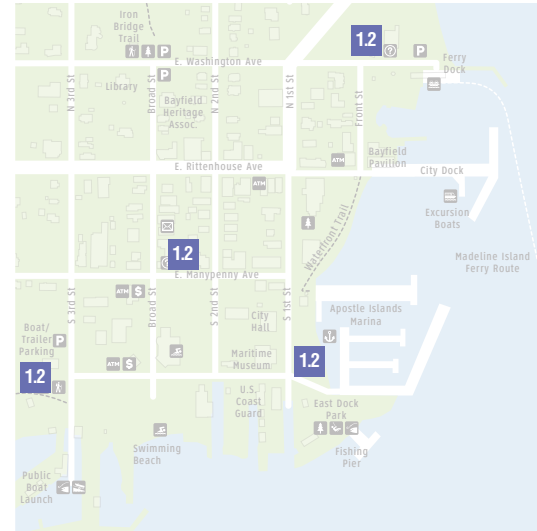
Sign panel to have 1 1/2" radius corners

1/4" White border, with square corners, to be inset 1 1/2"

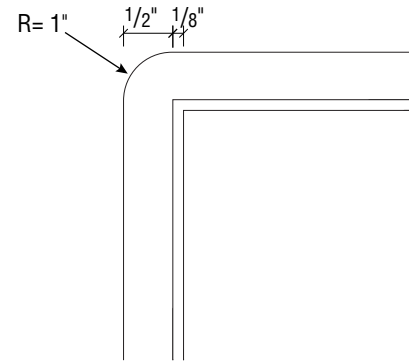


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Facility I.D. Room I.D.



KEY PLAN



4 Elevation Detail
SCALE: 3"= 1'-0"
Border Detail

Sign assembly to have 1" radius corners

1/8" White border, with square corners, to be inset 1/2" from the edge.



5 Photo Composite
SCALE: NTS



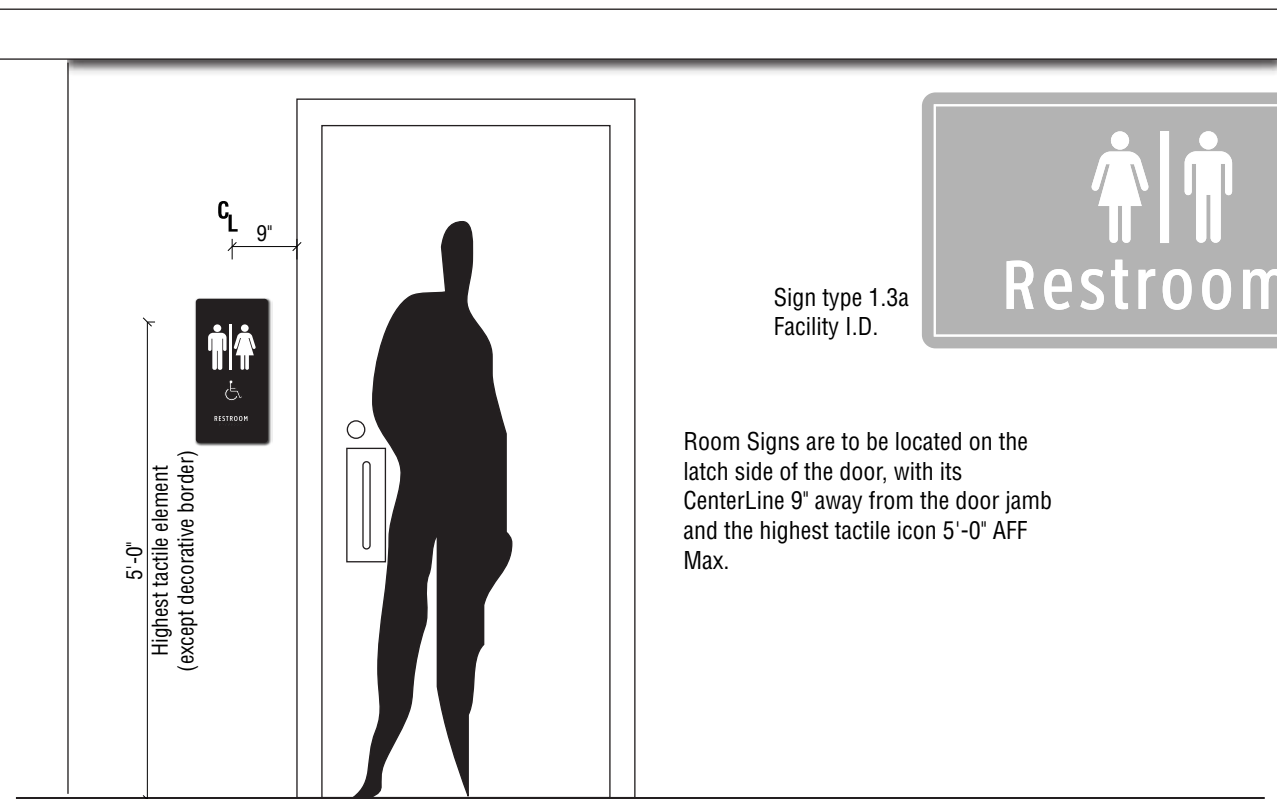
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WAYFINDING SIGNAGE MASTER PLAN

Date Issued
05.30.2023

Design
Development

Room I.D.
Restrooms



1 Elevation
SCALE: 1/2"= 1'-0"



Sign type 1.3a
Facility I.D.

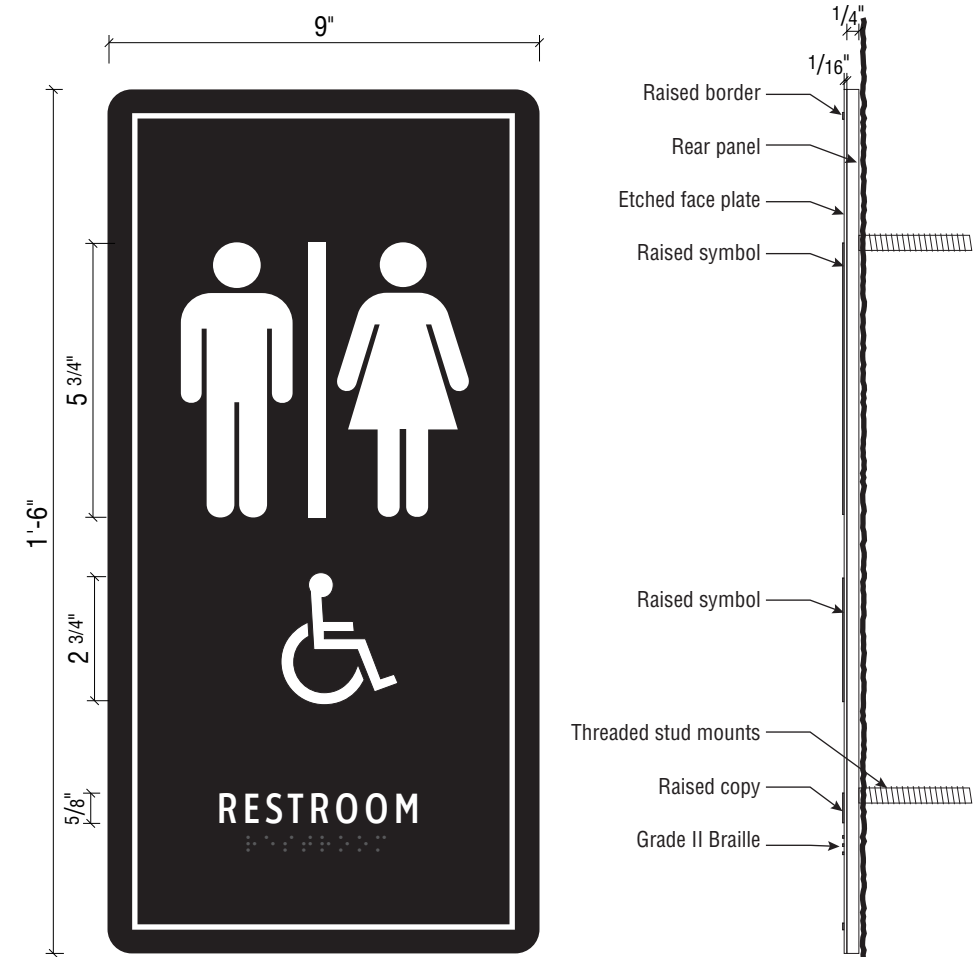
Room Signs are to be located on the latch side of the door, with its CenterLine 9" away from the door jamb and the highest tactile icon 5'-0" AFF Max.

ADA-Compliant Tactile sign.

1/4" Plate aluminum rear panel, painted P.1 (Black), all visible surfaces.

1/16" Etched zinc or magnesium face plate, painted P.1 (Black), all visible surfaces. Etched plate has 1/32" min. raised border, icon, text and Grade II Braille. Surface of border, icon and text kiss-painted P.3 (White), Braille to remain the same color as the field. Messages and accessibility vary among the locations, see Message Schedule.

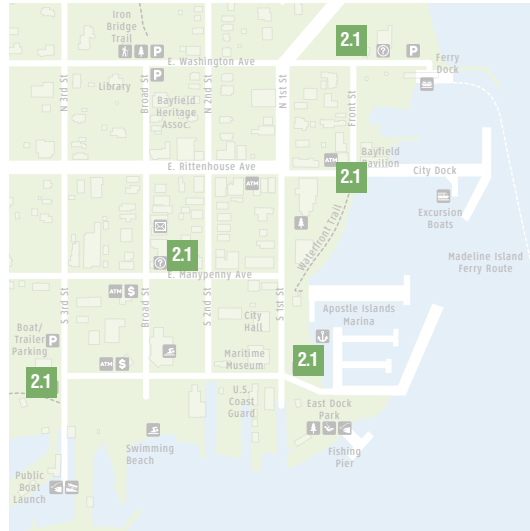
Sign assembly secured to wall surface with stud mounts and construction adhesive.



2 Elevation
SCALE: 3"= 1'-0"

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

Directory Primary



KEY PLAN

Butcher block profile assembly supported by brownstone base.

Stone base is set upon tube stock feet to allow for a forklift or suspension strap access for relocation. Base has (4) holes drilled in the top to accept structural frame legs.

Welded structural frame, of 2" x 4" tube stock, with (4) welded 1" rod stock legs. Structural frame fits into holes in stone top and is epoxied into place.

Top assembly of printed panel, tilted top frame and primary frame is secured to structural frame with countersunk vandal-resistant hardware.

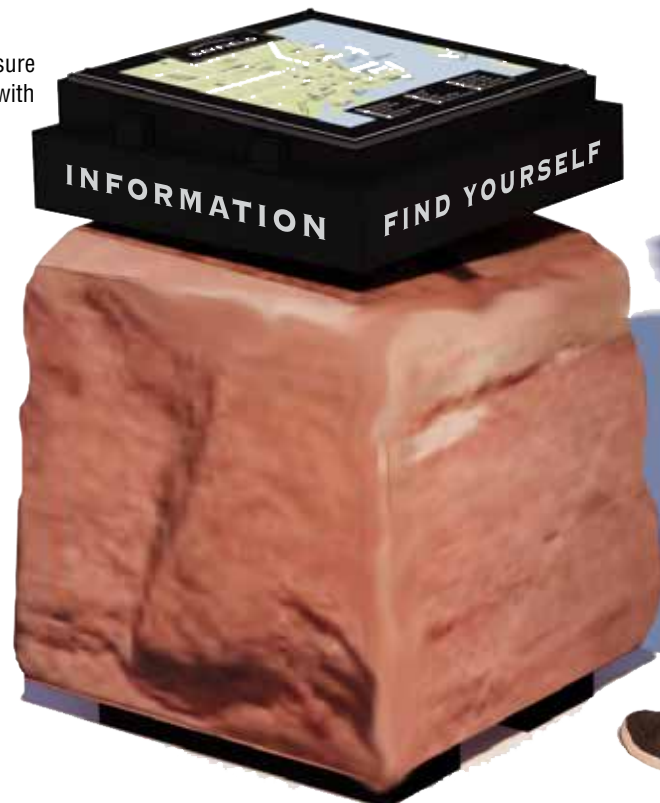
Directory panel is a 1/4" printed HPL (High Pressure Laminate) panel, secured to face of tilted frame with exposed vandal-resistant fasteners.

Units located at strategic entry points (gazebo & gas station, if possible) and restrooms.



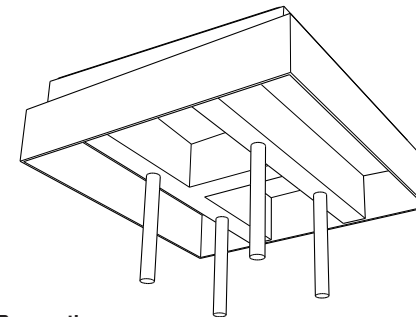
1 Perspective

SCALE: NTS



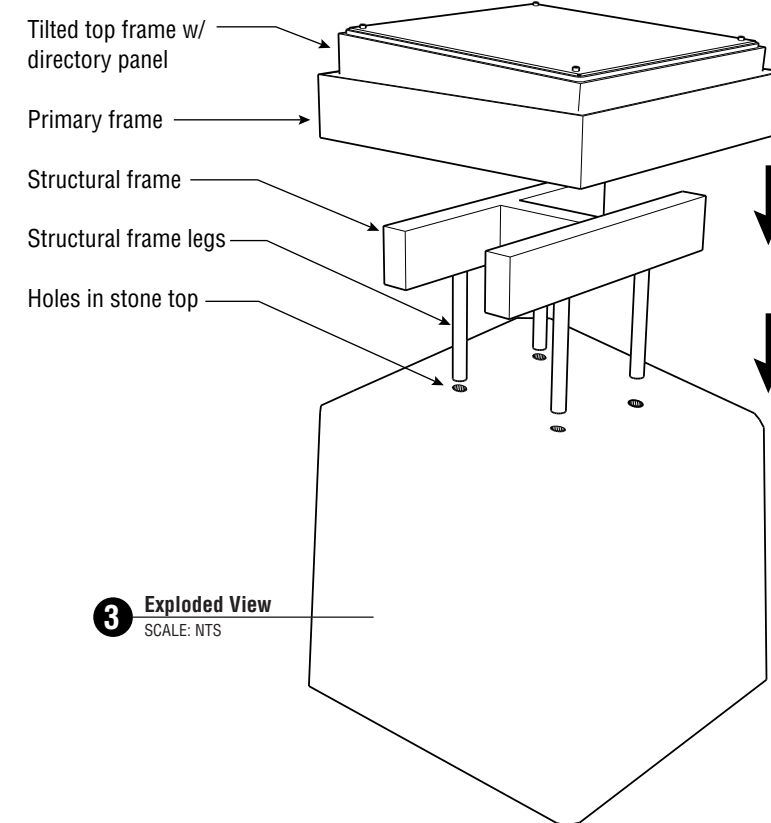
2 Perspective

SCALE: NTS
Sign assembly underside



3 Exploded View

SCALE: NTS



4 Graphic Layout

SCALE: 3" = 1'-0"



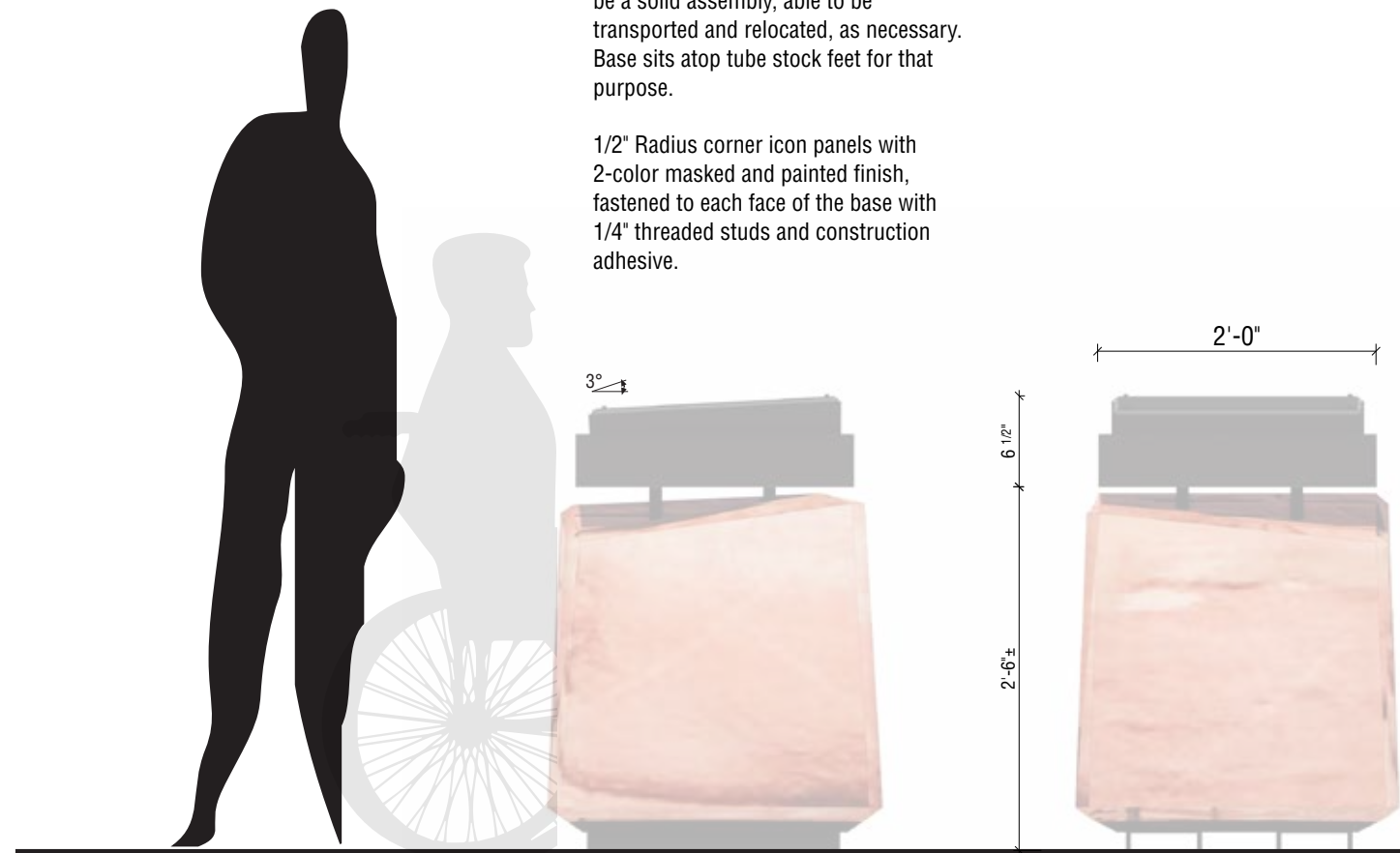
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WAY FINDING SIGNAGE MASTER PLAN

Date Issued
05.30.2023

Design
Development

Directory
Primary



1 Side Elevation/Elevation
SCALE: 3/4" = 1'-0"

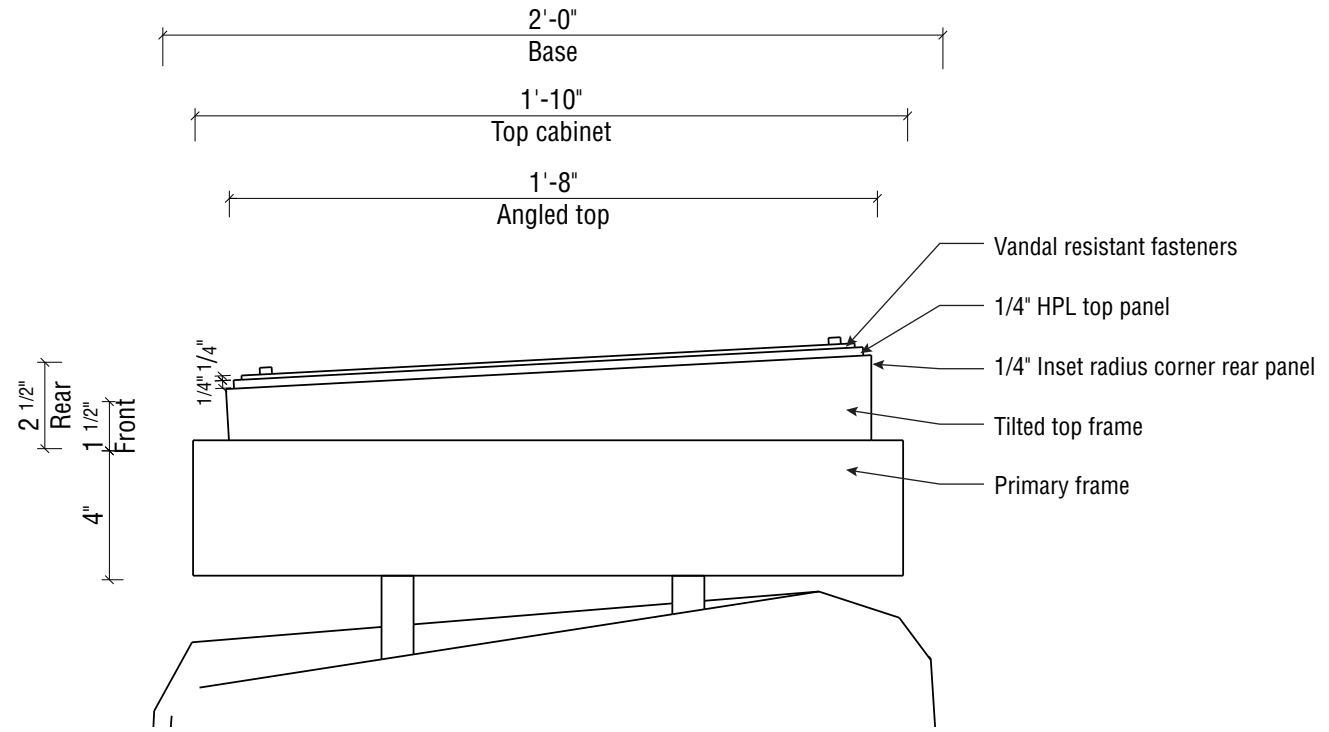
Fabricated top cap assembly with HPL panel fastened to its top.

Base assembly, material dependent, must be a solid assembly, able to be transported and relocated, as necessary. Base sits atop tube stock feet for that purpose.

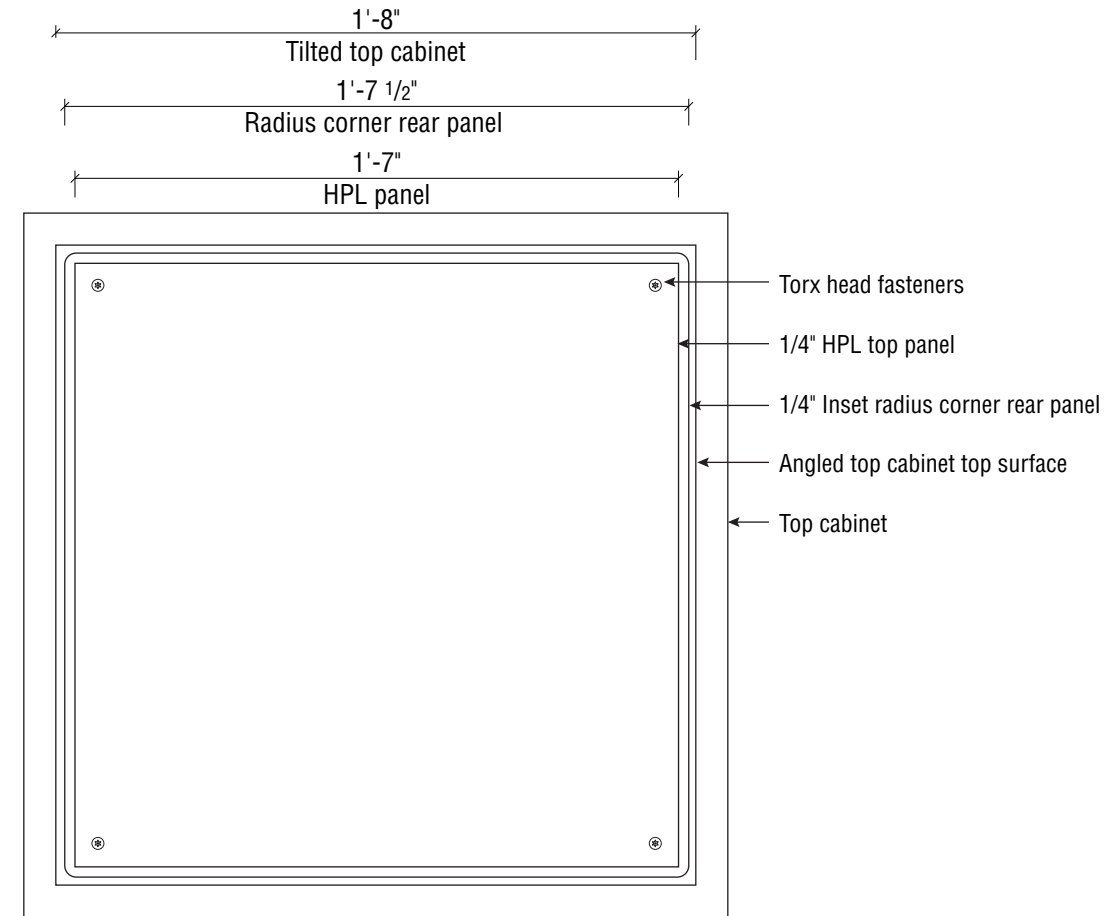
1/2" Radius corner icon panels with 2-color masked and painted finish, fastened to each face of the base with 1/4" threaded studs and construction adhesive.



3 Plan
SCALE: 3/4" = 1'-0"



4 Section Detail
SCALE: 2" = 1'-0"

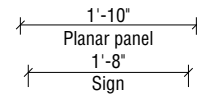


2 Plan
SCALE: 2" = 1'-0"

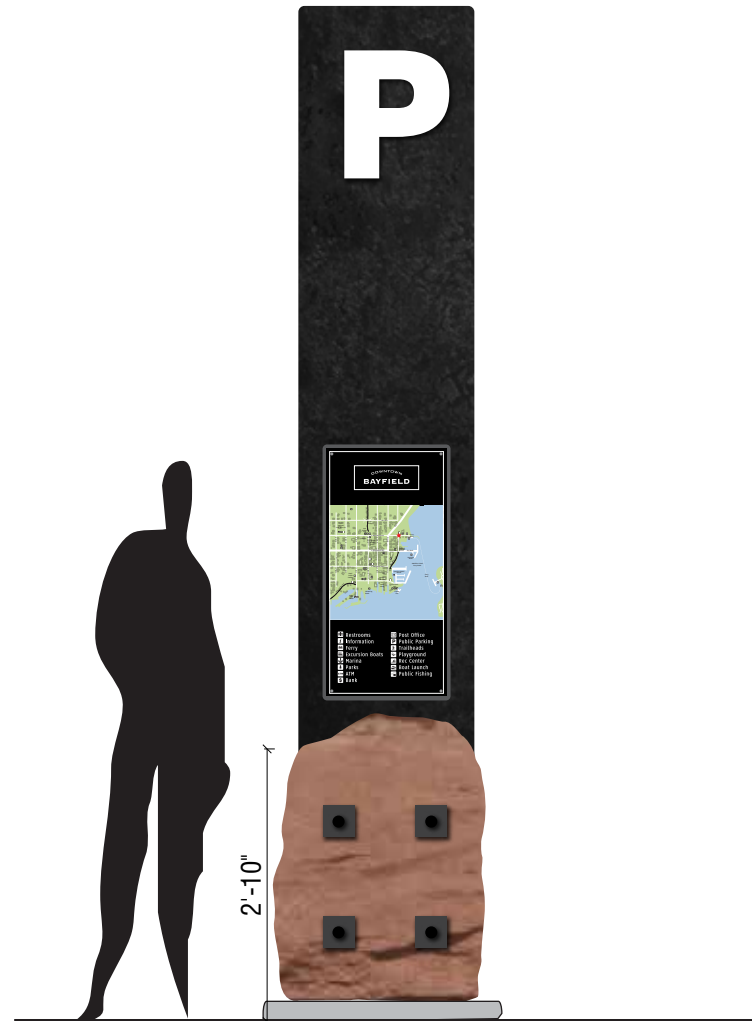
Directory Secondary



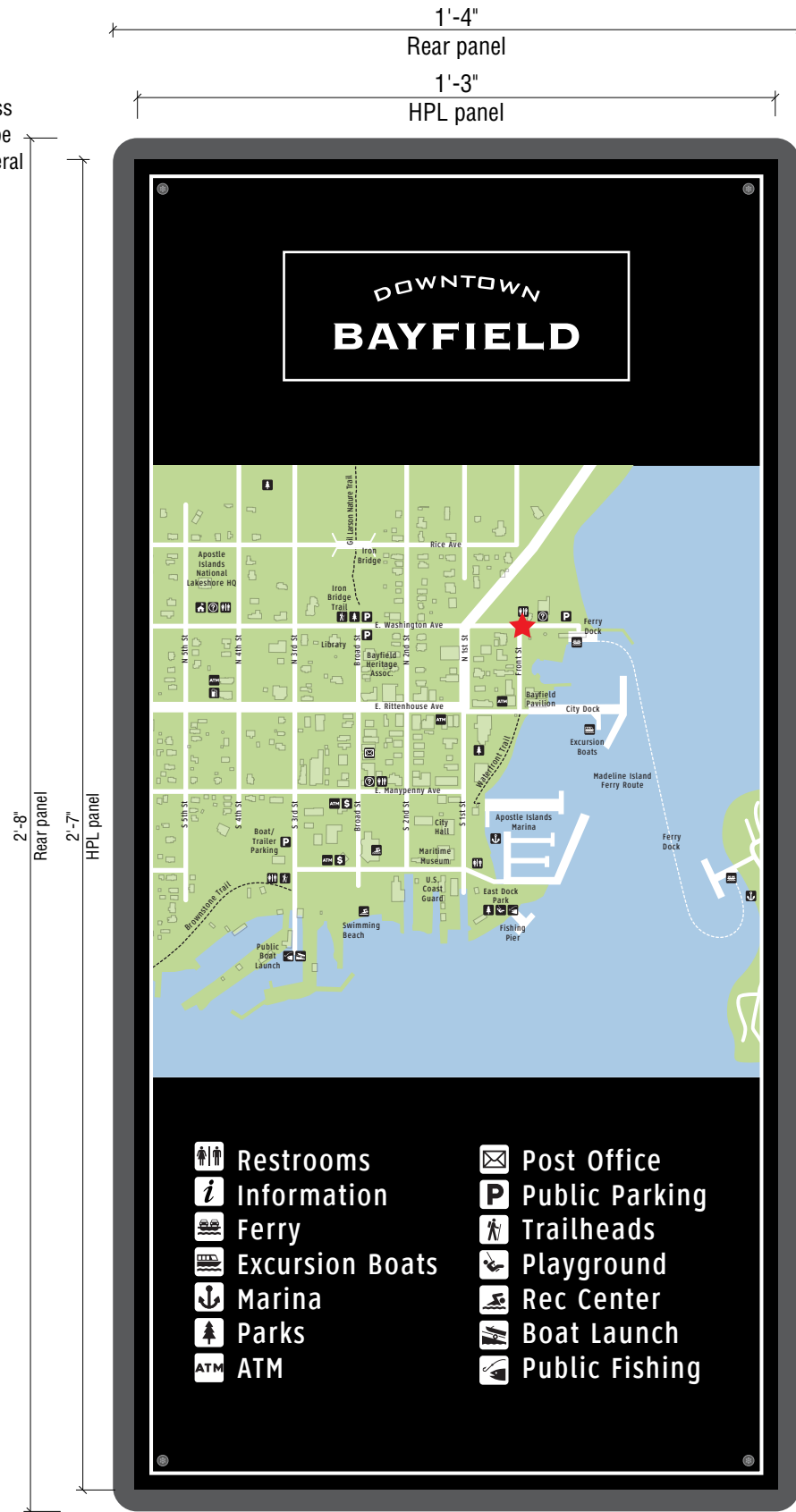
KEY PLAN



These smaller and less expensive units can be located at the peripheral parking areas.

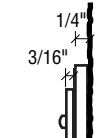


1 Elevation
SCALE: 1/2" = 1'-0"



2 Layout
SCALE: 3" = 1'-0"

- Vandal-resistant fasteners
- HPL panel
- Radius corner rear panel
- Parking I.D. panel



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



4 Photo Composite
SCALE: NTS
Washington Beach Parking

Panel-mounted 2-layer sign assembly.

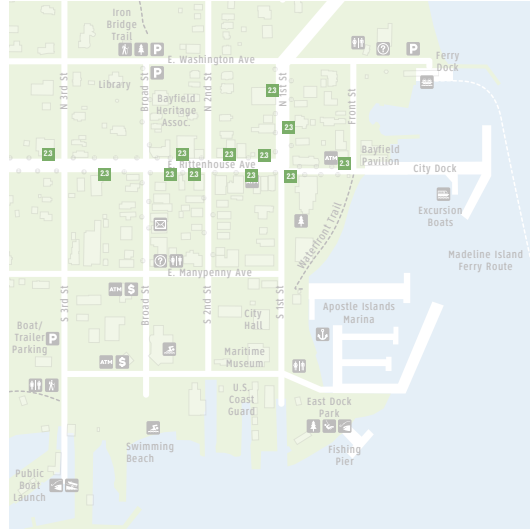
1/4" Rear panel with radius corners is secured to Parking I.D. panel with flush countersunk fasteners (will be covered by HPL panel). Panel returns painted P.1 (Black) and front face is painted P.2 (85% Black)

3/16" Inset digitally printed HPL panel with Black returns is mechanically fastened to the rear panel with vandal-resistant hardware.

Layered assembly requires updates/changes to the inset front panel only.

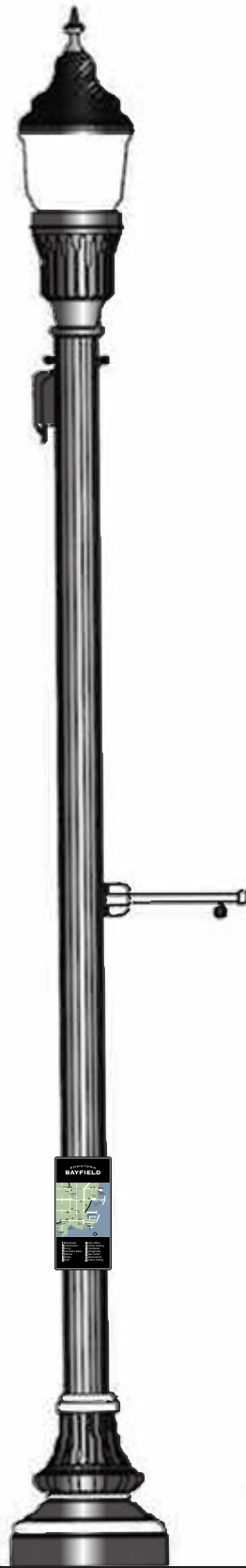


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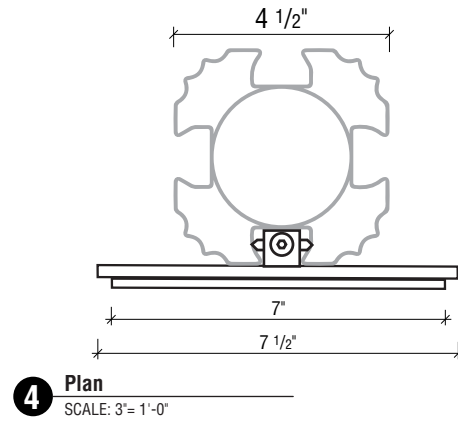


KEY PLAN

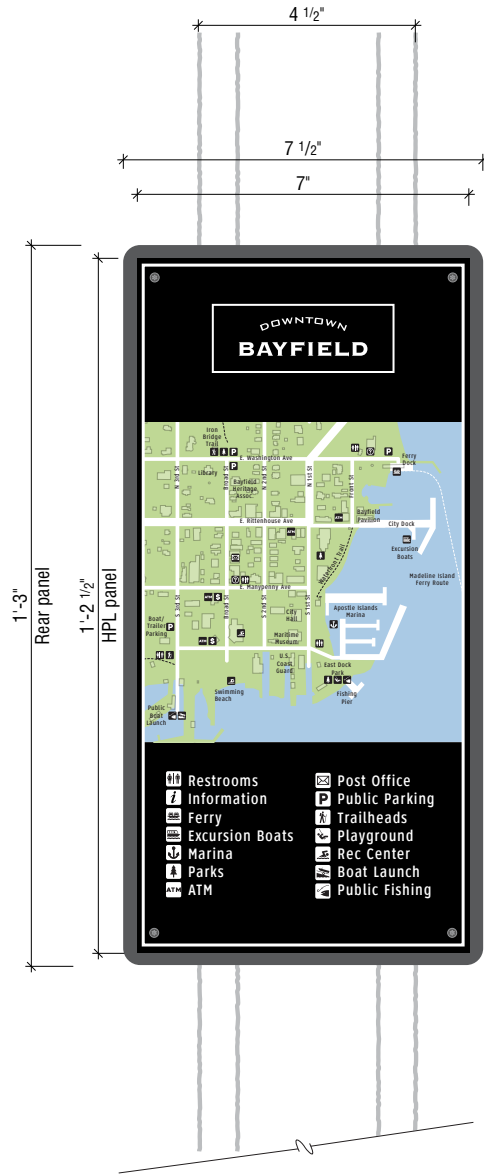
A strategy needs to be determined with these:
one per block per side?
Two per block?



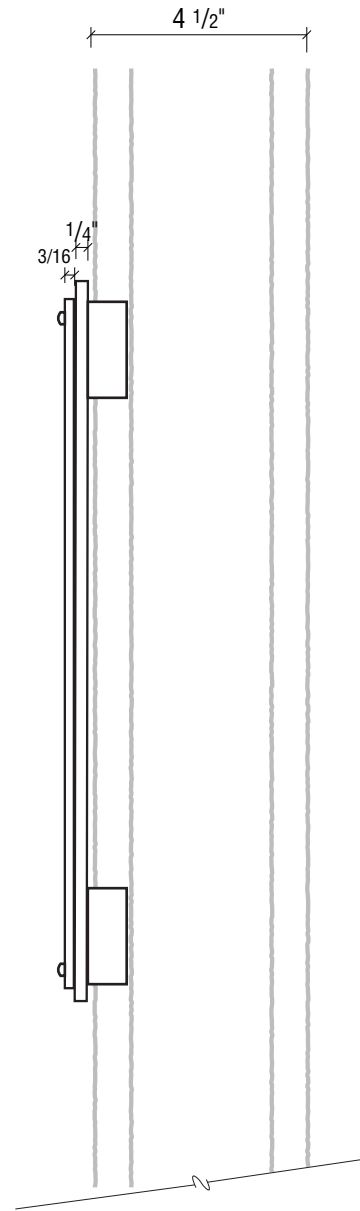
1 Elevation
SCALE: 1/2" = 1'-0"



4 Plan
SCALE: 3" = 1'-0"



2 Elevation
SCALE: 3" = 1'-0"



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

Note- In response to overhang, sign has been reduced to 75% of previous size.



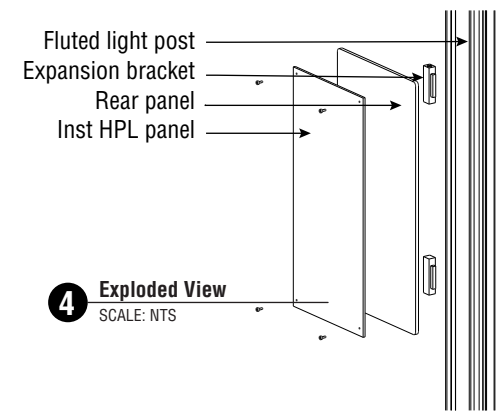
5 Photo Composite
SCALE: NTS

Post-mounted 2-layer sign assembly.

1/4" Plate metal rear panel with radius corners, returns and rear surfaces painted P.1 (Black), front face painted P.2 (85% Black).

3/16" Inset digitally printed HPL panel with Black returns is mechanically fastened to the rear panel with vandal-resistant hardware.

Sign assembly is secured to the City's lamp posts with a vertical expansion-type mounting bracket that fits within the post's face channels and locks into place.



4 Exploded View
SCALE: NTS

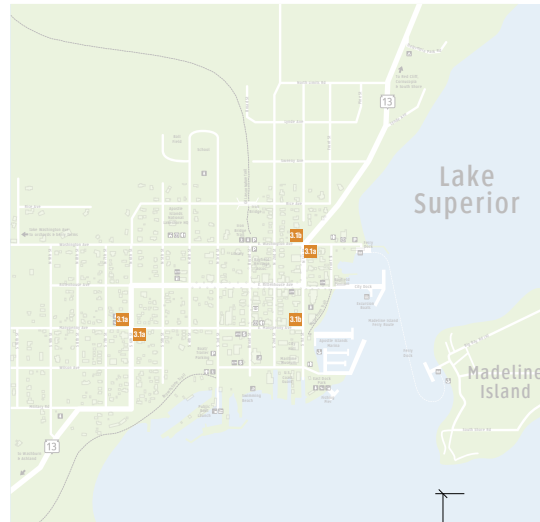


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Design
Development

Directory
Tertiary



KEY PLAN

3'-6"
6"
5"
4"
Pictogram Cap Ht
X Ht

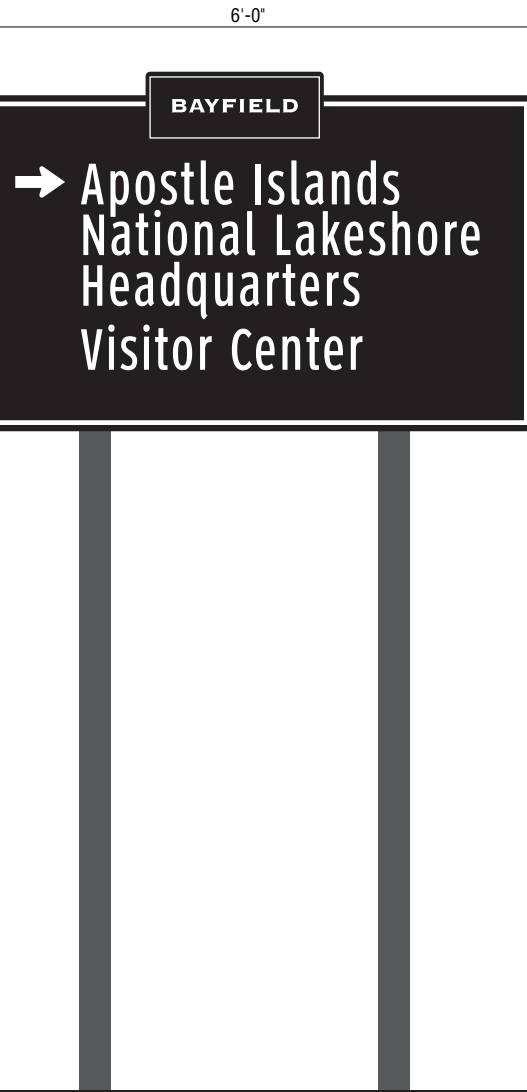


1 Elevation
SCALE: 1/2" = 1'-0"

Community Wayfinding Signs

- Need to follow Wis DOT specifications:
- Allows for City emblem, optional
 - Retro-reflective sign face, includes field color and message color
 - Field color may be Black
 - WisDOT approved typeface & arrow
 - guidelines allow for wood or steel posts.
 - arrow is to be placed on the side to which it points.

3.1a Existing Structure
City Lamp posts



Note:

Maximum panel width is 4'-0" for areas with speed limit of 30 mph or less. This message will not fit on that size panel with the prescribed type size.

What is the speed limit here, or, what is the size of the existing sign panel or copy height?

3.1b New Structure
4 x 6" Wood posts with Dk Gray or Black stain



1 Plan View
SCALE: NTS

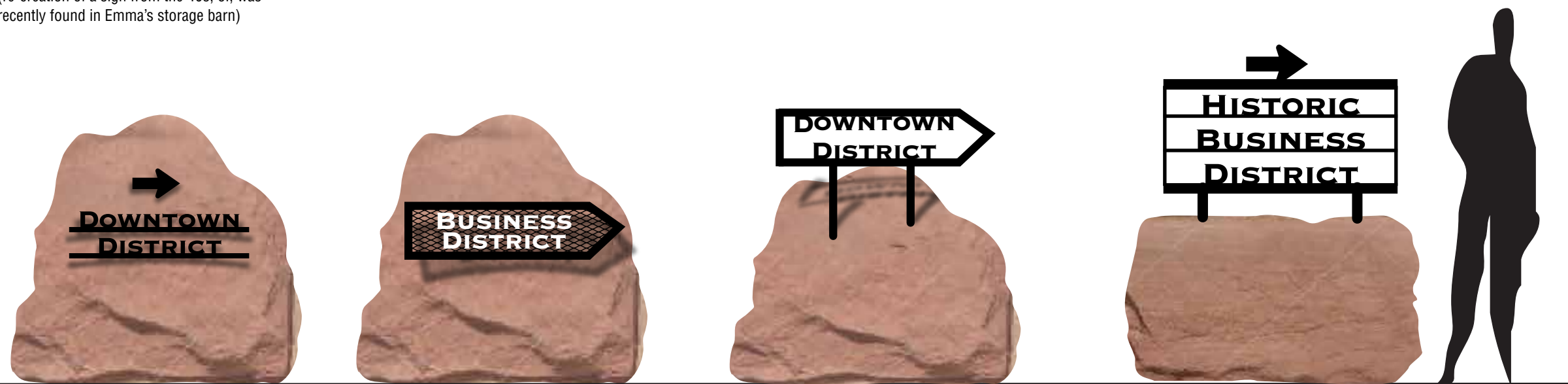


3 Photo Composite
SCALE: NTS

“Historical Sign”

This is not a WisDOT compliant sign to be located on a state highway. It is to be installed under the cloak of darkness and perhaps have some sort of backstory (re-creation of a sign from the 40s, or, was recently found in Emma’s storage barn)

In keeping with other signs that include stones, the sign assembly can be attached to the face or the top of the stone.



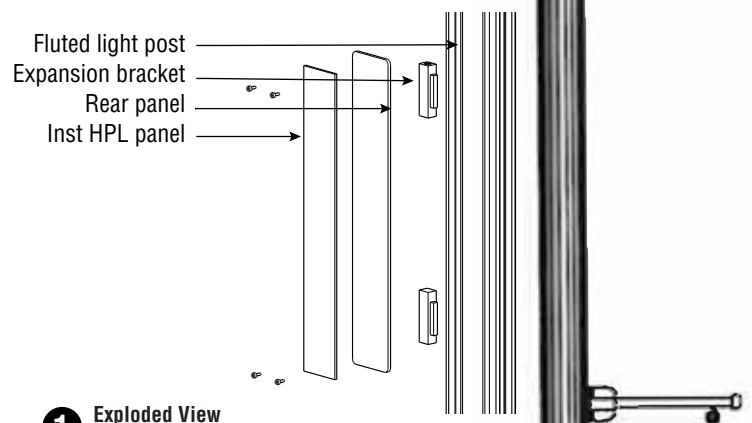
2 Elevation
SCALE: 1/2"= 1'-0"

Option **a.** may alternately be carved into the stone with black infill paint.

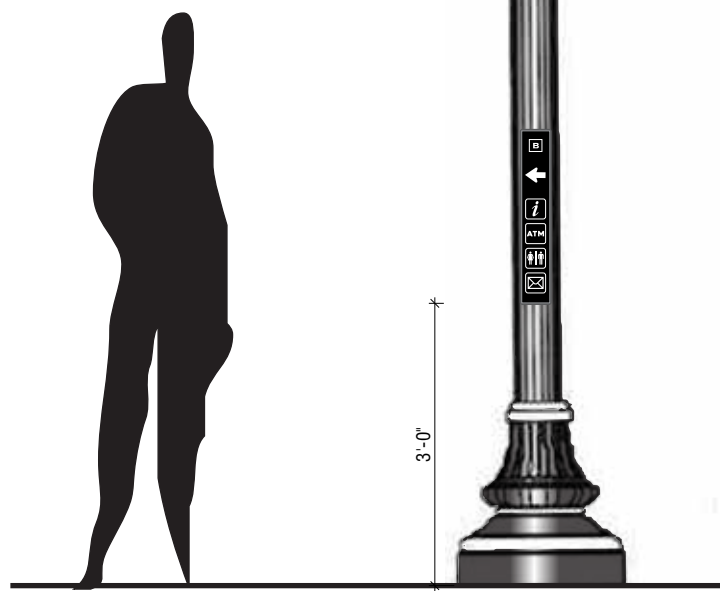
Directional Pedestrian



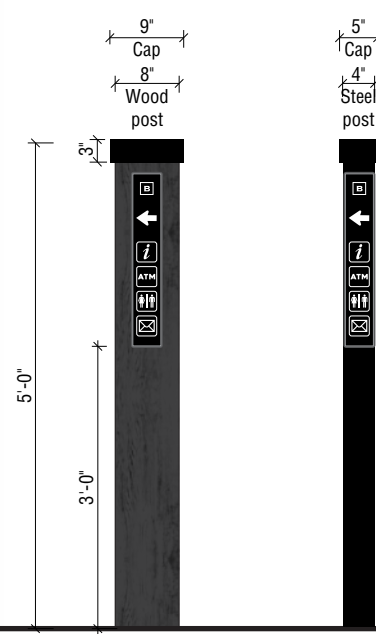
KEY PLAN



1 Exploded View
SCALE: NTS



2 Elevation
SCALE: 1/2" = 1'-0"
3.2a Existing Structure
City Lamp posts



3.2b New Structure
8" Wood posts with Dk Gray or Black stain (landscape install)



3.2c New Structure
4" Steel posts painted Black (hardscape install)

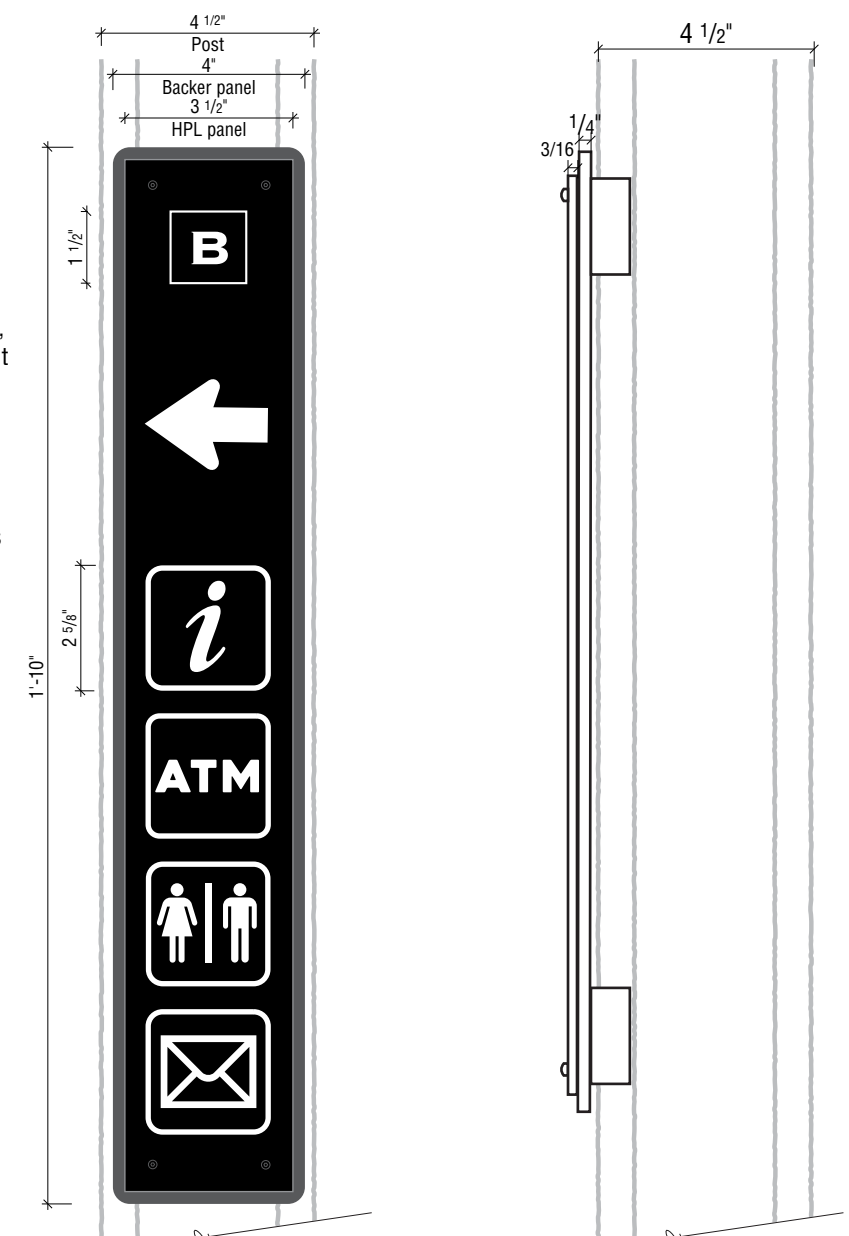
Thinner profile sign assembly fits within the profile of the posts, no overhang.

Same 2-layer assembly as before, allowing for message replacement only, as required.

Bayfield monogram header. (without monogram next page)

Isolated directional arrow, rotates per destinations.

Generously sized icons, visible from across the street.



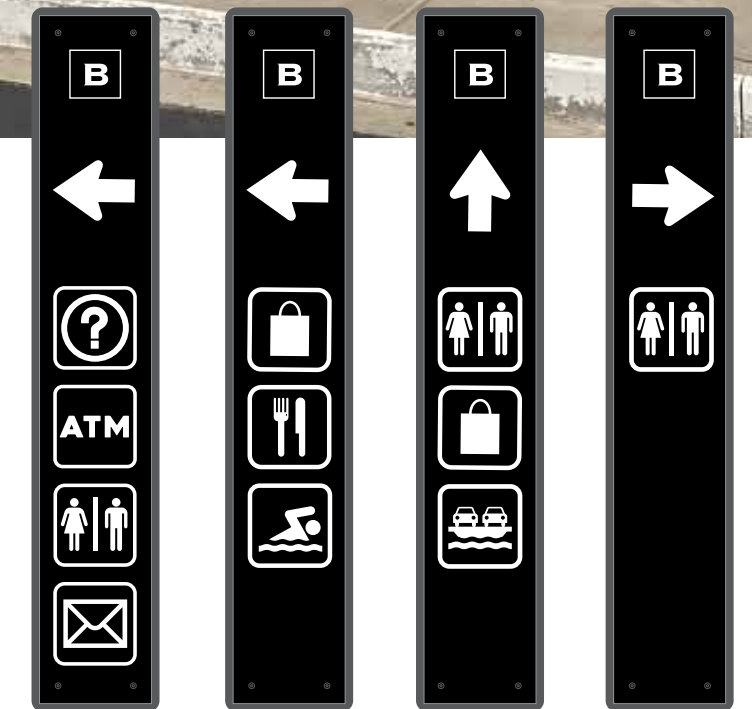
3 Elevation
SCALE: 3" = 1'-0"
4 Section
SCALE: 3" = 1'-0"

Post-mounted 2-layer sign assembly.

1/4" Plate metal rear panel with radius corners, returns and rear surfaces painted P.1 (Black), front face painted P.2 (85% Black).

3/16" Inset digitally printed HPL panel with Black returns is mechanically fastened to the rear panel with vandal-resistant hardware.

Sign assembly is secured to the City's lamp posts with a vertical expansion-type mounting bracket that fits within the post's face channels and locks into place.



5 Elevation
SCALE: 2" = 1'-0"
Icon count variations
Sign assembly to remain the same size regardless of destination count.



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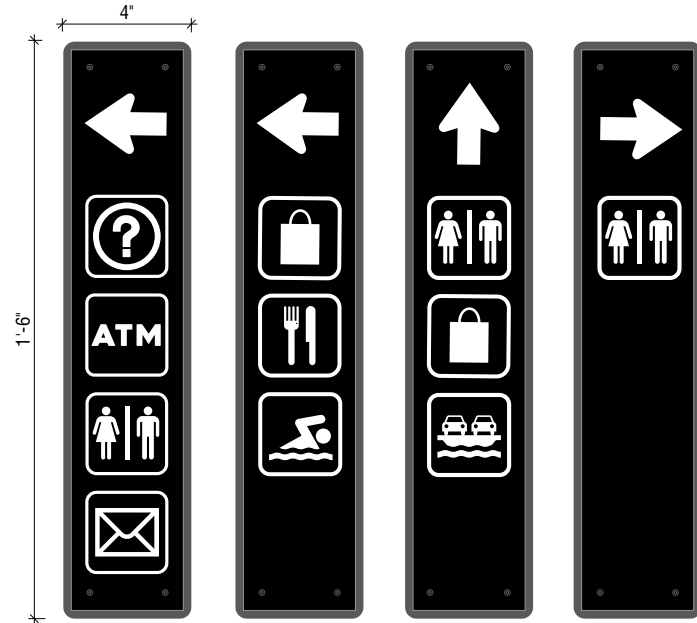
Date Issued
05.30.2023

Design
Development

Directional
Pedestrian

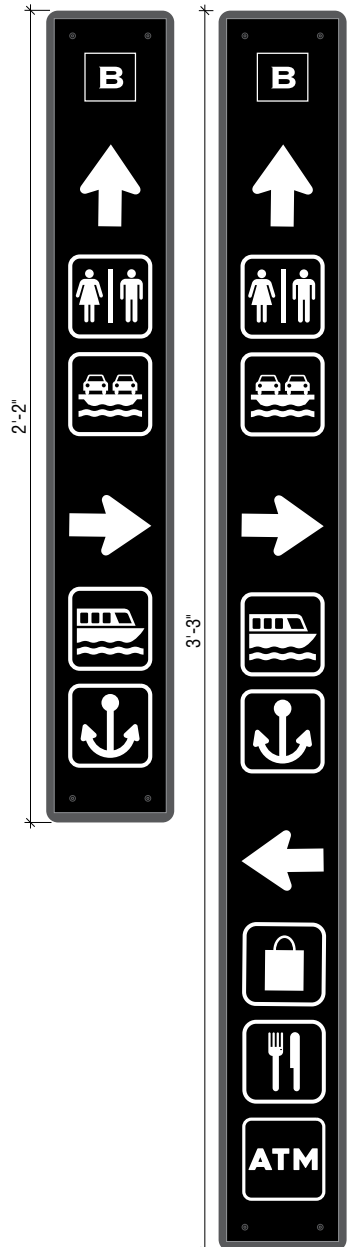
Directional Pedestrian

For Consideration-
No monogram. Cleaner layout and
slightly shorter panel.

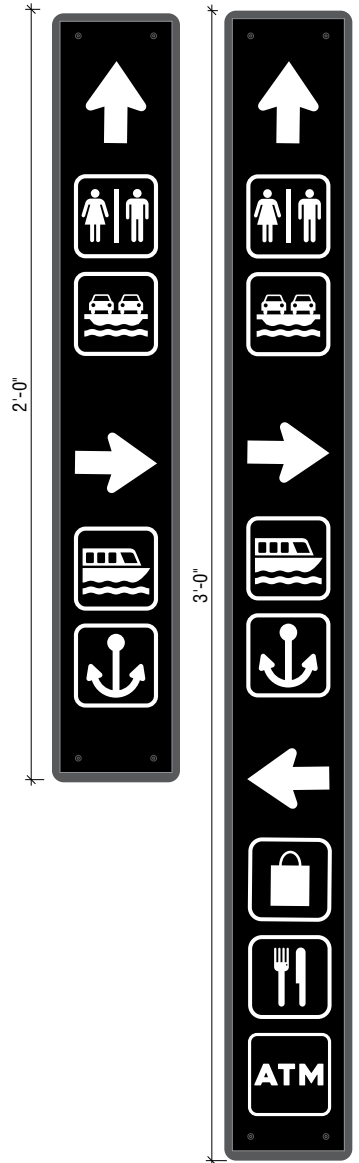


1 Elevation
SCALE: 2" = 1'-0"
Without monogram

For Consideration-
Providing multiple directions



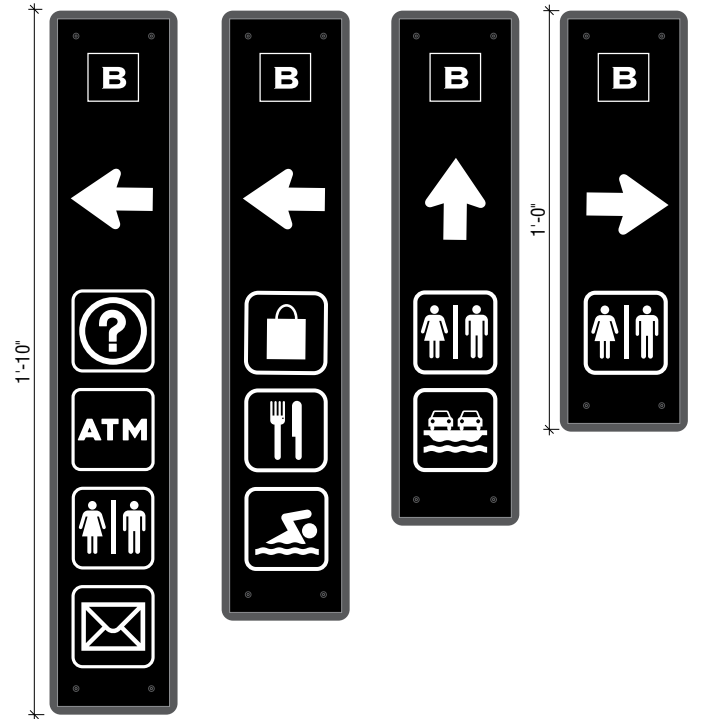
2 Elevation
SCALE: 2" = 1'-0"
Multiple directions
with monogram



3 Elevation
SCALE: 2" = 1'-0"
Multiple directions
without monogram

Do Not Suggest-
More than (4) destinations.

Do Not Suggest-
Sizing the panels according to the
icon count.



4 Elevation
SCALE: 2" = 1'-0"
Varying panel height



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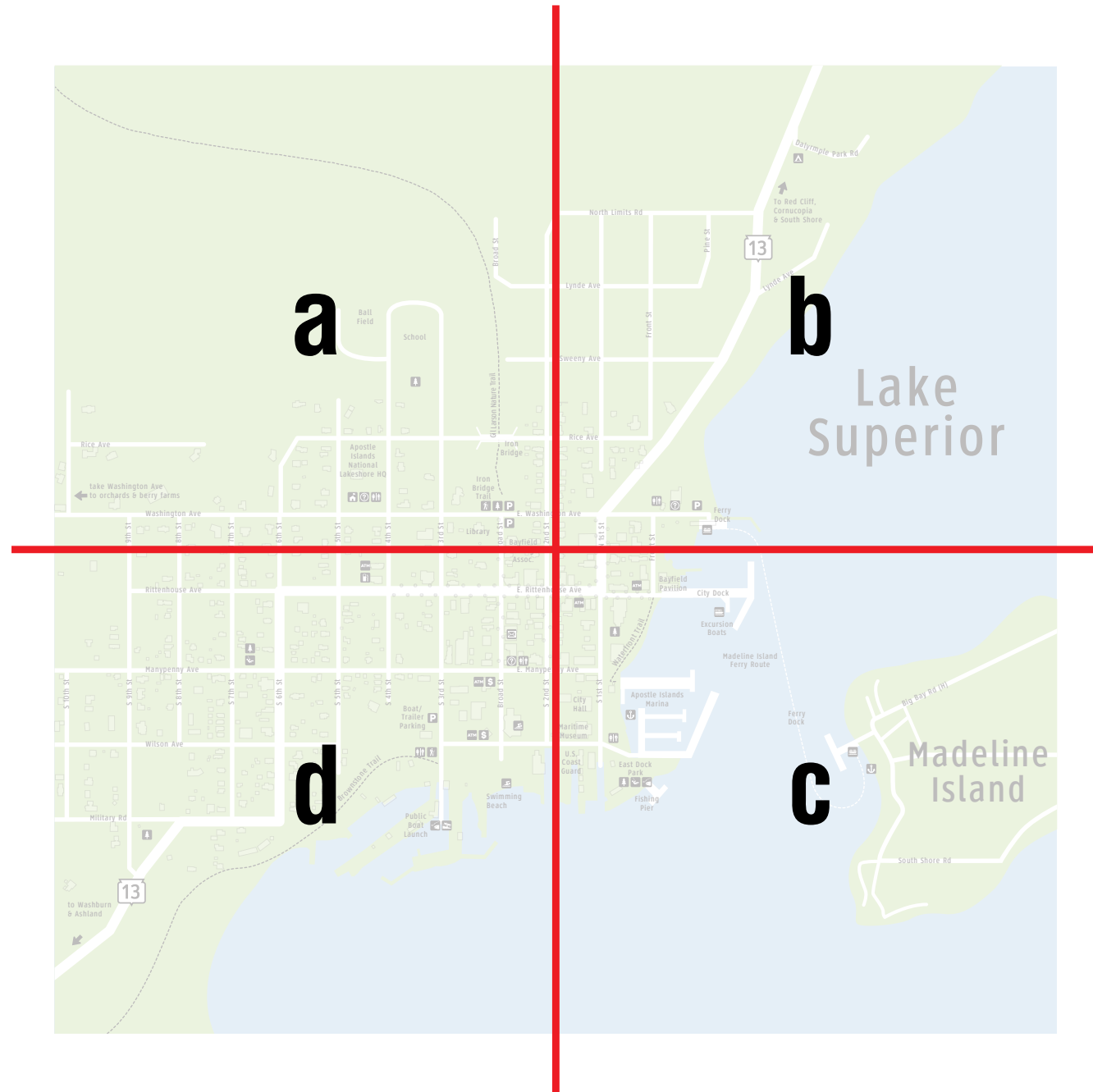


WisDOT requires that any Pedestrian signage not be visible by vehicles, being place parallel to the traffic facing away from the street.

We might consider fudging that a bit and place signs that are perpendicular to traffic, but never facing oncoming traffic (though, they *could* be viewed by traffic traveling in the opposite direction from across the street, we'll need to get a read from WisDOT).

Now that the panels do not exceed the post's width, we could place signs on two faces of the post, as illustrated here, without ever facing oncoming traffic.

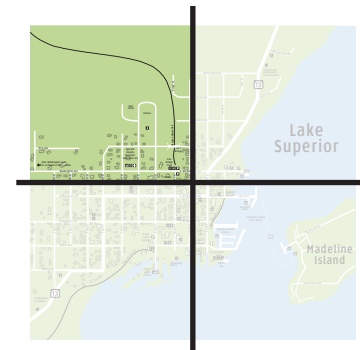
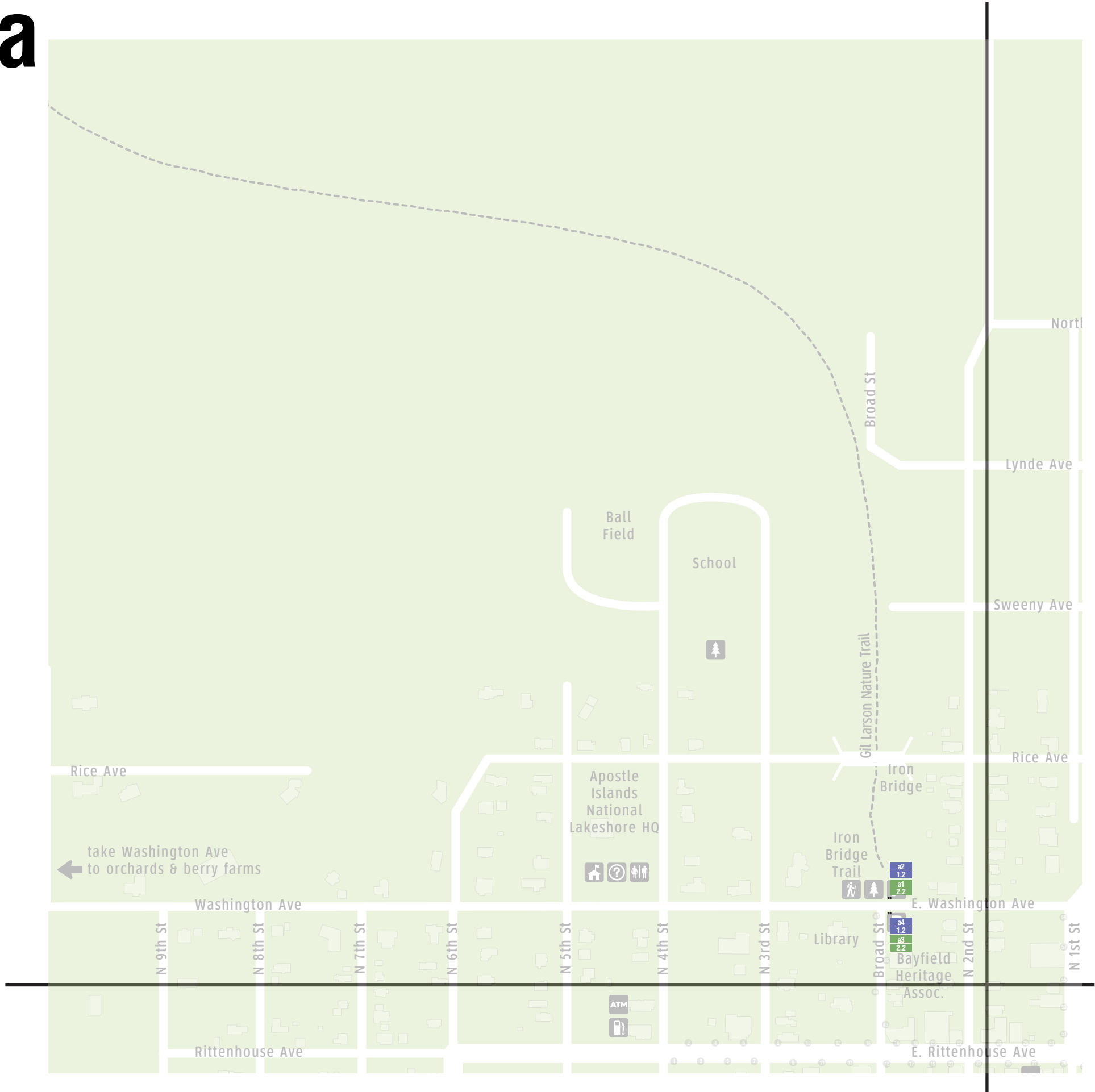




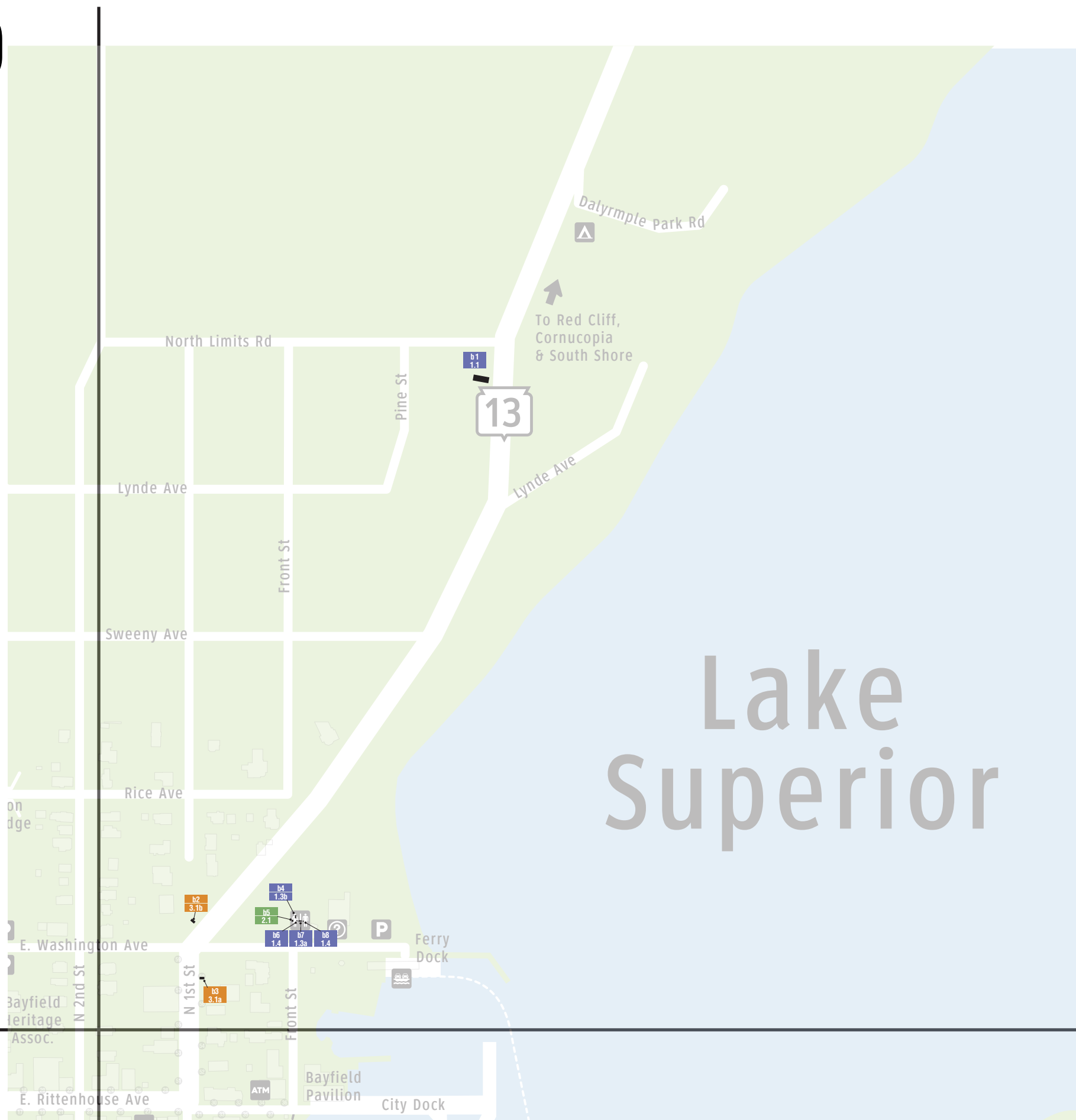


a

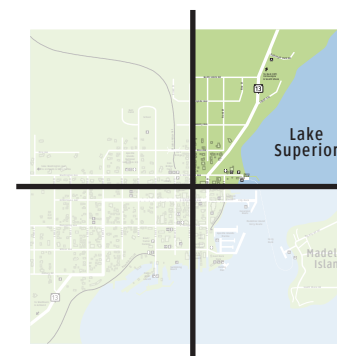
Loc.	Type	Message
a1	1.2	P
a2	2.2	(Secondary Directory)
a3	1.2	P
a4	2.2	(Secondary Directory)



- IDENTIFICATION**
- 1.1 Entry I.D.
- Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.
- INFORMATIONAL**
- Directory
- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary
- DIRECTIONAL**
- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir



Loc.	Type	Message
b1	1.1	WELCOME TO BAYFIELD
b2	3.1b	← Restrooms Information Parking
b3	3.1a	→ Restrooms Information Parking
b4	1.3b	♂♀
b5	2.1	(Primary Directory)
b6	1.4	♂ ♿ WOMEN (Grade II Braille)
b7	1.3a	♂♀ Restrooms
b8	1.4	♂ ♿ MEN (Grade II Braille)

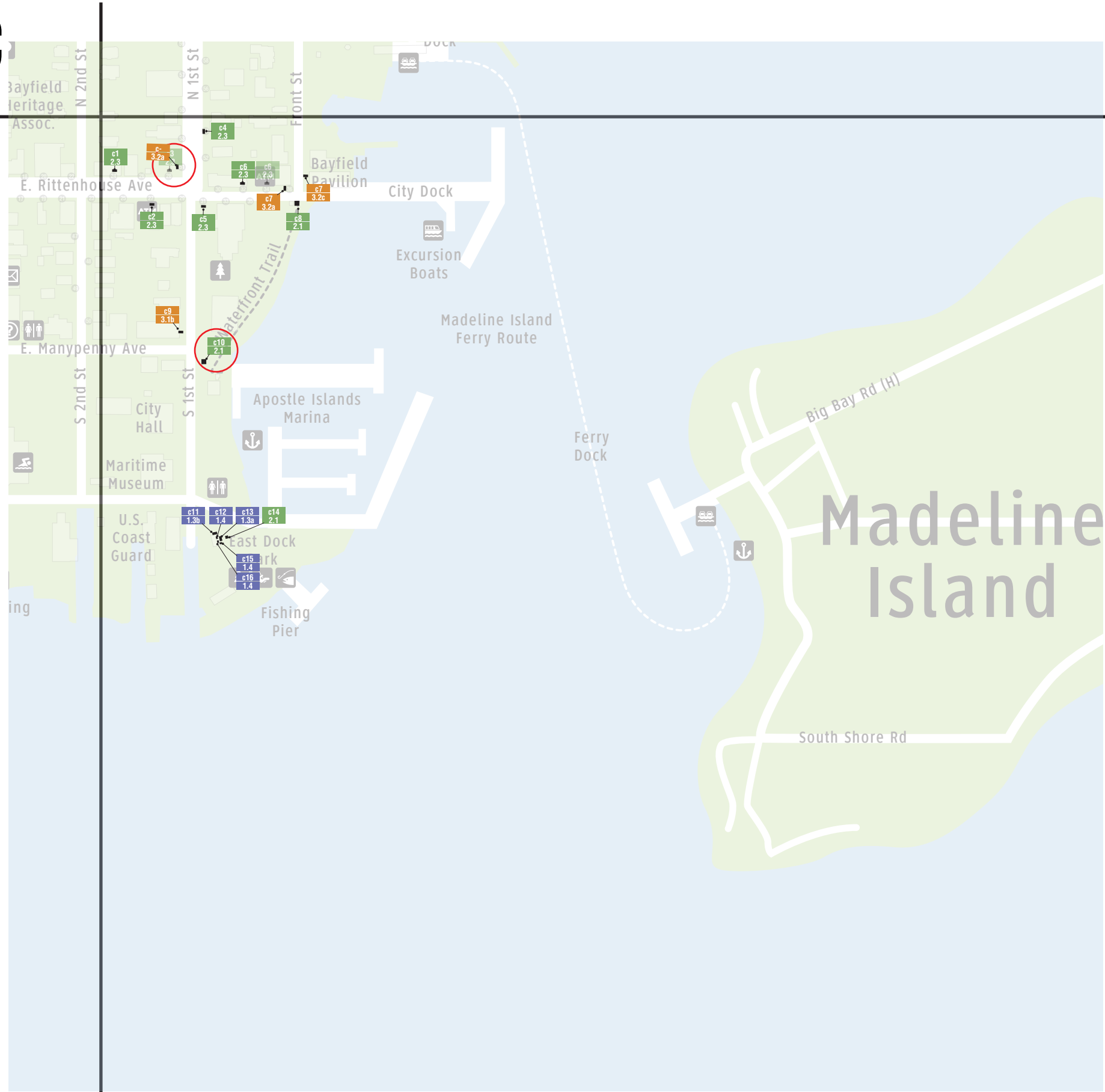


- IDENTIFICATION**
- 1.1 Entry I.D.
Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.
- INFORMATIONAL**
- Directory
- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary
- DIRECTIONAL**
- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir



Location Plans

C



Loc.	Type	Message
c1	2.3	(Tertiary Directory)
c2	2.3	(Tertiary Directory)
c3	2.3	(Tertiary Directory)
c4	2.3	(Tertiary Directory)
c5	2.3	(Tertiary Directory)
c6	2.3	(Tertiary Directory)
c7	3.2b	↑ ♀♂
c8	2.1	(Primary Directory)
c9	3.1b	→ Restrooms Information Post Office
c10	3.2c	↑ ♀♂ i ✉
c11	1.3b	♀♂
c12	1.4	♀♂ ♿ RESTROOM (Grade II Braille)
c13	1.3a	♀♂ Restrooms
c14	2.1	(Primary Directory)
c15	1.4	♀♂ ♿ RESTROOM (Grade II Braille)
c16	1.4	♀♂ ♿ RESTROOM (Grade II Braille)

- IDENTIFICATION**
- 1.1 Entry I.D.
- Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.
- INFORMATIONAL**
- Directory
- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary
- DIRECTIONAL**
- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir



Stantec VIBE
1112 Pearl Street
Boulder, CO
230330

WAY FINDING SIGNAGE MASTER PLAN

Date Issued
05.30.2023

Design
Development

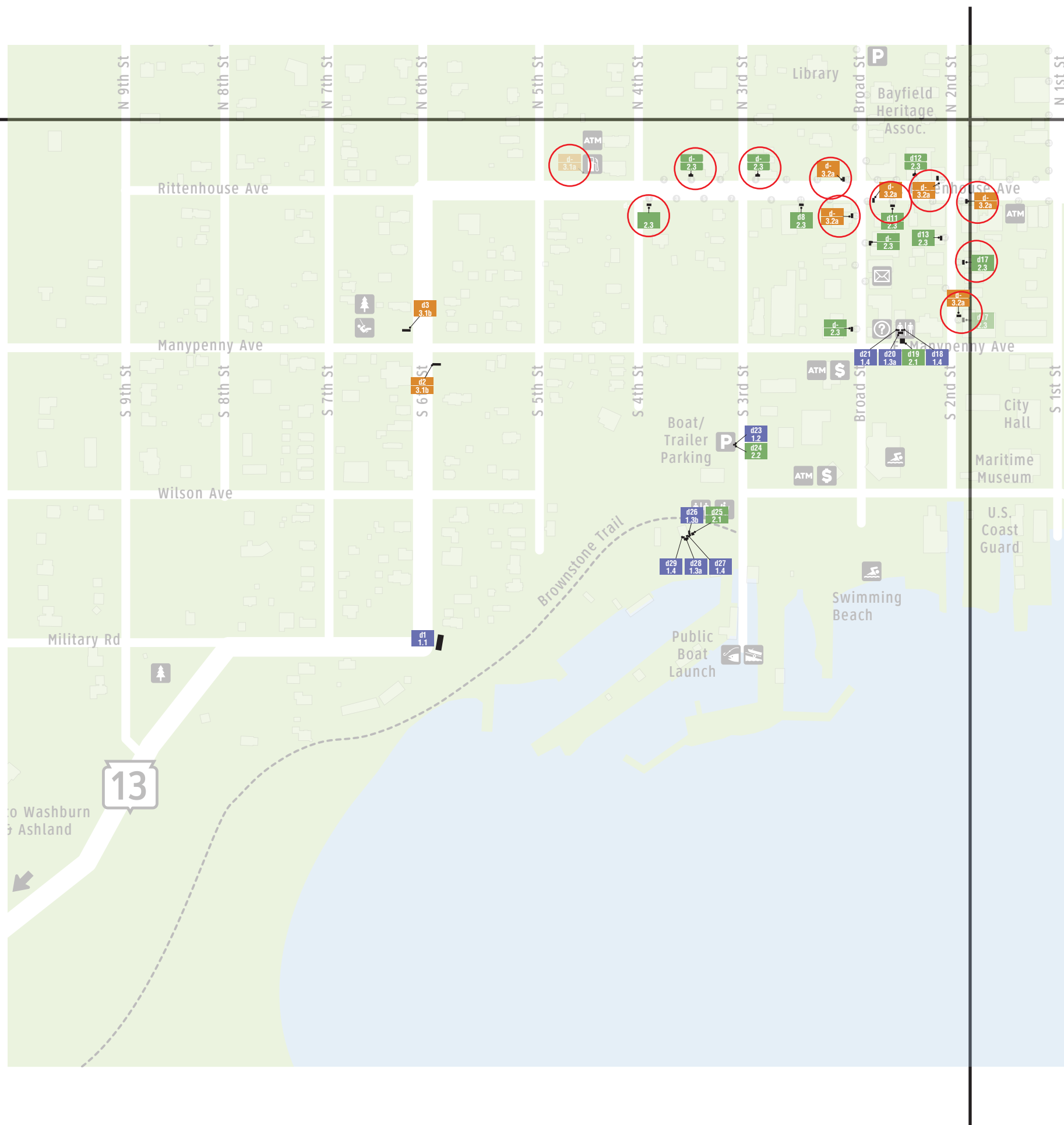
Location Plans

C

lp.c

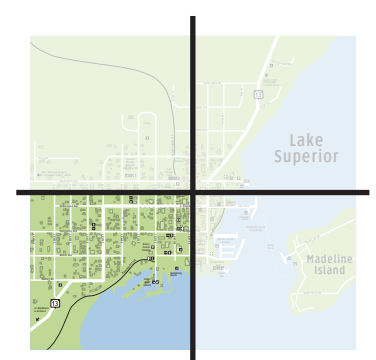
Location Plans

d



Loc.	Type	Message
d1	1.1	WELCOME TO BAYFIELD
d2	3.1b	→ Parking Information Restrooms
d3	3.1b	← Parking Information Restrooms
d4	2.1	(Primary Directory)
d5	2.3	(Primary Directory)
d6	3.1a	→ Boat/Trailer Parking Ironstone Trail Public Boat Launch
d7	3.1a	← Boat/Trailer Parking Ironstone Trail Public Boat Launch
d8	2.3	(Tertiary Directory)
d9	3.1a	→ Post Office Information Restrooms
d10	3.1a	← Post Office Information Restrooms
d11	2.3	(Tertiary Directory)
d12	2.3	(Tertiary Directory)
d13	2.3	(Tertiary Directory)
d14	3.2a	← [Envelope Icon] [Information Icon] [Person Icon]
d15	2.3	(Tertiary Directory)
d16	2.3	(Tertiary Directory)
d17	2.3	(Tertiary Directory)
d18	1.4	[Person Icon] [Wheelchair Icon] RESTROOM (Grade II Braille)
d19	2.1	(Primary Directory)
d20	1.3a	[Person Icon] [Person Icon] Restrooms
d21	1.4	[Person Icon] [Wheelchair Icon] RESTROOM (Grade II Braille)
d22	3.1b	→ Boat/Trailer Parking Ironstone Trail Public Boat Launch
d23	1.2	P
d24	2.2	(Secondary Directory)
d25	2.1	(Primary Directory)
d26	1.3b	[Person Icon] [Person Icon]
d27	1.4	[Person Icon] [Wheelchair Icon] RESTROOM (Grade II Braille)
d28	1.3a	[Person Icon] [Person Icon] Restrooms
d29	1.4	[Person Icon] [Wheelchair Icon] RESTROOM (Grade II Braille)

- IDENTIFICATION**
- 1.1 Entry I.D.
 - Facility I.D.
 - 1.2 Parking
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 - 1.4 Room I.D.
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lp.d