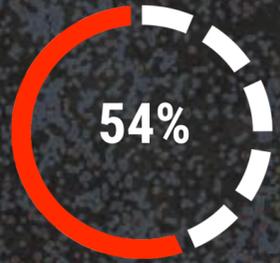


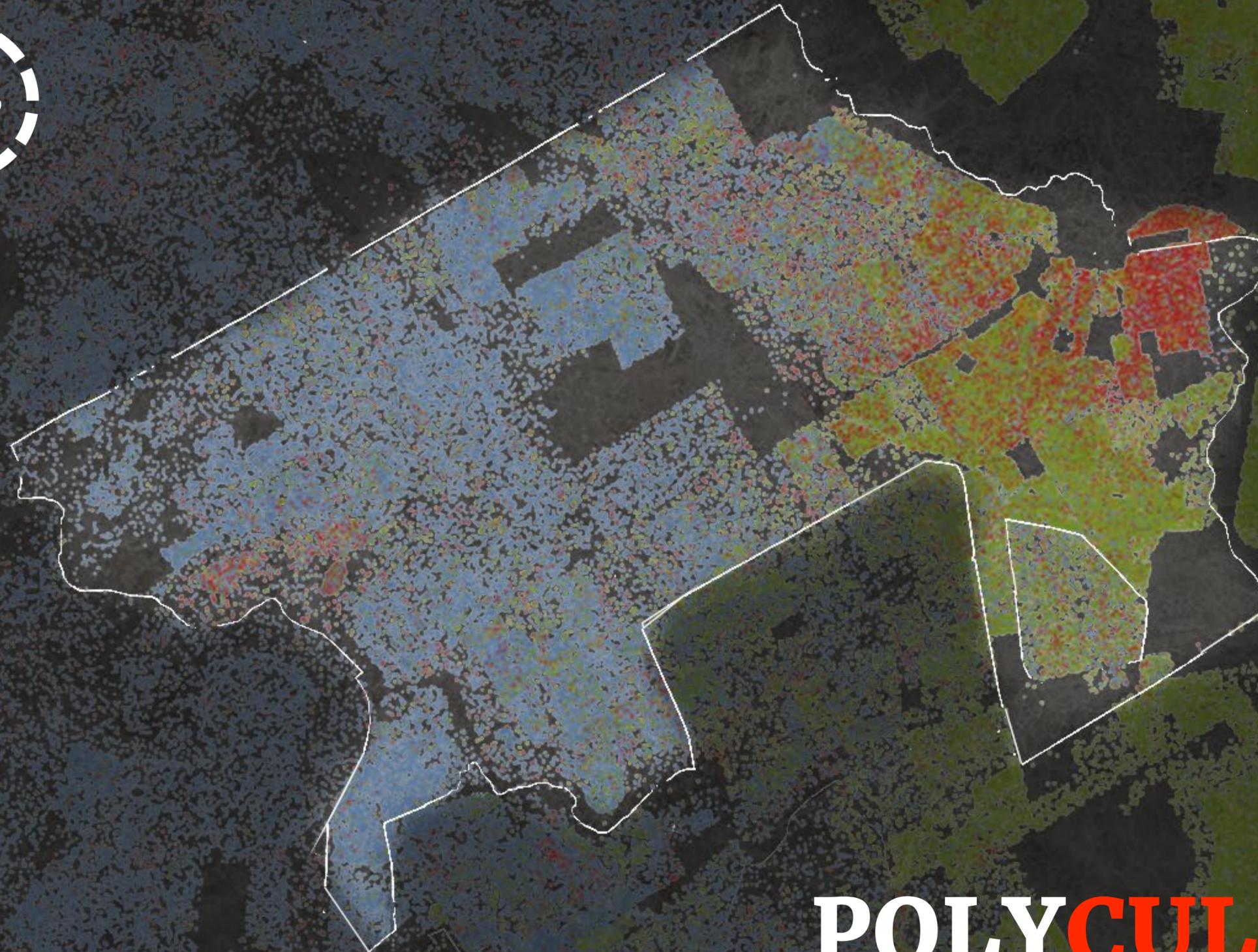
PERCENTAGE OF **POC** IN THE POPULATION



Discover Upper Darby Mural:
Over 80 languages are spoken natively in Upper Darby. Including Spanish, Lao, Punjabi, Chinese, Arabic, among others more. Greetings in different languages are written on the vibrant mural wall.



The Upper Darby International festival celebrates the diverse culture in Upper Darby



INCOME MAP



POPULATION DENSITY MAP

The **TWO** Upper Darbys

While the West side of Upper Darby has a higher average income, the population density is much higher in the East.

Research from social media also indicates a disparate perception of Upper Darby, with residents either perceiving it as extremely safe/unsafe.

Upper Darby is diverse, yet disconnected.

Crescent Park seeks to celebrate the diversity, while connecting the disparate communities. Creating opportunities to bridge the gap between different cultures, and facilitate interconnectedness and mutual understanding.

The concept of "polyculturalism" is the soul of the design, seeking to engage the community to strengthen the bond between cultures.

POLY**CULTURALISM.**

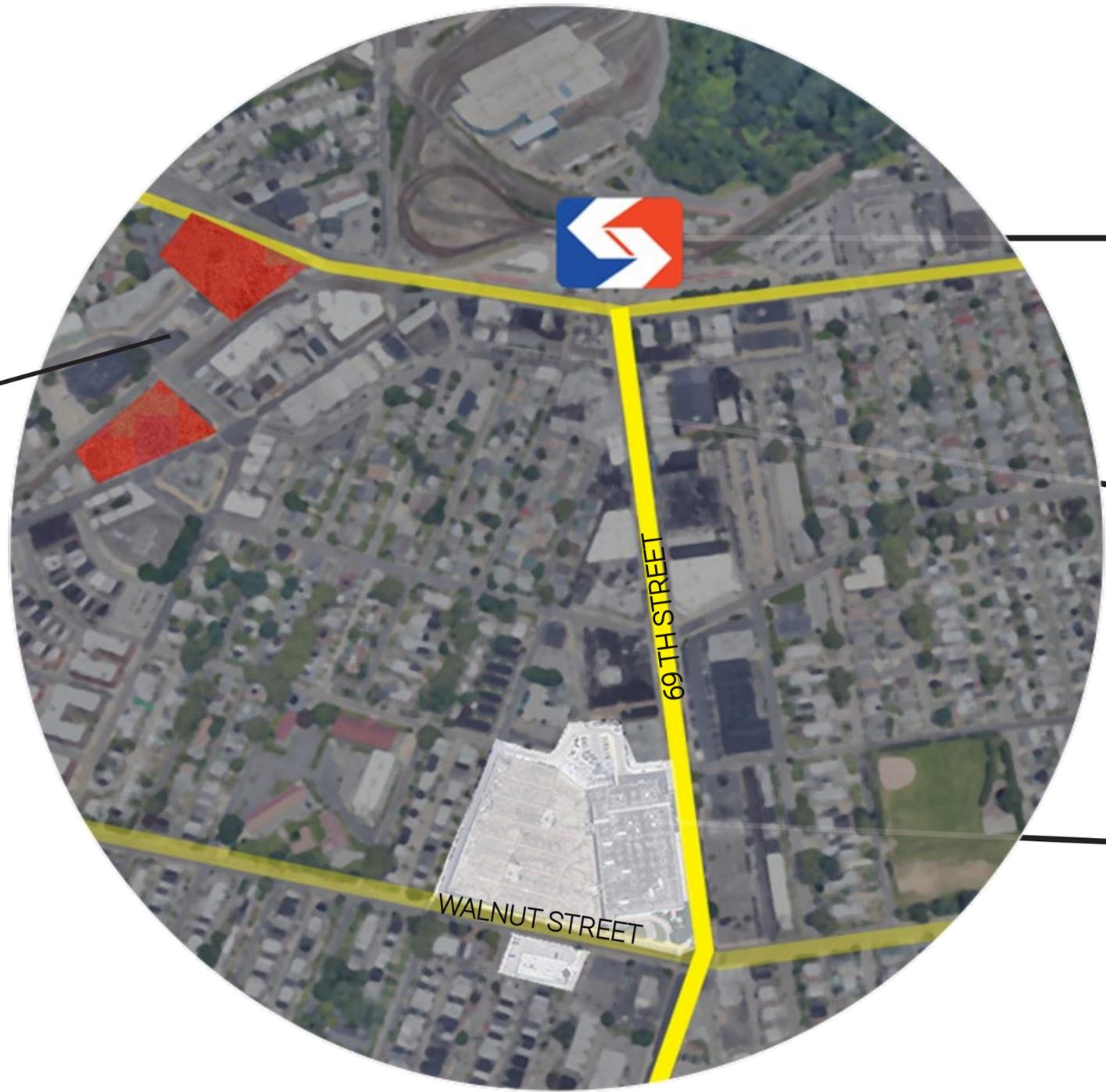
Polyculturalism is an ideological approach to the consequences of intercultural engagements within a geographical area which emphasises similarities between, and the enduring interconnectedness of, groups which self-identify as distinct, thus blurring the boundaries which may be perceived by members of those groups'
(Rosenhal, Levy)



50%
Urban Density Bonus
- permits a developer to increase the maximum allowable development

75%
Urban Density Bonus

75%
Transfer of Development Rights (TDR)
-Landowners are given an option to legally sever their development rights and sell these rights to another landowner for use at a different location.



69TH STREET STATION

DISCOVER UPPER DARBY MURAL

PARK LOCATION

PROPOSED COMMUNITY CENTER

WALNUT STREET

69TH STREET



CONCRETE

"Concrete is easily recycled on-site by bringing in equipment to break, remove, and crush the old material"(Calkins, 123)

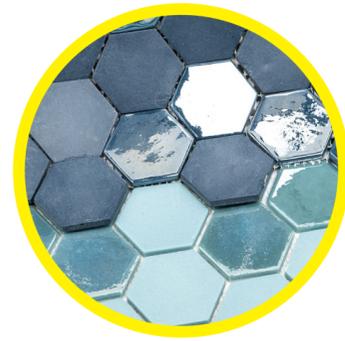
Reusing the concrete and processing it on site cuts down carbon cost from transportation as well as material cost.



METAL

Mining and production of metal has serious effect on the environment, but can be recycled without quality lost.

Recycle and reuse the metal on site to create the sculptural elements and reinforcement when needed.



GLASS

Crushed recycled glass can be used as aggregate in concrete.

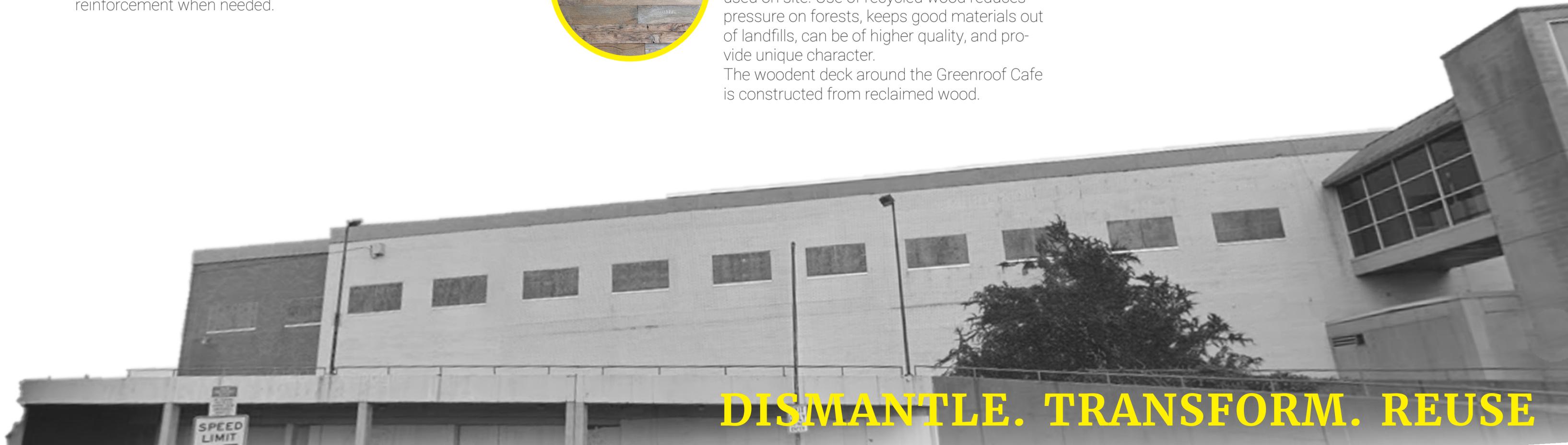
Glass can also be consistently recycled without quality lost.



WOOD

Wood reclaimed from the building can be reused on site. Use of recycled wood reduces pressure on forests, keeps good materials out of landfills, can be of higher quality, and provide unique character.

The woodent deck around the Greenroof Cafe is constructed from reclaimed wood.



DISMANTLE. TRANSFORM. REUSE



The park takes inspiration from the proposed curvilinear design of the community center, with the main concept of vibrant colors derived from the cultural analysis of Upper Darby.

The park extends the circular design of the community center, using a wide arc to connect the main street, 69th street, to the community center, which would be a new focal point to the township.



A preliminary rendering of the community center by the architectural firm Buell Kratzer Powell



CRESCENT PARK.

FOOD FOREST

LAWN

STAGE/OUTDOOR DINING

FOOD TRUCK ROW

SCULPTURAL PLAY AREA

RAIN GARDEN

COMMUNITY CENTER

OBJECTIVES

Incorporating dynamic artistic elements that are interactable to engage the community and create an iconic space that is unique to Upper Darby.

Bringing nature into the urban environment, providing green space and multi-use community space for the residents.

Create a multi-use plaza space for community events, outdoor seating, outdoor dining, installations, to engage the community and encourage usage of the park.

UD SCULPTURE

LILY POND

CAFE

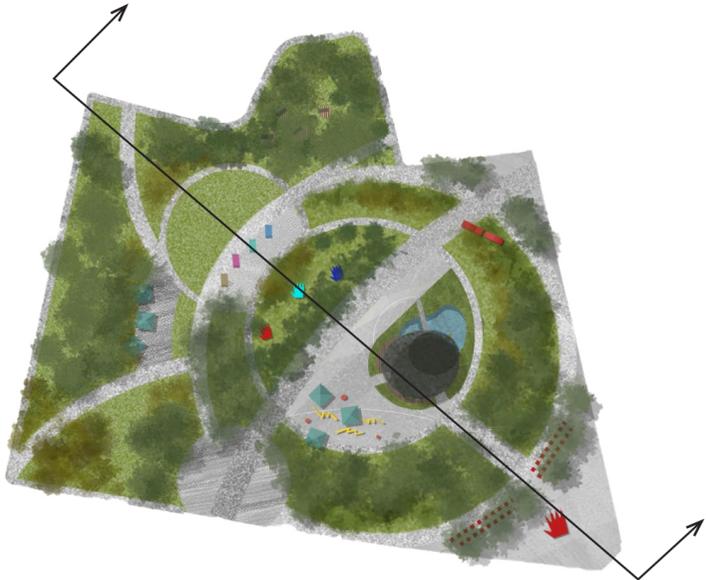
OUTDOOR DINING

BIKE RACK

BUS STOP



ILLUSTRATED SECTION.



RAIN GARDEN

LAWN

FOOD TRUCK ROW

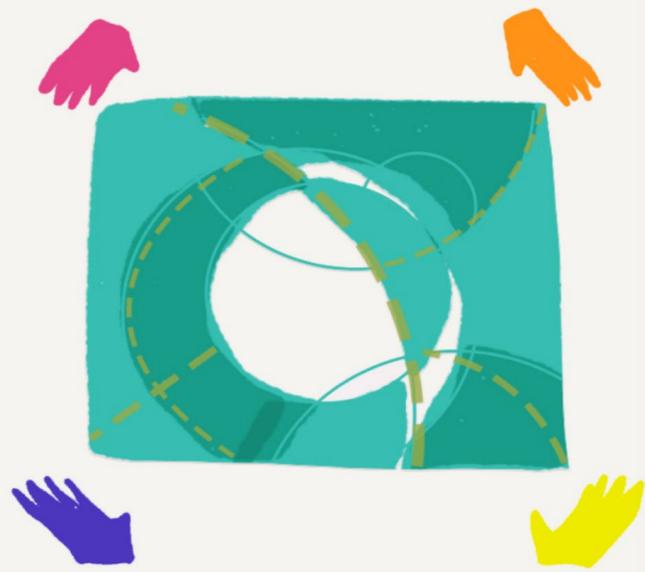
PLAY AREA

MULTI-USE PLAZA

CAFE

GROVE

BUS STOP



THE PLAZA FOR EVERYTHING

The large multiuse plaza uses recycled concrete and aggregate, reducing the transportation and material cost.

The surface area of the plaza provides opportunity for engraving, like sister cities park in Philadelphia, names of countries and cities the residents are from can be carved into the pavement. This helps residents feel connected to the space, like they could recognize themselves and their place in it.

The plaza area can be home to movable temporary art installations, showcasing local art, or student artwork from the many nearby schools.

A WORLD POST-COVID

Due to the global pandemic, people are using outdoor spaces more, and the need for green spaces has been more prevalent than ever.

Crescent Park has a multiuse plaza, a stage, and a food forest. These spaces can provide outdoor educational space (outdoor classrooms), outdoor performance space, and open air gallery space.

83% of adults find exercising at local parks essential to their mental and physical health.(NRPA)



SOCIAL JUSTICE

With BLM protests and the rise of the voices of the disenfranchised, people are becoming more aware of the inequalities present in the United States.

Upper Darby has a history of standing up for oppressed communities. Aside from being the home to many well-known abolitionists, "Many homes in the area were "stops" on the Underground Railroad. Two regiments from Upper Darby took part in the fighting of the war, and one, the 106th, was involved in the bloodbath at Antietam."(Upper Darby Township).

In 2020, peaceful protests were held in Upper Darby, 69th street- the street the park is adjacent to. Aside from the protest of the wrongful deaths of George Floyd, Breonna Taylor, and Duante Wright, Upper Darby residents also protested against an openly racist local police officer, who has since been fired.

A COMMUNITY, JOINED HANDS

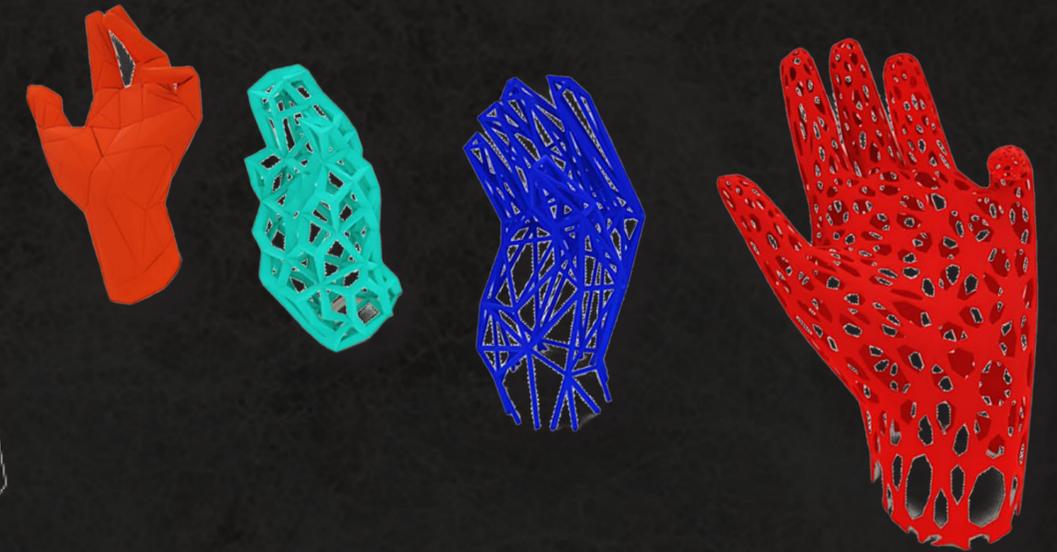
Inspired by the strong symbol of the BLM movement, the idea to implement art that embodies the concepts of diversity and community grew.

The clenched fist of the BLM movement is a symbol of resistance and defiance. The open palms and outreaching hands of the park is a symbol of unity and welcomes.

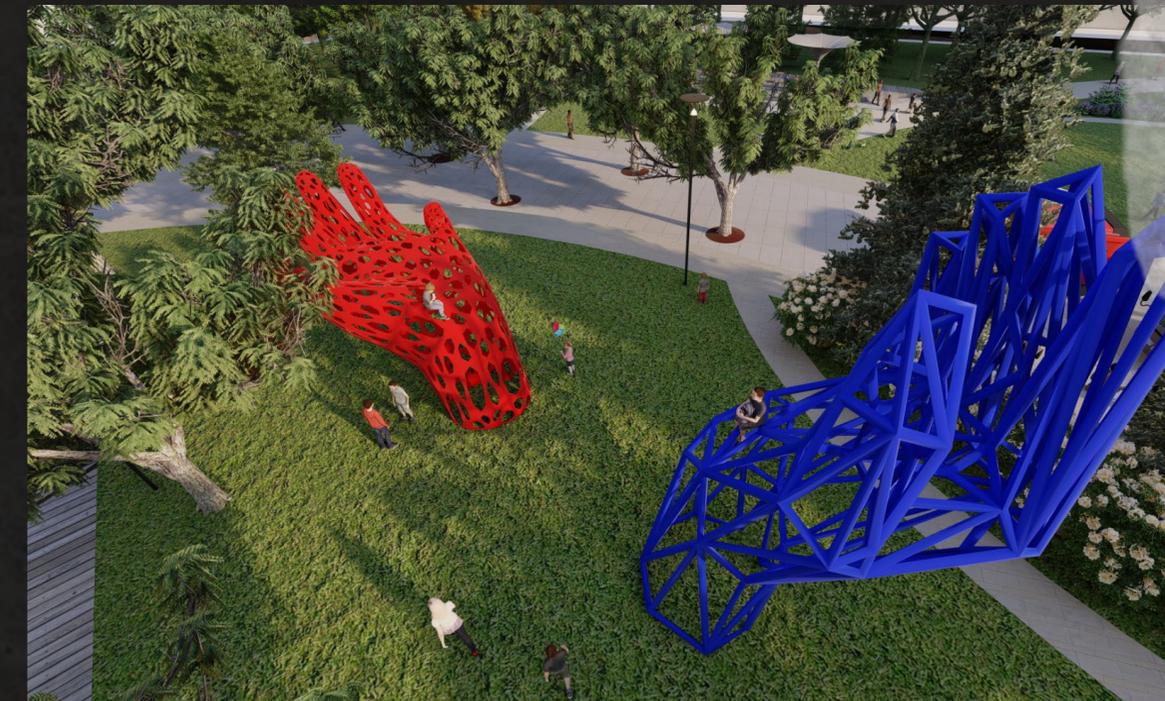
Upper Darby is diverse, in culture, in language, in nationality, in ethnicity. The park seeks to bring all this richness of the community into the park, making the vibrancy of Upper Darby into something tangible and memorable.

Facilitate the exchange of culture, mutual understanding, and the celebration of diversity.

THE POWER OF COMMUNITY



The sculptures are ideally made by local artists, with the review and survey of residents. The sculptures not only serve as an iconic symbol, but also provides opportunity for play.



CARBON & TRANSIT.

WHY HERE ?

Upper Darby and the closely neighboring Millbourne are some of the areas with the densest population in Pennsylvania. With that density comes the density of traffic, and the increased need of parking space.

From meetings with the township and in person site visits, we observed the convoluted traffic and the large amount of space taken up by parking.

BUS STOPS & BIKES

Aside from the park being located near the 69th Street Station, the addition of a new, eye catching bus stop encourages use of public transportation.

Bike racks are added along the Southern entrance of the park, encouraging use of bikes instead of cars. The addition of bike rentals is also proposed to be added around the location of the park.



BUS STOP

The newly added bus stop replaces the current stop- a pole with a time sheet on it. The form reflects the sculptural elements in the park, but on a larger scale. The hand framework provides shelter and shade, while also providing visual interest and continuity with the park. Like the "UD" sculpture marking the entrance to the park from 69th street, the bus stop brings an iconic quality that is recognizable from Walnut Street and the south side in general.

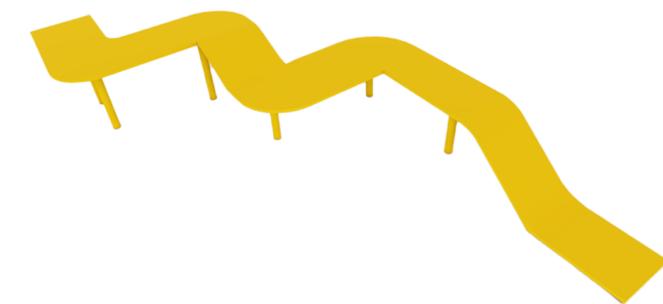
BIKE RACKS

The bike racks reflect the colors of the UD sculpture, the bus stop, and the hand sculptures in the park.

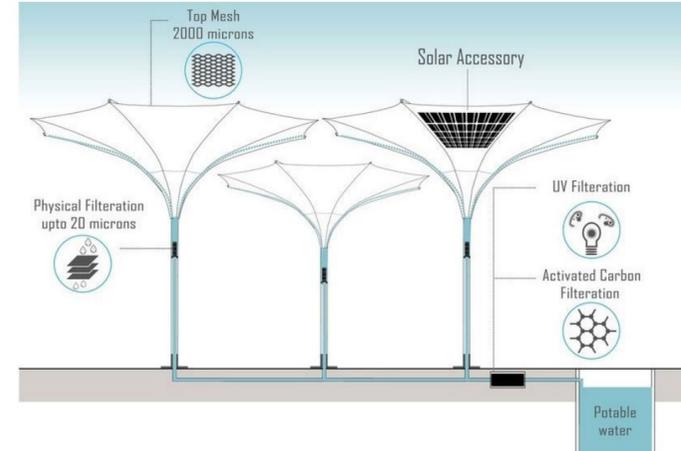




TABLES
 Taking great inspiration from the work of ADHOC architects, these yellow tables were modeled to fit the Crescent Plaza, providing seating and different heights, and using its interesting color and shape language to energize the plaza.

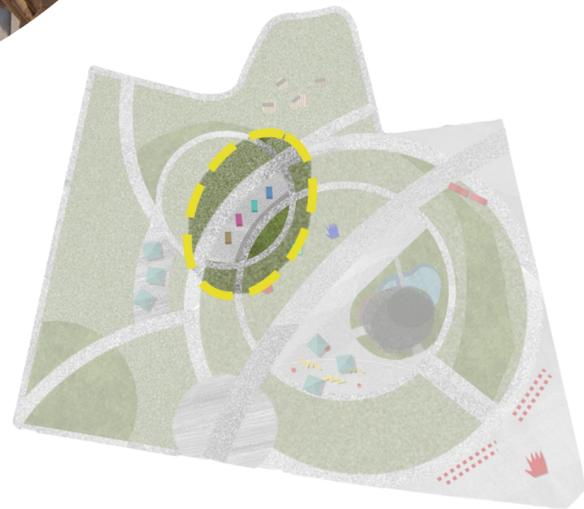
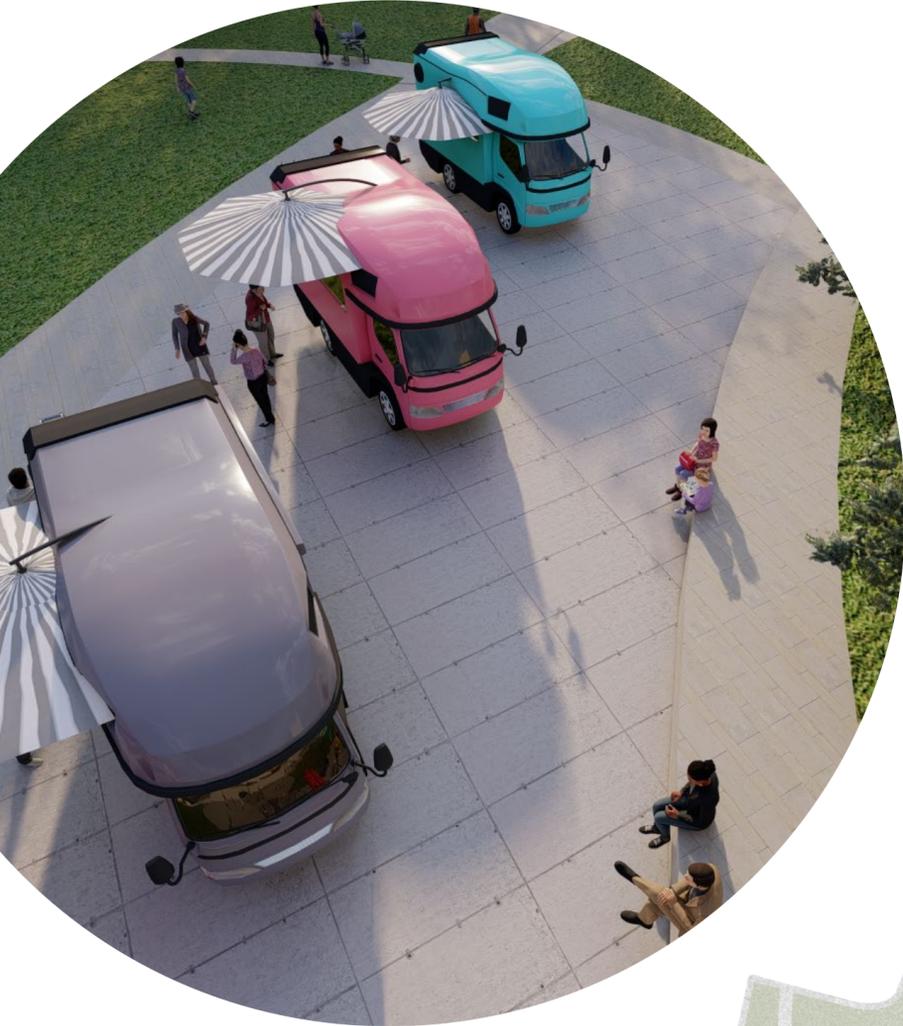


OVERHEADS
 The use of the "Ulta Chaata" design, an overhead that collects rainwater and solar energy, aids in the reduction of stormwater runoff, as well as reduces the energy expenditure of the park.



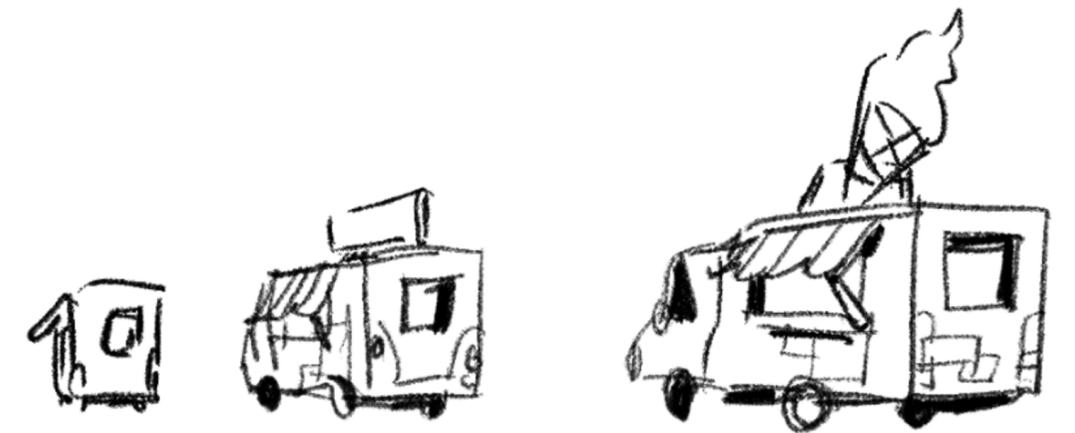
Ulta Chaata- Design by Samit Choksi and Priya Vakil Choksi

Food Truck Row.



An area designated for food trucks is located beside a seatable ledge. Encouraging residents to use the park as a convenient and attractive dining space.

The food truck row is also adjacent to a large lawn area, providing opportunities for picnics and outdoor dining.

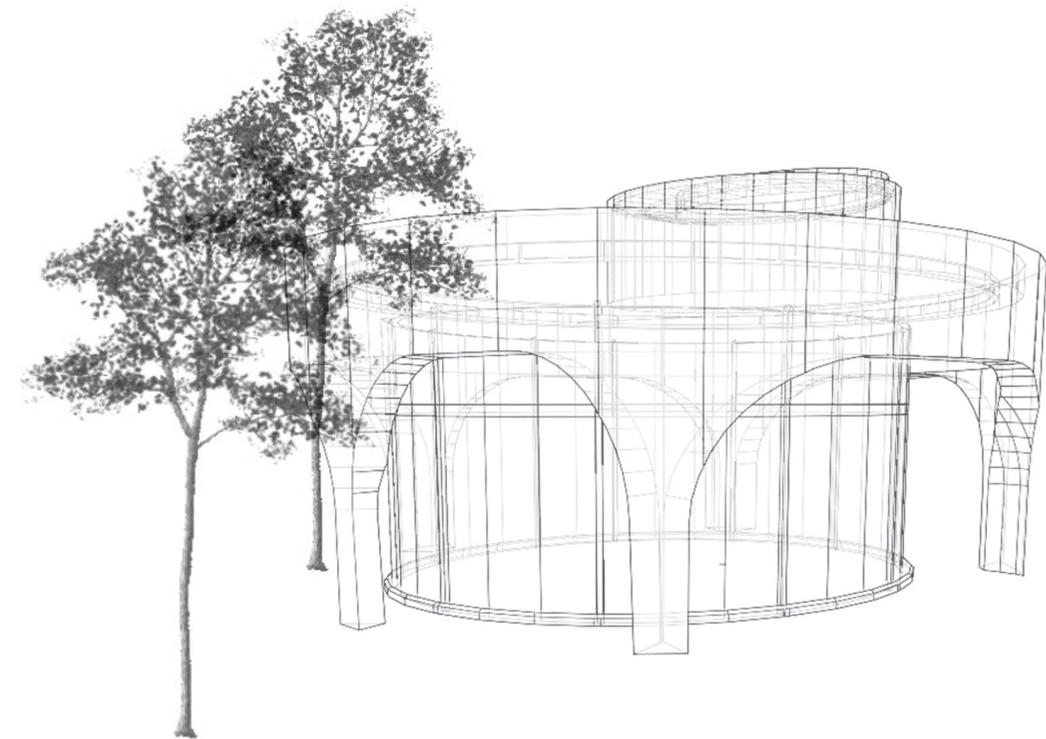


Greenroof Cafe.

The addition of an oval shaped cafe in the park plaza can generate interest and provide indoor seating and dining areas.

The green roof on top of the cafe helps insulate the building, enhance the rood dining area, and moderate the urban heat island effect.

Through the addition of the cafe, the park area can become a gathering space and destination for the community and other visitors.





ZONE 1 (WET)

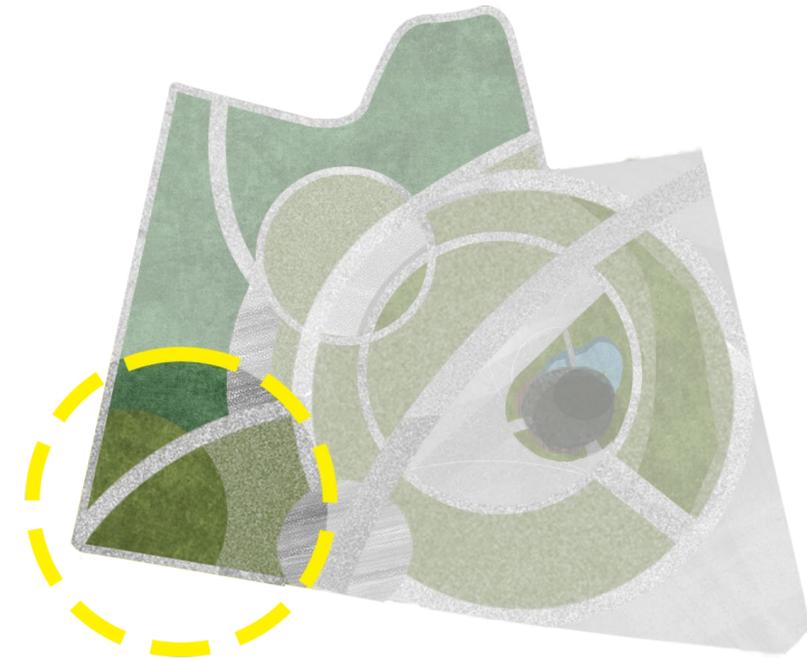
ZONE 3 (TRANSITIONAL)



TREES



ZONE 2 (MESIC)



Rain Garden.

Takes advantages of the grade to reduce runoff, filter stormwater, and create habitat.



Food Forest.

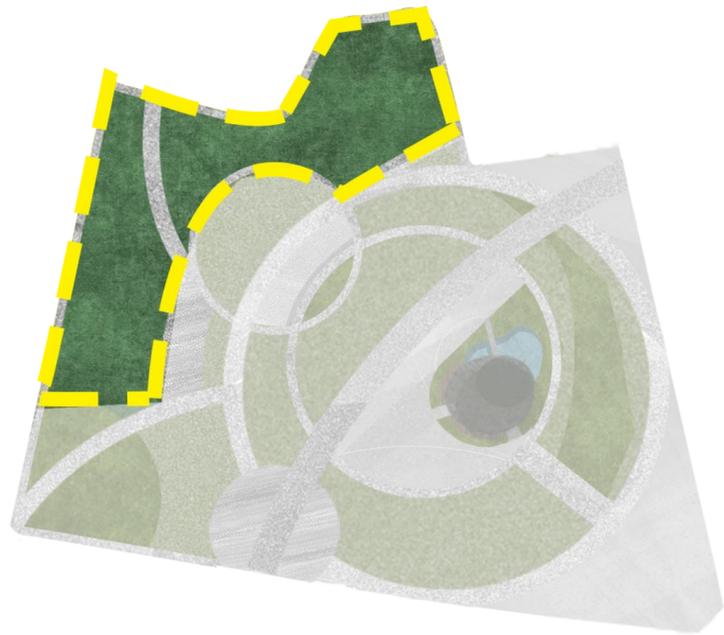
WHAT IS IT ?

A food forest is a virtually self sustaining ecosystem that grows edible food while needing minimal human interference. With high plant density and biodiversity, the food forest can provide food year round and self mulch, much like an actual forest.

WHY HERE ?

Downtown Upper Darby is relatively low income, with a substantial amount of homeless people. The addition of a food forest could be instrumental in providing food sources for people in need, providing cheap, or even free food for people. It provides opportunity to involve locals to participate in the growing of food. This can enhance the relationship between the people and food, lowering food waste engaging.

Despite Upper Darby being a very diverse neighborhood, there is a disconnect within the residents, especially between the East (dense, lower income) and West (less dense, higher income) of Upper Darby. The addition of the food forest invites residents of all sub communities to come and intermingle with each other, share experiences, and bridge the gap between communities.



1. CANOPY
Large fruit & nut trees
2. LOW TREE LAYER
Dwarf fruit trees
3. SHRUB LAYER
Currants & berries
4. HERBACEOUS
Comfries, beets, herbs
5. RIZOSPHERE
Root vegetables
6. SOIL SURFACE
Ground cover
7. VERTICAL LAYER
Climbers, vines

