



Community Sculpture Park Palouse, WA

Design Proposals

by
University of Idaho's senior
architecture students under the
direction of visiting professor Xiao Hu

Spring 2008

Site:

The Palouse River physically separates the site from the downtown fabric of Main St. This physical rift has created an identity crisis on the site. Currently the site is occupied by a car wash, eight mobile home trailers, and a neglected park.

Along with this identity crisis the site had other interesting quarks that needed to be addressed through site design intervention. These Issues included.

- The western half of the site floods annually, while the entire site is located in the 100 year flood plain.
- The riverfront was protected under Whitman County's Shoreline Conservation Ordinance.
- The large change in topography to the south limited the sites access to southern winter daylight.
- The car wash must remain on the site.





Program:

- Indoor gallery space for displaying art.
- Outdoor sculpture installation space.
- Living amenities for three to four live in artist
- Studio space for the artist
- Community gathering spaces.
- Connection to Hayton Green Park

The actual square footage of each programmatic element was left up to the judgment of the individual student.

Acknowledgements:

This document is given in personal dedication from the Department of Architecture & Interior Design at the University of Idaho to the Community of Palouse. Our hope is that the designs presented will provide a positive vision for the future architectural and cultural development of the City of Palouse.

I would like to express my strong appreciation for the help given to the students and myself by Michael Echanove, Mayor of the City of Palouse, Mike Milano and Andy O'Neill from the City Council, and Shandra Bohn of Palouse Art Council.

I am particular grateful to Nelson Duran, the Director of the Bank Left Gallery, who introduced to me the public park project, kindly hosted the final presentation, and allowed student's work to be displayed in his gallery.

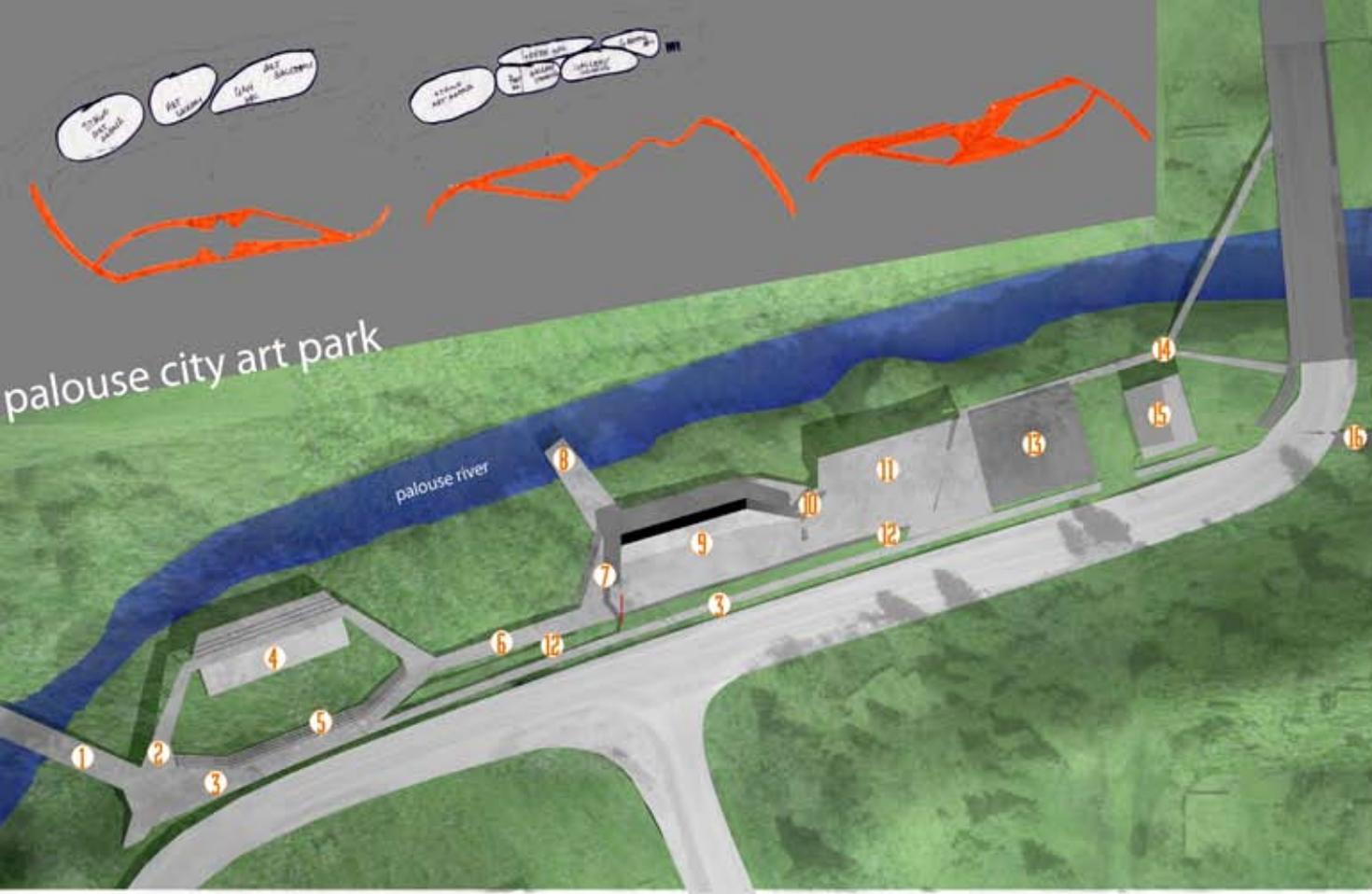
My thanks also go to Joyce Beeson, treasurer and clerk of the city government, and Ann Thompson, deputy clerk of the city government, who warmly receive my visits and provided useful information.

Last, but far from being the least, my heartfelt gratitude to the Community of Palouse, for joining us for our presentations, giving your insightful comments, and supporting our work. Without you, the entire project will not be successful.

Thank you and best wishes,

Xiao Hu
Visiting Assistant Professor
Dept. Architecture & Interior Design
University of Idaho



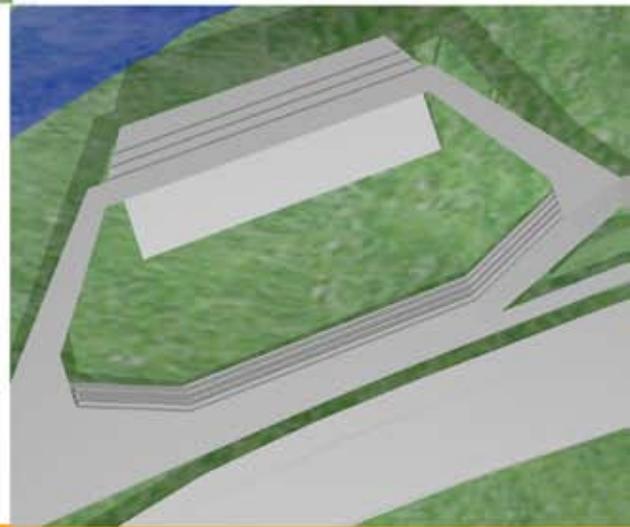
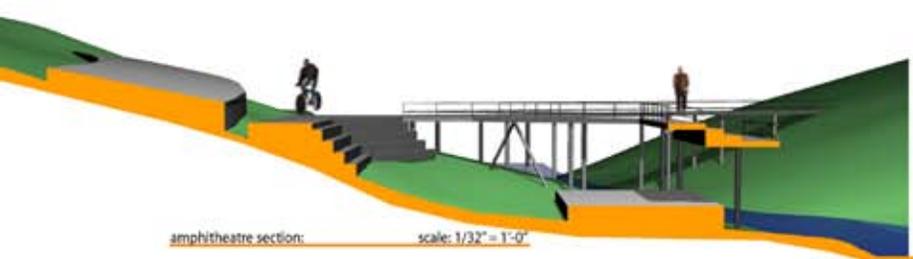
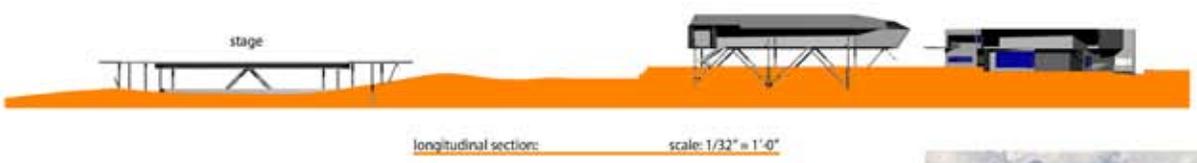


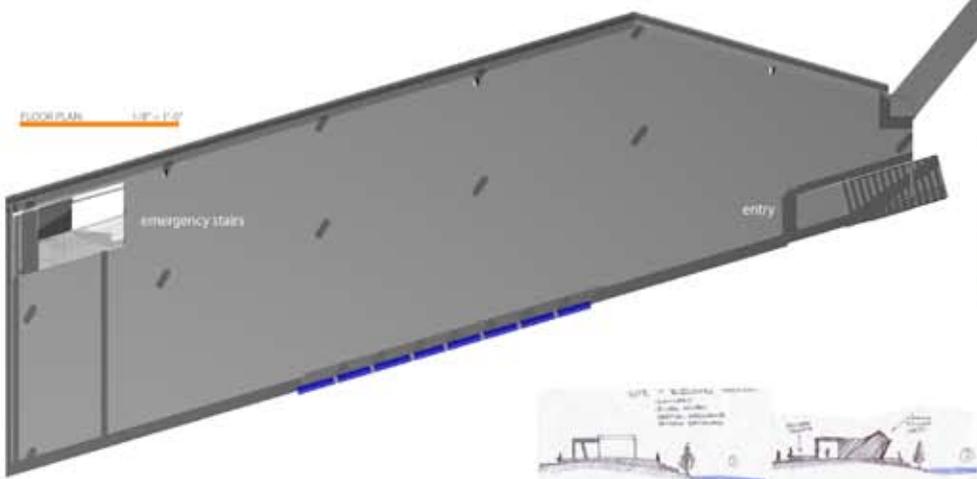
The site has three problematic issues: the 100 year flooding zone and the yearly flooding zone, placement of the art gallery and stage areas, and a visual or walking connection to downtown. The city art walk is inspired by multiple elevated walk ways for art to be displayed and pathways to be used yearly.

LEGEND:

- 1 HAYTON PARK BRIDGE
- 2 ELEVATED WALKWAY AROUND STAGE
- 3 RUNNING/BIKING PATH
- 4 STAGE
- 5 STAGE SEATING
- 6 BRIDGE
- 7 LOWER GALLERY + RIVER ACCESS
- 8 DOCK
- 9 GALLERY SPACE
- 10 GALLERY BRIDGE TO STUDIO
- 11 STUDIO/APARTMENT
- 12 RAISED EARTH FOR SEATING
- 13 RESIDENCE PARKING
- 14 PATHWAY TO DOWNTOWN
- 15 EXISTING CAR WASH
- 16 SHADY LANE PATHWAY

stage: 500 sq. ft.
 gallery space: 2800 sq ft.
 studio: 600 sq. ft. (3)
 apartment: 250 sq. ft. (3)
 living room: 300 sq. ft.
 kitchen: 150 sq. ft.



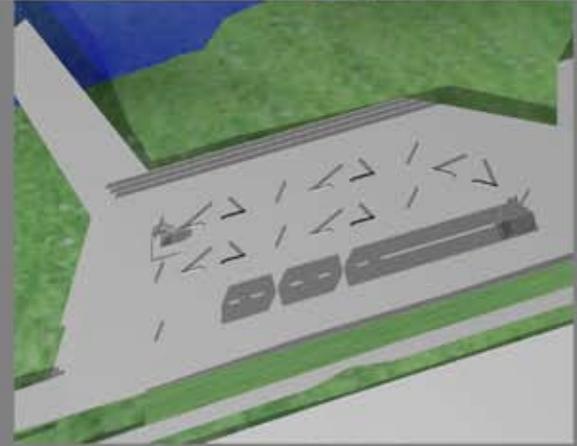


gallery space:

There are two featured gallery spaces featured on the site. The first is elevated above the walkway system to avoid flooding. The second is located directly beneath it. Also, other functions and gatherings can take place under the gallery space such as: wedding receptions, picnics, birthday partys and to discuss issues in the community. The gallery has an open floor plan, so that wall partitions can be added to accomodate different sizes of art.



INTERIOR RENDERING OF HOW THE GALLERY SPACE COULD BE USED



This is an area where art, picnics, social gatherings and community conversations could be held.



This picture shows the palouse history of river logging. The structural system of the artist residence, studio and the art gallery are tilted concrete columns, remissant of river logging. It creates a tree-like environment, so that it feels like you are in a forest or looking through one.

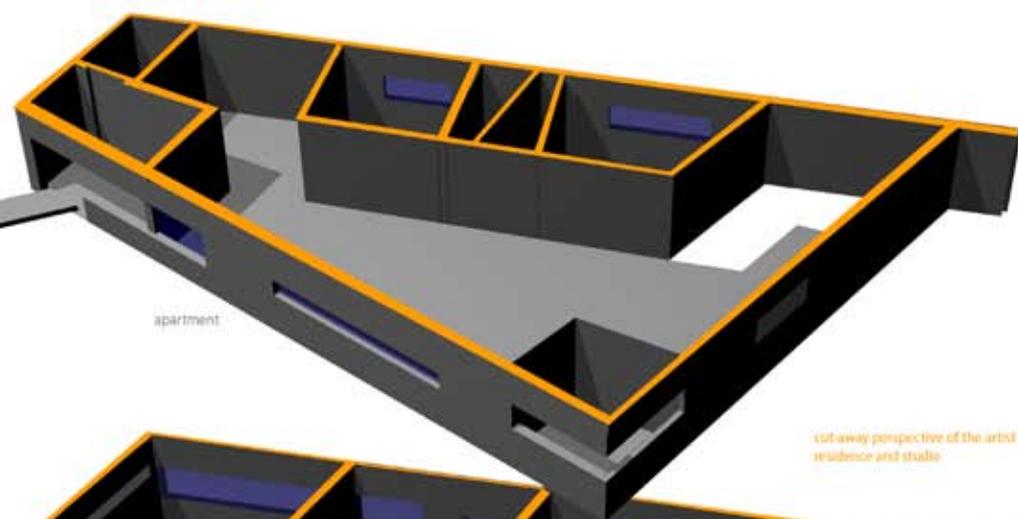


This picture shows how one could bike on the fast track city walk, or another could sit on raised grass.



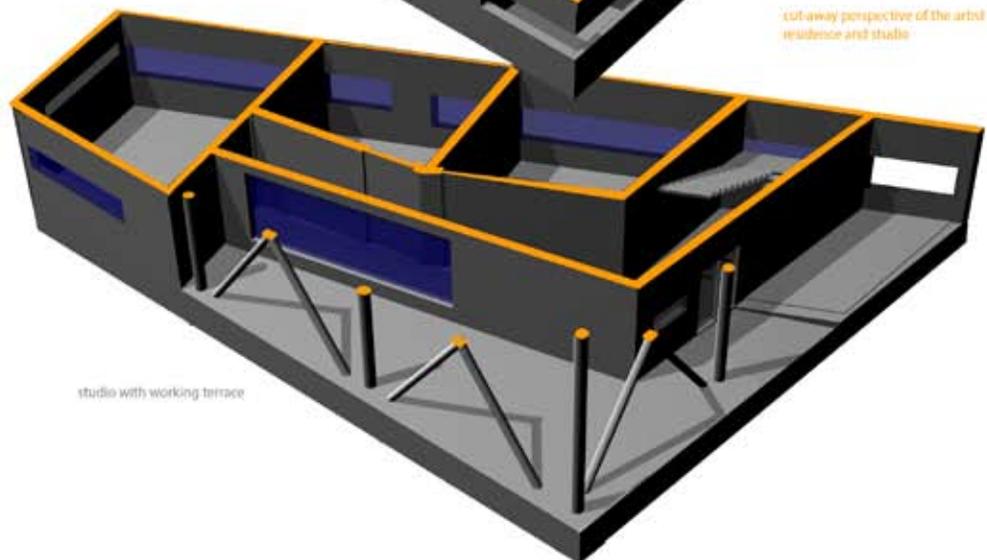
This is a snapshot from across palouse river, showing an art installation on the dock.





apartment

cut-away perspective of the artist residence and studio



studio with working terrace



This picture shows some of the different pathways and seating areas. The negative space between the studio/apartment and the gallery creates an opening to continue walking to hayton park, walk up to the gallery, or walk down to river access by the dock.

There is a portal or opening that signifies the different spaces, the yearly flooding zone and the 100 year flooding zone. The picture to the right shows that portal, as well as, bathrooms underneath the gallery and a grassy seating area to enjoy views and observe people



Masonry



concrete masonry units are the building blocks for the gallery, apartment, and studio spaces.



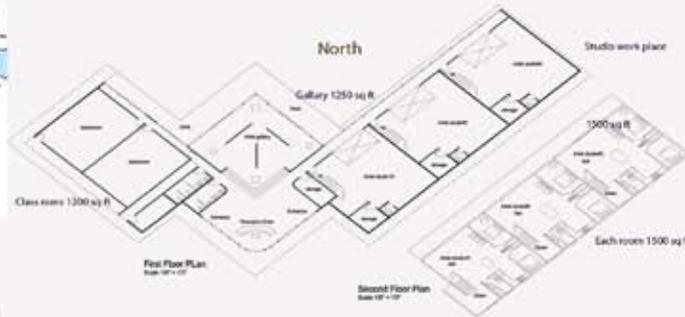
reused or recycled concrete or cobblestones will be placed for the footpaths and river access areas.

PALOUSE CITY ART PARK

Analysis / Process work

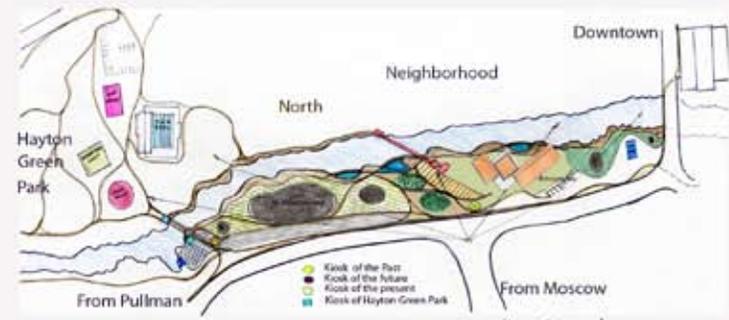


Analysis Details of Views to the Art Park Site



First Floor Plan

Second Floor Plan



Site Plan

site not to scale



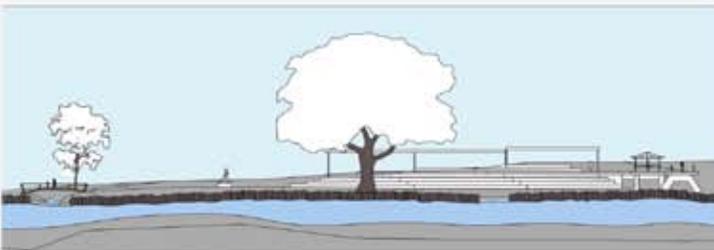
process work #1 concept



Grand Gazebo pavilion



Cross section Looking East with Grand stand Pavilion



Close up detail section looking South



2500 sq ft
Gazebo floor plan

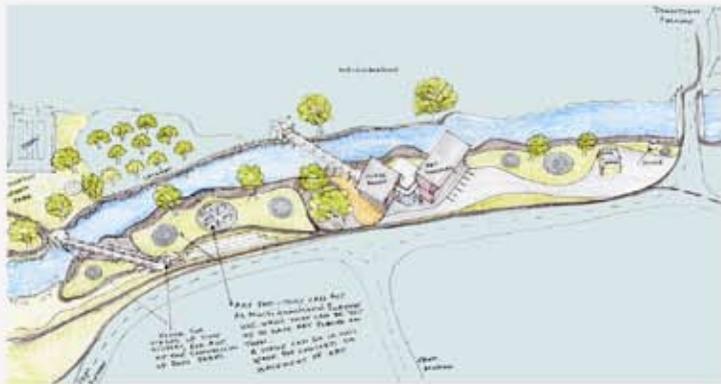


Longitudinal Section Close up looking North to the Art Park



Detail close up looking across from Hayton Green Park to the North

I based my project on views that provided the most advantage of looking at Hayton Green Park park on the other side of the river. Since this site has a major migration flow of wildlife I kepted; it as simplistic as I could ;but with a multi-purpose functionality to it so whoever uses it will not be bound by structural constraints. My vision was to make sure it had a connection to Hayton Park by way of art instillation pieces on the other side as well. The Grand stand Gazebo provides the major linkage from one park to the other!



Aerial view of the Art Park



Perspective of the bench seating



Perspective of the Bridge along the walkway



Before bench seats



Before Bridge and walkway towards the East



Before view looking across N.E.



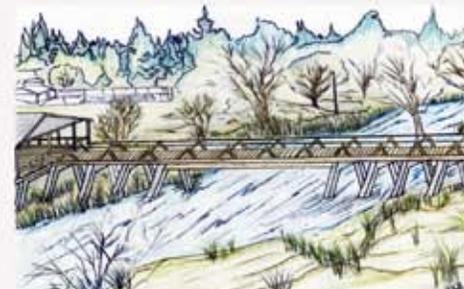
Views to the site



Site Cross Section looking East



From Hayton Green Park Looking South at Art Center Complex

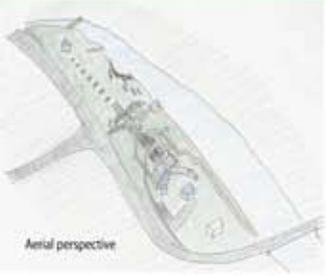


Perspective looking at the Bridge to Hayton Green Park



Full longitudinal View looking South

Palouse Art Park

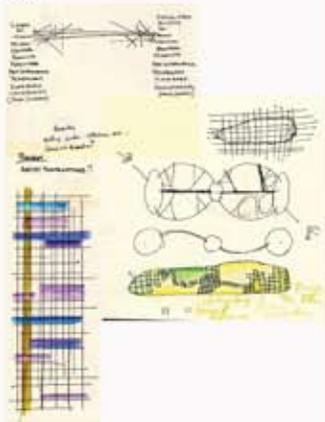


- Key
- 1: Studio
 - 2: Gallery
 - 3: Apartments
 - 4: Public Bathrooms
 - 5: Stage
 - 6: Outside teaching area
 - 7: Outside learning area
 - 8: Gazebo
 - 9: Bridge

Every culture has had great value in art. In the past, it was used to record events which happened at a certain time, today it has been refined and defined into different styles, and in the future the mediums with which we create art will most certainly shift to the digital world. In any case, Palouse, WA is a small town in a big world that is rich in art and culture. Creating an art park in this city was an opportunity to provide for children a place to learn about art and produce art, which will ensure that the culture of Palouse will continue to thrive.



Process



Palouse, Washington is rich with history culture and a willingness to encourage the new. With this in mind I was able to establish an understanding for the needs and desires of the city. After generating ideas for humanistic and natural needs I developed a graph which analyzes the cross combination of site context.

By generating a site design that utilizes and embraces the natural land forms as well as maximizing the use of green space the site is full of entertainment and recreational amenities.

The design of the Gallery structure was inspired by the natural curves of the site. The building is designed for ease of function and usability.



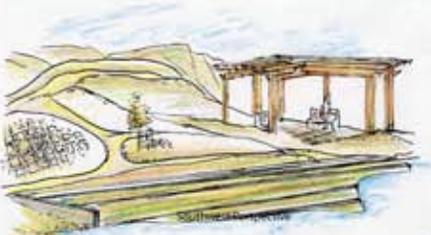
First Floor Interior Perspective



Ground Floor Interior Perspective



Patio



South Perspective



Palouse Art Park



Birds Eye View



Palouse, Wa



South Perspective



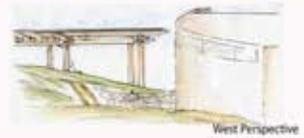
Northeast Perspective



Northwest Perspective



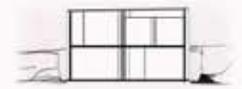
Southwest Perspective



West Perspective



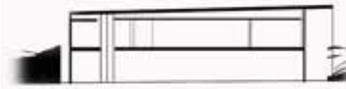
East Elevation



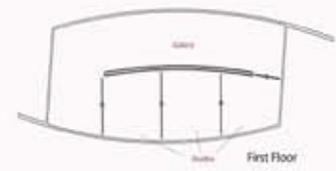
West Section



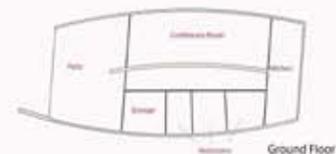
North Elevation



North Section



First Floor



Ground Floor

corridor

Project:
Palouse Art Park

Site:
Palouse, WA

Program:
artist housing,
public/private working
spaces, indoor/outdoor
gallery space

The site is a small piece of the larger green/riparian corridor that is the Palouse River. This means that it is a crucial habitat for birds as well as other wildlife species for breeding and transportation. Loss of trees and shrubs along such corridors has a compounding effect by essentially destroying one of the last remaining wildlife habitats in the Palouse bio-region.

Despite the fact that the town is situated in the floodplain, the citizens of Palouse elected to leave the riverbank as natural as possible and just deal with the flooding, instead of engaging in flood control measures that would have destroyed the habitat (as has been done in Colfax). This profound respect for the environment is the backdrop for this project, resulting in a design that attempts to preserve and fortify the natural habitat at the same time that it functions to celebrate the rich artisan culture of Palouse.



hwy 27 bridge - to town

carwash - existing structure

artist housing & private studios
adaptive re-use of local abandoned
shipping containers (8' x 9' x 45')

main studio space & gallery
similar construction to housing
(reclaimed shipping containers)

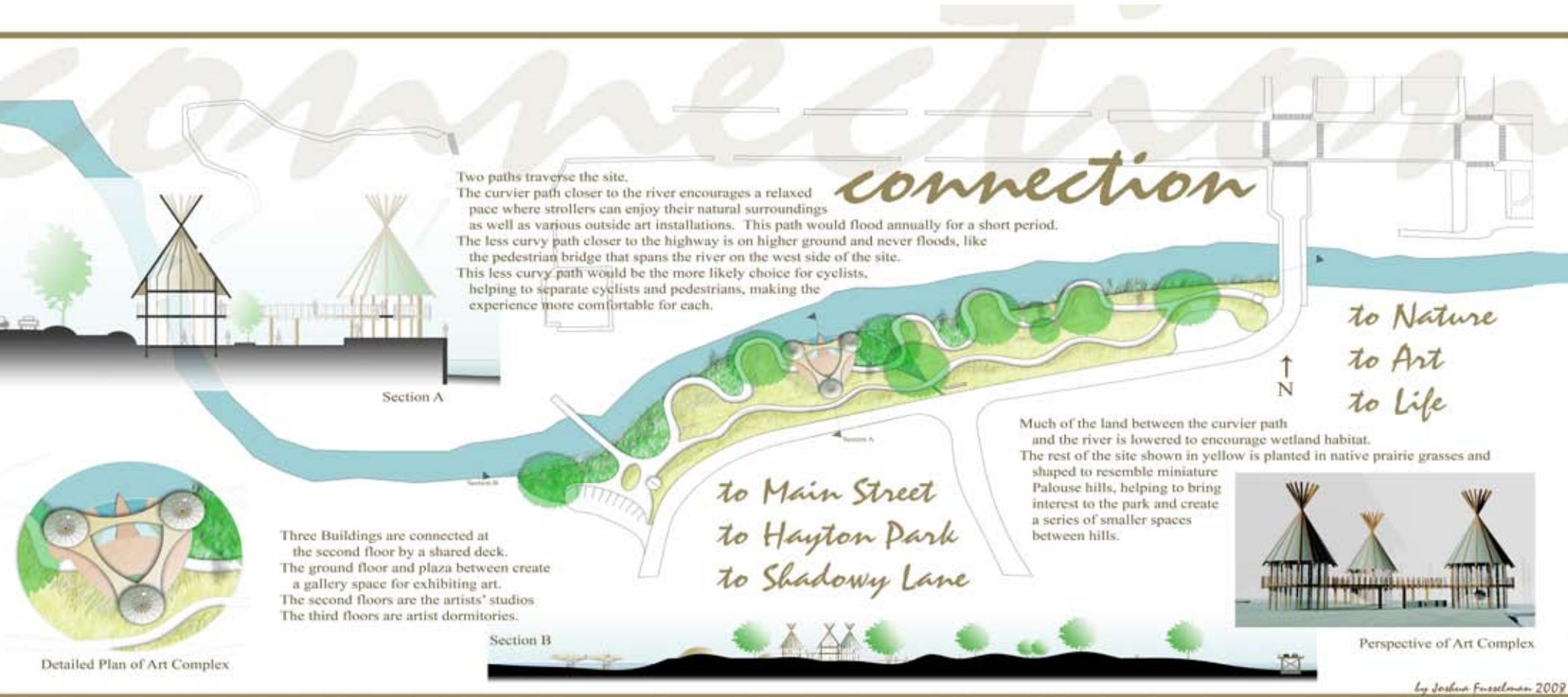
outdoor gallery - interwoven pathways
structure the site and allow the user to
"choose the narrative"

birch, willow, and larch tree stands
strengthen the riparian corridor

pedestrian bridge - to city park







connection

Two paths traverse the site.
 The curvier path closer to the river encourages a relaxed pace where strollers can enjoy their natural surroundings as well as various outside art installations. This path would flood annually for a short period.
 The less curvy path closer to the highway is on higher ground and never floods, like the pedestrian bridge that spans the river on the west side of the site.
 This less curvy path would be the more likely choice for cyclists, helping to separate cyclists and pedestrians, making the experience more comfortable for each.

*to Nature
 to Art
 to Life*

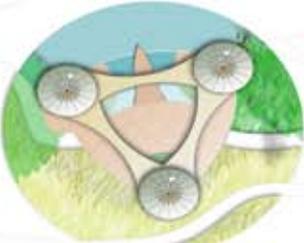
Much of the land between the curvier path and the river is lowered to encourage wetland habitat. The rest of the site shown in yellow is planted in native prairie grasses and shaped to resemble miniature Palouse hills, helping to bring interest to the park and create a series of smaller spaces between hills.

*to Main Street
 to Hayton Park
 to Shadowy Lane*

Three Buildings are connected at the second floor by a shared deck. The ground floor and plaza between create a gallery space for exhibiting art. The second floors are the artists' studios. The third floors are artist dormitories.



Perspective of Art Complex



Detailed Plan of Art Complex

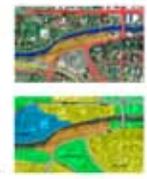
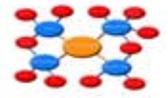


Section B

PALOUSE, WA



ART SCULPTURE PARK

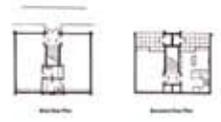
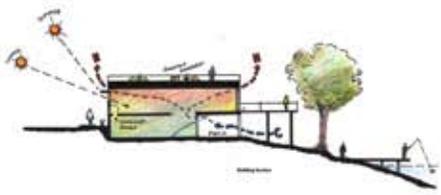
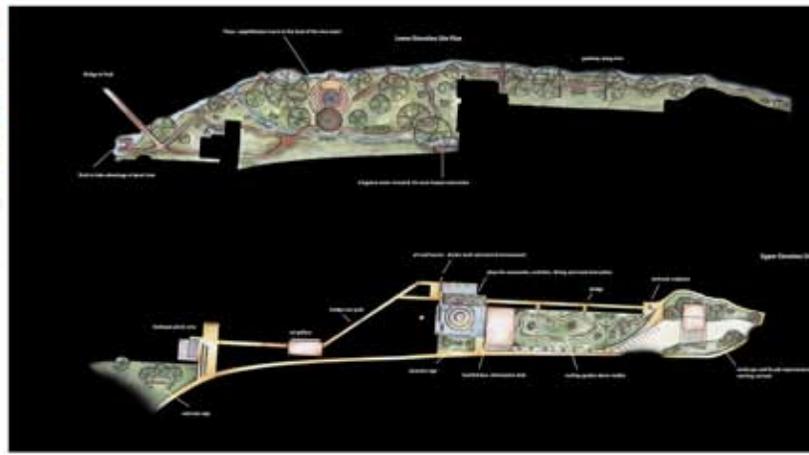


ART SCULPTURE PARK PROGRAM

Goals of the Park: ...

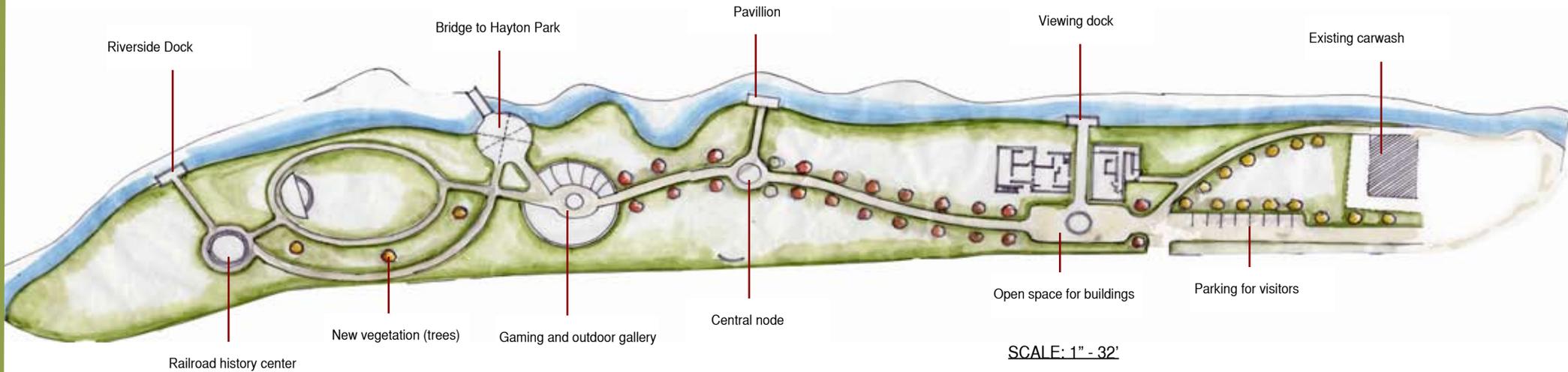
ART SCULPTURE PARK CONCEPT

Concept of the Park: ...



PALOUSE ART PARK

SITE PLAN



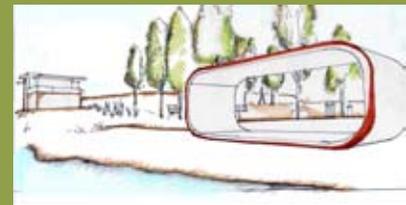
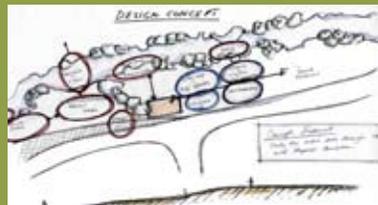
INTRODUCTION AND OBJECTIVE

The city of Palouse is located in the Inland NorthWest region of Washington mainly complimented with the rolling hills and scenic beauty. Closely connected to the University Of Idaho and Washington State University, the gateway to the city is framed by these two roads with the Palouse park in between. As an artistic and agricultural community, the park should easily portray the creative soul of the town for all visitors coming in or passing by. Our objective in this project is to design an art park that would cater to provide the cultural and artistic elements of the palouse. Using a spatial design strategy as my concept, views that were easily seen by pedestrians and drivers from Moscow or Pullman made it easy for me to designate them as "public spaces". For those hidden or obscured to the public eye, became more intimate or private spaces. By incorporating a pathway throughout the entire site, I was able to connect all my programmatic spaces, and in doing so developing a unified design system.

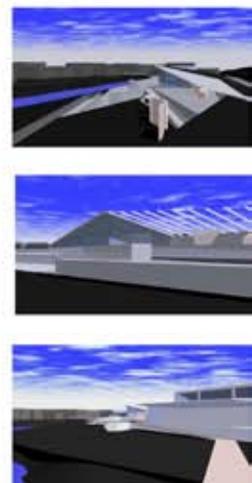
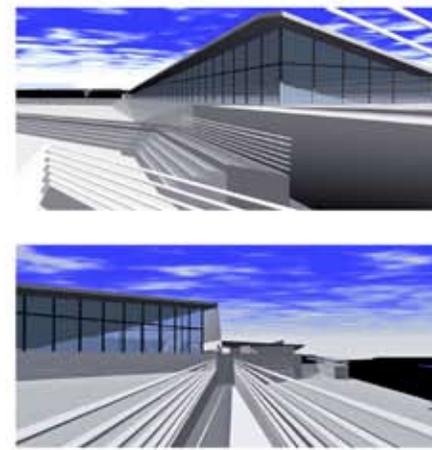
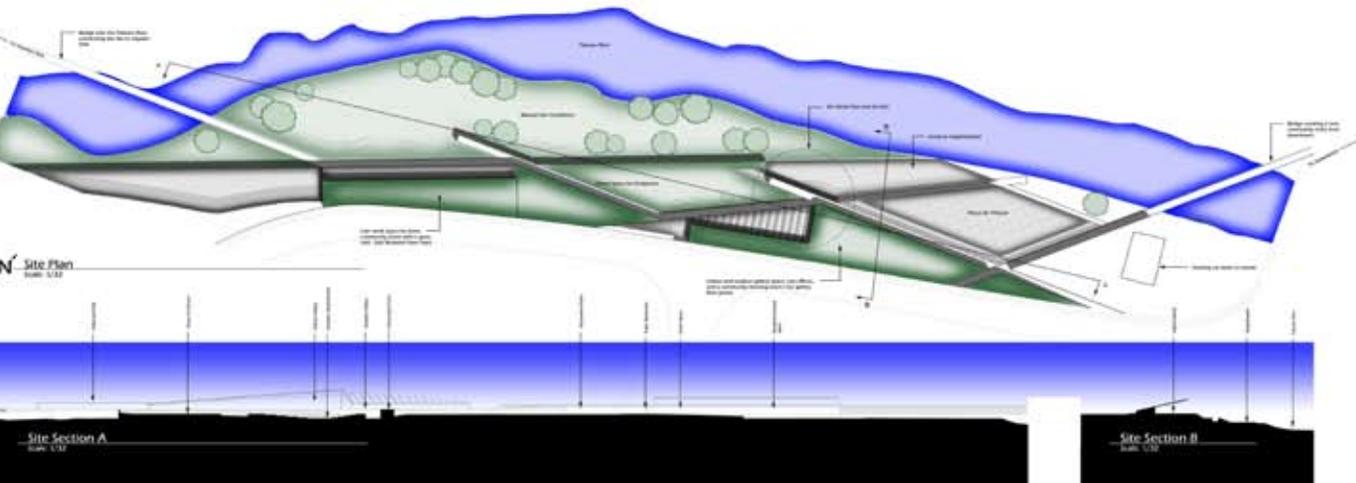
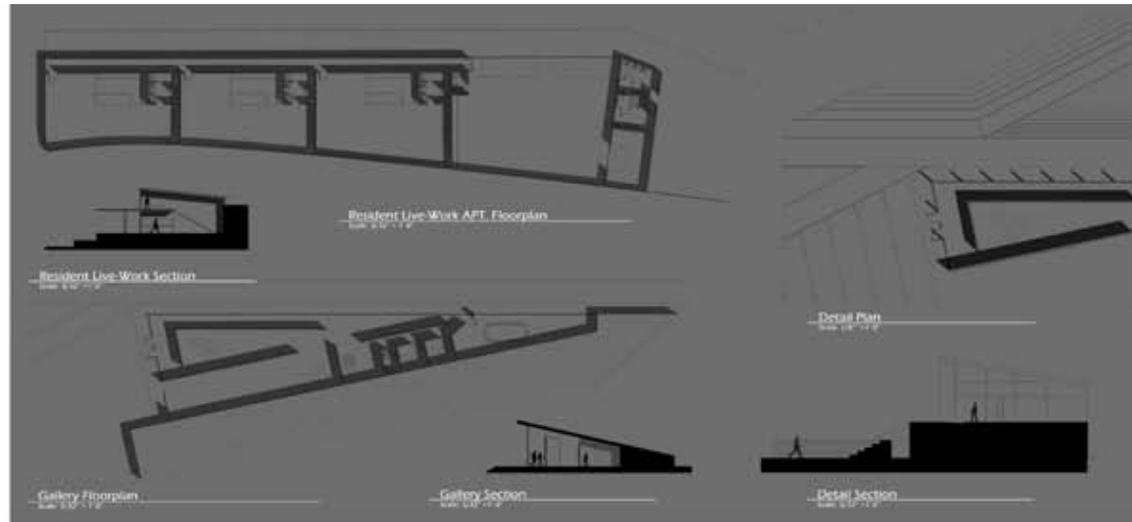
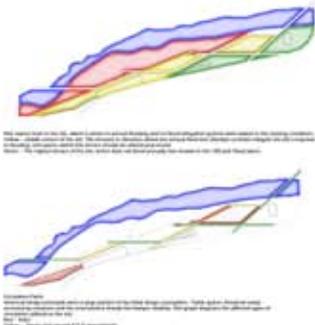
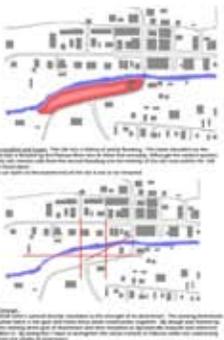
North - South Section cut through river



East - West Section cut through park



Palouse Art Park





Aerial Perspective

WHERE TOMORROW HAPPENS!!!



The site's location is ideal to serve as the gateway to the town of Palouse. A small town with various outdoor attractions and rich cultural and artistic backgrounds features some of the opportunities that this community has to offer. The tradition and community oriented ideals were considered to develop several schemes that had conceptual connections to the downtown area. The urban fabric and relationship of private and public spaces influenced the design process. The idea of integrating a NATURE-based circulation path with a rigid HUMAN made path became the conceptual focus to guide two different types of circulation; slow movement (people who want to experience the site) and fast-movement (people who need direct access to another area). The proposed design idea is intended to serve as a gateway to town and to attract people from all directions.

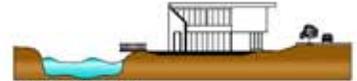
SITE PLAN
SCALE: 1/32" = 1' 0"

- 1. NODE
- 2. DECKS
- 3. WATER FEATURE
- 4. GARDEN
- 5. OPEN SPACE
- 6. SQUARE
- 7. CLASSROOMS/STUDIOS
- 8. LIVING SPACES
- 9. PARKING
- 10. CAR WASH
- 11. EXISTING BRIDGE
- 12. DOWNTOWN BRIDGE

LONGITUDINAL SECTION
SCALE 1/32" = 1' 0"



NORTH SECTION
SCALE: 1/32" = 1' 0"





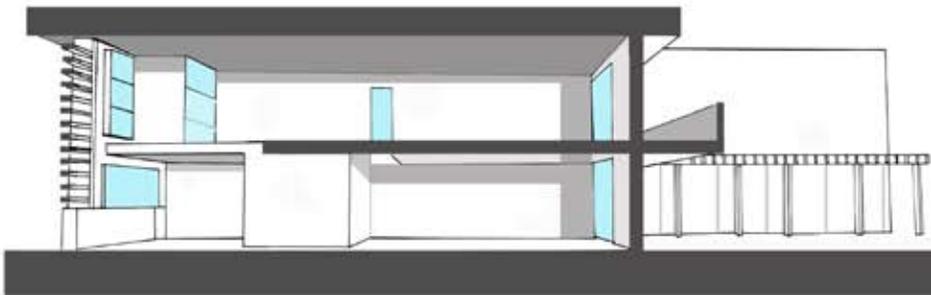
SCALE: 1/8" = 1' - 0"

FIRST FLOOR



SCALE: 1/8" = 1' - 0"

SECOND FLOOR



WEST SECTION (A)
SCALE: 1/8" = 1' - 0"



Living Spaces Perspective



North Elevation



Art Gallery perspective



Art Gallery Exterior Perspective



Exhibition Space Perspective

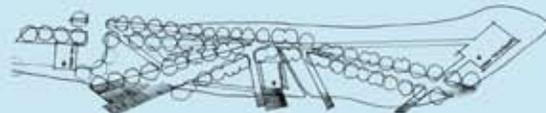
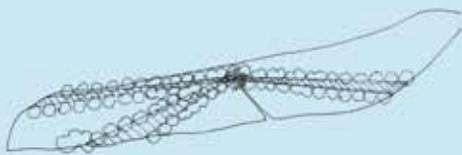
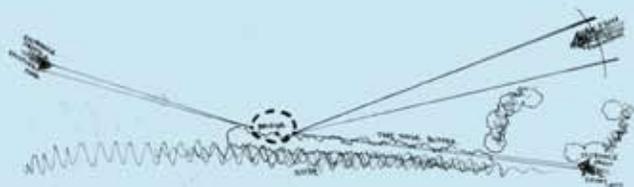


Landscape Perspective

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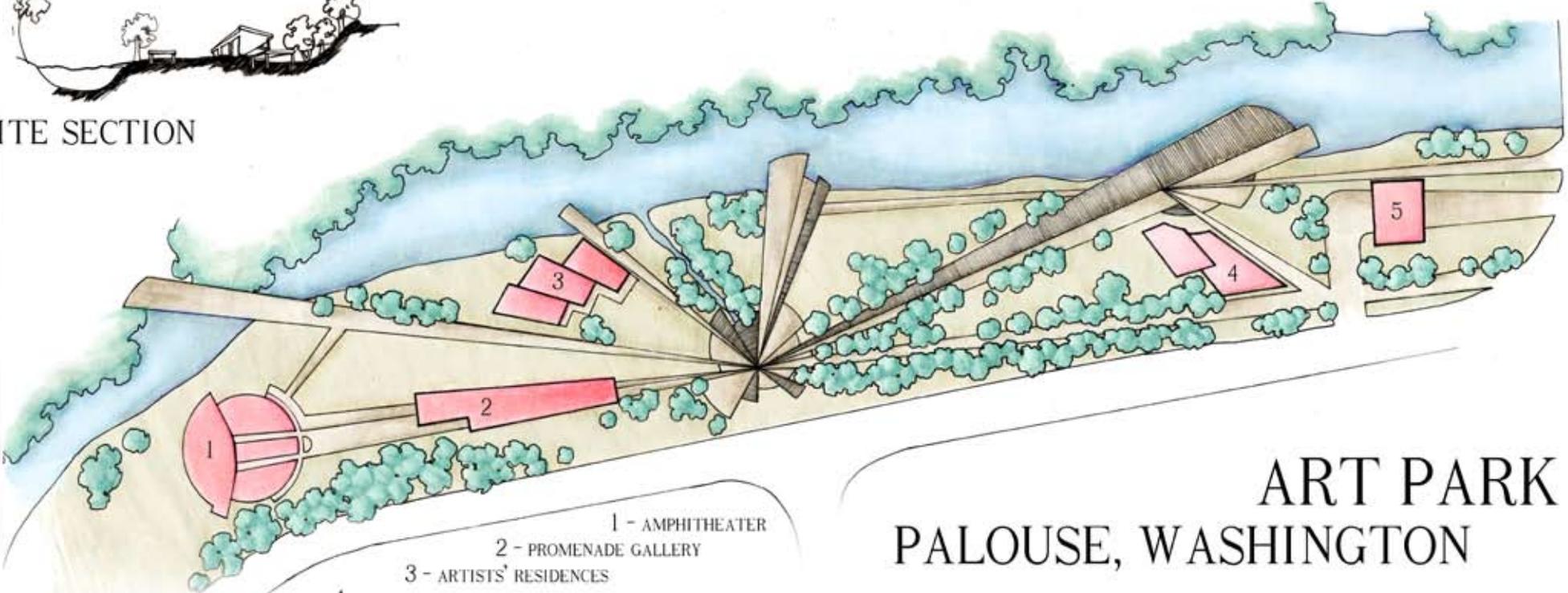
GARDEN PLAN DETAIL
SCALE 1/8" = 1' - 0"



PROCESS



SITE SECTION



ART PARK PALOUSE, WASHINGTON

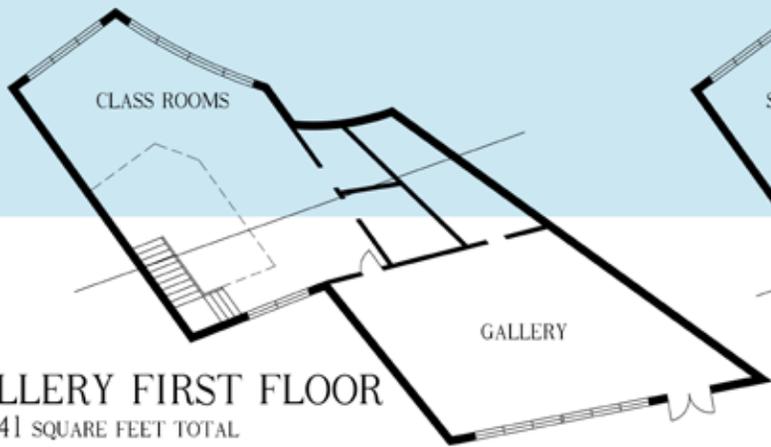
- 1 - AMPHITHEATER
- 2 - PROMENADE GALLERY
- 3 - ARTISTS' RESIDENCES
- 4 - GALLERY AND STUDIO SPACES
- 5 - CAR WASH (EXISTING)

SITE PLAN

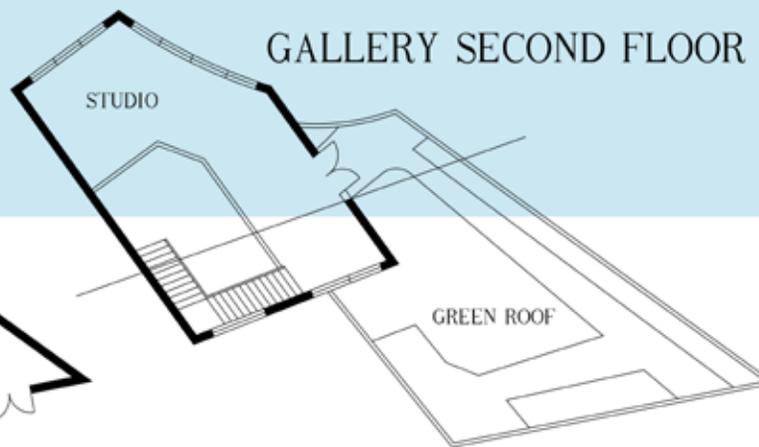
1/32" = 1'



SITE SECTION

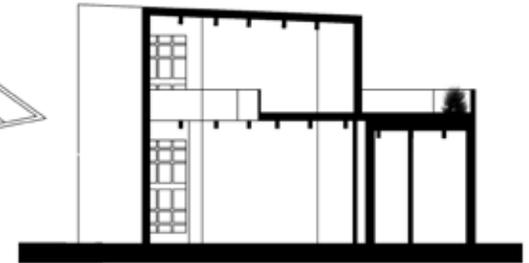


GALLERY FIRST FLOOR
2941 SQUARE FEET TOTAL

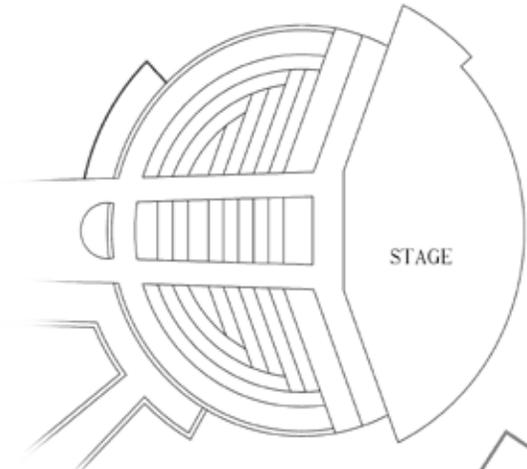


GALLERY SECOND FLOOR

1/8" = 1'



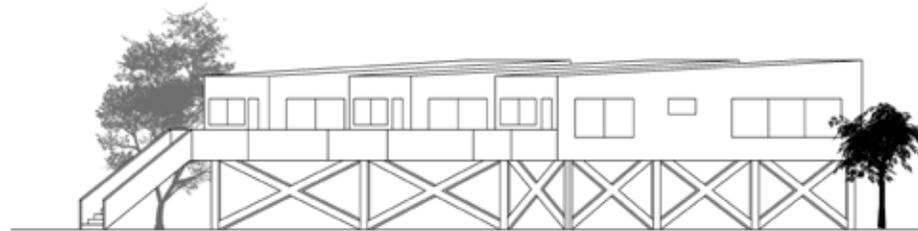
SECTION



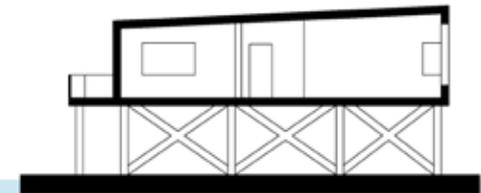
AMPHITHEATER PLAN



SOUTH ELEVATION



NORTH ELEVATION



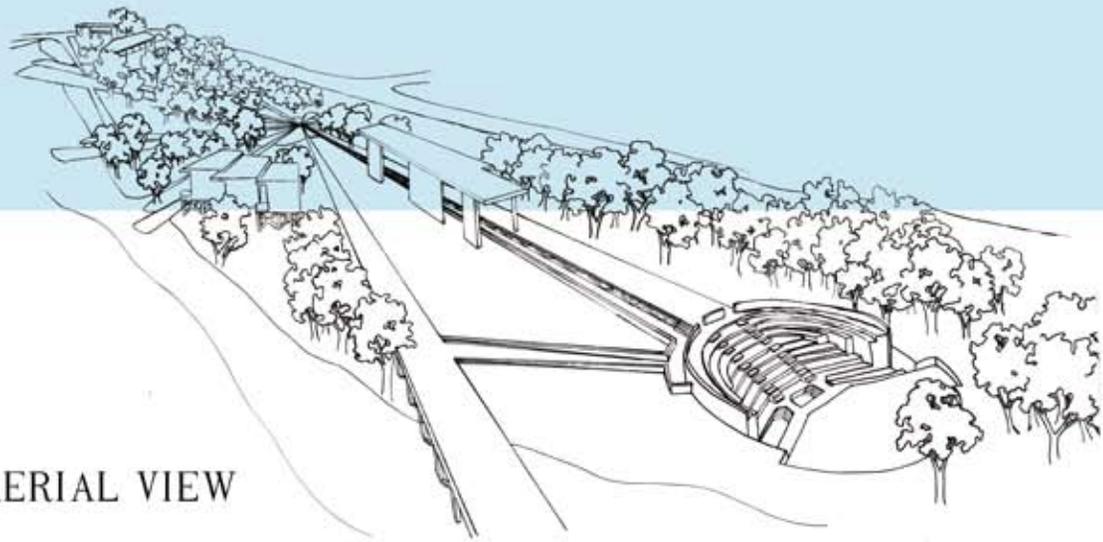
SECTION



ARTIST RESIDENCE FLOOR PLAN

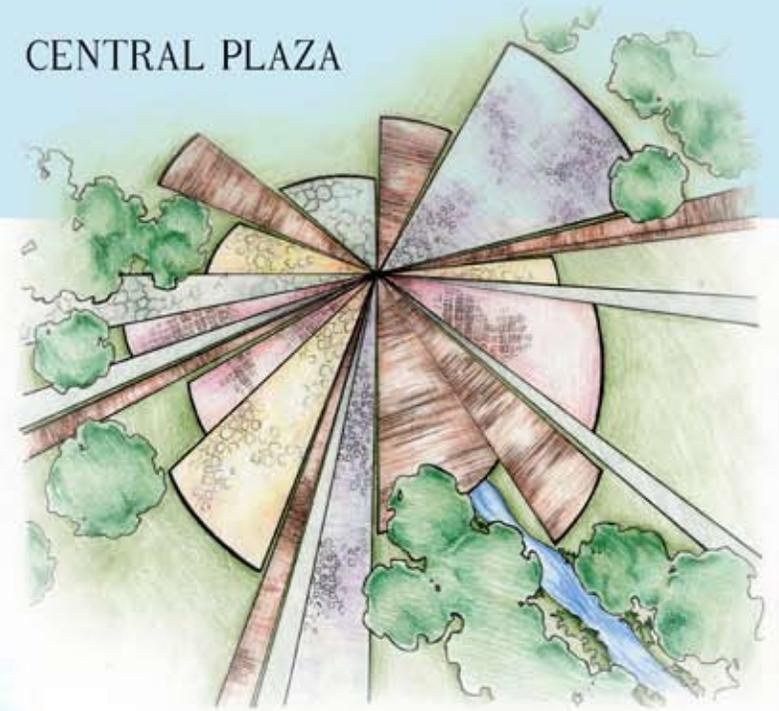
715 SQUARE FEET EACH

THE DESIGNS OF THESE STRUCTURES WERE DRIVEN BY THE SITE PLAN'S RADIAL ORIENTATION AND THE ANNUAL FLOODING THAT TAKES PLACE.

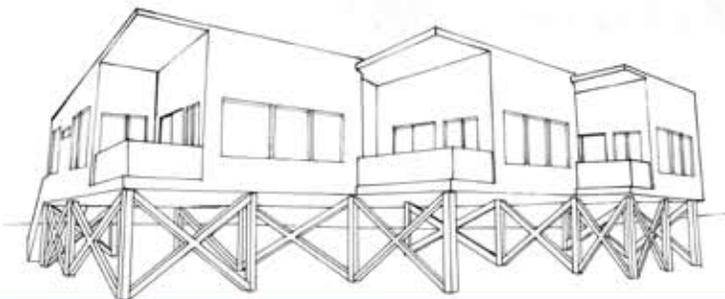


AERIAL VIEW

CENTRAL PLAZA



AMPHITHEATER



ARTISTS' RESIDENCES



GALLERY AND STUDIOS

THE PATHS JUTTING OUT FROM THE CENTRAL SPACE
CREATE CONNECTIONS BOTH VISUALLY AND PHYSICALLY WITHIN
THE SITE AS WELL AS ACROSS THE RIVER AND TO THE DOWNTOWN AREA.

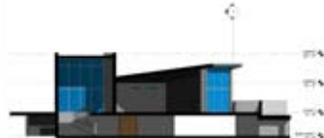
HUMAN NATURE



HIGHWAY ENTRANCE PERSPECTIVE



STUDIO SECTION 1



GALLERY SECTION



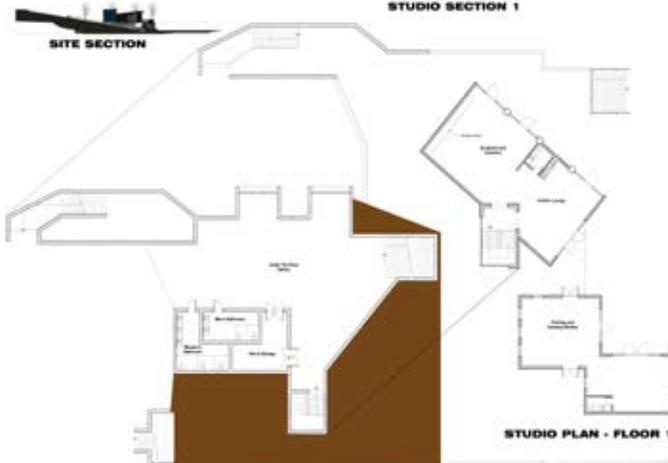
SITE SECTION



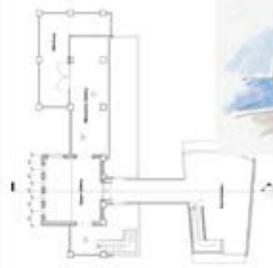
STUDIO SECTION 1



ARTIST LIVING SPACE - PLAN LEVEL 2



STUDIO PLAN - FLOOR 1



GALLERY PLAN - FLOOR 2



RIVER WALK PERSPECTIVE



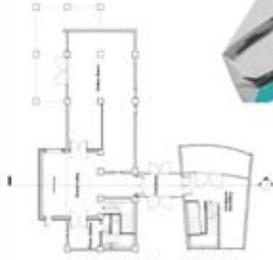
ARTIST LIVING SPACE - PLAN LEVEL 1



CITY ENTRANCE PLAZA PERSPECTIVE



GALLERY BLDG. PERSPECTIVE



GALLERY PLAN - FLOOR 1



STUDIO SECTION 1

STUDIO SECTION 1



STUDIO SECTION 1



PALOUSE ART PARK

LOCATION: PALOUSE, WA

"In all things of nature there is something of the marvelous."
- Aristotle

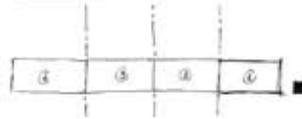
Nature has long been a part of our life. It is powerful and unpredictable. Nature holds within itself something of the marvelous that makes us wonder.

One of the opportunities of this project is that students were to develop a conceptual design of an art park on a flood land. Adopting a flooding design principle from the Netherlands, I chose to work with nature rather than against it. A pool was designed as a flooding device to allow water from the river to be pumped and stored in it when the flood comes.

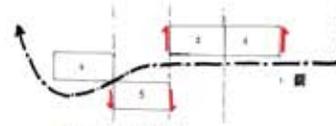
In addition, I have designed this art park to fulfill these following goals.

1. Embrace history of the Palouse.
2. Celebrate Palouse Community.
3. Educate Palouse younger generation.

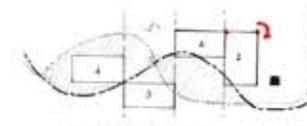
PROCESS



1 URBAN GRID



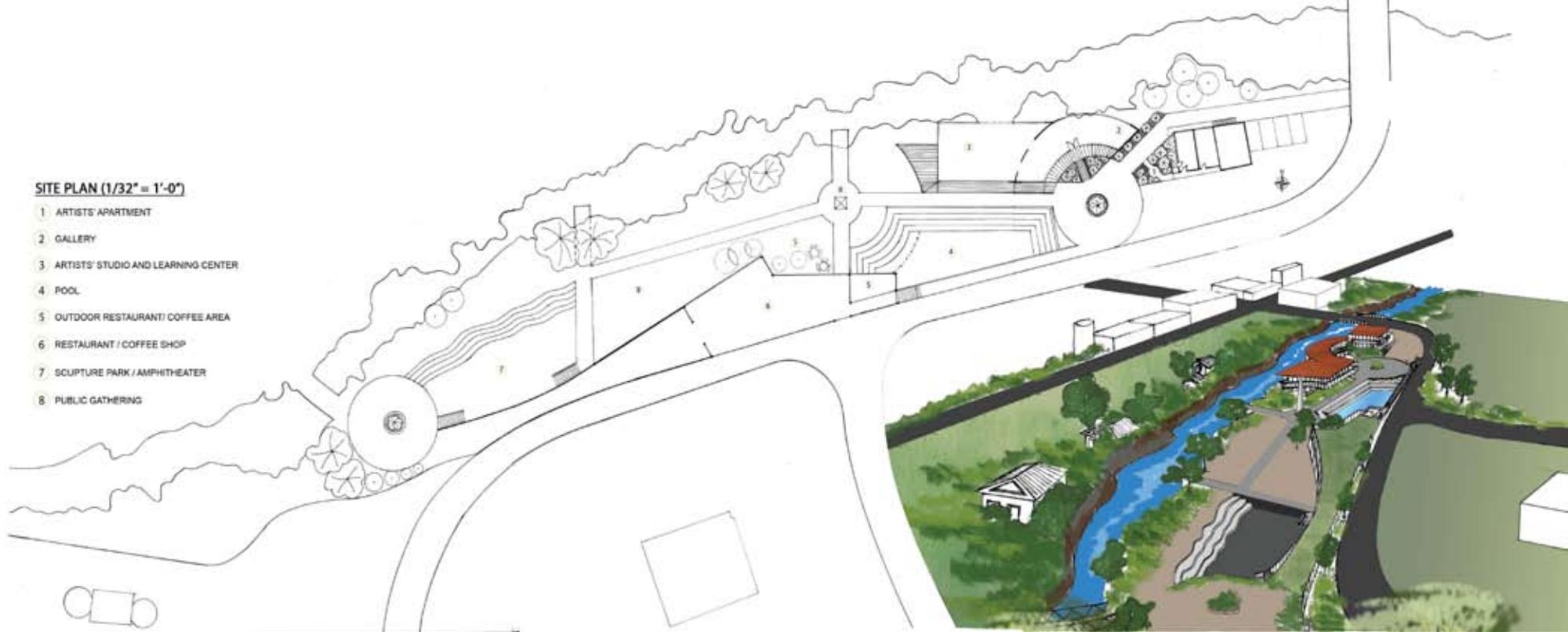
2 SITE ADAPTATION

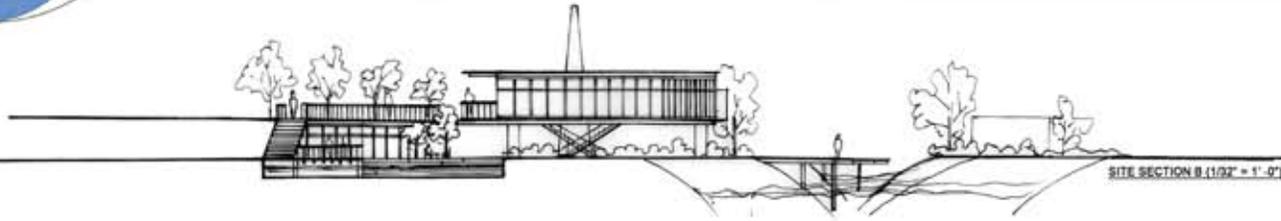


3 SPACIAL SEQUENCE

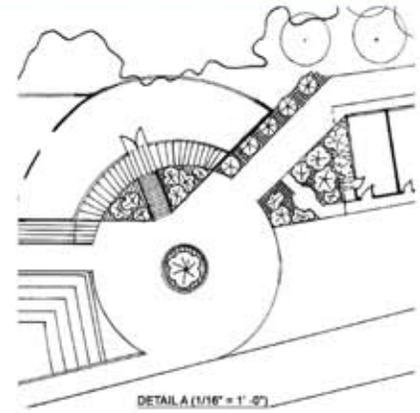
SITE PLAN (1/32" = 1'-0")

- 1 ARTISTS' APARTMENT
- 2 GALLERY
- 3 ARTISTS' STUDIO AND LEARNING CENTER
- 4 POOL
- 5 OUTDOOR RESTAURANT/ COFFEE AREA
- 6 RESTAURANT / COFFEE SHOP
- 7 SCULPTURE PARK / AMPHITHEATER
- 8 PUBLIC GATHERING





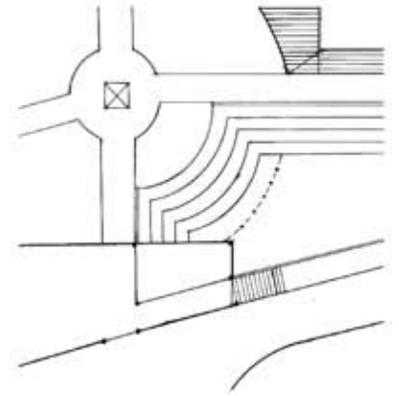
SITE SECTION B (1/32" = 1'-0")



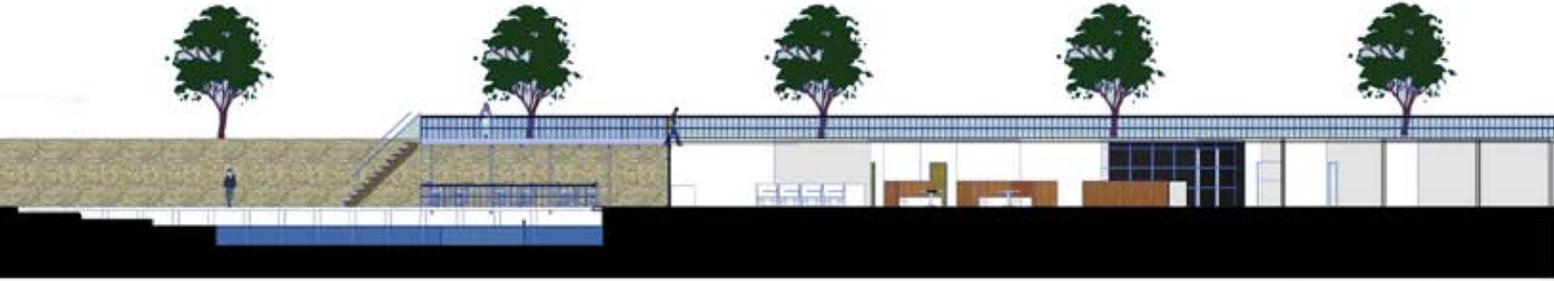
DETAIL A (1/16" = 1'-0")



COFFEE SHOP - NORTH ELEVATION (1/16" = 1'-0")



DETAIL B (1/16" = 1'-0")



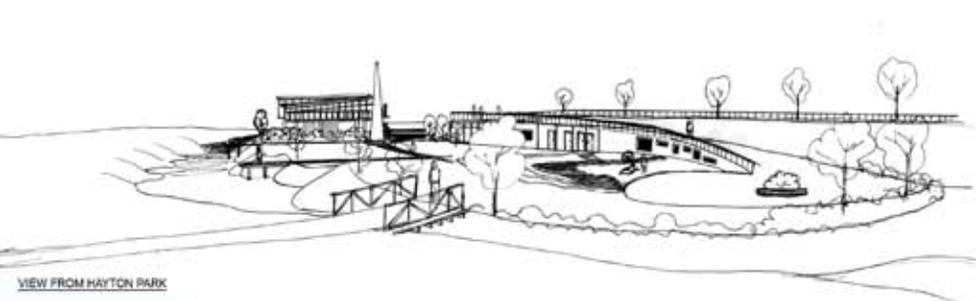
COFFEE SHOP - NORTH SECTION (1/16" = 1'-0")



GALLERY - SOUTH ELEVATION (1/16" = 1'-0")



GALLERY - EAST SECTION (1/16" = 1'-0")



VIEW FROM HAYTON PARK



VIEW FROM DOWNTOWN



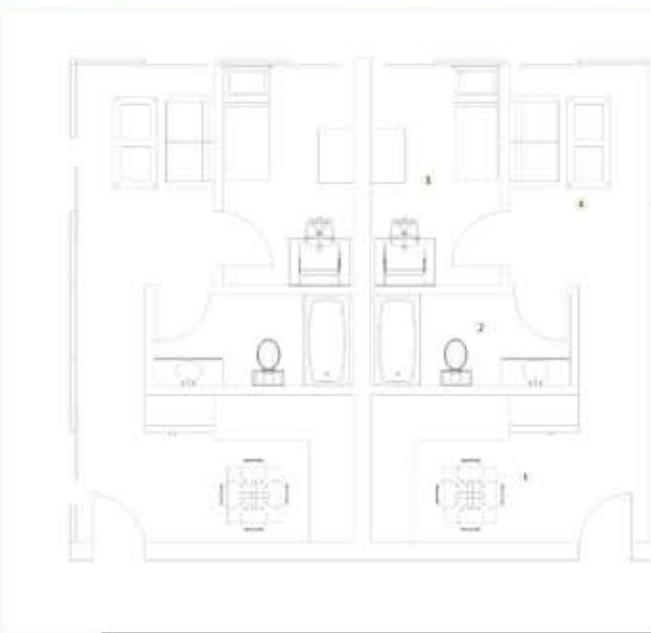
AT THE MAIN ENTRANCE



VIEW AT THE POOL AND OUTDOOR COFFEE SHOP

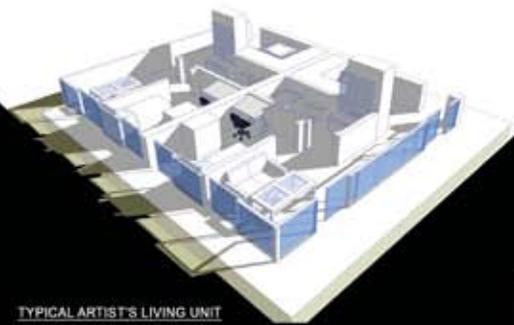


VIEW AT THE GALLERY FROM RESTAURANT'S ROOF TOP



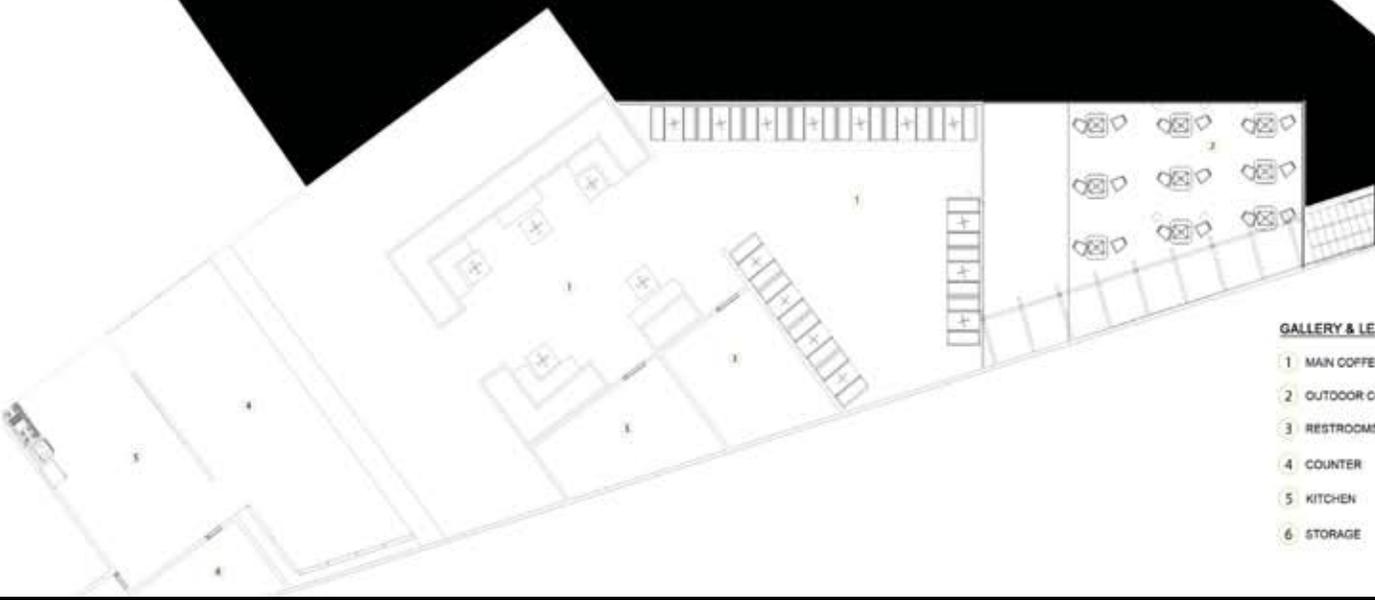
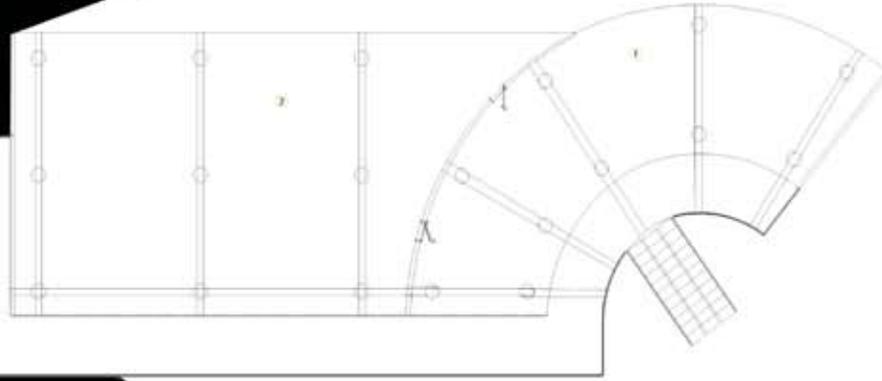
TYPICAL ARTIST'S LIVING UNIT

- ① KITCHEN
- ② RESTROOM
- ③ BEDROOM
- ④ LIVING ROOM



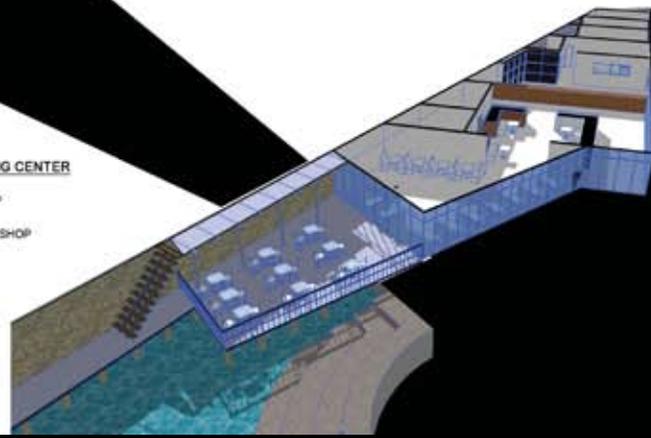
GALLERY & LEARNING CENTER

- ① GALLERY
- ② LEARNING CENTER



GALLERY & LEARNING CENTER

- ① MAIN COFFEE SHOP
- ② OUTDOOR COFFEE SHOP
- ③ RESTROOMS
- ④ COUNTER
- ⑤ KITCHEN
- ⑥ STORAGE

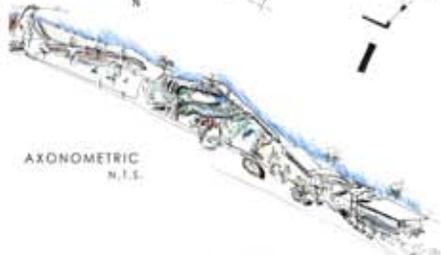


PALOUSE, WA Art Park

Process



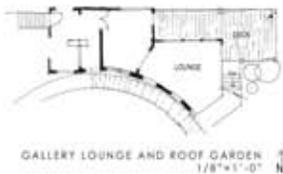
GALLERY SPACE
1/8" = 1'-0"



AXONOMETRIC
N.T.S.



EAST FACING PERSPECTIVE



GALLERY LOUNGE AND ROOF GARDEN
1/8" = 1'-0"



RESTROOMS
1/8" = 1'-0"



COURTYARD DETAIL
3/16" = 1'-0"



EASTERN COURTYARD PERSPECTIVE

Design Intent :

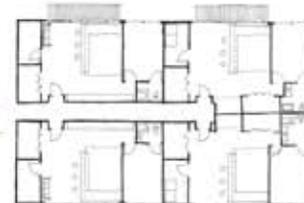
The site is located South of downtown Palouse where visitors are confronted with trailer homes as an introduction to the town known for the arts. This site becomes a gateway to this vibrant, artistic community and therefore should support just that. Creating space in the site that residents of the community would have opportunities to interact as well as learn and teach one another, a place of openness and welcoming to the town of Palouse.



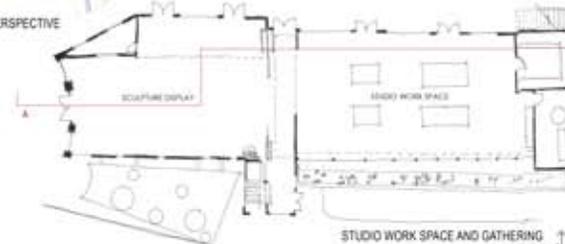
PERSPECTIVE TOWARDS EXISTING PARK



EAST ENTRY PERSPECTIVE



ARTIST STUDIO LAYOUT
1/8" = 1'-0"



STUDIO WORK SPACE AND GATHERING
1/8" = 1'-0"



SECTION A-B
1/8" = 1'-0"

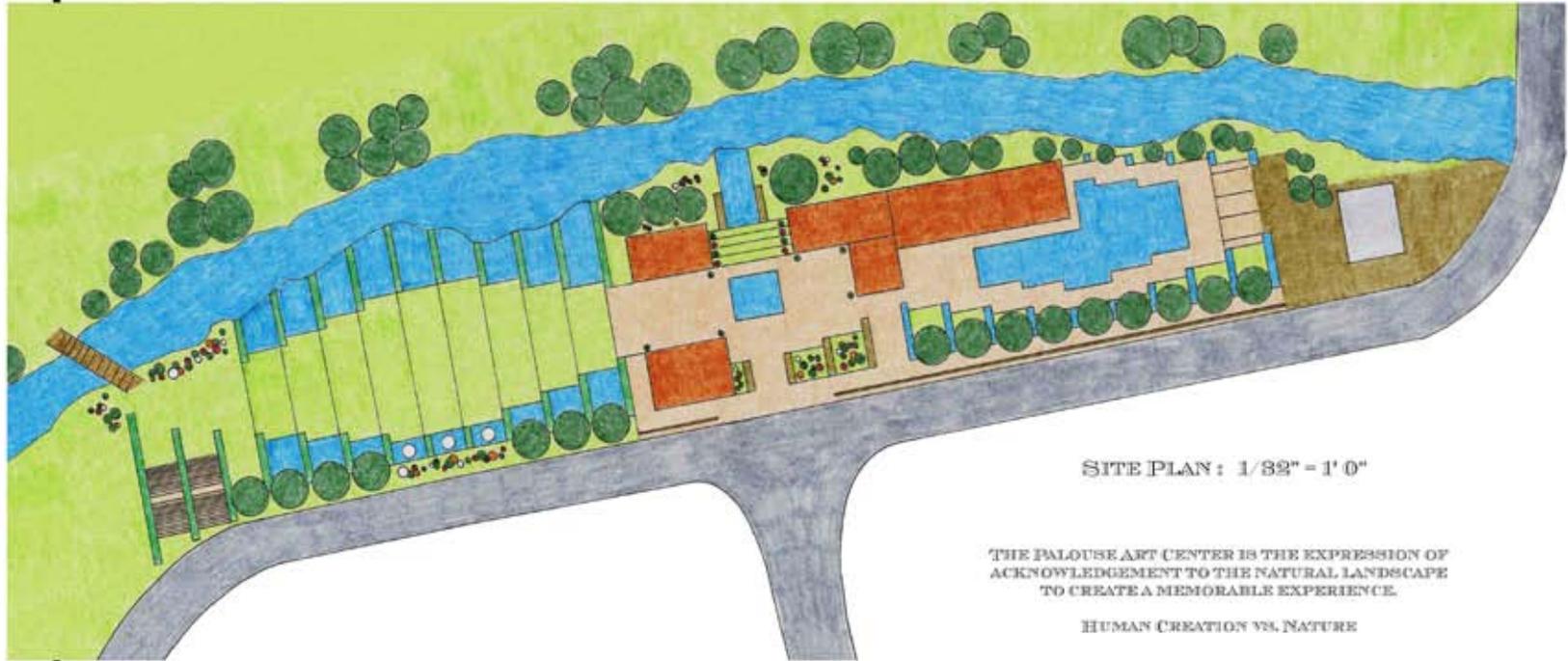


SITE PLAN
1/32" = 1'-0"

SECTION A-A
1/32" = 1'-0"



SECTION B-B
1/32" = 1'-0"



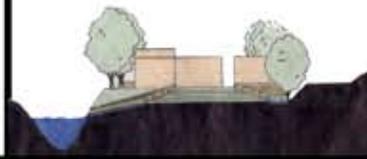
SITE PLAN : 1/32" = 1' 0"

THE PALOUSE ART CENTER IS THE EXPRESSION OF
ACKNOWLEDGEMENT TO THE NATURAL LANDSCAPE
TO CREATE A MEMORABLE EXPERIENCE

HUMAN CREATION VS. NATURE

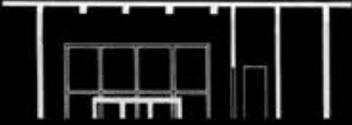
PALOUSE ART CENTER

SITE SECTION: 1/32" = 1' 0"

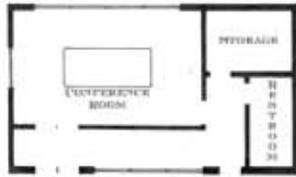


SITE SECTION: 1/32" = 1' 0"

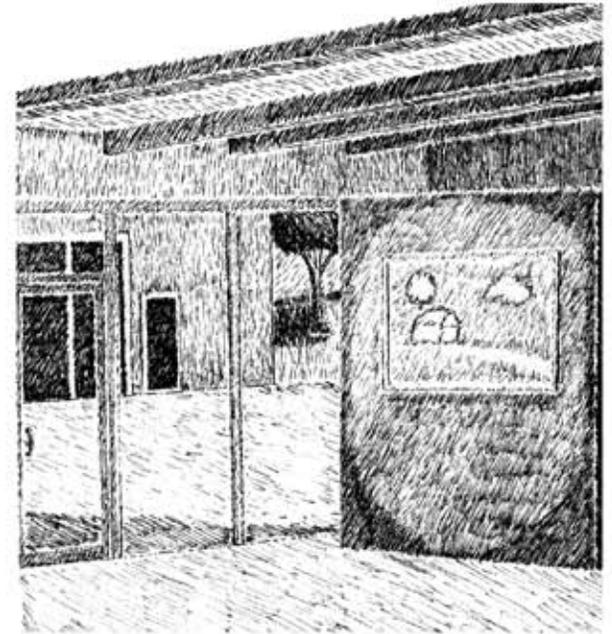




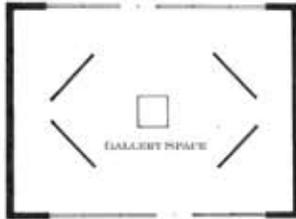
CONFERENCE ROOM
BUILDING SECTION



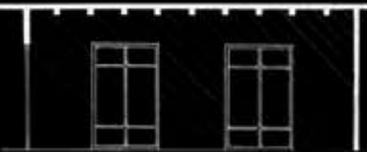
CONFERENCE ROOM
FLOOR PLAN



ART GALLERY
BUILDING SECTION



ART GALLERY
FLOOR PLAN



STUDIO
BUILDING SECTION

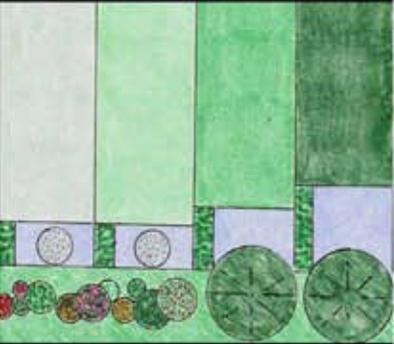


STUDIO/APT.
FLOOR PLAN

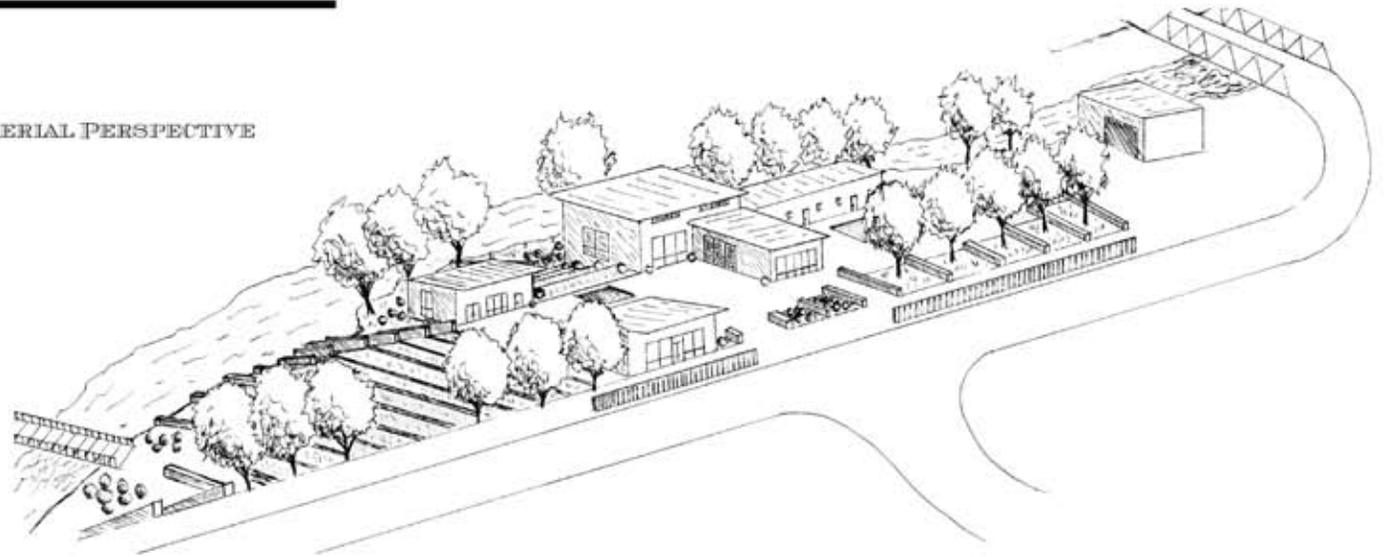


THE CENTRAL LOCATION OF THE ART GALLERY PROVIDES AN OPEN AND KEY FOCUS FOR THE SITE. AN OPEN PAVILION WITH THE SURROUNDING BUILDINGS PROVIDES A RELAXING AND ENCOMPASSING PERCEPTION FOR SMALL GATHERINGS DURING EVENTS. THE CENTRAL WATER FEATURE IN THE PAVILION PROVIDES A FOCAL POINT TO THE NORTH WHERE WATER FLOWS FROM THE UNDER THE GROUND DOWN INTO THE RIVER THROUGH A WATER PUMP SYSTEM. THREE LIVING UNITS LOCATED TO THE EAST OF THE STUDIO BUILDING ARE PROVIDED WITH A BACKSIDE VIEW OF THE RIVER AND DOWNTOWN PALOUSE, WHILE THE FRONT ENTRANCE LOOKS OUT ONTO A GEOMETRICAL WATER FEATURE THAT COULD DISPLAY SCULPTURAL ART PIECES. THE WEST END OF THE SITE IS ENCOMPASSED BY A GRASSY KNOLL RECREATIONAL ART PARK. THE PARK ENTRYWAYS ARE CONFINED TO AN EXTENT, WHICH THEN BEGIN TO OPEN GRADUALLY TO THE CENTER OF THE PARK. STEP DOWN LEVELS OF THE GRASS STRIPS MEET THE NECESSARY SLOPE CONDITIONS OF THE CURRENT SITE.

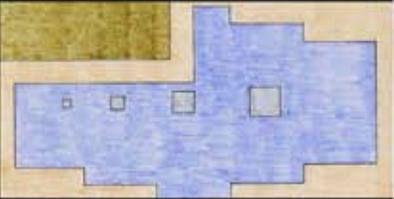
PERSPECTIVES/
DETAILS



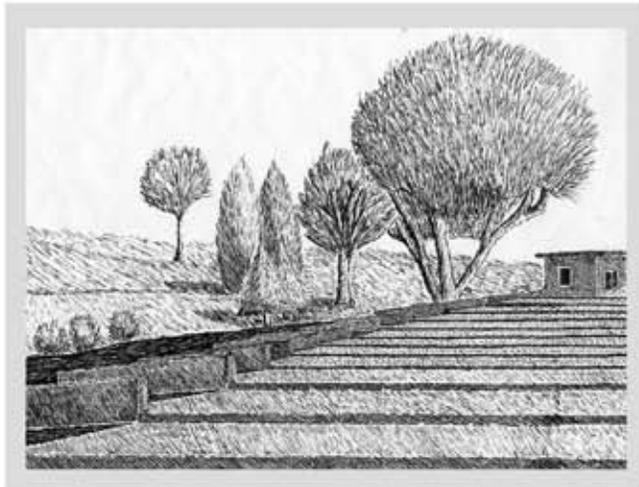
AERIAL PERSPECTIVE



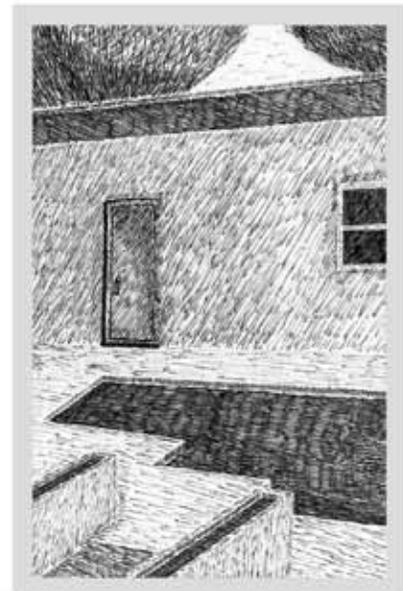
GRASSY KNOLL RECREATIONAL
ART PARK - ART INSTALLATION
AREA



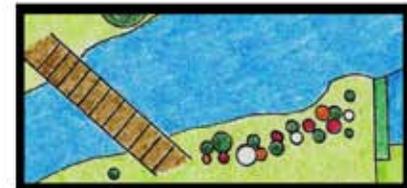
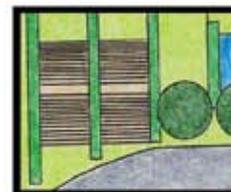
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KEY SPACES WITHIN
THE CONTEXT OF THE
ART CENTER



Thank you.