

THREAD PARK

Tori Civitello, Megan Percy, Miles Shapleigh, Alec Stolz

Our Mission:

- To design a park that promotes educational experiences surrounding the park's natural ecology
- To create an easily accessible and resilient center for surrounding communities
- To design a storm water mitigation system that can also act as multi-use recreational space



Pump Track and Detention Basin



Discovery Gardens



THREAD PARK SYSTEMS DIAGRAMS

Program and Recreational Play

Various programs are scattered throughout the park, spread out along the organizing feature: the thread.

Designed Programs:

- Pavilion & Community Garden
- Eco Portal
- Bouldering Grove
- Discovery Garden
- Pump Track

Purpose:

- Create community gathering space
- Educational experiences
- Nature play
- Passive recreational space
- Active recreational space

Circulation and Access

Circulation of the park, access for surrounding neighborhoods and safety of users are met with multi-use paths, walking paths, and exploratory foot paths with various access points.

Circulation Paths:

- Main multi-use path runs along Violet Avenue
- Secondary walking path that connects all programs
- Tertiary exploratory paths creating opportunities for personal experiences and implicit nature play

Access and Connections:

- Two access points are on the East and West side
- Five access points located along the length of Violet Avenue
- Two connections to Boulder Meadows from the end of Appletree St. and proposed North Boulder Library walkway

Flood Mitigation

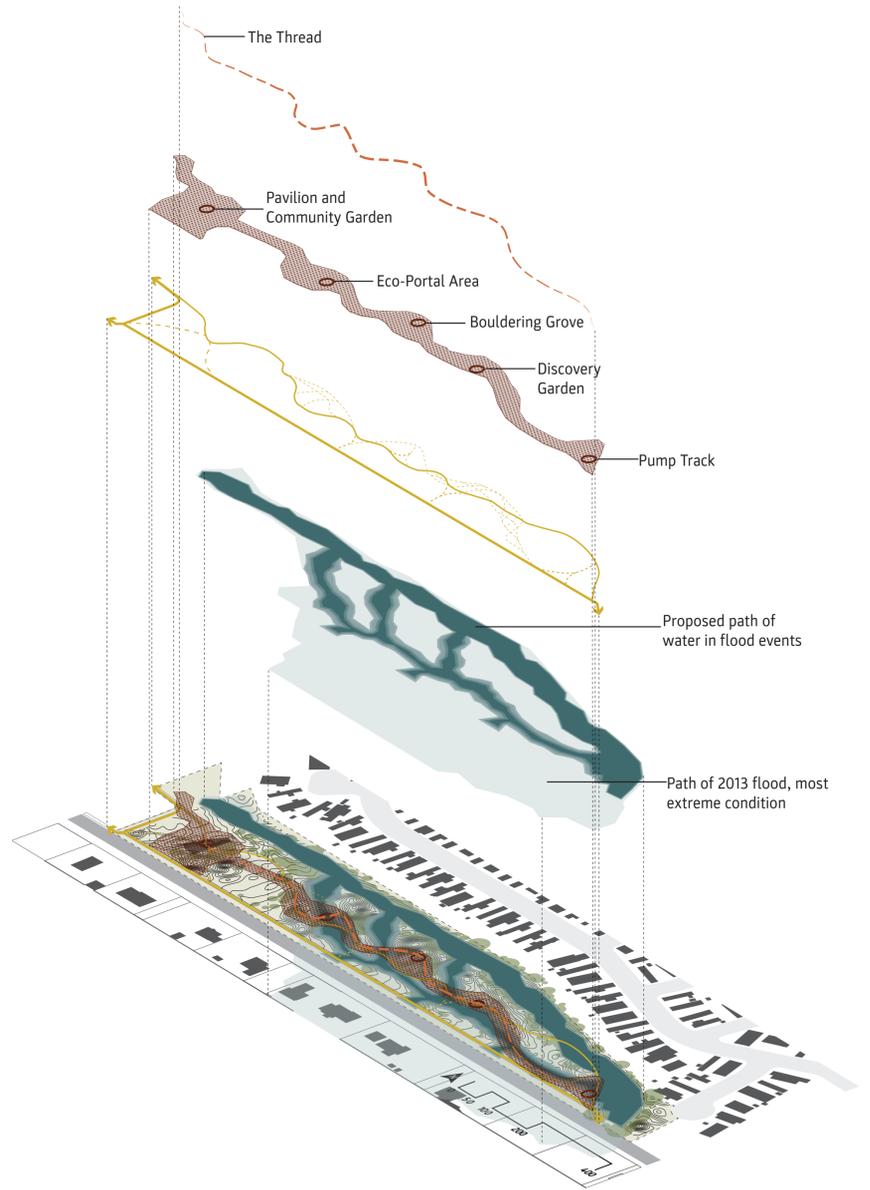
Storm water management and safety of the park and the surrounding neighborhoods is a primary goal.

Flood Mitigation Features:

- Bioswales, detention basins, rain gardens are created by land form manipulation
- All features act as recreational spaces during dry periods
- Sediment will collect on the East side of the park by the pavilion to be easily removed and cleaned

How it works:

- Deepening and widening of the creek allows heavier flow of water during wet season
- Cut and fill of land swales slow water and sediment moving through the park
- The pump track/ detention basin will fill and detain water for 72 hours during extreme conditions



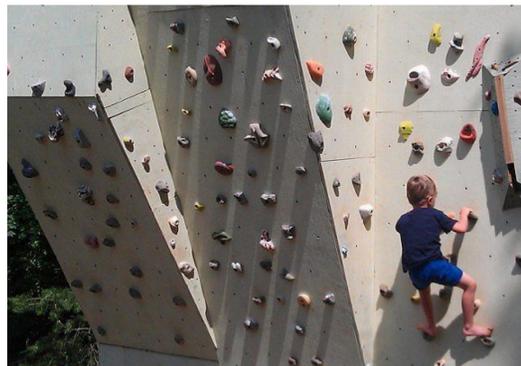
Thread perspective



Pavilion precedent



Community Garden precedent



Climbing wall precedent



Nature play precedent