POTRERO GATEWAY
STREETSCAPE IMPROVEMENTS
PROJECT
PROJECT OVERVIEW

REVITALIZE AND RECONNECT THE POTRERO HILL NEIGHBORHOOD SEPARATED BY THE US 101 CREATING A GATEWAY AND SAFE PASSAGEWAY UNDER THE FREEWAY OVERPASS ALONG 17TH ST FROM VERMONT ST TO SAN BRUNO AVE

GOALS

• IMPROVE SAFETY ALONG THE CORRIDOR

• CREATE A MORE ATTRACTIVE PEDESTRIAN ENVIRONMENT

• IMPLEMENT BIKE SAFETY FEATURES

KEY ELEMENTS

• WIDENED SIDEWALKS & PEDESTRIAN BULB-OUTS

• PROTECTED BICYCLE LANES

• IMPROVED LANDSCAPING

• NEW FENCING

• ROADWAY DIET & PARKING MODIFICATIONS

• DECORATIVE PAVING
PROJECT TIMELINE

PLANNING
WINTER 2019

DESIGN
SUMMER 2020

ADVERTISE
FALL 2021

CONSTRUCTION
WINTER 2022

LATE 2022
STREETSCAPE IMPROVEMENTS
- Widened sidewalk
- Decorative paving
- Decorative crosswalk
- Pedestrian lighting
- Enhanced corners

LANDSCAPE ARCHITECTURE
- Fencing
- Planting
- Soil stabilization
- Sculpture

PUBLIC ART
- Sculpture

EXTENT OF WORK
- Vermont St.
- San Bruno Ave.
- 17th St.
- Marioposa St.

POTRERO GATEWAY
JUNE 2021
POTRERO GATEWAY
Public Art Proposal

Artists: Jason Kelly Johnson & Nataly Gattegno (Futureforms)

7/15/2021
Rather than create a single monumental gateway, this collection of sculptural planted objects celebrate local habitat networks by placing them front and center.
For the Potrero Gateway public artwork we propose to create a series of colorful planted forms that help highlight and support the neighborhood’s biodiversity.

They create ecological stages for display, interaction, participation and celebration.
Each planter in this network creates a unique “ecological stage” for the interaction of plants, insects, birds and humans. Like pearls on a necklace, each woven stage is planted to create an attractive stepping stone for species populations.

These curvaceous waystations stitch the site together along and help complete the Potrero Loop concept and biodiversity restoration. They help tie together future community gardens along Vermont Street and the Potrero Gateway Eco-patch, Benches Park, Fallen Bridges Park, and future gardens along San Bruno.
Neighborhood Inspirations
The planted artworks help reinforce the neighborhood's desire to build community around **art, ecology and public space**. These sculptural objects are meant to promote the interaction of plants, insects, birds and humans.
Concept Board 1 | Connecting Ecologies

Vermont St “Ecopatch” Demonstration Garden by Field Collective

- Stepping stones, string of habitats
- Potrero Native Patch Network
- Providing wildlife habitat and restoring biodiversity
- Connect with neighbors

Community Pollinator
- Invites you to move around and experience the site, the hill, the landscape

Community Arboretum?
- Precious plants, native species, butterflies are placed front and center

A “stage” for ecological processes
- Putting plants, bugs and birds front and center

Drought tolerant plants, native plants, a demonstration garden...
- Intertwined within a concrete jungle of transportation infrastructure is a garden of earthly delights...

Experimental, monitoring?, Naturalist
- Eco-patch meets art and public space, infrastructure

Bay Checkerspot Butterfly
- Bees

Local Butterflies of the San Francisco Bay Area
- Local Birds of the San Francisco Bay Area

FutureForms
The artwork’s woven biomorphic forms are meant to evoke a multitude of meanings: from Ohlone Native American **canoes woven out of Tule reeds** (the marshy edges of Mission Bay were just a stone’s throw from the site), to **mysterious garden topiary creatures**. They would bring a stream of color, creative energy and imagination to an otherwise forgotten site.

Canoes and other objects woven out of Tule Reeds by the Ohlone Indians. The Potrero Gateway is situated on the unceded territories of the Ohlone peoples.
SFPW Base Materials Provided to Artist | Location, Lighting, Walls
WEST
W1 = 11' X 6' X 8'
W2 = 17' X 11' X 9'
W3 = 13' X 8' X 8'

EAST
E1 = 7' X 13' X 9'
E2 = 7' X 12" X 11'
1. ¼" Galvanized Steel Plant Wells allow roots to grow into the ground

2. Sculptural elements are bolted to both the plant well and the retaining wall

3. Soil, plantings, irrigation and lighting are incorporated by SFPW and the community
¼" Galvanized Steel Plant Wells allow roots to grow into the ground

1" diameter steel tubing and 0.25" thick laser-cut ribs with 3-part Fluoropolymer “Tnemec” epoxy based paint system

Pockets for succulents and flowering hanging plants.

Deep well planter “stages” for hummingbirds and butterflies

¼" Galvanized Steel Plant Wells allow roots to grow into the ground
Pocket membranes for succulents and flowering hanging plants.

1" diameter steel tubing and 0.25" thick laser-cut ribs with 3-part Fluoropolymer “Tnemec” epoxy based paint system

Mulch Layer (by others)

Soil (by others)

Integrated LED Lighting (optional by others)

Membrane Barrier

Concrete Retaining Wall (by others)

1¼” Galvanized Steel Plant Wells allow roots to grow into the ground

Opening for clean-out (at front and back of planter)

Note: Thanks to Fletcher Studio Landscape Architects for their initial consultation. We would work with SFPW, Community Partners, Maintenance and others to ensure design is functional and easy to maintain.
DRAFT FINISH SPEC:

Surface Preparation for carbon steel: SSPC SP6/NACE No. 3 Commercial Blast Cleaning with an anchor profile of 2.0 mils minimum

1. Prime Coat: Prime with **Tnemec Series 90-97 Tneme-Zinc** applied at 2.5 to 3.5 mils Dry Film Thickness

2. Intermediate Coat: Apply one intermediate coat of **Tnemec Series 1095 Endura-Shield** applied at 4.0 to 5.0 mils Dry Film Thickness in one spray-applied high-build coat or two coats at 2.0 to 3.0 mils DFT each.

3. Finish Coat: Apply one full finish of **Tnemec Series 1078V Fluoronar Metallic** air-spray-applied at 2.5 to 3.5 mils Dry Film Thickness

Total DFT: 9.0 to 12.0 mils
DRAFT MAINTENANCE PLAN:

MONTHLY:
1. Surface clean artwork (wipe with water and/or low pressure spray) to remove dust, dirt, bird droppings, infestations, stickers, trash, unwanted debris or plant growth.
2. Inspect artwork for vandalism, damage, corrosion, other maintenance issues.
3. Record work and inspection observations in an artwork log and note any items that may require future maintenance.

YEARLY:
1. Deep clean artwork (wipe with soapy water and low pressure spray) to remove dust, dirt, bird droppings, infestations, stickers, trash, unwanted debris or plant growth.
2. Perform cosmetic paint touch-up if needed.
2. Inspect artwork for vandalism, damage, corrosion, other maintenance issues.
3. Record work and inspection observations in an artwork log and note any items that may require future maintenance.