

City of Tillamook & Tillamook Area Chamber of Commerce Gateway Signage and Park Kiosk Project

Addendum

Design-Intent Drawings & Design Specifications

Lennox Insites and Partners in Design
September 2017

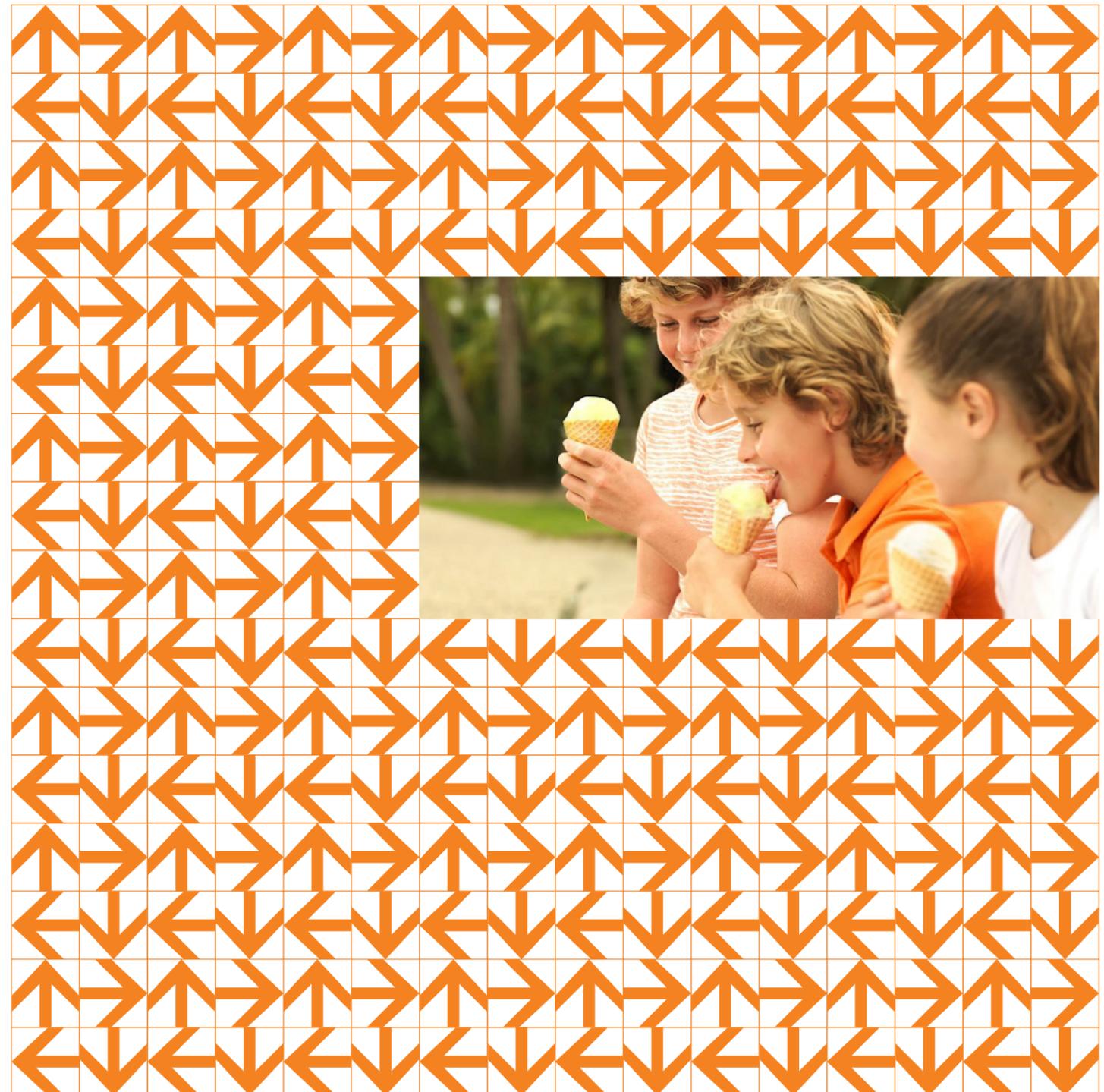


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Building the Plan

The purpose of these design-intent drawings and specifications is to record and communicate design decisions so the prospective sign fabricators can prepare estimates for fabrication and installation. This document provides a comprehensive overview of the wayfinding system of signs, spelling out what the fabricator needs to know in order to build and install the program.

In most cases, the Design-Intent Drawings depict the front, top, and side views of signs and are to scale—to be properly interpreted by sign fabricators. Design-Intent drawings depict how the signs will look and how they will function, without determining each and every connection or detail. This allows experienced sign fabricators some leeway in the program's execution and permits them to recommend the best approach.

The designer states the required sign performance and design objectives, and entrusts the vendor with quality control. That fabricator (primary company, and including any subcontractors) bears responsibility for the system's overall integrity by assuming authorship of the final detailing and engineering, and manufacturing the actual product, which must be reviewed and accepted by the client before fabrication begins.

Engineering

Prior to fabrication, individual signs within the system will need to be engineered and construction drawings prepared. Those tasks are a part of the sign company's contract or subcontracted by the fabricator. In either case, construction drawings will be based on the design-intent drawings and specifications seen in this report.

It is imperative that the fabricator's engineer understands the program and will work with the designers to maintain design intent. Engineering for wind pressure, soil settling, and to some extent, occasional flooding will be a criteria for the engineering of this program.

Footing plans, to be provided by the fabricator, will require on-site review and approval per sign location.

Design Team Standards

- Shop construction drawings completed by the fabricator are to be based on design-intent drawing and specifications.

- Locations, dimensions and site conditions to be verified by the fabricator/installer.

- All hardware and fasteners to be vandal resistant.

- All paint finishes to be outdoor quality and NW coast appropriate.

Prototypes

It is often helpful to go through a prototype process prior to initiating a full contract.

This is a time when the designer, fabricator and client learn what they thought they knew but did not. The unique designs of the Tillamook program translate into unique fabrication solutions.

The most important part of the process is learning how the signs can be built in a cost efficient way and where improvement can be made in the use of materials and in specific design details. The goal for a prototype sign is not price, but defining a quality standard against which the program performance will be judged.

Sign Lighting

Electrical and lighting for sign illumination to be provided by the sign fabricator. Electrical sources to be supplied by the City of Tillamook. **Only the Gateway signs will have illumination.** Illumination can improve the visibility of signs at night, but can also create a "halo effect."

Down-lighting is more effective with less spill-over.

Solar powered lighting may be considered in locations where electrical source options are limited.

Digital Graphics

Graphics and sign messages will be digitally rendered by Partners in Design and will be available in either InDesign format or converted PDF files. Fonts will be made available to the fabricator.

About this Plan

Reading the Drawings and Resources:

Signage CONTENT, COLORS, TYPEFACES, SYMBOLS AND LAYOUTS will be specified and prepared by the design team and furnished to the fabricator. Color samples of reasonable size on equivalent material will be required for approval prior to fabrication.

All GRAPHICS such as those utilized on gateways, directionals, interpretive elements or orientation signage maps and photos, will be furnished to the signage fabricator in the form of electronic artwork. Graphics will be rendered by fabricator on shop drawings or separate proofs and sent to the design team and client for approval.

Quality Assurance

Design Criteria:

- These drawings are meant for DESIGN INTENT ONLY and are not for construction. Fabricator must verify and be responsible for all dimensions and conditions of the job. Fabricator shall be familiar with the site and conditions it presents. The client and design team must be notified of any variations from the dimensions and conditions shown on these drawing.

Details on design-intent drawings outline a construction approach for the proposed signs, but do not include detailing or information required for complete structural integrity of the signs. Written dimensions should be followed over scaled dimensions. It is the responsibility of the fabricator to provide the complete structural design of the signs and to incorporate all the safety features necessary to adequately support the signs for their intended use and must meet or exceed industry and local code engineering requirements. The sign fabricator shall submit engineer stamped calculations for foundations and other sign components that affect the structural design.

- SHOP DRAWINGS AND DETAILS must be submitted for approval prior to proceeding with fabrication. All copy shall be proofread and all legal and code requirements approved prior to fabrication.
- The signs must withstand abuse, theft and vandalism and adult physical force, at minimum the equivalent of no less than resisting simple hand implements and tools (screwdrivers, knives, coins, keys and similar items). All hardware and fasteners must be vandal resistant.
- Depending on the signage phasing, consider a prototype process prior to initiating a full contract for certain sign types.



Color

All colors are not used on every sign. Refer to Design-Intent Drawings for specific color useage.
 Finishes are noted on drawings. Final determination of finish and paint/ink/vinyl selection will be made in consultation with selected fabricator. Fabricator will compile a final coating list to be approved by the client and design team.

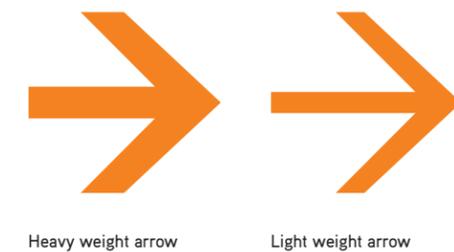
All colors are specified by Project Color Code and name; Pantone CMYK formula; and Pantone Solid Coated number.

C1	C2	C3	C4	C5	C6	C7	C8	C9
Tillamook Orange 0c 60m 100y 0k	Tillamook Black 0c 0m 0y 100k	Tillamook Creamy Buff 0c 5m 15y 3k	Tillamook Basalt 55c 53m 59y 25k	Tillamook Grass 20c 0m 100y 40k	Tillamook Lichen 10c 6m 14y 0k	Tillamook Slate 50c 55m 55y 0k	Tillamook Earth 30c 70m 100y 17k	Tillamook White 0c 0m 0y 0k
Pantone 716 C	Pantone Black C	Pantone 7499 C	Pantone Grey 11 C	Pantone 582 C	Pantone Warm Grey 1 C	Pantone 8021 c	Pantone 470 c	N/A

Font & Directional Arrow

Domaine Display Bold
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890&

BEBAS NEUE
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890&



Century Gothic Regular
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890&

Century Gothic Bold
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890&

Design Toolbox / Materials and Processes

City of Tillamook sign structures honor the architectural heritage of Tillamook, and extend a strong graphics brand for The Dairylands. Constructed of regional materials with local craftsmanship sensibility. The plan’s materials palette incorporates regional materials such as substantial unpainted timber (which will weather), river rock bases, exposed craftsman hardware and sign faces that give the impression of tongue and groove facades—all of which represent Northwest-style craftsmanship.

A wayfinding program is meant to last for a long period of time, sometimes as long as 20 years, so specified technologies and fabrication are crucial to longevity in the field.

WELCOME GATEWAY SIGNS + PARK KIOSK

RECOMMENDED SIGN SPECIFICATIONS AND MATERIALS PALETTE

SIGN STRUCTURES:

Posts: Western Red or Port Orford Cedar, UV inhibitor

Engineered bases: Oregon River Rock, concrete, framing, hardware

Sign faces: painted aluminum “boards” mounted to solid background of same color, with “grooves” created by spaces between boards. Additional graphics cut from aluminum, direct-mount with adhesive to minimize vandalism.

Hardware, gussets and end-caps: Galvanized steel, welded joints. Prototypes required. Finish option to be determined: Unfinished or powder-coated.

Framing, interior structures and substrates: Aluminum, steel, wood, high-density urethane. Only materials appropriate for all-season outdoor use in a coastal marine Northwest environment. Engineered and within code.

SIGN GRAPHICS:

High Pressure Laminate (HPL)

Digitally printed subsurface images, with unlimited color, fused into a single panel with phenolic and melamine resins, with a special UV-resisant overlamine applied.

Vinyl

3M High Performance Vinyl

Metal

Powder-coated cut aluminum letters, applied to painted metal substrates.

Lighting

Lighting plan required for nighttime & stormy weather conditions. Lighting provided, installed and engineered by fabricator. Electrical source provided by client.

NOTE: Provide solar-powered option for Monumental sign type (W1, W3, W5); PK-4 does not require lighting.

Photos: left to right:

- 1 powder coated aluminum panels
- 2 pressure treated wood
- 3 steel brackets, hardware and ties
- 4 stone bases
- 5-6 vinyl graphics
- 7-8 high pressure laminate panels



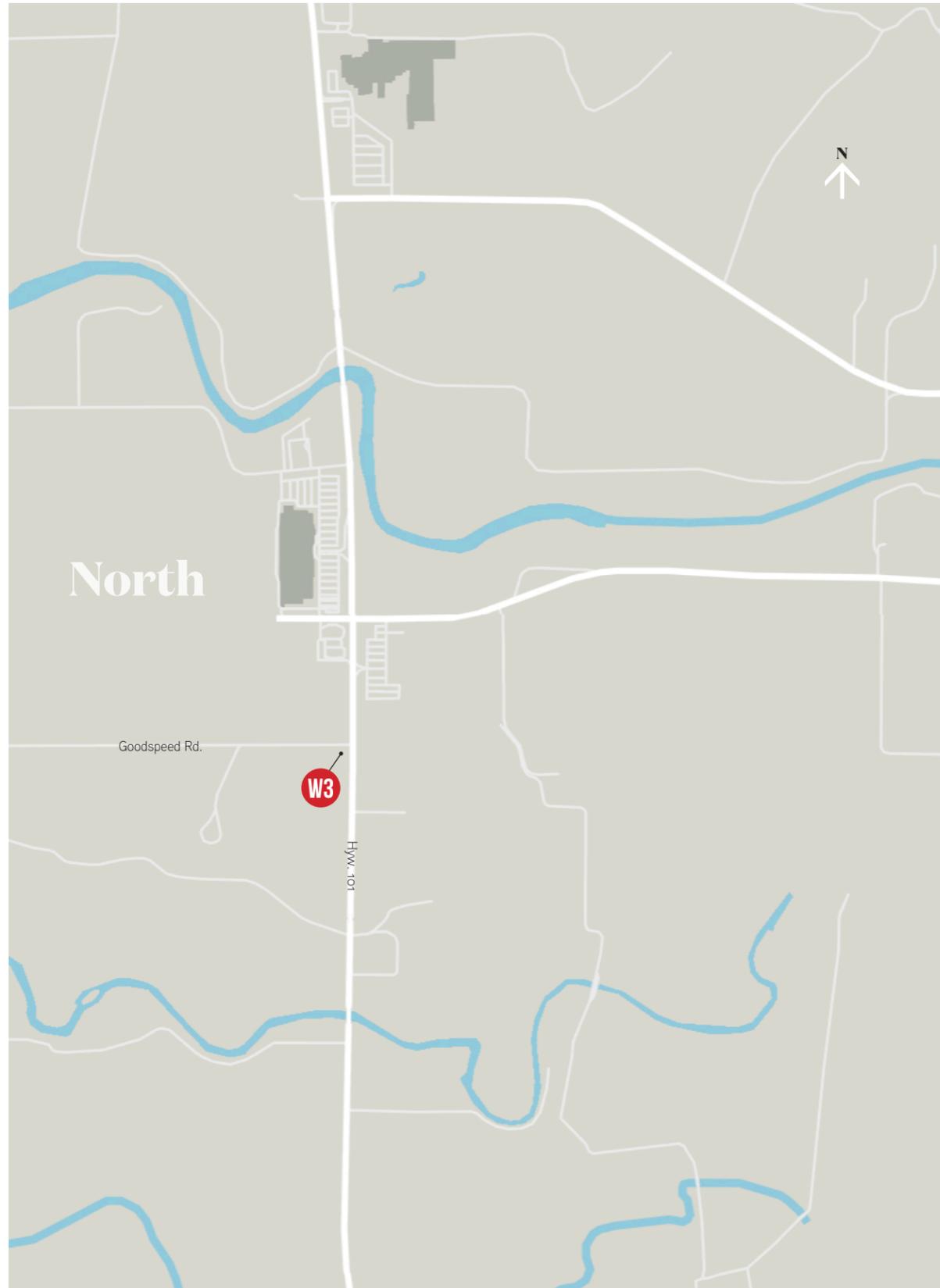
Sign Location Schedule

Sign Type and Number	Description	Location	Image(s)	Notes
W-1	Welcome Sign— Village Gateway Monumental Stone foundation	12th Street and the median between Main and Pacific Ave		Replaces the existing Hwy 101 entry welcome sign. New location will be closer to the Pacific Ave side of the median. Faces south, for northbound travelers on Hwy 101.
W-2	Welcome Sign— Village Gateway Double Post	South side of Hwy 131 on the City Wastewater Treatment Plant property		Faces west, placed diagonally, for eastbound travelers, after crossing the Trask River Bridge.
W-3	Welcome Sign— Village Gateway Monumental Stone foundation	West side of Hwy 101 on the City property at the Goodspeed Road intersection.		Faces north, placed diagonally, for southbound travelers on Hwy 101. Property needs review for flooding conditions.
W-5	Welcome Sign— Village Gateway Monumental Stone foundation	Triangle at Ocean Place, between 1st and 3rd St		Replaces existing entry sign. Faces east for westbound travelers on Wilson Ave
PK-4	Park Kiosk	Carnahan Park		1 unit (1-sided); Water Trail Marker for boat launch



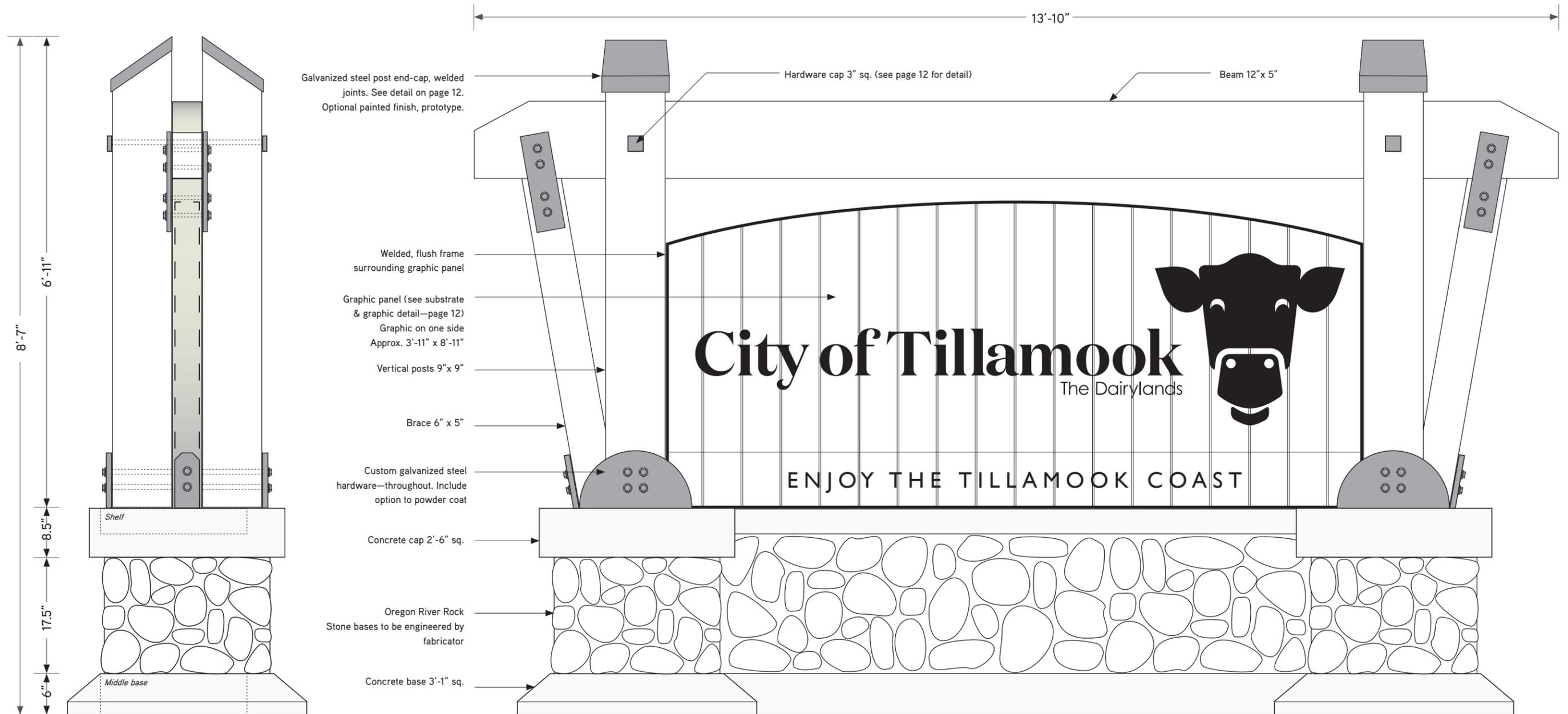
City of Tillamook Downtown Map

- W1** Village Gateway
Monumental
QTY: 1
- W2** Village Gateway
Double Post
QTY: 1
- W5** Village Gateway
Monumental
QTY: 1
- PK4** Park Kiosk
QTY: 1



City of Tillamook Perimeter Map

W3 Village Gateway
Monumental
QTY: 1



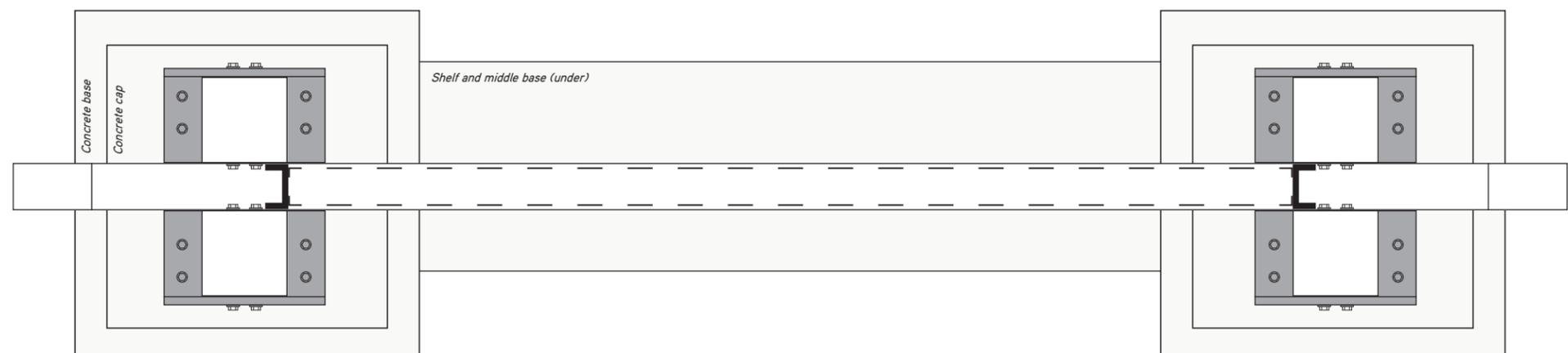
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Fabricator shall verify and be responsible for all dimensions, code requirements and site conditions. Shop drawings, engineering, and details must be submitted to client for approval prior to proceeding with fabrication.

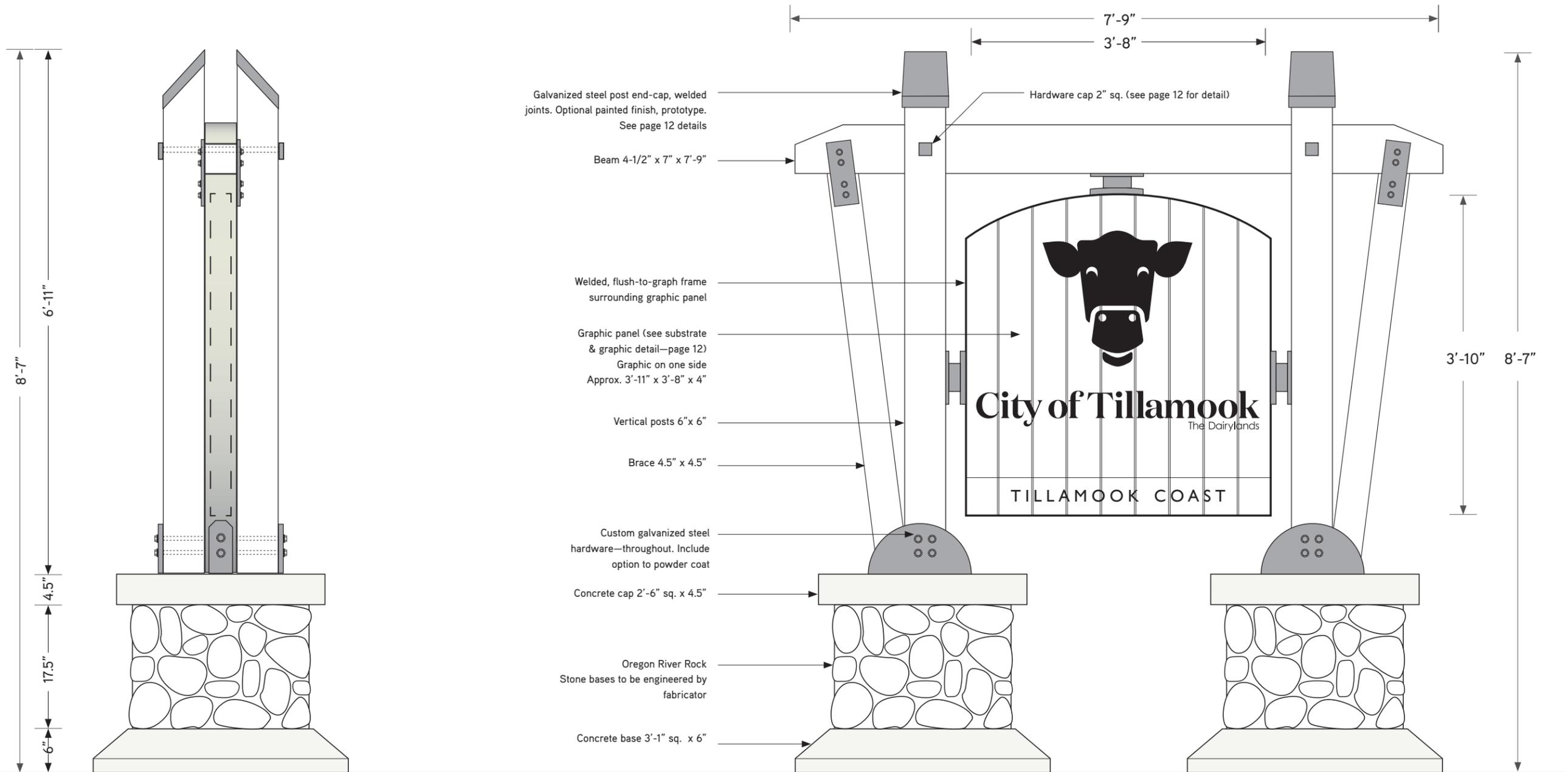
Scale:

- 1/2" = 1'-0"
- 3/4" = 1'-0"
- 1" = 1'-0"
- Half scale
- Full scale

NOTES

- Wood components: Western Red or Port Orford Cedar, UV inhibitor
- Oregon River Rock bases to be engineered by fabricator
- Hardware & gussets: galvanized steel, powder-coated option to be prototyped
- Digital graphic files provided by client/designer
- Sign, base and hardware to be engineered (wind, soil) by fabricator
- Footing plan by fabricator
- A lighting plan for nighttime & stormy weather conditions. Lighting provided, installed and engineered by fabricator. Electrical source by the client
- Provide solar-powered option for this sign type



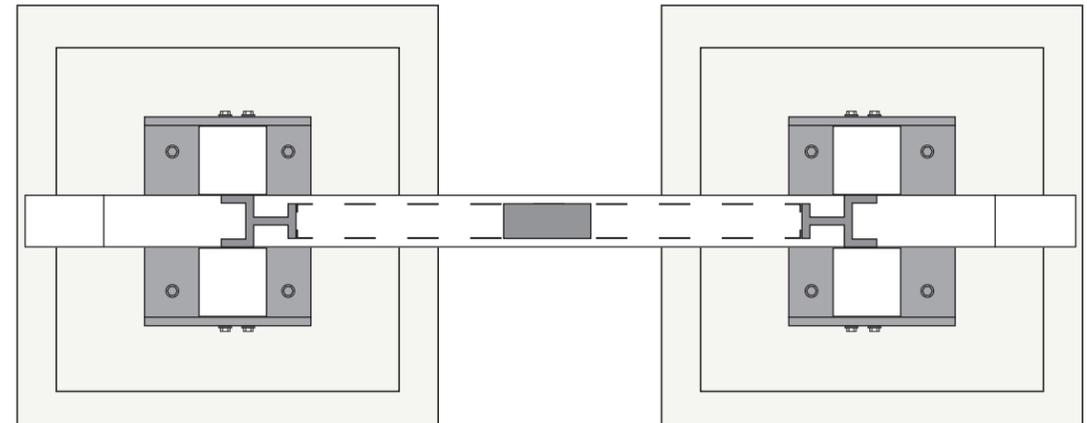


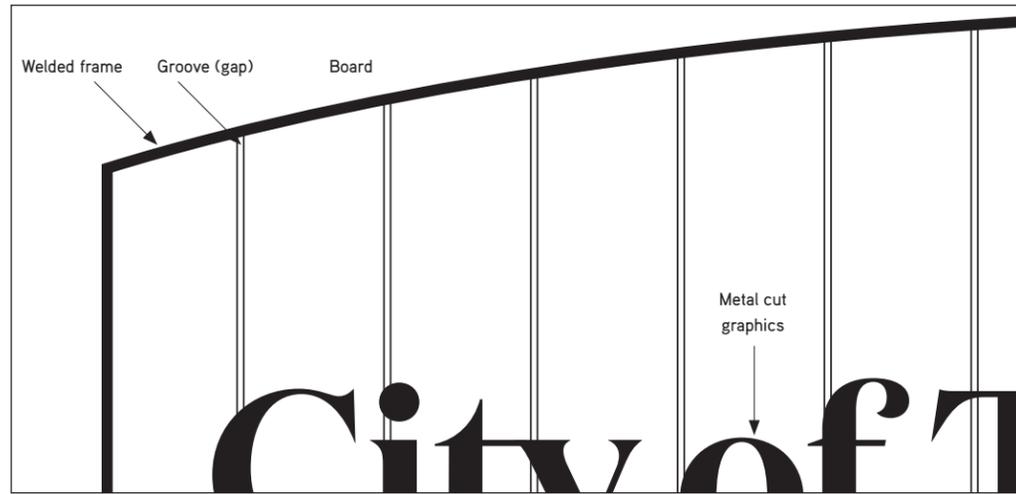
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W Welcome Sign / (Village Gateway Double Post

- NOTES**
- Wood components: Western Red or Port Orford Cedar, UV inhibitor
 - Oregon River Rock bases to be engineered by fabricator
 - Digital graphic file to be provided by client/designer
 - Sign, base and hardware to be engineered (wind, soil) by fabricator
 - Footing plan by fabricator
 - Panel is framed with a flush-to-graphic welded steel frame, 3/8" stock, 4" thick
 - Some prototyping will be necessary
 - A lighting plan for nighttime and stormy weather conditions. Lighting to be provided, installed and engineered by fabricator. Electrical source provided by the client





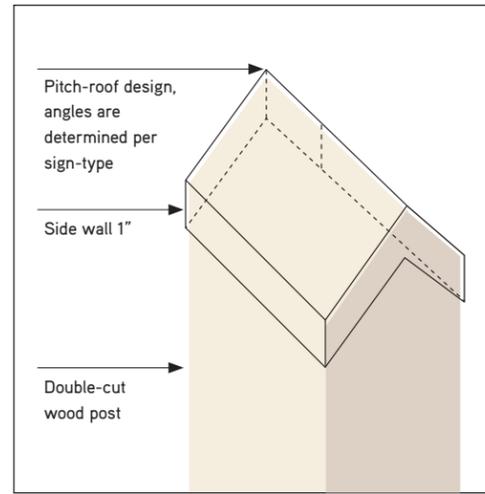
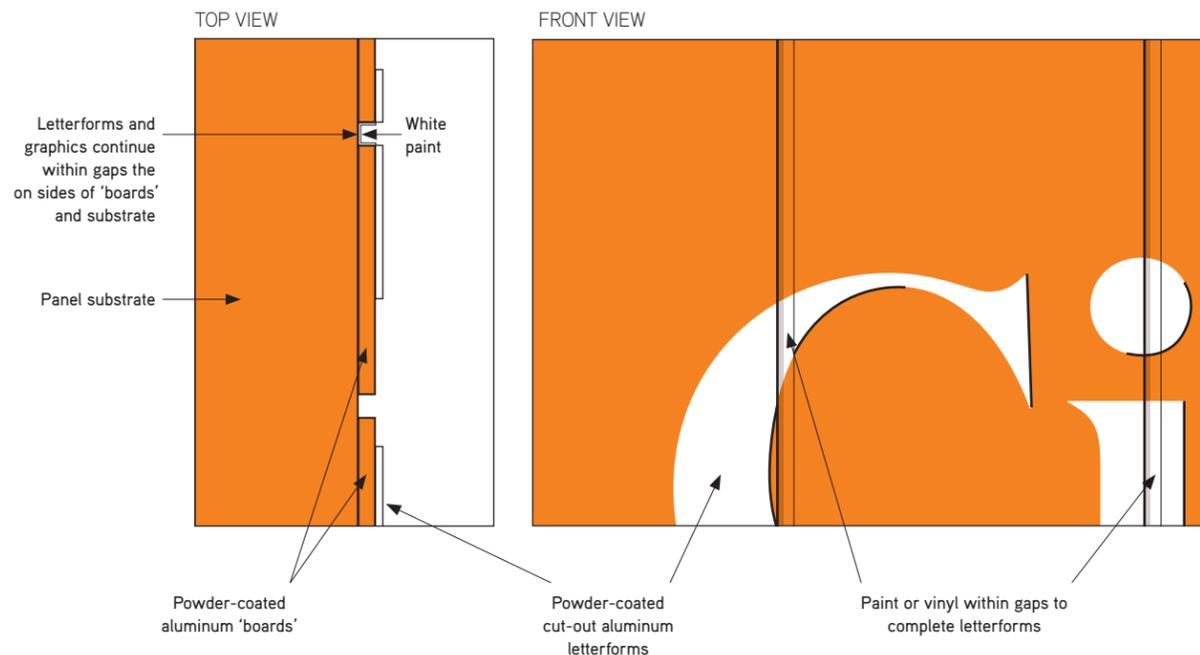
PANEL SUBSTRATE AND GRAPHICS

Powder-coated aluminum “boards” mounted to solid background of same color, with “grooves” created by spaces between boards. Graphics cut from 1/8” aluminum, powder-coated, flush mounted. Smallest typography (The Dairylands) can be cut-vinyl graphics.

Following dimensions for “boards and grooves:”

	Board:	Gap:
Gateway Monumental	5-3/4" wide x 1/4"	1/4"
Gateway Double Post	4-3/4" wide x 1/4"	1/4"
Gateway Single Post*	4-3/4" wide x 1/4"	1/4"
Electronic Message Center*	5-1/2" wide x 1/4"	1/4"

* Not included in this bid package

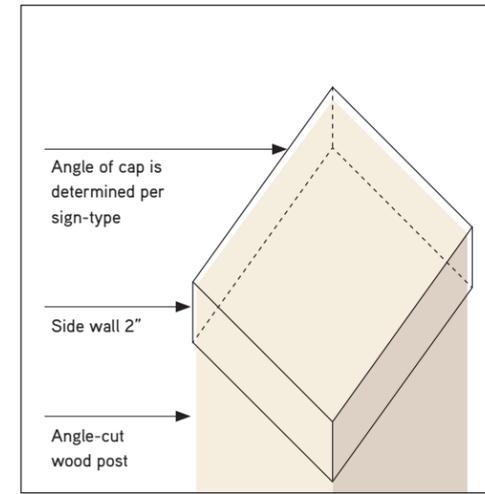


POST END-CAPS / SINGLE POSTED GATEWAYS, DIRECTIONALS, MARKERS & VISIT TILLAMOOK SIGNAGE

- Constructed of galvanized steel with welded joints. To fit snugly over angled wooden post
- Made of 1/4" stock, to accommodate 8" sq. and 6" sq., posts. Side walls are 1" high. Angle varies to sign type
- Tamper-resistant set-screws on sides.
- Detail by fabricator
- Prototype OPTIONS required: one with powder-coated finish (C4: Tillamook Basalt); one unfinished

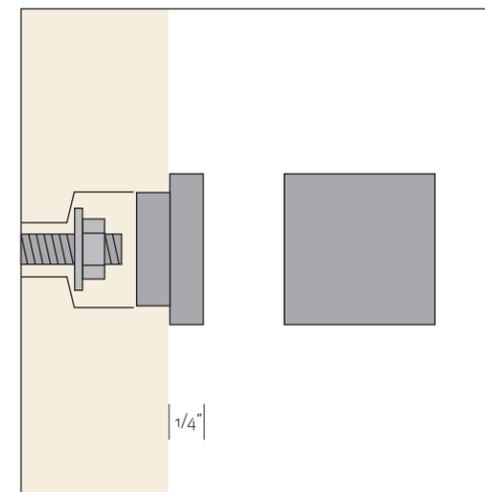
NOTES

- Graphics and boards are one side, facing traffic
- Digital graphic file to be provided by client/designer
- Graphic Panel is framed with a flush-to-graphic welded steel frame
- Some prototyping will be necessary
- Visible welds to be continuous and ground to provide a smooth surface



POST END-CAPS / MONUMENTAL & DOUBLE POSTED GATEWAYS

- Constructed of galvanized steel with welded joints. To fit snugly over angled wooden post
- Made of 1/4" stock, to accommodate 9" sq. and 6" sq., posts. Side walls are 2" high. Angle varies to sign type
- Tamper-resistant set-screws on sides
- Prototype OPTIONS required: one with powder-coated finish (C4: Tillamook Basalt); one unfinished



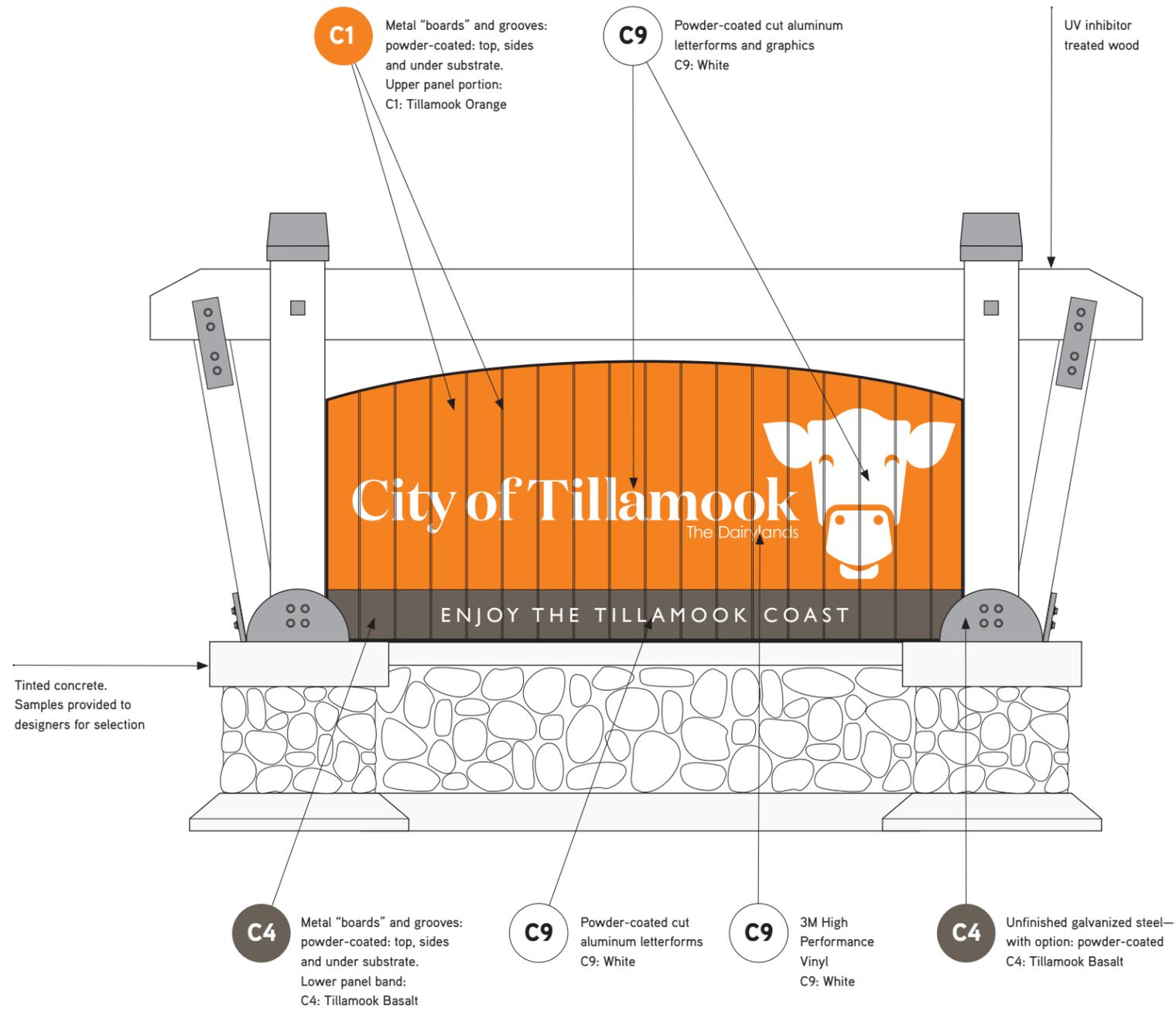
HARDWARE CAP

- 3" sq. for 9" x 9" post
- 2" sq. for 6" x 6" post
- Tamper-resistant hardware, detail by fabricator
- Prototype OPTIONS required: one with powder-coated finish (C4: Tillamook Basalt); one unfinished

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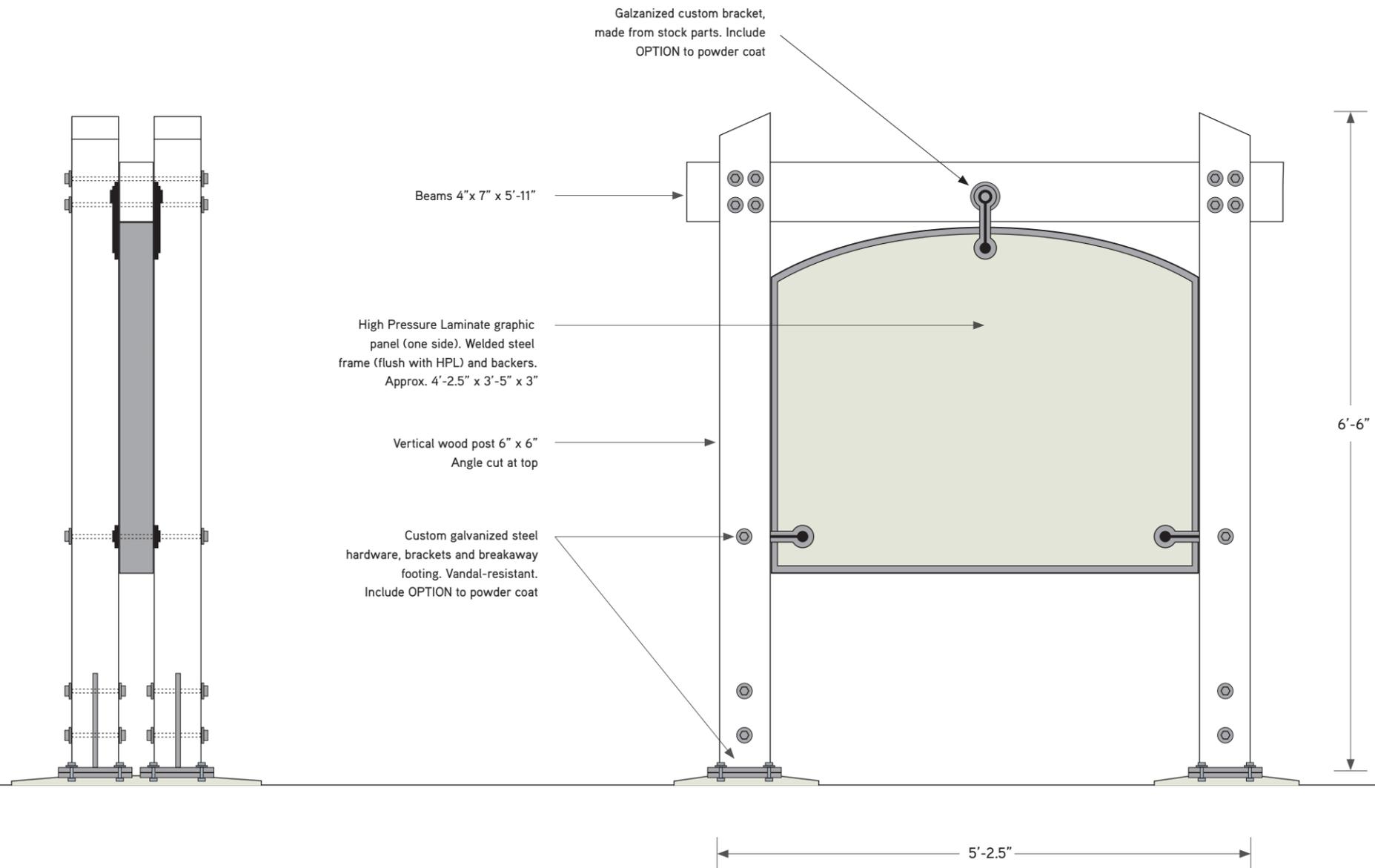
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NOTES

- Wood components: Western Red or Port Orford Cedar, UV inhibitor
- Digital graphic file to be provided by client/designer
- Sign, base and hardware to be engineered (wind, soil) by fabricator.
- Footing plan by fabricator (to be shown in Construction Drawings). Breakaway.
- Galvanized steel hardware, some prototyping of 'bracket' hardware will be necessary. Welds to be continuous and ground smooth. Powder-coated option for endcap and footing hardware (C4:Tillamook Basalt, see color palette)
- Graphic Panel is framed with a flush-to-graphic 3/8" welded steel frame, 3" wide
- Break-away where applicable
- Some prototyping



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