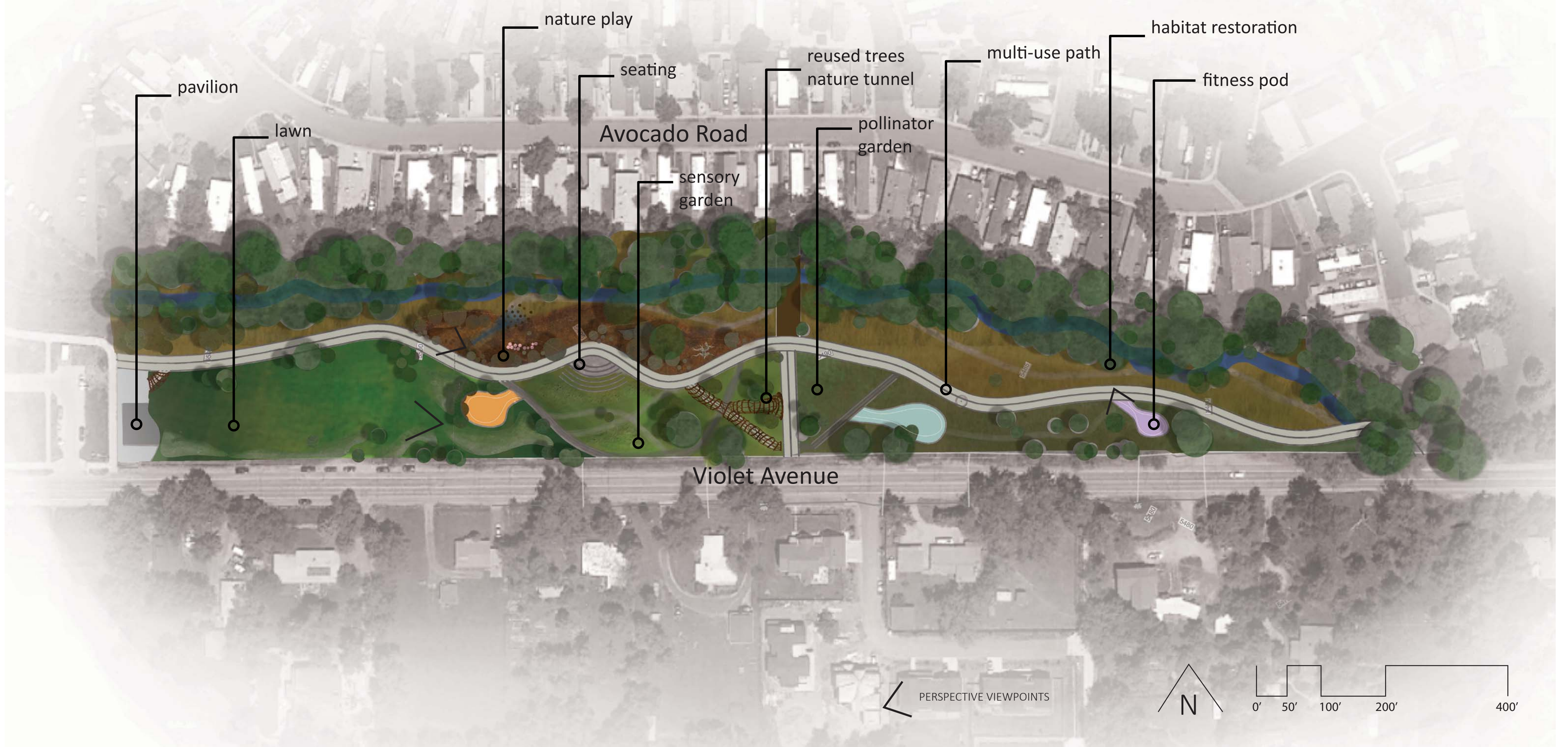


SENSORYSCAPE

ASHLEY STEIN • SAMANTHA BOLDT
TIFFANY FILATOV • KATE BURGESS



GOALS

1. To engage and inform about the natural colorado landscape and **ECOLOGY**

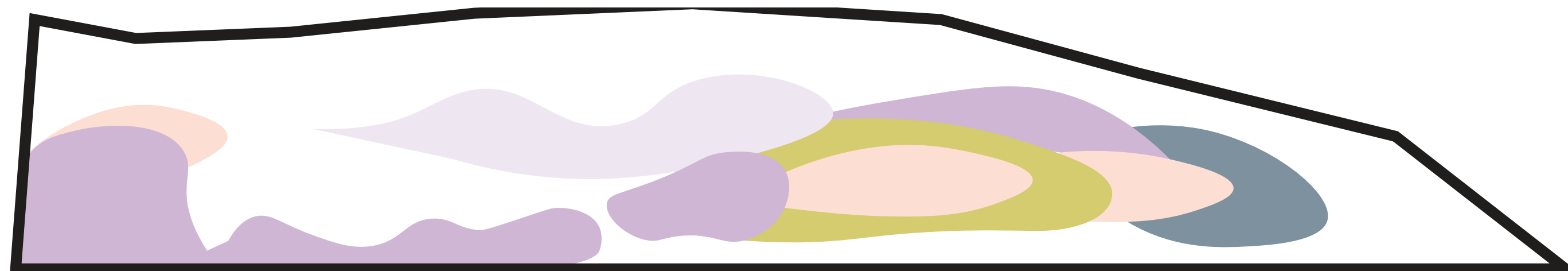
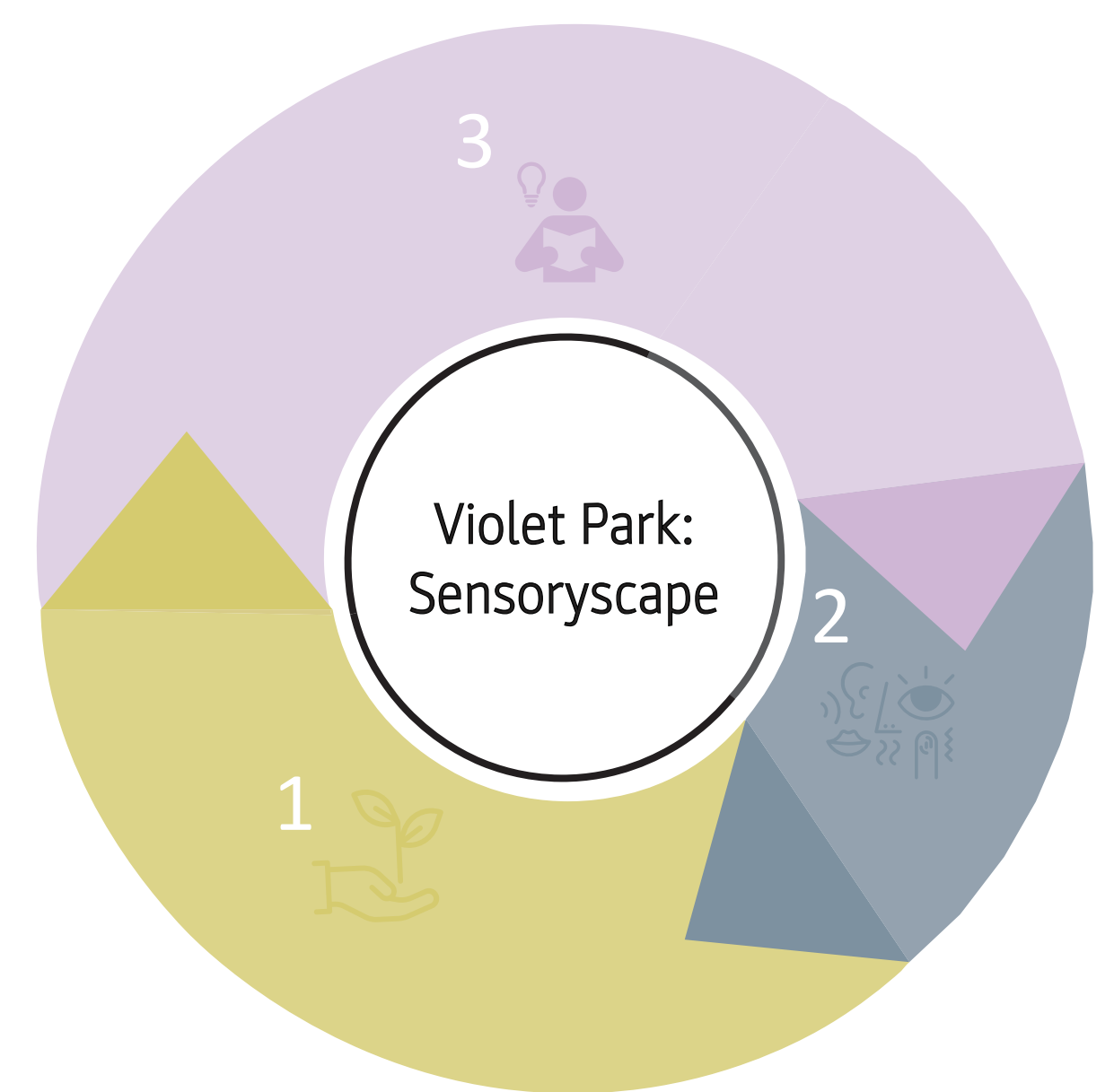
- Utilize specific types of ecosystems to inform native planting design
- Layer effect to plant species
- Incorporating pollinator plants
- Striving for a low maintenance park after planting

2. To **INTERACT** back with its users through our senses

- Users will be able to use all 5 senses on the site
- Sensory Gardens
- Interpretive design

3. **EDUCATE** the North Boulder Community

- Extending the bridge from the library to nature education
- Interpretive learning
- For ALL ages



visually compelling moments of the best views of site



touching materials and planting that engage



planting that can be picked and eaten



moments of planting that encompass the surrounding



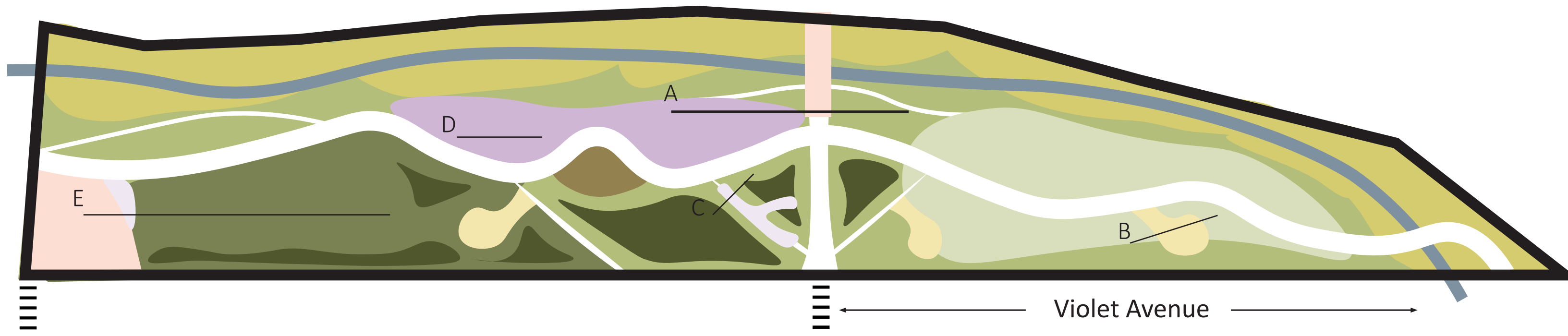
increasing the natural sounds by incorporating art

SENSORY

Active Recreation Pocket

Perspective A is a close up image of our fitness pods located throughout the site

PROGRAM DIAGRAM



Amenities

- active recreation
- passive recreation
- built
- nature preservation
- nature tunnel
- native planting
- nature play
- riparian planting
- landform manipulation
- seating

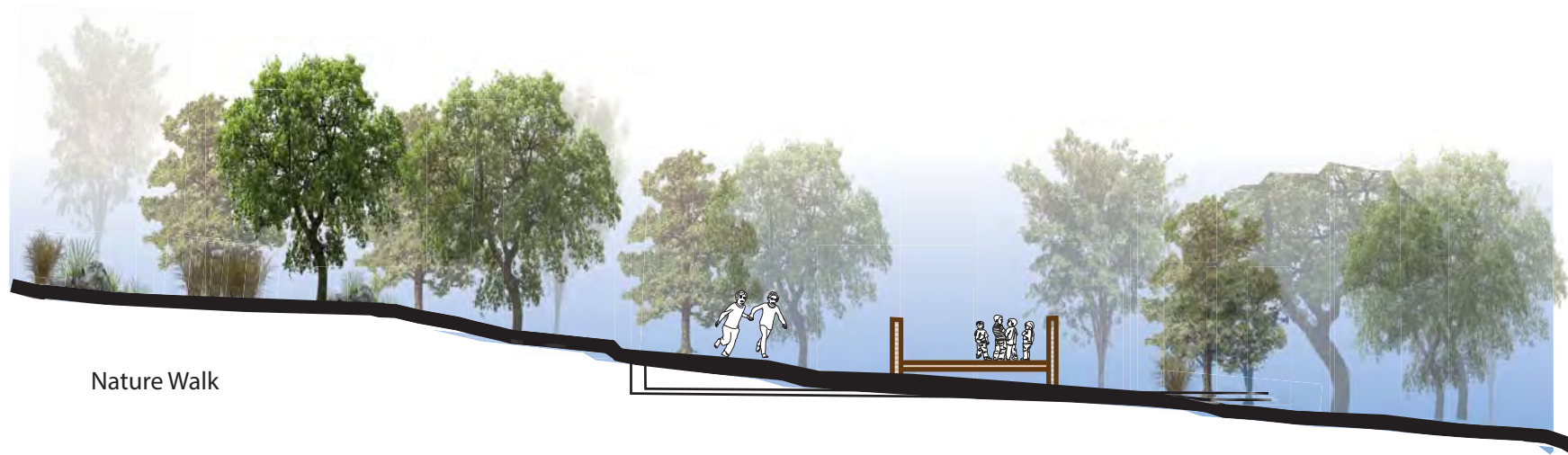
MISSION STATEMENT

- Create a well designed park for all ages and all people
- Mitigate the potential floods
- Recycle materials on the site back into the park
- Low maintenance with native plants once developed
- Educate surrounding neighborhoods about Colorado's native ecology
- Encourage users to engage with the park through their senses

OPPORTUNITIES

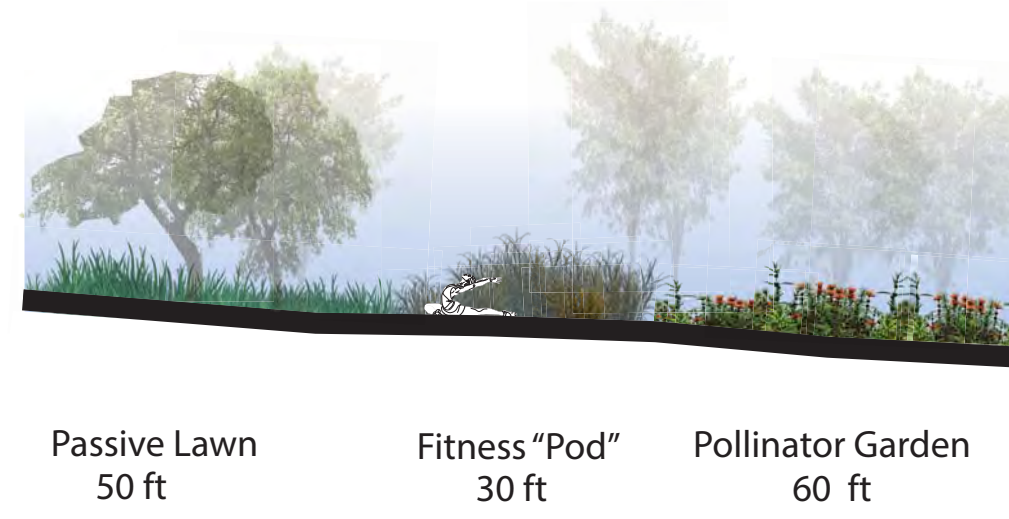
- Lack of community space for surrounding neighborhoods
- Overgrown brush and decomposing trees
- Adjacent to Four Mile Creek Canyon
- Future Library development
- Located in a flood zone
- Lack of circulation or access

Section A



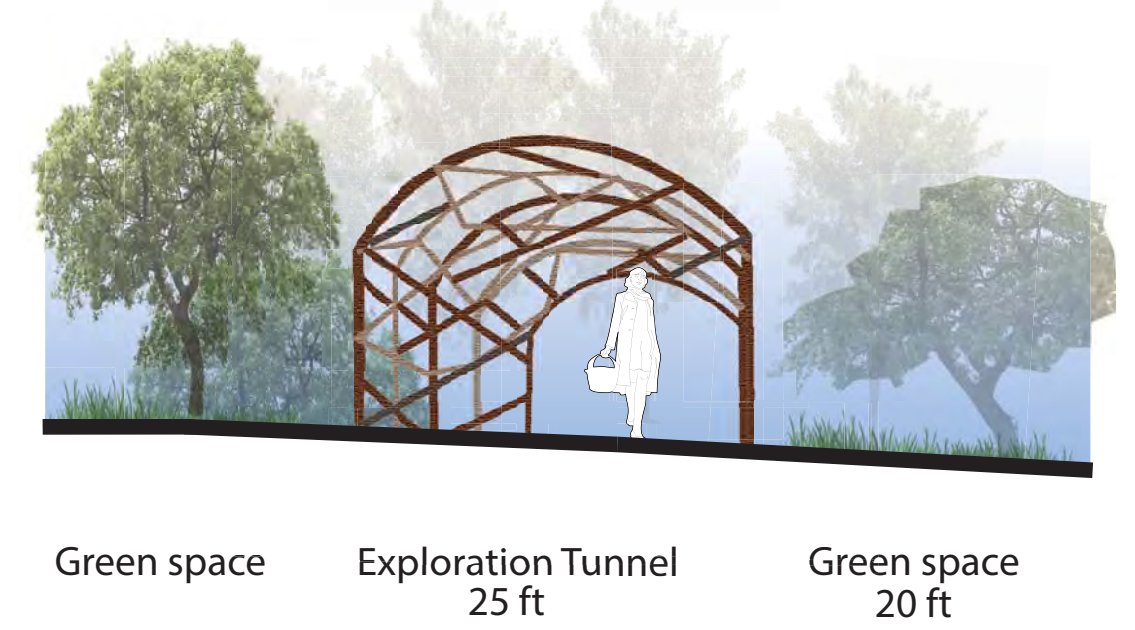
The North side of the site will be the parks restoration area. This will also be the nature walk. People of all ages can explore this natural area to learn more about the natural Colorado Environment.

Section B



SensoryScape has specific sensory gardens and small gathering spaces throughout the site for different programming. Section B shows the transition from our "pods" between our gardens and passive lawn space.

Section C



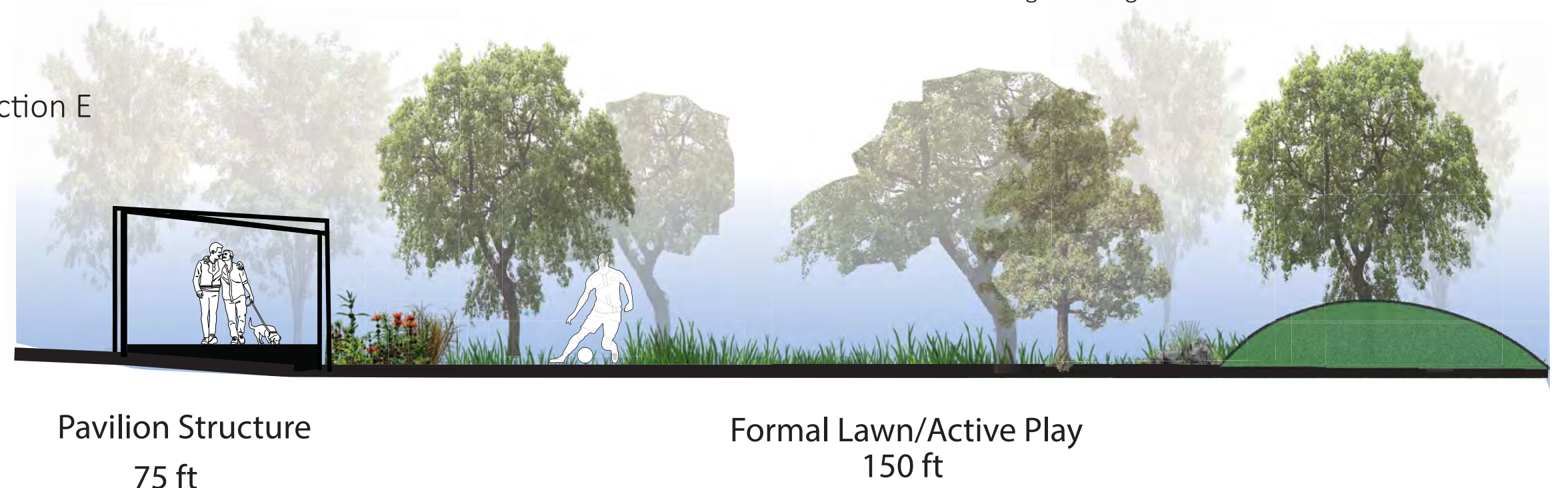
Violet Park has a lot of ecological material left on the site. By encouraging the use of the exploration tunnels SensoryScape will reuse those materials and allow transition zones that encourage exploration on the site. This will also be partially open and allow a lot of natural light through the material.

Section D



The nature play area is located north to the active lawn space and south of the nature walk. The SensoryScape nature play is an interactive site for kids and adults of all ages to touch, investigate, crawl under and engage with water.

Section E



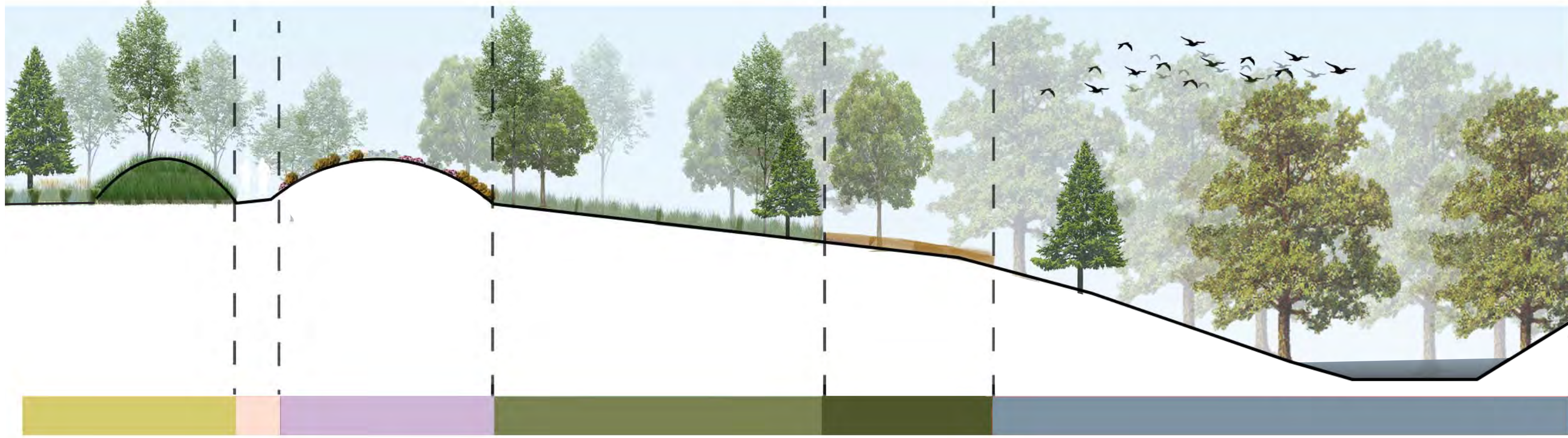
On the West side of the site, there is a built pavilion structure that will transition into the formal and flat lawn area. Active recreation can be used for a multitude of soft programmed uses.

Play Hills

Perspective B shows our new land manipulations that will be incorporated South of the Nature Play site



PLANTING ZONES

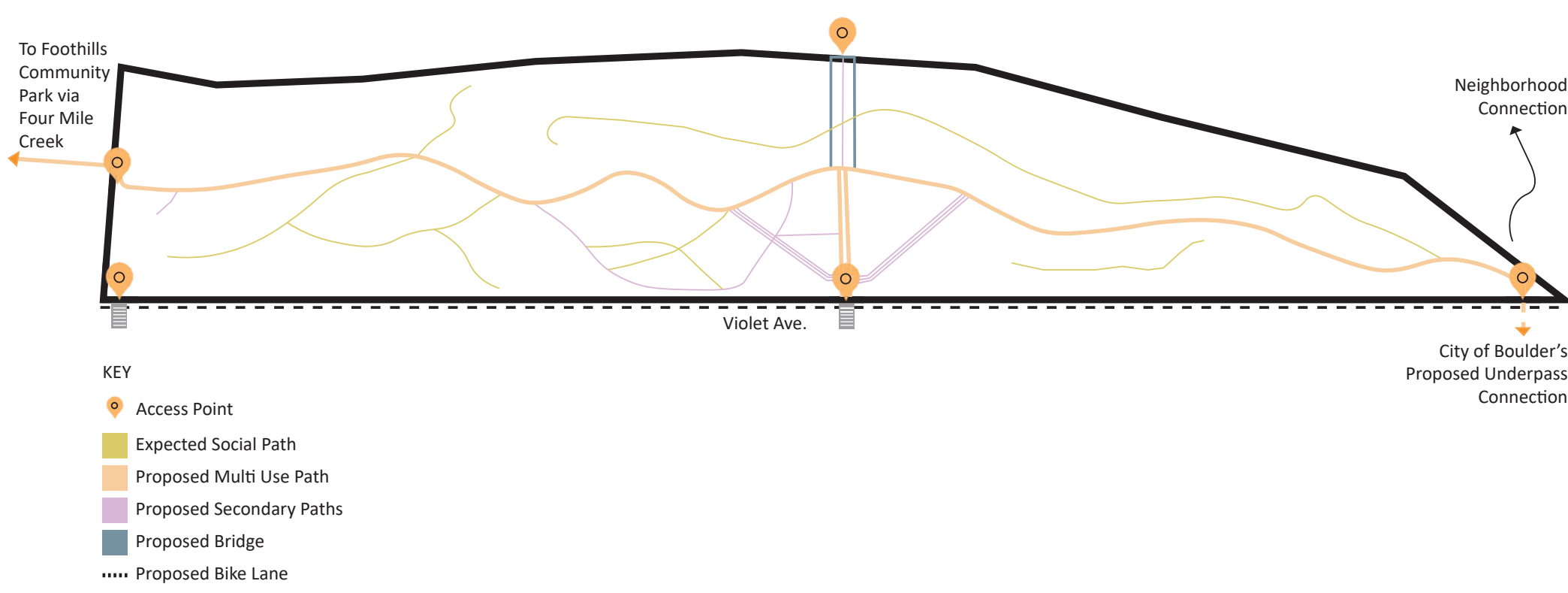


not to scale

- Native Grasses
- Path
- Pollinators
- Turf Lawn
- Short Grass Praire
- Riparian

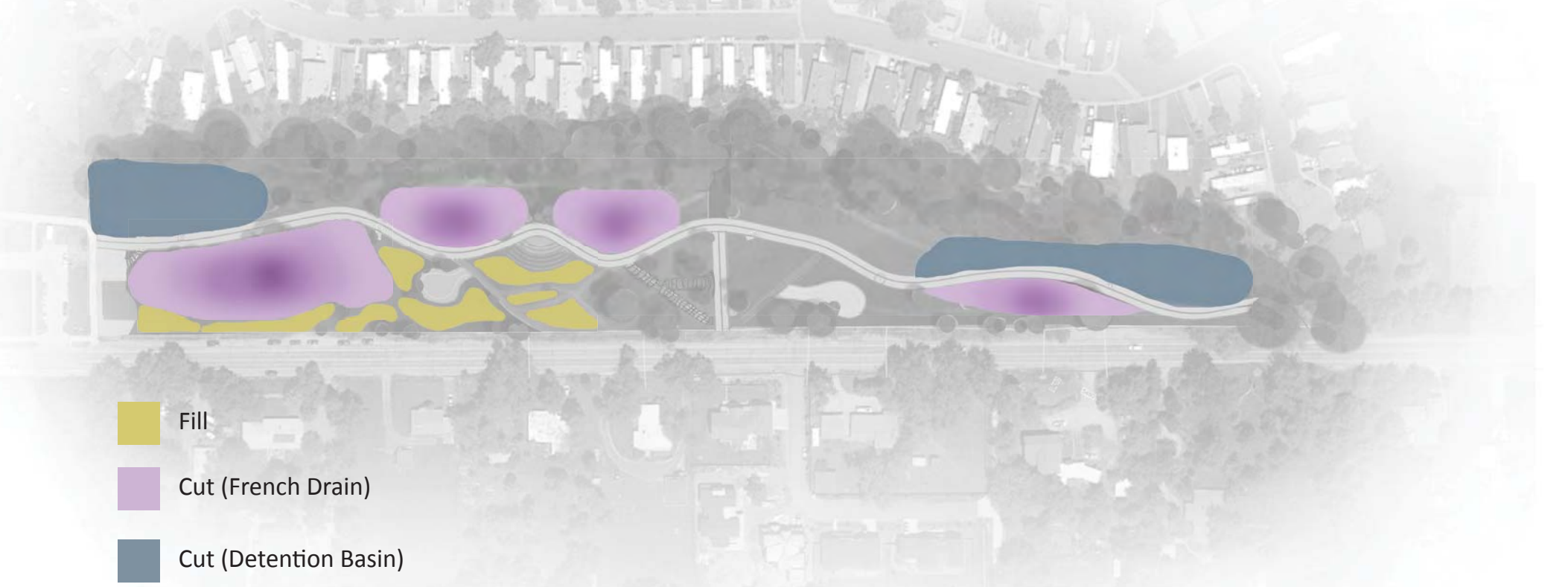
Sensoryscape offers a variety of ecology, whether that's wildlife or vegetation. The park will feature different zones where plantings will differ in order to educate people on native plantings and gardens that could potentially inspire them to consider when considering their yards. These planting zones also work in the senses creating the experiential learning strived to achieve.

CIRCULATION



Sensoryscape is adjacent to Violet Ave, a busy north Boulder road. By adding crosswalks and new points of entry/exit on all sides of the site it creates a safer park and accommodates all the communities that surround the site. A large multi-use path runs through the site to connect four-mile canyon, the new proposed library and encourage people to stay off the busy road. A combination of different types of paths were used to encourage people to wander through the park. These secondary paths encompass experiential tunnels, gardens, a nature walk, and active recreation pods. A bike lane is also proposed to be added to Violet Ave to allow for commuters to have the option of using a more efficient route.

CUT + FILL



With the amount of water that can flood the site, there needs to be low points to collect storm water, as well as high points to allow for programs that cannot flood. By removing soil from the parts of the site that are detention basins, and french drains, it created low areas that allow for the storm water to be collected there. The high points can be created by taking the removed soil and "filling" it into these high points.

ANNUAL FLOODING



When the snow melts in the higher elevation, there is large amounts of water that run off, and collect in the stream on the site. By creating these two detention basins, we are able to collect the runoff that happens every spring.

75 YEAR FLOOD EVENT



Similar to the 2013 flood, the entire site of Violet Park is prone to flooding. This flooding event is called a 75 year flooding event, where there is a 1 in 75 chance that this flooding event could happen. With these detention basins, and french drains, the surrounding neighborhoods are protected from this traumatic flooding event, and keeps the water within this site.

