

POLLINATOR PARADISE

TAYLOR YARD PARCEL G2

Restoring Bee Habitat Through A Public Recreational and Educational Park in Los Angeles, California

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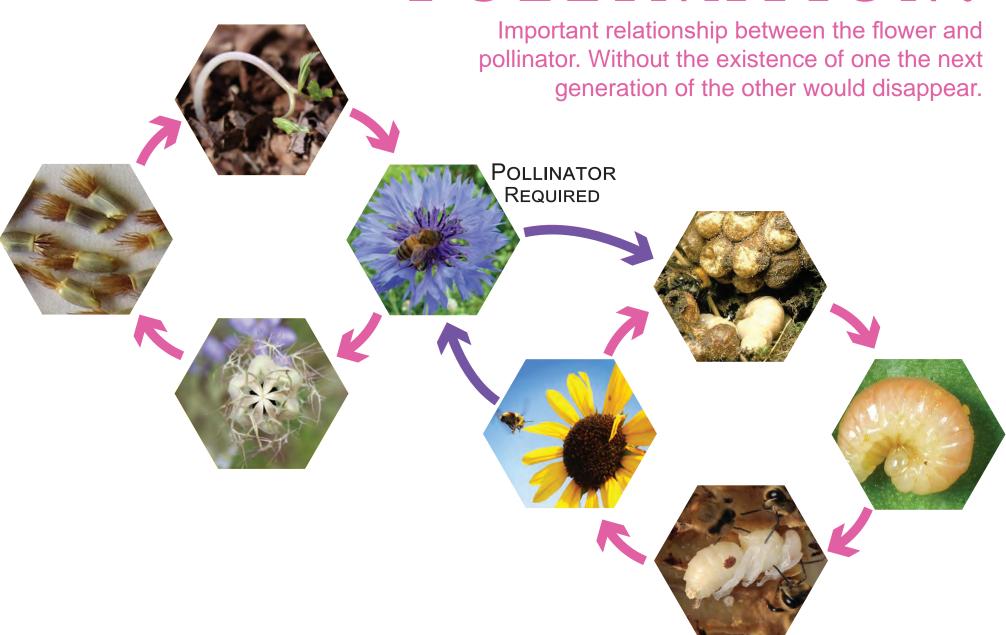




WHAT IS POLLINATION?

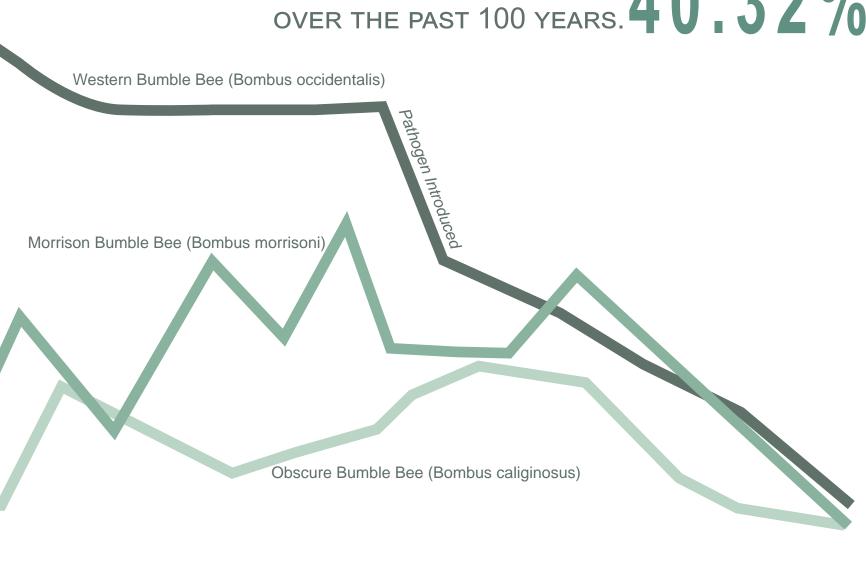


POLLINATION?



According to the IUCN of Threatened Species

POPULATION DECREASED 40 32% OVER THE PAST 100 YEARS.



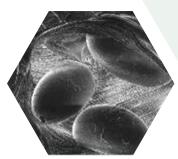
THREATS











Due to the neonicotinoid chemicals, over *30,000 Bumble Bees* died while pollinating a Linden tree.





NON Aggressive

Furrier than most bees

Social

Does not produce commercial honey

Foragers

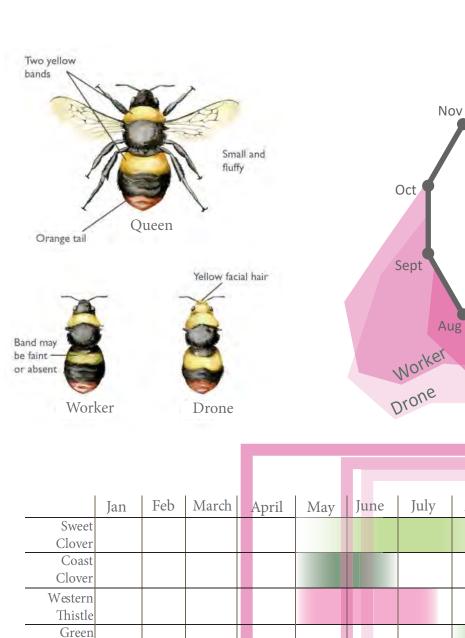
Most important pollinator of native perennials

Nests underground, in fallen trees, and wood piles

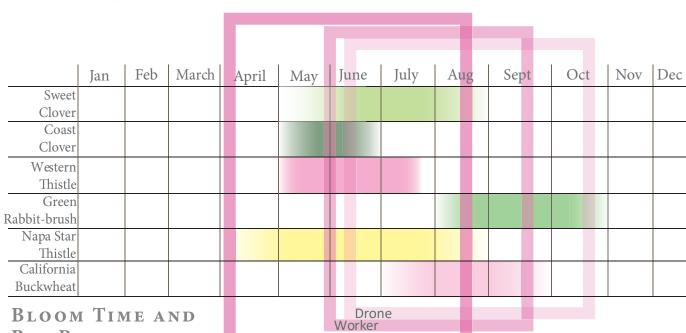
A LOOK AT THE HIVE



H



BEE POLLINATION



Queen

ABUNDANCE

WESTERN

BUMBLE

BEE

LIFECYCLE

July

June

Feb

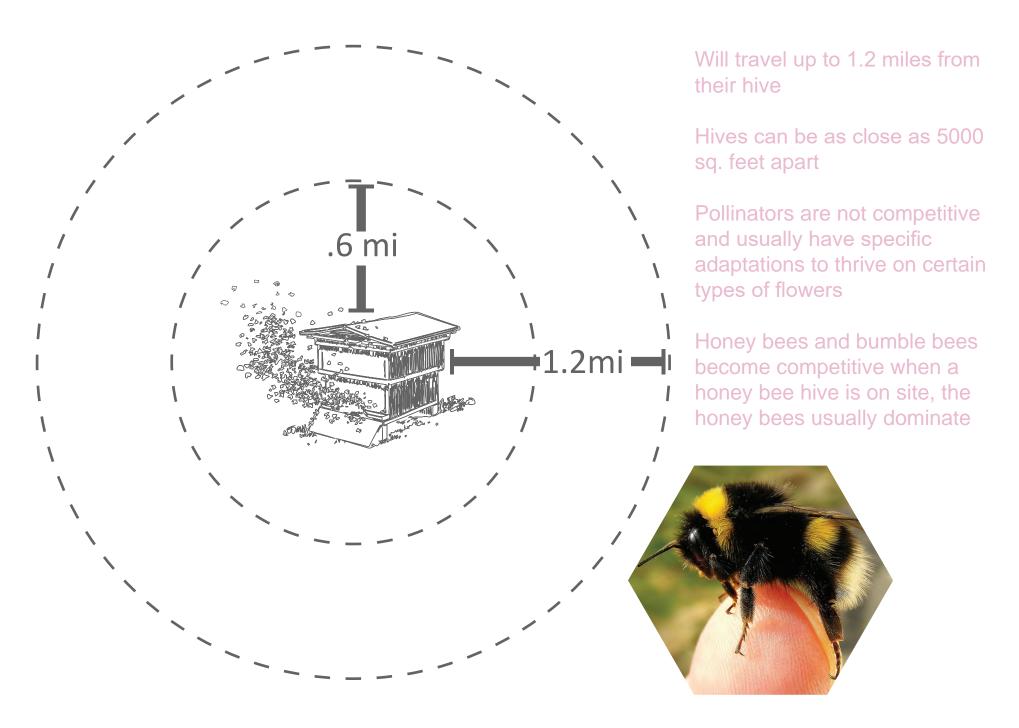
March

April

Queen

May

IMPORTANCE OF A REFUGE



DESIGN QUESTION

How can Landscape Architecture be utilized to re-establish Western Bumble Bee habitat while creating a functional and educational public space?

PROJECT GOALS



1. Pollinator Life-cycle

Create a suitable habitat for pollinators including the Western Bumble Bee



2. Experiential Education

Encourage guests to understand the importance of the Western Bumble Bee as a pollinator through interactive experiences



3. Public Recreation

Designate public areas for recreational use



Primary Objectives

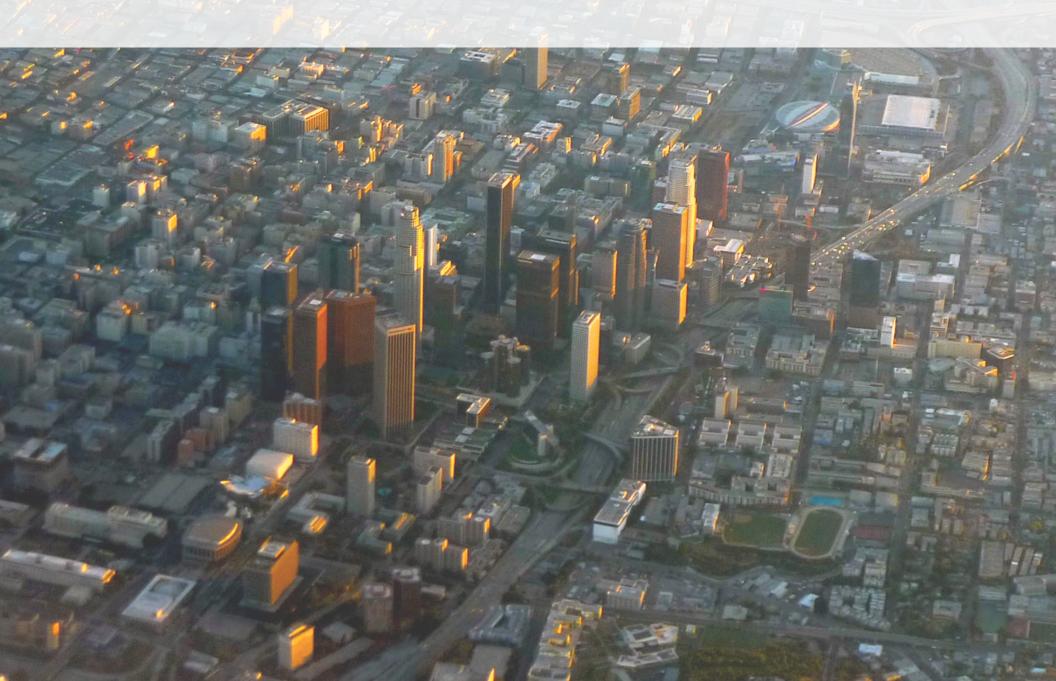
1. Create Bio Diverse Habitat

2. Engage Youth

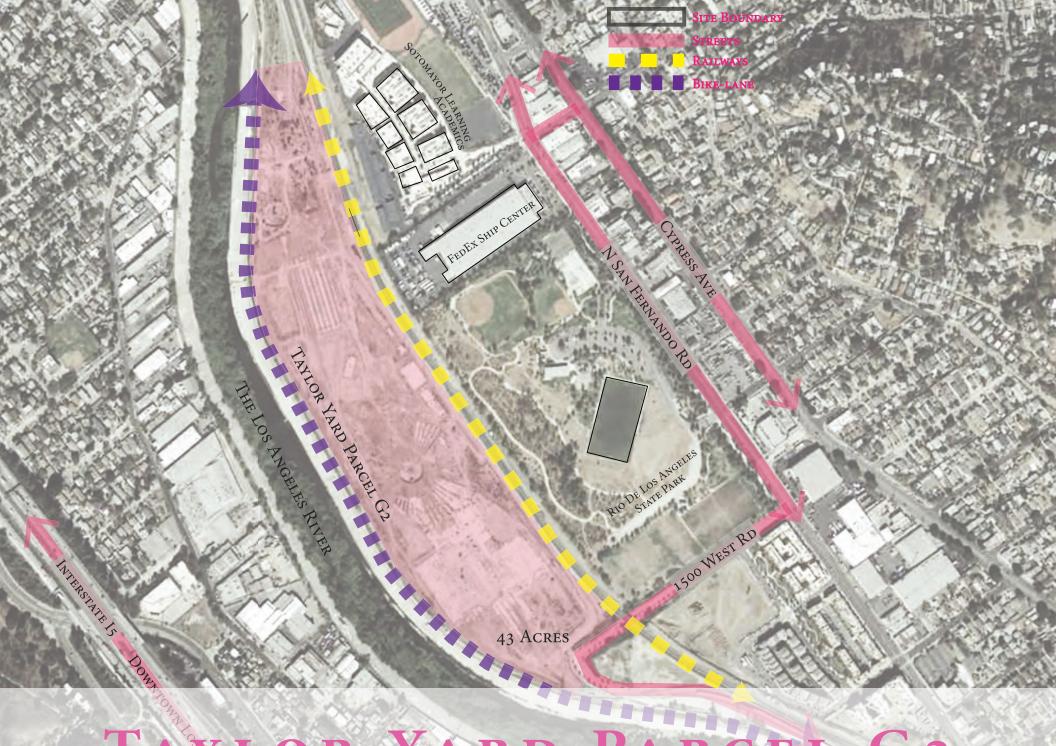
3. Community Education



Los Angeles, California

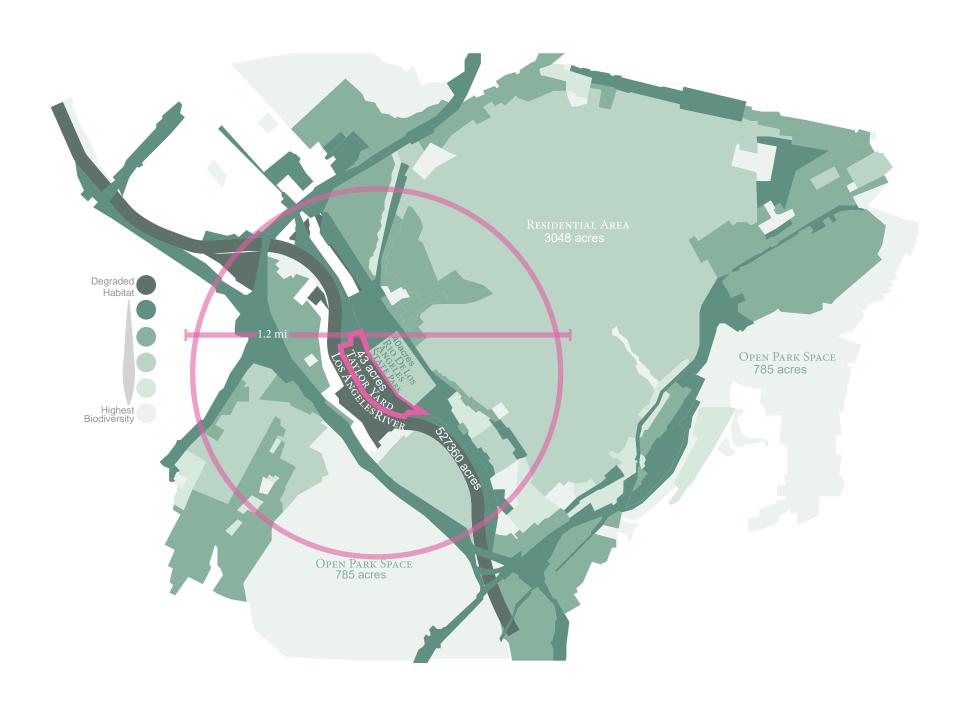






TAYLOR YARD PARCEL G2

HABITAT IN THE AREA





TAYLOR YARD PARCEL G-2

SITE HISTORY



POLLINATOR LIFE-CYCLE

Habitat Zone

Fallen Logs
Stacked Wood Piles

Native Plant Species

Form

Function

Texture

Color

Repetition

Balance

Variety

Grouping

Orchard

Pollination Agriculture

Bee Hotels

EXPERIENTIAL EDUCATION

Educational Center

Pollinator Museum

Educational Gardens

Native Plant Species

Outdoor Classrooms

Campus Space

Hive Production

Study Species

Vegetable Gardens

Public Recreation

Ceremonial Plaza

Concerts Events

Green Space

Farmers Market

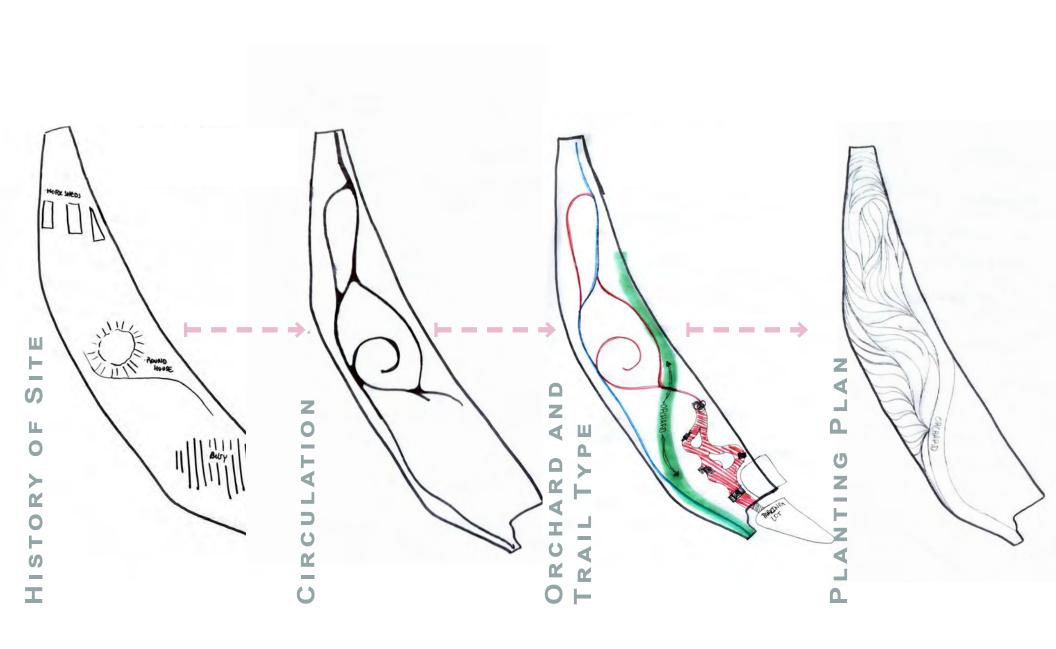
Pathway Usage

Woodland Trail Educational Trail Wooden Walkway Raised Trail

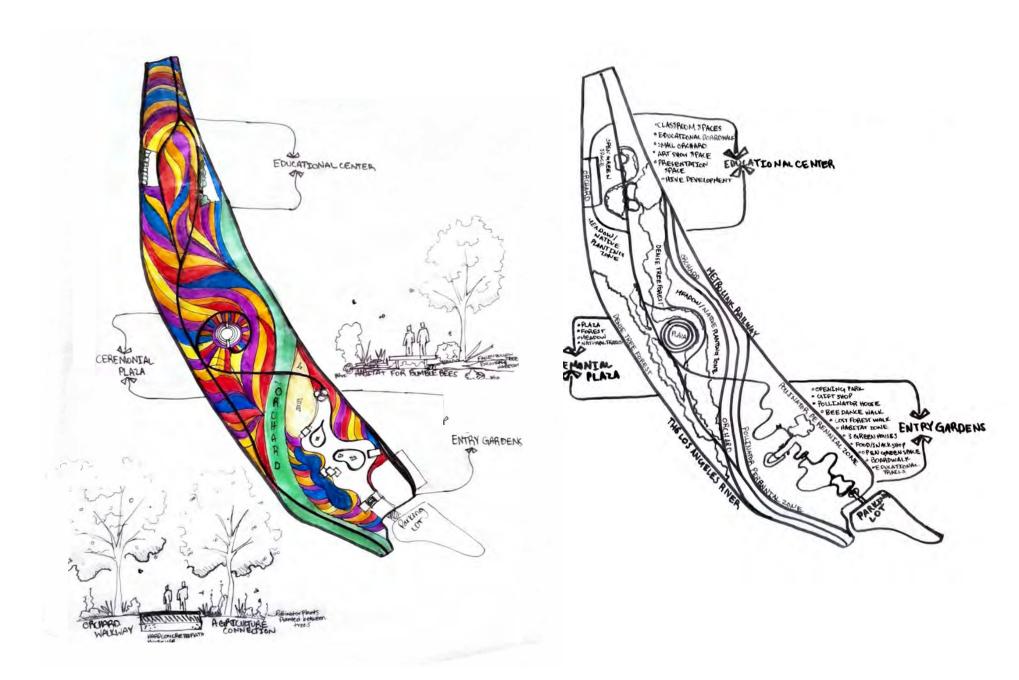
Art Display Space

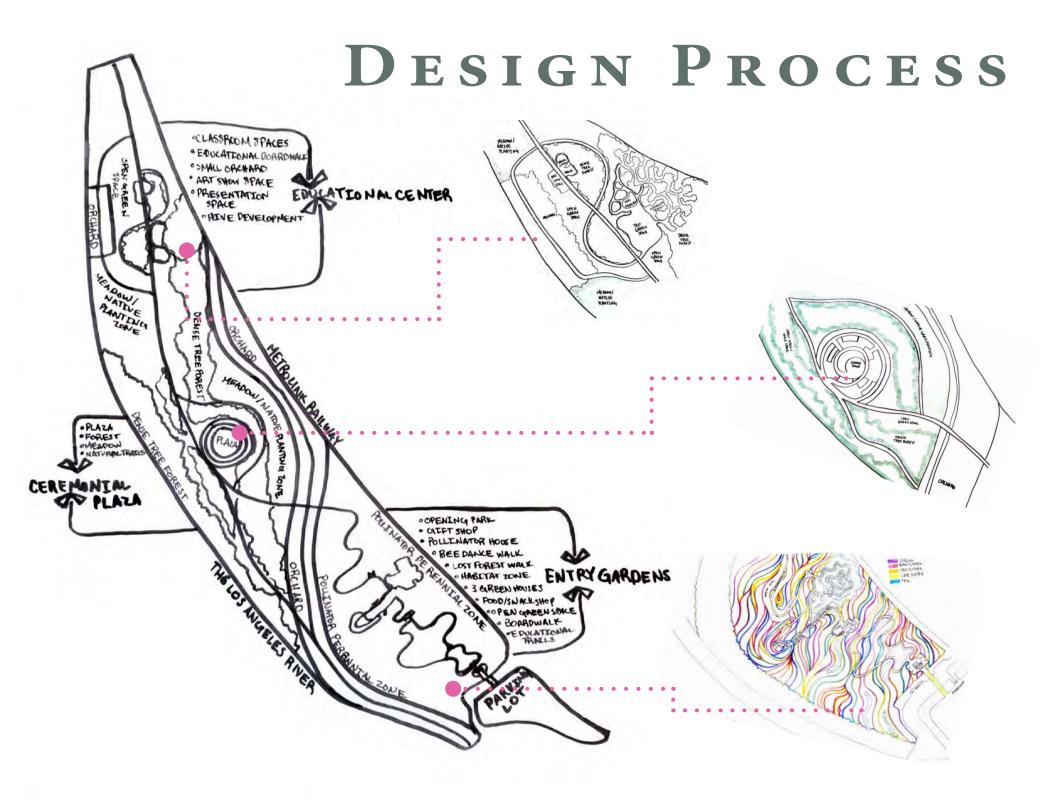
Show Off Student Work

DESIGN PROCESS

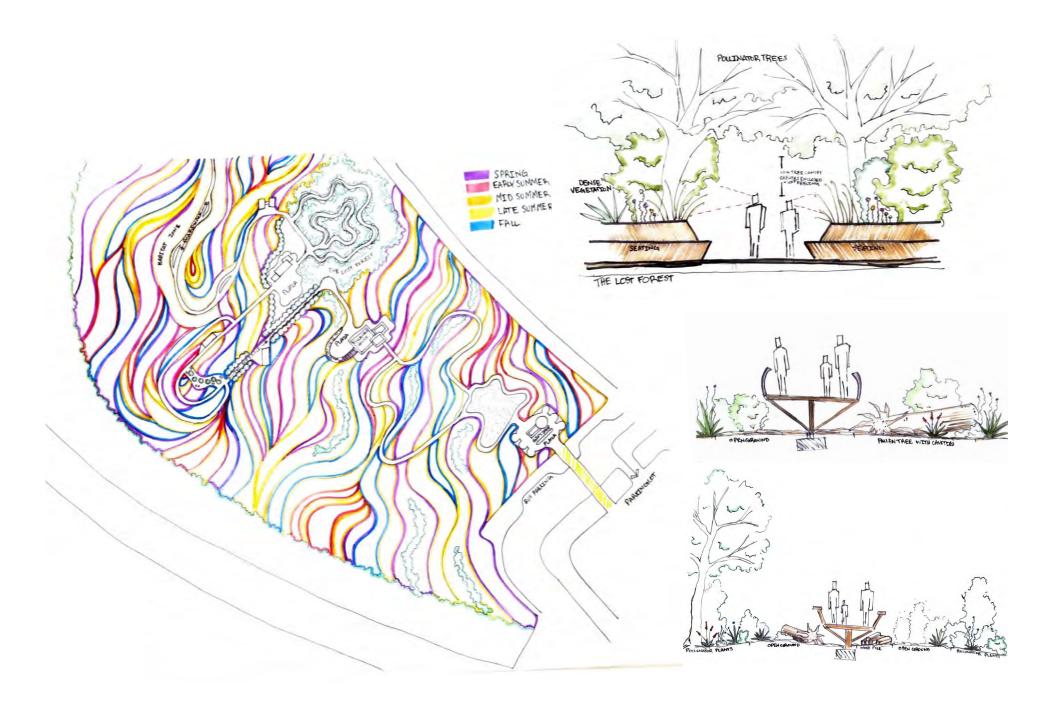


DESIGN PROCESS

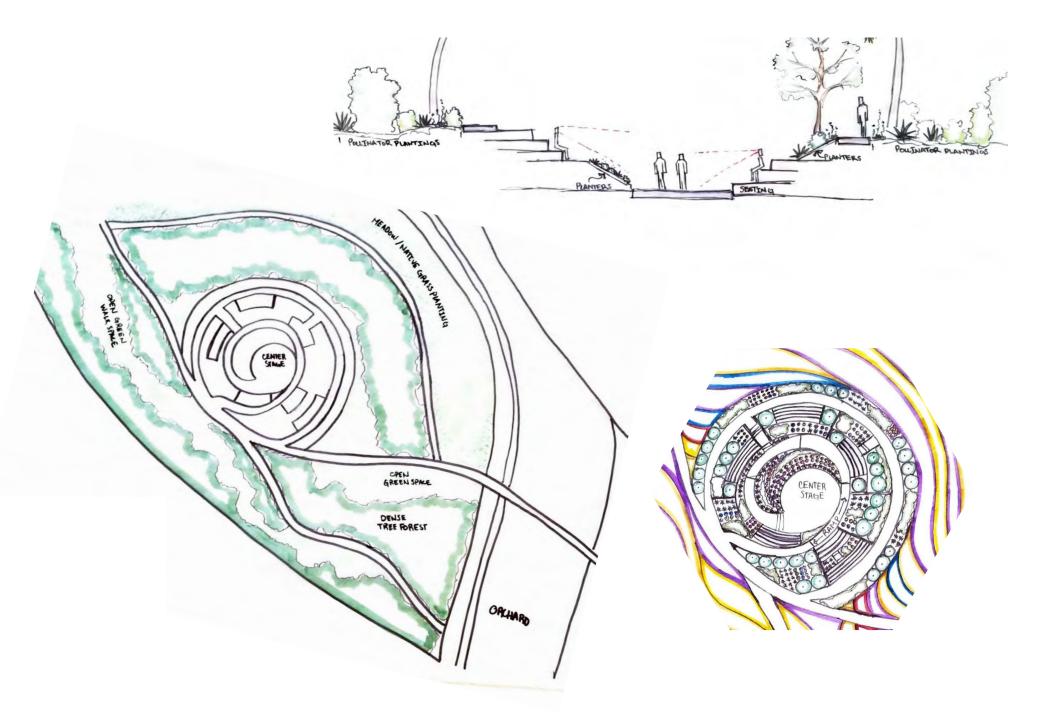




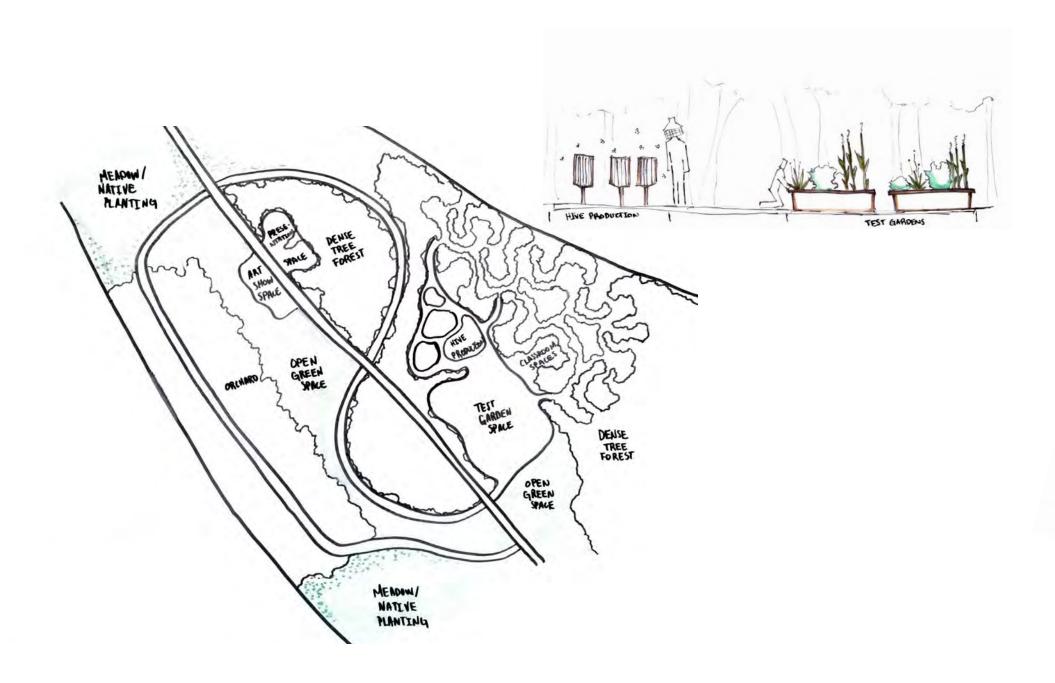
ENTRY GARDEN



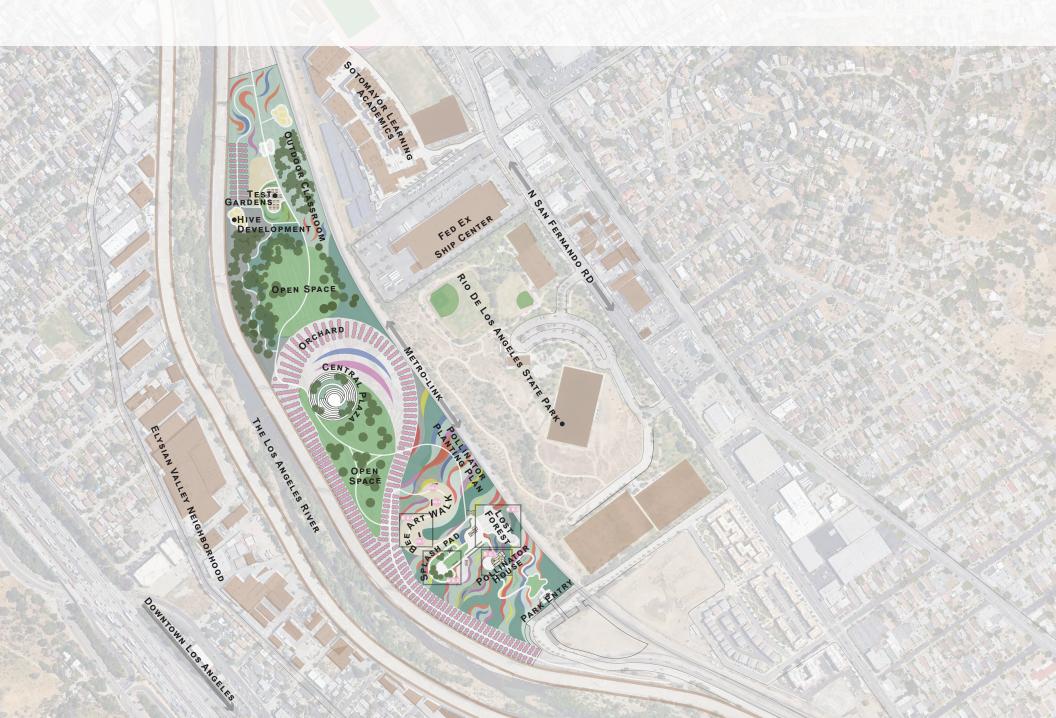
CEREMONIAL PLAZA



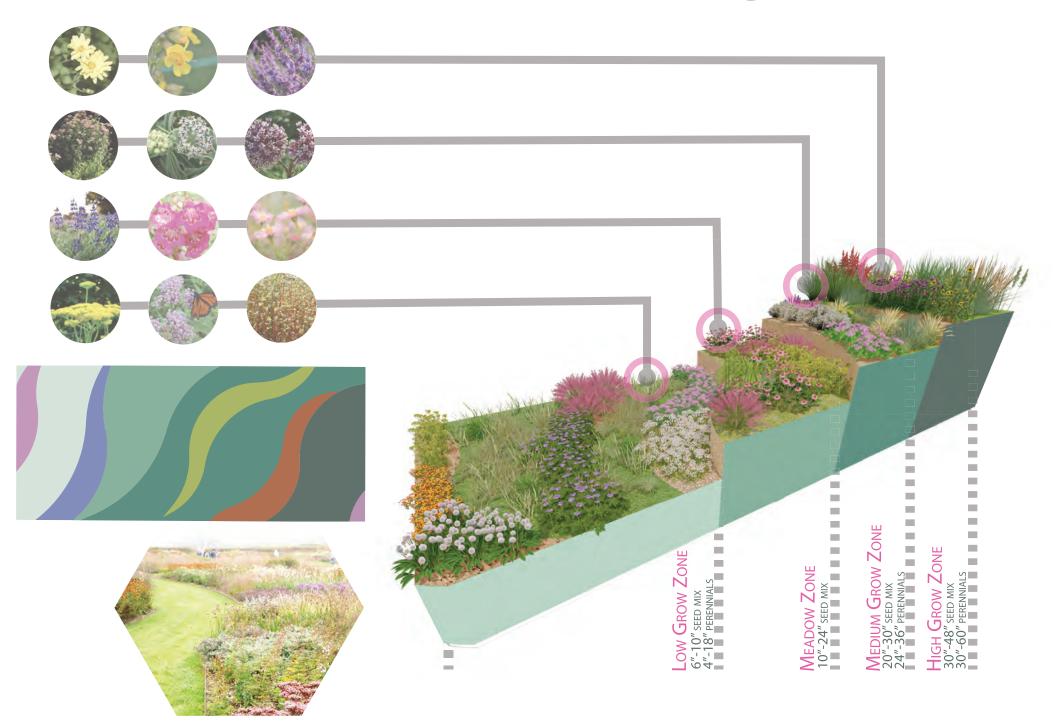
EDUCATIONAL CENTER

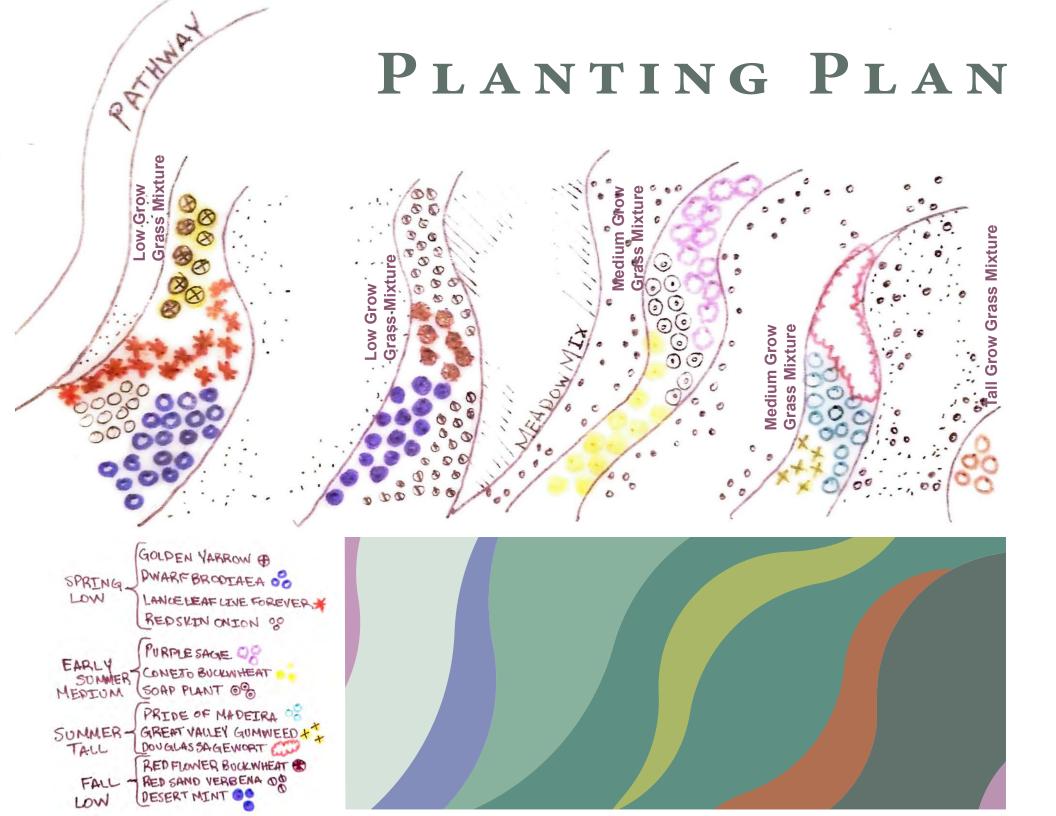


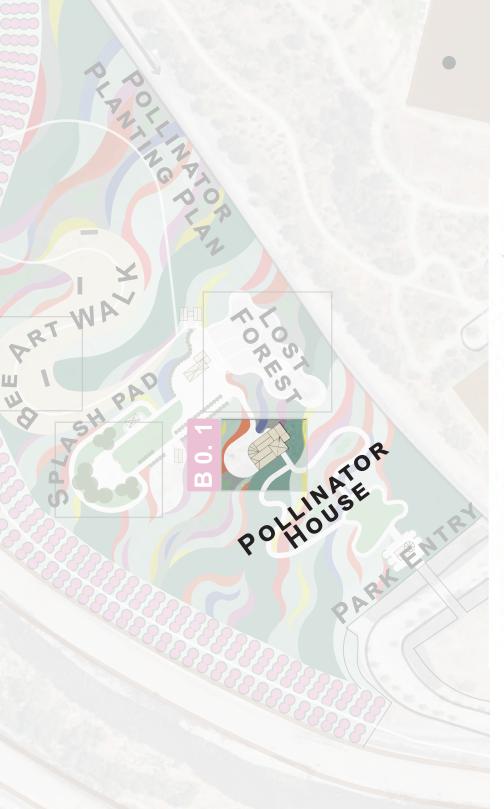
POLLINATOR PARADISE



PLANTING PLAN

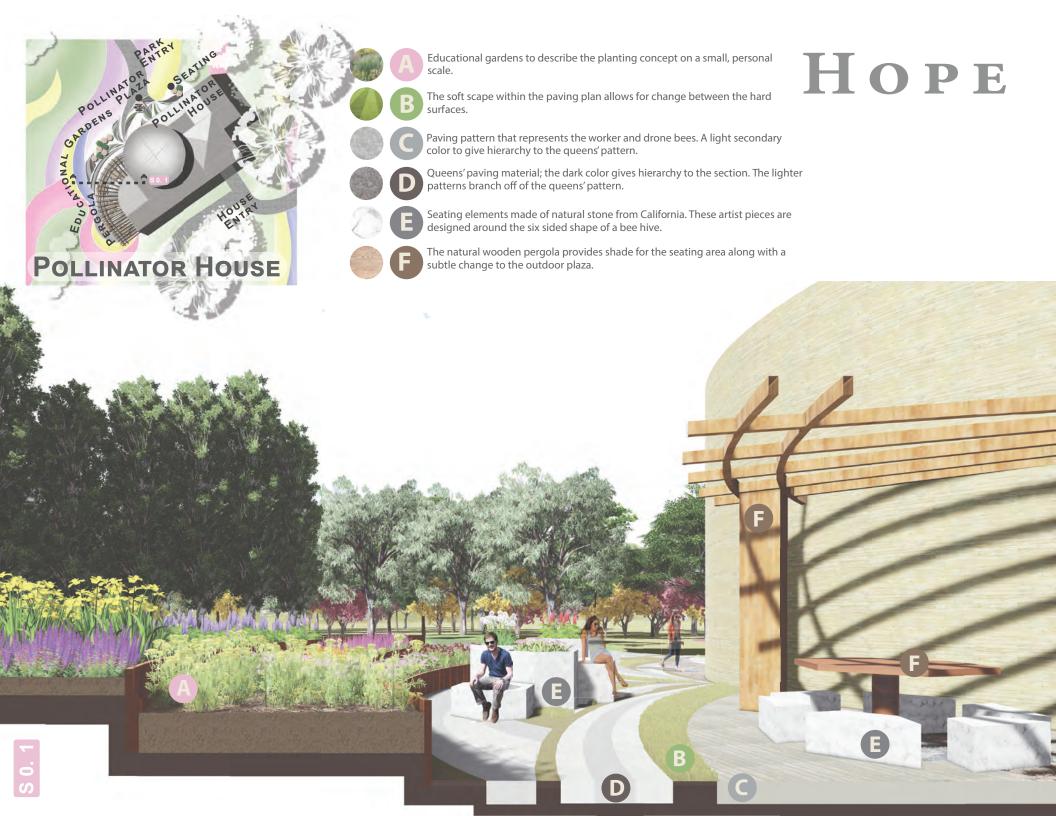


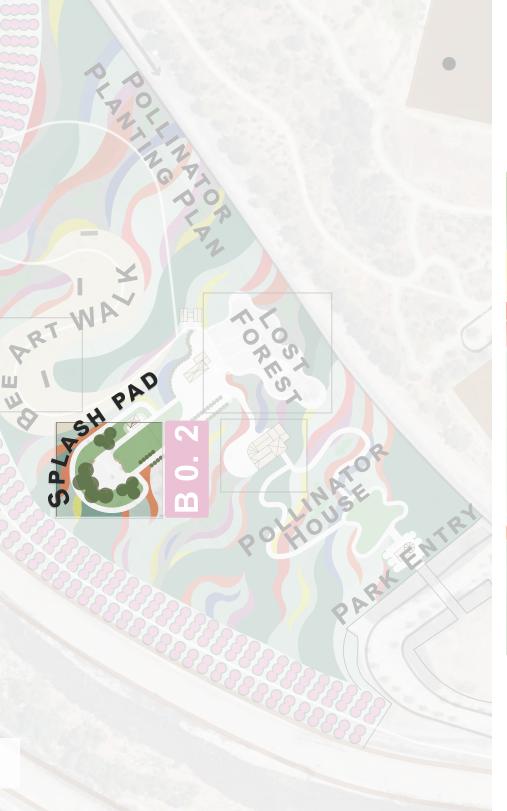




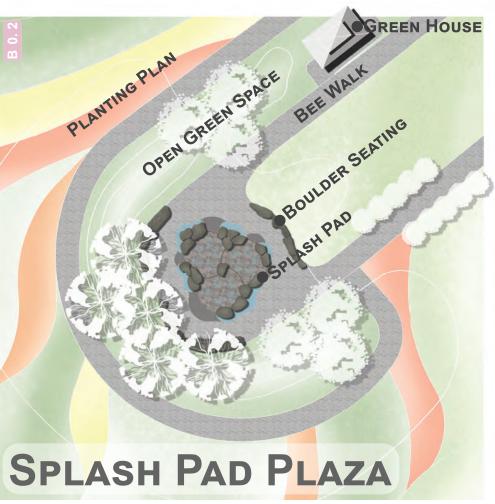
HOPE







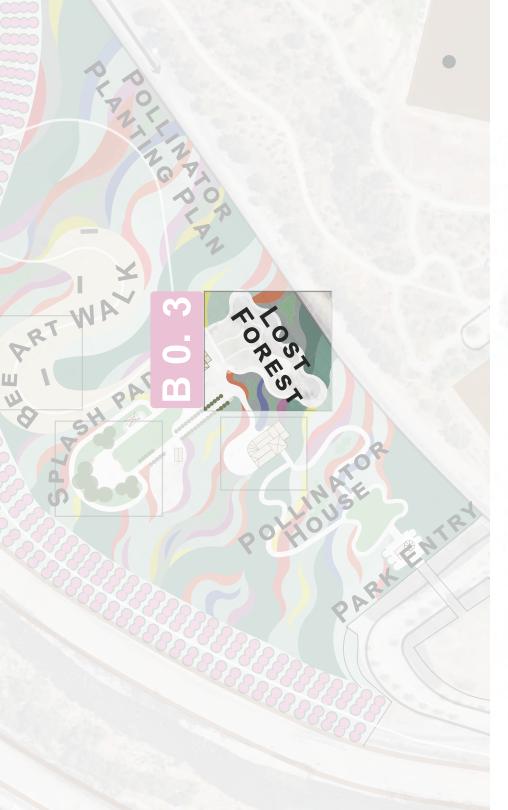
NEEDS







A JUMP IN THE SPLASH PAD



STRUGGLES



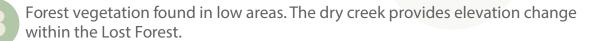
STRUGGLES













Dense shade perennials that require pollination that add an educational aspect to the lost forest along with the nature trails.



Tall perennial plantings that reach over the back of the wooden seating. Guests interact with the plants and create a connection to the forest.

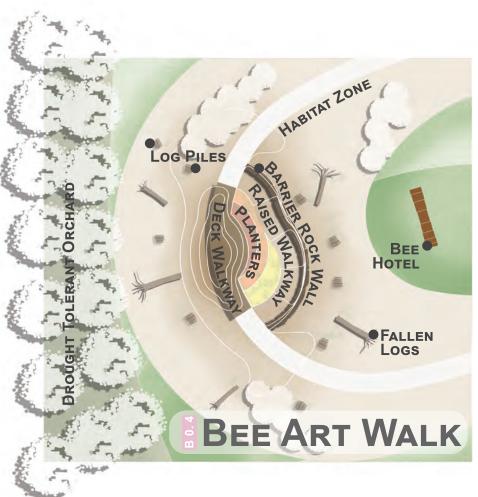




A STROLL THROUGH THE LOST FOREST



COMMUNITY











Bee Habitat: minimal plantings, open soil, and fallen trees.





Layered structure to raise walkway for a clear view of bee hotels and habitat.

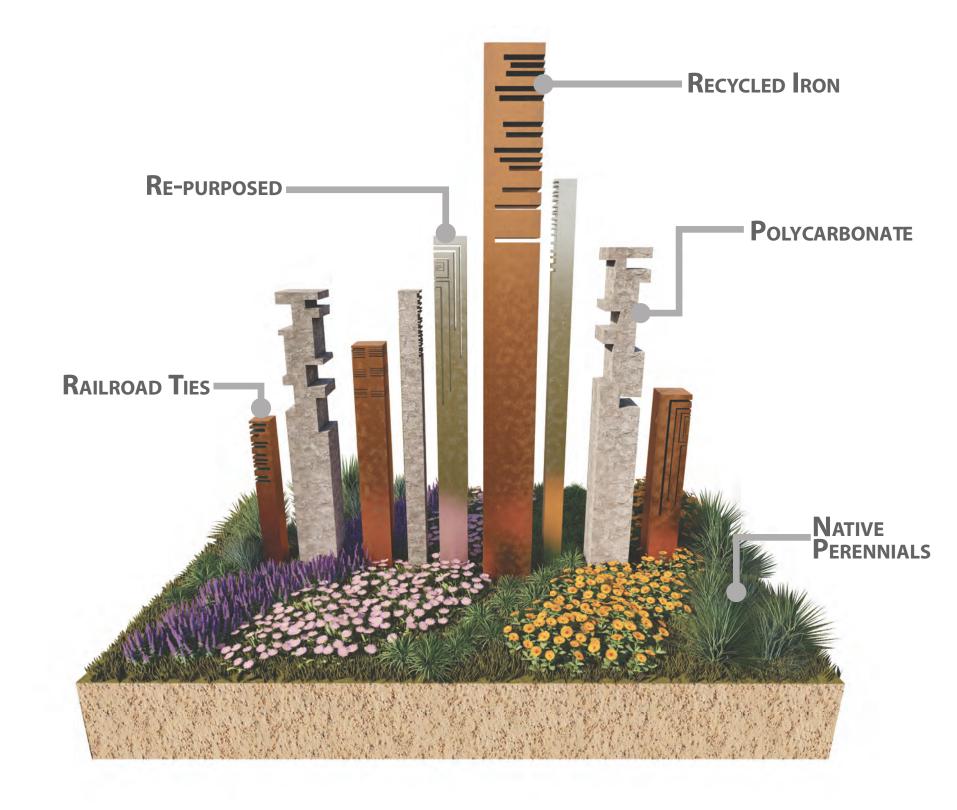
COMMUNITY

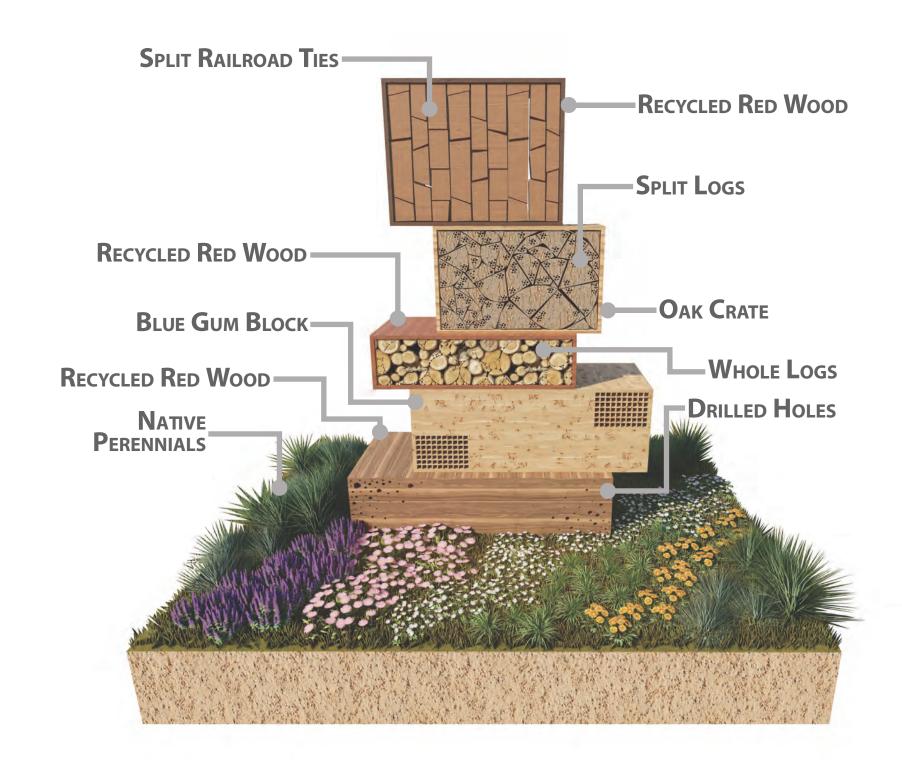




A DAY AT THE BEE HOTEL

Re-PURPOSED





BUMBLE BEE

It's just not fair they're getting scarce.

There's not that many to be seen
our little furry flying friends
That keep our country green

Roads and Pavements cutting up
The greenness of our Earth
And now we have to compete
With gardens made of astro turf.

We work so hard to be busy
And do what we do best
Collecting sticky stuff upon our legs
And take it to our nest

But if you don't stop cutting away
The flowers and our trees
you'll see a bigger decline
And the end of bumble bees

