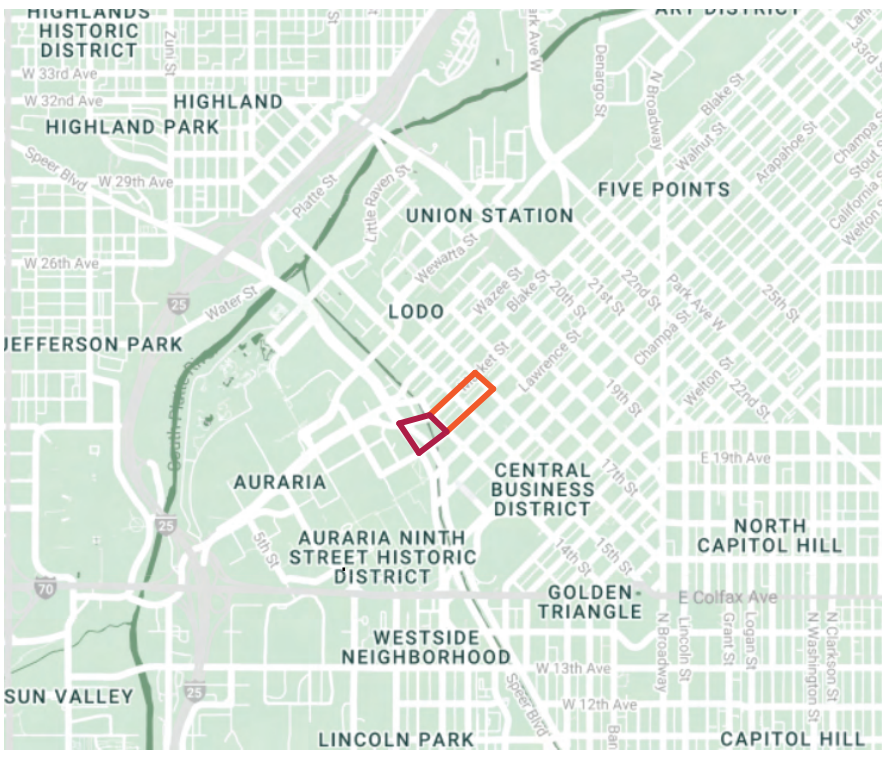


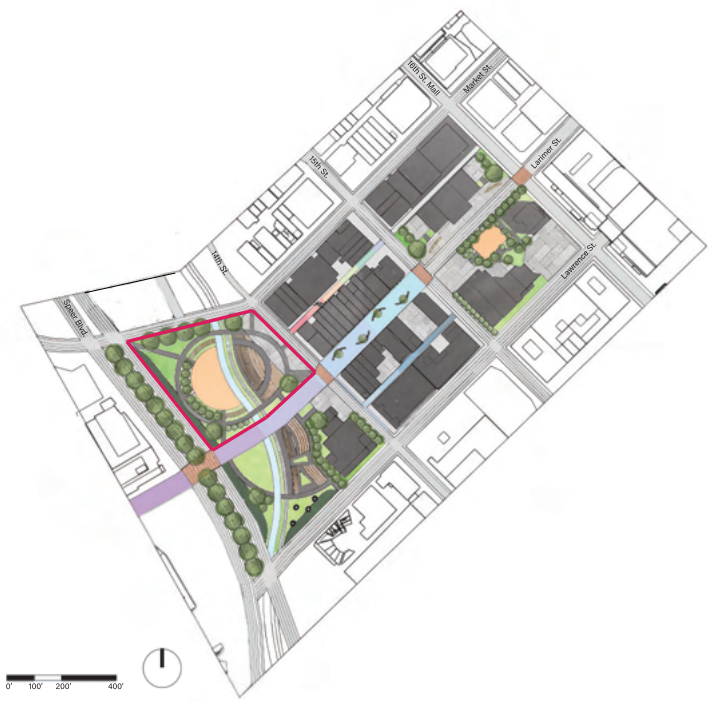
PLAY PARADISE

HALLEY DOUGLAS
LAND2100

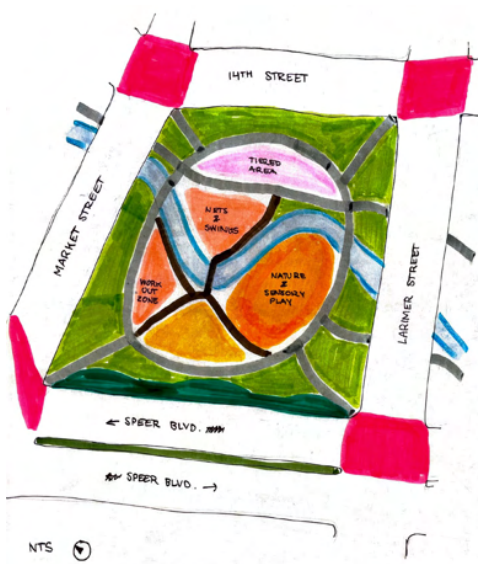
AN INTERACTIVE PLAY PARK IN THE HEART OF DENVER.



CONTEXT MAP

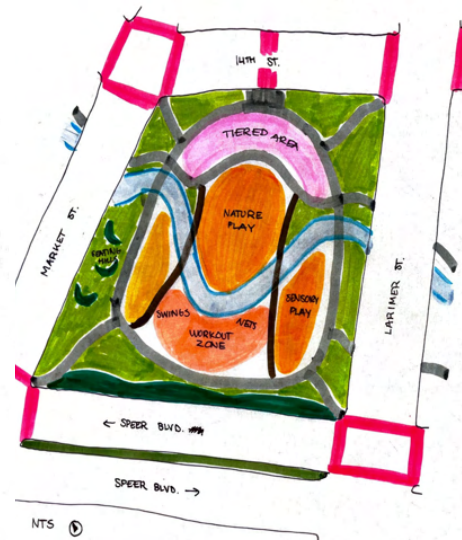


MASTER PLAN KEY MAP



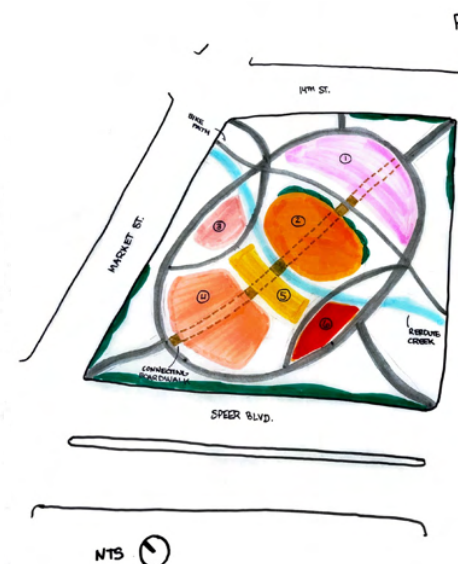
BUBBLES #1

- PLAY GROUNDS (GRID FOCUSED)
- ADULT/OLDER PLAY
- INTERACTIVE PLAY PLAZA
- TIERED AREA
- SOUND BERM
- RAISED GROUND



BUBBLES #2

- PLAY (DOWNWARD)
- ADULT/OLDER PLAY
- INTERACTIVE PLAY PLAZA
- TIERED AREA
- SOUND BERM
- RAKED SAFE CROSSING



FINAL BUBBLES #4

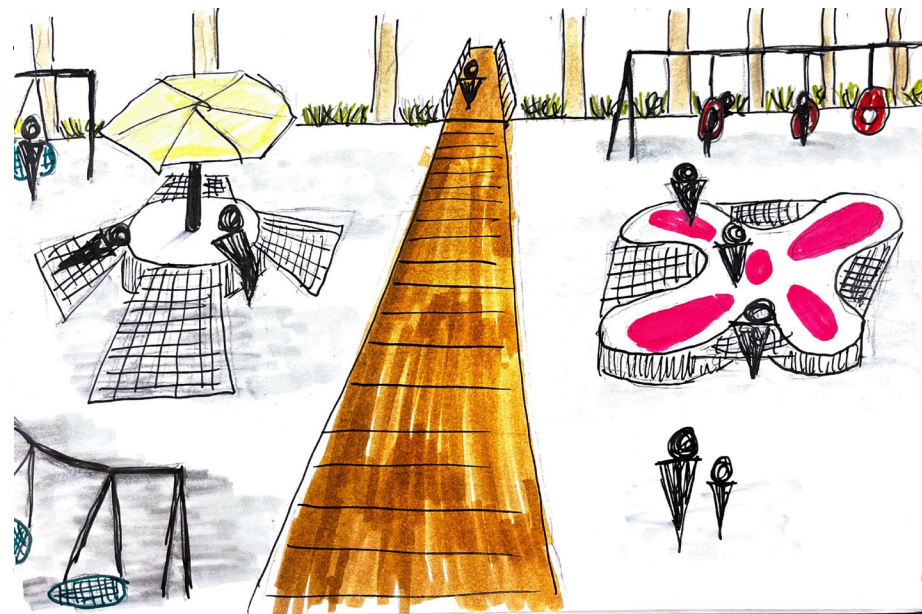
- KENNEY PLAY
- NATURE PLAY
- ADULT/OLDER PLAY PLAZA
- SOUND & NET AREA
- TIERED AREA
- DENIM AREA

The bubble diagrams show the progression of circulation and program through the design process, as well as different creek routes.

The final bubble diagram shows final circulation and concept.

"OUTDOOR ROOM"

- ① GROUND: STEPS, CONCRETE
SIDES: STAIRS/TIERS, CONCRETE
CEILING: HARD
CEILING: SOME TREES FOR SHADE
SOME CONNECTING PURCHASABLE OPEN (W/)
- ② GROUND: VARYING (STONE, RUBBER, CHIPS?)
SIDES: TPO, TREES, BERM
CEILING: STRUCTURES, TREES, OPEN
- ③ GROUND: MIX OF TIRE & CONCRETE
SIDES: TREE/VEGETATION
CEILING: SHADE STRUCTURE OVER SOME
- ④ GROUND: TIRE RUBBER OR RUBBLE MESH
SIDES: STRUCTURES & TREES
CEILING: STRUCTURE W/ SHADE BUILT IN
SOME FROM TREES
- ⑤ GROUND: COMPOSITE DECKING
SIDES: BUILT TUNNELS, TREES
CEILING: LOW COVERAGE, OPEN
- ⑥ GROUND: RUBBER & CONCRETE
SIDES: BUILT PLAY STRUCTURES, BERMS
CEILING: VERY OPEN W/ OPTIONS IN
STRUCTURES FOR COVER



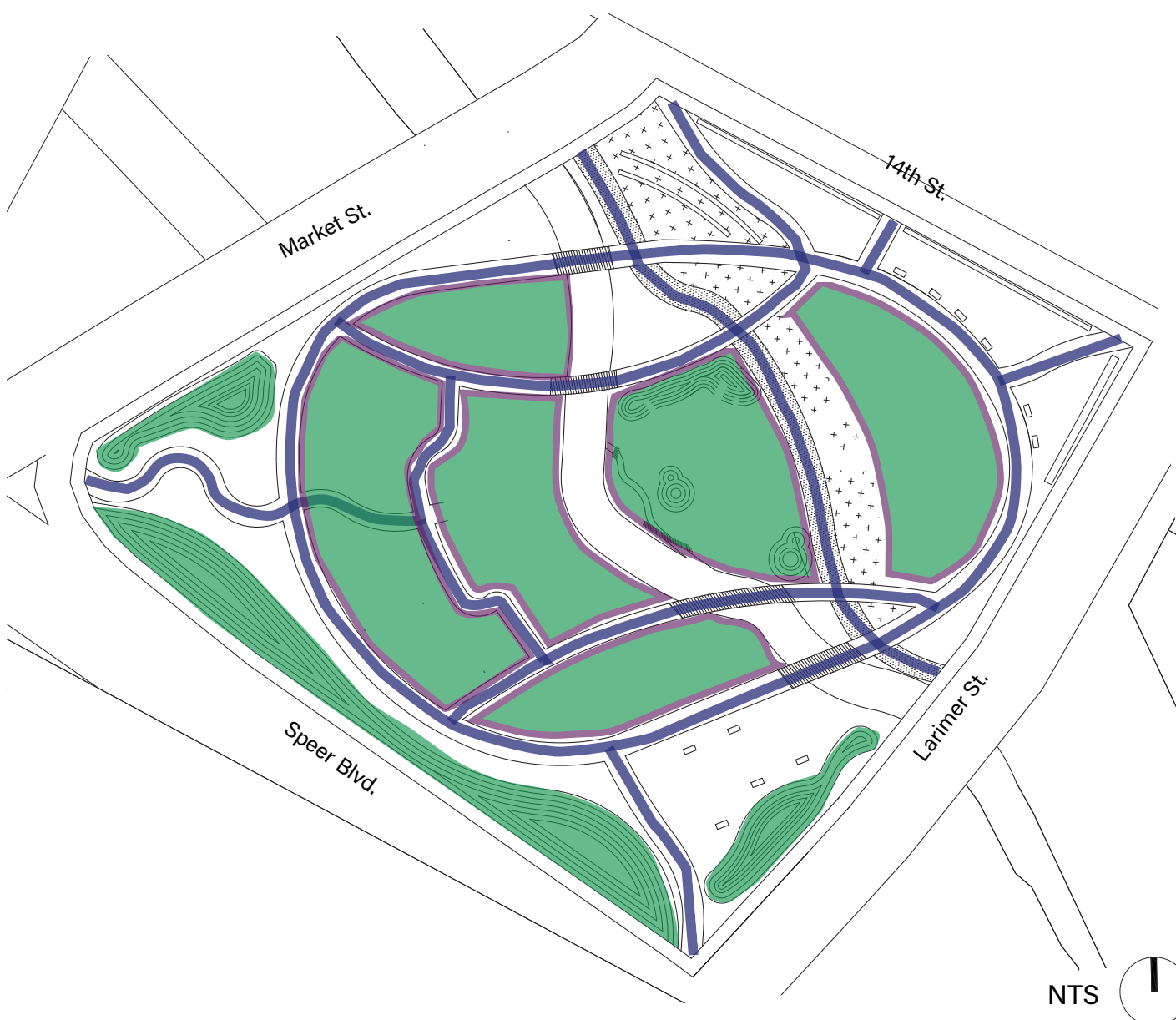
Concept sketch of Swing & Net area.



Concept sketch of tiered seating area with multi-use path.

Outdoor room notes for final bubble diagram

PROCESS WORK



NTS

■ = ABSENCE OF DISTRACTIONS & DEMANDS
Creating a space where users unconsciously relax and unwind from the urban environment.

Play or relaxing is a way of removing demands that comes from work or school. Nature itself is a way to help remove some distractions, so creating a small natural oasis in the urban fabric also applies here.

□ = ORCHESTRATION OF USE
Insert diverse uses into the most logical places as to prevent conflict.

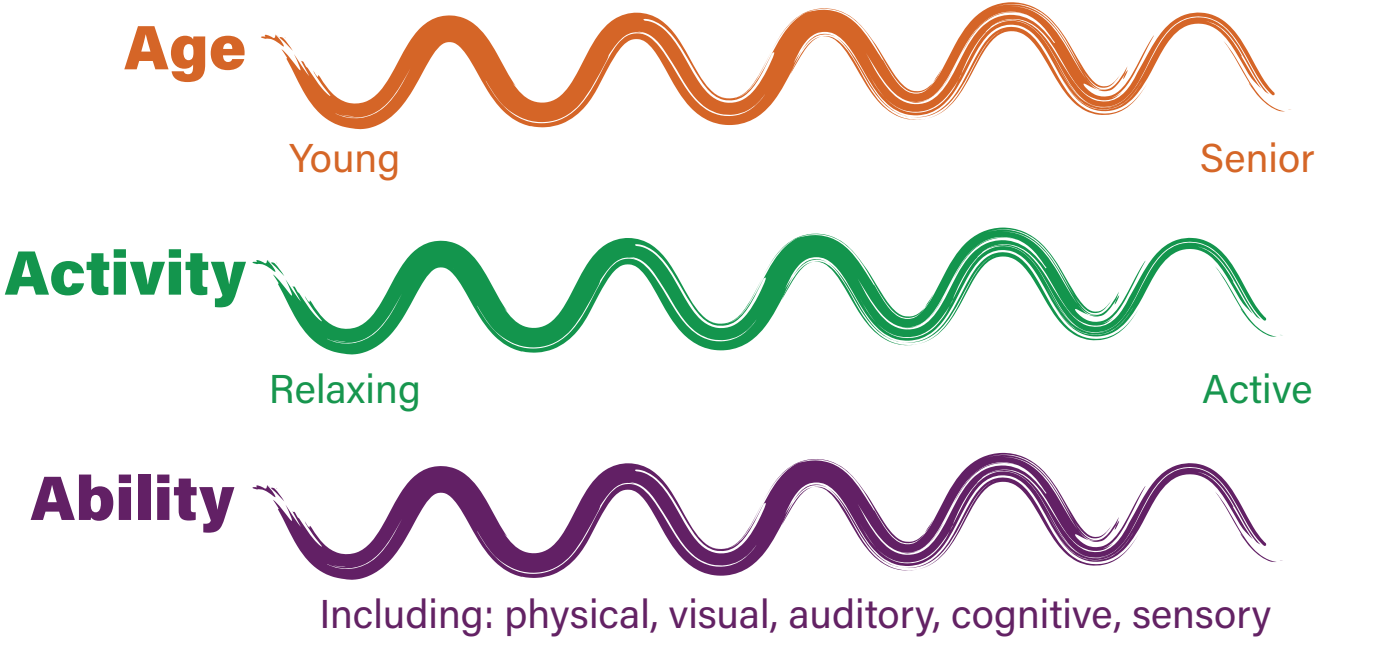
Having many different uses through play opportunities that are "artfully" placed in the landscape. In this case they are placed in appropriate places around the creek and with relation to each other and the intended users.

— = ORCHESTRATION OF MOVEMENT
The subtle direction of movement through the site and separation of spaces for efficiency & amenity of movement.

The circular path directs movement throughout the park as a whole with some smaller path to get to different areas as compliments to the main circulation. The multi-use path is the only place for bikes and will help avoid collisions and connections to other areas of the creek.

OLMSTED PRINCIPLES

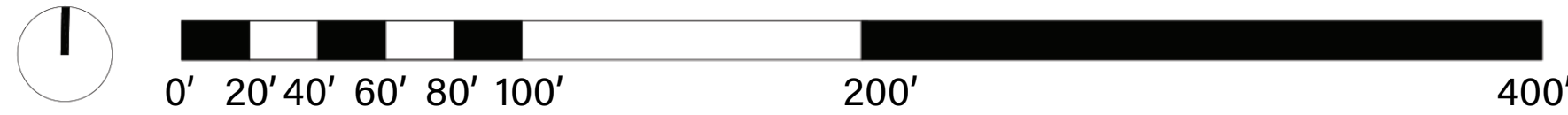
SPECTRUM OF PLAY



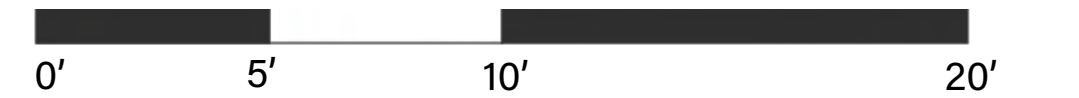
PART I Each concept exists across the park as a spectrum through play

- KEY:**
- = Multi-Use Bike Path
 - = Tall Grass Groves
 - = Perennial Planters
 - = Shade Structure
 - = Evergreen Tree
 - = Deciduous Tree
 - = Red Oak Playground Trees
 - = Hammock Safe Trees
 - ① = Swing & Net Area
 - ② = Workout Zone
 - ③ = Play Plaza
 - ④ = Nature Play
 - ⑤ = Tiered Seating Area
 - ⑥ = Sound Berm

SITE PLAN



SECTION Shows the bottom of the tiered seating area, the multi-use bike path, and the start of the nature play area.



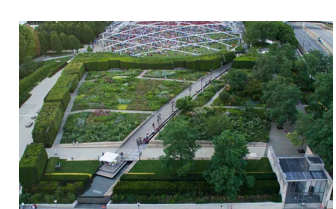


- = Sound Blocking Vegetation
Layers of plantings with help mitigate sound from Speer Blvd. on top of the sound berms.
- = Native Short Grass Lawn
The use of grasses like Buffalo Grass help minimize water needs on the site while still supplying the green lawn aesthetic.
- = Hammock Tree Grove
Trees here are perfectly spaced for hammocks, a popular past time of many people here. The large trees also supply shade as a perfect relaxation space.
- = Shade Tree
The goal of these trees is to minimize the high sun exposure present on the site especially in areas with high children numbers or where lots of activity takes place.

- = Perennial Planters
Small round planters with flowering perennials for added color in the spring and summer.
- = Playground Safe Plants
Plants here will add sensory engagement and help encourage children to engage with the nature around them. They will all be safe for kids.
- = Native Grass Groves
These areas emulate the prairies that used to stand in areas of Colorado. The variety of grass provide natural barriers and audio sensory for users.



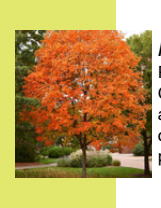
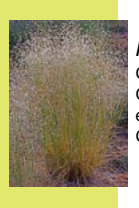







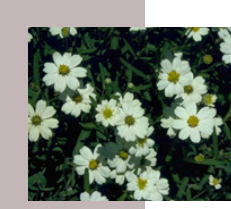



Levy Park Playground (Houston, TX)
Natural and artificial areas. Shade trees around play area.



Lurie Garden (Chicago, IL)
Perennial planters with colorful flowers and sit walls.

ECOLOGY PLAN

PLANT PRECEDENTS

 <p>Red Oak Provides shade for play areas. Changing colors of leaves allows for visual sensory and dropping of leaves means more play options.</p>	 <p>Indian Ricegrass Good for borders. Creates audio sensory engagement. Grows well in Colorado environments.</p>	 <p>Jerusalem Sage Yellow color compliments purple Allium. Can grow tall and recommended for mass plantings with other perennials.</p>	 <p>Allium Purple color is bright and blooms in warmer months. Shape is sensory for children and safe for them as well.</p>	 <p>Lambs Ear Sensory for touch (soft). Very drought tolerant and safe for children and animals.</p>
 <p>Colorado Spruce Evergreen helps block sound year-round. Dense.</p>	 <p>Common Juniper Dense and helps block sound when in groups.</p>	 <p>Wand Panic Grass Can grow in moist and dry climates. Subtle color through most of the year. Varying heights.</p>	 <p>Big Bluestem Grass Height creates natural barrier for people. Subtle color goes well with other plants and it does well in dry climates.</p>	
 <p>Blackfoot Daisy Grows in dry climates. White color.</p>	 <p>Arrowleaf Balsam Grows in high sun areas and yellow goes well with white.</p>	 <p>Cutleaf Anemone Grows in high sun and comes in many fun colors.</p>	 <p>Buffalo Grass Can be used in lawns but better with drier climates and requires less water to maintain.</p>	

PLANT LIST



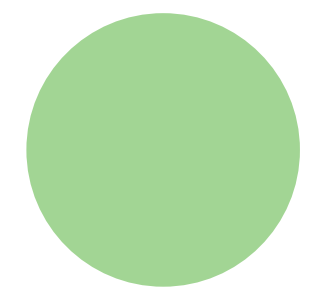
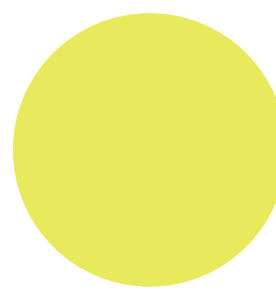
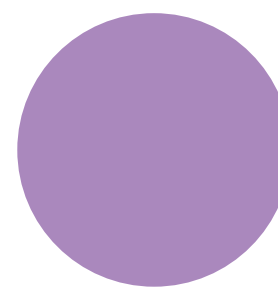
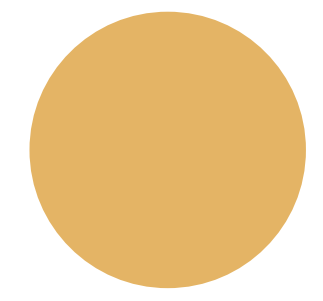
PERSPECTIVE View from the central walkway shows aspects of the play plaza and the workout zone in the background.



- Tiered area** made of pavers and concrete allows a place to relax and enjoy the views of the Rocky Mountains to the North West. Close to Larimer and LoDo for working users on breaks.
- Grass groves** with native native grasses that create soft natural borders that aren't as hard as walls. They also make noise in the wind helps down out city noise and a new sensory input.
- Small field with trees perfect for hammocking. The closeness to the creek and distance from louder areas make it the perfect relaxation place to enjoy nature in the urban context.
- Berms** for sound blocking around Speer Blvd. and in nature play to create natural barriers and climbing areas that encourage different play than artificial climbers.
- Workout Area** perfect for older people and college students to enjoy a more mature playground area. Outdoor gyms provide free, accessible workout areas and are found to help form strong social communities among regular users.
- Nature Play** allows for better play opportunities for children than bright structures. It uses the creek for natural water play as well as wood and rope structures. Nature play is imperative for cognitive development for children.
- Net & Swing Area** is the perfect place for college students and older people as any form of play is proven to reduce stress, improve relationships, and increase creativity for any age. Still in site line of areas for children it is optimal for parents at the park.
- Play Plaza** is an interactive plaza emulative of the Folds in China that allows for people of all ages to engage in climbing, sitting, and playing across tunnels, bridges, and platforms. It further pushes full body interaction for development in children while also providing fun areas for older folks as well.

PROGRAM DIAGRAM

SPECTRUM OF PLAY



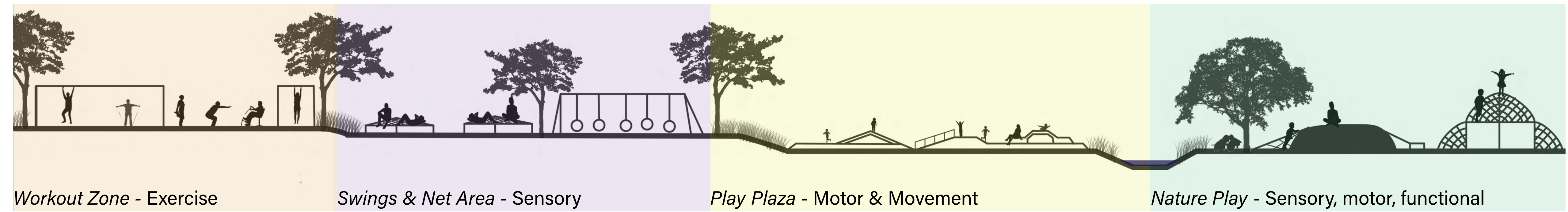
Orange is the combination of the **energy provoking** of red and the **fun** aspect of yellow which makes it optimal to create a fun and energized environment for working out.

This area is intended for a more **relaxed**, but still fun environment for lower sensory and older ages. **Purple** can be used as a **soothing** color and can promote **creativity**.

The Play Plaza is a space for kids to use their imaginations and run wild with the simple structure, so having a fun bright color **yellow** which both promote more **energy** and **play**.

The nature play area will have the most **natural color palette**. **Green** will draw children in because it is a brighter color and will be the highlight of the area.

COLOR THEORY



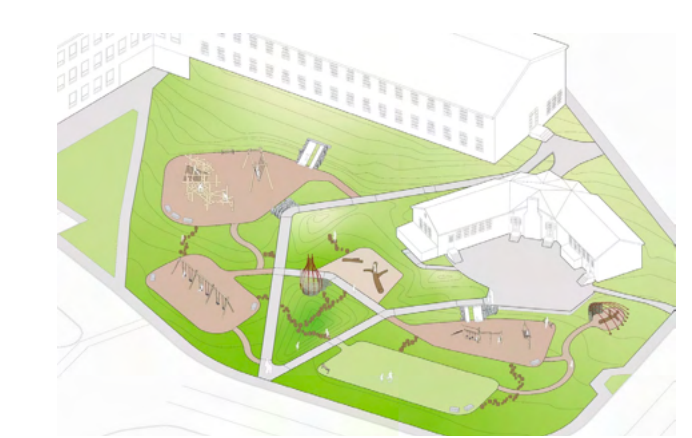
PLAY CONCEPT SECTION



The Fold (China)
Interactive plaza. Promotes motor skills and movement skills. Inspires imaginative play. Fun for all ages.



Lawn on D (Boston, MA)
Swing set designed for older ages. Utilized at night by college students.



Moorestown Friends School Playground (New Jersey)
Variety of play areas connected by circulation. Nature play aspects.

PLAY PRECEDENTS