





Festival Beach Food Forest:

Growing edible forest gardens on public land that
nourish, educate, and inspire.

Christopher Sanchez

City of Austin Parks & Recreation Department
Culture & Arts Education Specialist
Zilker Botanical Garden | Wildlife Austin

Elizabeth Carrera

Festival Beach Food Forest
Core Team | Volunteer Coordinator
Landscape Architectural Designer

Top 9 Benefits of a Food Forest in Your Public Park:



Welcomes Visitors A unique tranquil public space that encourages and attracts visitors interested in Permaculture, reconnection with nature and edible landscapes.

Educates Informs visitors about edible plants that thrive in Central Texas, water conservation strategies, and soil building techniques.

Builds Soil Builds biodiversity and feeds soil organisms while reducing soil erosion.

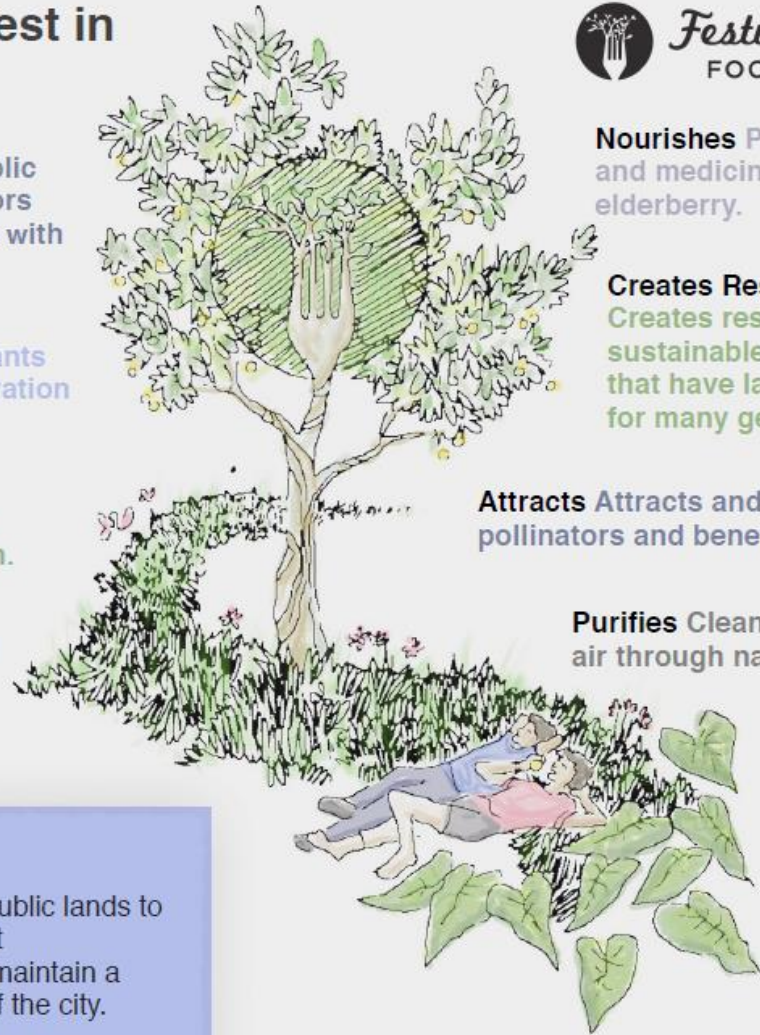
Engages Communities for people interested in food sovereignty, growing food locally, medicinal qualities of plants and more.

About Us:

Our mission is to grow edible forest gardens on public lands to nourish, educate, and inspire. We are a non-profit organization and a group of volunteers that help maintain a seven layer food forest, open to all, in the heart of the city.

Make an impact & come to our Second Saturday Workdays every month!

www.festivalbeach.org
contact@festivalbeach.org
25 1/2 Waller Street, Austin, TX 78702



Nourishes Provides food and medicinal plants, like elderberry.

Creates Resilience Creates resilient and sustainable landscapes that have lasting potential for many generations.

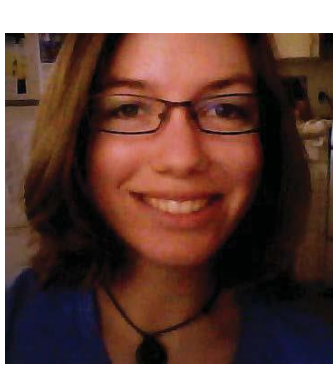
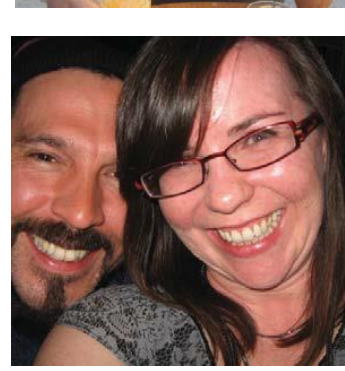
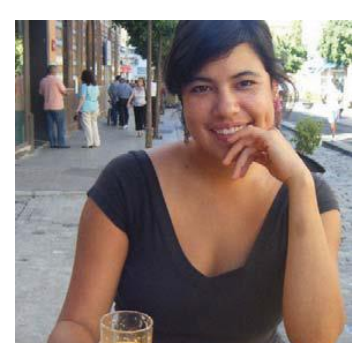
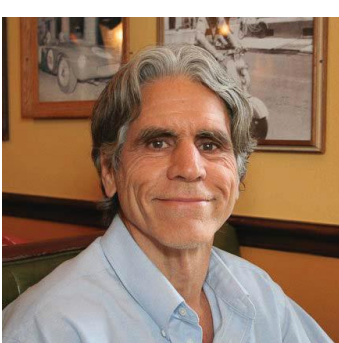
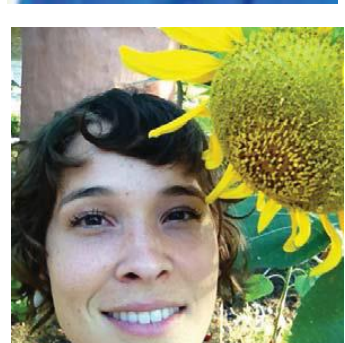
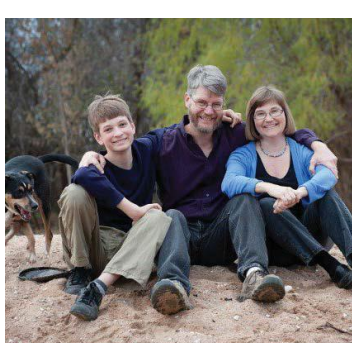
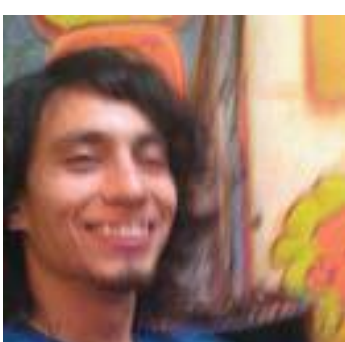
Attracts Attracts and supports pollinators and beneficial insects.

Purifies Cleans water and the air through natural process.

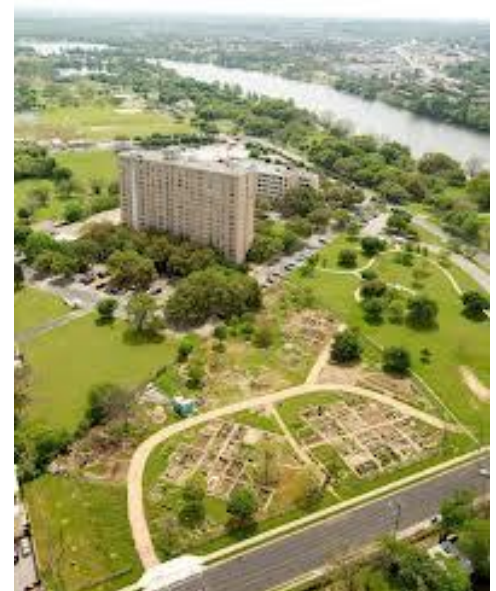
Carbon Sequestering Captures carbon from the atmosphere through photosynthesis and stores it underground in organic matter.

Foundational Visions

- Regeneration of the land
- Free food for all
- Restoring relationships between ourselves, our land, and others in our community



Growing Food, Growing Community



TRANQUILITY – HEALTH – JUSTICE – COMMUNITY – NATURE – DIVERSITY – ABUNDANCE

HOLLY SHORES/EDWARD RENDON SR. AT FESTIVAL BEACH MASTER PLAN AREA



FESTIVAL BEACH
COMMUNITY GARDEN

MARTIN
MIDDLE SCHOOL

REBEKAH BAINES
JOHNSON CENTER

MARTIN POOL

JOHNNY
DE GOLLADO
PAVILION

FORMER FIRE
DEPARTMENT
BUILDING

BOAT RAMP

LAGOON

FIESTA
GARDENS

LORRAINE "GRANDMA"
CAMACHO ACTIVITY
CENTER

HOLLY POWER
PLANT

METZ RECREATION
CENTER

COOLING POND

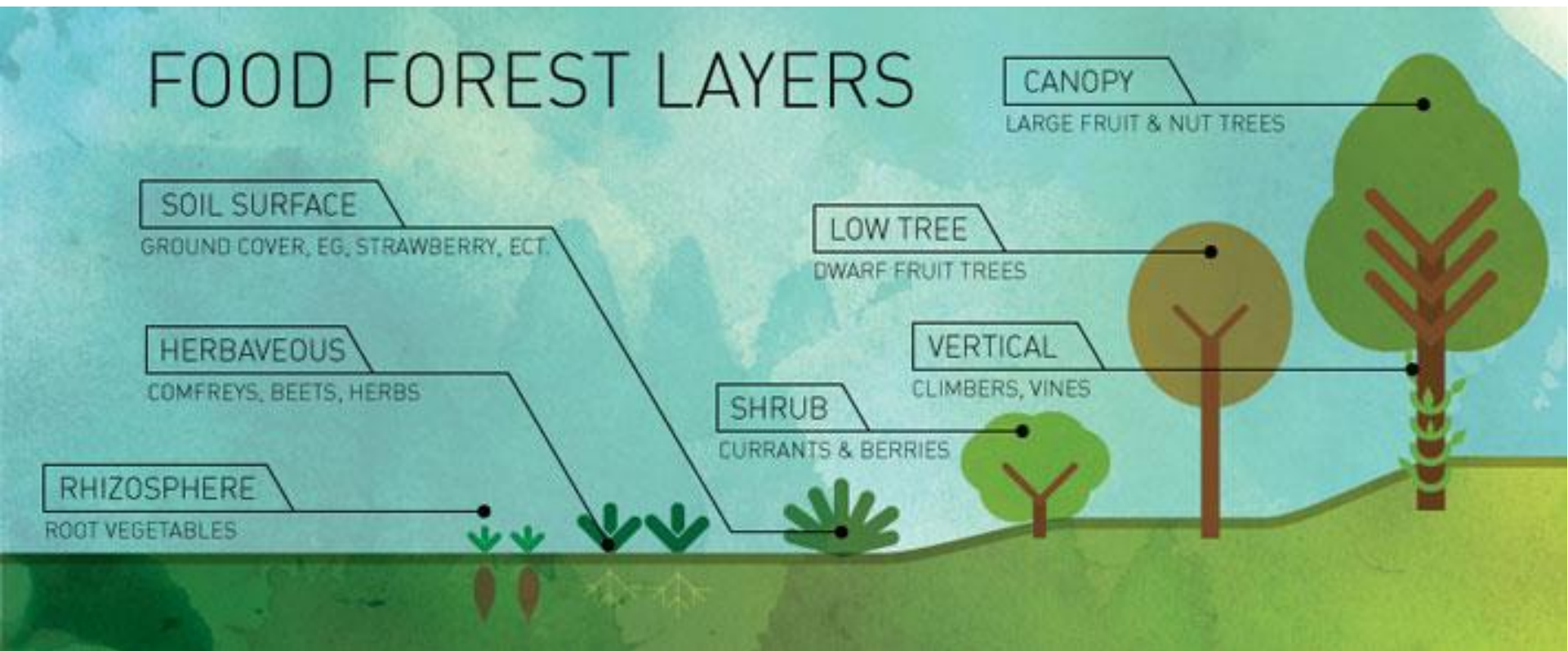
LONGHORN
DAM

Growing Food & Community in Seattle

Beacon Food Forest Schematic Site Plan



What *is* a Food Forest?

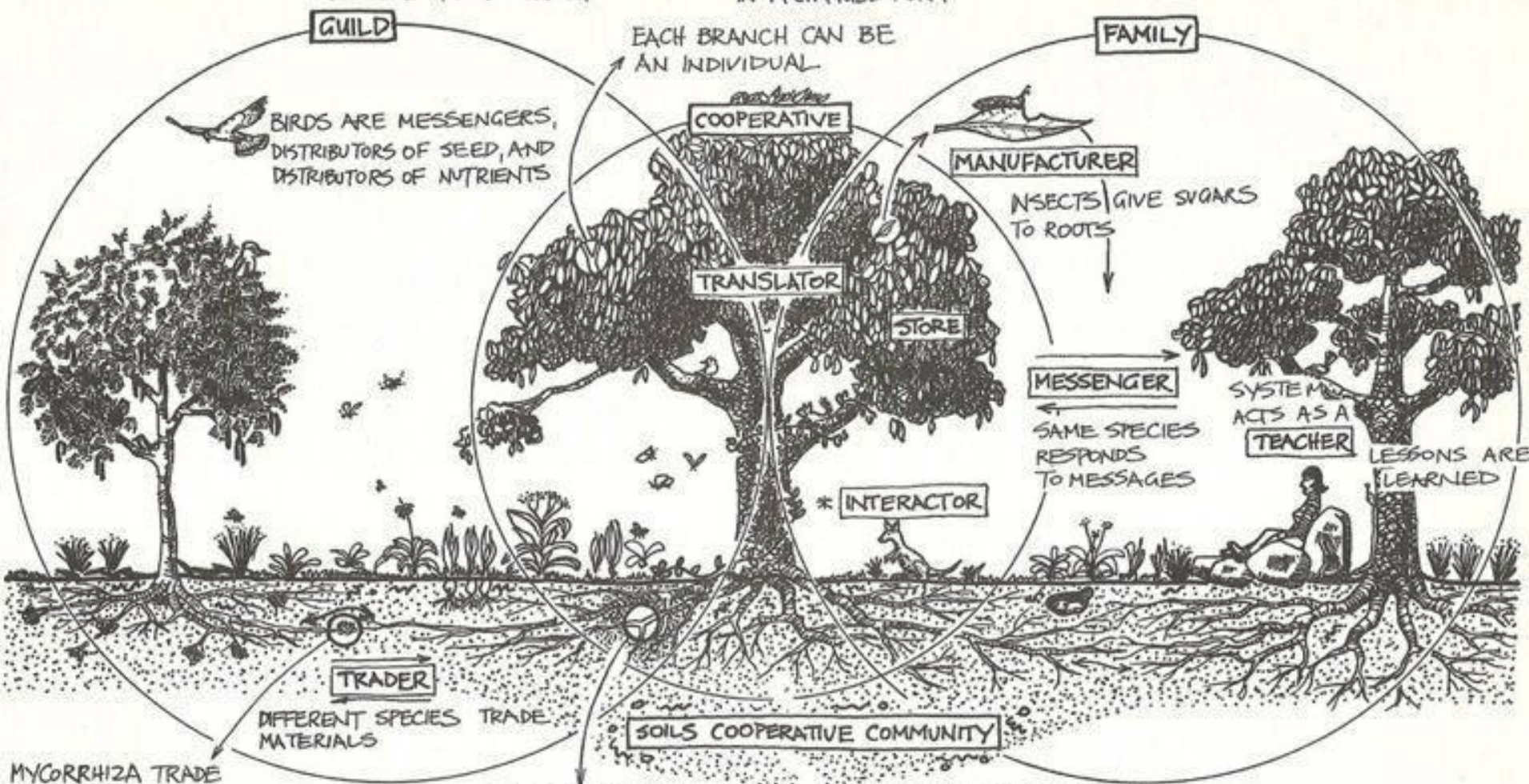


ENERGY & GASSES ENTER AND ARE CHANGED.

THE GUILD SUPPLIES COMPLEX PROTECTION AND SUPPORT

MATERIALS LEAVE IN A CHANGED FORM

ENERGY & GASSES LEAVE IN A CHANGED FORM



GLILD

FAMILY

BIRDS ARE MESSENGERS, DISTRIBUTORS OF SEED, AND DISTRIBUTORS OF NUTRIENTS

EACH BRANCH CAN BE AN INDIVIDUAL

COOPERATIVE

MANUFACTURER

INSECTS GIVE SUGARS TO ROOTS

TRANSLATOR

STORE

MESSENGER

SAME SPECIES RESPONDS TO MESSAGES

SYSTEM ACTS AS A **TEACHER**

LESSONS ARE LEARNED

* **INTERACTOR**

TRADER

DIFFERENT SPECIES TRADE MATERIALS

SOILS COOPERATIVE COMMUNITY

MYCORRHIZA TRADE NUTRIENTS

LEGUMES AND OTHER SPECIES FIX AND SUPPLY NUTRIENTS

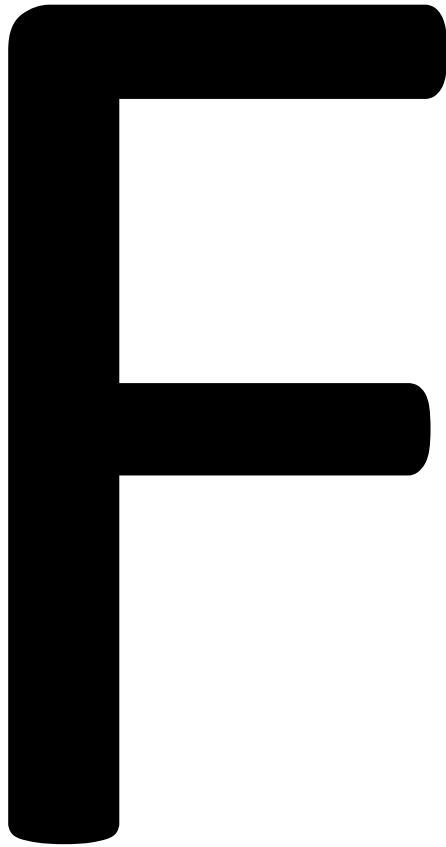
EACH ROOT CAN BE AN INDIVIDUAL

MATERIALS ENTER AND ARE CHANGED

* ANIMALS ARE INTERACTORS, AND MESSENGERS, AND DISTRIBUTORS OF NUTRIENTS.

A GUILD IS A COMMUNITY OF PLANTS AND ANIMALS. TREE CONTROLS HEALTH AND BREEDING OF BROWSERS.

CHEMICAL MESSAGES TO THE SAME & OTHER SPECIES



OOD

ODDER

IBER

(PH)ARMACEUTICALS

UN

UEL

ERTILIZERS

Plant uses:

- Edible fruits and berries
- Edible mast/ nuts
- Edible leaves, stalks and shoots
- Edible roots
- Culinary herbs and spices
- Teas
- Other edible parts (flowers, seeds, pods, grains)
- Edible mushrooms
- Superfoods and medicinal plants
- Coppice species

Plant functions:

- Nitrogen fixing
- Dynamic accumulators
- Wildlife (food & shelter plants for beneficial birds, insects, spiders, invertebrates, etc.)
- Nectary calendar (for hummingbirds, generalist and specialist nectary species)
- Ground covers
- Aromatic pest confusers

Drawbacks:

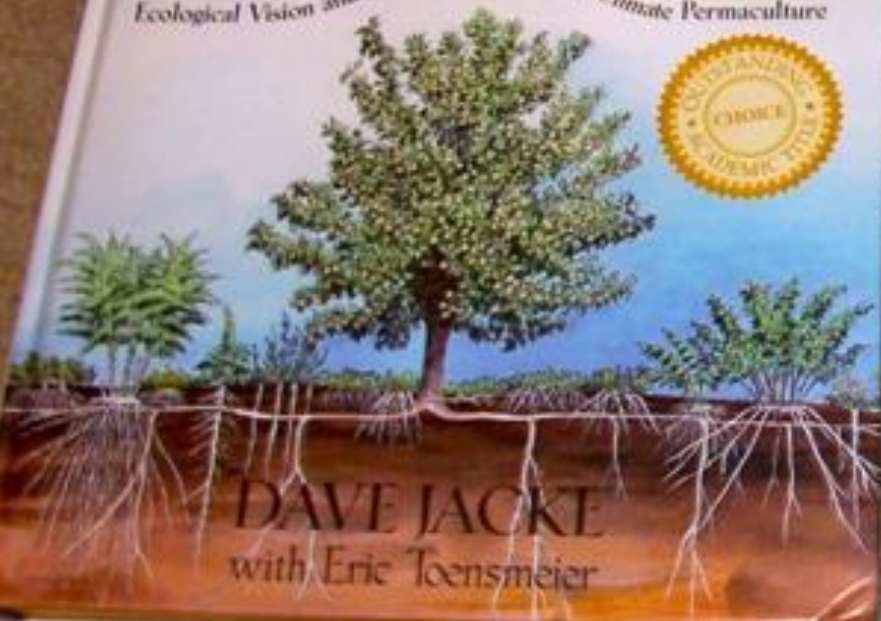
- Nuisances and poisonous plants

VOLUME ONE: VISION & THEORY

EDIBLE FOREST GARDENS



Ecological Vision and Theory for Temperate Climate Permaculture

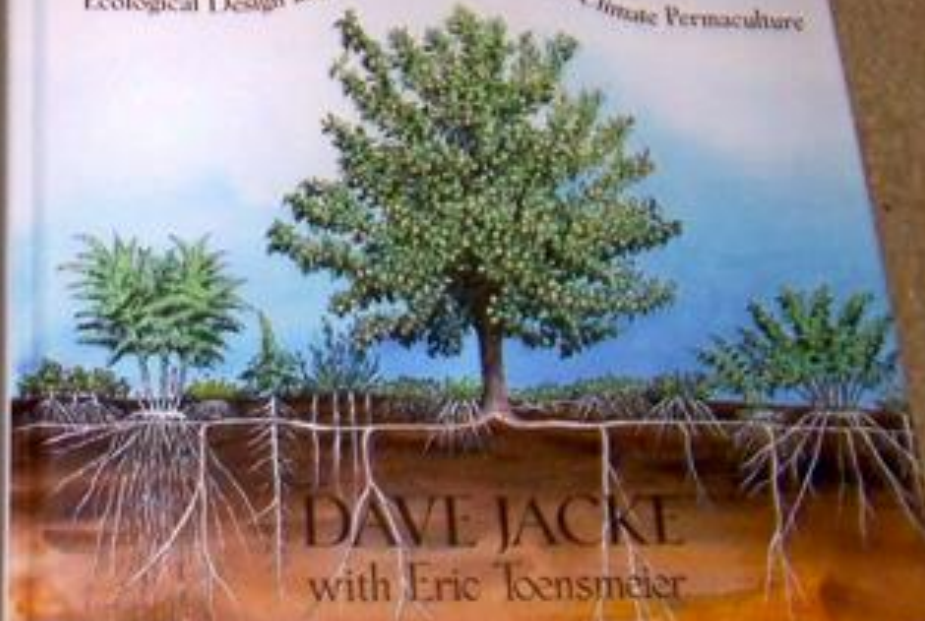


DAVE JACKE
with Eric Toensmeier

VOLUME TWO: DESIGN & PRACTICE

EDIBLE FOREST GARDENS

Ecological Design and Practice for Temperate Climate Permaculture

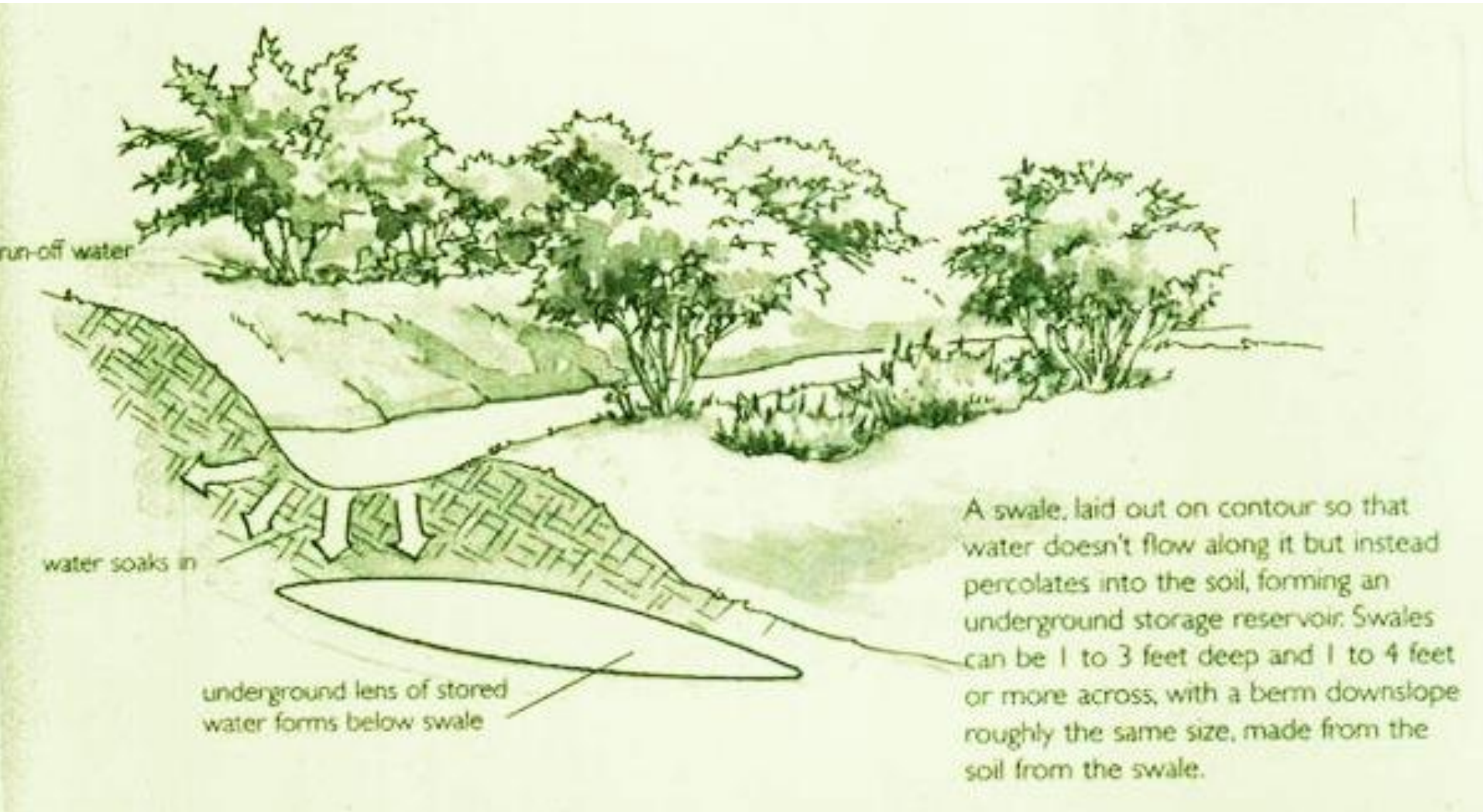


DAVE JACKE
with Eric Toensmeier

Earthworks- Passive rainwater catchment through berms and swales



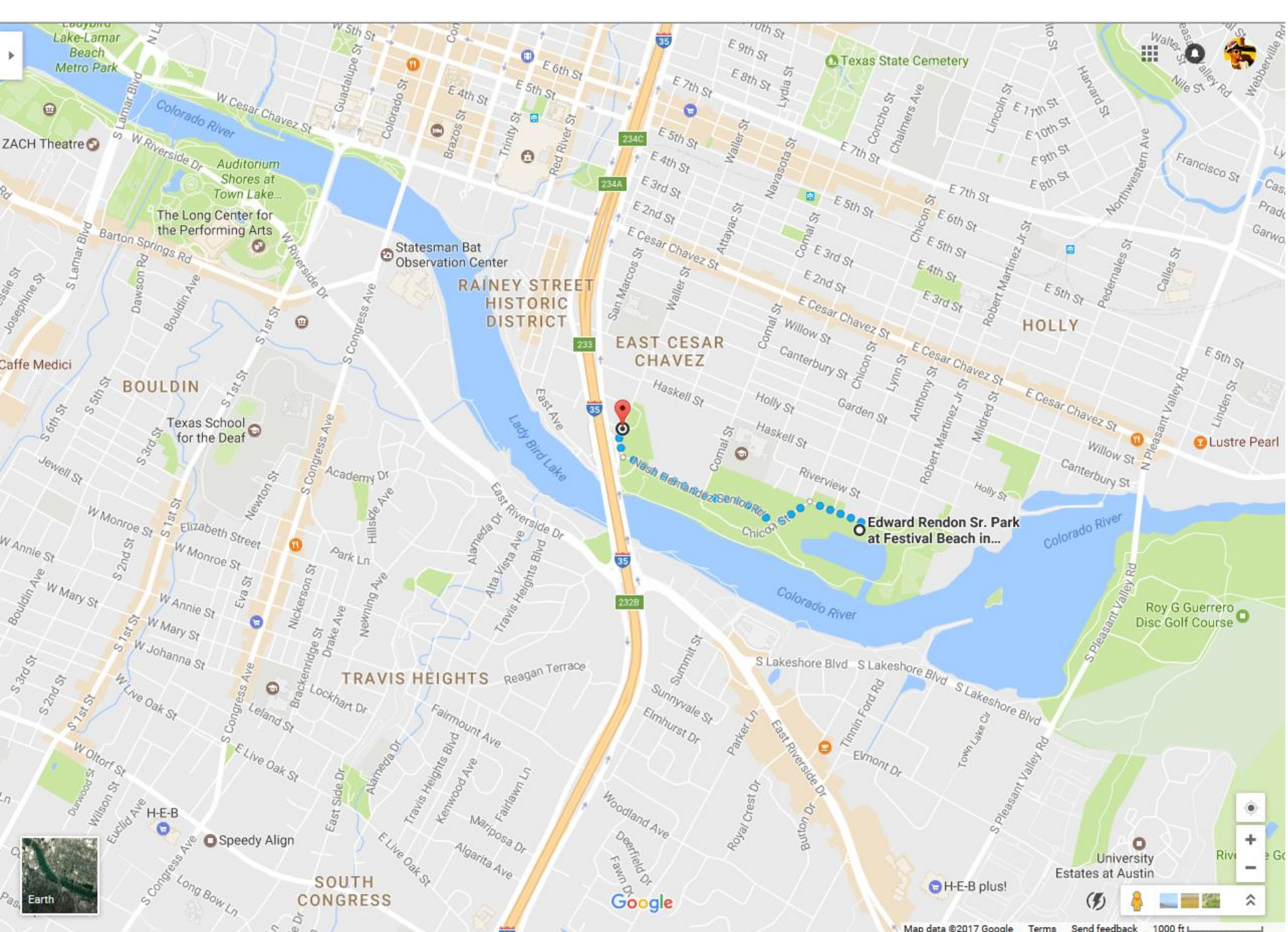
Catching all water runoff and allowing it to slowly soak into the soil



Location: 21 Waller Street, Austin, Texas 78702
Area: 2.43 acres

Site





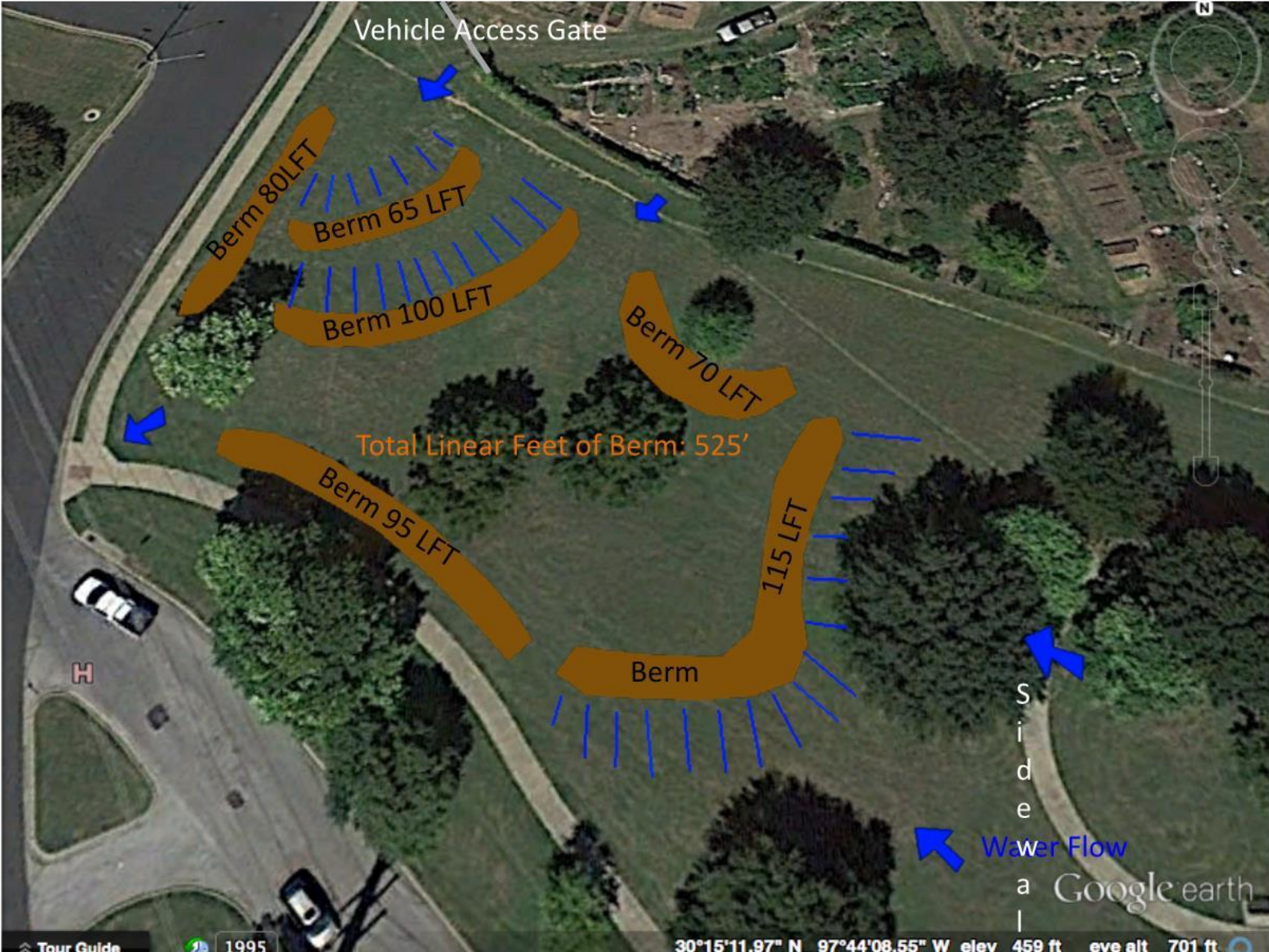
Earth

Google

University
Estates at Austin

H-E-B plus!





Vehicle Access Gate

Berm 80 LFT

Berm 65 LFT

Berm 100 LFT

Berm 70 LFT

Berm 95 LFT

115 LFT

Berm

Total Linear Feet of Berm: 525'

S
i
d
e

Water Flow

Google earth



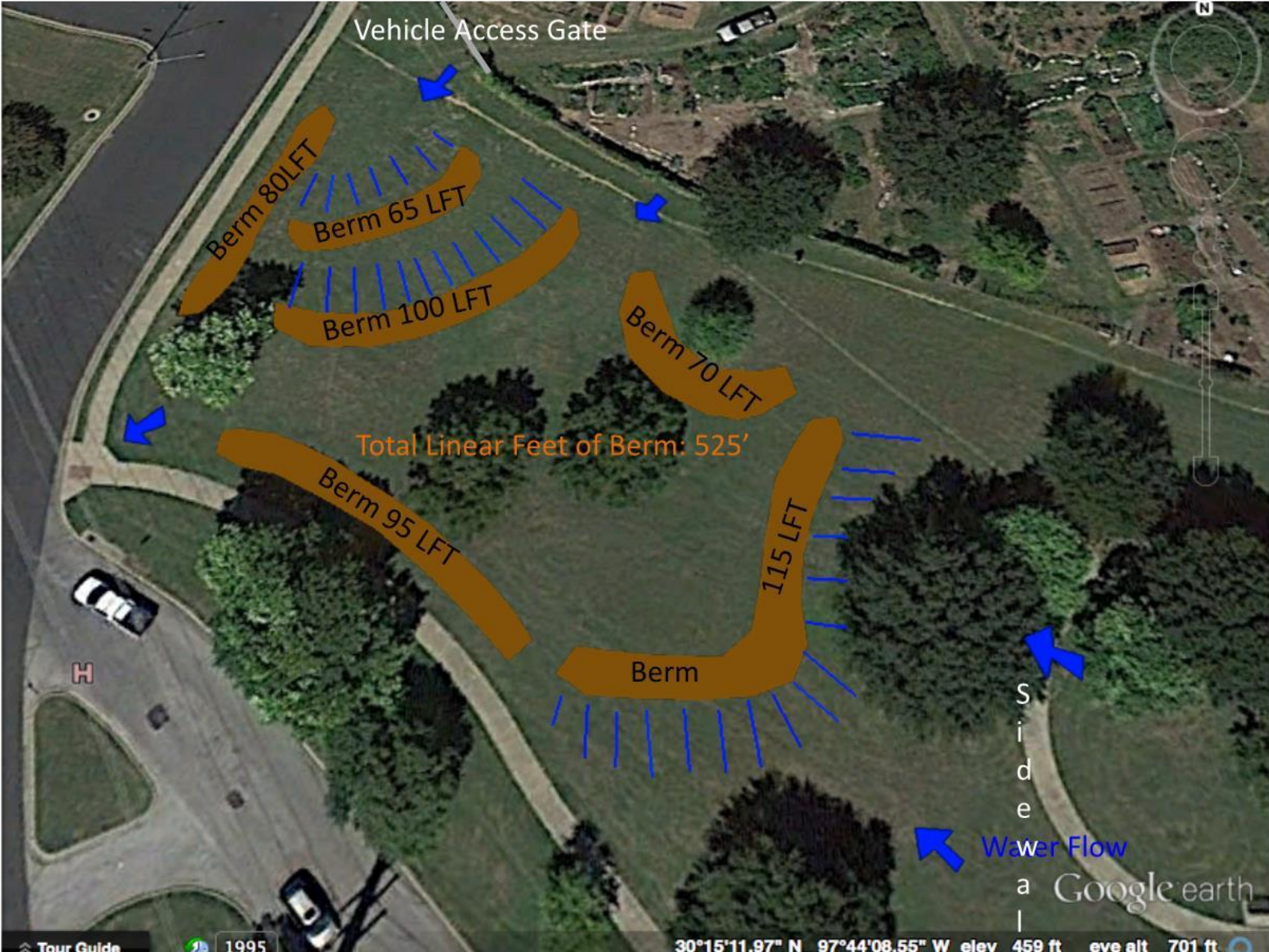












Vehicle Access Gate

Berm 80 LFT

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Total Linear Feet of Berm: 525'

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Berm

S
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Water Flow

Google earth























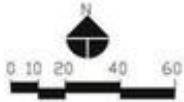
Plant Guilds:
 Each location around the food forest will have specific plant guilds. Guilds are groupings of plants and other components that have a symbiotic relationship which in turn builds a larger whole community or micro ecosystem all working together for optimum performance. Plants with soils, microbes, insects, birds and other wildlife contribute to a whole system producing food or supporting food production.

The Community Spiral:
 The spiral is a central organizing metaphor for our community, our message of free, local, healthy food, spiralling outward to embrace our whole community. Spread outward to touch our neighbors. Ever-spiralling outward to spark new initiatives of food security and strengthening community bonds.
 The spiral will take on many forms from archways and gateways to seat walls and patterns on the ground. Different sections will have different characters as differing ideas or groups dedicate themselves and their stories to the spiral sections.

Rainwater Harvesting:
 Four cisterns are located around the spiral for storing rainwater. When the RBJ redevelopment occurs, it is our sincere hope that this project will benefit from rainwater capture from RBJ roof surfaces. The spiral in this section will have a continuous aquaduct that will fill all four cisterns in the rainy season to be used for irrigation throughout the year.

The Community Garden Shed:
 Our community envisions a multi-purposed structure that will be located on the boundary between the existing Festival Beach Community Garden and the Food Forest. The building will be symbolic in that we are reaching out to the community garden with a new facility for our shared use. We share our resources; we share our water.
 We are neighbors, brothers and sisters in celebrating the bounty of the earth.

Light & Shade:
 A variety of micro-climates are necessary including varying amounts of sunlight that reaches into a garden. The 1st phase will be planted with many trees and being young trees, there will be plenty of light allowing for sun-loving plants to thrive. As time passes and trees grow providing more shade, the sun-loving plants will migrate or transplant to later phases toward the RBJ redevelopment.



vista
 Planning & Design

Vista Planning & Design
 Site Planning
 Master Planning
 E. Mitchell Wright ASLA, AICP, LEED AP
 115 Sugar Beach Dr.
 West Lake Hills, Texas 78746
 (512) 678-8274
 info@vistaplanning.com

Festival Beach Food Forest
 Sponsored, Planned & Located by
East Ffest 2022
 In partnership with the wonderful people
 including City of Austin Parks and Recreation Department
 and Festival Beach Community Garden

Sheet Number
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WHAT CAN YOU DO IN A PUBLIC FOOD FOREST?

...ESPECIALLY AUSTIN'S VERY OWN?

Festival Beach
FOOD FOREST

TAKE PEACHES HOME
AND MAKE A PIE



BE IN WONDER



BRING YOUR KIDS
AND FIND OUT
WHAT A LOQUAT IS



BE AN ARTIST



READ A BOOK
WITH FAMILY
IN THE SHADE



LEARN ABOUT SEEDS AND
GROWING THE BEST HERBS



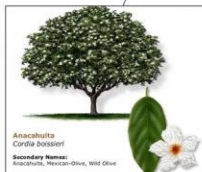
READ A BOOK
WITH FAMILY
IN THE SHADE



HELP TAKE CARE OF
THE FOREST



LEARN ABOUT HOW
BERMS AND SWALES
CONSERVE OUR
PRECIOUS WATER



Alnus incana
Cork Oak
Secondary Names:
Honeylocust, Honey-Olive, Wild Olive

FIND OUT WHICH
LEAVES CAN
HELP WITH A
COMMON COLD



RUN ALONG A
GIANT LIMESTONE
SPIRAL



PICK DEWBERRIES
AND HANG OUT
WITH YOUR BUDDIES



HELP MAKE IT A REALITY! WWW.FESTIVALBEACH.ORG

Festival Beach Circulation and Signage Plan

Pathways and Benches:

- P1 - Existing 6' concrete sidewalk
- P2 - ADA accessible Decomposed Granite path (6,800 s.f.)
- P3 - StaLock polymer paving material at high drainage area (300 s.f.)
- P4 - Mulched pathways
- P5 - Curb cut at existing sidewalk (130 s.f.)
- B1 - Trex park bench (9)

Signage:

- S1 - Forest Plan: Fruiting varieties, pollinator species, etc. Community stewardship makes it thrive. (1 @ 4'x2.5')
- S2 - Permaculture Strategies: Low water, berms and swales, self sustaining, guilds, etc. (2 @ 4'x2.5')
- S3 - Educational Signage: When to pick, guild descriptions, etc. (40 @ 8"x10")
- S4 - Plant ID Signage: Individual tree/plant ID, picture in full bloom, medicinal qualities, etc. (110 @ 5"x6")
- S5 - Surprising and fun signs!



S1



S2



S3



S4



S5



S5



Vista Planning & Design

Landscape Architecture
Site Planning
Master Planning

taniguchi architects

Festival Beach Food Forest
25 1/2 Waller Street, Austin TX 78703



Circulation and Signage Plan

SP1

Festival Beach Food Forest

Our mission is to grow edible forest gardens on public lands to nourish, educate, and inspire. We are a non-profit organization that helps maintain a seven layer food forest, open to all, in the heart of the city. A unique tranquil public space that encourages and attracts visitors interested in Permaculture, reconnection with nature and edible landscapes.

Top 10 Benefits of a Food Forest

Builds Soil

Creates Biodiversity

Provides Food

Sequesters Carbon

Grows Medicinal Herbs

Educates Visitors

Wildlife Habitat

Filters Water

Attracts Pollinators

Recharges the Aquifer

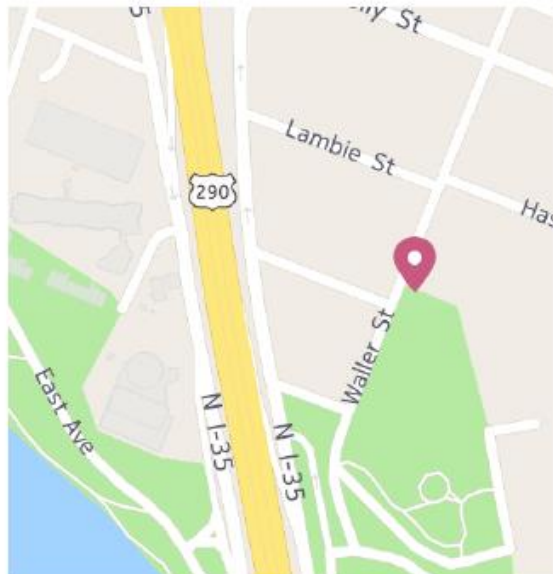
2nd Saturday Volunteer Site Maintenance Day

2nd Saturday Volunteer Site Maintenance Day every month is where we focus on mulching, weeding, and educating volunteers. If you want to learn about healthy soil creation and forest gardening this is a great way to get hands on experience. We welcome all volunteers who want to be part of a community interested in food sovereignty, growing food locally, medicinal qualities of plants and more.

www.festivalbeach.org

contact@festivalbeach.org

25 1/2 Waller Street, Austin, TX 78702



Meet Zachary

Captain of site maintenance and planting. Zach watches over the food forest, mows the grass and supplies a lot of tools for volunteers to use during site maintenance days.



It's My Park Day - Spring

Welcome to Festival Beach Food Forest. Today we are building soil on the berms and suppressing weeds with sheet mulch...blah blah blah...need more content.



Photo: Taelor Monroe

www.austinpermacultureguild.com

Sheet Mulch Layers

1. Existing Soil - Water well the night before
2. Existing Vegetation - Next day chop and drop. Remove woody material.
3. Soil Amendments - Next day, add any soil amendments to adjust soil ph or add trace minerals on the basis of soul test results.
4. High Nitrogen Material - Poke holes in the soil with a spade fork and add a thin layer of high nitrogen material to attract worms and burrowing beetles.
5. Sheet Mulch - Layer cardboard to smother existing plants. Overlap edges by 6 inches.
6. Nitrogen Material - Lay down a thin layer of manure, meal or fresh grass clippings to entice worms through the decomposing sheet mulch layer.
7. Bulk Mulch - Lay down 8-12" of hay, wood shavings or straw. For best composting add some nitrogen to this layer. Spray on water to make damp, but not wet.
8. Compost or Soil - Add 1-2" of compost or soil.
9. Seed Free Organic Matter Mulch - Add 1-2" of straw, fine bark, wood shavings or landscape mulch.

Three simple steps to help protect soil life:

- Manage More by Disturbing Soil Less
- Keep a Living Root Growing Throughout the Year
- Keep the Soil Covered as Much as Possible

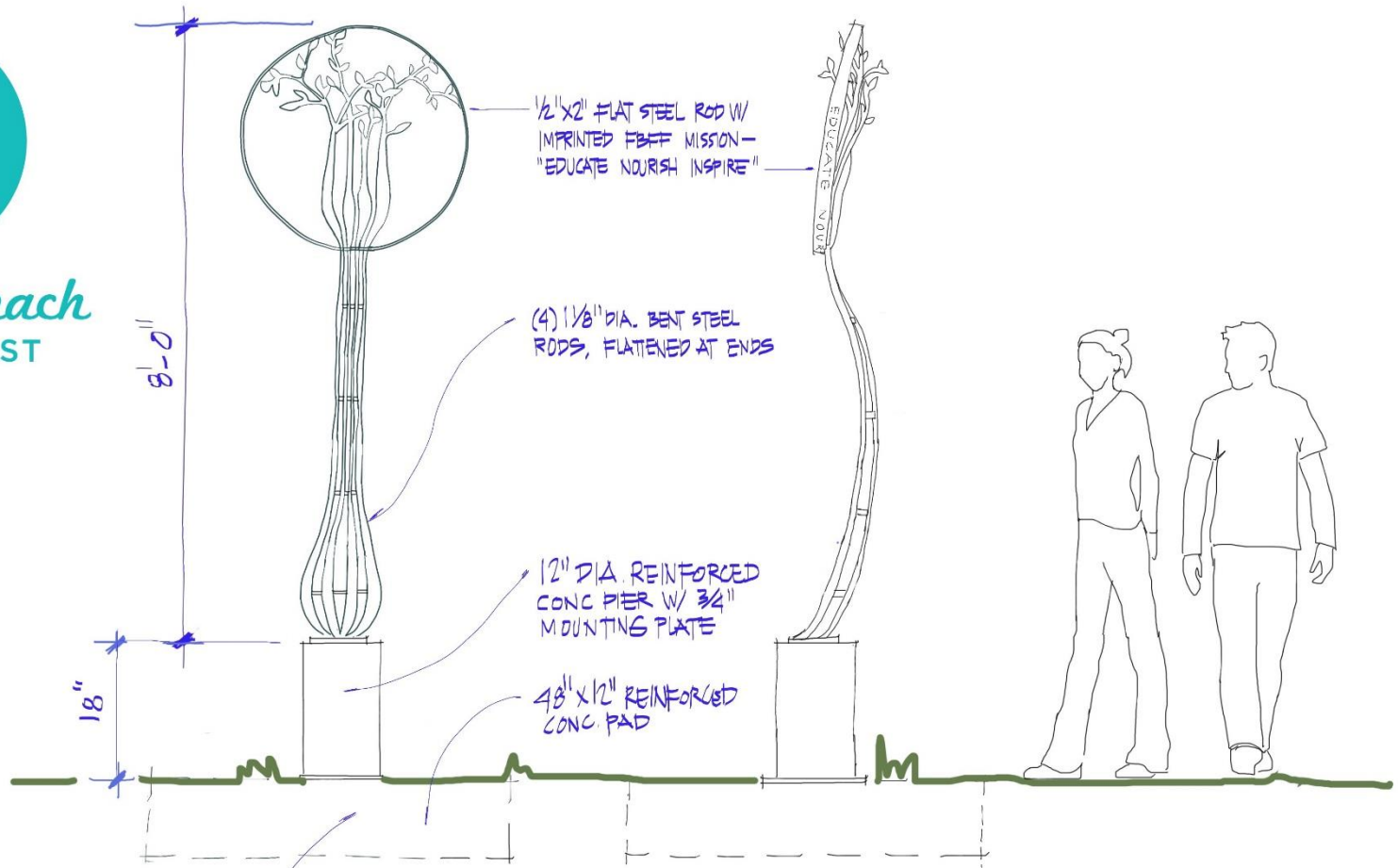


How do you build soil life?

One of the oldest known problems facing humanity is how to grow food without depleting the soil? By nourishing the microbial life below ground, we can reverse compacted soils and the damage caused by plowing or tilling. The most important thing to know about soil is that soil is teeming with life. Millions of tiny micro-organisms are alive right under your feet! How do you turn lifeless soil into an abundant food forest? Feed the soil life coffee grounds, wood chips, leaves, and compost tea.

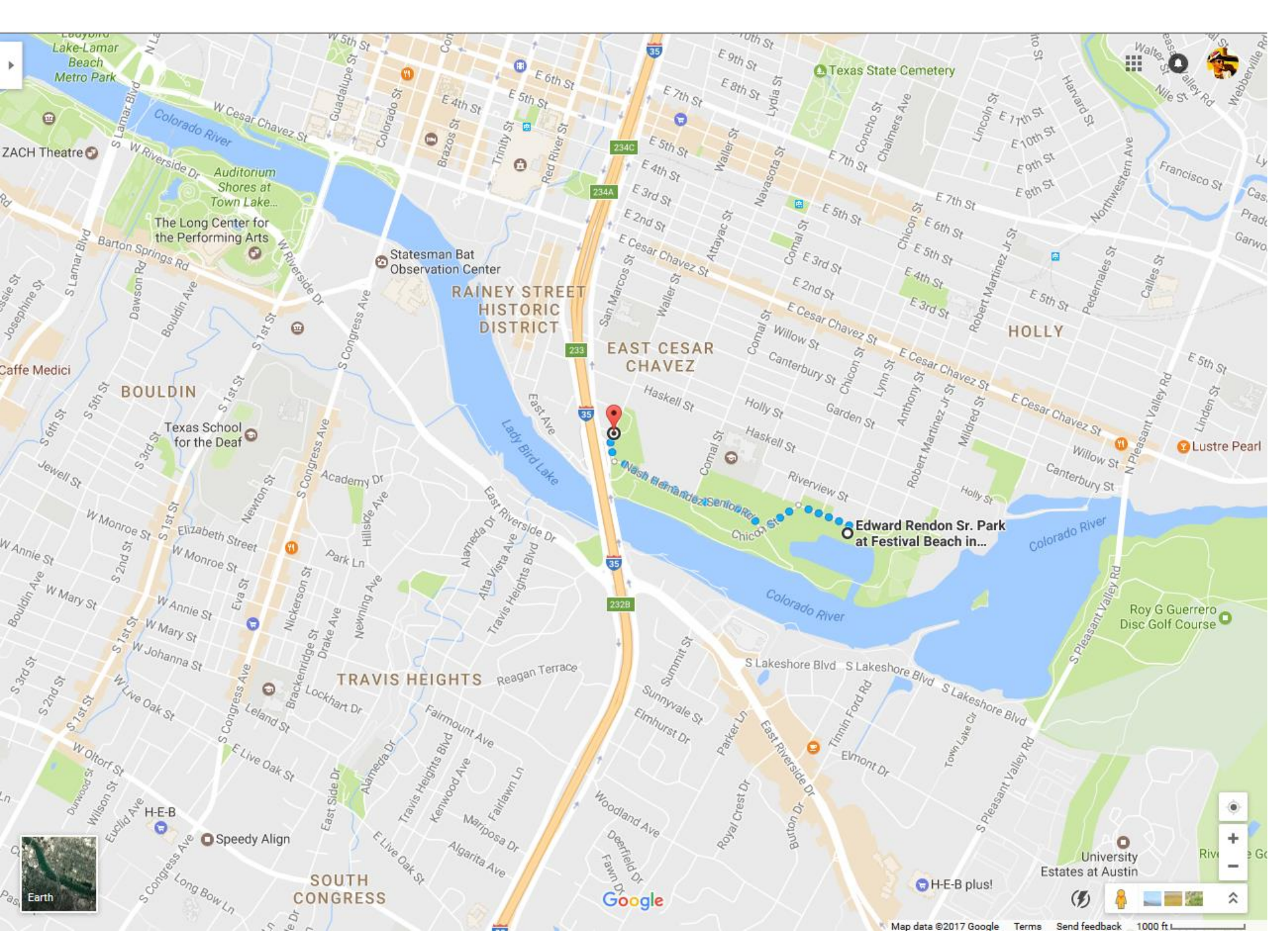


Festival Beach FOOD FOREST



Steve and class - Thanks for taking this unique fork in hand!
What do you think about raising it 18" off the ground w/ a pier so we can give it more stature and provide opportunity for a bench, retaining wall, plants and/or anything else you might dream up. We'd love ultimately "welcome to the Festival Beach Food Forest ... dig in" or something along those lines written around the base. Plus maybe ways donors/members can be part of the base ... we appreciate your help!





RAINEY STREET HISTORIC DISTRICT

EAST CESAR CHAVEZ

HOLLY

BOULDIN

TRAVIS HEIGHTS

SOUTH CONGRESS

Edward Rendon Sr. Park at Festival Beach in...

Statesman Bat Observation Center

The Long Center for the Performing Arts

Texas School for the Deaf

Texas State Cemetery

University Estates at Austin



Google





FESTIVAL BEACH
GARDEN