

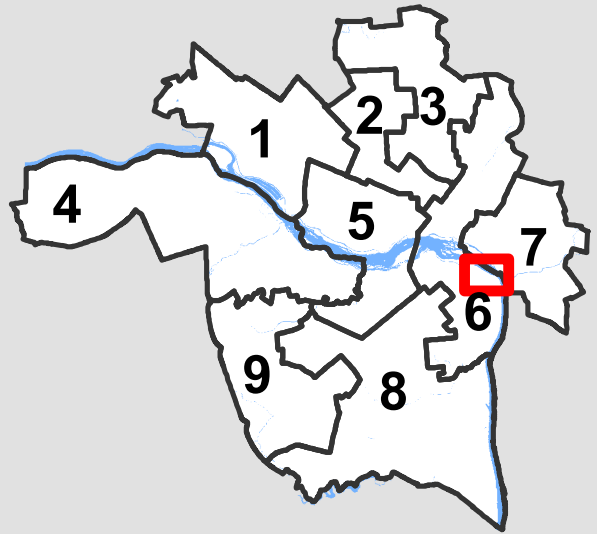
City of Richmond Department of Planning & Development Review

Location, Character, and Extent

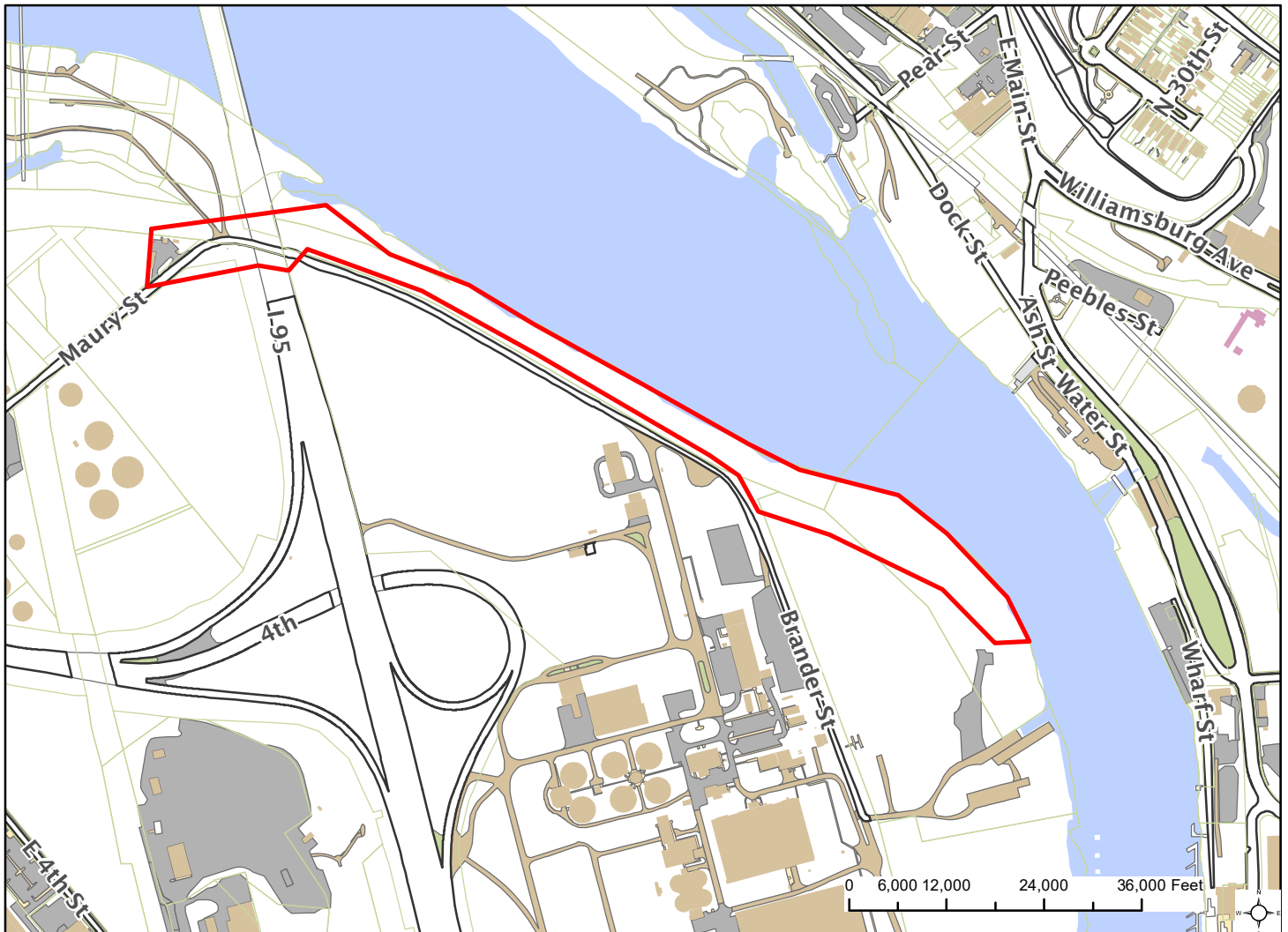
LOCATION: 1500 Brander Street

COUNCIL DISTRICT: 6

PROPOSAL: Review of the renovation to the Richmond Slave Trail along 3500' of the original trail along the James River



*For questions, please contact Josh Son
at 646-3741 or joshua.son@richmondgov.com*





Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review
Planning & Preservation Division
900 E. Broad Street, Room 510
Richmond, Virginia 23219
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

Application Type

- Addition/Alteration to Existing Structure
 New Construction
 Streetscape
 Site Amenity

- Encroachment
 Master Plan
 Sign
 Other

Review Type

- Conceptual
 Final

Project Name: Richmond Slave Trail Renovation

Project Address: 1500 Brander Street, Richmond, VA 23224

Brief Project Description (this is not a replacement for the required detailed narrative) : The Richmond Slave Trail Renovation Project serves to improve approximately 3500' of the original trail as well as provide a historically inspired structure to improve the overall experience of the trail.

Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: George Bolos Email: george.bolos@richmondgov.com

City Agency: Economic & Community Development Phone: 804-646-0477

Address: 1500 E Main Street, Main Street Station, Suite 400

Main Contact (if different from Applicant): Kathy Halpaus

Company: VHB Phone: 804 343 7100

Email: KHalpaus@vhb.com

Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC.**

UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06 and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

Richmond Slave Trail Project Narrative

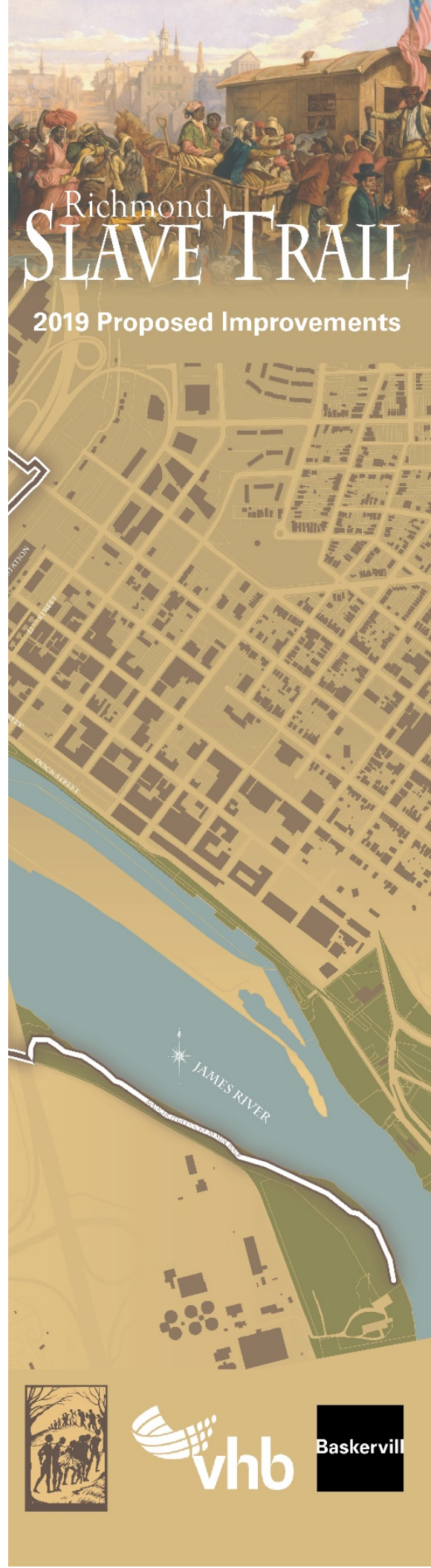
Three key components comprise the Improvements to the City of Richmond Slave Trail between Ancarrow's Landing and the Floodwall Enclosure at Brander Street west of the I-95/James River Bridge.

The first component, a new trailhead/orientation amphitheater in the grassy field between the James River and the Ancarrow's parking area, clearly marks the beginning of the Richmond Slave Trail while orienting users to the historical and cultural significance of the trail. It serves as a gathering point and small amphitheater for guided tours, an experiential exhibit, and wayfinding for self-guided users. The interactive trailhead is sited in the Ancarrow's Landing field adjacent to the river and pointing upstream, as a transatlantic slave trading ship would effectively dock along the banks of the James River to counteract current.

The second component maintains the route of the Richmond Slave Trail but provides necessary improvements along the trail between Ancarrow's Landing and the I-95/James River Bridge. New wooden fencing will be added in locations requested by the owner, and one of the dated pedestrian bridges will be replaced to increase structural integrity. Natural wood mulch will continue as the trail's surface material to maintain the historic experience of walking the trail.

The third component provides directional clarity for multiple users at the area underneath the I-95 bridge overpass at the Brander Street floodwall closure. A 6'-0" wide, clearly marked bike and pedestrian lane buffered by a 2'-0" wide painted striped buffer separates trail users from vehicular traffic on Brander Street. The trail subdivides after the furthest west bridge column to bring pedestrian users onto the existing trail as it enters the wooded area east of the bridge, while pavement markings direct cyclists to the existing bike trail paralleling Brander Street.

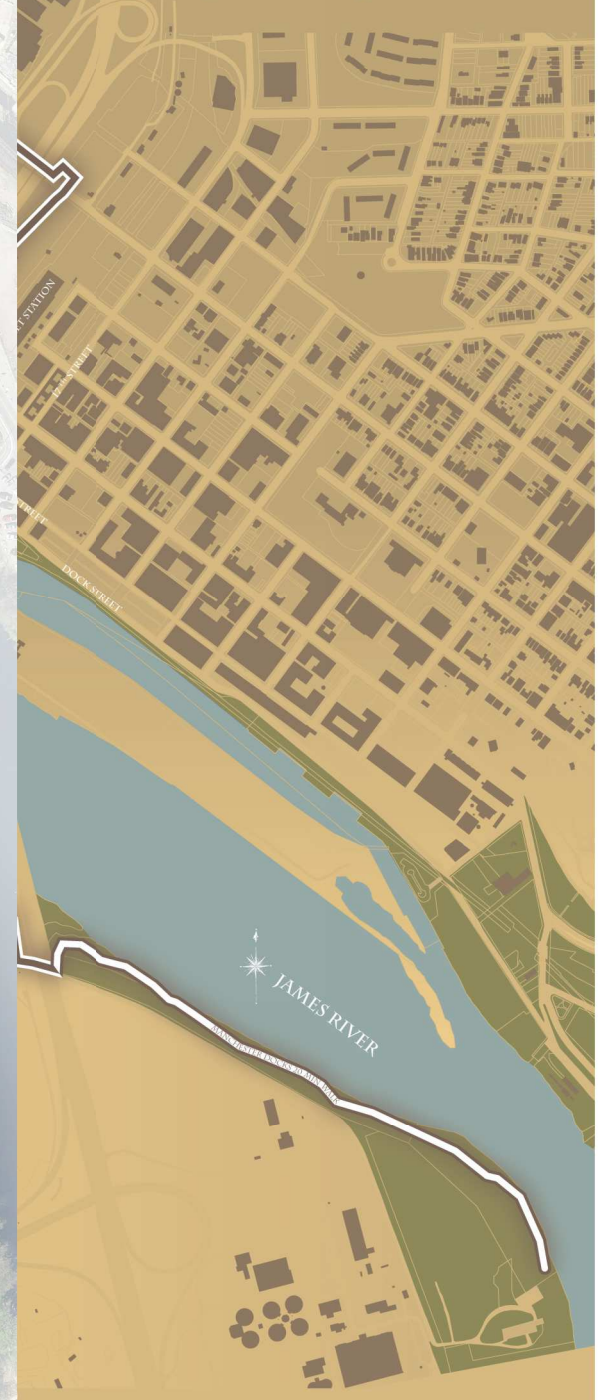
Funding for the project comes out of the \$1M allocated from the Virginia General Assembly Funds for overall improvements to the Richmond Slave Trail. Construction would begin once the project is awarded. Traffic implications would be minimized as the majority of construction is located off the street grid, adjacent to the Ancarrow's Landing parking area.





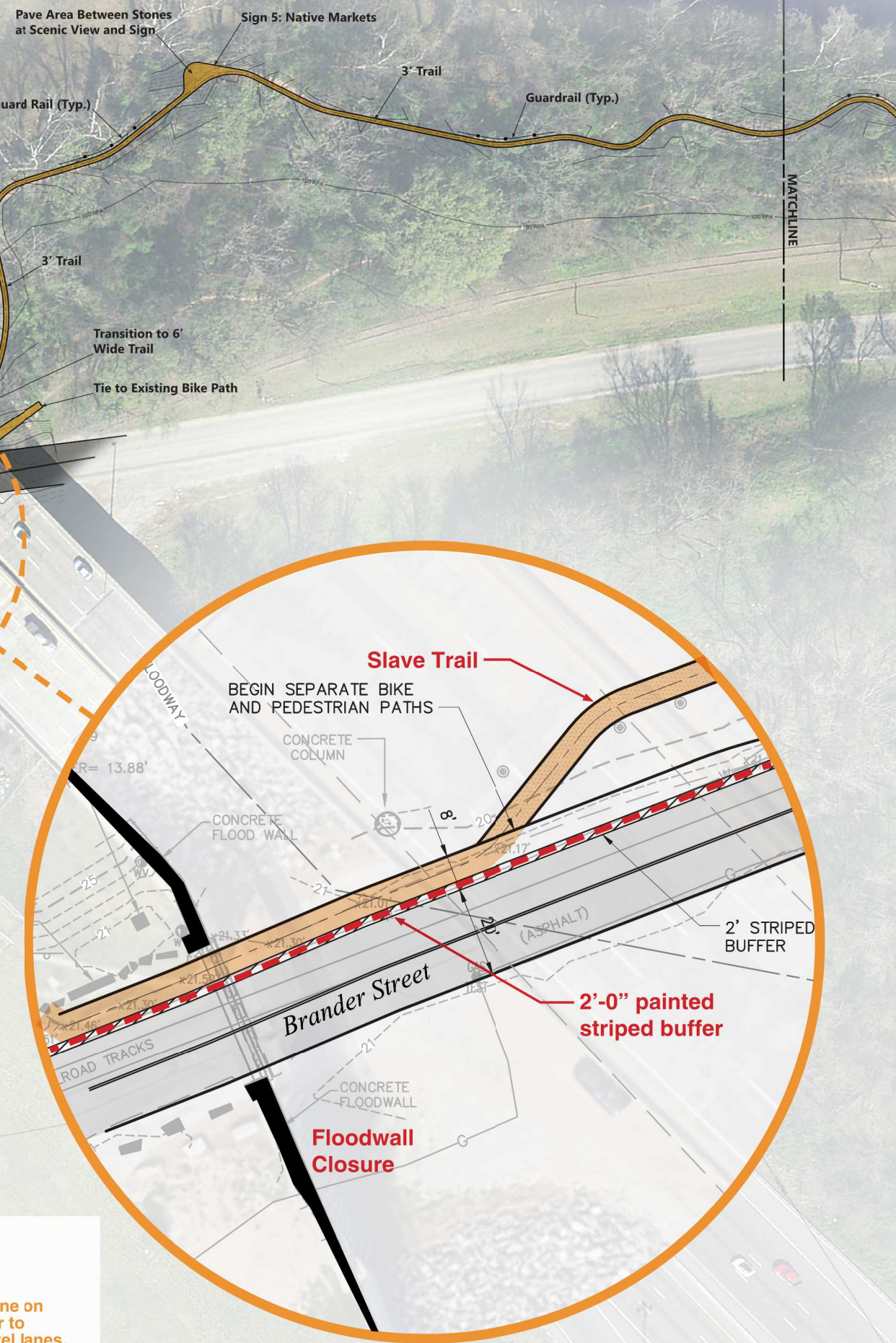
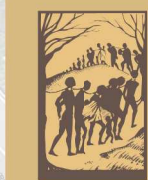
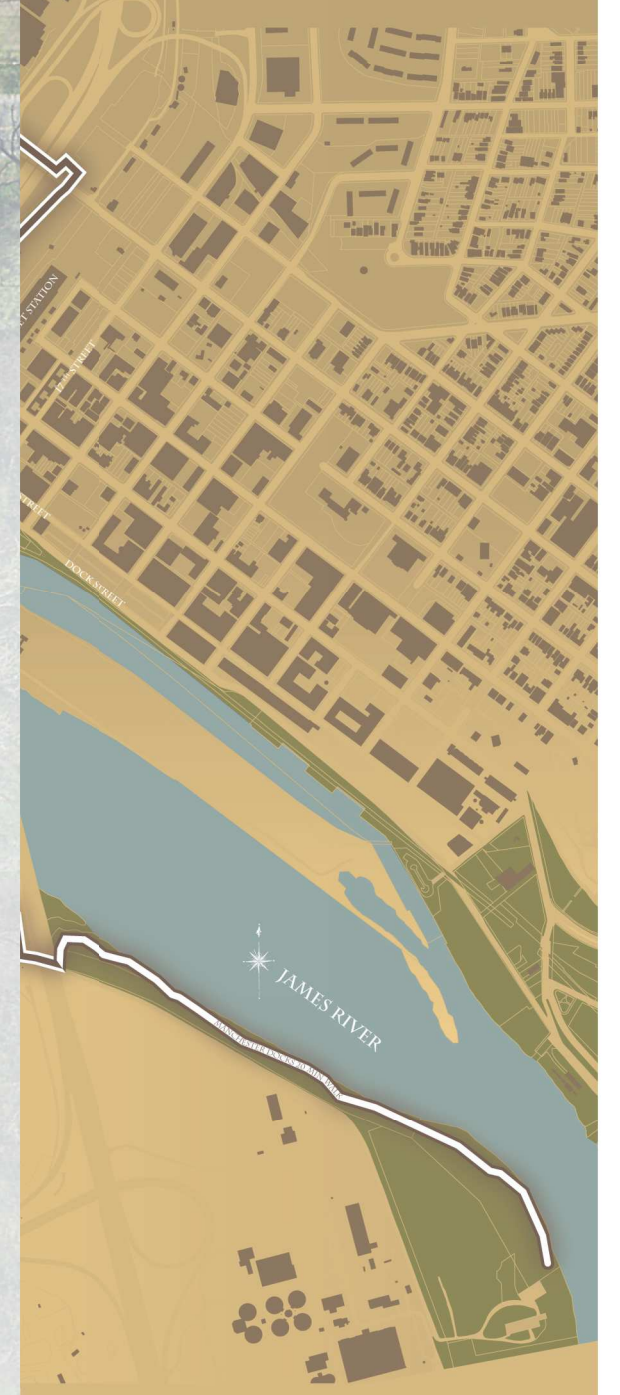
Richmond Slave Trail Presentation

January 16, 2019



Richmond SLAVE TRAIL

2019 Proposed Improvements



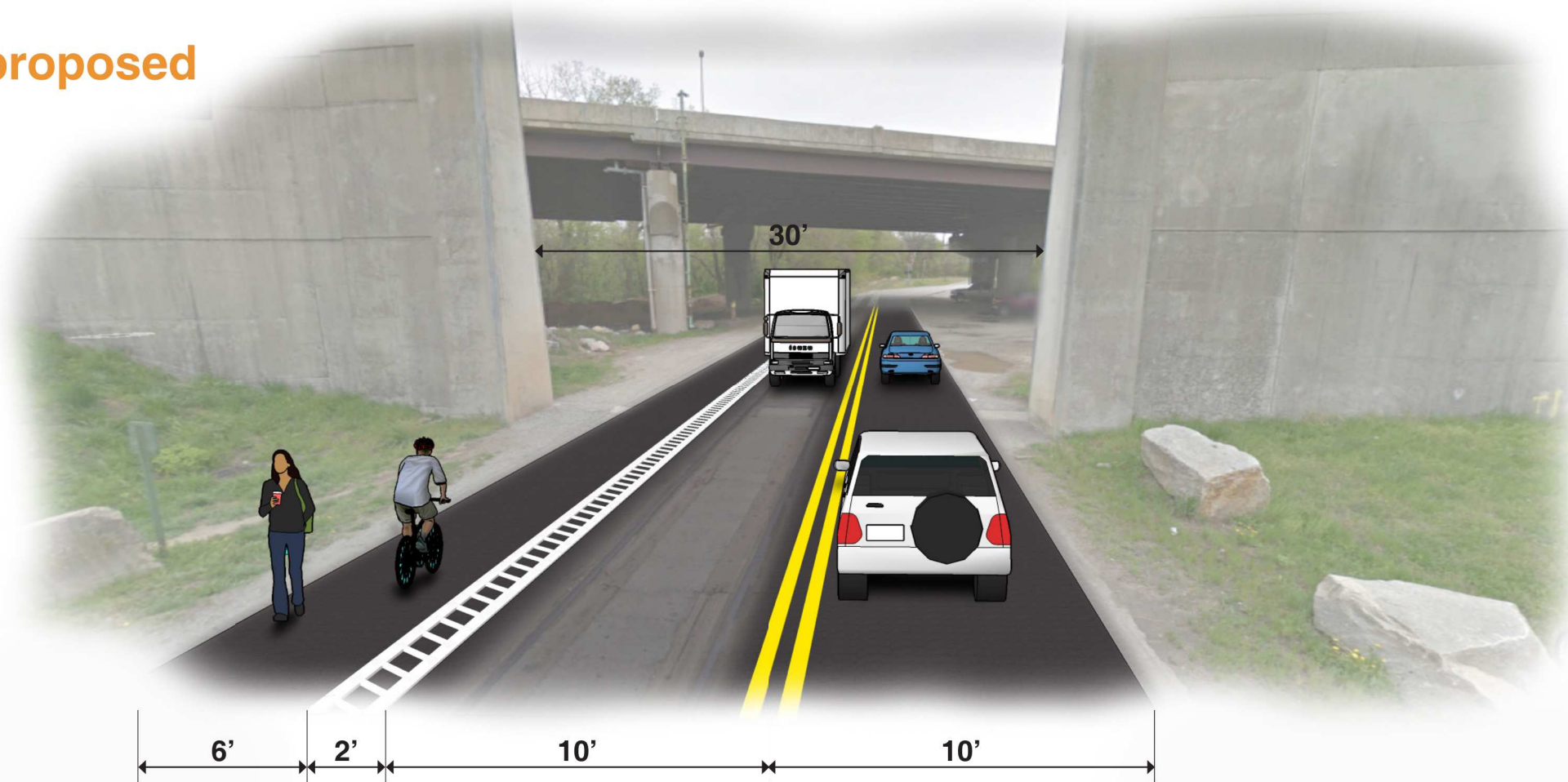
floodwall enclosure route 1
Provide 8'-0" designated bike and pedestrian lane on Brander Street adjacent to a 2'-0" painted buffer to separate new lane markings from vehicular travel lanes.



existing



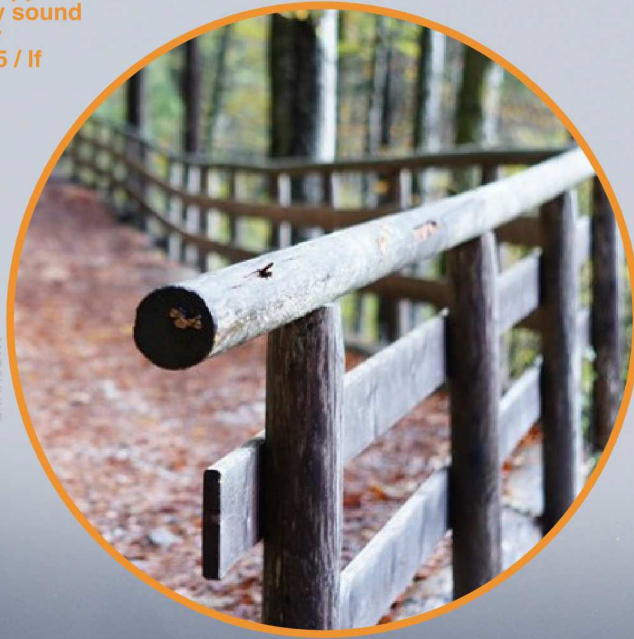
proposed



A vertical graphic on the right side of the page. At the top is a historical illustration of a slave auction. Below it is the title 'Richmond SLAVE TRAIL' and the subtitle '2019 Proposed Improvements'. The main part is a map of Richmond, Virginia, showing the James River and the Slave Trail route highlighted in white. At the bottom are logos for 'vhb' and 'Baskervill'.

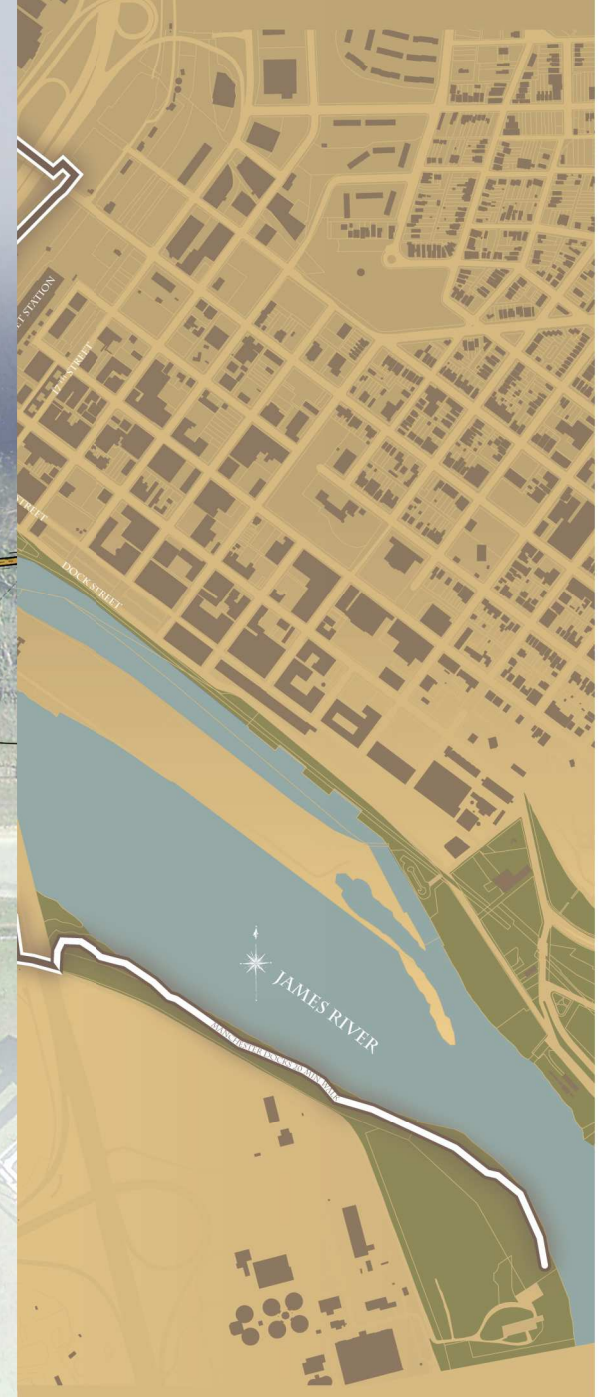
guardrail option wooden fencing

traditional appearance
structurally sound
easy repair
approx. \$25 / lf



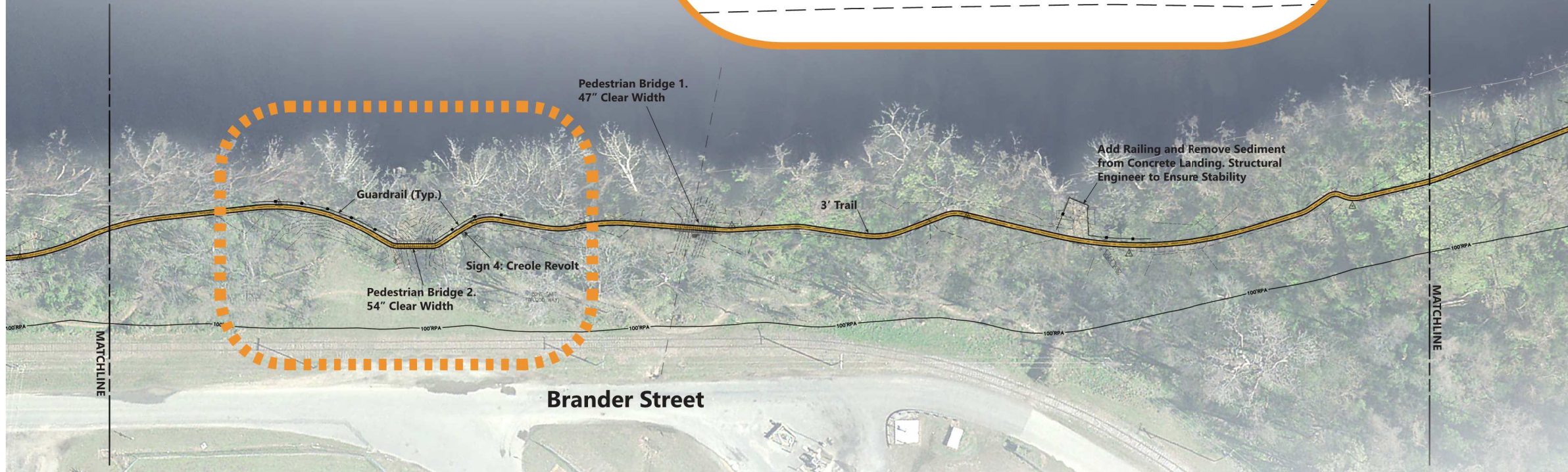
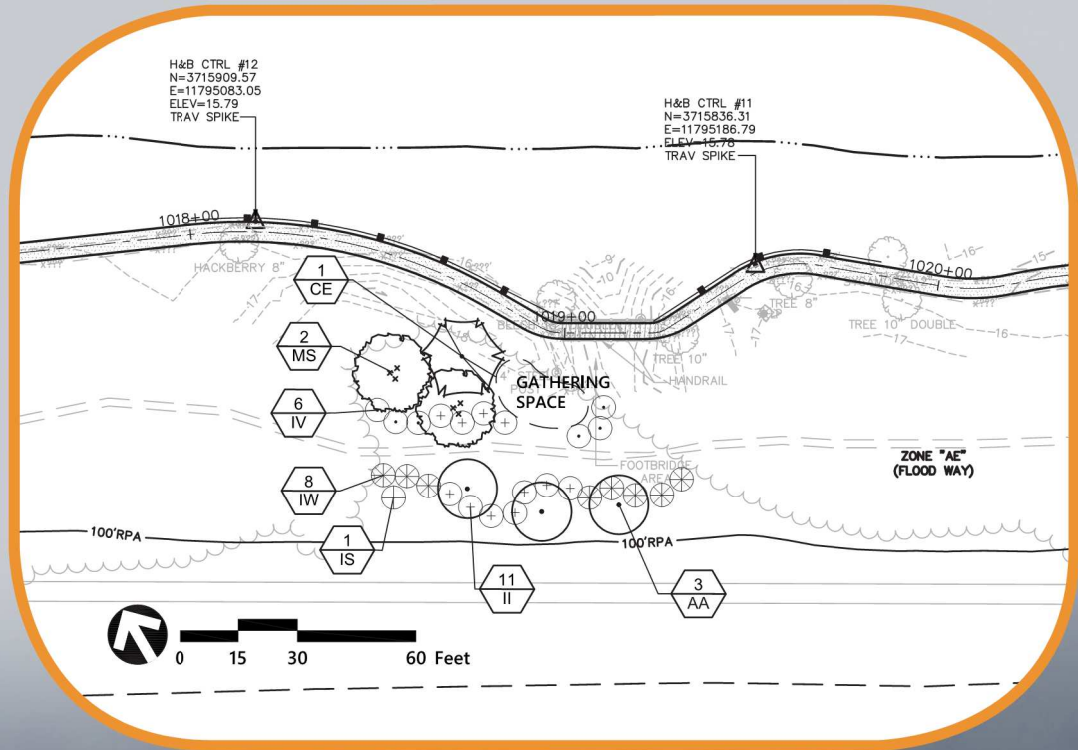
surfacing option natural trail w/ wood mulch

natural rustic appearance and feel
approx. \$20-\$25 per cubic yard



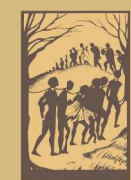
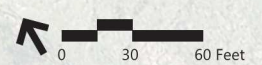
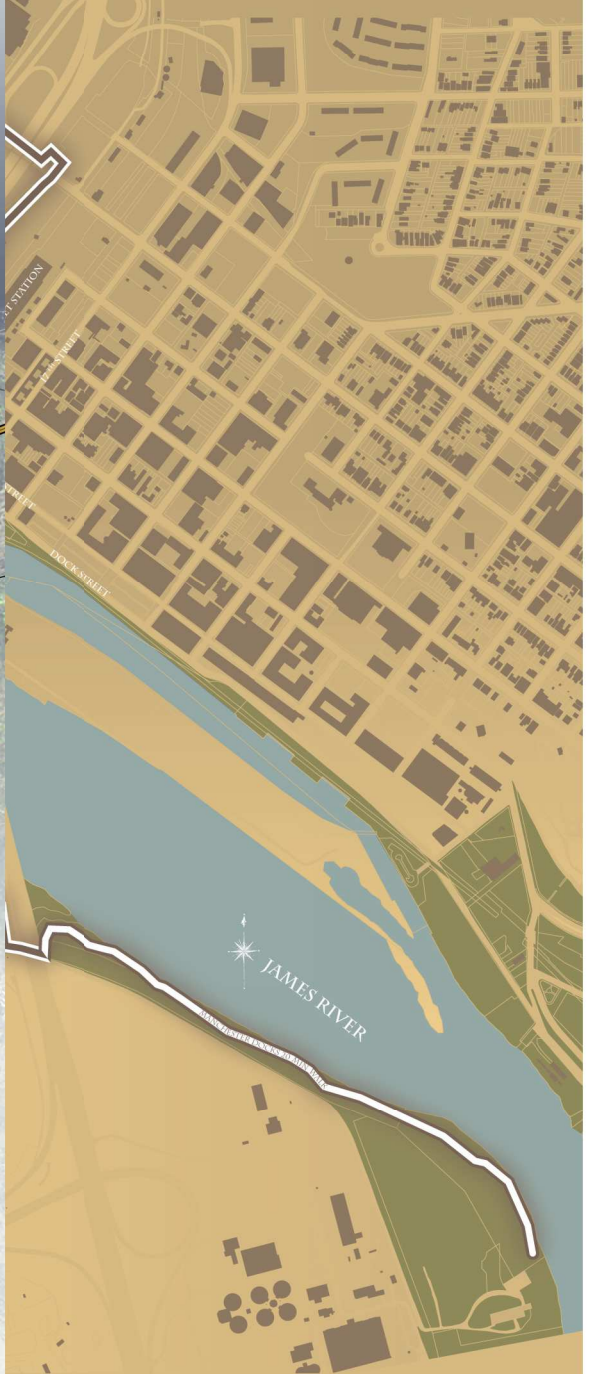
Richmond SLAVE TRAIL

2019 Proposed Improvements



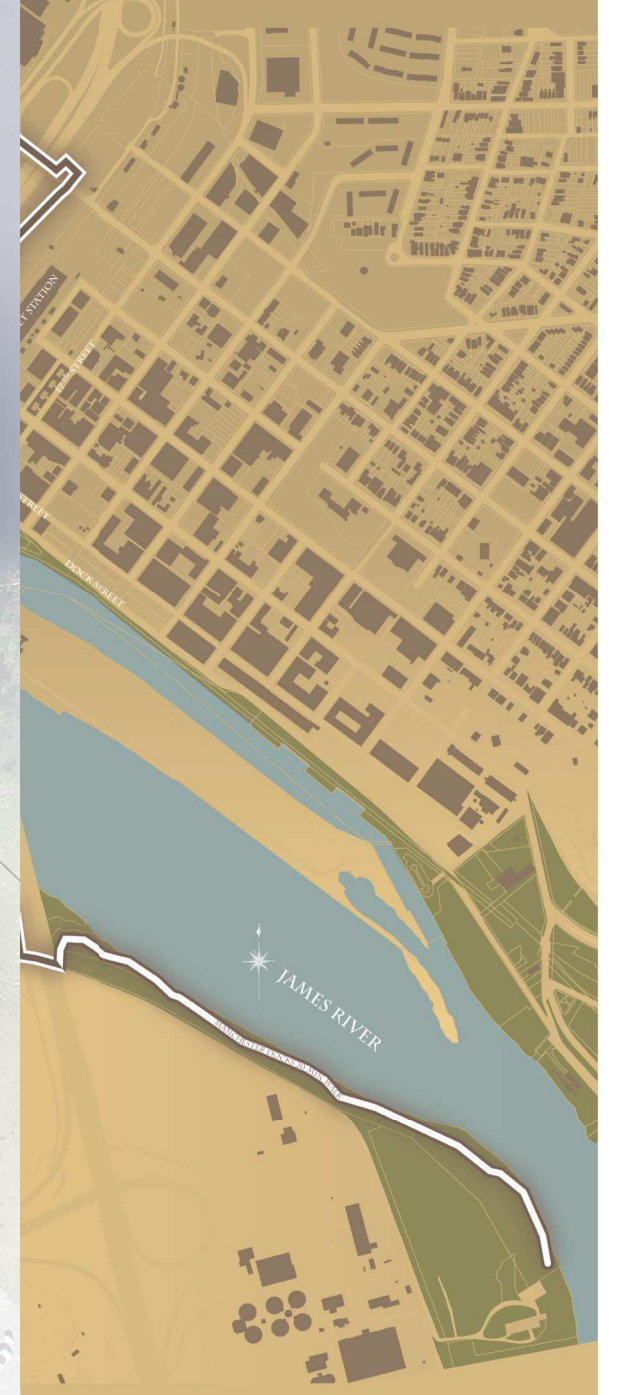
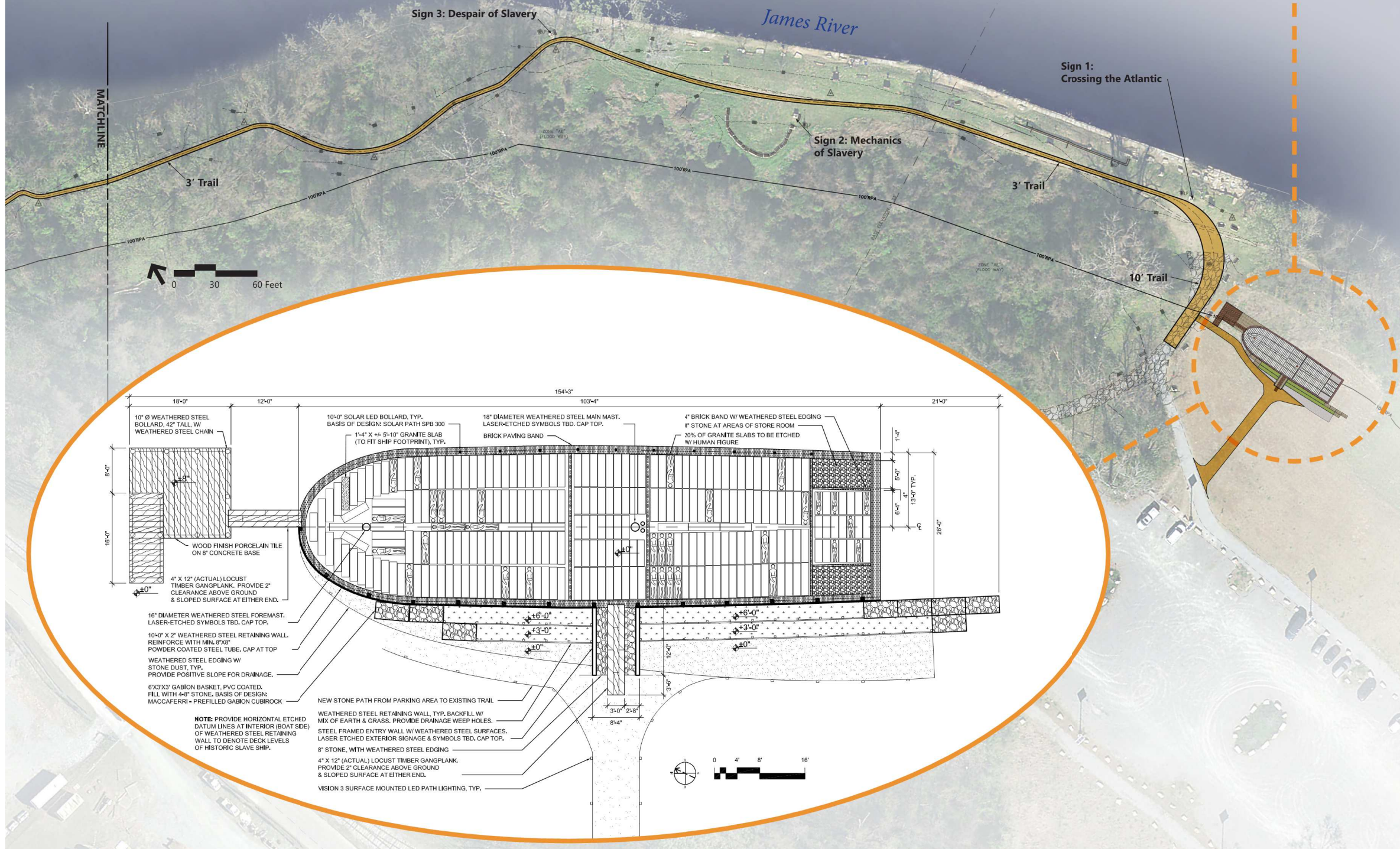
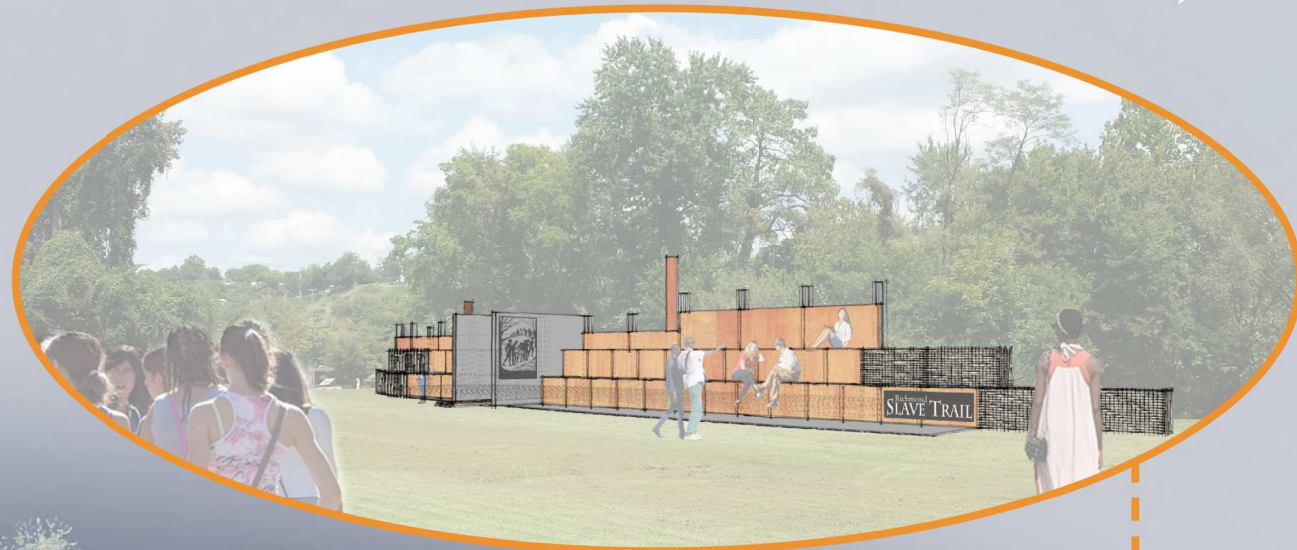
PLANT SCHEDULE

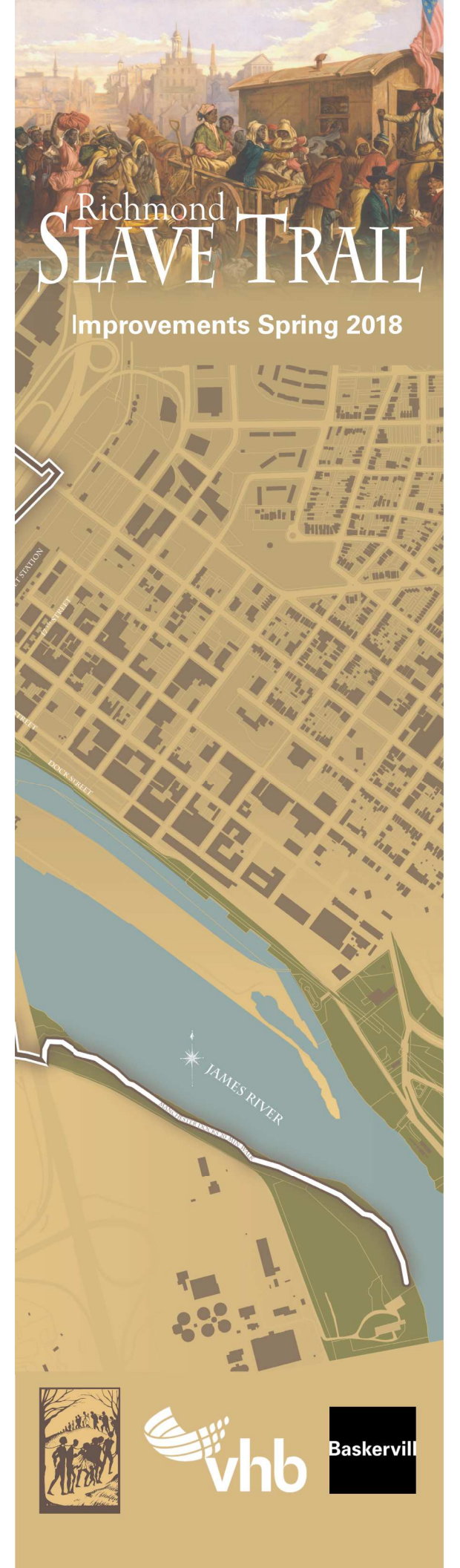
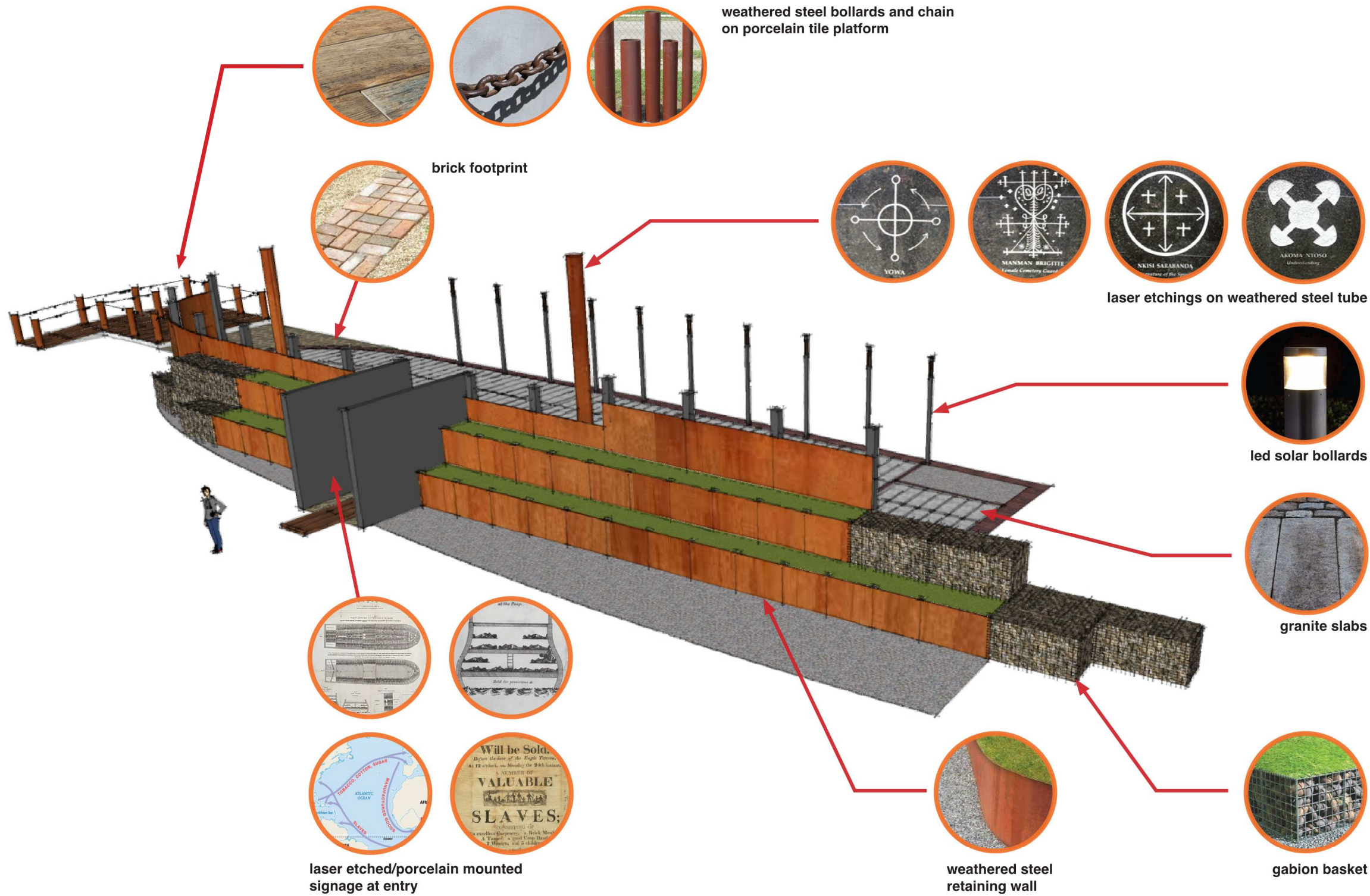
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS
AA	3	Acer x freemanii 'Armstrong'	Armstrong Freeman Maple	B & B	2.5"Cal		
CE	1	Cercis canadensis	Eastern Redbud Multi-trunk	B & B		6'-8' HT.	
MS	2	Magnolia virginiana	Sweet Bay	B & B		8'-10' HT	Multi-stem
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE			REMARKS
II	11	Ilex glabra 'Compacta'	Compact Inkberry	5 GAL / 24" HT			
IS	1	Ilex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry Holly	5 GAL / 24" HT			
IW	8	Ilex verticillata 'Winter Red'	Winter Red Holly	5 GAL / 24" HT			
IV	6	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	5 GAL / 24" HT			



Ancarrow's Trailhead ship

New trailhead based on slave ship dimensions. Amphitheater seating in ship's wake retained by ballast filled gabion cages and weathered steel site walls. Arrival signage and experiential displays mount to site and entry walls at wood-like entry gangplank. Recessed path lighting and tall solar LED bollard ribs backlight the granite stone memorial within. Two weathered steel 'masts' provide space for additional symbolism, storytelling and wayfinding.





**Ancharrow's Trailhead
ship**



proposed new lighting

PA7
PARH/STEP-12V

12V • 50W MR16 • 10W LED

Precision cast and machined lighting fixture for MR16 halogen lamps or integral LED lamp modules with driver. Can be used for area lighting, spot lighting, or high lighting applications. Shown for general use and constant 12 volt operation available.

FEATURES

- Clear lens and cover with heat sinks concealed on the sides provides a clean, architectural appearance.
- A 1/2" x 1/2" diameter spread lens provides efficient, even distribution of light. In many installations, lower output lamps can be utilized for reduced energy cost.
- Cover recessed so that glare can be better controlled and/or hidden in steps and for foot lighting alignment.
- Lens and cover are fully replaceable and feature redoxhibe lenses.
- LED driver allows dynamic transformer recognition to match available and powered LED driver. Transformer management is done LED driver at the lighting temperature.

CONSTRUCTION

Material: Available in cast brass, stainless steel or anodized aluminum.

Cover Style: Choice of two cover styles for larger or smaller light distribution. Can also be used without cover for larger three or more light applications.

Lamp: MR16 halogen lamp up to 50W, 12V LED module with integral driver and a height of one inch for selection of 20 foot or 20 foot higher equivalent output.

Finishes: 16 standard powder coat finishes or 2 bronze finishes available. See FINISHES section of catalog, more book come.

Mounting: Standard 1/2" thick solid brass base plate with anchor bolt holes for surface mounting. Optional PVC ground stake is also available for easy installation into soft soils.

Certification: CE, ENEC, and UL listed and Canadian safety standards for use in wet locations.

All fixtures and ratings subject to change without notice. See web site for certified V3 for most current data.

APPLICATIONS
Landscape

VISION3

LightDeco series

SolaTile II

SolaTile II is the newest generation of SolaTile® Sun Selection light emitting tiles. The design is an example of our value of innovation and responding to the insights and wishes of lighting designers, architects, publicists and our other partners.

The member of the LightDeco series engages an open surface photovoltaic array with a recessed channel.

LED lights, driven by clean capacitor power, are placed at the corners of a full-face illuminating plane. When the solar is in the recessed solar array is hidden, and the entire surface of the SolaTile II becomes fully illuminated.

Branding, enhancements through customization are unlimited. Through advanced laser etching, any design can be imprinted upon the illuminating plane, allowing for the highlighting of emblems, logos, demarcations, symbols, pictures, and lettering on the unit surface.

Uses and Applications:

- Shopping
- Parks
- Events
- Landscaping
- Courtyards
- Streets
- Pool decks
- Walkways
- Building exteriors
- Pool bottoms
- Beachwalks
- And many more.

SolaTile II Technical Specifications

Category	Specification
Dimensions	48" x 48" x 1.5"
Material	Aluminum
Weight	15 lbs
Power	100W
Output	1000 lumens
Color	White
Finish	Brushed Aluminum
Mounting	Surface Mount
Warranty	5 Years

www.solatiles.com

LED AREA LIGHT

GAMA-T Series

FEATURES & BENEFITS

- Pole mounted solar led for entry portal option 2 ship.
- Can be integrated with display panels.
- Can be used for area lighting.
- Can be used for spot lighting.
- Can be used for high lighting.
- Can be used for general use.
- Can be used for constant 12 volt operation.

CERTIFICATIONS
UL, ENEC, CE, ENEC, and UL listed and Canadian safety standards for use in wet locations.

TECHNICAL PARAMETERS

Parameter	Value
Power	100W
Output	1000 lumens
Color	White
Finish	Brushed Aluminum
Mounting	Surface Mount
Warranty	5 Years

ORDERING INFORMATION

Ordering Information	Quantity	Price
100W	100	\$1000
200W	100	\$2000
300W	100	\$3000
400W	100	\$4000
500W	100	\$5000
600W	100	\$6000
700W	100	\$7000
800W	100	\$8000
900W	100	\$9000
1000W	100	\$10000

path lighting

Surface mounted solar leds along path. Solar panels at Brander Street power lights remotely.

area lighting

Pole mounted solar led for Entry Portal Option 2 Ship

SPB400 Intelligent Solar LED Bollard

The SPB400 solar powered LED bollard is an architectural independent lighting solution ideal for various applications in parks, pathways, hotel areas, tennis courts, golf courses, beach resorts, marina's, residential areas and landscape lighting projects.

Based on the ecological principle, these solar light needed when someone is present. An integrated system detects pedestrians and cyclists and switches on a cluster of light moving in their direction.

The architectural pole design in combination with a robust high LED lighting output is a high grade construction, makes it ideal choice for all your self contained lighting projects.

As the bollard is built in a self contained system, the SPB400 is suitable in harsh and wide ranging areas. Because there is only light by human presence and activity, it can be used in any area where there is human presence and activity. It can be used in any area where there is human presence and activity. It can be used in any area where there is human presence and activity.

Technical Specifications

- Power: 40W
- Output: 4000 lumens
- Color: White
- Finish: Brushed Aluminum
- Mounting: Surface Mount
- Warranty: 5 Years

Users and Applications Guide

- Parks
- Beaches
- Tennis
- Golf Courses
- Landscaping
- Marina's
- Residential

SPCASE

Solar Lighting On Demand

Smart Solar LED showcases

SPCASE is an independent architectural LED showcase solution which is used in various applications such as promotion points in displays, parks, museums, universities, pathways, tennis areas, golf courses, tennis parks, beach resorts, marina's, and residential areas. It is based on the ecological principle. It only lights up when someone is present. In standby mode, the showcase is off, or will light up at a lower power intensity. An optional integrated system detects pedestrians and cyclists on the showcase at full light level.

The architectural European patented design, in combination with a robust high LED lighting output in a high grade construction, makes it your ideal choice for all your self contained showcase—tenable projects.

A unique built-in software and wireless radio system makes the SPCASE suitable in harsh and wide ranging areas. Since there is only light by human presence and activity, it can be used in any area where there is human presence and activity. It can be used in any area where there is human presence and activity. It can be used in any area where there is human presence and activity.

Technical Specifications

- Power: 40W
- Output: 4000 lumens
- Color: White
- Finish: Brushed Aluminum
- Mounting: Surface Mount
- Warranty: 5 Years



pole lighting

Pole mounted solar led for Entry Portal Option 2 Ship. Can be integrated with display panels.

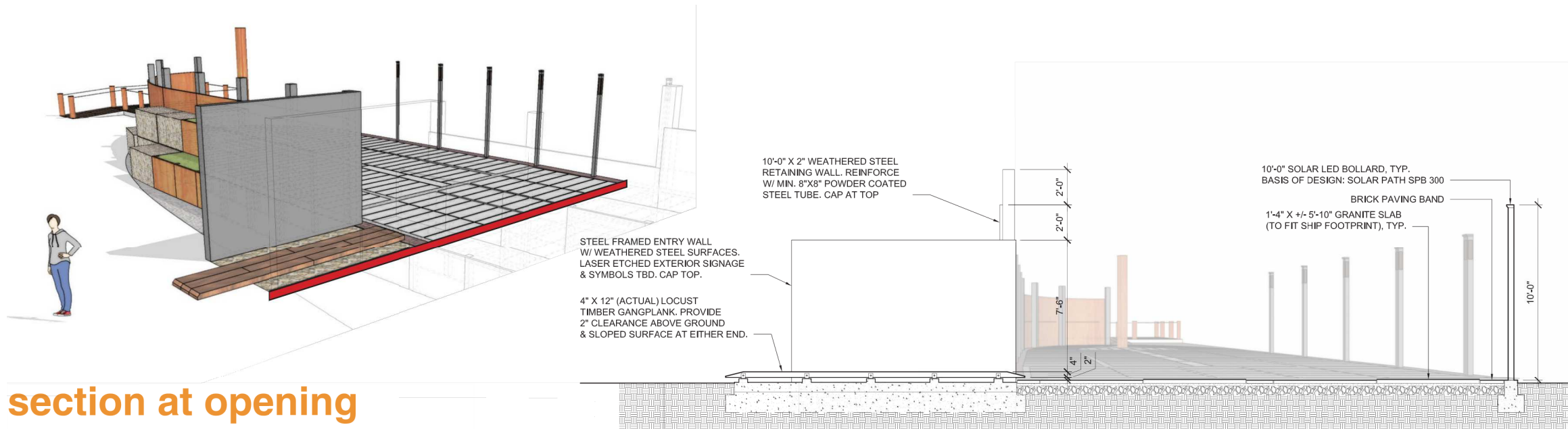
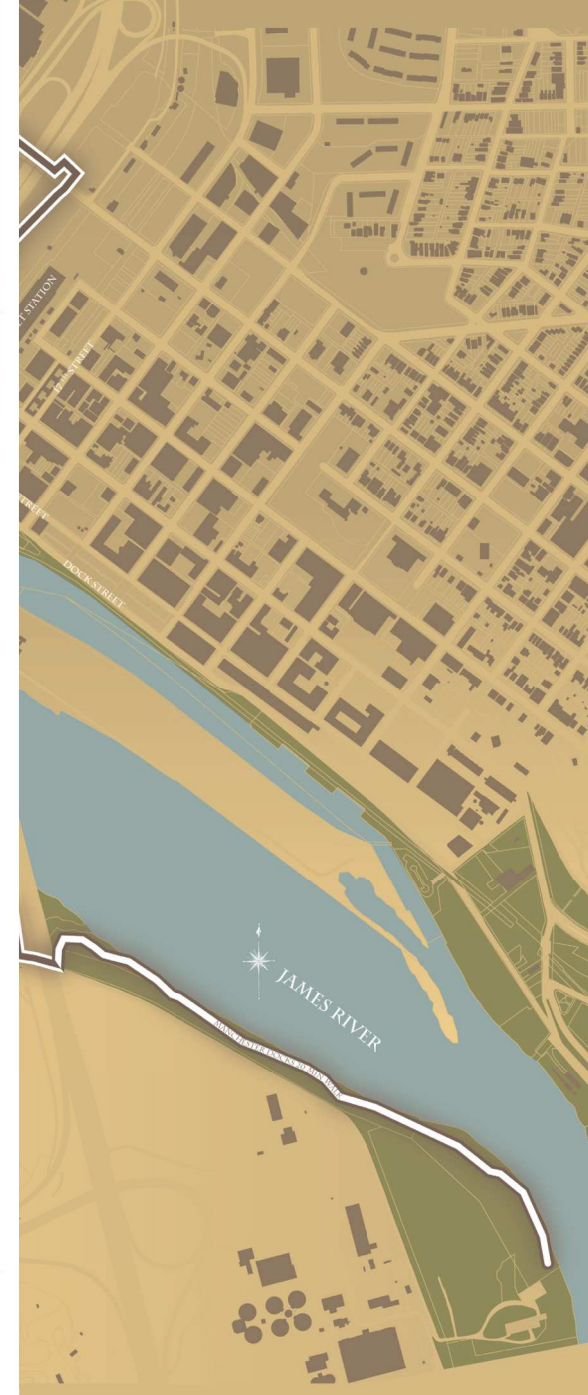
Richmond SLAVE TRAIL

Improvements Spring 2018

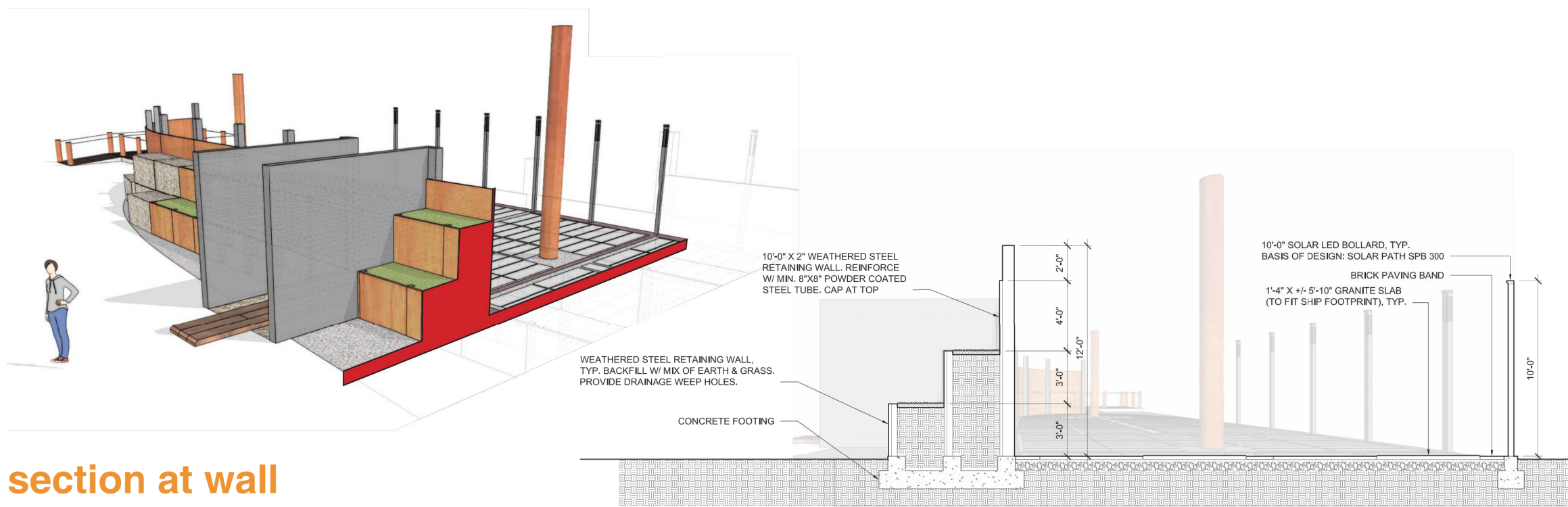
vhb **Baskerville**

Richmond SLAVE TRAIL

Improvements Spring 2018




section at opening



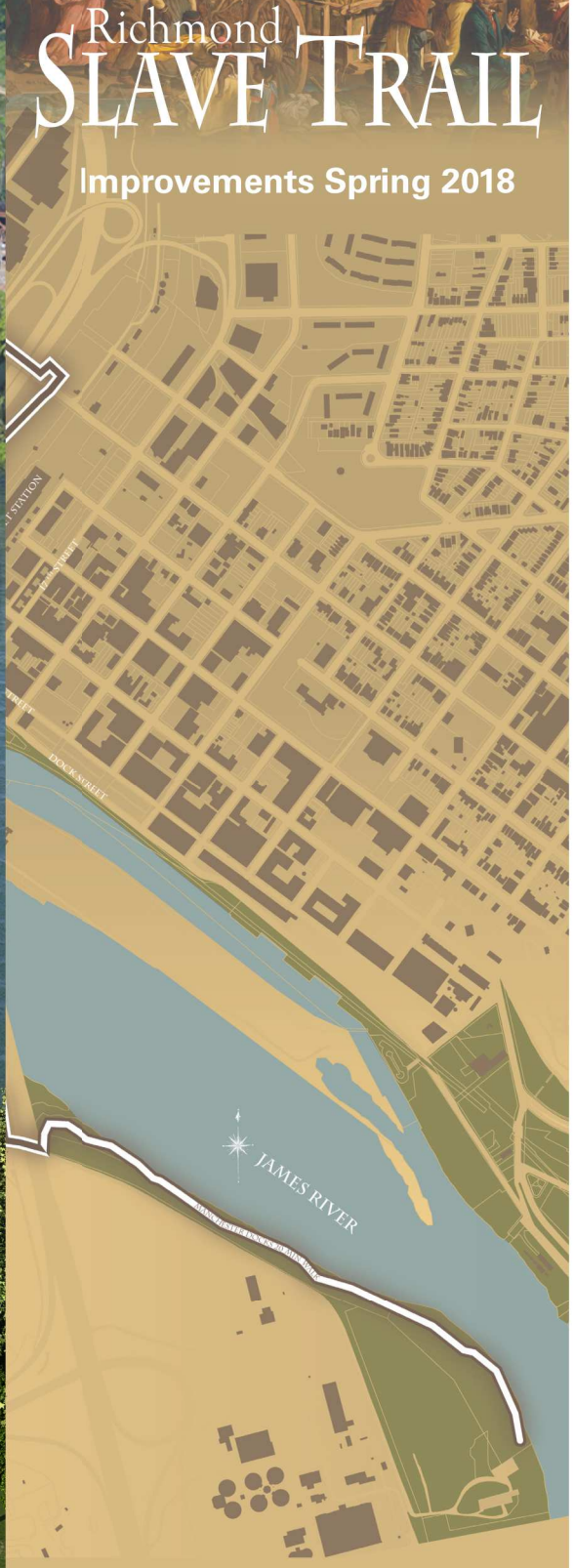
section at wall





Richmond SLAVE TRAIL

Improvements Spring 2018



JAMES RIVER

