

A landscape sketch with a black and white industrial structure on the left, possibly a factory or power plant, featuring tall chimneys and pipes. To its right is a large, rolling hillside covered in sparse vegetation and rocks. The sky above the hill is filled with light, wispy clouds.

# Madison Hutchings

Landscape Architecture Portfolio 2020



The Channels, Virginia



The Channels, Virginia



Chefchaouen, Morocco



The Great Sand Dunes, Colorado

## **Intern Work**

4-7

**Stantec, Orlando.** Summer 2019.

**HBB Landscape Architects, Seattle.** Fall 2019-20.

## **School Work**

8-23

**Arise,** 2020.

**Patchwork,** 2018.

**NoMA,** 2019.

**Paisley Park,** 2018.

**Delta District,** 2019.

## **Other Media**

24-27

**Independent travel photography.**

# BROWARD COUNTY CONVENTION CENTER

Broward County, Florida. 2019.



## Project Statement:

Redesigning an existing parking lot as a warm, welcoming, and flexible space for large events, dining, shows, and more. The design draws from the water and sailing culture it's immersed in.

## Personal Design Tasks:

- Charetting restaurant locations
- Construction documents and details
- Rendering illustrative masterplan
- Creating planting palettes
- Materials research and choice
- Code research and application

Masterplan rendered alongside Vasilenko,  
in house artist

# IMAGINE CLEARWATER

Clearwater, Florida. 2019.

## Project Statement:

Revitalizing the economy of Clearwater, Florida by designing a new waterfront attraction. 20 acres of park including a 40,000 person amphitheatre, water play, art displays, plaza space, estuaries, and habitat revitalization.



A pedestrian bridge inspired by the sand dunes and waves of Clearwaters beaches.

## Personal Design Tasks:

- Charetting pedestrian connections
- Brainstorming concepts the entire project can be based around
- Presenting design ideas to the client



An alternative bridge inspired by Florida marshes and mangroves. and wildlife.

# RAPID RIDE I-LINE

Auburn, Kent, and Renton, WA. 2019-20.



## Project Statement:

Rapid Ride transit extension from Auburn to Renton, Washington. A more efficient bus system than the current routes in place to help people commute to work, school, and other needs.

## Personal Design Tasks:

- Photorealistic renderings of the stops, helping to depict a better rider experience
- Illustrator maps and diagrams



# FINDLAY & BRANDON ST. TRAIL PLANNING

West Seattle, WA. 2019-20.



## Project Statement:

Focusing on improved pedestrian connections between two neighborhoods. With one neighborhood soon getting new Rapid Ride and Light Rail extensions, the other should have equal access, but is less able with steep topography as well as lack of lighting and safe walkways.

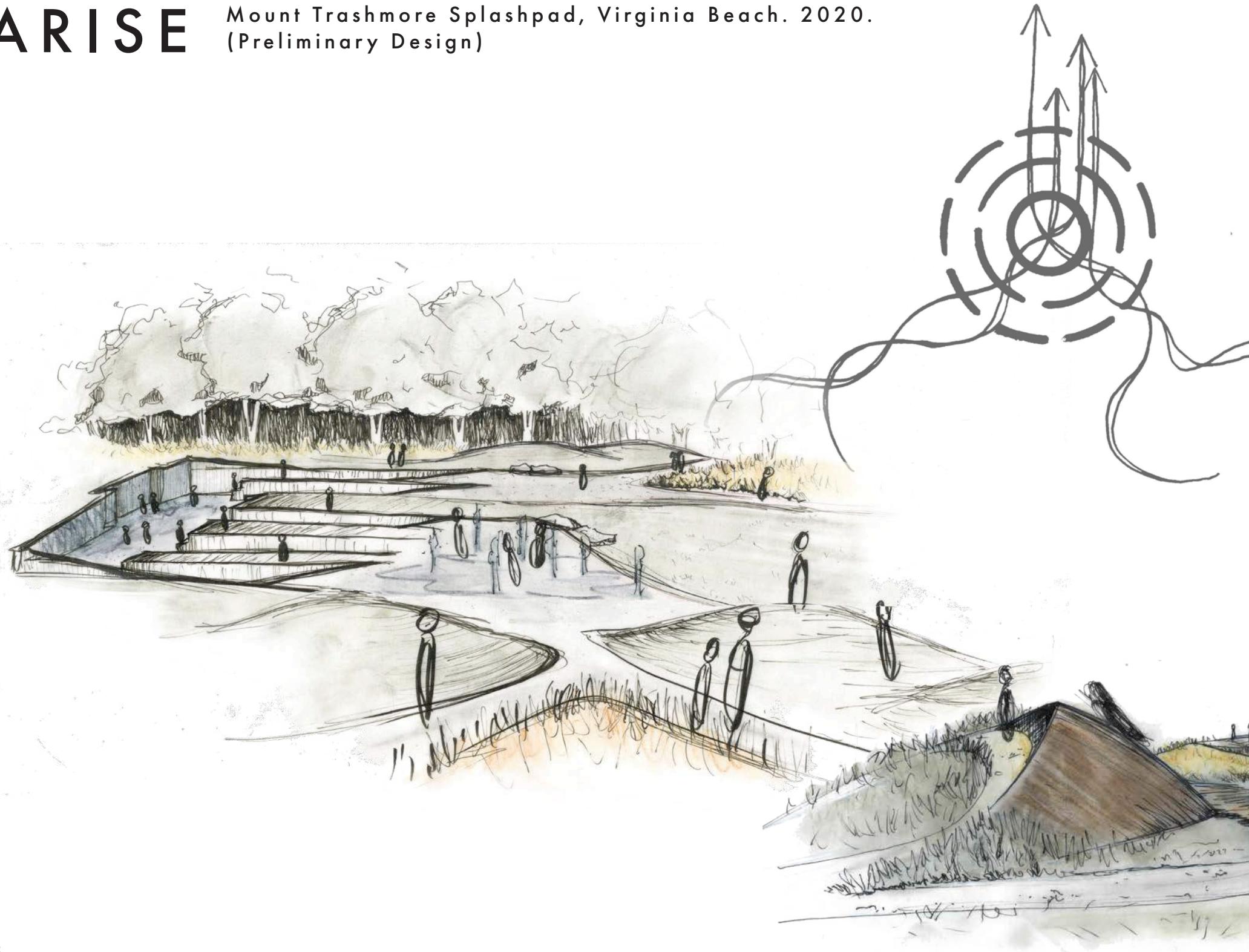
## Personal Design Tasks:

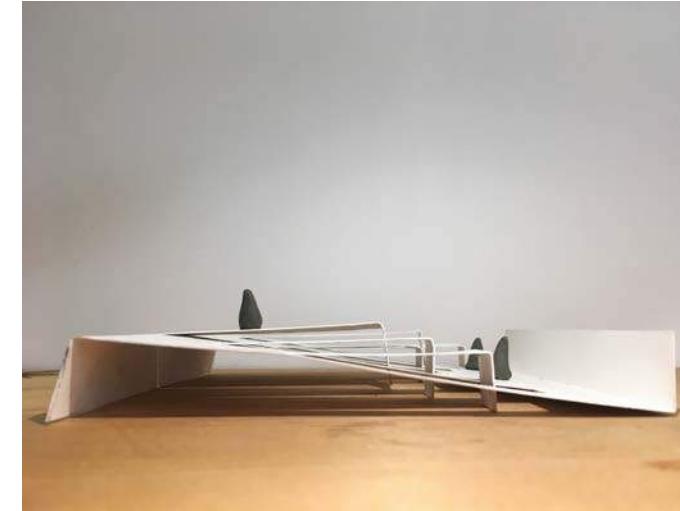
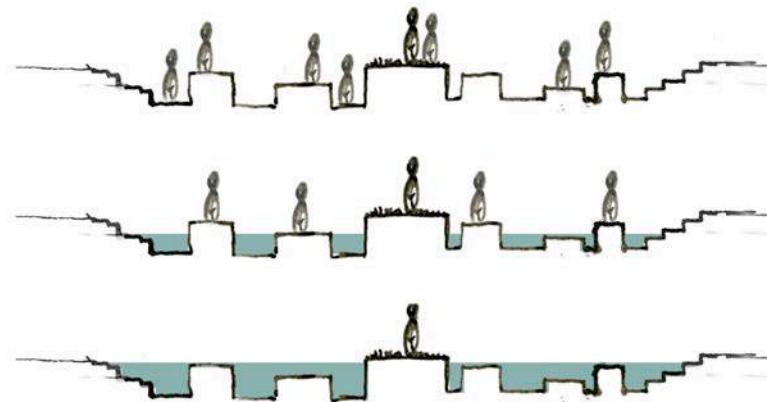
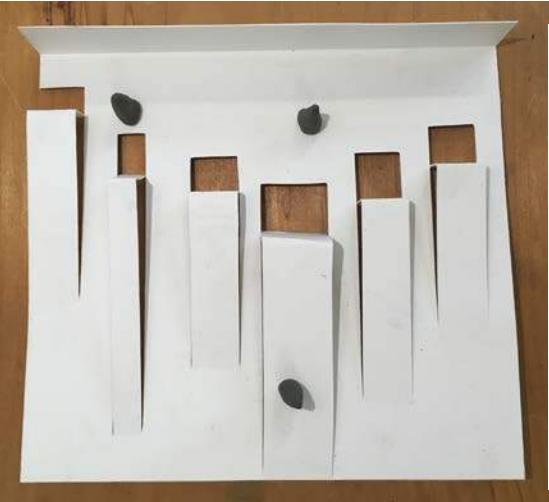
- Analytic site visits
- Designing posters and kids activity for community meetings
- Leading site walks with community members at meeting
- Compiling community feedback and ideas and charette possible design solutions



# ARISE

Mount Trashmore Splashpad, Virginia Beach. 2020.  
(Preliminary Design)





*Study Models and Diagrams to understand sunken concept.*



**In a city so susceptible to sea level rise, I was inspired to create a space that could be relatable to its residents and raise awareness to its visitors, while being abstract and timeless. The form is inspired by the contrasts of the verticality of the built and natural and the interactions between the two amidst sea level rise.**

The initial design presented to the city drew a visitor in through curiosity. The water feature was sunken and only revealed after wandering through a bermed landscape. The water levels of the space fluctuates, completely covering the built structures or revealing them, representing nature overtaking the built. It becomes a lively place of chasing water, impromptu performances, gathering, sunbathing, and play.

Because of the site's landfill history, this concept became impractical with the city's apprehension to dig too deep into the ground.

# ARISE

Mount Trashmore, Virginia Beach. 2020.



The final design draws a visitor in through curved paths framing glimpses of the water feature. **The pavement pattern is reflective of a topographic map, giving a tactile first impression of the concept of verticality.** One has the option to enjoy bermed lawns, secluded sandpits, and sensory raingardens before reaching the crescendo of the site.

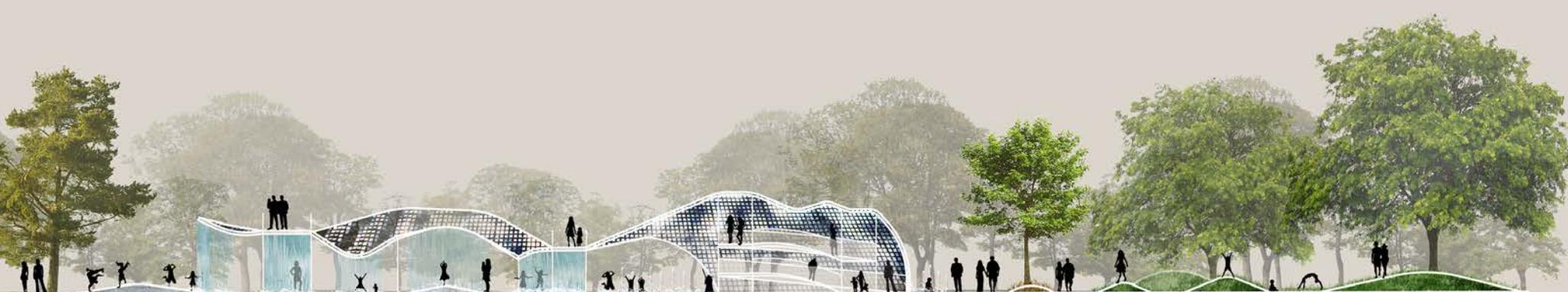
When the visitor arrives at the splash pad, they see **a structure rising and overtaking the pavement below, like a wave washing up the shore.** Underneath is a variety of mystic and chaotic water types, as well as a fluctuating floor and ceiling creating moments of compression and relief. To represent the human push and pull with nature, an option exists to wander up a ramp and overcome the chaos, enjoying the sound of unseen water and the views of the park from above.



The idea of a topographic map carries through within the planting. The all native plant palette is in swaths of planting varying in heights to represent waves rising and falling to further immerse the visitor.

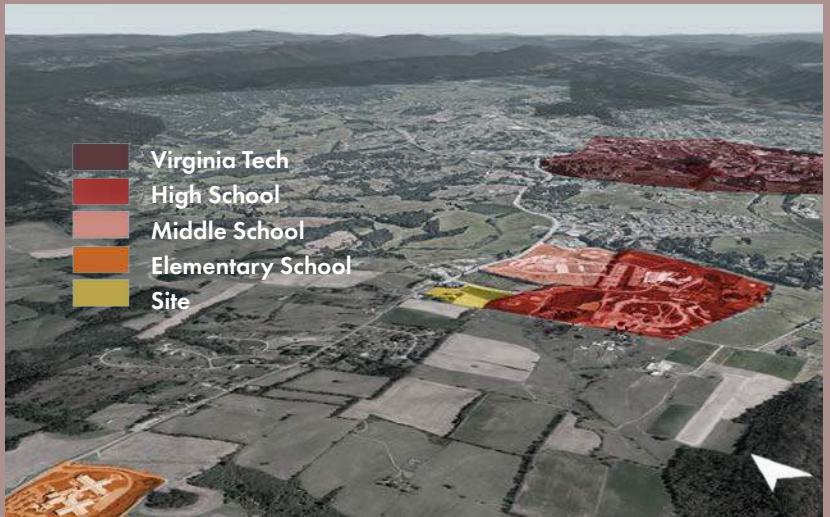


A view from under the splash canopy. The supports are laid in a grid, representing the built environment overtaken by nature. Water pools, flows, pours, mists, and erupts to represent phases of a storm.



# PATCHWORK

Blacksburg, VA. 2018.



## Context

Four fiber artists purchased a 10 acre site in Blacksburg, VA to build a new studio space and fiber arts community.

Their site is currently a corn field and sits in a valley with great views of the Appalachian mountains. It is surrounded by many multipurpose trail systems and farmland. The site also happens to be adjacent or very close to schools of every level, giving it the unique opportunity to not only serve as a studio for the artists, but as an educational resource for students.



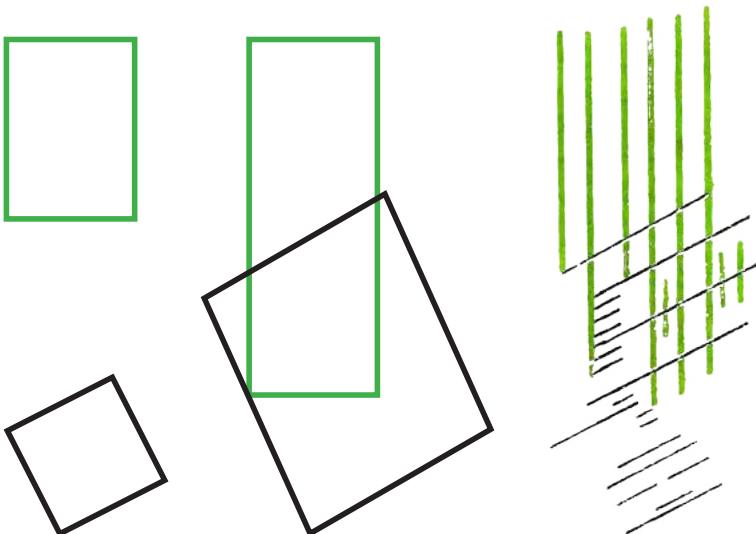
## Behind the Design

Beginning this project with research on fiber art, I discovered just how harmful the textile industry is to the people practically enslaved in it, the animals mistreated by it, and to the environment. The textile industry has been one of the world's largest pollutors for over one hundred years, speeding up the effects of climate change.

This design strives to bring together students from all of

the neighboring schools and teach them safe textile production practices through organic farming, reflective of its agricultural surroundings. It becomes a beautiful and peaceful site, showing what the world could be like with the right measures taken.

*The parking lot takes on the geometry of both the studio and the orchard, allowing the trees from the orchard to emerge into the building's space*



- Orchard 1
- Parking 2
- Artist's Studio 3
- Terraces 4
- Meadow 5
- Lodging 6
- Groves 7
- Pasture 8



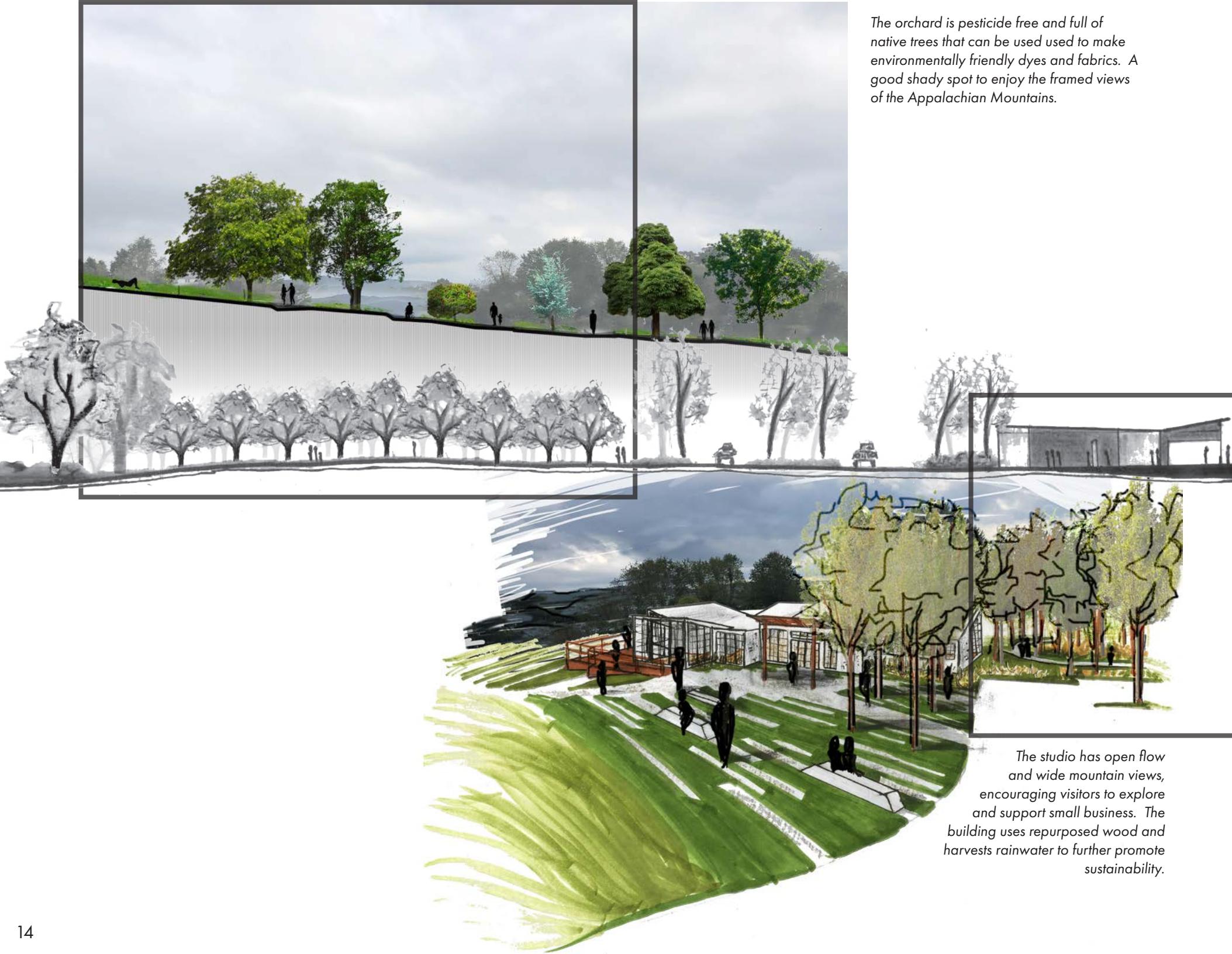
The meadow is a spot to reflect and seek inspiration while wandering through a palette of plants of varying color, form, texture, scent, etc. Here, the senses and mind will come alive.



The Air BNB lodging on site allows for people who aren't interested in fiber art to find Patchwork during their visit to Blacksburg, leaving with an interest in fiber art and changing the textile industry.



Marker drawn plan



The orchard is pesticide free and full of native trees that can be used to make environmentally friendly dyes and fabrics. A good shady spot to enjoy the framed views of the Appalachian Mountains.



The studio has open flow and wide mountain views, encouraging visitors to explore and support small business. The building uses repurposed wood and harvests rainwater to further promote sustainability.

The pasture is a space where a local farmer can bring in a temporary sheep display, to show safe animal practice and alternatives to more depleting fabrics. It is a place cow paths are encouraged, a place to run, play, and enjoy the sun.



The terraces are home to a dye garden like that of the orchard. They also provide an amphitheatre and flexible lawn space, creating an active and lively spot of the site.



# NoMA

North Main Art Park  
Danville, VA. 2019.



NoMA was a four day group charette in Danville, Virginia in which I took lead. Danville is a quaint southern town with an up-and-coming arts district and beautiful architecture and vistas. However, the town faces hardships in the form of a declining economy, emmigration, and racial discrimination. **The local government was seeking ways well designed public spaces could help to eradicate some of these issues and help usher in a new era.**

NoMA is currently a site with a therapeutic center, a track, and some weathered sports fields. A main goal was to improve upon that established program, as well as to add opportunity for other activities.

Turning towards the art's movement in the town and the younger population around the park, **NoMA wanted**



**to unite people by being a lively and active space fit for artistic expression, whether it be culinary, dancing, musical, painting, or sculpture.**

**The park aims to mix people together like paint on a palette,** and has a central sculpture to celebrate this notion. The sculpture is made of repurposed wood stained different colors, dispersed along the lawn then gradually rising taller as they come closer together. A subtle nod to how people of different races and backgrounds are stronger when they come together.

*Exploratory diagrams for trail layout. These diagrams were influenced by the concept of an artists palette and mixing cultures together, reflected in the landscape through colored planting and materials. Form, size, and locations were formed by considerations of surroundings and program.*



○ Rendering by Colin Harlan

○ Rendering by Lydia Vaccare

# PAISLEY PARK

Blacksburg, VA  
2018.



## Landmarks

## The Powerplant

## The Site

1 Moss Arts Center

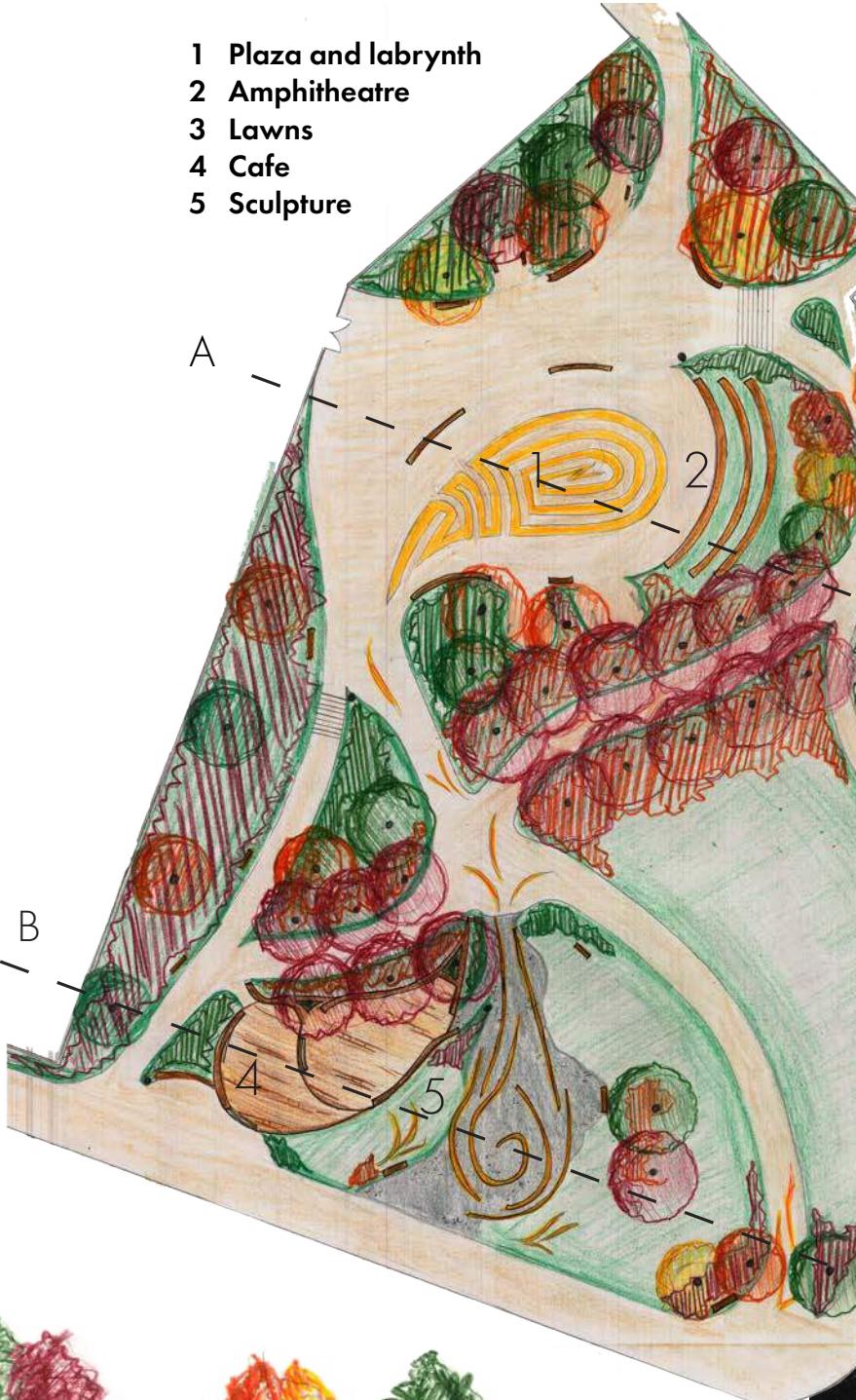
2 The Pylons

3 The Drillfield

4 Burruss Hall

Located at the North End Center at Virginia Tech, this site sits at the geographic head of the campus, though currently is just a lawn. It is also across the street from the power plant that powers the school. This powerplant view is something most would try to hide with trees, and in effect hiding the site away from the street. Instead, **I became inspired by this power generator, and wanted my design to reflect it's energy.**

- 1 Plaza and labyrinth
- 2 Amphitheatre
- 3 Lawns
- 4 Cafe
- 5 Sculpture



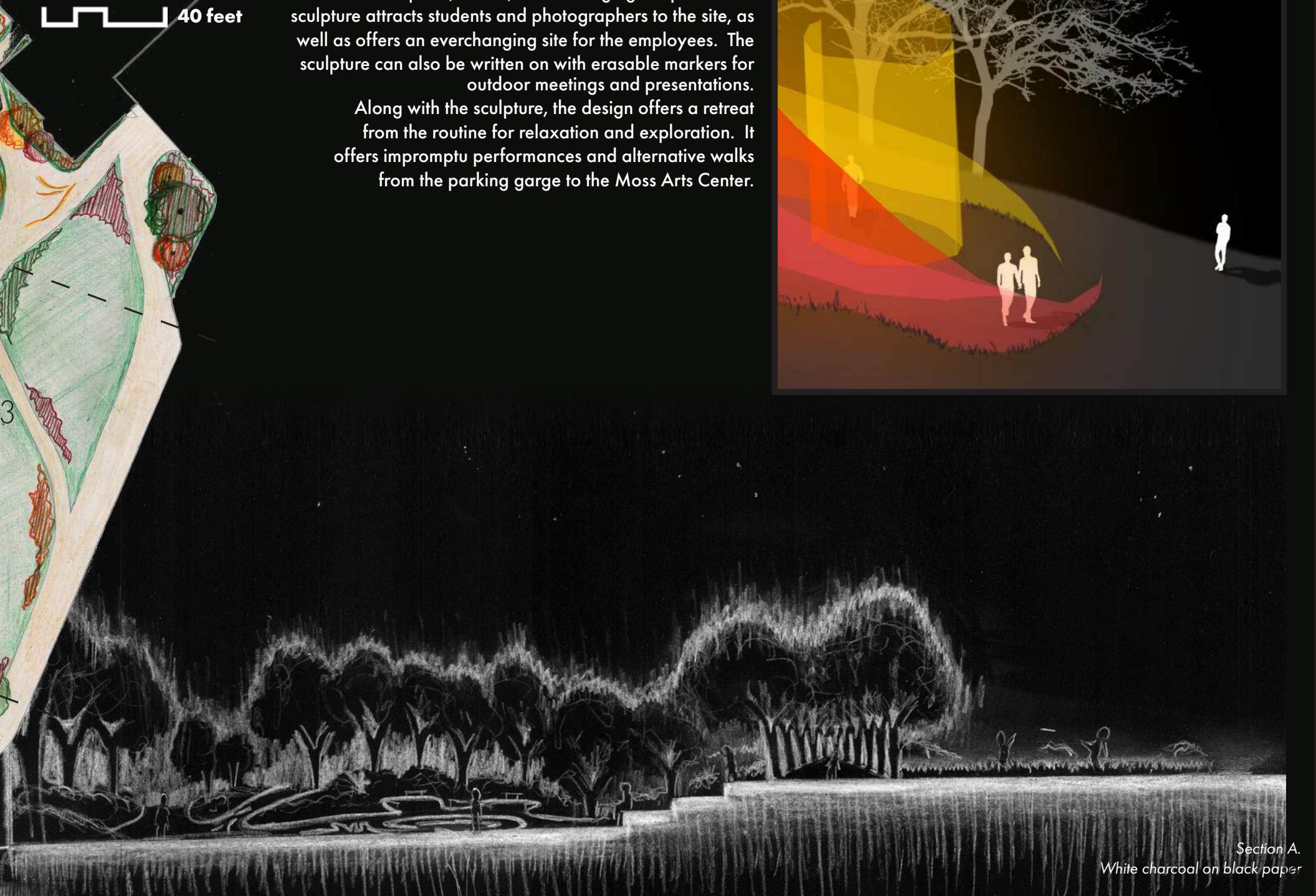
Section B.  
Colored pencil and



40 feet

Paisley Park is designed to be a landmark for Blacksburg that can be enjoyed by the faculty and staff of the North End Center, the student body, and visitors. It becomes a landmark through its Richard Serra inspired, LED lit, color changing sculpture. This sculpture attracts students and photographers to the site, as well as offers an everchanging site for the employees. The sculpture can also be written on with erasable markers for outdoor meetings and presentations.

Along with the sculpture, the design offers a retreat from the routine for relaxation and exploration. It offers impromptu performances and alternative walks from the parking garage to the Moss Arts Center.



Section A.

White charcoal on black paper

# DELTA DISTRICT

Blacksburg, VA. 2019.

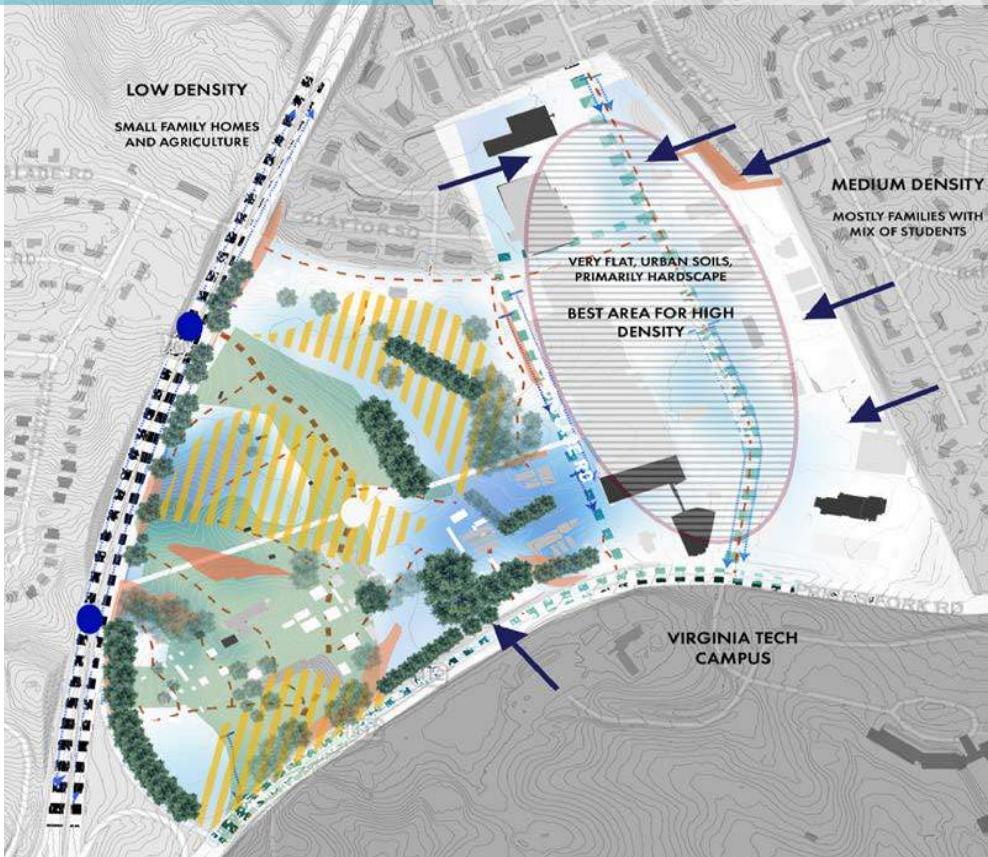
## Site Analysis

### Project Challenges

Working with a group to design a sustainable, mixed-use community on an existing box store and agricultural site while keeping in mind accessibility, safety, economic opportunity, and environmental aspects throughout the design.

### Project Goals

1. Offering diverse housing options in terms of family size
2. Creating a strong sense of place and community
3. Building the economy within the site
4. Creating a non-car-dependent community
5. Offering spaces that can be flexible and change with future transportation and community needs
6. Establishing mixed use buildings to offer live-work opportunities
7. Providing a density high enough to support public transportation



#### Site analysis conclusions:

- Identified areas entrances can be established in form of roads and greenways to help make the site more accessible.
- The site has some areas of high quality soil, well suited for agriculture, an important aspect to establish food production on site.
- Half of the site is flat, paved, and retail, making it the ideal spot for a dense mixed-use area. It also has the connection to a future greenway.
- Some areas are best left more natural based on the current hydrology and adjacent highways. This will, establish new habitats, create natural buffers, and help reduce runoff and contamination from the site.



Designed and rendered with  
Anthony Rosa and Tess Reeves

# Master Plan



The concept derives from the celebration of water as the cultivator of life; informed by the movement and rest of water. The water works to unify the urban and rural edges of the site both visually and in the form of raingardens, materials, and agricultural practices.



# Land Patterns

## Land Use

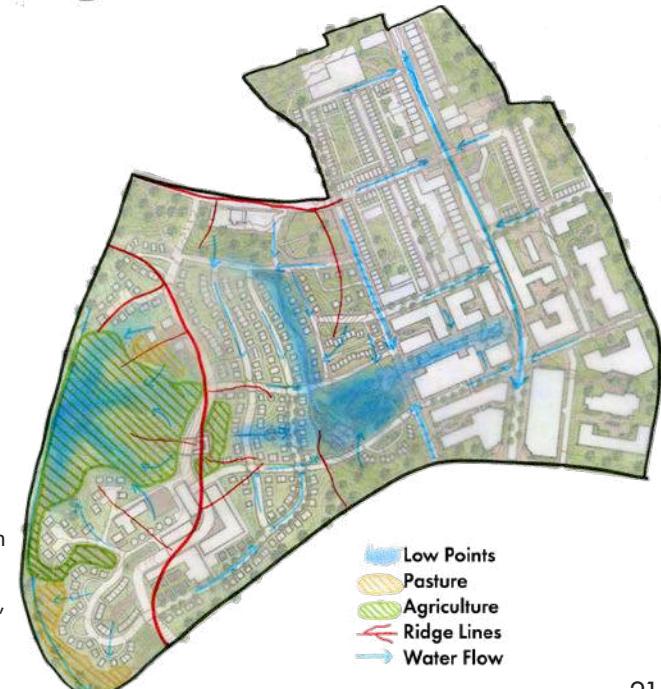
This diagram shows the diverse range of housing options on site, and that in each area the residents have short walking distance to green space and commercial zones.



Delta Plaza. See  
Pages 22-23.

## Hydrology and Agriculture

A diagram showing the high and low points of the site and how water travels to and from them. Also shows farming areas for vineyards, orchards, and pasture lands.



# DELTA PLAZA

Delta District cont. Individual Site Scale Design.

Designed with native stone, wood, and planting, the Delta Plaza transforms a former parking lot and box store site into a thriving urban plaza. The plaza is the main feature of the new community, **where water and people will gather.**

**Inspired by the sensuous curves above ground contrasted with the geometric striations below and the water that runs through them both,** architectural layering of stone and wood on the ground plane becomes more naturalistic as the eye moves up among rich tree canopies and lush raingardens collecting overflow from the greenroofs and balconies. As one walks



from East to West, they are taken on a journey from a landscape that seems linear and angular, like a rocky stream bed, to a more soft-surfaced and vegetated portion of the plaza, before entering the more curvilinear and meadowlike greenland across the street.

This plaza is an **extremely flexible space** with high visual and programmatic appeal throughout the day or season. The plaza has a space for everyone, whether it be a retailer, family, child, senior, or teen; by providing spill out space for small businesses, flex space for festival tents, yoga classes, skating, screening wall, stage space, rockclimbing, etc.



Marker, oil pastel, and ink



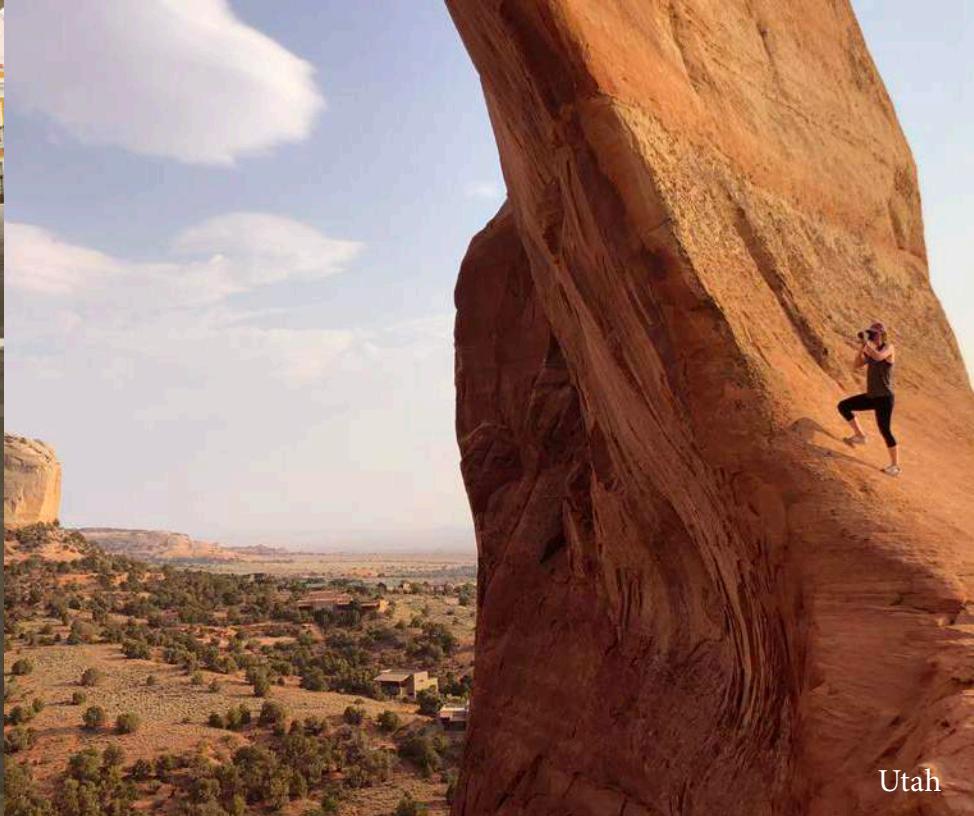
Perspective showing different use of space throughout the day. Drawn with marker and oil pastel, then added scenarios with photoshop



Las Setas, Sevilla, Spain



Zanzibar, Tanzania



Utah



Chefchaouen, Morocco

*"Life it is not just a series of calculations and a sum total of statistics, it's about experience, it's about participation, it is something more complex and more interesting than what is obvious."*

Daniel Libeskind, Architect



Colorado



Sevilla, Spain



Chicago, Illinois

Travel is the reason I have grown as a designer over the years.

I have developed an enormous respect for our Earth and the innovative designs people have created in it over the course of history.

I believe that you cannot observe culture and design through a screen or book, you must be immersed in the environment to fully realize and appreciate it.

Travel has taught me to adjust to quick and unexpected changes, and find joy and excitement in those moments.

I cannot wait to derive the qualities and senses of what I've experienced in nature and place them in my own designs for people in cities to experience.

*Thank you for reading.*