

Trustees Garden Public Market

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Prof. Clements
Winter 2012
Studio Two



Table of Contents:

Art Installation-Three

Site Analysis-Seven

Precedence-Fifteen

Beginning Design-Twenty-Three

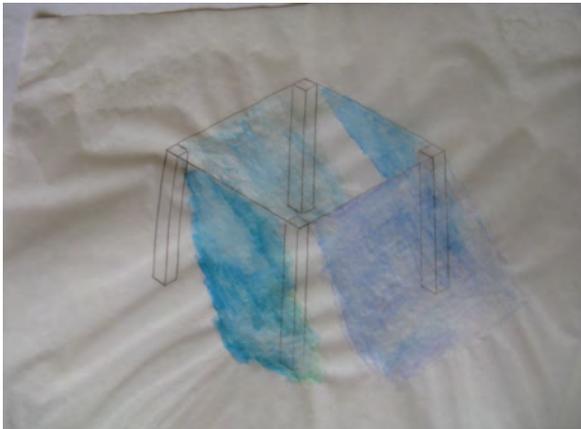
Midterm Review-Twenty-Seven

Final Review-Thirty-One

Art Installation

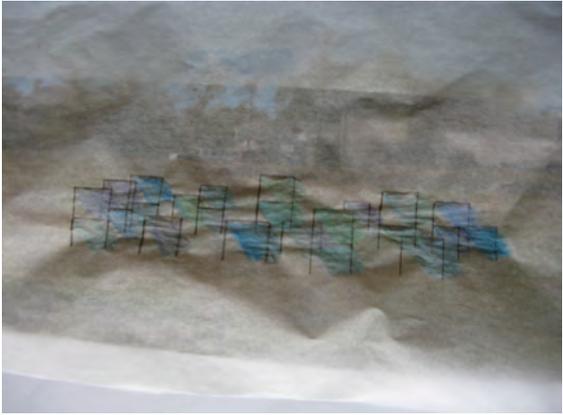
THREE

Our First assignment was to create an art installation within the site. It had to relate back to the history of the site itself and enhance the usability of the space. For my design I chose to play into the haunted history of the area. I created a series of lighted box forms. The walls of which were made of blue, green and purple silk. The wind blowing the walls gives it an eerie haunted feeling and the colors are used to reflect the nautical history. At night the center is lit up making it look like waving ghost on the hill.



Trustee's Garden Art Installation

Trustee's Garden represents just a piece of the diverse history that is Savannah. The warehouses, the fort walls, the Pirates House and the original agricultural usage. All play a major part in shaping the Savannah we know today.



Site Analysis

SEVEN

TRUSTEES GARDEN ANALYSIS



1757 - Royal Governor John Reynolds was granted title and laid out small residential lots

1733- 1748 : Trustees' garden was set aside from savannah by General Oglethorpe as an experimental farm where peaches, rice, cotton, grapes, flax, hemp, indigo, olives, and the mulberry trees essential to silk culture, were grown.



1759 : Fort Wayne is constructed



1794 : The tavern for seamen was opened and eventually become known as "the pirates house."



1830 : Kehoe iron works (Phoenix) is constructed



1853 : Herb house is constructed



1849 : Savannah gas company was built as a coal gas generation plant that was in continuous operation until natural gas was introduced in the mid-twentieth century.

1871 : Rourke's iron works is constructed under the make novelty iron works.



EARLY 1900's SAVANNAH GAS COMPANY



ELLIS SQUARE PUBLIC MARKET 1885



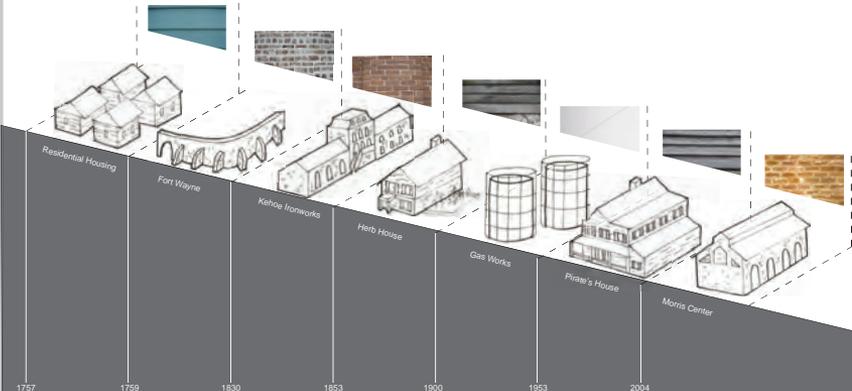
1995

2000

2003

2005

2010



EVOLUTIONARY IMPACTS



1945 : The Hillyer's acquire Savannah gas company. Production ceased and shortly thereafter Mrs. Hillyer begins to restore the area with a project known as the trustees' garden village.



1953 : Pirates house restaurant opens

1940 : Rourkes iron works is destroyed in a hurricane



1980 : Savannah gas company demolishes the large cylindrical gas tanks



1990s : the soil was made toxic from years of gas production and cleanup is done on the site. Atlanta gas light spent over \$32 million across the state cleaning up old industrial sites.

1998 : The 10 acre Trustees' Garden site was sold to developer Alan Beal, who in turn sold it to Robinson Callen.



2004 : Charles H. Morris acquired 6.3 acres from Robinson Callen.



GEORGIA



CITY OF SAVANNAH, GA AND NEIGHBORING CITIES



SITE MAP

The site has had three main uses over time; agricultural, residential and industrial. It has switched between the three a few times and with our program now, it hails back to the beginning plan of the site set in place by General Oglethorpe in 1733. The original plan failed to take hold due to lack of knowledge of proper plant care. It soon after became residential after governor Reynolds took control of the colony.

Savannah gas company and several iron foundries took over the site in the mid 1800's. The full impact of their presence was realized in the late 1990's when a massive clean up effort left the site in its current state, still reflecting the scarring of the massive cleanup done. Today the site is mostly empty, home to the Pirates house restaurant and the Charles Morris center. Our proposed plan of a permanent outdoor farmers market will bring the spirit of the original agricultural intention to life.





1884

1888

1898

1916

FIGURE GROUND DIAGRAMS FROM 1884 TO 2011



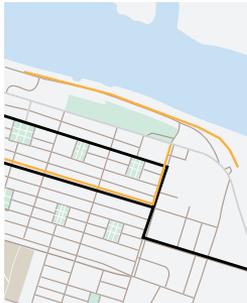
MODERN FIGURE GROUND



- Food
- Historical
- Sead
- Lodging
- Residential
- Commercial

LAND USE

Many things make up the fabric of our urban environment, the buildings, the streets, the land and the people themselves. Our site is no different. Within our site area we have transit stops for public transportation and the ability to continue existing rail lines. There are roads and side walks connecting it to the greater savannah area. Though it is on the edge of the main downtown area it is no less accessible. The building contained within the site itself speak to the rich history of the area. They bring character to the site.



TRANSIT CIRCULATION

- DOT Night Owl Shuttle
- Trolley Tours



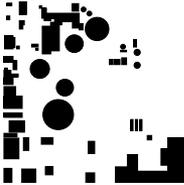
NORTH HISTORIC DISTRICT

HITCH VILLAGE

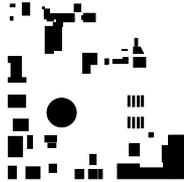
DEMOGRAPHICS

27,000	Median Income	13,000
3:1 White	Race	3:1 Black
25-40	Median Age	18-25

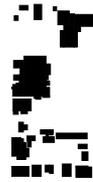




1957



1972



2007



2011

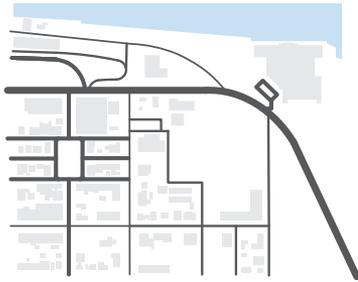


1/4 Mile Walk : 5 Min. --- 1/4 Mile Jog 3:45 Min. --- 1/4 Mile Run 3:00 Min.

PEDESTRIAN QUARTER MILE RADIUS



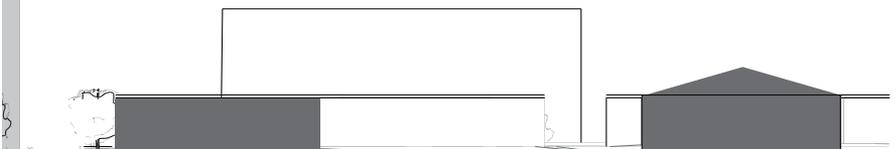
CITY SQUARE SCALE COMPARISON



VEHICULAR CIRCULATION

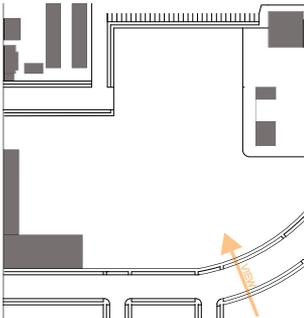


EICHBERG SCALE COMPARISON





PROSPECT



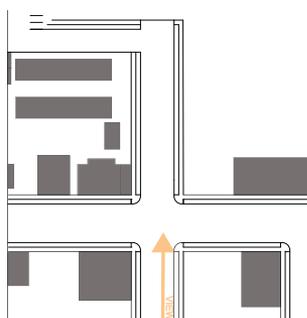
PLAN TO PROSPECT

Our site, seen from the north east curve, is bright and open. This curve is where Bay Street's elevation drops making traffic fast. The site seems very loud and busy as the traffic speeds by. The speed and of the traffic and the noise make this area of the site exciting.

EXCITING



ENTRY



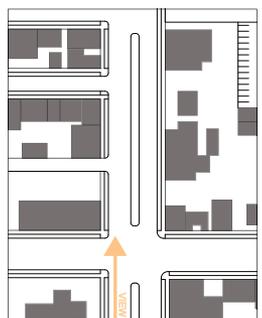
PLAN TO ENTRY

This entrance into our site from Barr Street crossing over East Broughton Street is creepy and scary. The unkempt curbs and beds of grass look forgotten and ugly. Barr Street is not paved; it is a gravel/dirt road that connects the project housing on East President Street to East Broughton Street. The characters walking around this area add to the unsafe feel of this entrance. This entrance is suitable for cars but not necessarily for pedestrians.

CREEPY



PROSPECT



PLAN TO PROSPECT

Broughton Street is the main shopping street in Savannah. It is always busy with shoppers and tourists between Montgomery Street and Lincoln Street. East of Lincoln Street this Grand road becomes quiet and sad. On the busy stretch of Broughton, the buildings are built right up against the sidewalk creating a channel for the flow of cars and pedestrians to travel through. On the stretch of Broughton Street east of Lincoln Street, buildings begin to recess back away from the sidewalk giving room for parking lots. This sudden interruption in the narrow channel of Broughton Street discourages pedestrians from walking further and thus no shops exist past Lincoln Street.

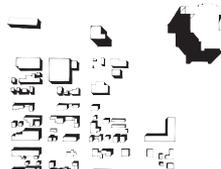
SAD AND SLOW



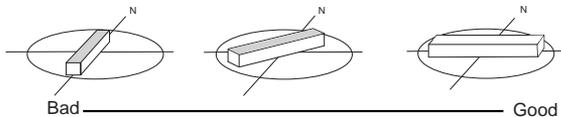
TOPOGRAPHY



VEGETATION MAP



AXONIMETRIC BIRDS EYE



OPTIMUM BUILDING ORIENTATION

FC
08

TI



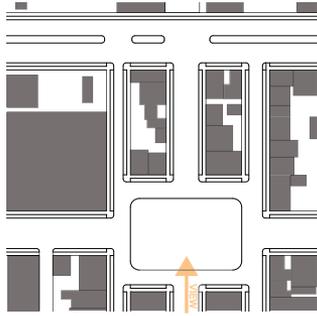
ENTRY



PROSPECT



PLAN TO ENTRY



PLAN TO PROSPECT

Savannah is between Lincoln On the right up low of stretch of pi begin to n for park-channel of walking set.

This entry into our site is from East St. Julian Street crossing over East Broad Street is tree covered and peaceful. East Broad is tree lined and has a median making it very wide looking. The two residences lining this entry, frame where the street should be. This entry, due to how peaceful and safe it appears, would make an excellent main entry for pedestrians.

PEACEFUL

East St. Julian Street and East Broad entries can be seen through Washington square. This beautiful square is the perfect route for pedestrians to take when traveling to the site from the center of the Savannah Historic District.

PEDESTRIAN FRIENDLY



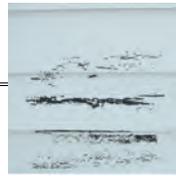
FORT WAYNE WALL_BRICK

Older brick work means smoother surface



MORRIS CENTER WALL_BRICK

Newer brickwork with deeper channels means rougher surface



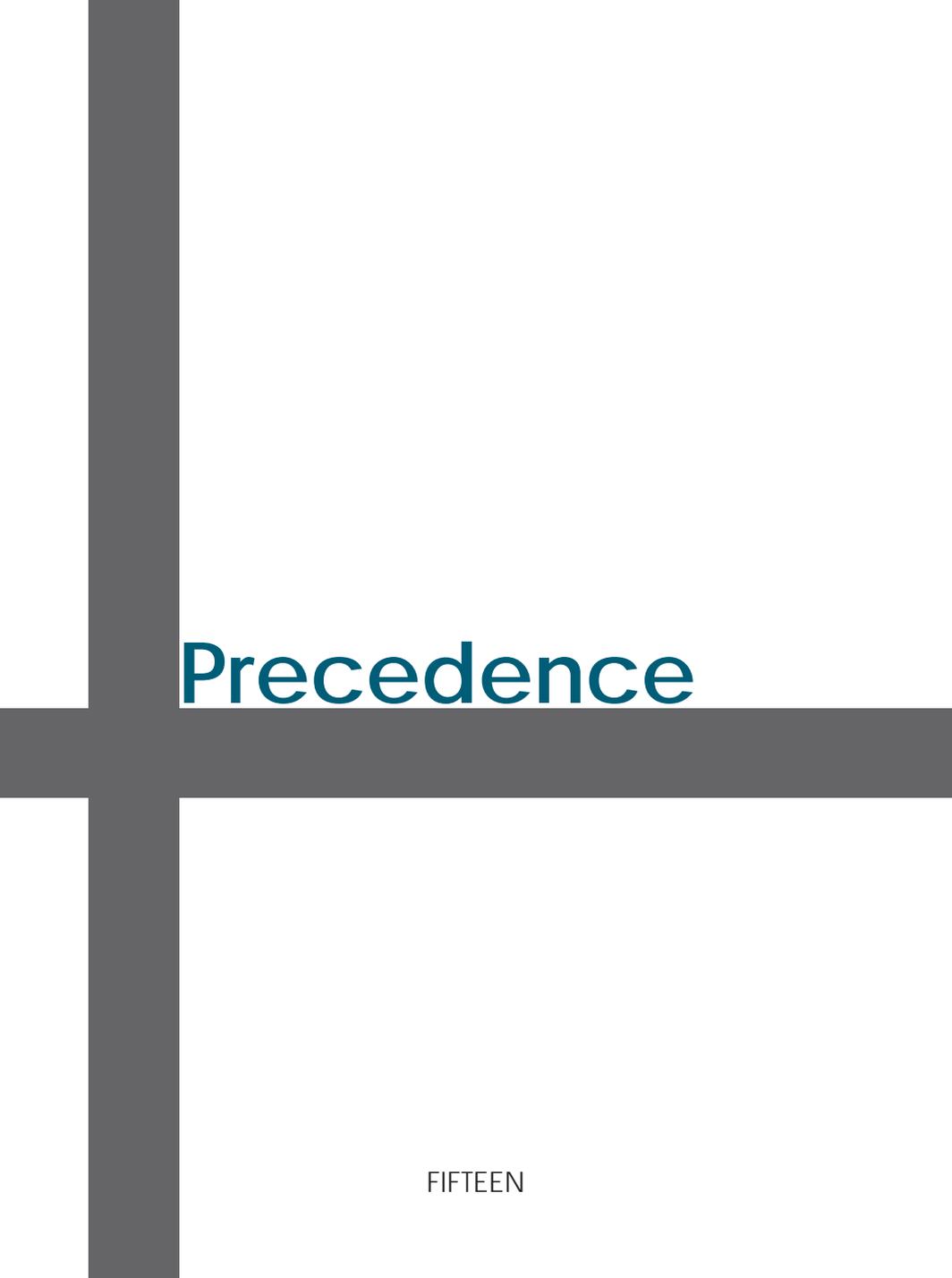
RESIDENTIAL_WOOD SIDING

Paint on surface creates linear continuity



TEXTURES





Precedence

FIFTEEN

Ferry Building

San Francisco California



The ferry building is one of the most well known historic sites in San Francisco. Built in 1898, it welcomed thousands of people from the far east and the surrounding bay area. When auto traffic overtook ferries, the building fell into disrepair. During the earthquake of 1989, the freeways that surrounded it were damaged and removed, exposing the ferry building again. A massive restoration took place to turn it into the market we know today. It is home to 65000 feet of market space within the building itself for permanent shops and eateries. The exterior sidewalk surrounding houses a weekly farmers market for the public. It has become one of the top outdoor eating areas in the bustling city of San Francisco.



The market near the Ponte di Rialto has been around for almost 1000 years. The bridge itself is one of the four original bridges in the city of Venice. It was originally wooden until the 14th century after the second time it collapsed due to over crowding. The market it now houses was built in the 15th century to



Ponte di Rialto

Venice, Italy

help pay to maintain the bridge, with taxes being collected by the vendors renting the shops. It is still an active market today selling mostly tourist goods.

The design of the shops being mostly on a slope show one way to concur the main challenge of our site. The shop doors making up the main facade of the architecture makes it unique in the way that is designed highly reflect the vision I have for my market.





The main market building of San Lorenzo marketplace was built in 1870. It was in the modern style of cast iron and glass, the first of its kind in Florence. The building itself has always housed a meat and produce market, still one of the best in the city. The exterior winding streets around the market place house a number of different things

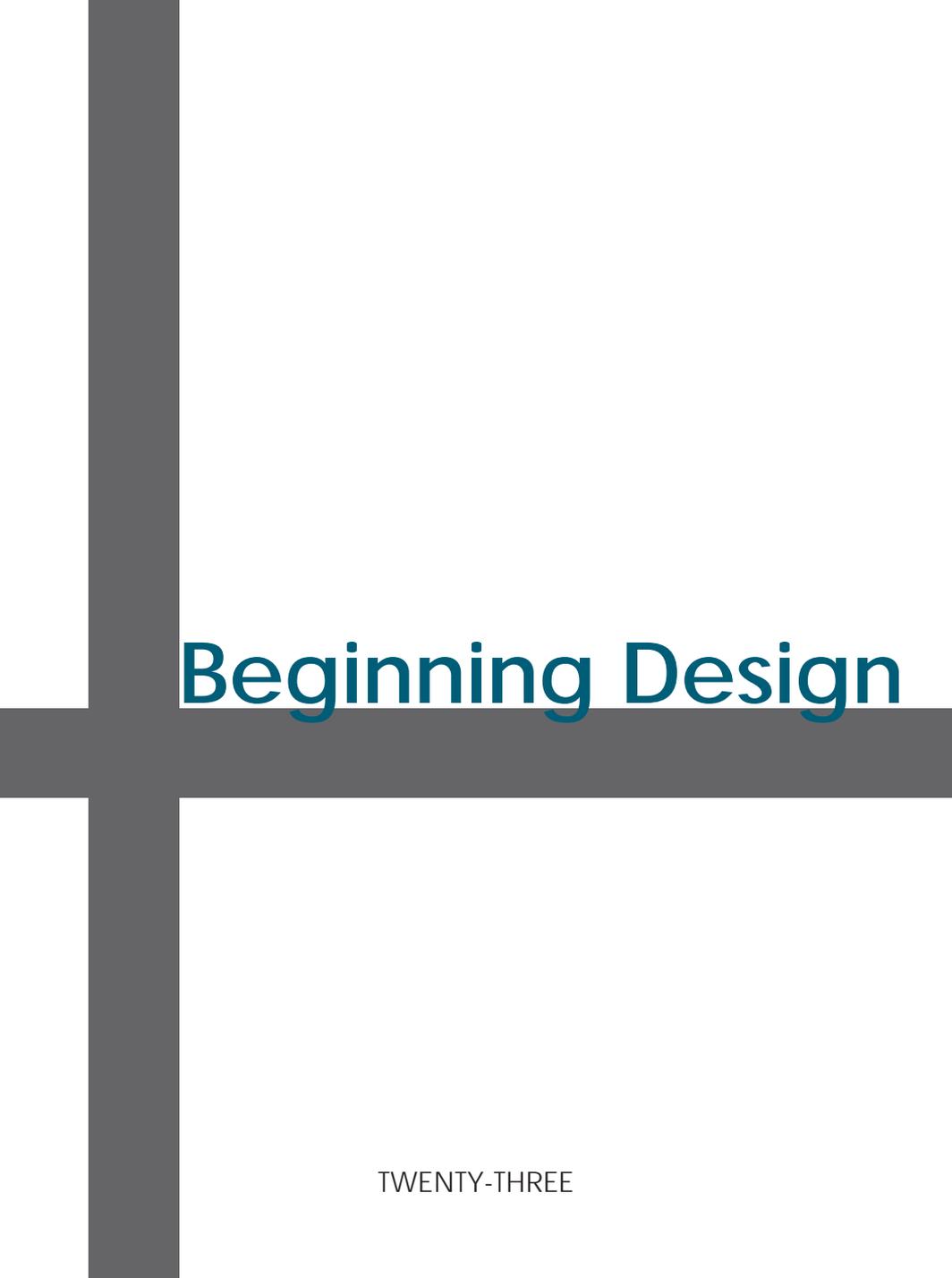


San Lorenzo Market

Florence, Italy

ranging from leather goods, to souvenirs and even piles of random clothing. The market unfortunately, like many in Italy now, has turned to cater to the massive amount of tourists that flood the city each year. Though it is still a fun experience to fight through the crowds of people shopping in its tiny corridors.

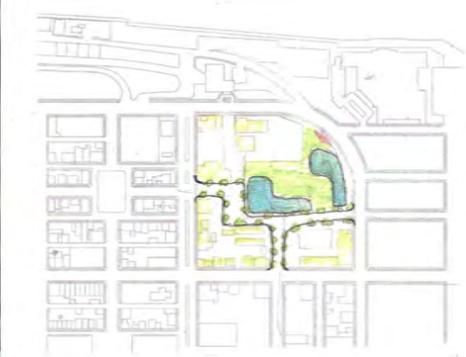


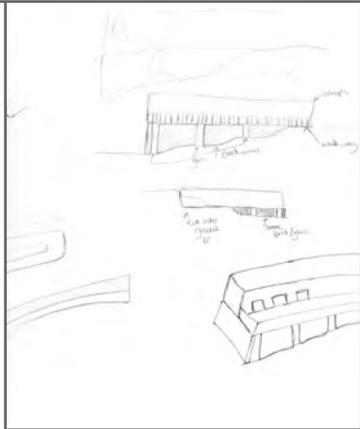


Beginning Design

TWENTY-THREE

For the first part of the design process we did a series of basic site planning watercolours. After that we then started forming and designing buildings to occupy the spaces.

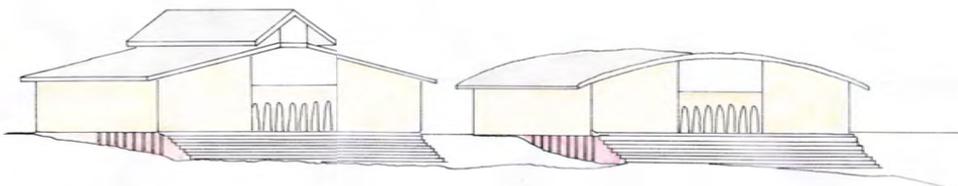
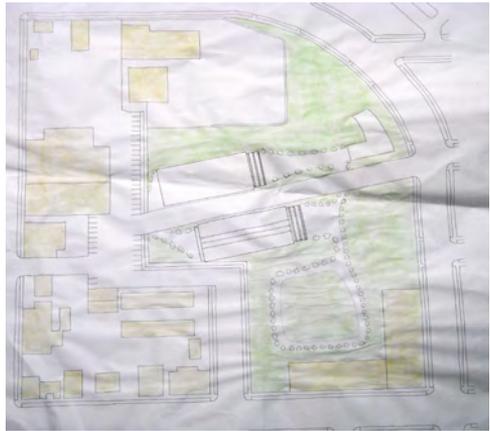
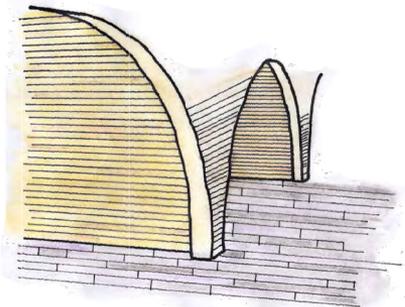
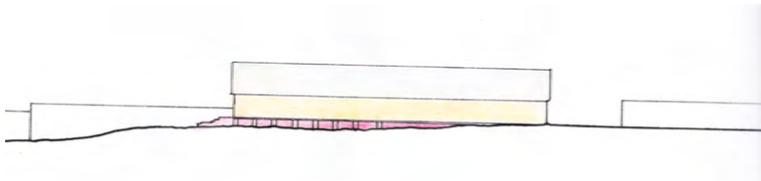


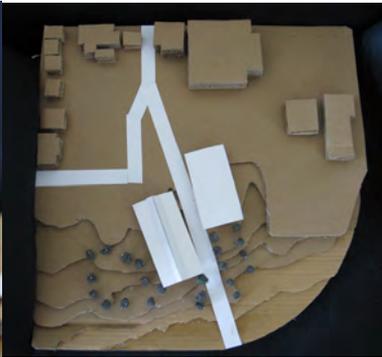


Midterm Review

TWENTY-SEVEN

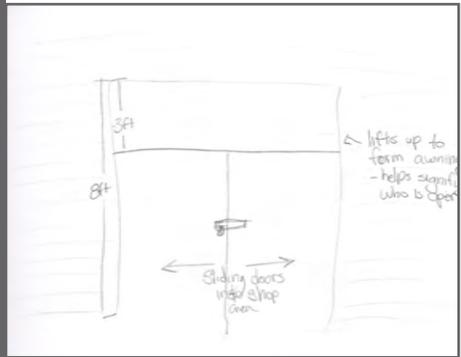
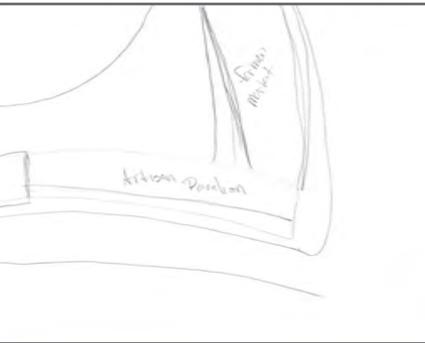
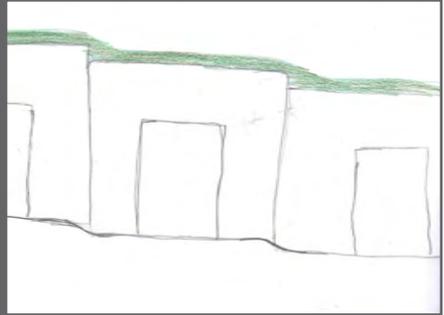
For midterms my building were fairly similar, just with differing roof systems. The artisan pavilion was designed after a more modern structure. The Farmers building was designed to resemble a barn, with a more traditional structure. During review the main critique was that the buildings did not engage the site enough. The buildings didn't seem to meld into the site and that they seemed to just be suburban clones of each other.

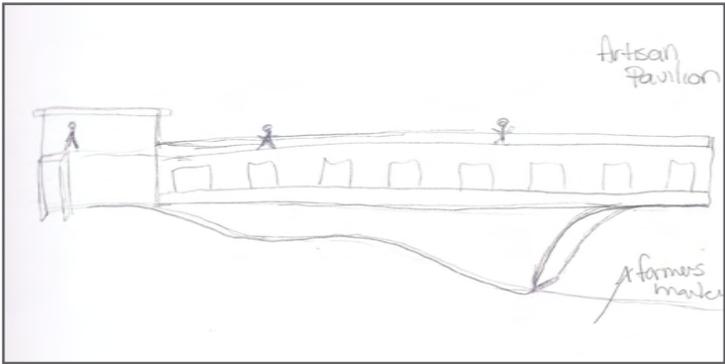




Final Review

After midterm review I went back to one of my original designs. It involves slowly sloping down the hill, hovering over the landscape. The Farmers market is designed after the many markets that I have seen. They are usually just essentially a shelter. The shape is still a fairly traditional sloped roof .







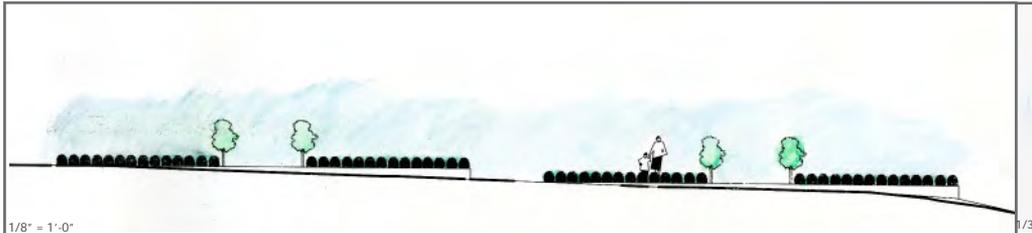
Trustees Market

A farmers market is a place to enjoy the bounty of the earth, yet bring people together. They have been around for hundreds of years changing and morphing with the needs of the people.. The buildings that house them, therefore, should be influenced by nature as well and become a easy to enjoy space.. This market works to not just sit on the earth but to help enhance the space and turn it back into a place of human habitation. With any good design, the building should improve the natural beauty of the space, allowing us to appreciate and respect it more.

Within the context of the design for this site is an area designated solely for community garden to rent out and use. This benefits the local community in providing fresh and clean vegetables and fruit for the community. My garden is a series of 6 tiered gardens separated by fruit trees and bushes. All of the people tending the gardens will be given first priority when it comes to renting out space within the farmer's pavilion. This helps bring money directly back into the local community surrounding the site.



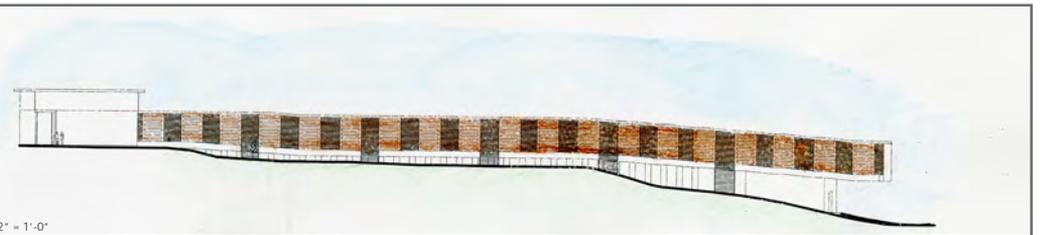
Elevations:



1/8" = 1'-0"

1/32

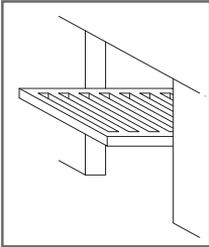
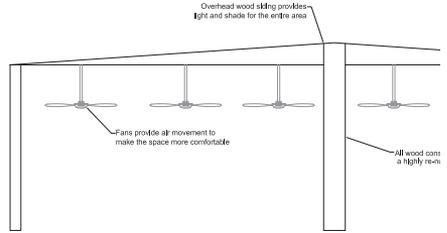
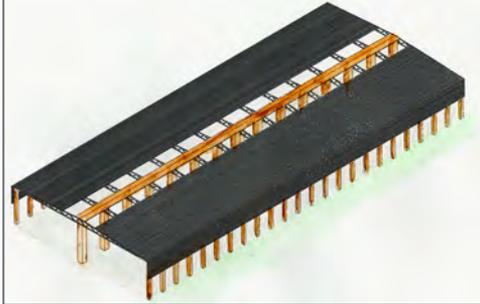
Site Plan: Scale- 1:40



2" = 1'-0"

Farmers Pavilion

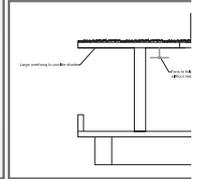
My farmers market was influenced by the many permanent markets I have seen. They mostly tend to be essentially building canopies allowing for shelter from the elements but without having to be indoors. The farmers pavilion is set on a flattened concrete slab making it easier for the vendors to set up their goods. It has a building skin of wood siding that allows light to still enter the space utilizing a highly reusable area. taken down and the uses. This makes the event of the market that can be utilized



Each doorway is constructed of an aluminium frame and wood siding to go with the rest of the building. It is supported with a torsion spring system that allows the shopkeeper ease of opening. This system also allows the door to remain vertical. At the end of the day the shopkeeper can just lower and lock the doorway.



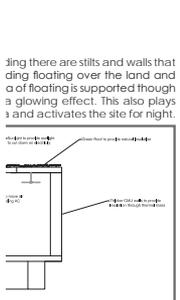
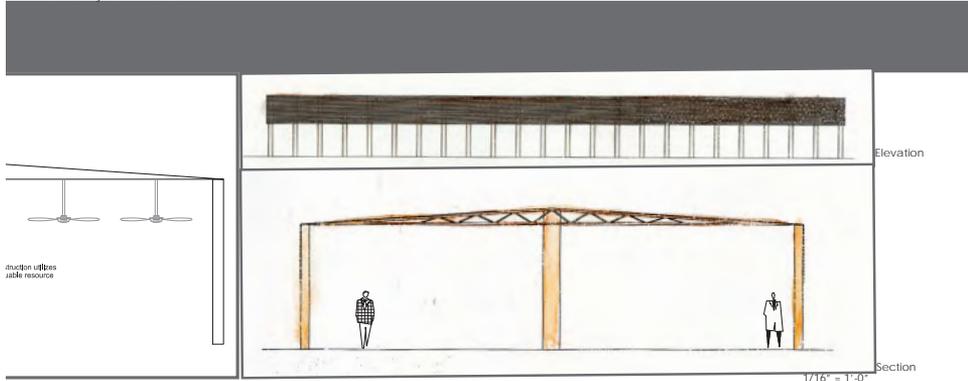
Along the length of the Artisan built help to give the illusion of the bull flowing with the hill. At night the idea a series of light features creating into the haunted history of the area



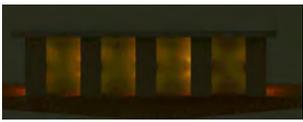
Section: Scale: 1:30



ice. It is a fully wooden structure
 newable resource but still be a
 It also allows the structure to be
 land to be reclaimed for alternate
 space more easily utilized in the
 closing down. It also gives a space
 as is for a variety of different uses.



ding there are stils and walls that
 ding floating over the land and
 a of floating is supported though
 a glowing effect. This also plays
 a and activates the site for night.

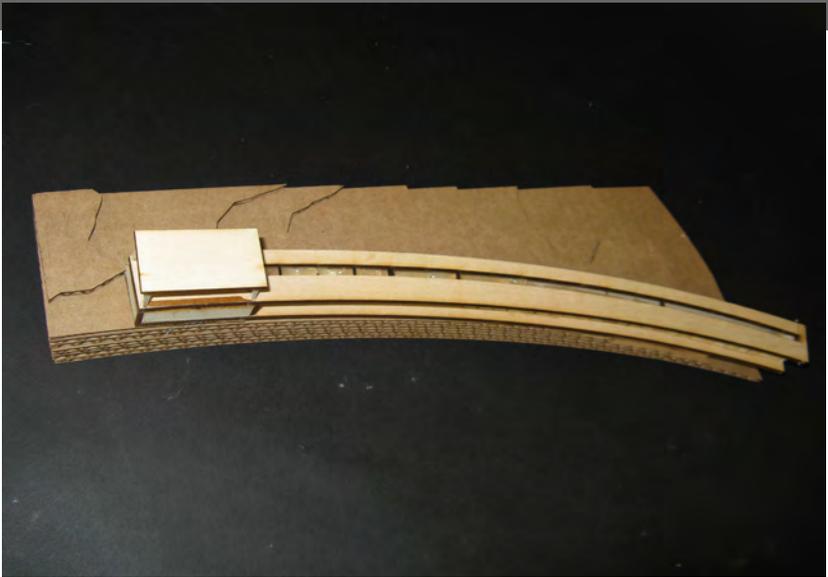


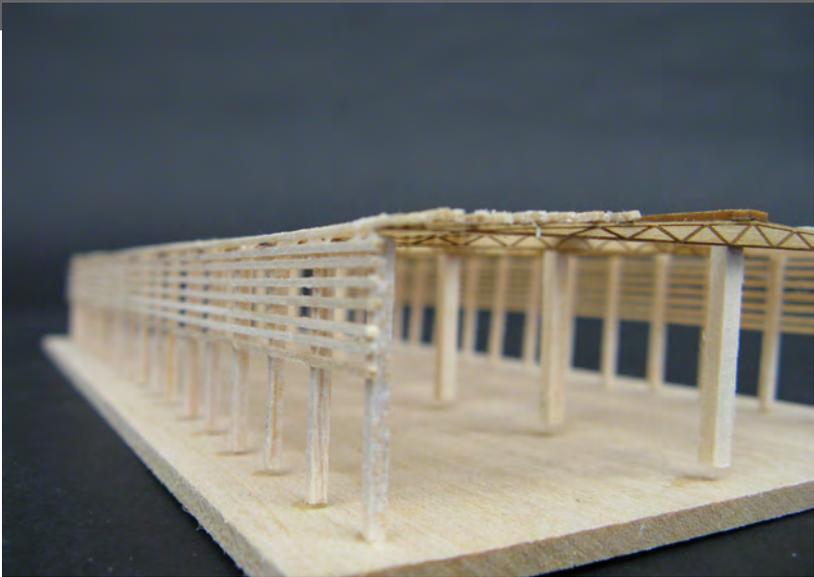
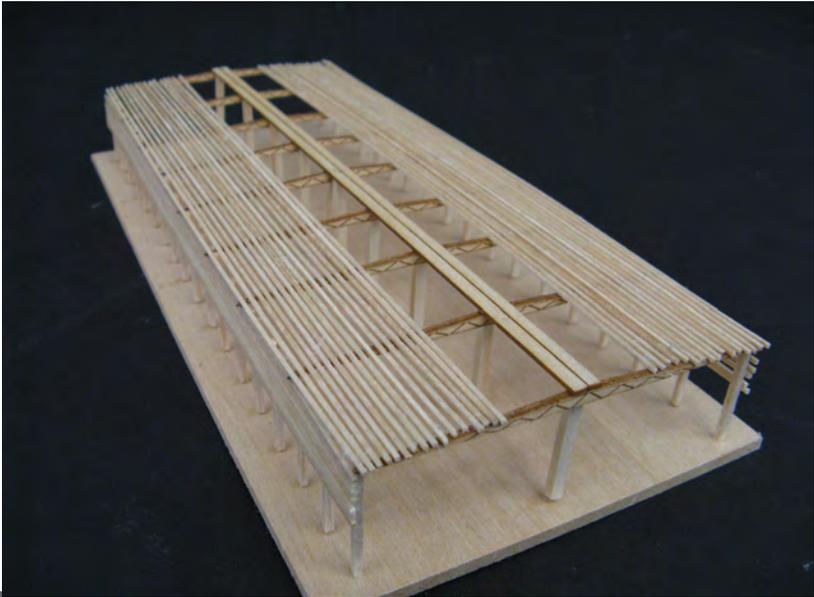
My arison building takes influences from many
 different buildings. One of the most influential is
 the Rialto Bridge shops. The idea of having the
 owning symbolizing a shop being open influenced
 the unusual design of my doorways. The spaces
 are set up in a way to allow the shop owner
 to personalize in whatever way they would like.

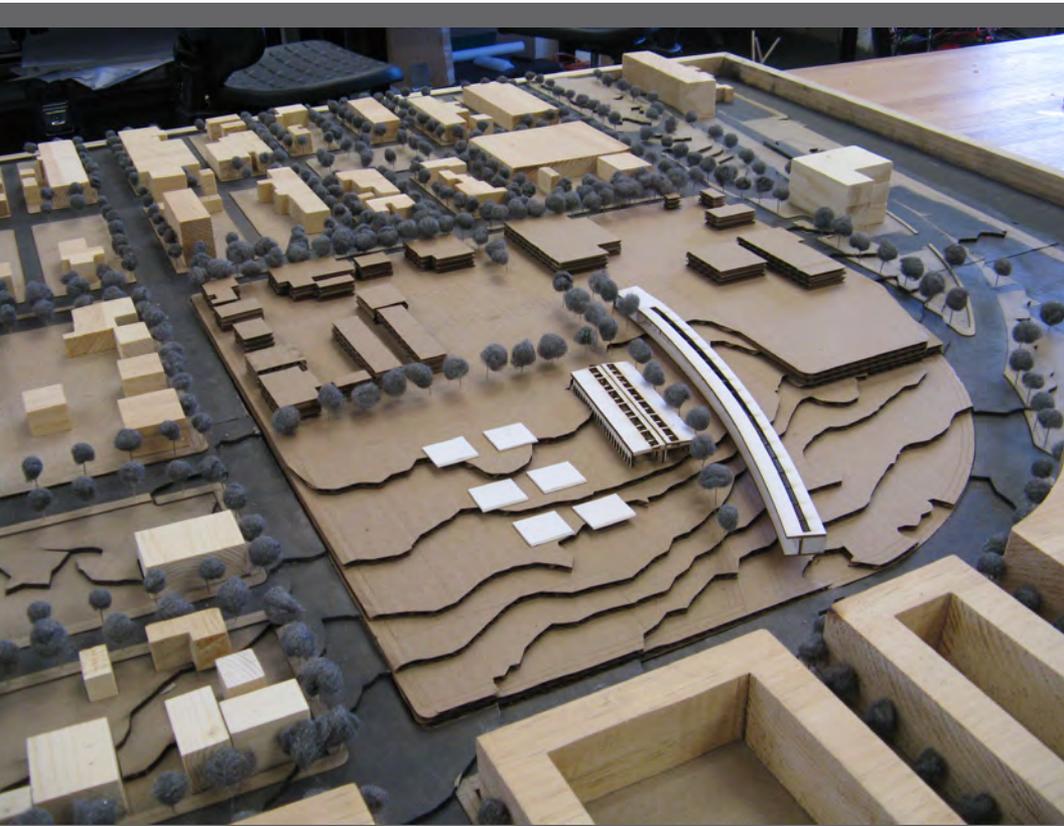
Artisan Building

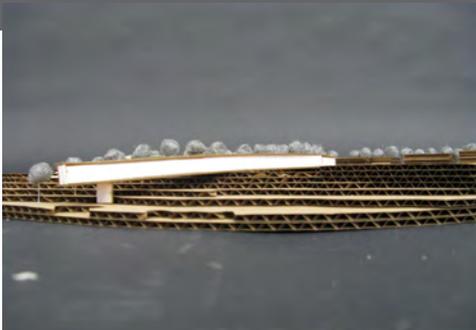
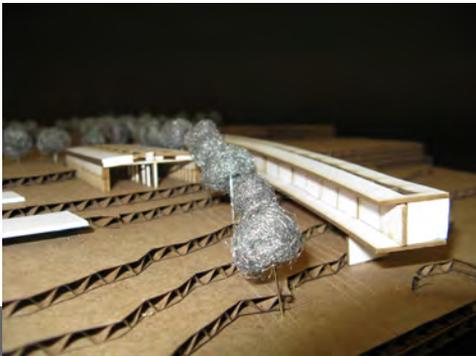
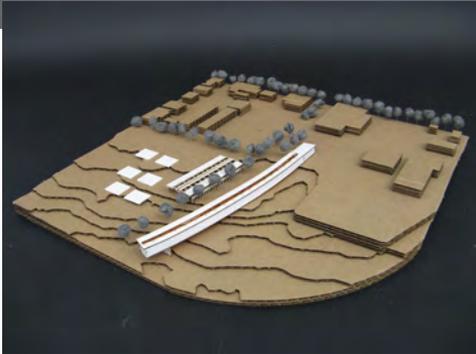


The design of this site allows the space to be very
 pedestrian friendly. The streets running through
 are paved with cobblestones to encourage
 the cars to slow down and gives the pedestrians
 control of the space. The open green space
 allows for further development of a transit line,
 making accessing the facilities even easier.









After the final review I went back and varied a few things just slightly. I made it so you can walk through the main artisan building, activating the back of the site. I also moved the



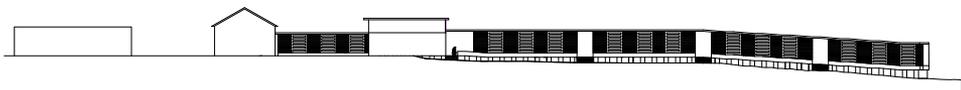
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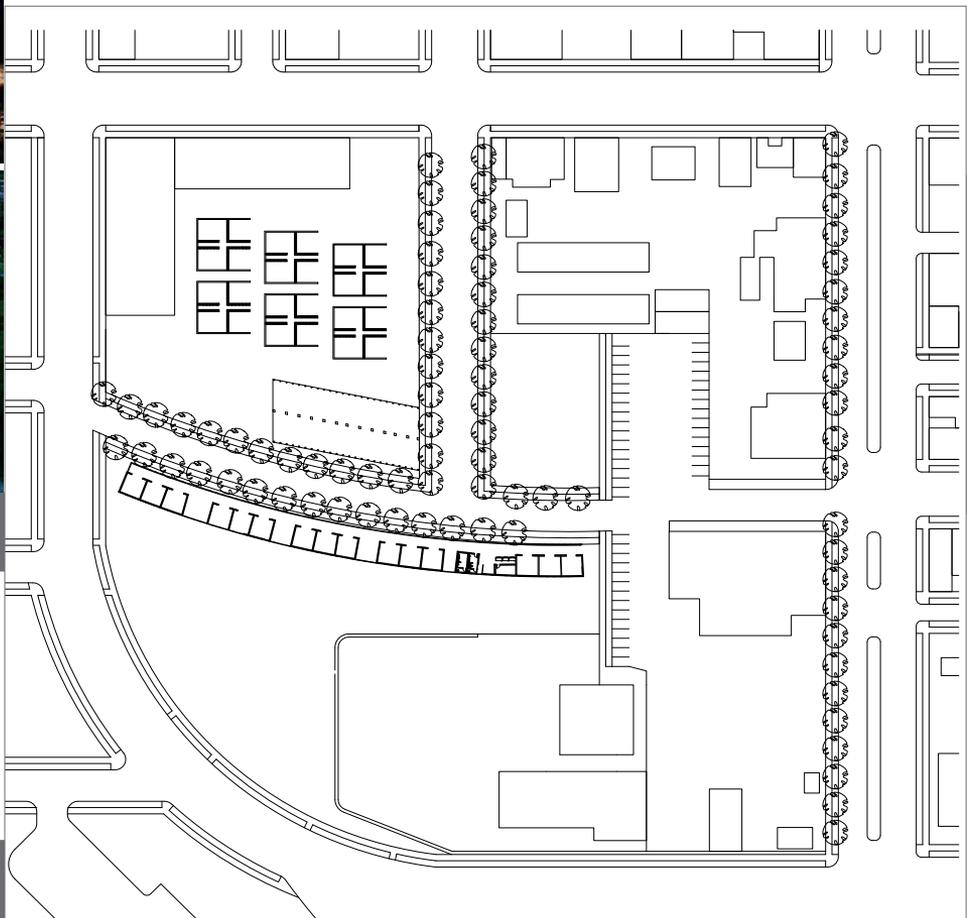


Site Section: Scale: 1:30



entrance to correspond more with the Barr St entrance. On the Farmers market I modified the structure just slightly, making it reflect the sun path better and be a little more eco-friendly.

Site Plan: Scale- 1:40



Terraced Garden Elevation:

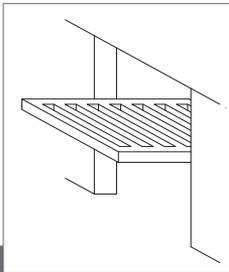
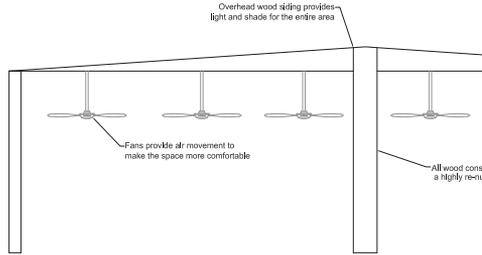
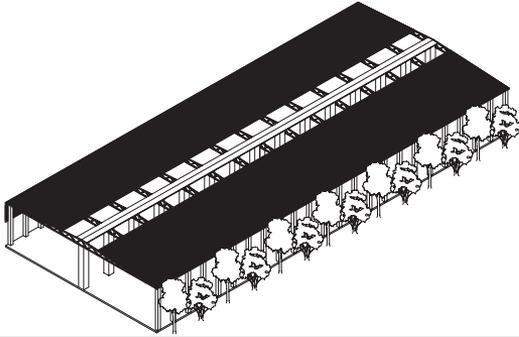
1/32" = 1'-0"



Farmers Pavilion

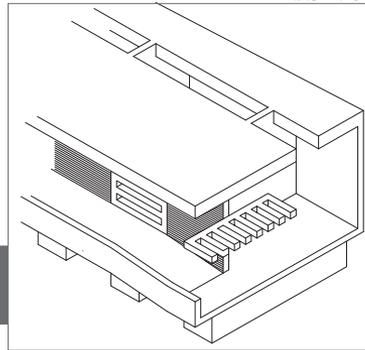
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to still enter the space utilizing a highly reusable strong usable area. taken down and the uses. This makes the event of the market that can be utilized



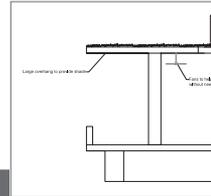
Each doorway is constructed of an aluminum frame and wood siding to go with the rest of the building. It is supported with a torsion spring system that allows the shopkeeper ease of opening. This system also allows the door to remain vertical. At the end of the day the shopkeeper can just lower and lock the doorway.

Section



1/16" = 1'-0"

Along the length of the Artisan building help to give the illusion of the building flowing with the hill. At night the series of light features creating a glow into the haunted history of the area.



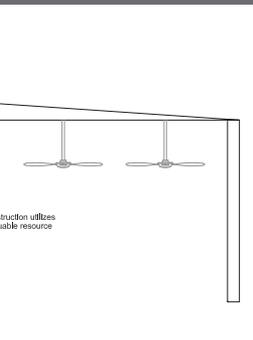
South Elevation:
Scale- 1/16" = 1'-0"

The design of this site allows the space to be very pedestrian friendly. The streets running through are paved with cobblestones to encourage the cars to slow down and gives the pedestrians control of the space. The open green space allows for further development of a transit line, making accessing the facilities even easier.

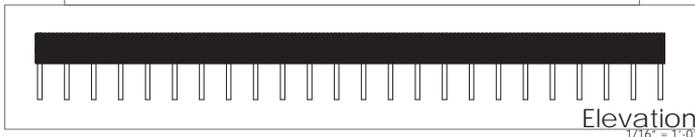
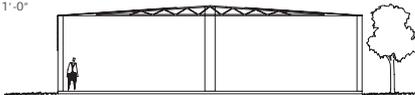
North Elevation
Scale



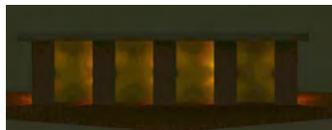
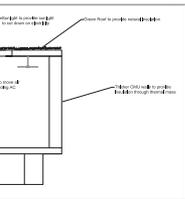
It is a fully wooden structure
 renewable resource but still be a
 It also allows the structure to be
 land to be reclaimed for alternate
 space more easily utilized in the
 closing down. It also gives a space
 as is for a variety of different uses.



Section:
 $1/16'' = 1'-0''$



...ing there are stilts and walls that
 ...ing floating over the land and
 ...a of floating is supported though
 ...a glowing effect. This also plays
 ...a and activates the site for night.



My artisan building takes influences from many different buildings. One of the most influential is the Rialto Bridge shops. The idea of having the awning symbolizing a shop being open influenced the unusual design of my doorways. The spaces are set up in a way to allow the shop owner to personalize in whatever way they would like.

Artisan Building

Elevation:
 $1/16'' = 1'-0''$

