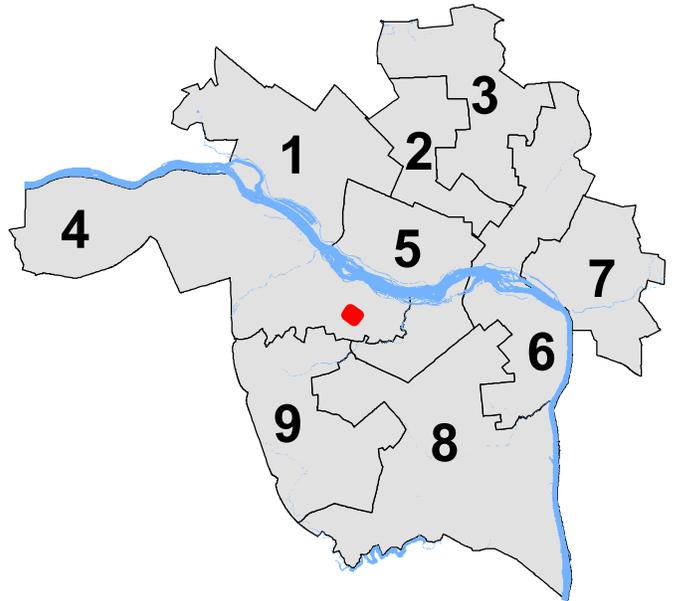# City of Richmond
Department of Planning & Development Review

Location, Character, and Extent

LOCATION: 1408 Westover Hills Boulevard

COUNCIL DISTRICT: 4

PROPOSAL: Final review of Richmond Public Library - Westover Hills Branch Site Improvents.

For questions, please contact Alex Dandridge at 646-6569 or alex.dandridge@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
www.richmondgov.com/CommitteeUrbanDesign

RICHMOND PLANNING & DEVELOPMENT REVIEW
PDR.

Application Type (select one)

Location, Character, & Extent   Encroachment
Section 17.05   Design Overlay District
Other:

Review Type (select one)

Conceptual
Final

Project Information   Submission Date: _____

Project Name: _____

Project Address: _____

Brief Project Description (this is not a replacement for the required detailed narrative):

Applicant Information (a City representative must be the applicant, with an exception for encroachments)

Name: _____   Email: _____

City Agency: _____   Phone: _____

Main Contact (if different from Applicant): _____

Company: _____   Phone: _____

Email: _____

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.**

Submittal Deadlines
The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission (CPC) 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.

Greening Richmond Public Libraries

IMPROVING THE HEALTH OF THE JAMES RIVER BY REDUCING STORMWATER POLLUTION

Westover Hills Branch

Project Description

The site is located on busy Westover Hills Boulevard, one property north of the intersection with Forest Hill Avenue. There is heavy vehicular and pedestrian traffic on these roads and in the adjacent alley; while the northern boundaries of the site are framed by a private residence and quiet one way Devonshire Road. This location offers tremendous opportunity to engage in environmental education. Site design and project management by Four Winds Design (2014-2019); graphic design by Katie Did Design (2020).

The site has already been improved with bioretention basins and native plantings.

This project is funded by a 319H grant from the Virginia Department of Environmental Quality and supported by staff hours from The James River Association. Site improvements funded by the above, The Alliance for The Chesapeake Bay, Westover Hills Library Advisory Group, and a private donor.

Construction is scheduled to begin as soon as approved by the UDC. Installation by JRA.
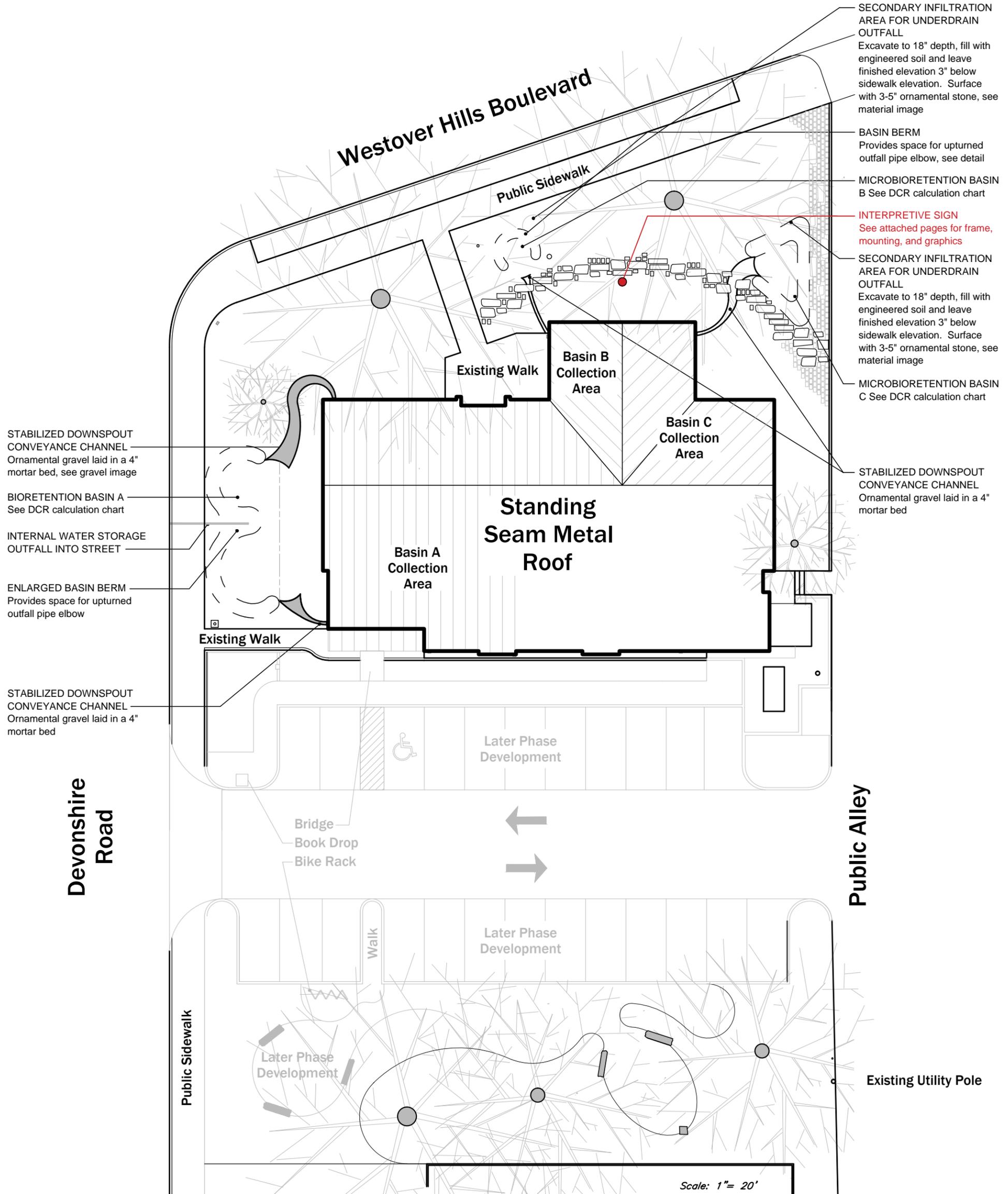
Maintenance Analysis

All maintenance to be performed by RPL staff.

Greening Richmond Public Libraries

IMPROVING THE HEALTH OF THE JAMES RIVER BY REDUCING STORMWATER POLLUTION

Westover Hills Branch Library

1408 Westover Hills Boulevard, Richmond, 23222

Westover Hills Boulevard

Public Sidewalk

SECONDARY INFILTRATION AREA FOR UNDERDRAIN OUTFALL
Excavate to 18" depth, fill with engineered soil and leave finished elevation 3" below sidewalk elevation. Surface with 3-5" ornamental stone, see material image

BASIN BERM
Provides space for upturned outfall pipe elbow, see detail

MICROBIORETENTION BASIN B See DCR calculation chart

INTERPRETIVE SIGN
See attached pages for frame, mounting, and graphics

SECONDARY INFILTRATION AREA FOR UNDERDRAIN OUTFALL
Excavate to 18" depth, fill with engineered soil and leave finished elevation 3" below sidewalk elevation. Surface with 3-5" ornamental stone, see material image

MICROBIORETENTION BASIN C See DCR calculation chart

Existing Walk

Basin B Collection Area

Basin C Collection Area

STABILIZED DOWNSPOUT CONVEYANCE CHANNEL
Ornamental gravel laid in a 4" mortar bed

Standing Seam Metal Roof

Basin A Collection Area

STABILIZED DOWNSPOUT CONVEYANCE CHANNEL
Ornamental gravel laid in a 4" mortar bed, see gravel image

BIORETENTION BASIN A
See DCR calculation chart

INTERNAL WATER STORAGE OUTFALL INTO STREET

ENLARGED BASIN BERM
Provides space for upturned outfall pipe elbow

Existing Walk

STABILIZED DOWNSPOUT CONVEYANCE CHANNEL
Ornamental gravel laid in a 4" mortar bed

Devonshire Road

Later Phase Development

Bridge
Book Drop
Bike Rack

Later Phase Development

Walk

Later Phase Development

Public Sidewalk

Later Phase Development

Public Alley

Existing Utility Pole

Scale: 1"= 20'
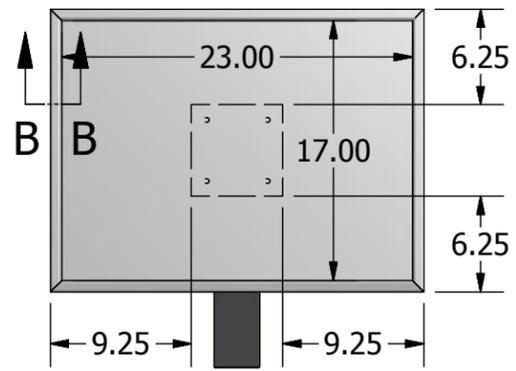
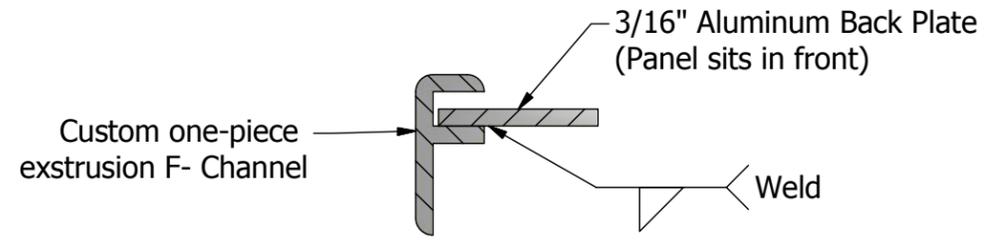NOTE: ALL ELEMENTS HAVE BEEN CONSTRUCTED EXCEPT THE INTERPRETIVE SIGN.

FOUR WINDS DESIGN, LC

INTERPRETIVE SIGN DETAILS
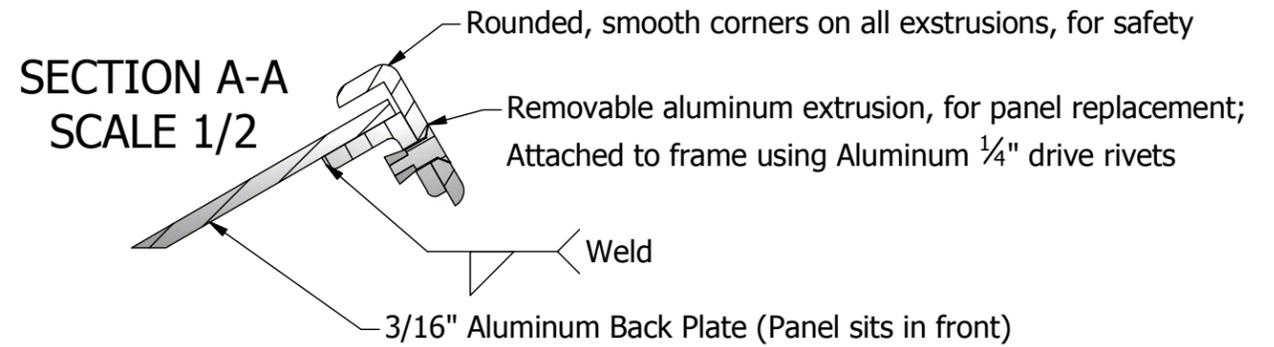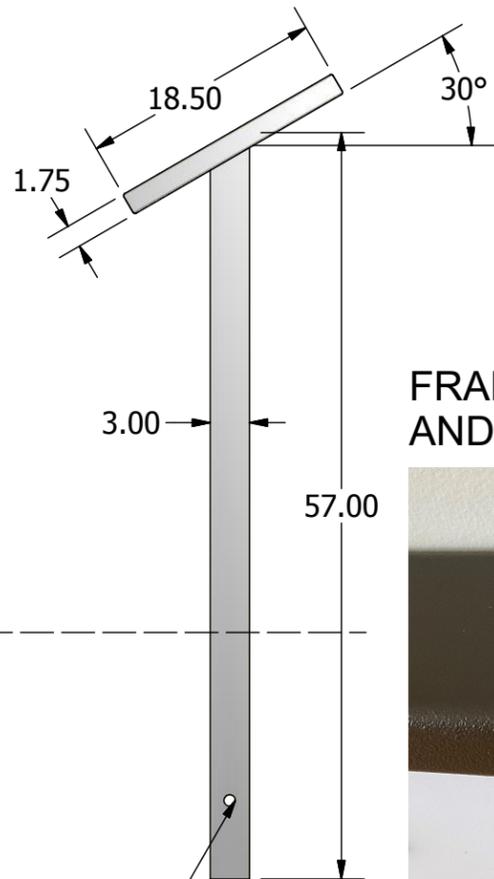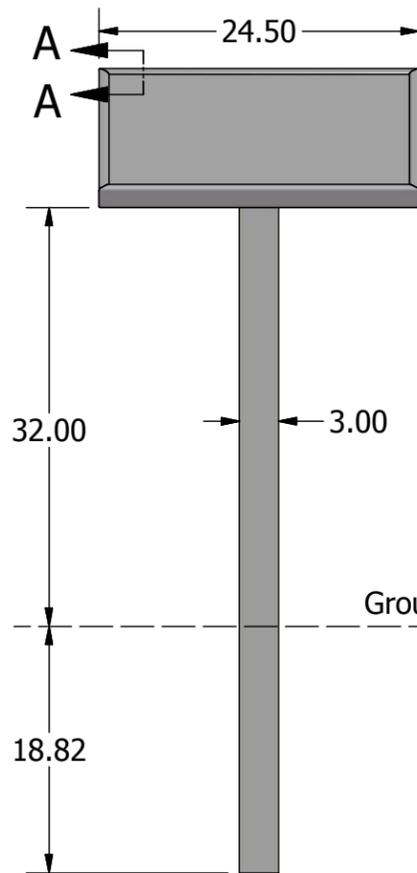For construction

Date: 11-12-20

Sheet 1 of 3

23.00

6.25

17.00

6.25

B B

9.25

9.25

Frame has weep holes drilled along bottom for water drainage

3/16" Aluminum Back Plate
(Panel sits in front)

Weld

SECTION B-B
SCALE 1/2

24.50

A
A

18.50

30°

1.75

3.00

3.00

32.00

57.00

Ground Level

Rounded, smooth corners on all exstrusions, for safety

Removable aluminum extrusion, for panel replacement;
Attached to frame using Aluminum ¼" drive rivets

SECTION A-A
SCALE 1/2

Weld

3/16" Aluminum Back Plate (Panel sits in front)

Custom one-piece exstrusion F- Channel

18.82

Holes for optional concrete reinforcement using steel rebar inserts

FRAME COLOR AND TEXTURE

MOUNTING PLATE
(leg to plate)

1.00

1.00

1.00

6.00

3.00

6.00

Post mounted to back of frame using 1/4" - 20 x 3/8" Stainless Steel Hex Drive Button Head Screws

3/16" Aluminum Mounting Plate

HARDWARE INCLUDED

Type	QTY	Image
1/4"-20 x 3/8" Stainless Steel Hex Drive Button Head Screws	4 each	
5/32" Hex Key	1 each	
1/4" Aluminum Drive Rivets	2 each	

Backfill

Concrete

Leg

Gravel

Direct Embed Detail
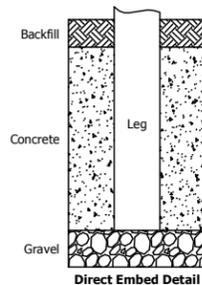
Single Pedestal Exhibit Base
James River Association

Frame Size: 24.5"w x 18.5"h
Trim Size: 23.875"w x 17.875"h
Visual Area: 23"w x 17"h
Frame Color:
Finish: der Coated Textured

* Post holes should be dug below the frost line depth. Pannier recommends height from ground to bottom of frame to be 32".

☐ Approved As Is
☐ Make Changes and Proceed
☐ Make Changes and Resubmit

CUSTOMER SIGNATURE

**Job #
91336**

**Qty:
1**

Date:
06/15/2020
Rev. #:
0
Drawn By:
MLE

Pannier

345 Oak Road
Gibsonia, PA 15044
Phone: 724.265.4900
Fax: 724.265.4300
www.PannierGraphics.com

Greening Richmond Public Libraries

IMPROVING THE HEALTH OF THE JAMES RIVER BY REDUCING STORMWATER POLLUTION

Welcome to Westover Hills Branch Library!

What is green infrastructure?

Green infrastructure practices include rain gardens, green roofs, and street trees that enhance our built environment for the benefit of humans and the ecosystem of which we are a part. Green infrastructure contributes to healthier communities by absorbing stormwater before it enters our rivers and streams, improving air quality, and reducing the urban heat island effect. It also provides habitat for wildlife living among us.

What is Stormwater Pollution?

Stormwater is a threat to the health of the James River and its tributaries. When rain and snow fall on impervious surfaces, such as roads or sidewalks, it picks up pollutants such as dirt, lawn fertilizers, bacteria from pet waste, or toxics like oil from cars, and becomes stormwater pollution.

RAIN GARDEN

What is a rain garden?

Rain gardens are shaped like bowls to capture stormwater after it rains or snows. After stormwater enters the gardens, it is filtered by layers of soil and absorbed by native plants. The rain gardens here at Westover Hills Branch Library act like sponges and contribute to a healthy environment by reducing the amount of stormwater pollution entering Reedy Creek and the James River.

What are native plants?

This rain garden contains native trees, shrubs, and grasses that are naturally found in Richmond. These native plants are adapted to thrive in our area and provide food and habitat for wildlife, such as insects and birds. You can become a River Hero Home by using native plants at home! Learn more at: JamesRiverHero.org

MIDLOTHIAN TURNPIKE
REEDY CREEK
WESTOVER HILLS BRANCH LIBRARY
Westover Hills Blvd.
Forest Hill Ave
FOREST HILL PARK
REEDY CREEK
JAMES RIVER
JAMES RIVER PARK SYSTEM

Join Ripple's Reading Buddies, inside the library!
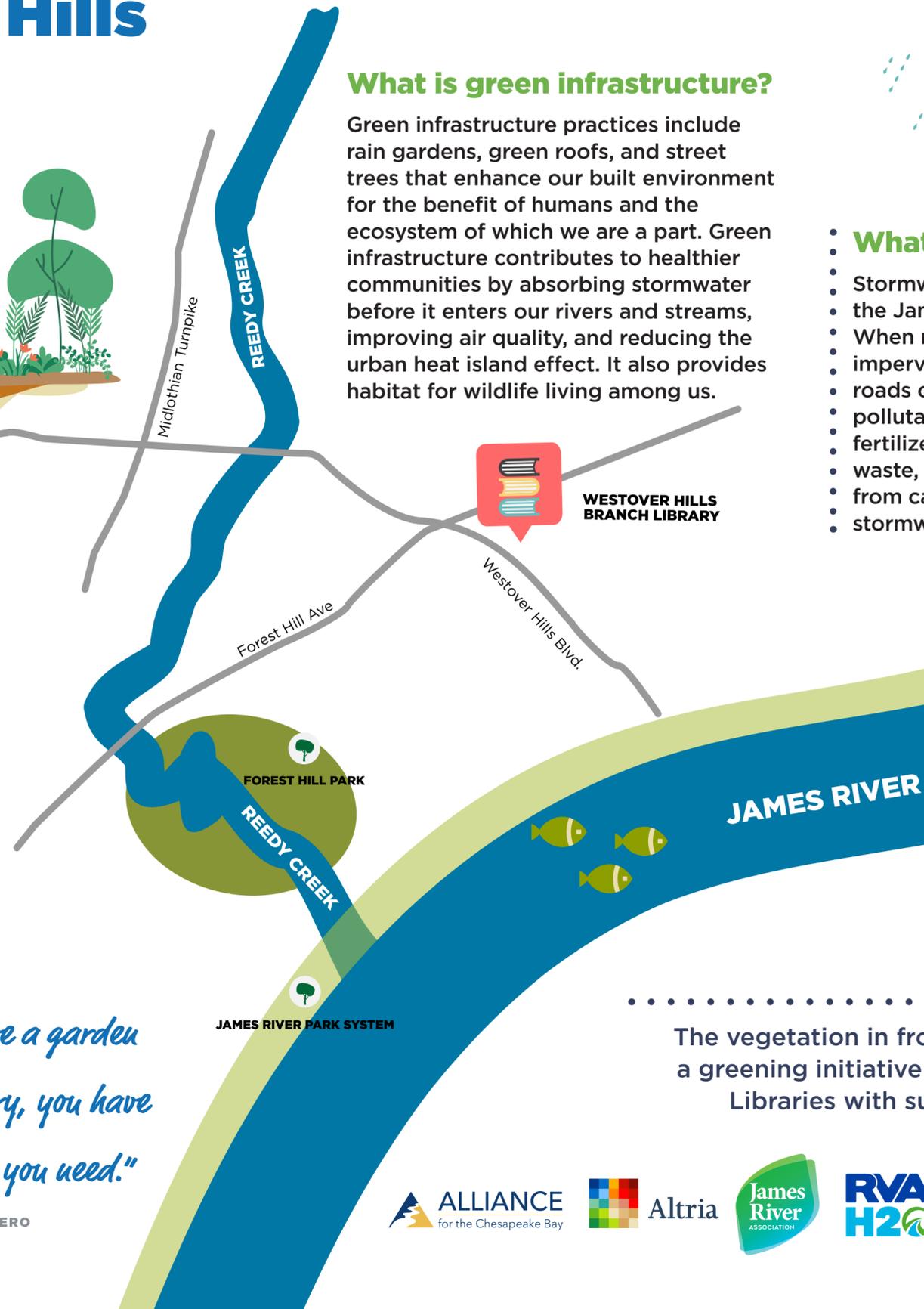
EASTERN REDBUD
(CERCIS CANADENSIS)

VIRGINIA SWEETSPIRE
(ITEA VIRGINICA)

SWITCHGRASS
(PANICUM VIRGATUM)

"If you have a garden and a library, you have everything you need."

—CICERO

The vegetation in front of you was planted as part of a greening initiative undertaken by Richmond Public Libraries with support from these organizations:

ALLIANCE for the Chesapeake Bay · Altria · James River ASSOCIATION · RVA H2O · RPL · UNITED STATES ENVIRONMENTAL PROTECTION AGENCY · DEQ Virginia Department of Environmental Quality