

CITY OF BAYFIELD

WAYFINDING SIGNAGE MASTERPLAN

March 20, 2023

**60% Design
Development**

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

S FIRST
RITTENHOUSE AVE



Stantec ViBE
 1112 Pearl Street
 Boulder, CO
 80302

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Date Issued
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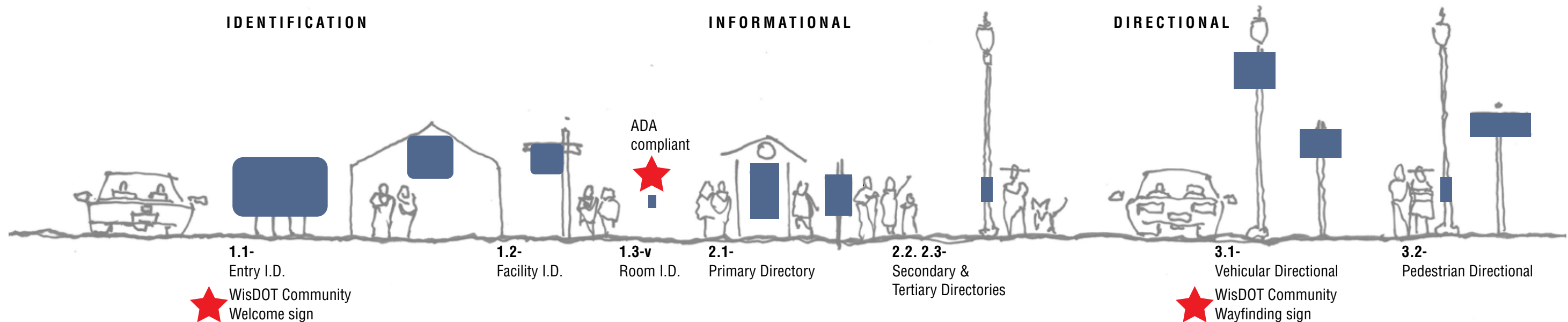
**Design
 Development**

Sign Inventory



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80302

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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Design
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Sign
Inventory

Finishes & Materials

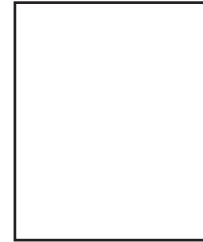
PAINT / POWDER COAT *



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

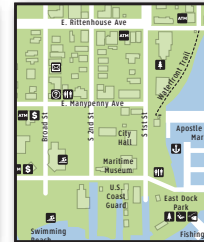
MATERIALS



M1- Lake Superior
 Brown Stone



M2- Split-face
 Colored CMU blocks



M3- Digitally Printed
 High Pressure Laminate
 (HPL)



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PROJECT LOGOS

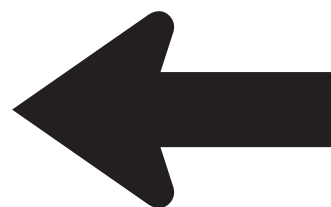
WELCOME TO
BAYFIELD

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



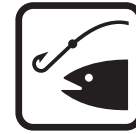
Boat Launch



Marina



Parking



Public Fishing



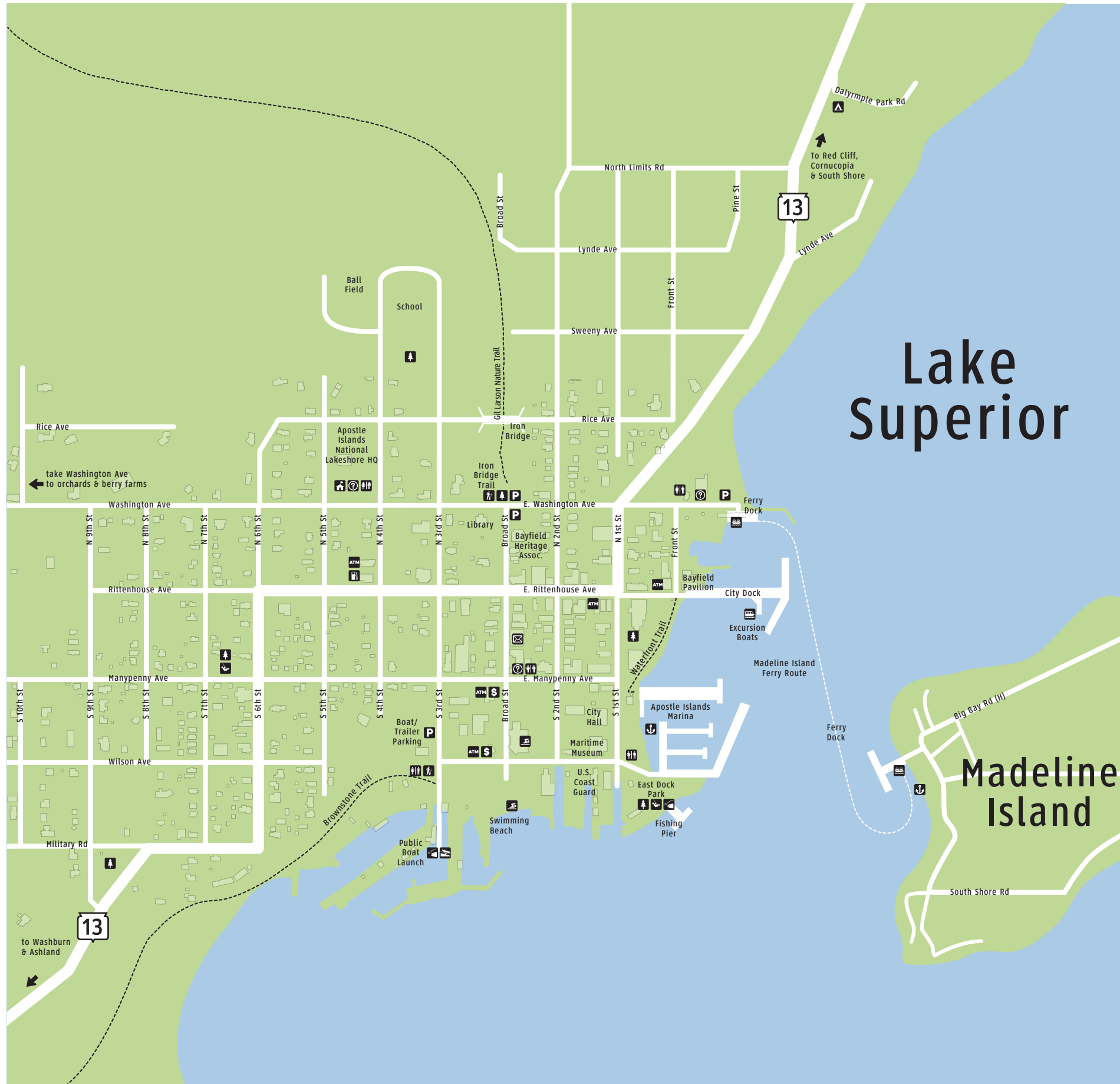
Shopping



Dining



Art Gallery



BAYFIELD DESTINATIONS
(as supplied by City)

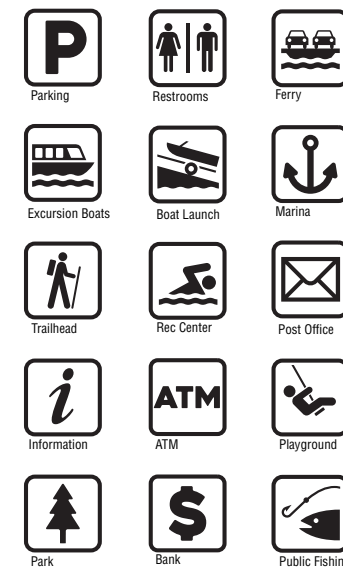
- Parking
- Restrooms
- Madeline Island Ferry Lines - E Washington Ave
- Bayfield City Dock/Pavilion – E Rittenhouse Ave
- Waterfront Trail to Apostle Island Marina,
- City Hall, East Dock Park,
- Beach to Boat Ramp,
- DNRMaritime / BHA Museum
- Downtown
- Trailheads – brownstone and iron bridge
- Courthouse
- 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"

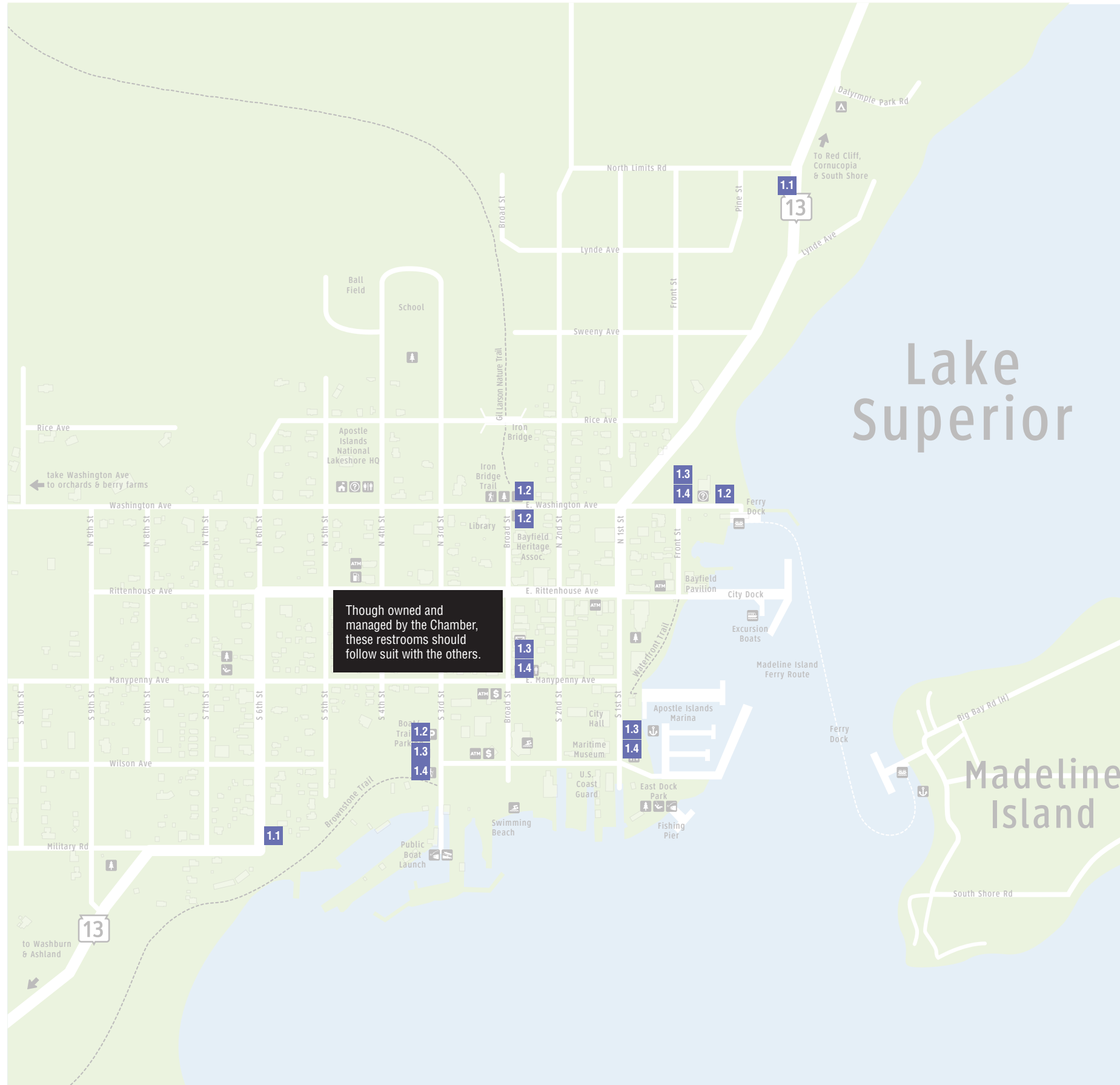


L Illustrated here is a more regional cropping of the plan to include the orchards to the west and much of Madeline Island to the east. This plan may be desired for waterfront or Welcome Center locations.

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.

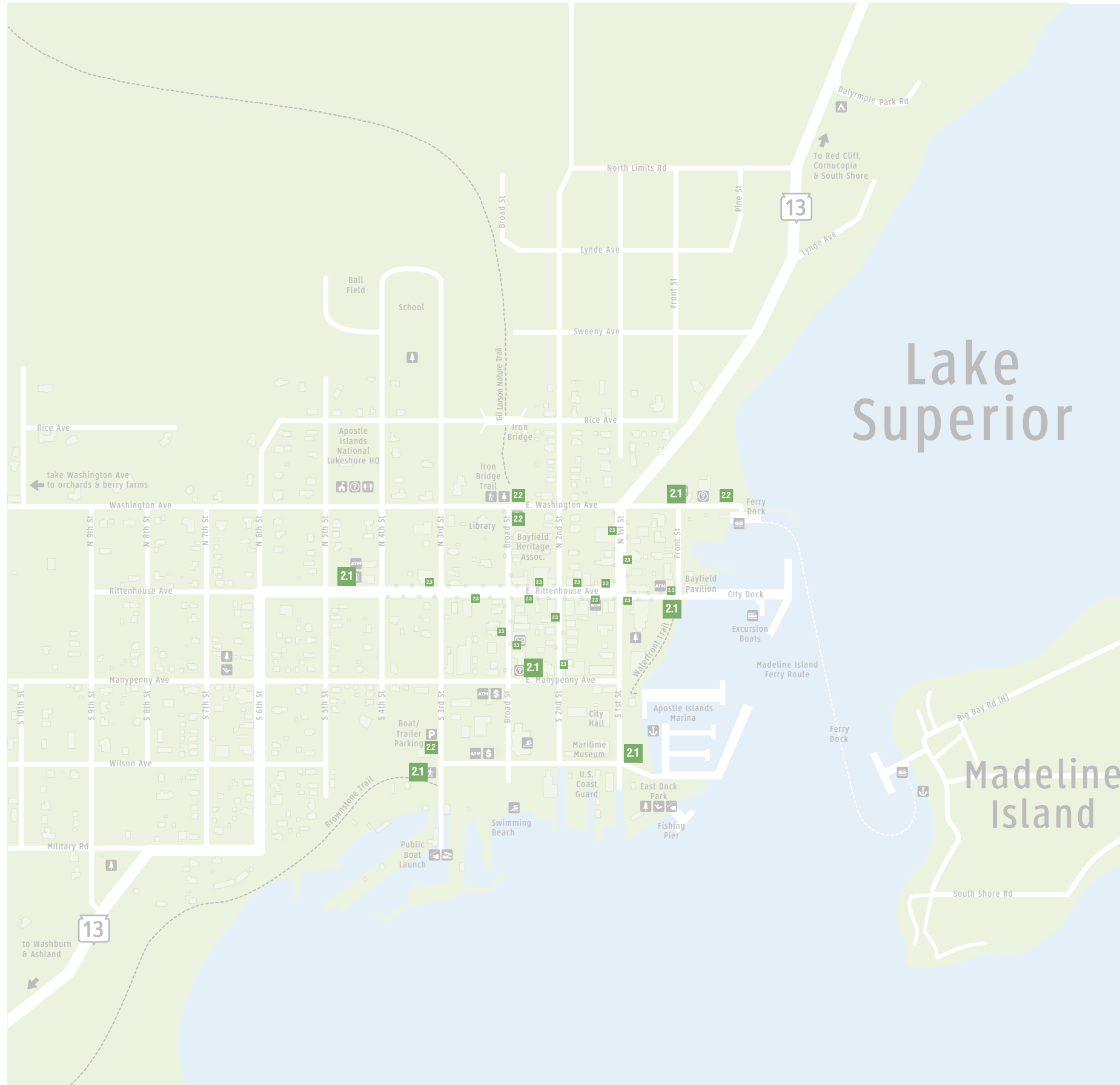
S Tighter cropping still that focuses solely on the walkable Downtown District. This may be desired for the Tertiary Directories on the I-13 corridor.

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

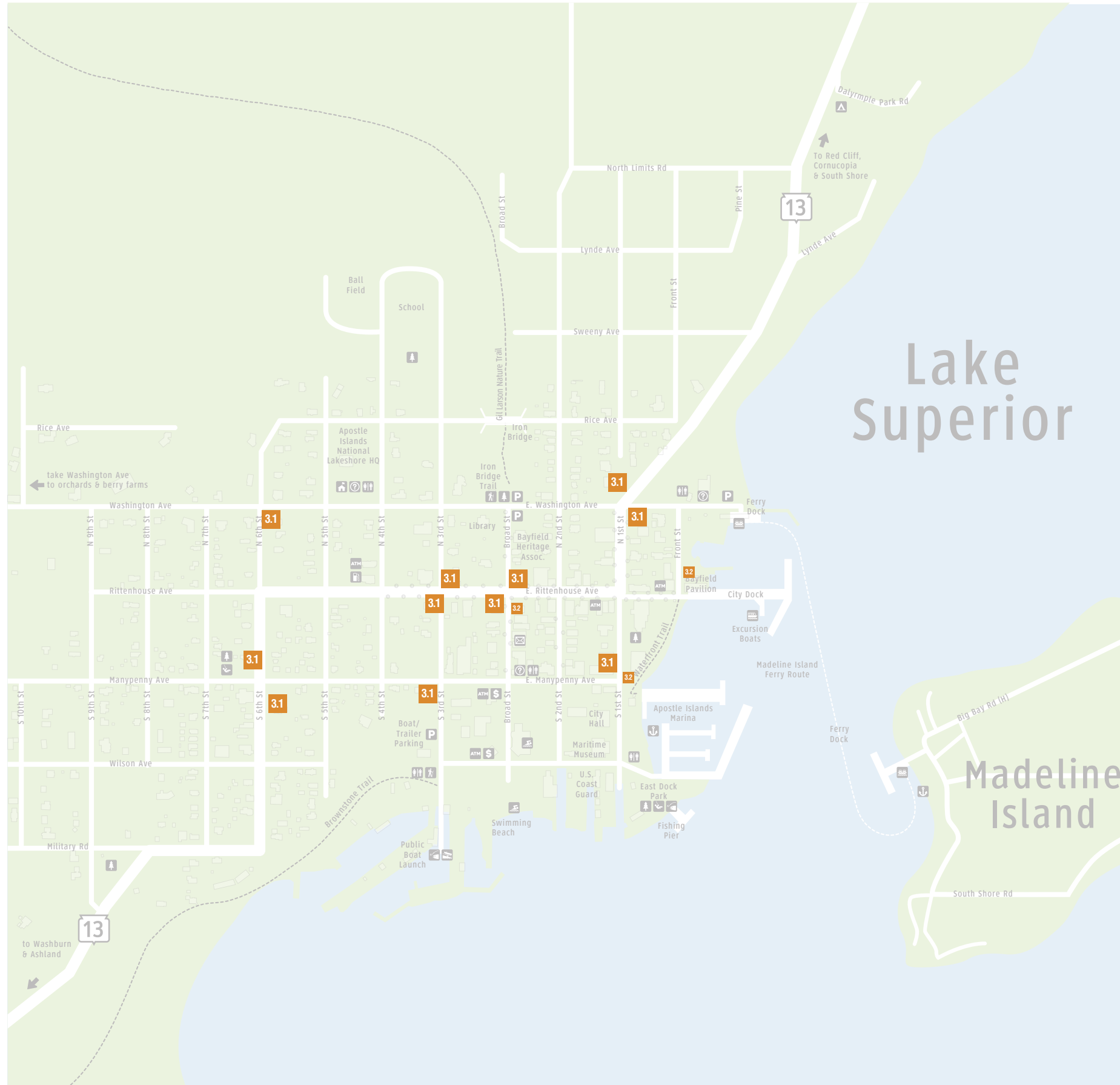
- 1.1 Entry I.D.
- Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.

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.



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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.



Entry I.D.



KEY PLAN

1 Axonometric
SCALE: NTS

Non-illuminated sign assembly with reflective graphics.

Cabinet construction sign assembly with internal sign frame as required and aluminum plate skin surfaces, both sides. Entire cabinet assembly painted P.2 (85% Bk) all visible surfaces.

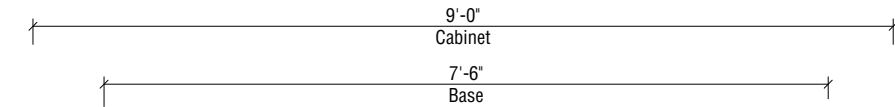
Each face has cut-out aluminum letterforms pinned off sign surface. Letterforms are painted P.2 (White) all visible surfaces. Faces of letterforms have reflective white vinyl, V.1, for night time legibility.

Sign intersects and is "supported" by a Brown Stone base. Stone assembly will vary, depending upon resources found, from monolithic stones, to veneer slabs, to assembled blocks. See following pages.

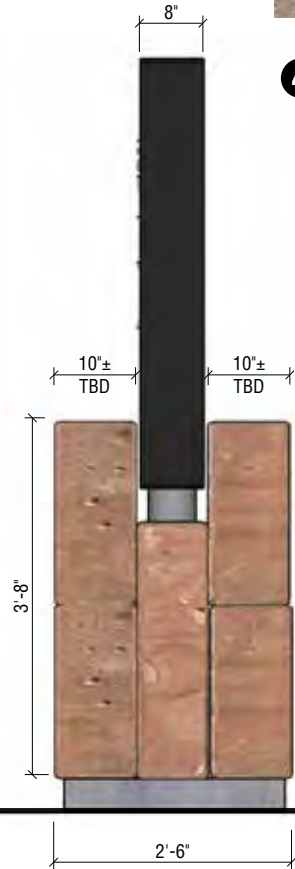
Stone base is assembled so that the return heights are lower than the faces to allow for the sign to nestle down and appear to be intersected with the base.



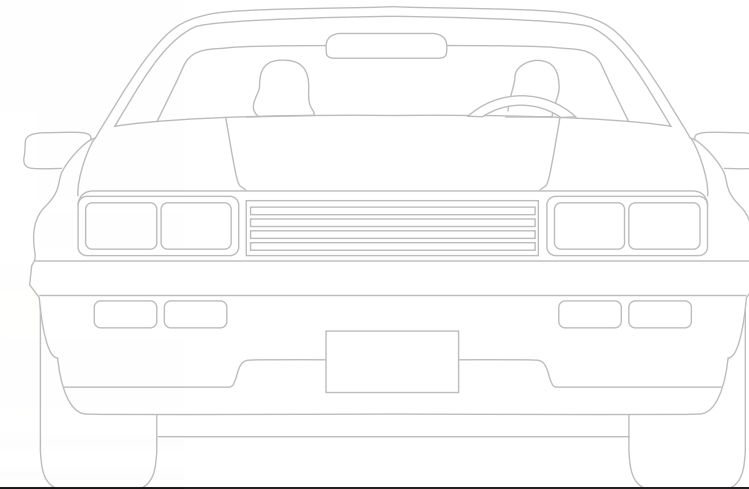
4 Photo Composite
SCALE: NTS



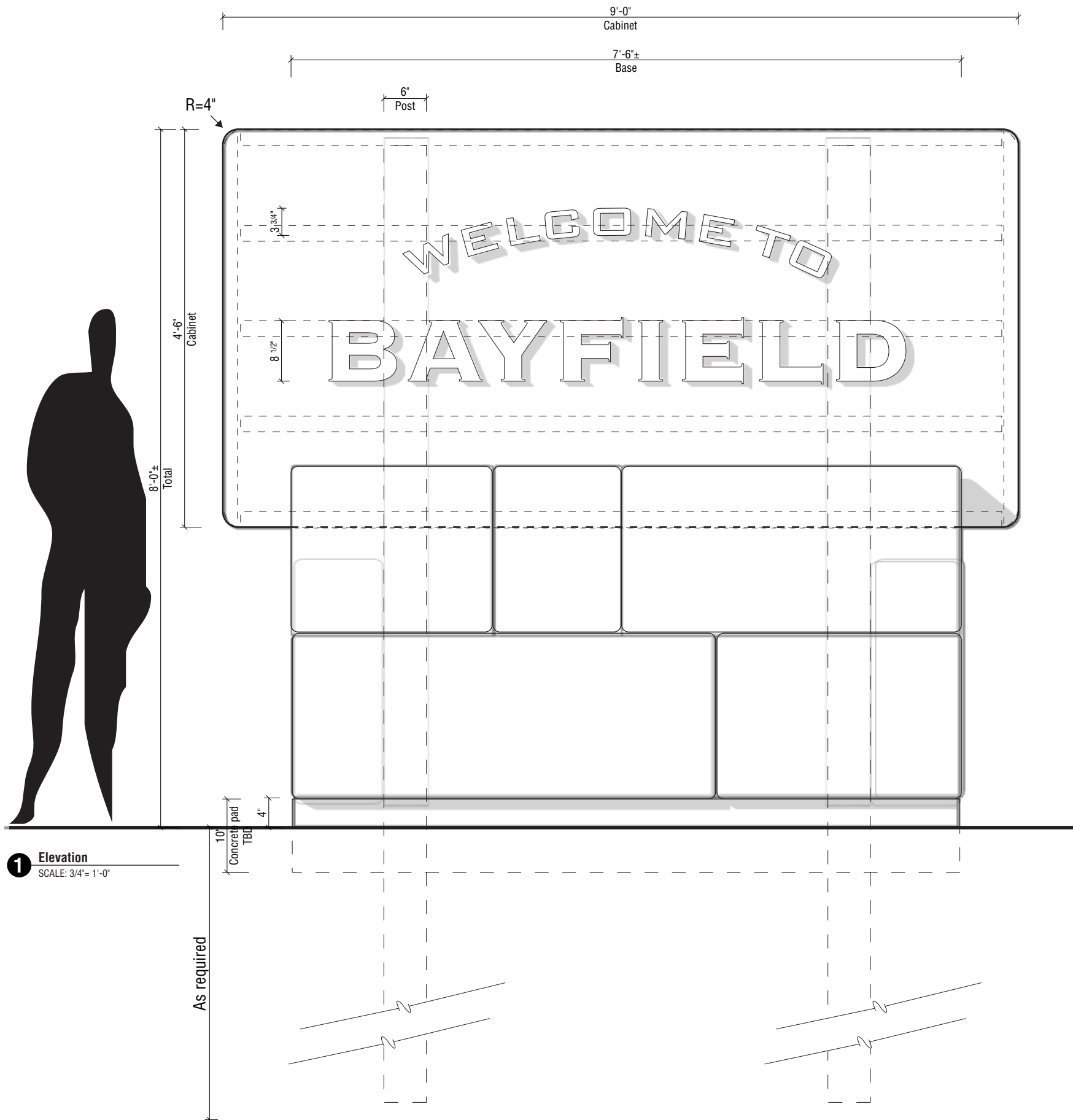
2 Elevation
SCALE: 1/2" = 1'-0"



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



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Non-illuminated sign assembly with reflective graphics. Desired "intersecting" assembly.

Cabinet construction sign assembly with internal sign frame as required and 3/16" aluminum plate skin surfaces, both sides. Entire cabinet assembly painted P.2 (85% Bk) all visible surfaces.

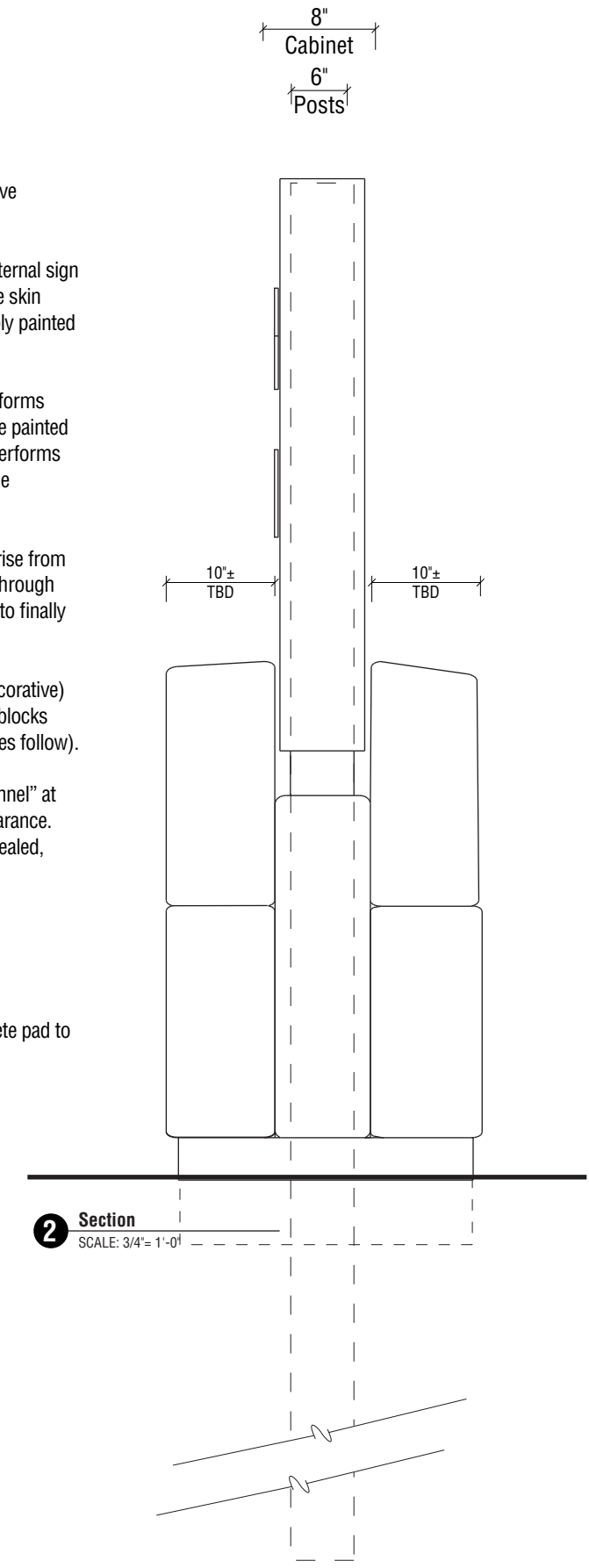
Each face has cut-out 1/4" aluminum letterforms pinned 1/4" off sign surface. Letterforms are painted P.2 (White) all visible surfaces. Faces of letterforms have reflective white vinyl, V.1, for night time legibility.

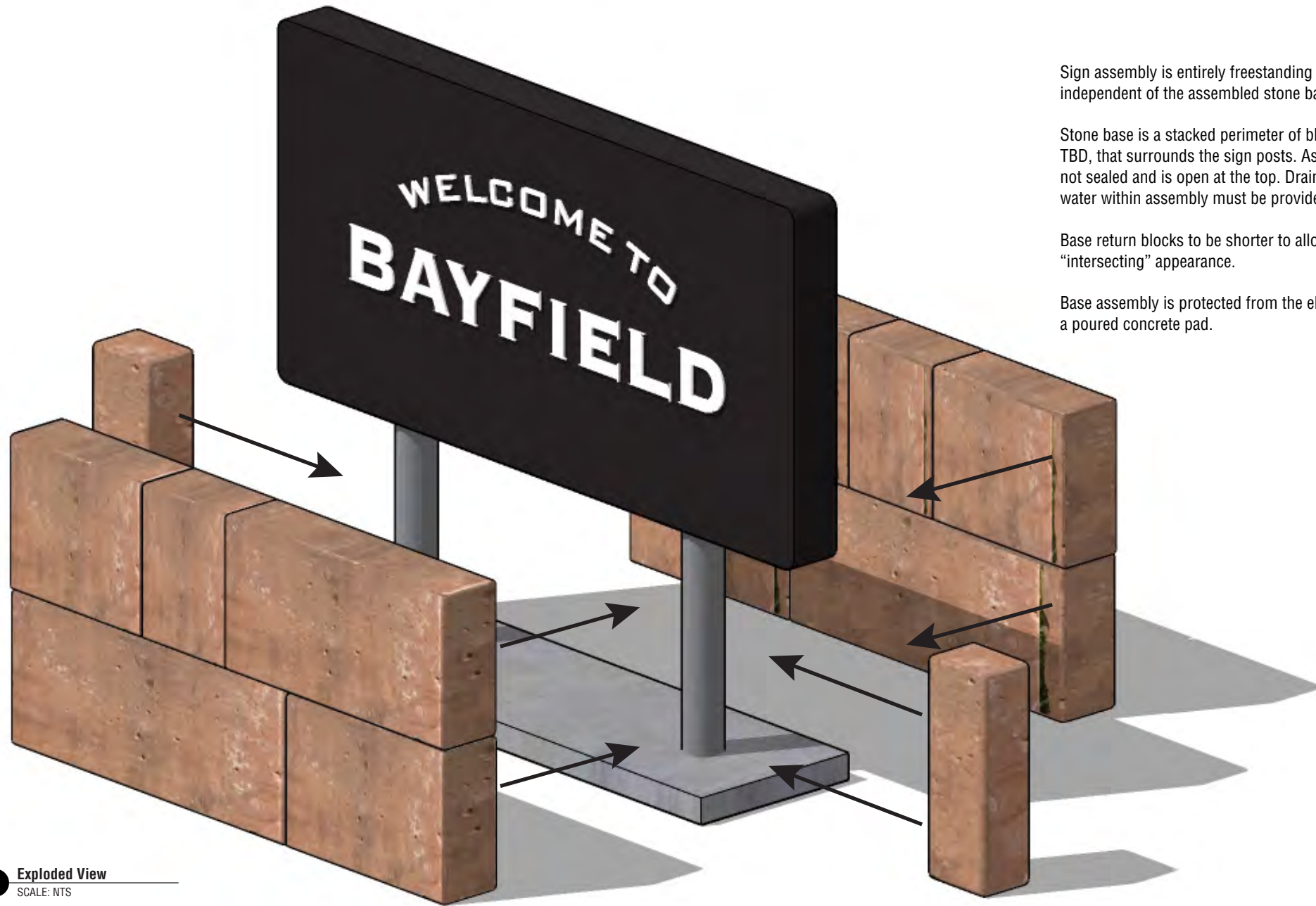
Sign is fully supported by (2) 6" posts that rise from caisson footings below grade, depth TBD, through the concrete pad and perimeter stone base to finally secure the cabinet's frame.

Sign intersects and is "supported" by a (decorative) Brown Stone base. Still TBD is the sizes of blocks available for our use (stone block size studies follow).

Return blocks are shorter, providing a "channel" at the top, allowing for the "intersected" appearance. The top is open, the base assembly is not sealed, allowances for drainage are required.

The stone base will require a poured concrete pad to keep it above the soil line.





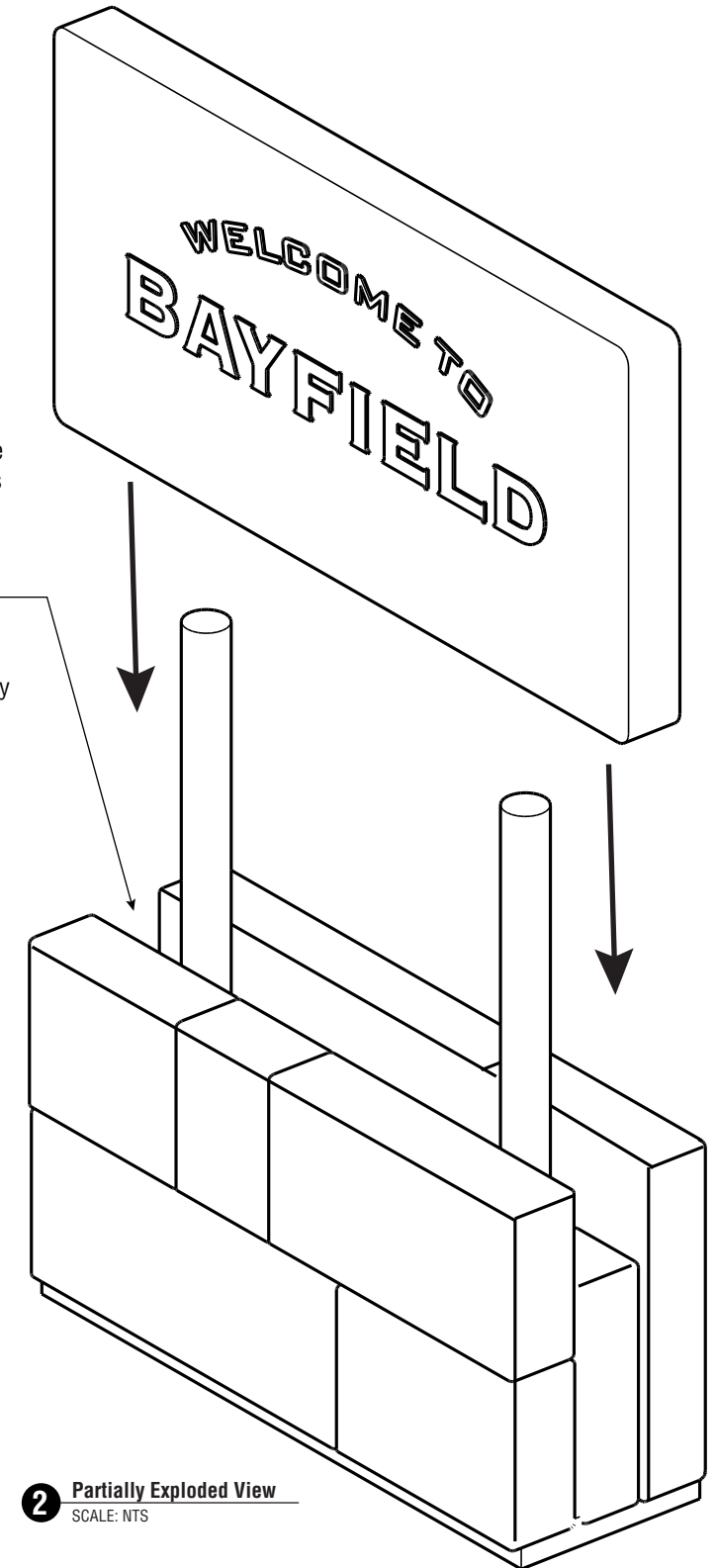
1 Exploded View
SCALE: NTS

Sign assembly is entirely freestanding and independent of the assembled stone base.

Stone base is a stacked perimeter of blocks, size TBD, that surrounds the sign posts. Assembly is not sealed and is open at the top. Drainage of water within assembly must be provided for.

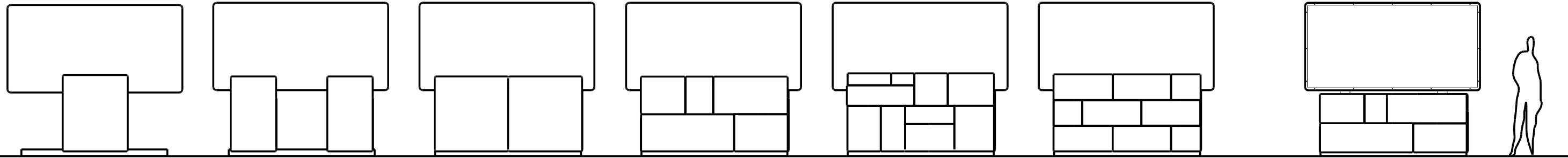
Base return blocks to be shorter to allow for "intersecting" appearance.

Base assembly is protected from the elements by a poured concrete pad.



2 Partially Exploded View
SCALE: NTS

.... seems like more base than sign....



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

1. Original Design
(too narrow)



2. Two legs w/ gap
Lightest appearance



3. Monolithic stones
Minimal amount,
1 or 2 per side



3. Crafted Assembly
Sizes vary, minimal amount



4. Crafted Assembly
Smaller sizes vary,
more stones, more assembly



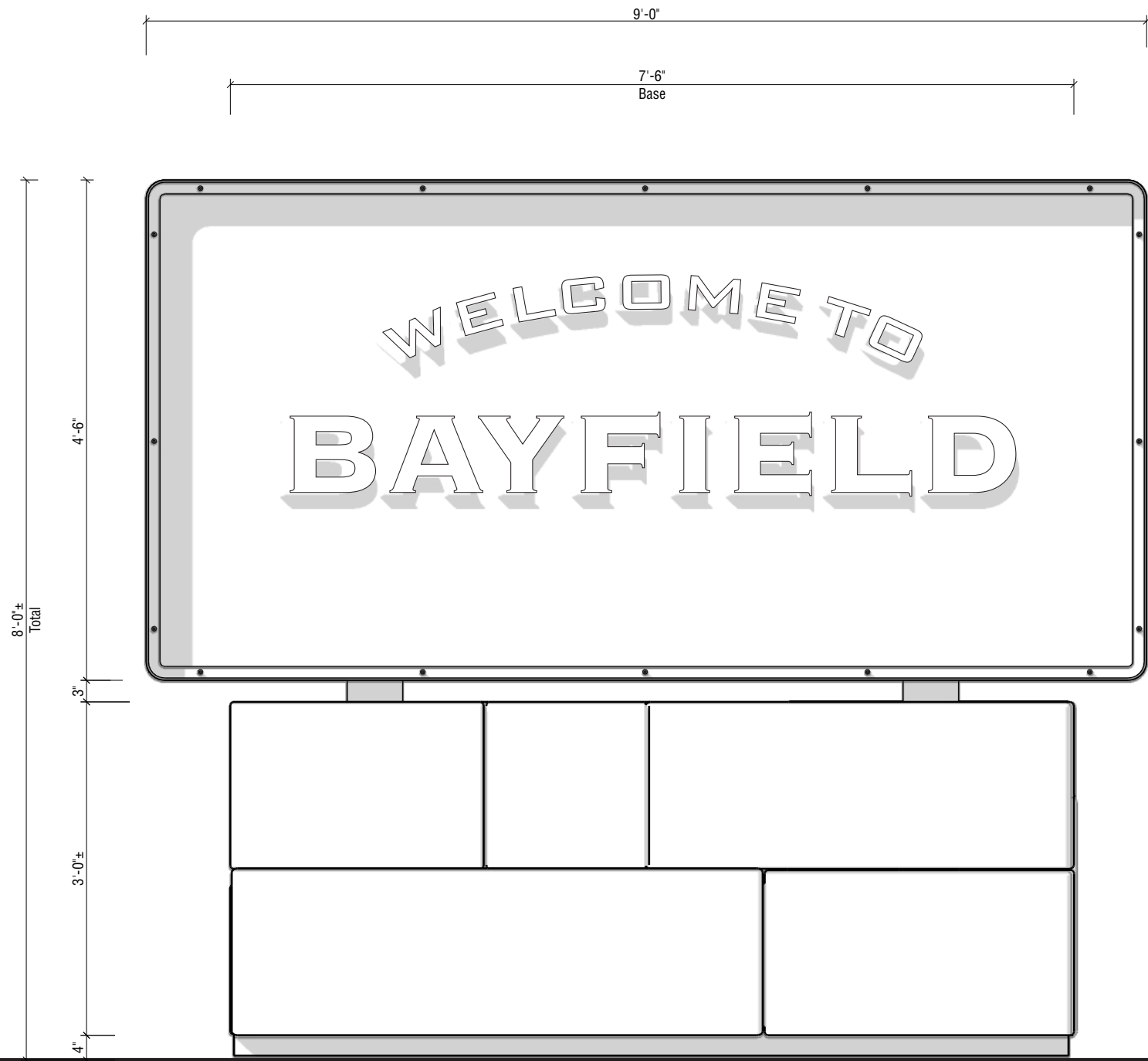
5. Uniform Sized Blocks
2 or 3 courses, size of
available stones TBD



6. Base does not Intersect
Visually smaller base,
sign is seen in its entirety



With the sign face unobstructed,
an added textural detail of a
perimeter angle stock and
expressed fasteners would
provide some visual interest.



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

Non-illuminated sign assembly with reflective graphics. Desired "intersecting" assembly.

Cabinet construction sign assembly with internal sign frame as required and 3/16" aluminum plate skin surfaces, both sides. Entire cabinet assembly painted P.2 (85% Bk) all visible surfaces.

Each face has cut-out 1/4" aluminum letterforms pinned 1/4" off sign surface. Letterforms are painted P.2 (White) all visible surfaces. Faces of letterforms have reflective white vinyl, V.1, for night time legibility.

Each face also has perimeter 1 1/2" angle stock edging, secured with expressed 1/2" Black finish barrel head fasteners.

Sign is fully supported by (2) 6" posts that rise from caisson footings below grade, depth TBD, through the concrete pad and perimeter stone base to finally secure the cabinet's frame.

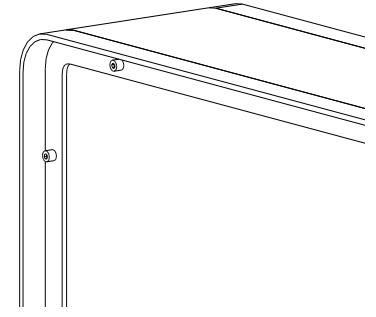
Sign sits above stone base with 3" gap. Stone base can be more solidly assembled with top surface with blocks that meet in the center with half circle voids to accept posts. Flashing and sealants can make this base watertight.

The stone base will require a poured concrete pad to keep it above the soil line.

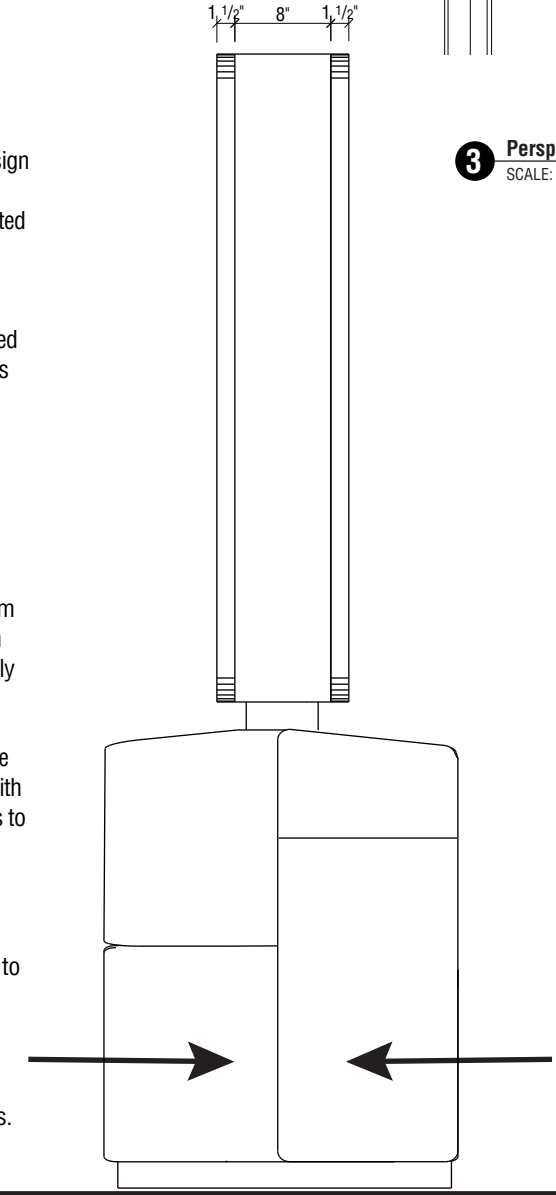
Base stones to meet in the center around the posts.

Rolled perimeter angle stock provides shadows

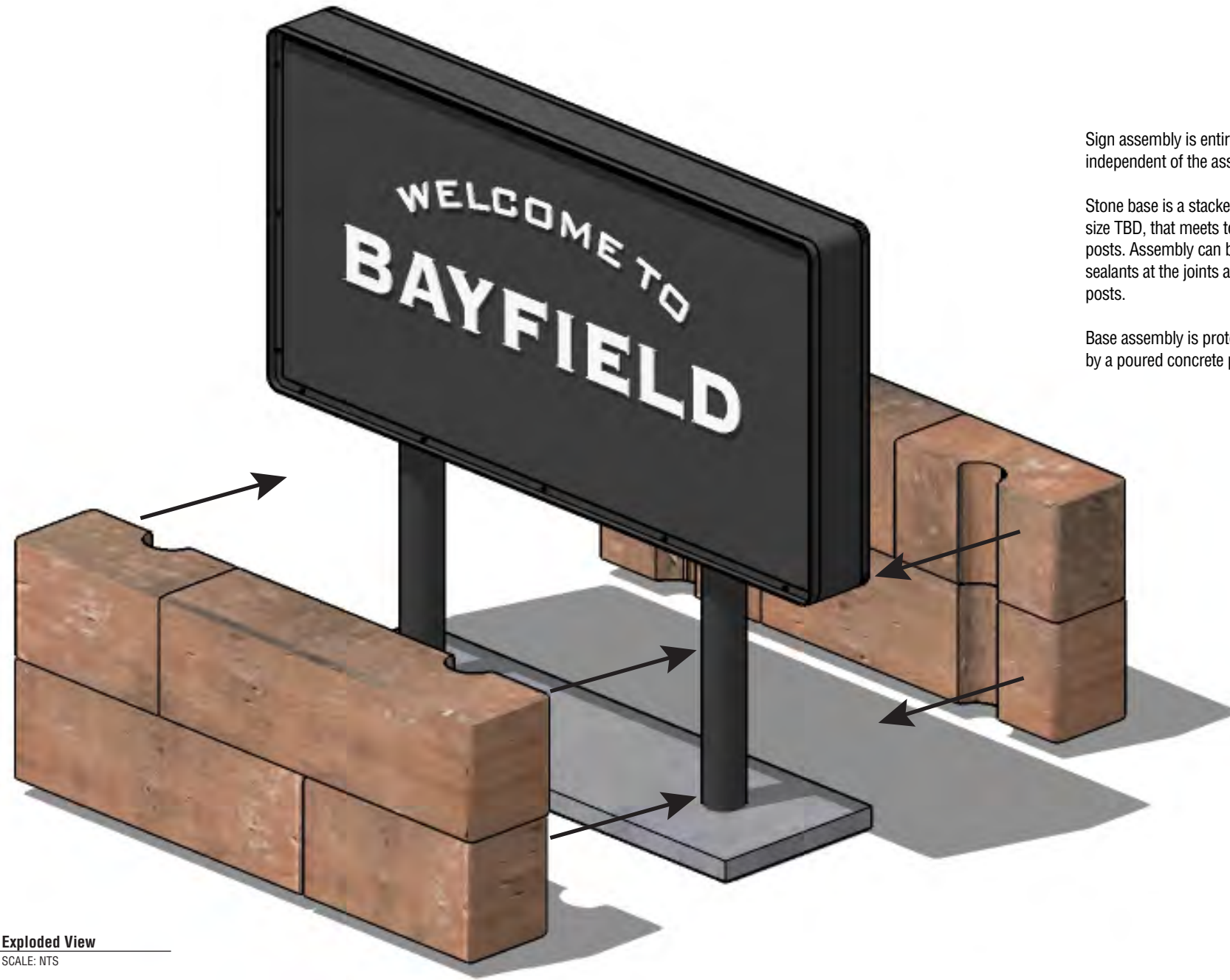
Barrel head fasteners



3 Perspective Detail
SCALE: NTS



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

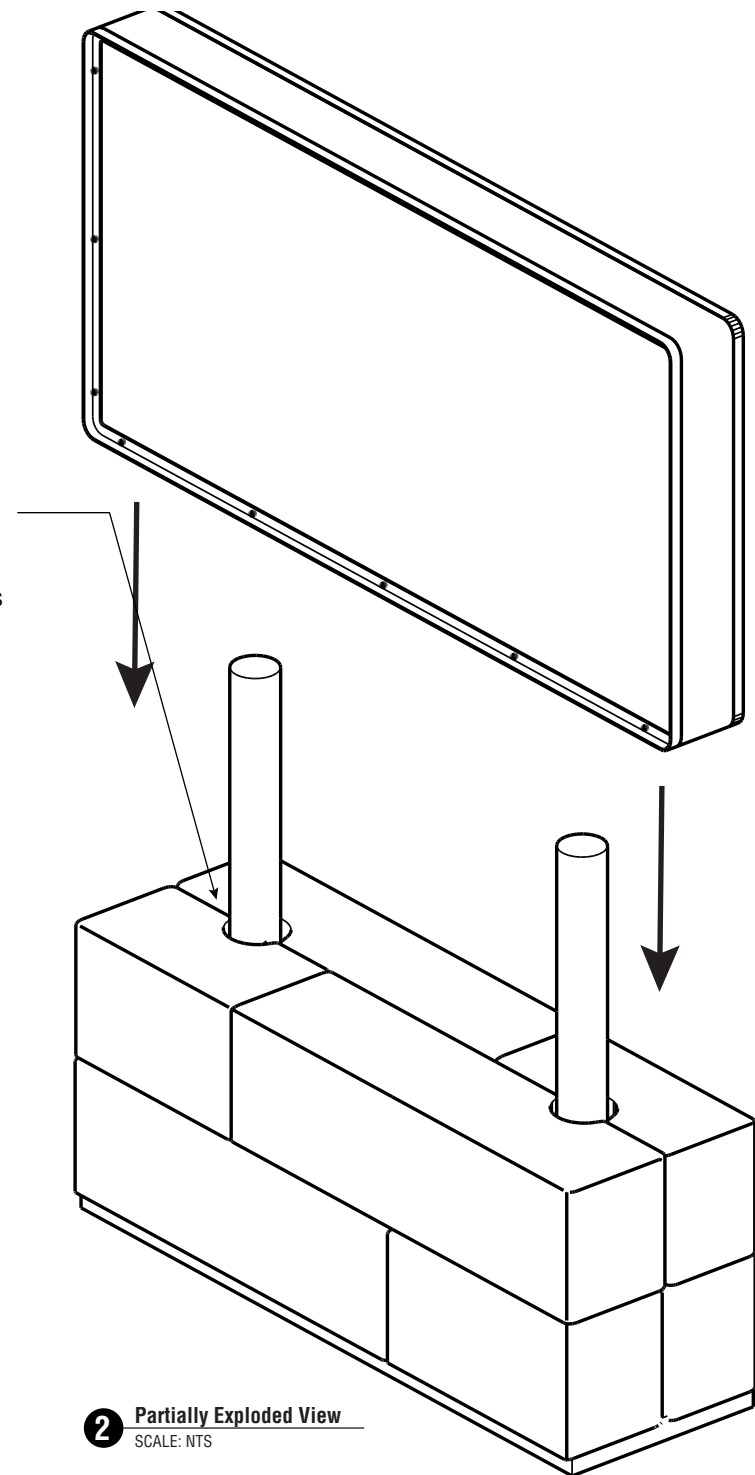


1 Exploded View
SCALE: NTS

Sign assembly is entirely freestanding and independent of the assembled stone base.

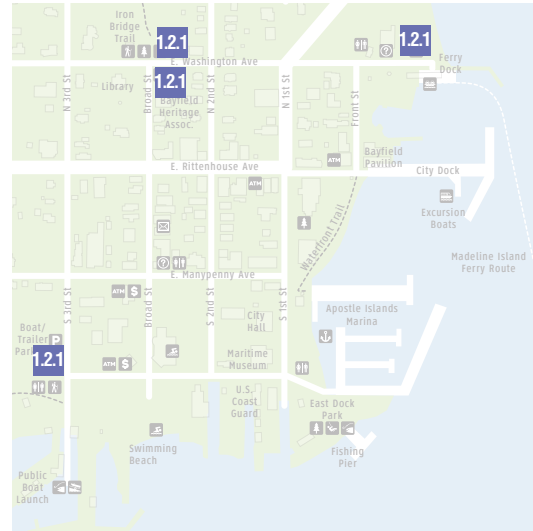
Stone base is a stacked assembly of blocks, size TBD, that meets together around the sign posts. Assembly can be made watertight with sealants at the joints and flashing around the posts.

Base assembly is protected from the elements by a poured concrete pad.

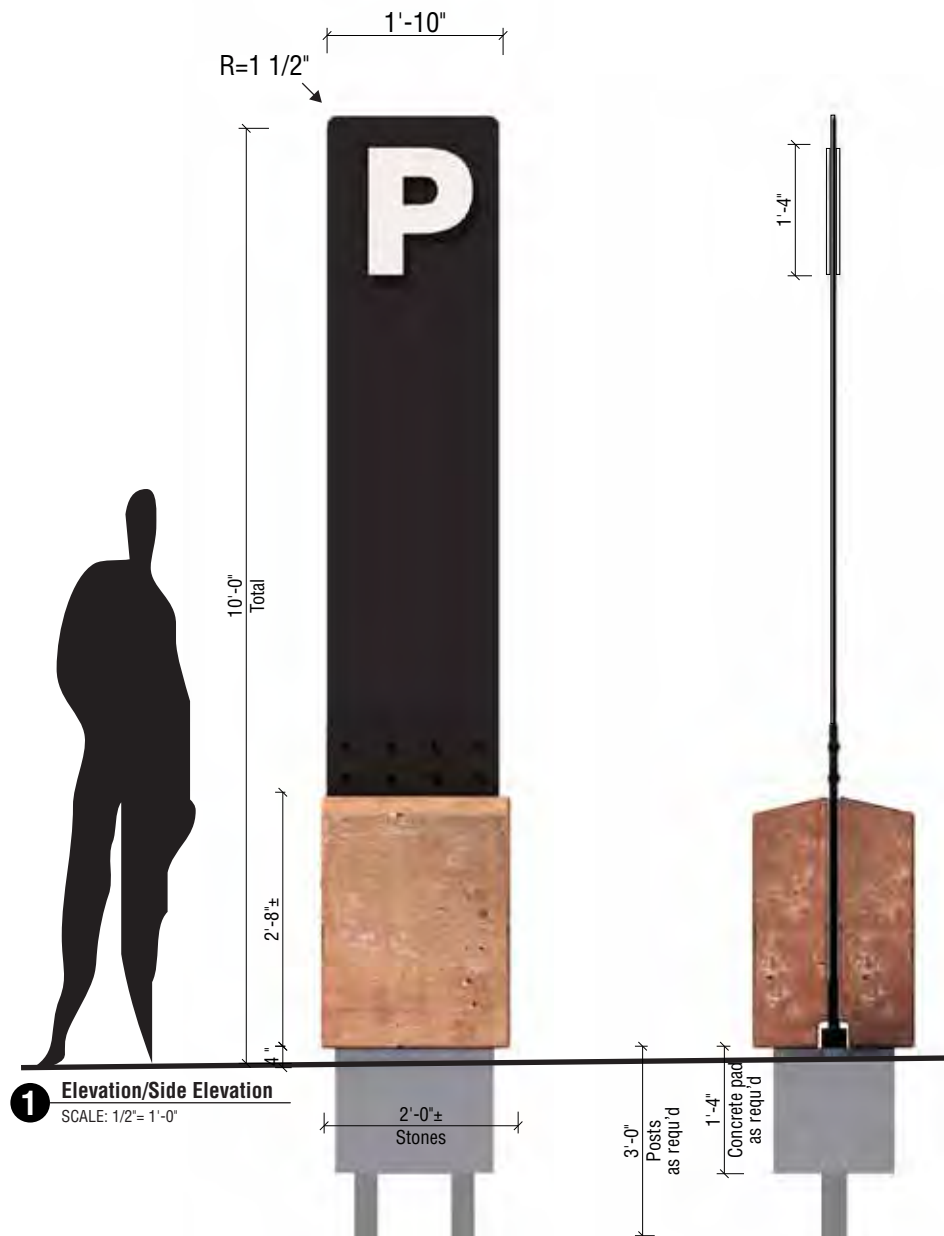


2 Partially Exploded View
SCALE: NTS

Room I.D. Restrooms



KEY PLAN



Non-illuminated sign assembly with reflective graphics.

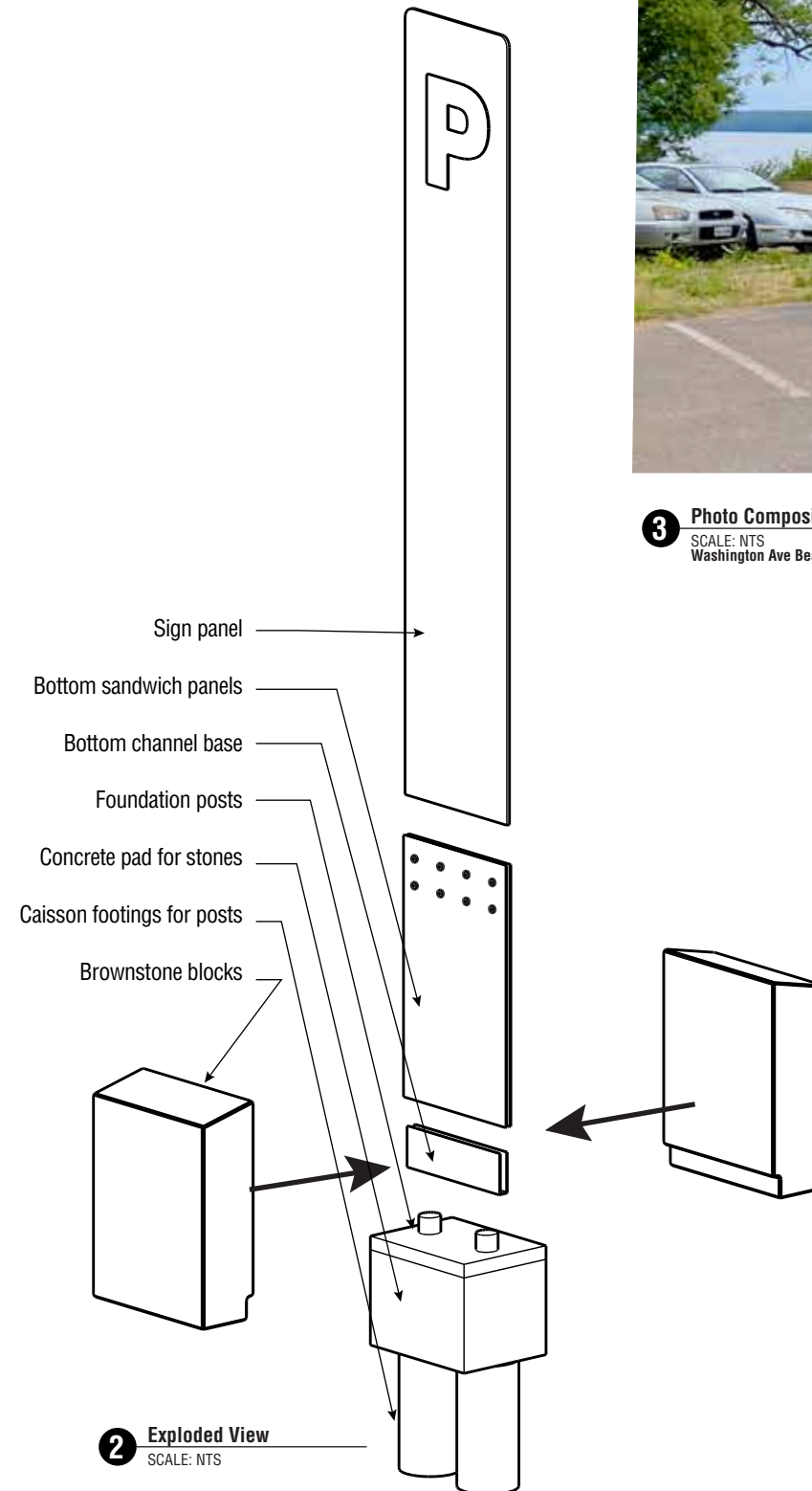
1/2" Plate steel sign panel painted P.2 (85% Black) all visible surfaces. Sign panel has a cut-out 1/4" plate metal P icon pinned 1/8" off each surface. Numeral to be painted P.3 (White) all visible surfaces. Face of numerals to receive Reflective White vinyl, V.1, for night time legibility.

Sign panel is sandwiched at bottom by a pair of 1/4" plates, one on each side, painted P.2 (85% Black) all visible surfaces, with the exposed portion having expressed black finish barrel-head fasteners. Additional flush countersunk fasteners (behind rock) as required to completely secure the (3) plates together.

Plate assembly is held at the bottom by a fabricated channel base that is securely fastened to foundation posts.

(2) 3" Foundation posts, set in concrete caisson footings, below grade as required to then pour a concrete pad for the brown stone base. Posts emerge from top of pad to accept channel base and panel assembly.

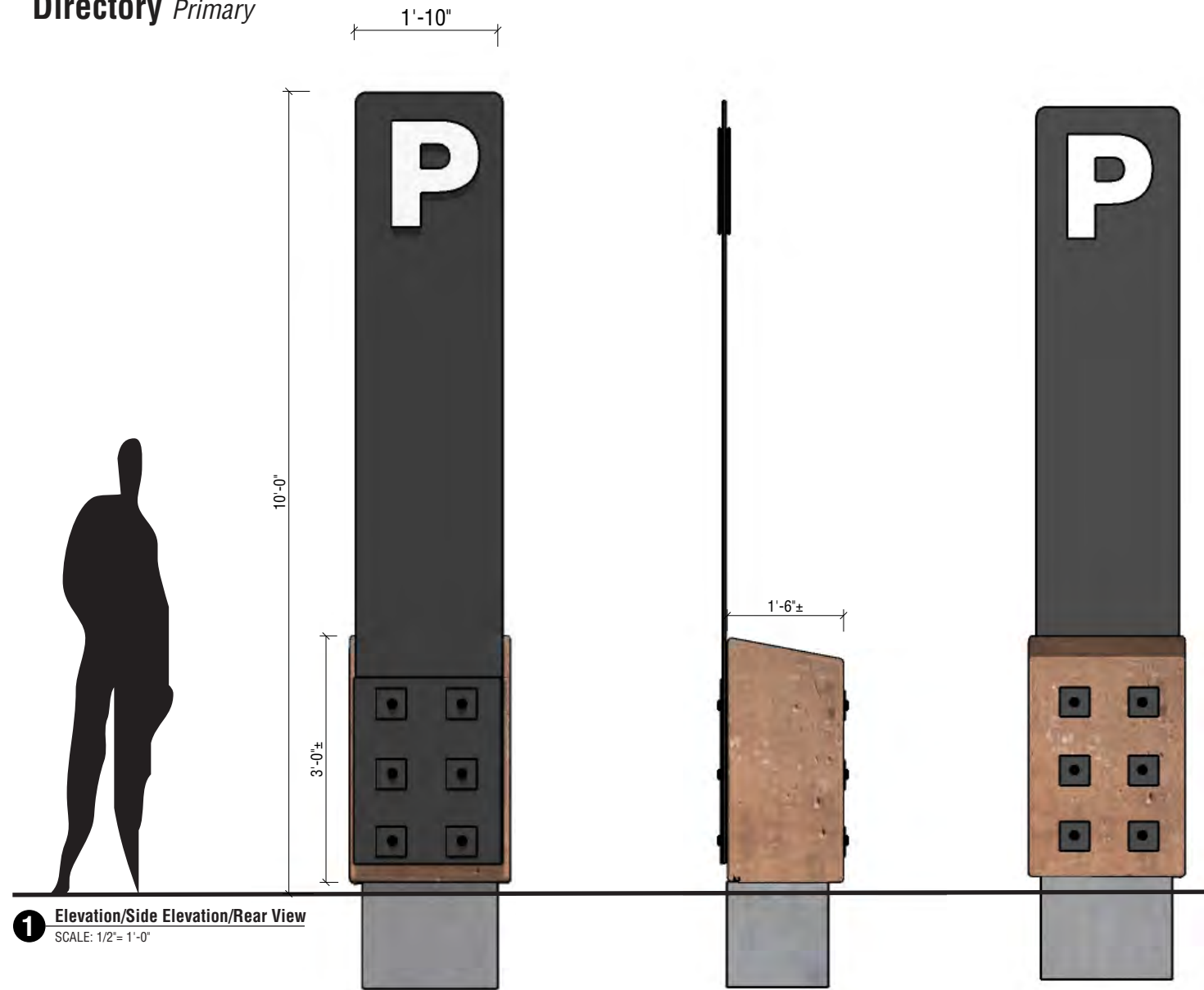
Large Brownstone blocks placed on each side of panel assembly that meet together as flush as possible. Blocks may be required to be notched at the bottom to allow for the channel base/foundation posts. Top surfaces of stones to be angled slightly, away from the center. Stones to be secure/anchored as required.



3 Photo Composite
SCALE: NTS
Washington Ave Beach Parking



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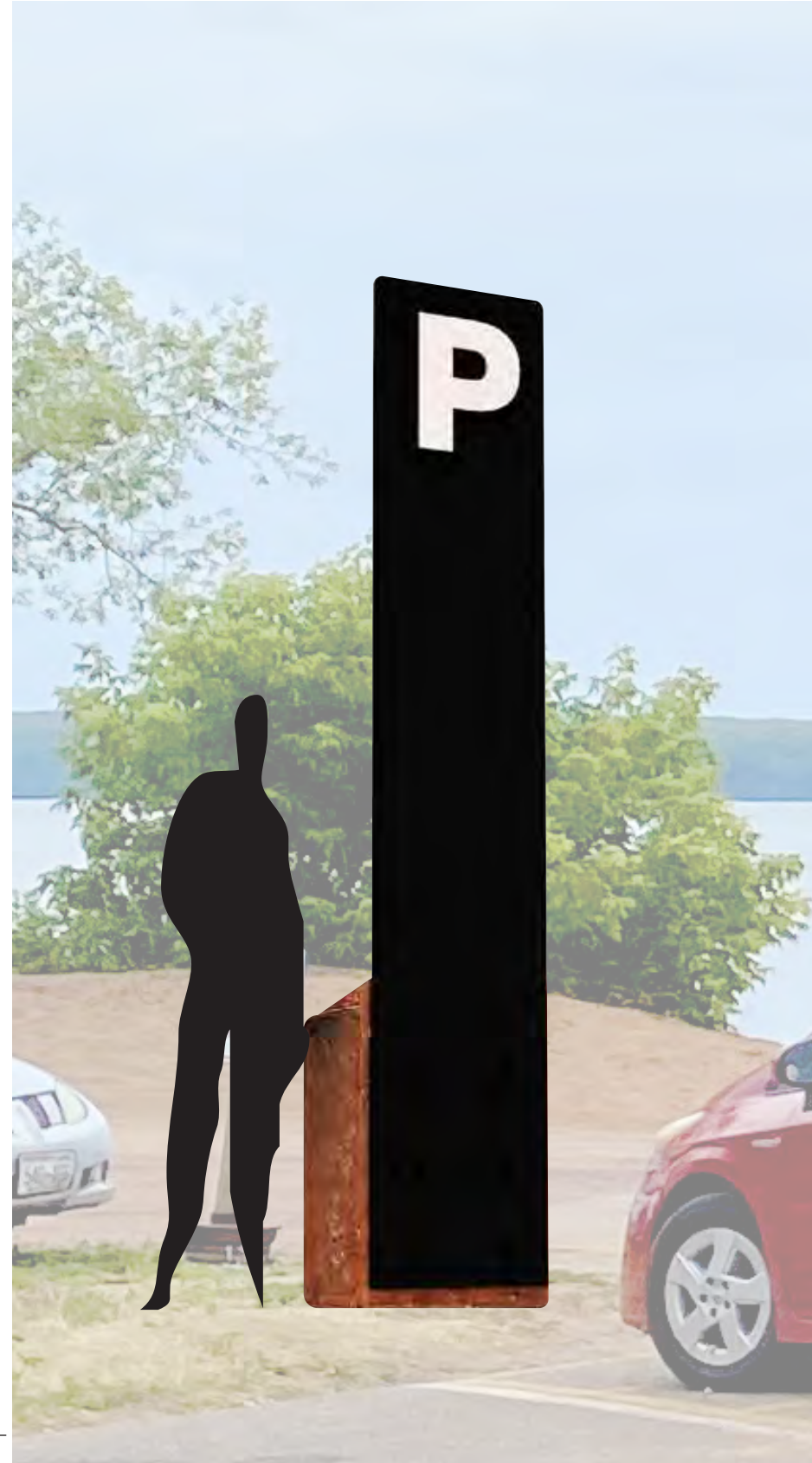
1 Elevation/Side Elevation/Rear View
SCALE: 1/2" = 1'-0"

If it is determined that the stone is structurally sound, this direct attachment option may be a possibility.

1/4" Lower face plate and 1/2" sign panel are fastened directly to the face of the stone base. Through-bolts pierce through the stone and fasten connect to star or square anchor plates on the opposite side.

Stone is set upon, and secured to a poured concrete pad, depth as required.

2 Perspective
SCALE: NTS

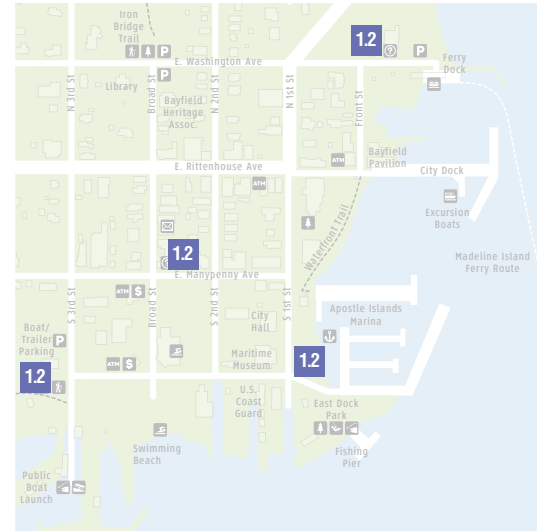


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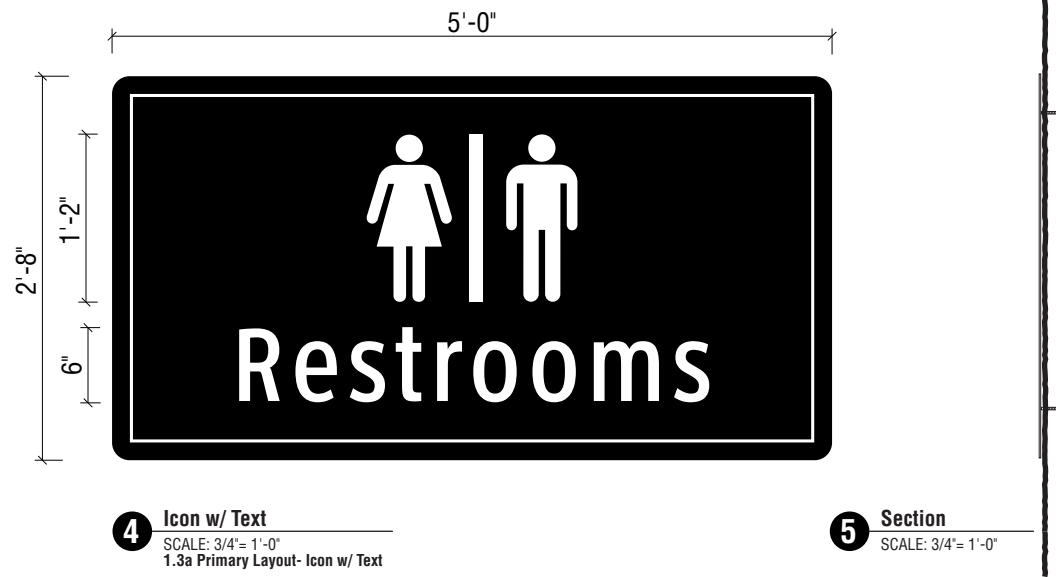
Design
Development

Facility I.D.
Parking ALT.



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"

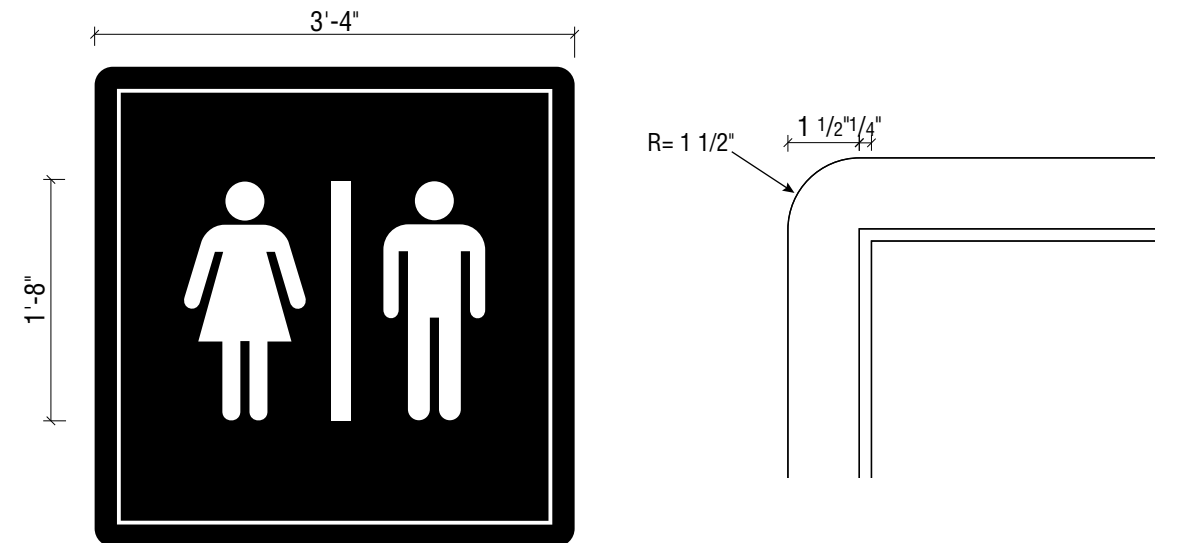


6 Photo Composite
SCALE: NTS



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

Sign to be centered between the two doors, aligning with their tops.



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.

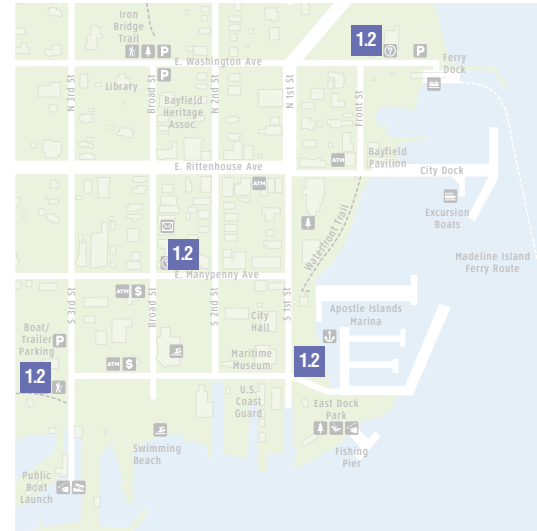
3 Elevation Detail
SCALE: 3"= 1'-0"
Border Detail

Sign panel to have 1 1/2" radius corners

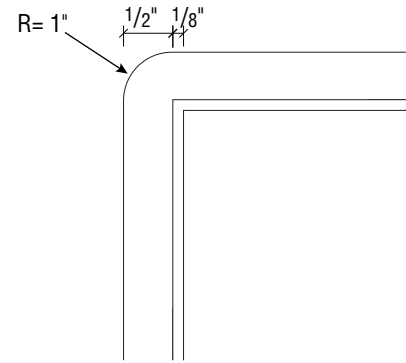
1/4" White border, with square corners, to be inset 1 1/2"



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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

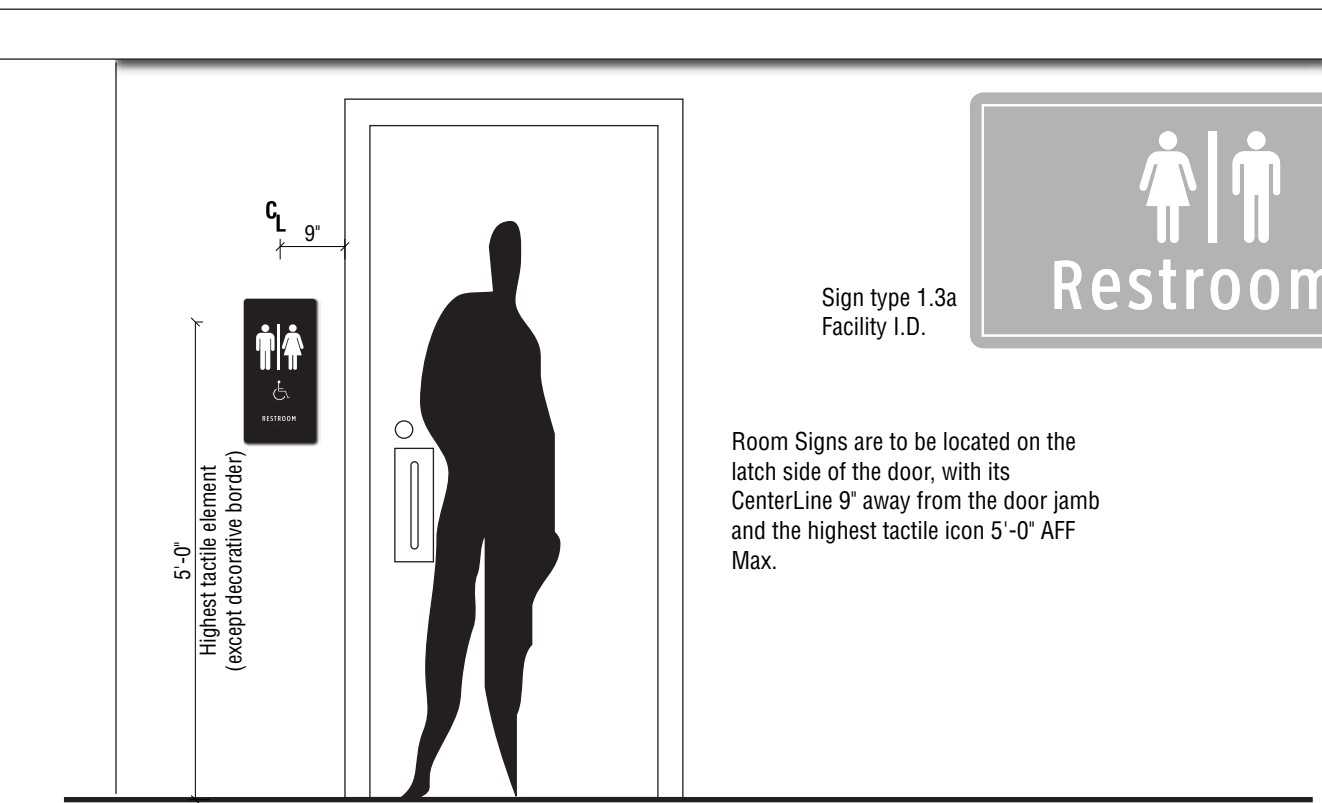


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03.20.2023

Design
Development

Room I.D.
Restrooms



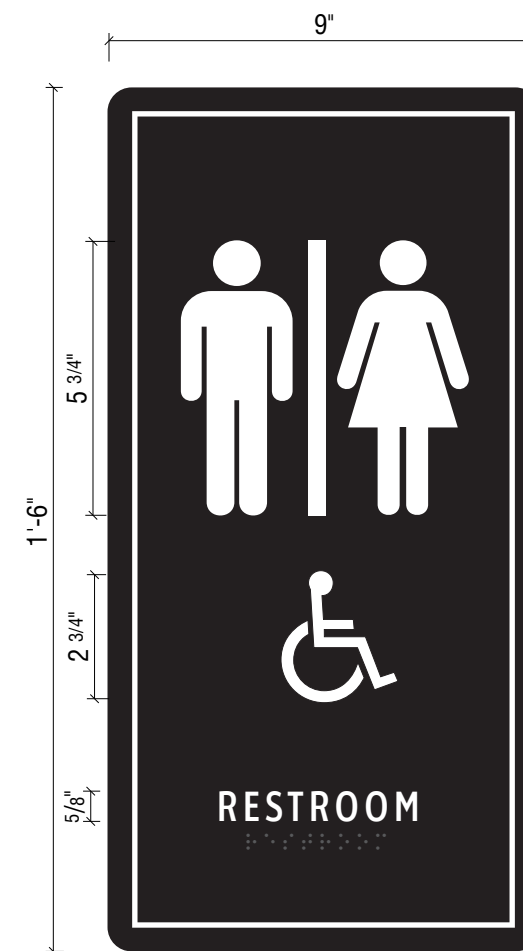
1 Elevation
SCALE: 1/2"= 1'-0"

ADA-Compliant Tactile sign.

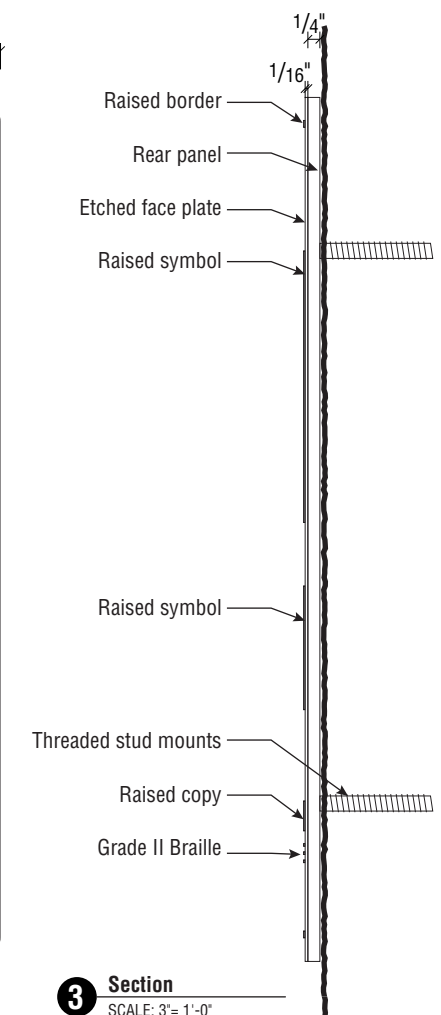
1/4" Plate aluminum rear panel, painted P.1 (Black), all visible surfaces.

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.

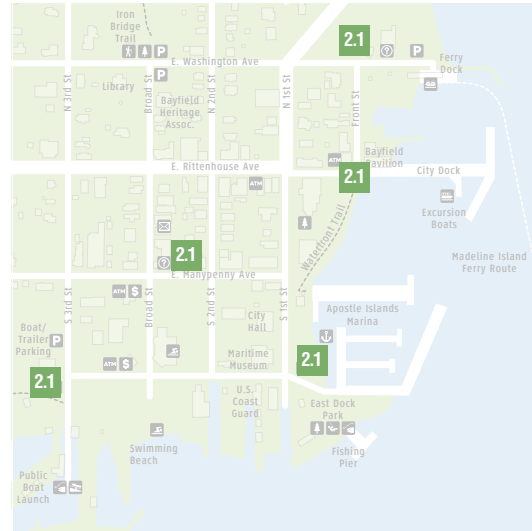


2 Elevation
SCALE: 3"= 1'-0"



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

Directory Tertiary



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

KEY PLAN

Butcher block profile assembly supported by Brown Stone base. TBD: stone may be veneer slabs or stones from the Town's material reserve, colored rock-face CMU units or form-cast colored concrete.

Stone base is set upon tube stock feet to allow for a forklift or suspension strap access for relocation.

Directory panel is a printed HPL (High Pressure Laminate) panel fastened to a rear panel that is secured to the angled top portion of the fabricated top cap for the base. For changes/updates, only this panel requires replacing.

International symbol icon plaques on each side of base.



1 Perspective
SCALE: NTS



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

Large, monolithic stones can be saw-cut into veneer slabs, assembled over base form and secured with grout.



2 Perspective
SCALE: NTS

There may be enough similarly sized blocks to assemble bases from blocks.



Value-Engineering (VE) may direct us to a more economical solution- rock-face colored CMU blocks.



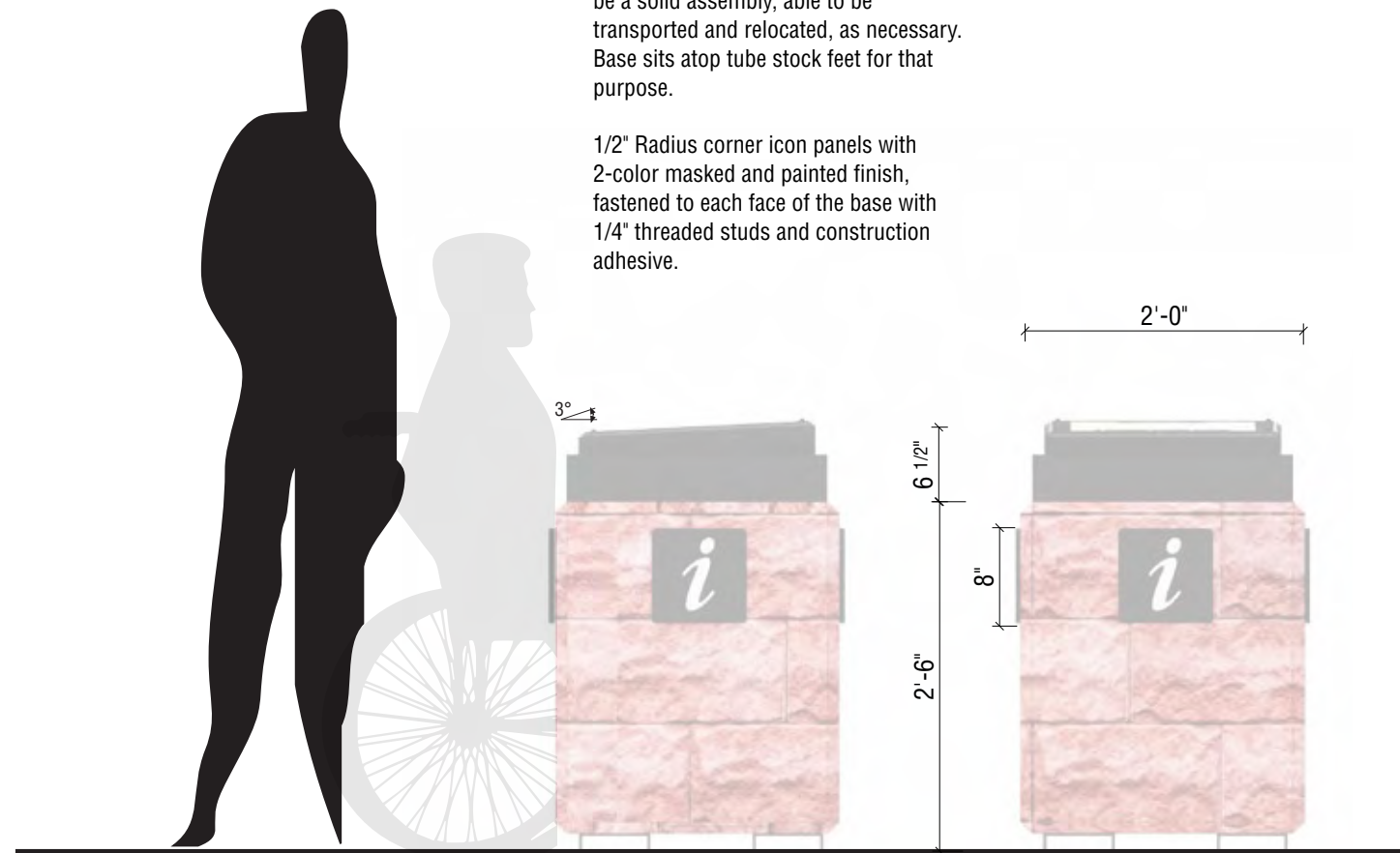
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WAY FINDING SIGNAGE MASTER PLAN

Date Issued
03.20.2023

Design
Development

Directory
Primary

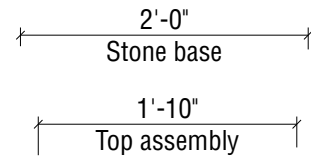


1 Side Elevation/Elevation
SCALE: 3/4" = 1'-0"

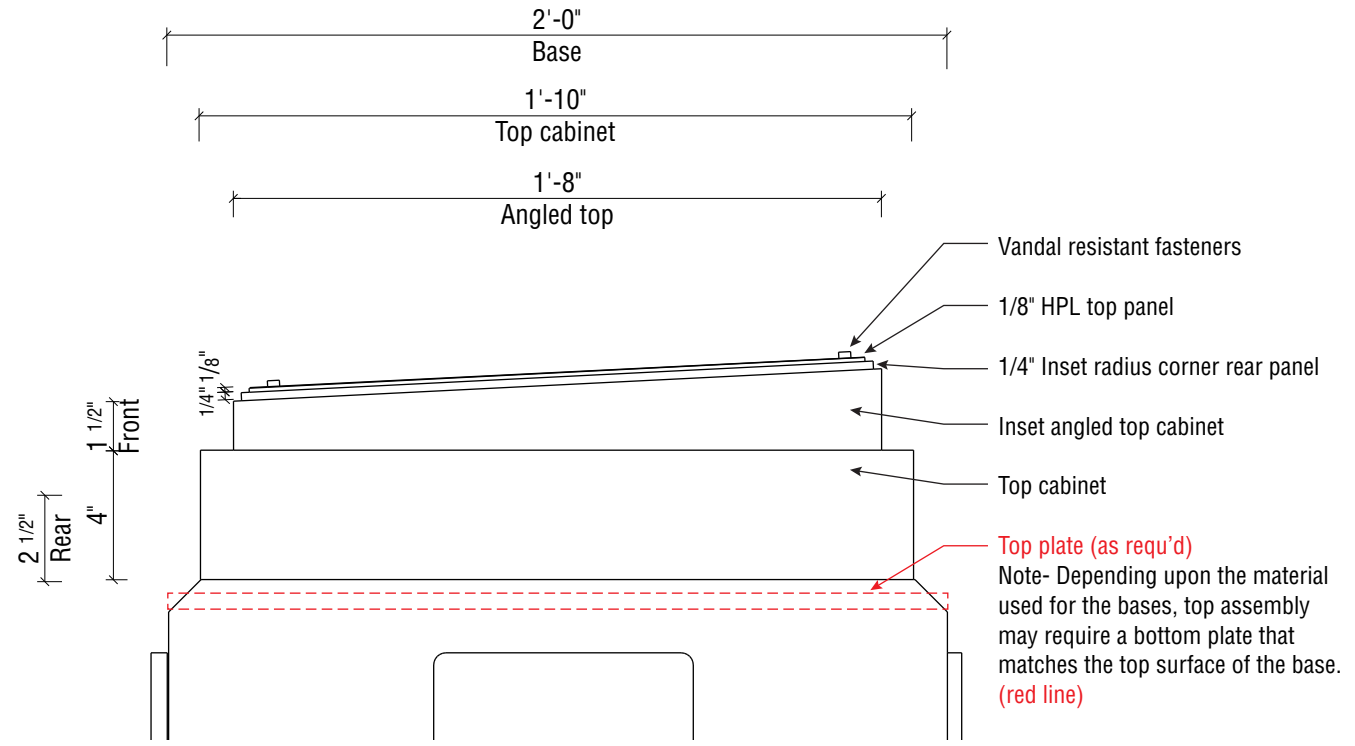
Fabricated top cap assembly with HPL panel fastened to its top.

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.

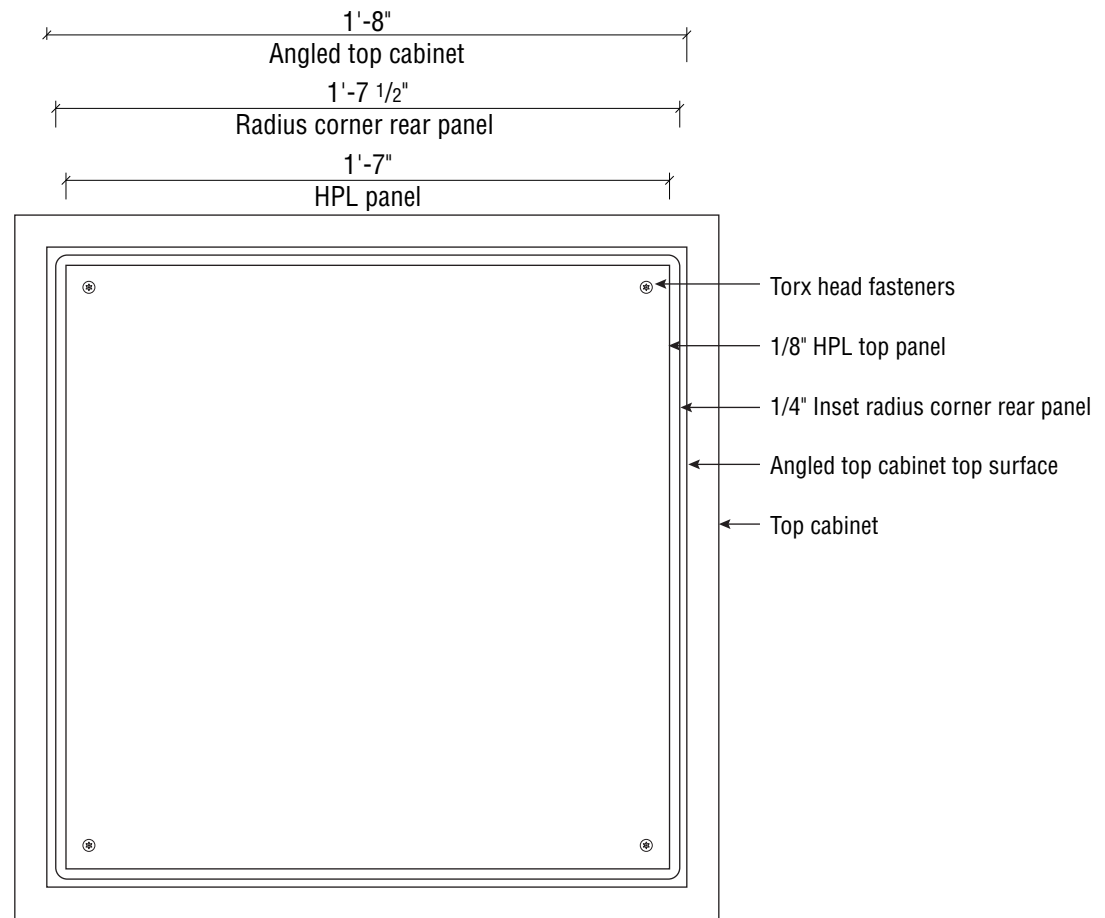
1/2" Radius corner icon panels with 2-color masked and painted finish, fastened to each face of the base with 1/4" threaded studs and construction adhesive.



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

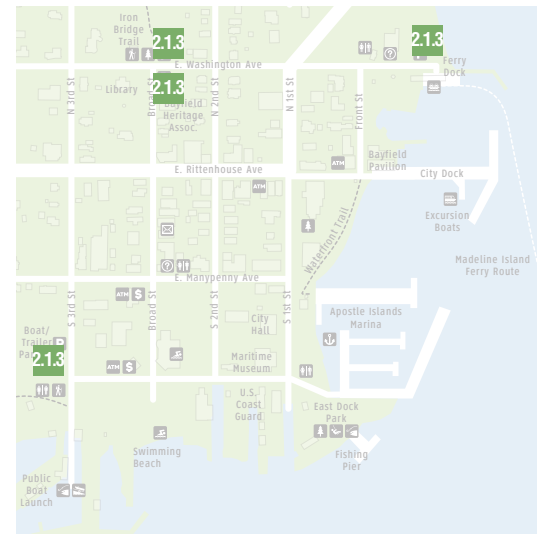


4 Section Detail
SCALE: 2" = 1'-0"

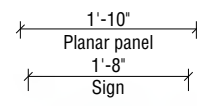


2 Plan
SCALE: 2" = 1'-0"

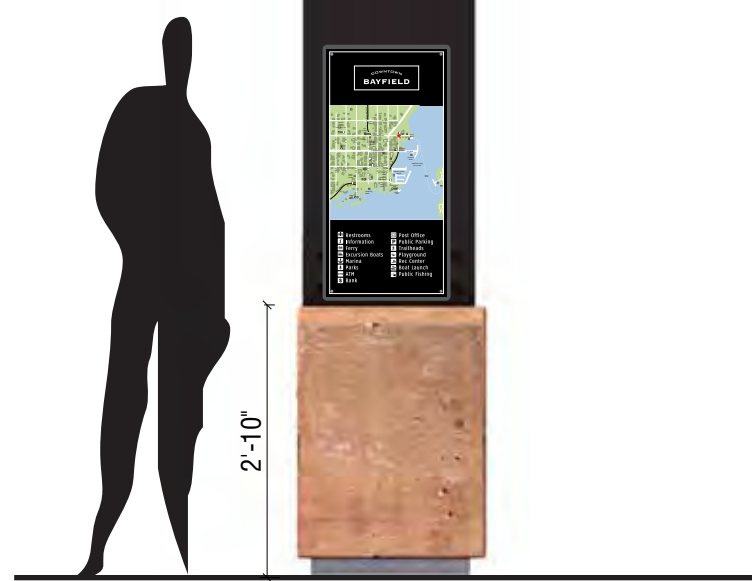
Directional Pedestrian



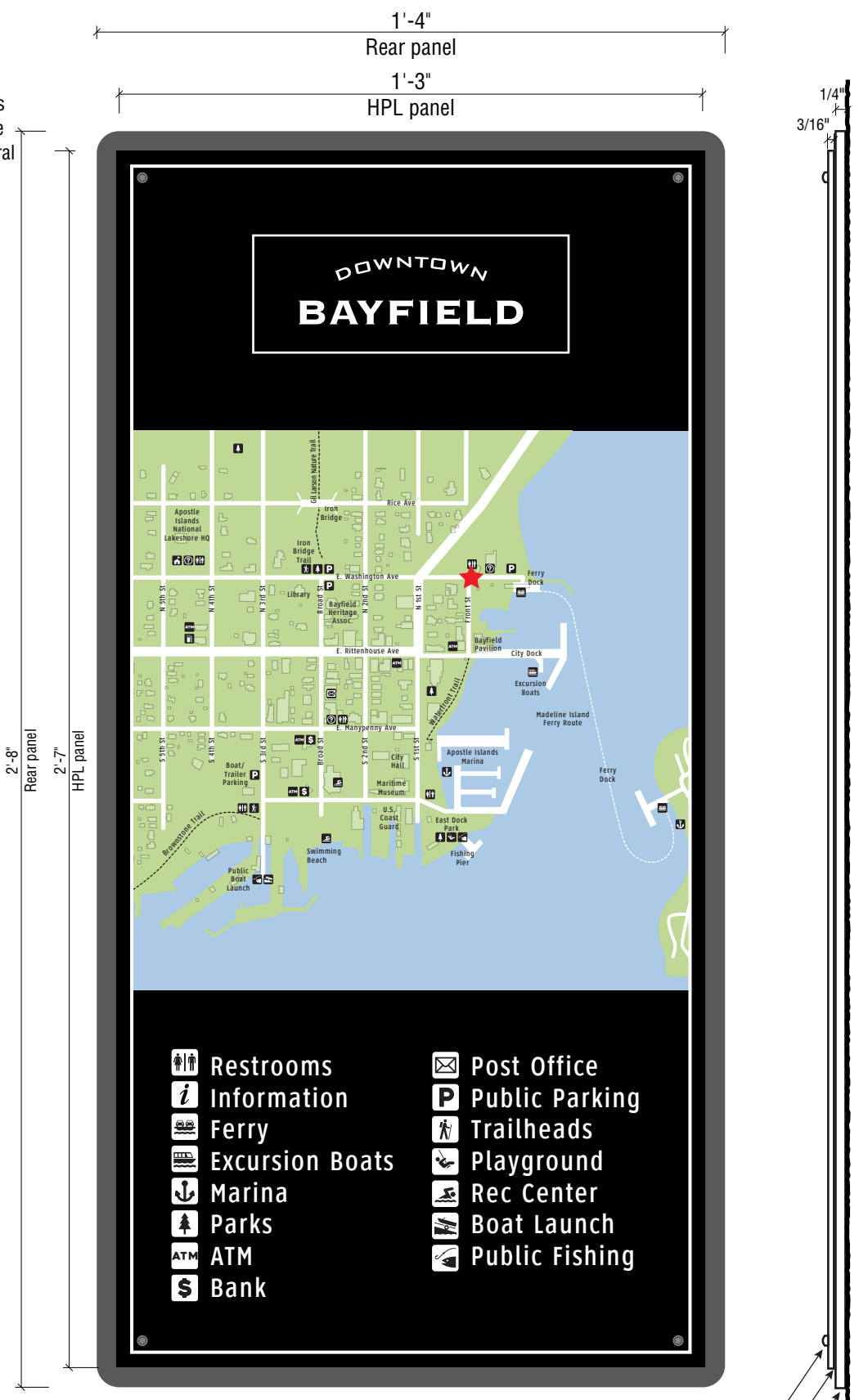
KEY PLAN



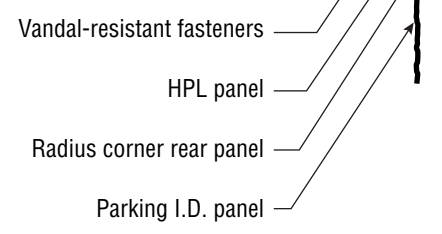
These smaller and less expensive units can be located at the peripheral parking areas.



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



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



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.



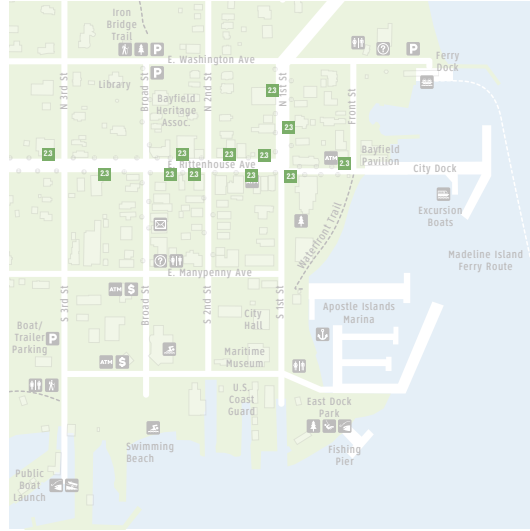
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WAY FINDING SIGNAGE MASTER PLAN

Date Issued
03.20.2023

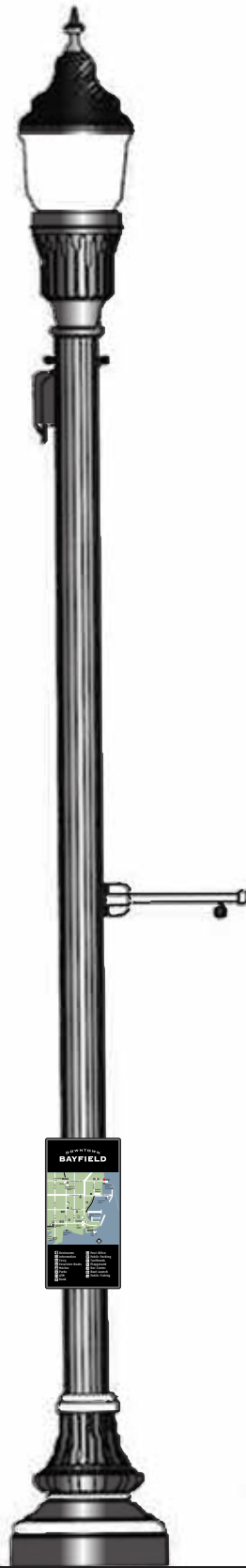
Design
Development

Directory
Secondary

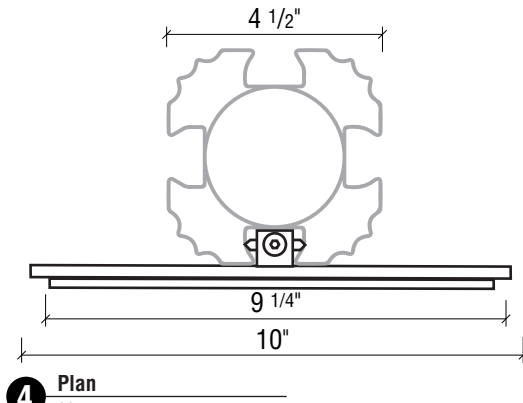


KEY PLAN

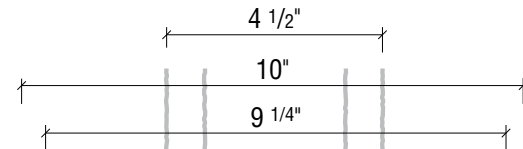
A strategy needs to be determined with these:
one per block per side?
Two per block?



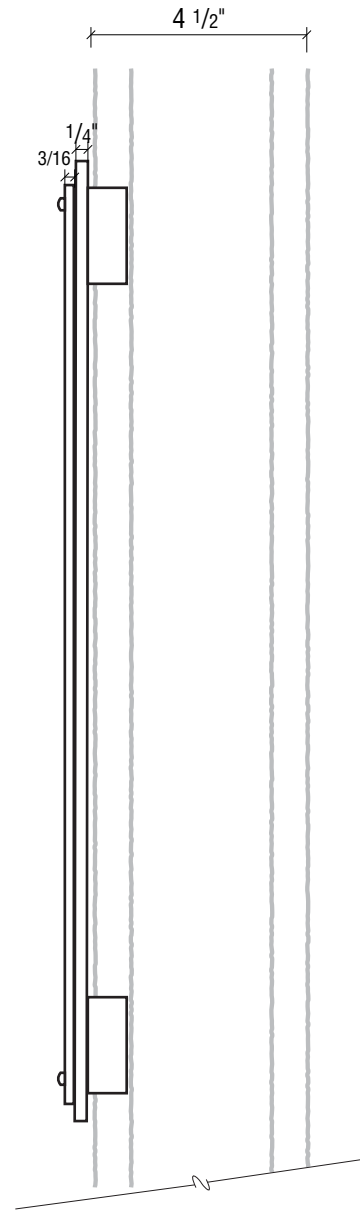
1 Elevation
SCALE: 1/2" = 1'-0"



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



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



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



5 Photo Composite
SCALE: NTS

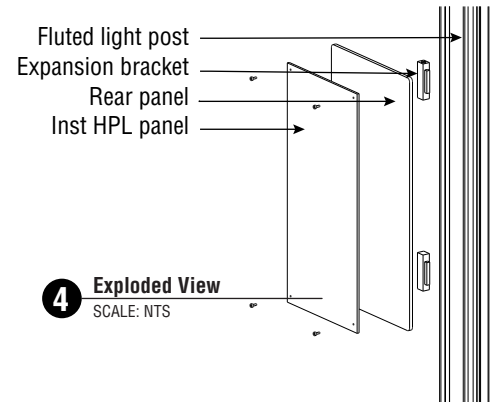
Post-mounted 2-layer sign assembly.

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.

Deduct Alt. - Sign assemblies are secured with a typical, black-finish Band-It type product.



4 Exploded View
SCALE: NTS

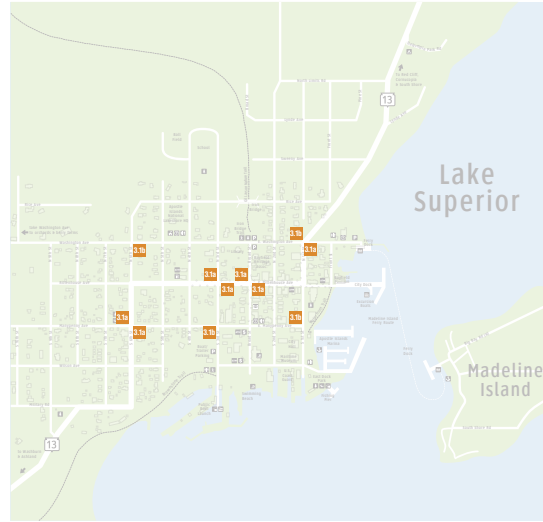


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Date Issued
03.20.2023

Design
Development

Directory
Tertiary



KEY PLAN



1 Elevation
SCALE: 1/2" = 1'-0"
3.1a Existing Structure
City Lamp posts

Community Wayfinding Signs

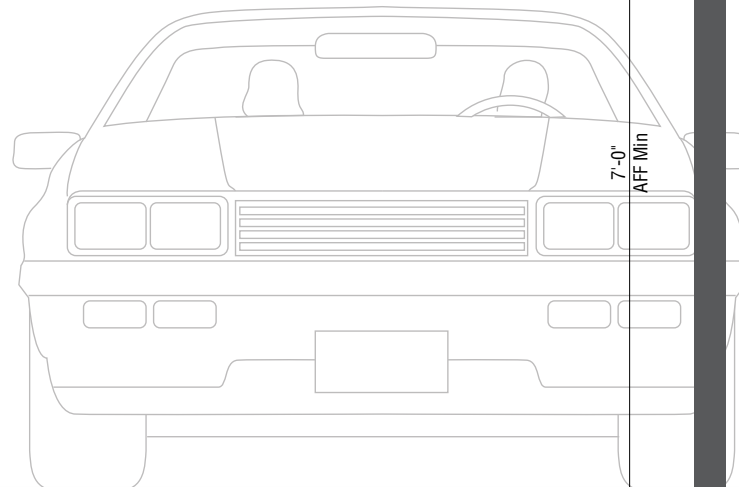
Need to follow Wis DOT specifications:

- 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.

- Community name panel is optional, must be legible.
- Border for either panel is optional. No requirements for radius corners.
- Arrows must be at the left of the Destinations (layout at left is not allowed, we do not have room for both text and icons)

These regulations state that the arrow is to be placed on the side to which it points. They do not specify whether or not it can be above the destination icons.

Using only international symbols, these messages become much more pronounced..



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



3.1c New Structure
2" Steel posts painted Black



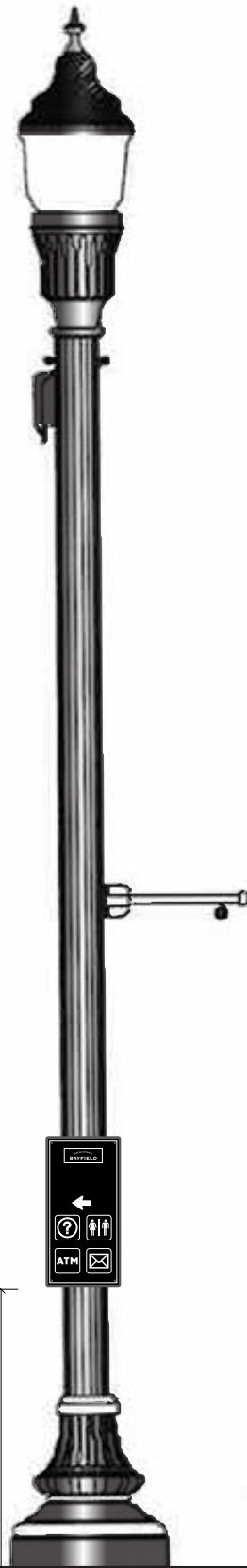


KEY PLAN

Alternatively, the City's light posts can be used for specific Directional messaging rather than the general Directory plan.

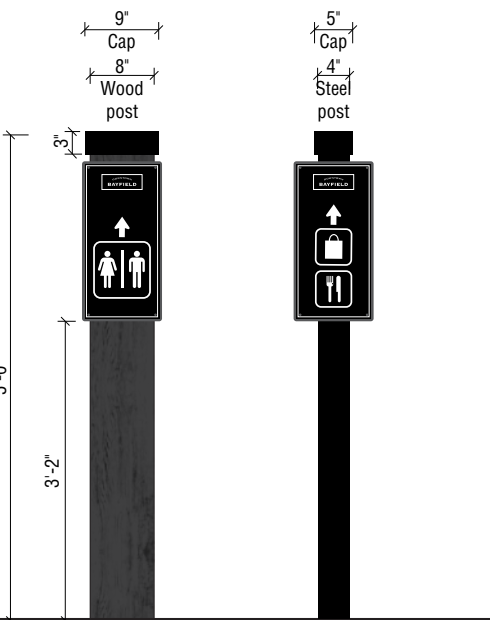
Singular or multiple destinations can be used.

Single or multiple panels may be used as well.



3.2a Existing Structure
City Lamp posts

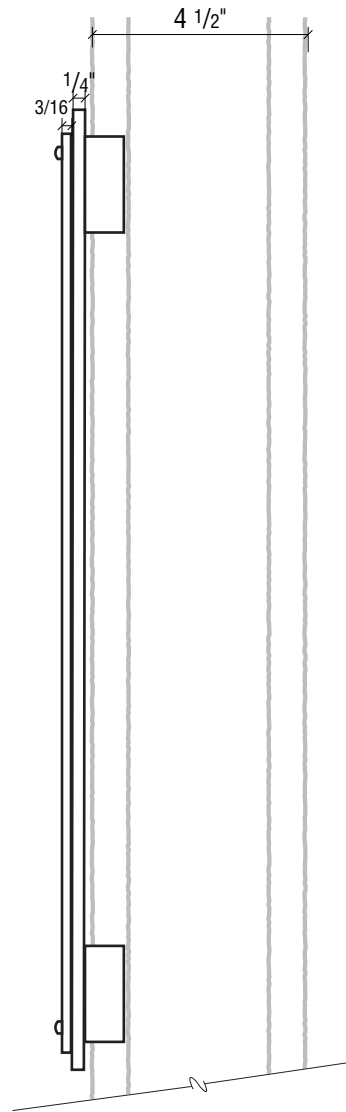
1 Elevation
SCALE: 1/2" = 1'-0"



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)

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



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

Post-mounted 2-layer sign assembly.
(Same construction as Sign Type 2.3)

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 panel, painted P.1 (Black) all visible surfaces, is mechanically fastened to the rear panel with vandal-resistant hardware. Masked and painted graphics, P.3 (White).

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.

Deduct Alt.- Sign assemblies are secured with a typical, black-finish Band-It type product.

For locations without lamp posts, signs to be secured to an 8" cedar post with a Dark Gray or Black stain finish or a 4" square steel post painted Black. Posts to have a fabricated metal cap, painted Black.



4 Elevation
SCALE: 2" = 1'-0"
Icon variations



Signs can encourage exploration off the beaten path.

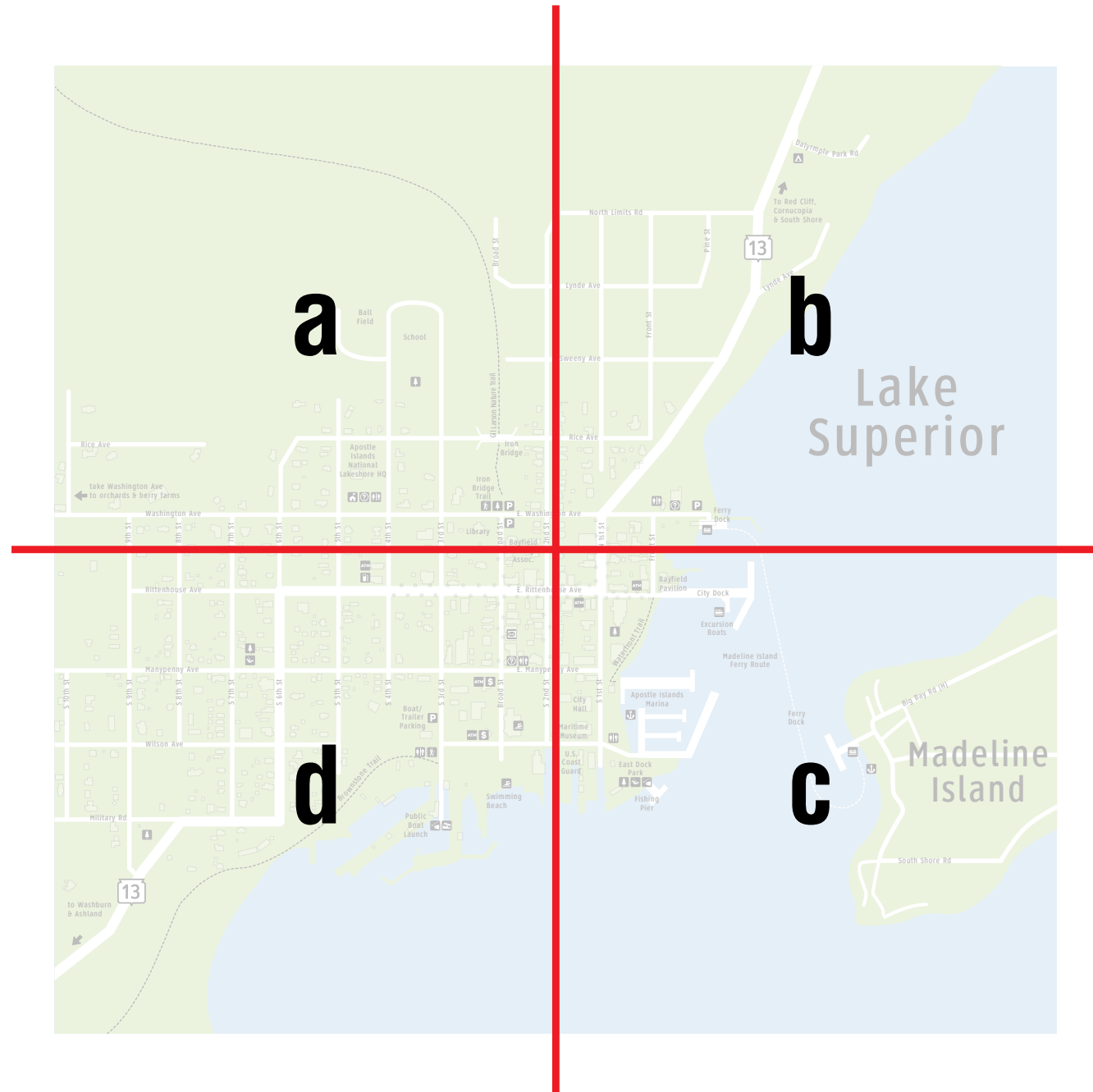


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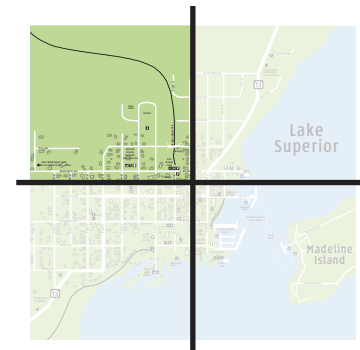
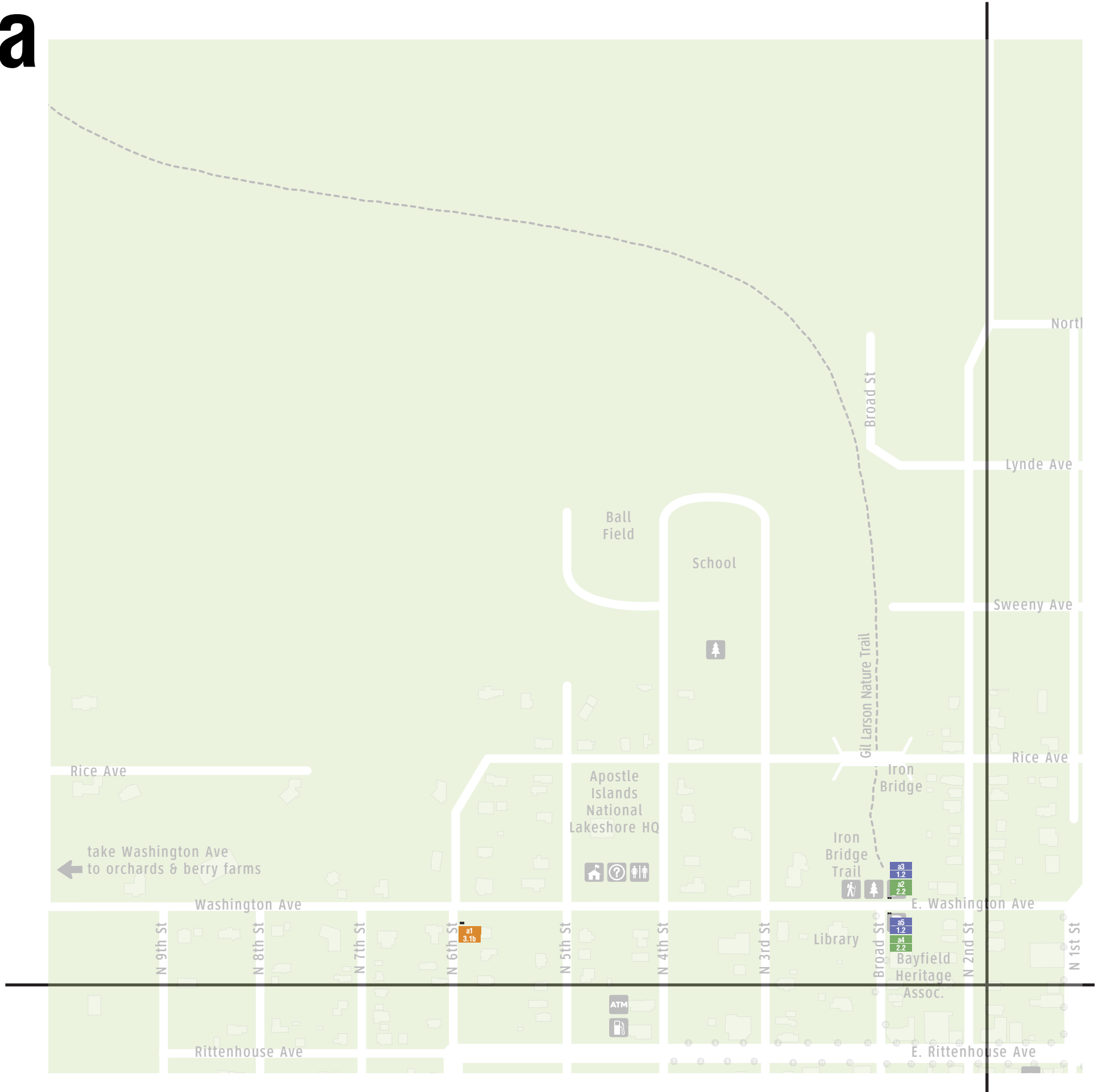
Directional
Pedestrian



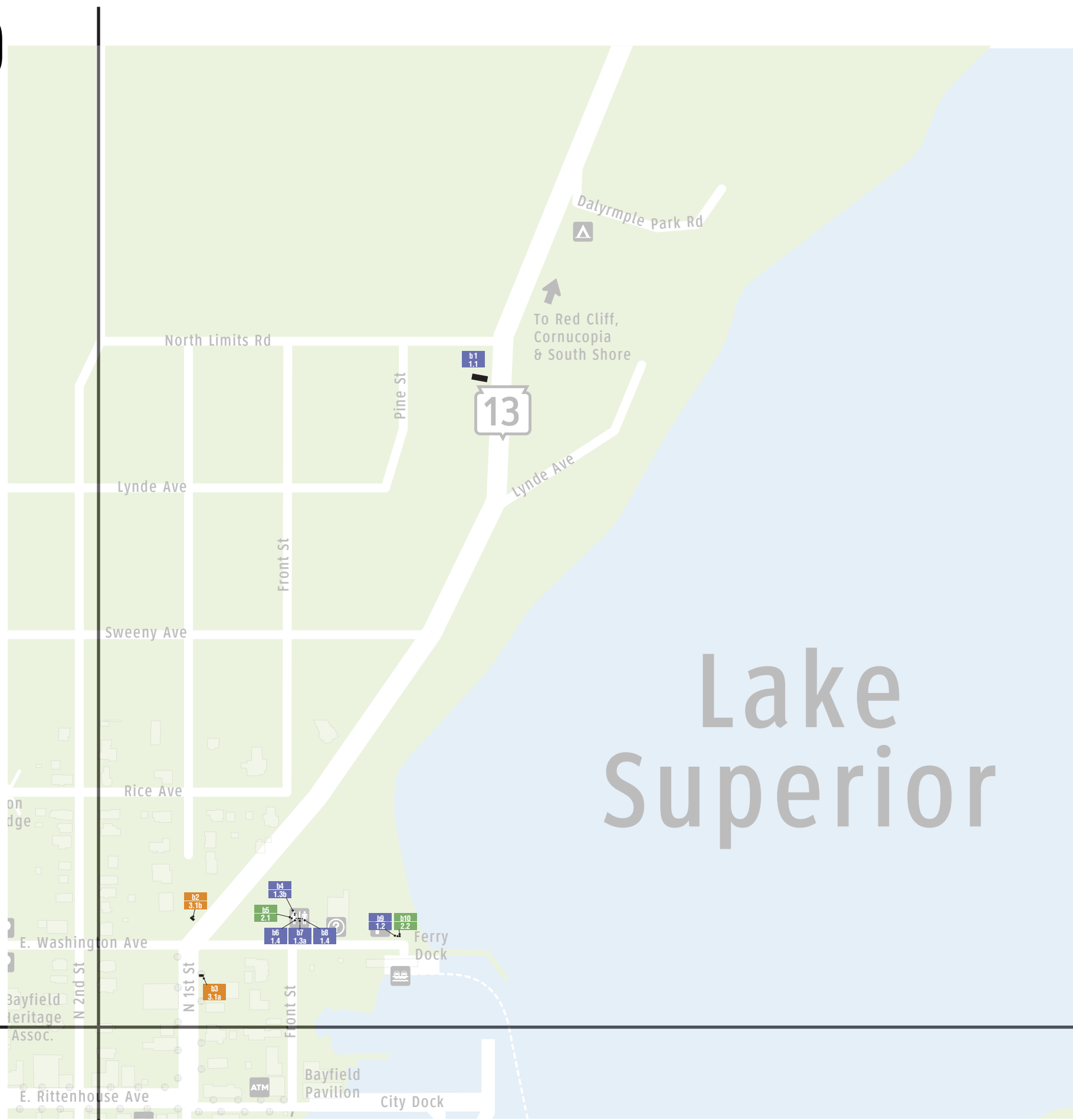


a

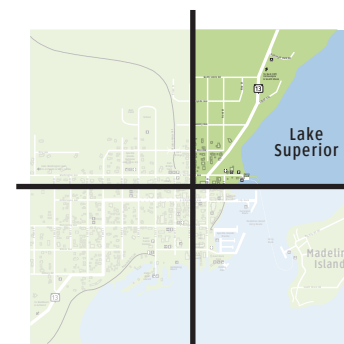
Loc.	Type	Message
a1	3.1b	→ Parking
a2	1.2	P
a3	2.2	(Secondary Directory)
a4	1.2	P
a5	2.2	(Secondary Directory)



- 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)
b9	1.2	P
b10	2.2	(Secondary Directory)

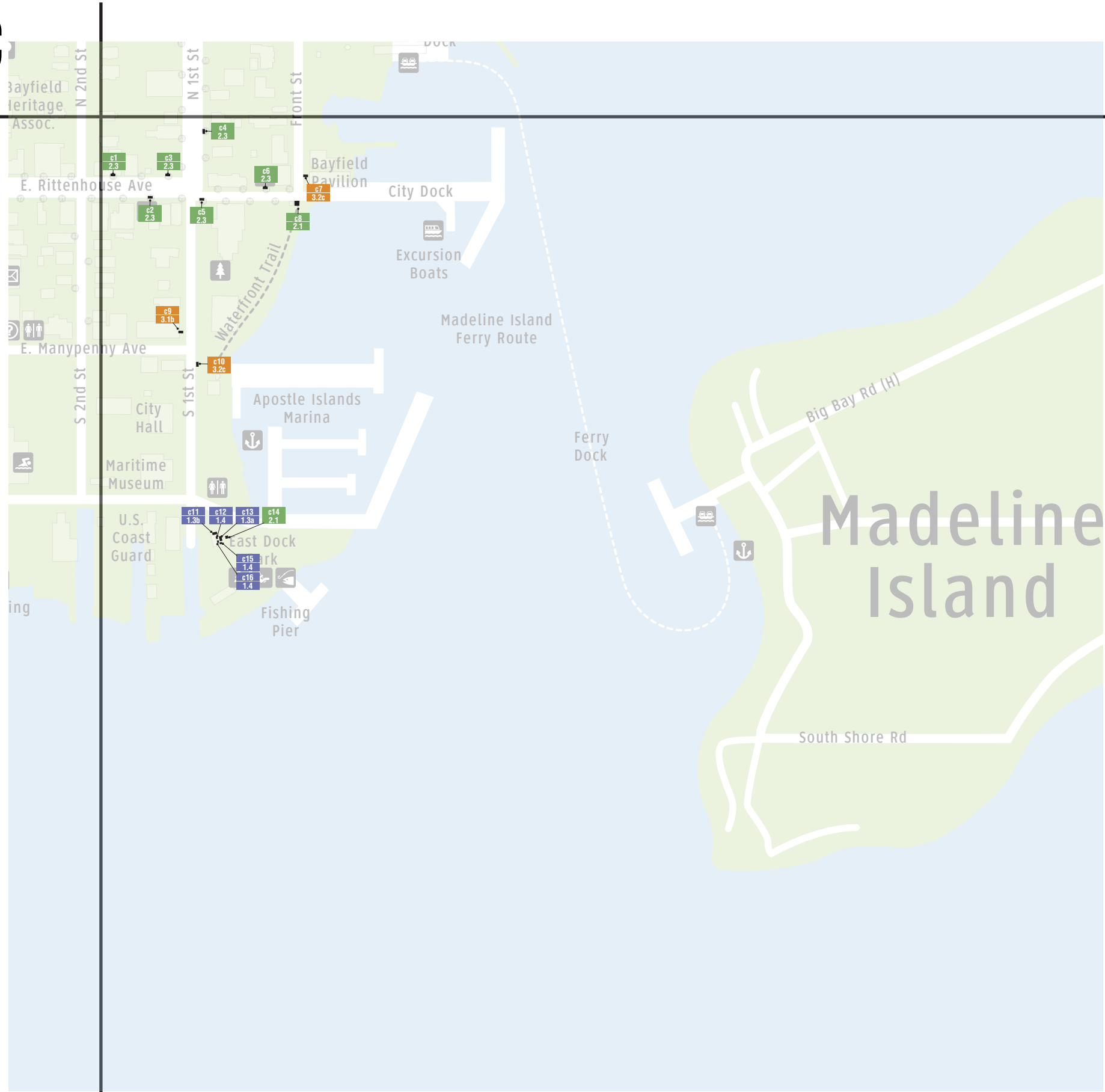


- IDENTIFICATION**
- 1.1 Entry I.D.
- Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.
- INFORMATIONAL**
- Directory
- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary
- DIRECTIONAL**
- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir



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	↑ ♿ ↑ ♿ ↑ ♿
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**
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WAY FINDING SIGNAGE MASTER PLAN

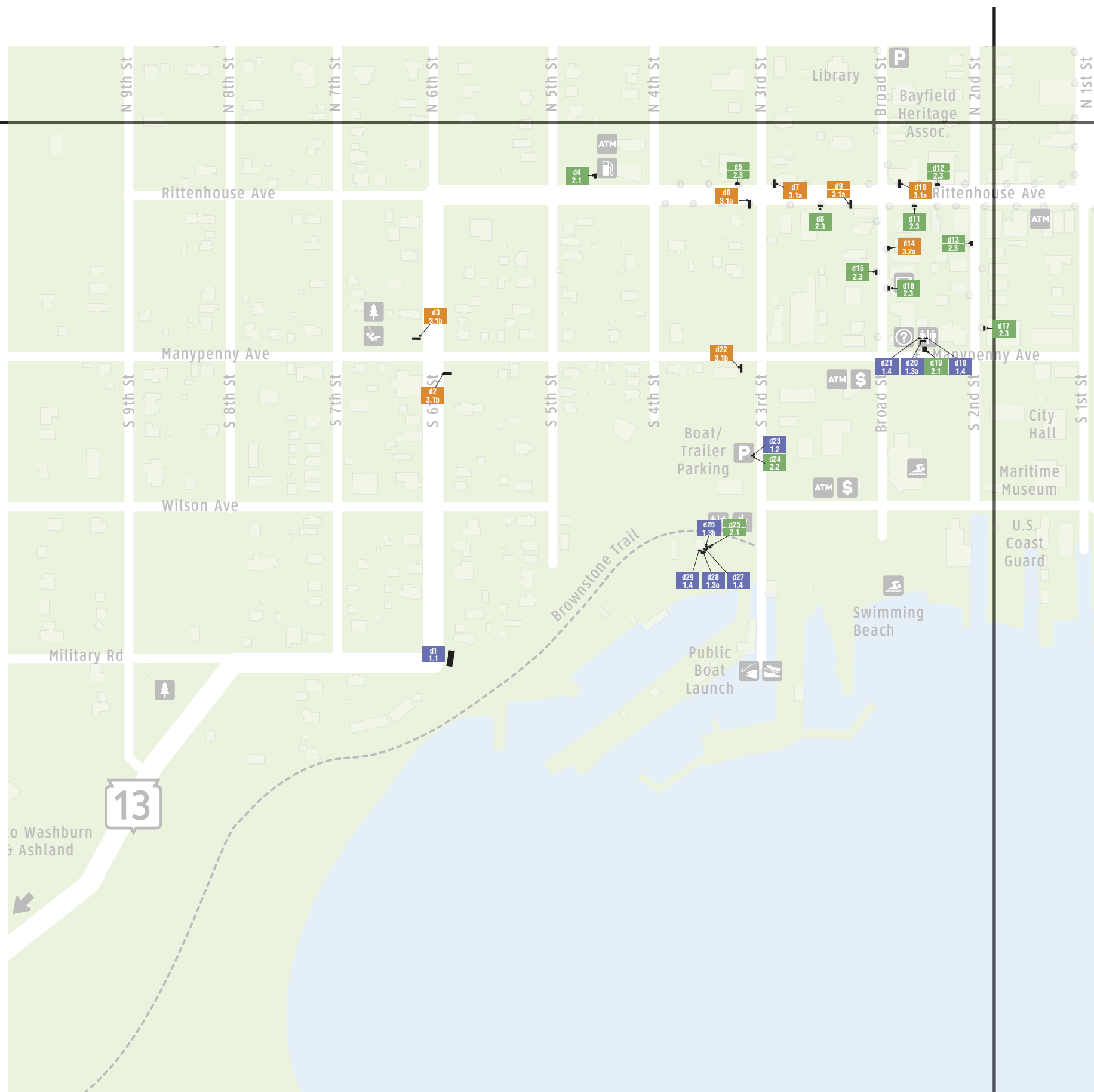
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Location Plans

C

lp.c



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] [Person Icon] [Person Icon]
d15	2.3	(Tertiary Directory)
d16	2.3	(Tertiary Directory)
d17	2.3	(Tertiary Directory)
d18	1.4	[Person Icon] [Person Icon] [Person Icon] RESTROOM (Grade II Braille)
d19	2.1	(Primary Directory)
d20	1.3a	[Person Icon] [Person Icon] Restrooms
d21	1.4	[Person Icon] [Person Icon] [Person 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] [Person Icon] [Person Icon] RESTROOM (Grade II Braille)
d28	1.3a	[Person Icon] [Person Icon] Restrooms
d29	1.4	[Person Icon] [Person Icon] [Person Icon] RESTROOM (Grade II Braille)

IDENTIFICATION

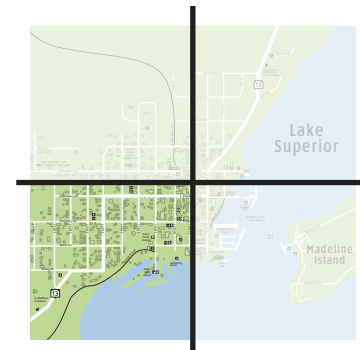
- 1.1 Entry I.D.
Facility I.D.
- 1.2 Parking
- 1.3 Restrooms
- 1.4 Room I.D.

INFORMATIONAL

- 2.1 Primary
- 2.2 Secondary
- 2.3 Tertiary

DIRECTIONAL

- 3.1 Vehicular Dir
- 3.2 Pedestrian Dir



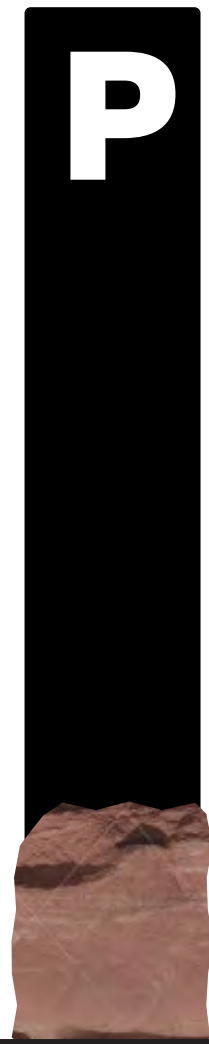
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I D E N T I F I C A T I O N



1 Elevations
SCALE: 1/2"= 1'-0"
Identification

1.2 Parking I.D.

1.3a Restroom I.D.
Primary Layout

1.3b Restroom I.D.
Secondary Layout

1.4 Room I.D.
Restrooms

I N F O R M A T I O N A L



2 Elevations
SCALE: 1/2"= 1'-0"
Informational

2.1 Directory- Primary
Strategic locations

2.2 Directory- Secondary
Parking Lot I.D. signs

2.3 Directory- Tertiary
Street lights

D I R E C T I O N A L



3 Elevations
SCALE: 1/2"= 1'-0"
Directional

3.1 Vehicular Directional

3.2 Pedestrian Directional



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