

GREENWAYS / TRAILS

Megan Bush
Matthew Larkam
Mandy Nash

Our mission is to create a trail system that provides educational and recreational opportunities while supporting ecosystem management.



STAKEHOLDER CRITIQUES

Parent Concern:

Are there any safety issues with the trail going throughout the neighborhood?

Lighting, Signage warning for dangerous species, and emergency phone stations are included

Trail User Concern:

What habitat benefits will we be seeing here?
Will there be any new species

We have vegetation that attracts a variety of existing and native species (butterflies, bees, hummingbirds, etc.)

City Planner Concern:

Is there a place we could hold events?

There are some areas for open play that are easily accessible from the streets that could be used for event space.

WILDLIFE EDUCATION

- 0.83 Mile Long Decomposed Granite Trail
- Bird Themed Play Area
- Interactive Educational Signs



FITNESS / HEALTH

- 0.68 Mile Long Decomposed Granite Trail
- 0.40 Mile Long Dirt Trail
- 6 Workout Stations (0.10 Mile Apart on DG Trail)
- 6 - Hole Disk Golf Course



LID / EDUCATION

- 1.25 Mile Long Decomposed Granite Trail
- Bioswale
- Retention Pond



WILDLIFE EDUCATION

EDUCATIONAL SIGN EXAMPLES



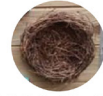
Flip-Up
Panels



Sound
Buttons



Spinning
Blocks



Realistic
Nests



Golden-cheeked
Warbler

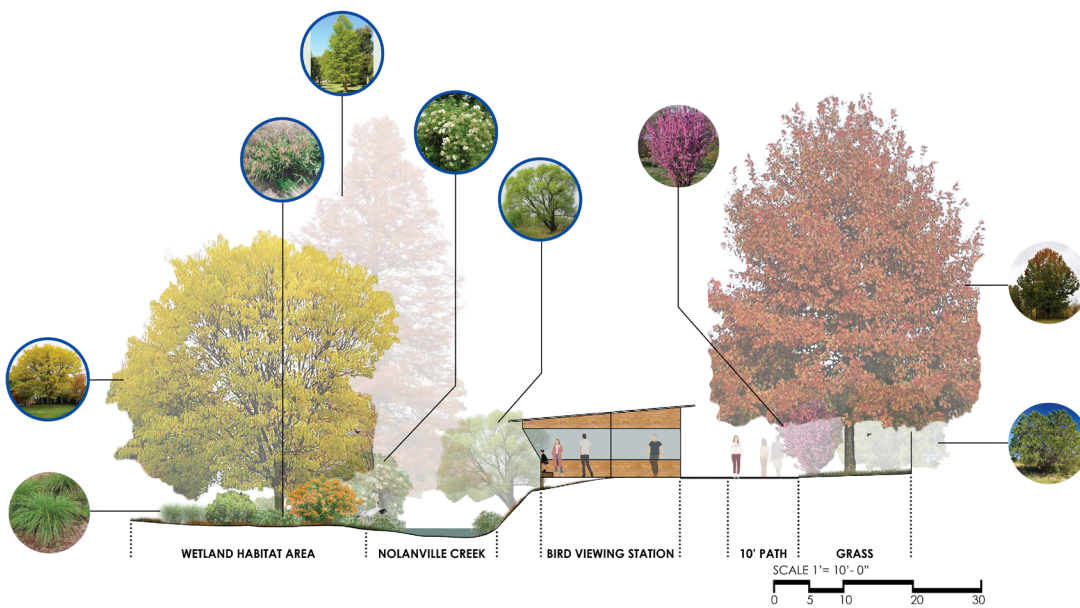


Black-capped
Vireo



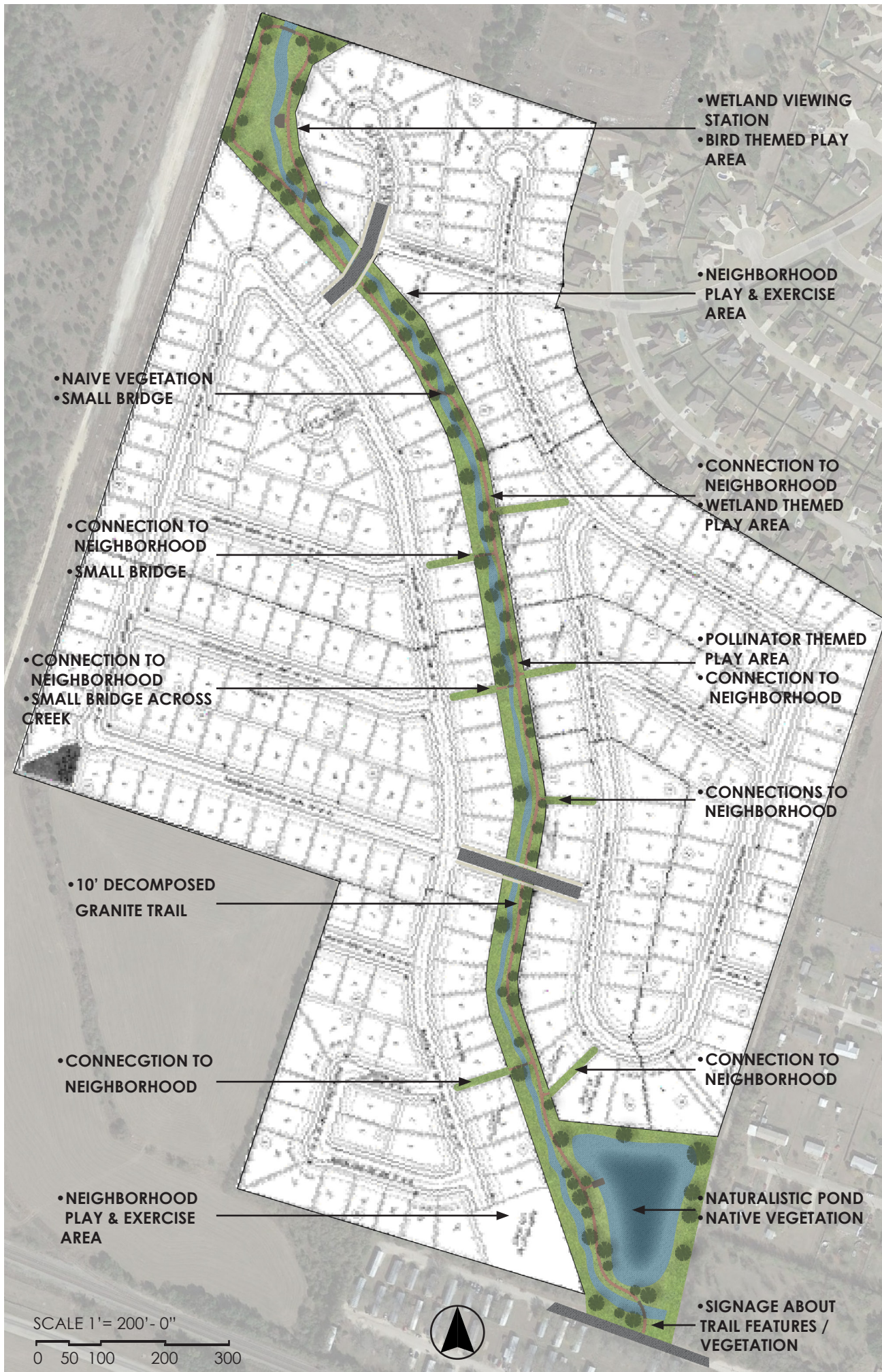
Whooping Crane

WETLAND VIEWING STATION



BIRD THEMED PLAY AREA





Ashe Juniper
Juniperus ashei



Bald Cypress
Taxodium distichum



Shumard Oak
Quercus shumardii



Elderberry
Sambuca nigra
spp. *canadensis*



Black Willow
Salix nigra



Turk's Cap
Malvaviscus arboreus var. *drummondii*

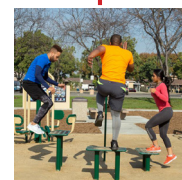
FITNESS / HEALTH

Megan Bush

EXERCISE STATION 1

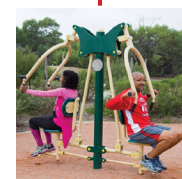


STATION 6
Horizontal
Ladder

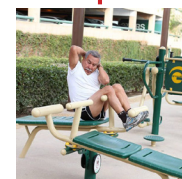


STATION 5
Plyometric
Steps

REST AREA / NATIVE VEGETATION

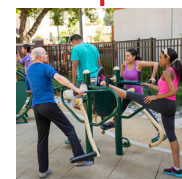
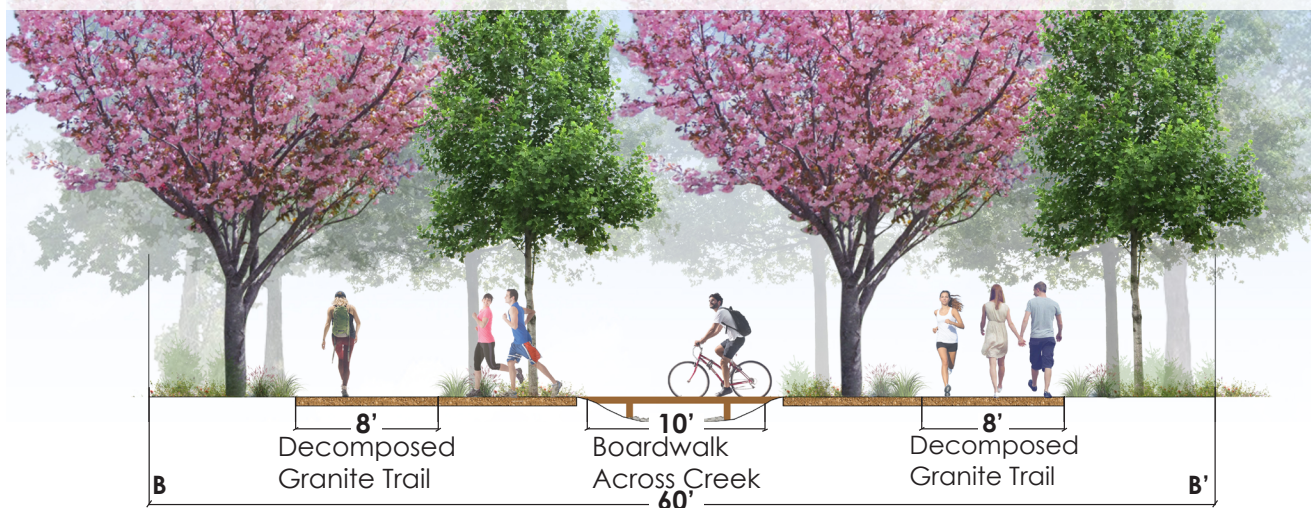


STATION 4
2-Person
Vertical Press

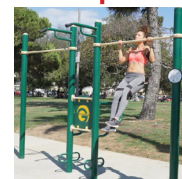


STATION 3
Incline Sit-Up
Bench

BOARDWALK ACROSS CREEK



STATION 2
4-Person
Lower Body



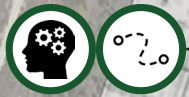
STATION 1
4-Person
Combo Bars



- STATION 6
- NATIVE VEGETATION



- STATION 5
- NATIVE VEGETATION



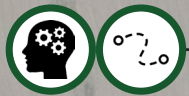
- BIOSWALE
- BOARDWALK ACROSS CREEK



- 5' DIRT TRAIL



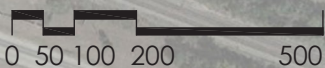
- 8' DECOMPOSED GRANITE TRAIL



- BIOSWALE
- STEPPING STONES ACROSS CREEK



- 6- HOLE DISC GOLF COURSE



- OPEN PLAY AREA



- STATION 4
- NATIVE VEGETATION



- STATION 3
- NATIVE VEGETATION



- STATION 2
- NATIVE VEGETATION



- STATION 1
- NATIVE VEGETATION



- TRAIL FEATURES / VEGETATION SIGNAGE



- Eastern Redbud**
- Rosy pink flowers
 - heart shaped leaves



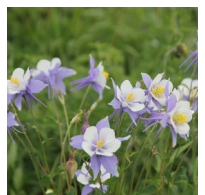
- Sycamore**
- Gray, greenish-white, brown flaky bark



- Big Muhly**
- Drought tolerant
 - Silver/gray bloom color



- SideOats Grama**
- Erosion control
 - Bluish-green color, purplish cast in the Spring



- Columbine Wildflowers**
- Variety of color
 - Attracts hummingbirds

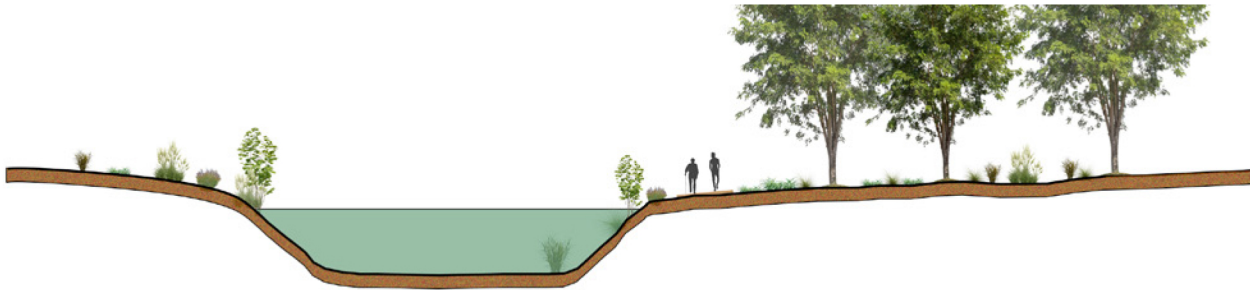
LOW IMPACT DESIGN

Matthew Larkam

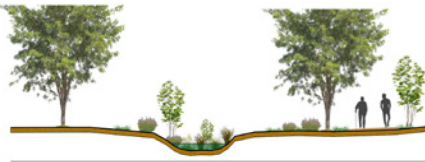
RETENTION POND AND TRAIL



RETENTION POND AND TRAIL



RETENTION POND AND TRAIL



Climate Info

- Our site is located in Central Texas, at the northern portion of the Hill Country
- This region is known for seasonal rainfall which tends to be concentrated at the end and beginning of the generally dry summer season
- Our design is intended to capture this heavy seasonal rainfall and provide adequate storage for the rainwater until it can be slowly released offsite

Low Impact Design Info

- Wetland for stormwater capture and purification
- Bioswale style creek to collect, clean and channel the stormwater from the new development into the Retention pond at the south of the site
- Retention pond to hold and gradually release the water off site into the natural drainage flow
- The Retention pond provides year around water for aesthetics, recreation, and wild-life habitat

RETENTION POND AND TRAIL

