

UPENN CAMPUS
SITE COMFORT ANALYSIS
by
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ITEM	TEMPERATURE °F
BRICK	69.6
BUTTON	62.9
TREE TRUNK	66.1
PAVEMENT	70
STONE (GRANITE)	68.3
GRASS	68.0
SOIL	65.2
METAL PLAQUE	66.1

Time 10:00 am

Humidity 77.0%

Wind Speed 0.8 m/s

Temperature Measured

63.0°F

Temperature Feels Like

62.0°F

Temperature Weather Data

81.0°F

ITEM	TEMPERATURE °F
BRICK	87.4
BUTTON	75.5
TREE TRUNK	79.5
PAVEMENT	79.7
STONE (GRANITE)	85.5
GRASS	81.1
SOIL	88.4
METAL PLAQUE	89.3

Time 01:00 pm

Temperature Measured

71.6°F

Humidity 51.0%

Temperature Feels Like

71.6°F

Wind Speed 1.0 m/s

Temperature Weather Data

87.0°F

ITEM	TEMPERATURE °F
BRICK	70.9
BUTTON	65.4
TREE TRUNK	66.2
PAVEMENT	72.0
STONE (GRANITE)	66.1
GRASS	66.8
SOIL	65.4
METAL PLAQUE	69.4

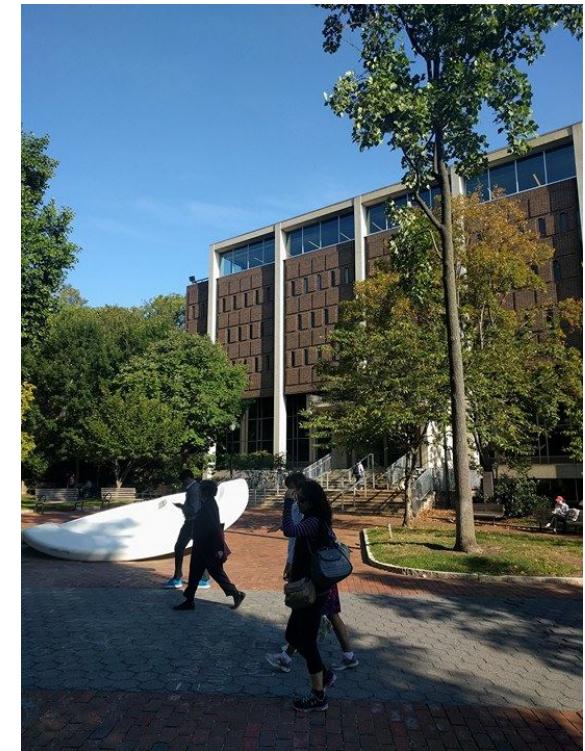
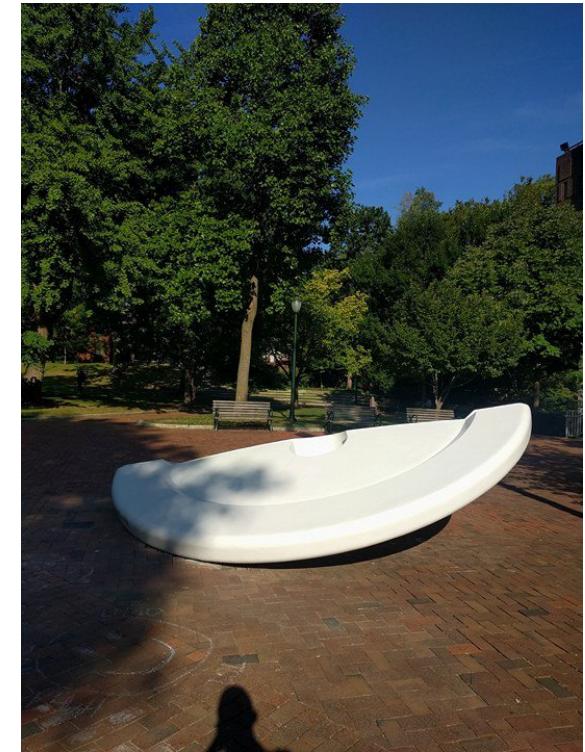
As a designer the changes mentioned below could help make the location more comfortable for people to be at for longer periods of time

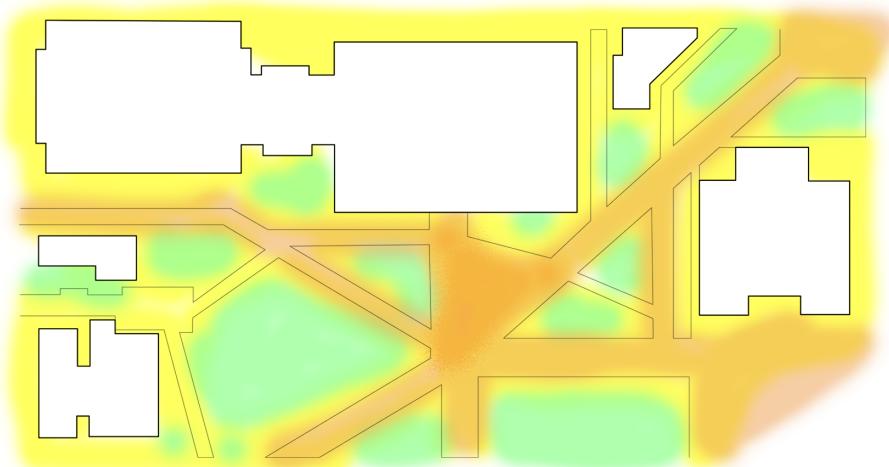
The seating that is available in the location chosen is open to the sun rays which would be helpful for people to sit when the weather is colder to get some more sunlight and radiation. The change is to include more trees and seating under them. The trees are going to stop the direct radiation from the sun that could allow for more seating options than the ones that already exist

Orient some of the seating elements that are available to be around the building for more shading during the summer days.

Add more trees and shading devices that could reduce the radiation from the sun for the people that are walking across the path or the others that will be seated on either side.

Time 04:00 pm	Temperature Measured	69.2°F
Humidity 50.0%	Temperature Feels Like	69.8°F
Wind Speed 0.6 m/s	Temperature Weather Data	86.0°F





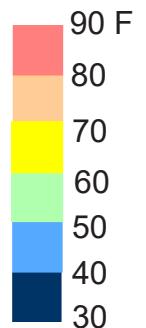
TIME: 10:00 AM

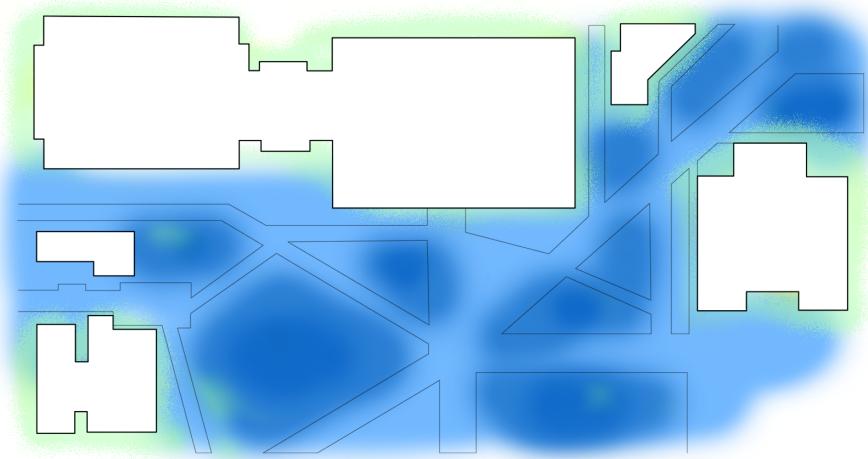


TIME: 1:00 PM

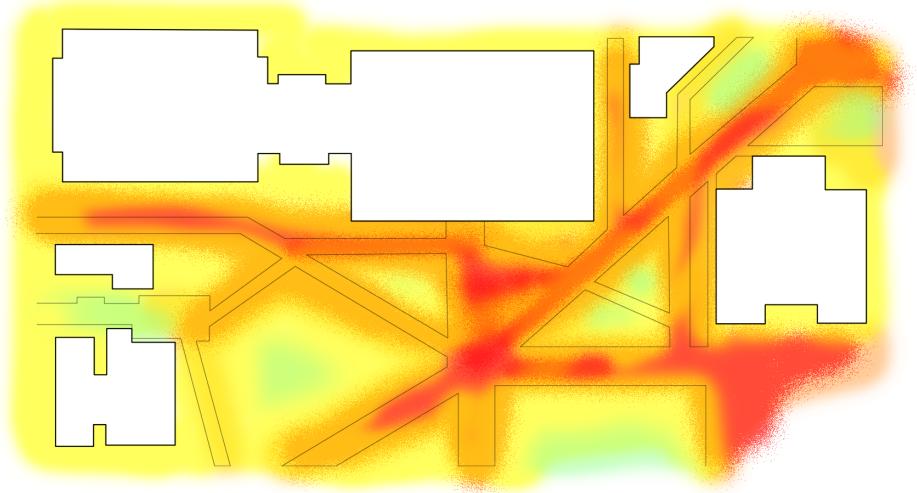


TIME: 4:00 PM





WINTER DAY



SUMMER DAY

