

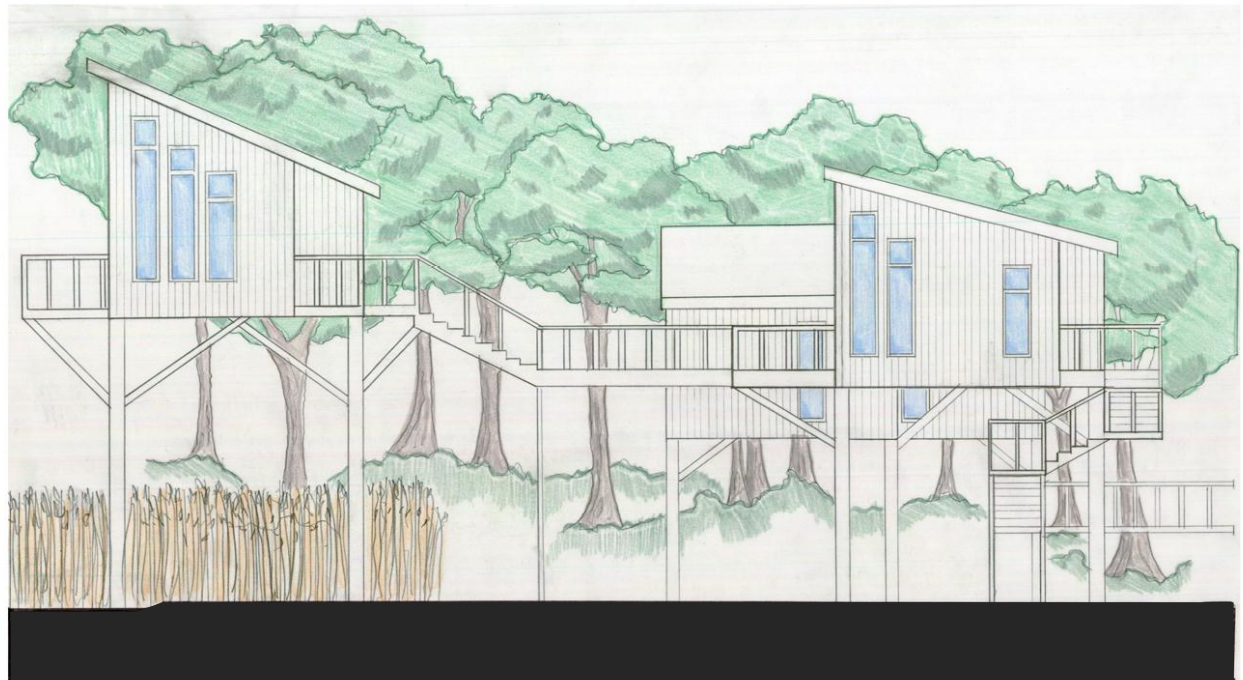


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Project	Class	Year
• High Pond Research Retreat	Design Studio, Prof. Meg Calkins	2003
• The Grand Hotel	Urban Design Studio, Prof. Keddy Hutson	2004
• St. Louis Ballet Center	Urban Design Studio, Prof. Keddy Hutson	2004
• Ambulatory Care Center	Healthcare Design Studio, Prof. Kathryn Anthony	2005
• Graduate Thesis Project: Youth Mental Health Center	Advisor, Robert Selby	2007 - 2008

Sample Artistic Pieces

- Whispering Trees Acrylic Painting
- Lake and Landscape Watercolor Sketch
- Field & Stream Acrylic Painting
- Still Life, Fruit and Flowers Watercolor Painting



South Elevation



Project: High Pond Research Retreat

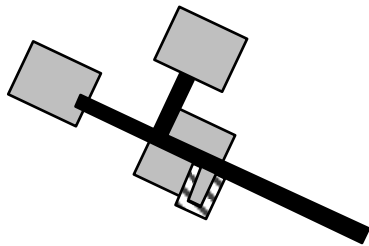
Professor: Meg Calkins

Year: 2003

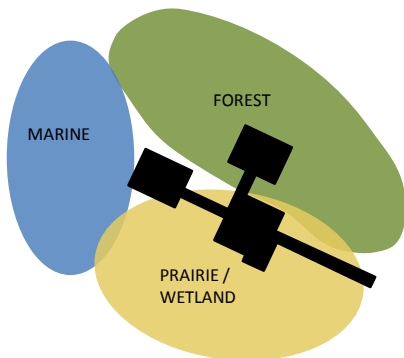
Summary:

The research retreat is a combined home / office for the use of two visiting researchers studying the ecology of Kickapoo State Park's High Pond. The retreat is intended to have a tree house like attitude, mimicking the verticality of the adjoining forest, allowing for a minimal footprint, and emphasizing views of the surrounding areas.

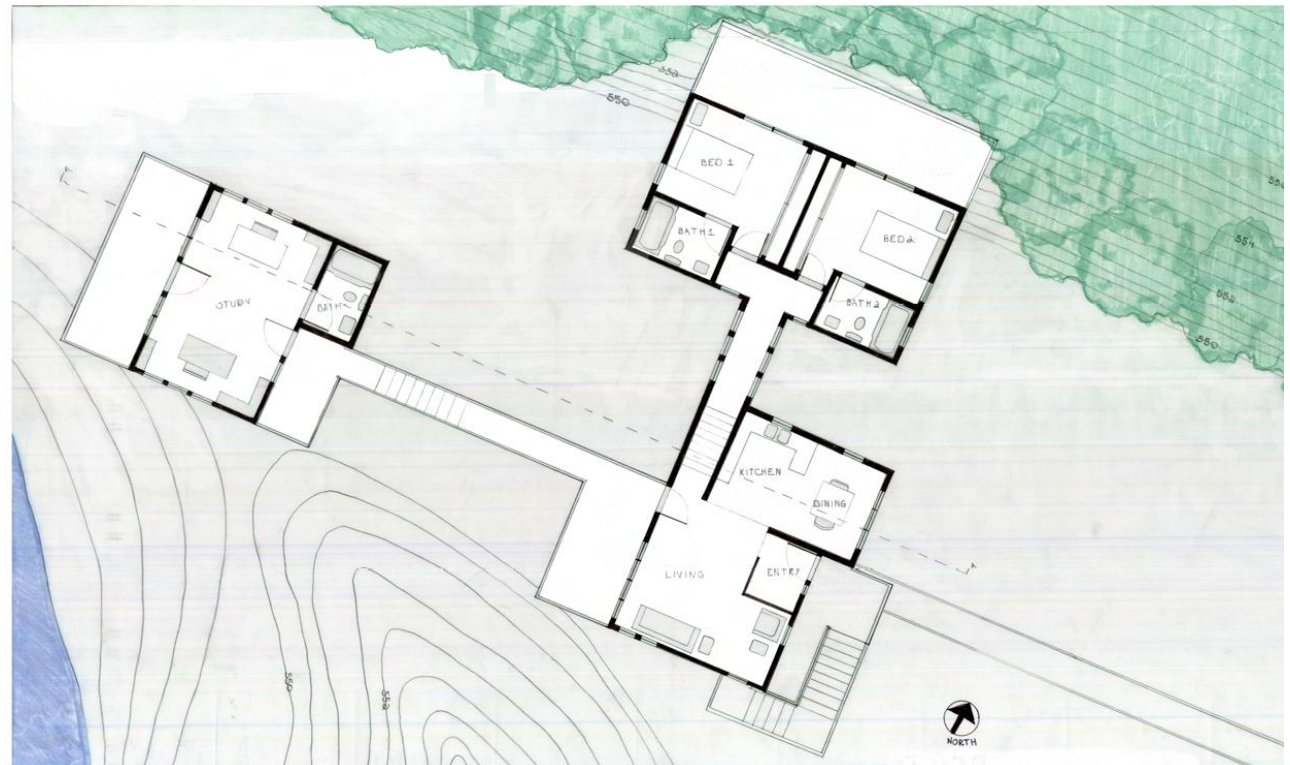
An axis is used to emphasize the convergence of the three ecosystems which the researchers would study. Each section of the retreat focuses on one terrain type, so that the researchers may contemplate the ecosystems individually or as a fluid whole as they move throughout the building.



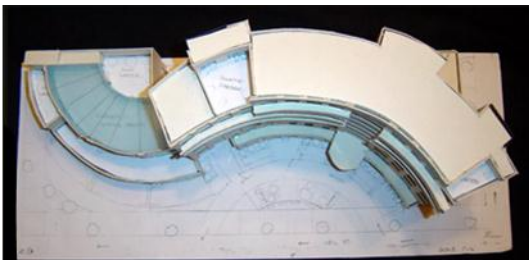
Circulation / Axis



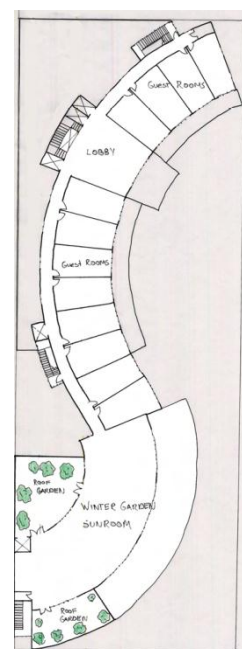
Convergence of Ecosystems



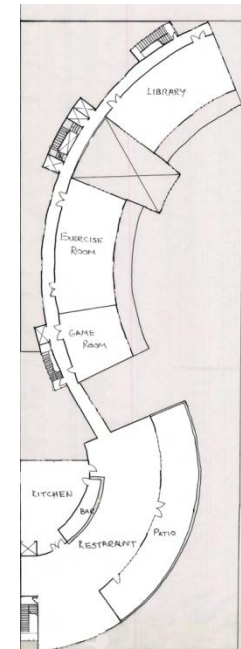
Floor Plan



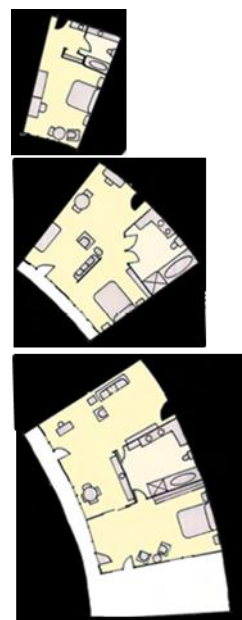
Ground Floor Plan



Second Floor Plan



Third Floor Plan



Typical Room Layouts



Building Section

Project: The Grand Hotel

Professor: Keddy Hutson

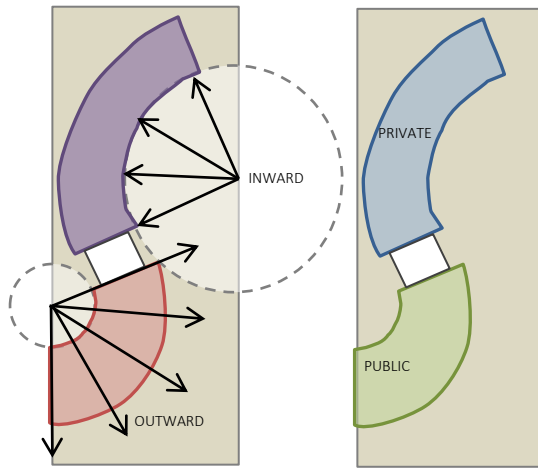
Year: 2004

Summary:

For this project, the challenge was proposed to design a large “Grand Hotel” on a parking lot site in downtown Champaign, IL and present options to local city council representatives.

The hotel contains retail stores, a restaurant, and other public amenities.

The proposed design of the Hotel is a serpentine “S” shape, with the Southern portion a three story public zone containing retail and commercial space, facing out towards a heavy pedestrian zone. The restaurant utilizes a second floor balcony overlooking the other downtown nightlife. The Northern section contains nine floors of hotel space with views of the vibrant downtown areas (East and South), avoiding overlooking dilapidated buildings North and West of the site.



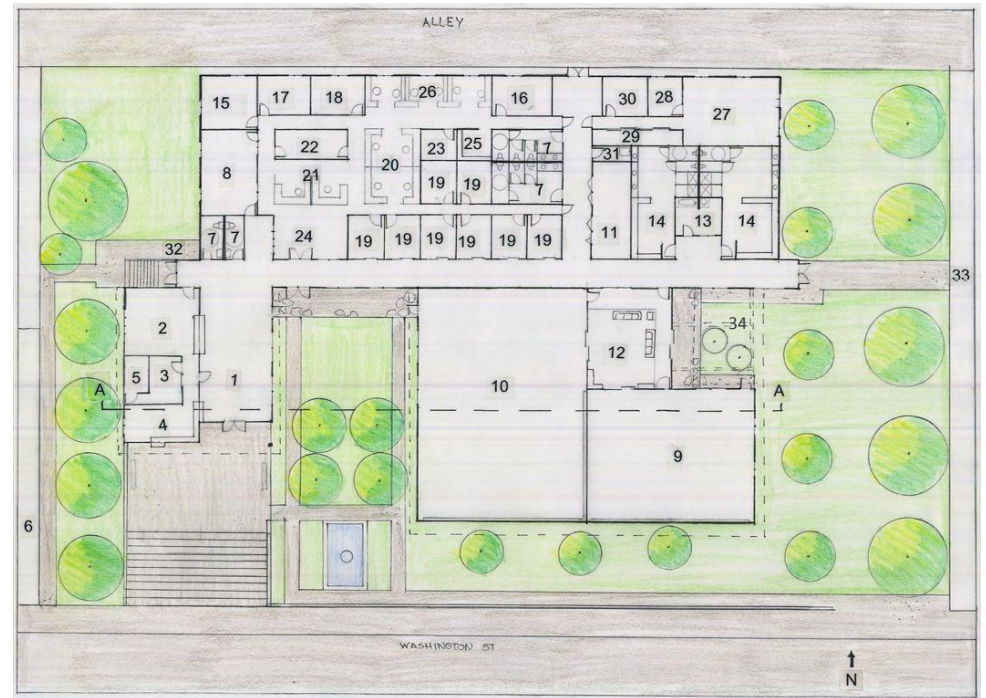
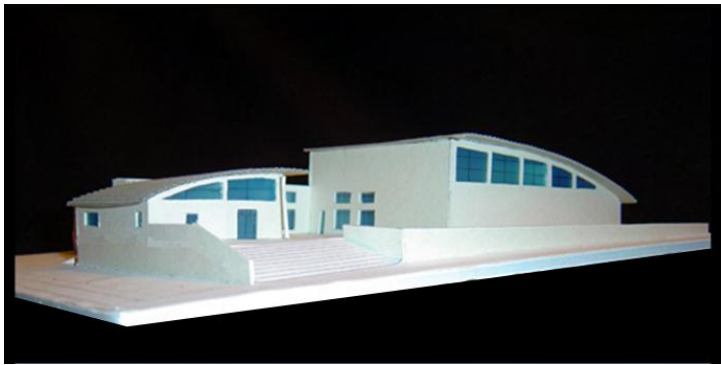
Focus

Public / Private



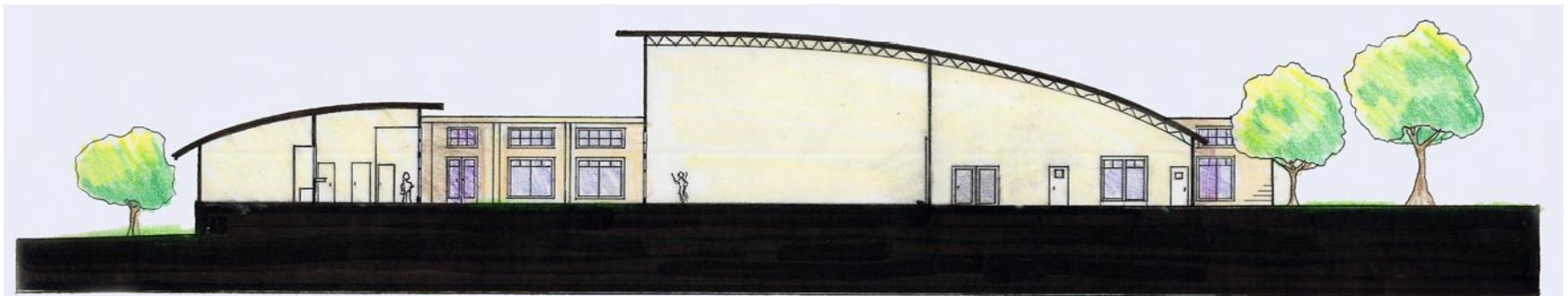
South Elevation

East Elevation



Floor Plan

- | | | | |
|----------------------|--------------------------|----------------------|-------------------|
| 1. Lobby | 10. Larger Studio | 19. Faculty Offices | 27. Costume Shop |
| 2. Reception | 11. Storage | 20. Interns | 28. C.S. Office |
| 3. Office | 12. Lounge | 21. Admin. Assistant | 29. C.S. Supplies |
| 4. Box Office | 13. Physical Therapy | 22. Admin. Files | 30. C.S. Storage |
| 5. Vault | 14. Locker Rooms | 23. Supplies | 31. Janitor |
| 6. Existing Building | 15. Director | 24. Admin. Lobby | 32. Mech. (Below) |
| 7. Restroom | 16. Administrator | 25. Break Room | 33. Parking |
| 8. Conference | 17. Artistic Coordinator | 26. Direct Sales | 34. Garden |
| 9. Small Studio | 18. Artistic Director | 27. Costume Shop | |



Section A-A



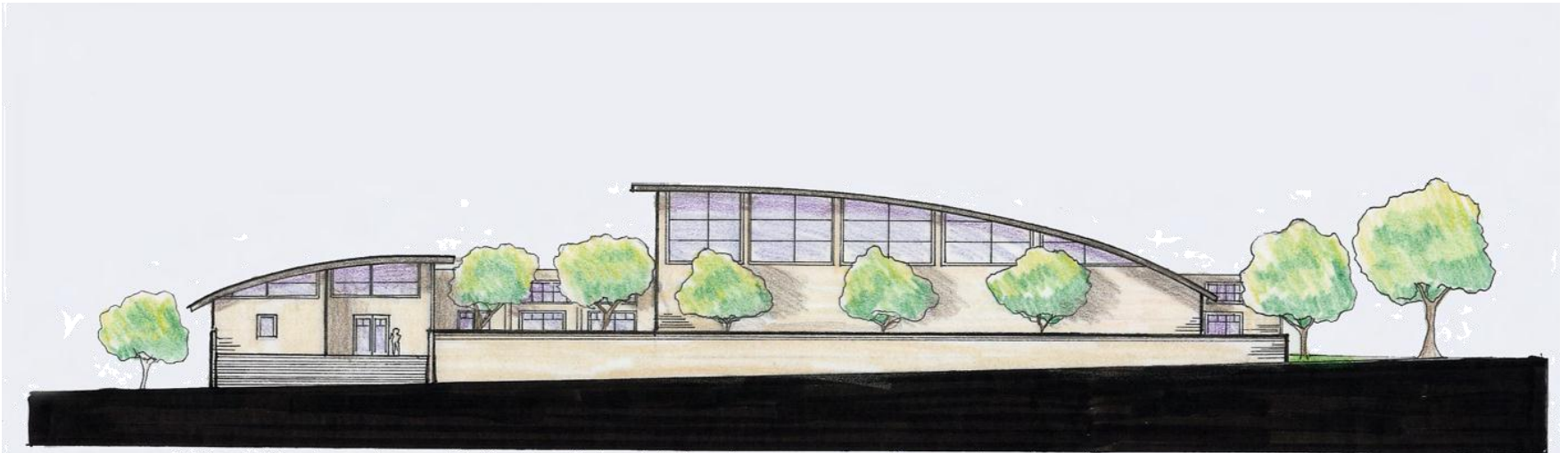
View from North

Project: Ballet Center
Professor: Keddy Hutson
Year: 2004

Summary:

Sited in St. Louis' Grand Center arts district, this ballet center sits at the junction of traditional and modern styled buildings along Washington St. The program for this project was to design a building with a civic attitude that would be used for private dance classes, occasional events, and as a public dance community center for the region.

The final design proposal separates the administrative areas from the dancer's areas by a wide, well-lit corridor "Street" from which instructor's offices, a viewing window for the dance studio, and lounges are easily accessed. Outdoor gardens in front provide a pleasant destination for the public and overflow event space, while dancers enjoy a shaded, private patio of their own in which to relax between classes.



View from Campus Approach



South Elevation

Second Floor Departments:

- Health Resource Library
- Women's Health Center
- Child Care
- Chapel
- Ambulatory Surgery
- Heart Institute



Second Floor Plans



First Floor Plans



South Elevation

South Elevation Key:

- 1) Loading Dock Overhead Door
- 2) Standing Seam Metal Roof
- 3) Hi-Span Structural System w High Performance Glazing
- 4) Outdoor Patio Area
- 5) Roof Garden w Trellis, off Chapel
- 6) Landscape Planter

Exterior Finishes Inspiration



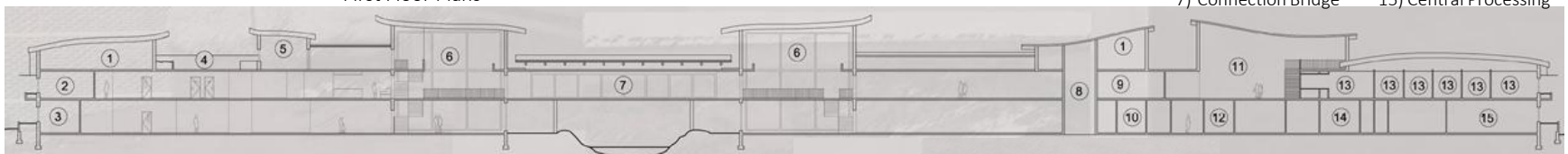
Exterior Finishes Concept:

- African Cedar – used for highlighting trim and structural elements
- Oregon Pine – Exterior Plank Cladding

Section (Below)

Section Key:

- | | |
|-------------------------|------------------------|
| 1) Storage / Mechanical | 9) Chapel |
| 2) Mammography | 10) Medical Records |
| 3) Linen | 11) Landscaped Atrium |
| 4) Roof Garden | 12) Reception |
| 5) Covered Pavilion | 13) Prep / Recovery |
| 6) Atrium | 14) Lab |
| 7) Connection Bridge | 15) Central Processing |



Section



Exterior Perspective from Southwest

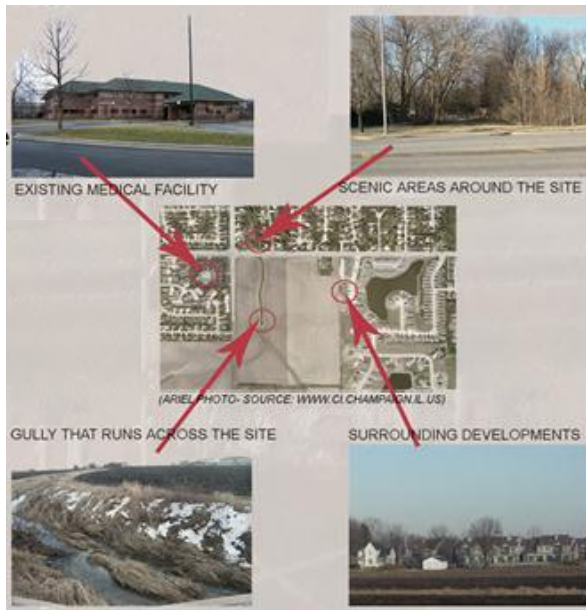
Project: Ambulatory Care Center – Group Project

Professor: Kathryn Anthony

Year: 2005

Summary:

This project focused on researching environmental and sustainable design concepts and then applying them to the design of an ambulatory care center located in Champaign, IL. The final design incorporates elements such as a healing garden, pervious paving, native vegetation, and ample exterior paths and gathering areas. Natural materials are used for interior and exterior finishes, and artwork is distributed throughout the building and site. The building footprint is broken into two sections, reducing the scale of the building massing and allowing for separation of clinical functions.



Existing Site Analysis

The existing site is comprised of gently sloping farmland with a gully traversing the site. To the North and East are 1-2 story residential areas, to the west is an existing 2 story medical office building. The proposed design should respect the pedestrian traffic of the area, and provide scenic site amenities available for community use.

Site Landscape Features:

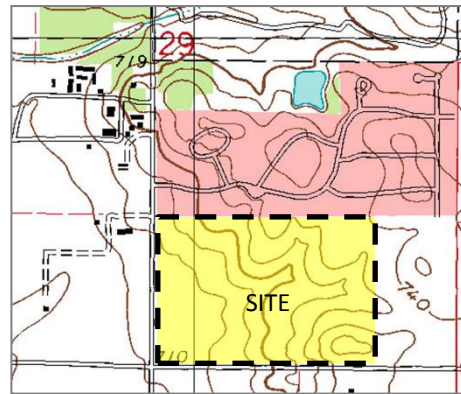
- 1) Native Riparian Vegetation
- 2) Fountains
- 3) Picnic Areas
- 4) Benches & Seating
- 5) Pond (Healing Garden Focus)
- 6) Recirculating Waterfall
- 7) Bridges across Gully and Pond
- 8) Community Bike & Pedestrian Path
- 9) Outdoor Sculpture
- 10) Pervious Parking



Master Plan & Landscaping



Site Plan



Site Location & Topography



View of Site from Race St.

Site Concept:

The existing site slopes down gently to the west, with a gully traversing the site from East to West. The proposed site diagram utilizes earth-integrated exterior walls to reduce the visible impact of the building, provide sheltering and redirecting of harsh winter winds, and moderate the interior temperature of the facility. This continues around through the south side of the site, where berms and landscaping create privacy from the street.

Against the berm, a retaining wall, pavilion, and pergola bound the southern edge of the courtyard providing a sheltered, private retreat. The inner courtyard, North of the gully, is intended as a more active space for residents to socialize, perform, and play. The West section of this area, intended for older children and teens, provides walking paths, benches, open space for games, and features a small performance circle. The East section, separated by a berm, is intended for younger children. This area features a playground, sandbox with water feature, and an area for activities.



North Elevation



View of North Entry

Project: Graduate Thesis:

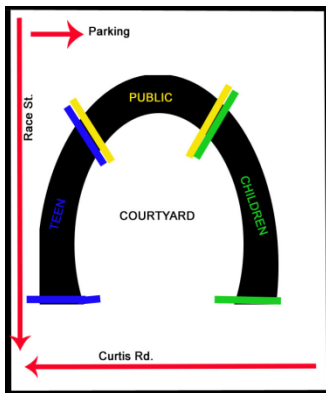
Designing for Healing: A Youth / Adolescent Therapy Center

Professor / Advisor: Robert Selby

Year: 2007-2008

Summary:

The intent of this thesis was to research and design a youth and adolescent mental health center that provides therapy for children and teens experiencing behavioral issues, depression, recovery from self-injury, or other mild disorders requiring a short term residency. Goals included supporting a healing environment through design and material selection, providing a sense of privacy and respite from the surrounding community, encouraging access to nature, exploring sustainability principles, providing varying space types to support choice of interaction level, and creating spaces that support clients and staff.



Parti

Diagram:

A "U" Shaped parti was conceived of as the conceptual diagram. This shape allows for many advantages on this site: Access to Southern light exposure, creating a courtyard for outdoor recreation, providing privacy, and creating separate zones for children and teenage user groups. The open area of the diagram faces south but is visually blocked from Curtis road through the use of earth berms and landscape techniques.

Spatially, the diagram is divided so that public, communal spaces, counseling offices, and administrative areas are located near the entrance at the top of the "U". One leg of the diagram contains the teen bedrooms, classrooms, lounge, and meeting areas, with some services, the other designated for younger children with bedrooms, play areas, and play-oriented therapy rooms. Capping each wing is a 'special event' space for each age group.



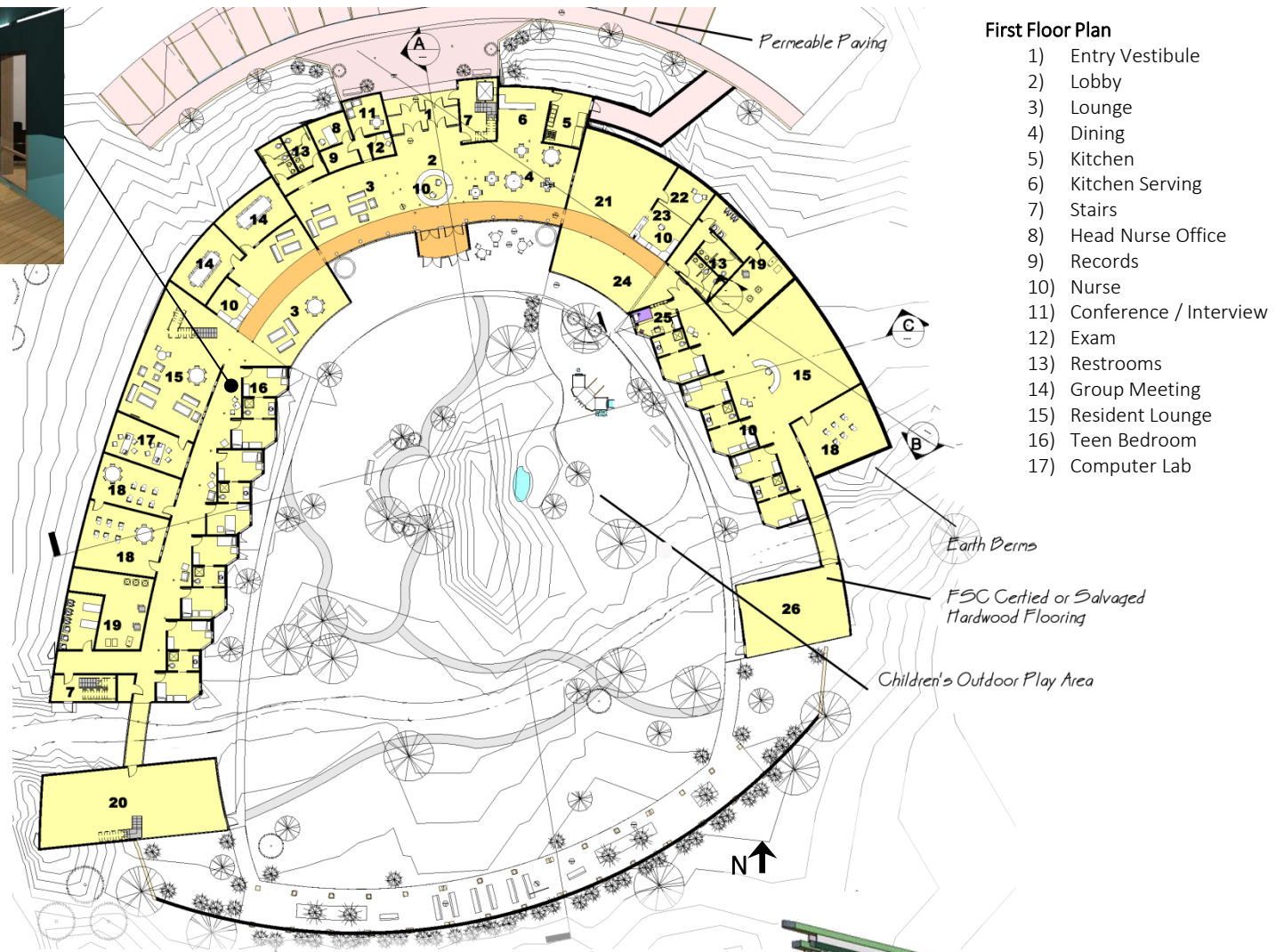
View of North Entry



South Elevation



Internal Corridor



East Elevation

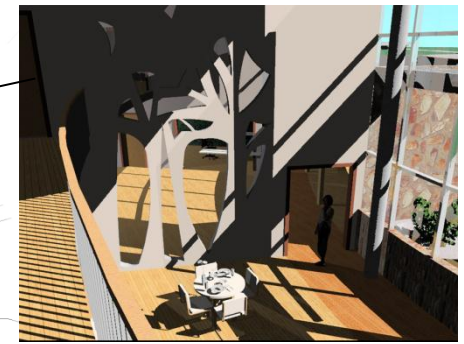
Second Floor Plan

- 18) Classroom
- 19) Service
- 20) Teen Special Event
- 21) Children's Play Area
- 22) Play Therapy Room
- 23) Observation
- 24) Children's Play / Lounge
- 25) Children's Bedroom
- 26) Children's Special Event
- 27) Counseling Suite
- 28) Patio
- 29) Office
- 30) Administrative
- 31) Kitchenette
- 32) Break Room
- 33) Staff Lockers

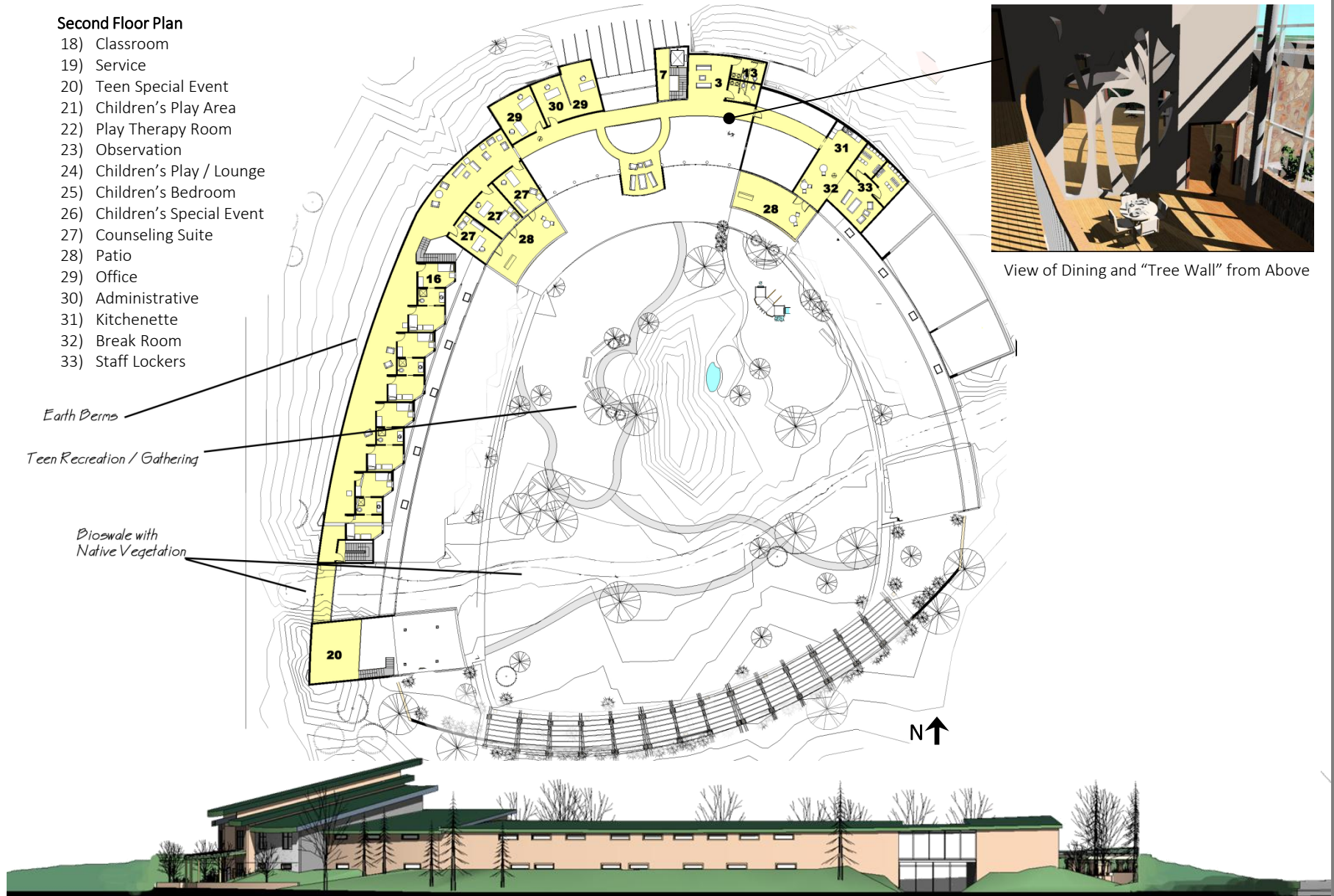
Earth Berms

Teen Recreation / Gathering

*Bioswale with
Native Vegetation*



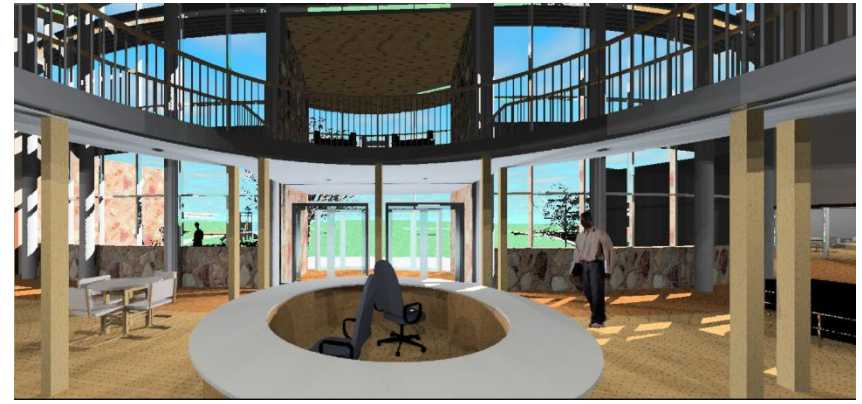
View of Dining and "Tree Wall" from Above



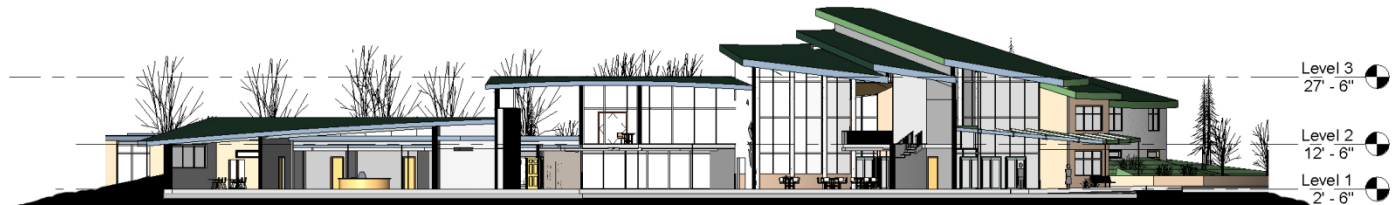
West Elevation



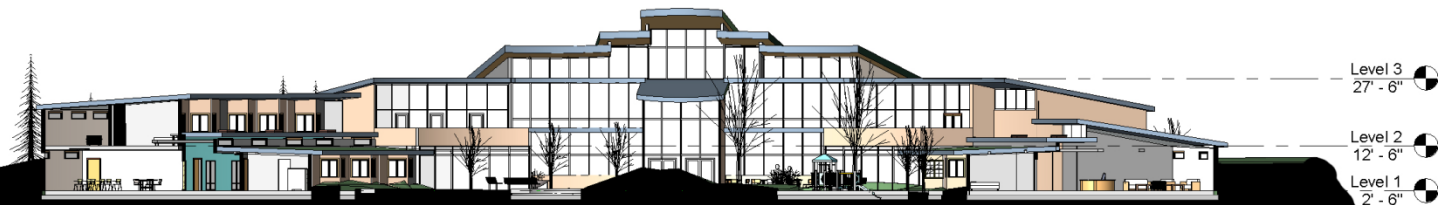
Dining Area / Reception



Reception and Main Lobby



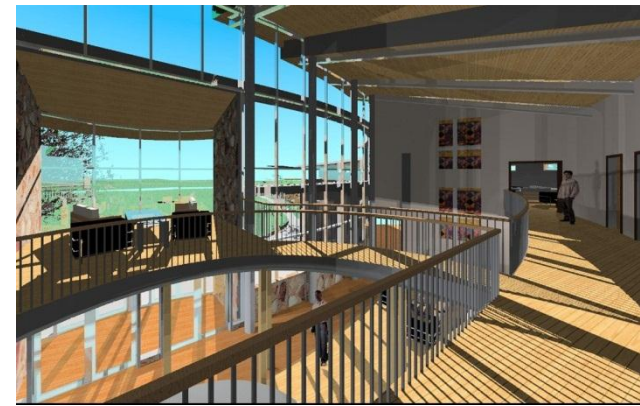
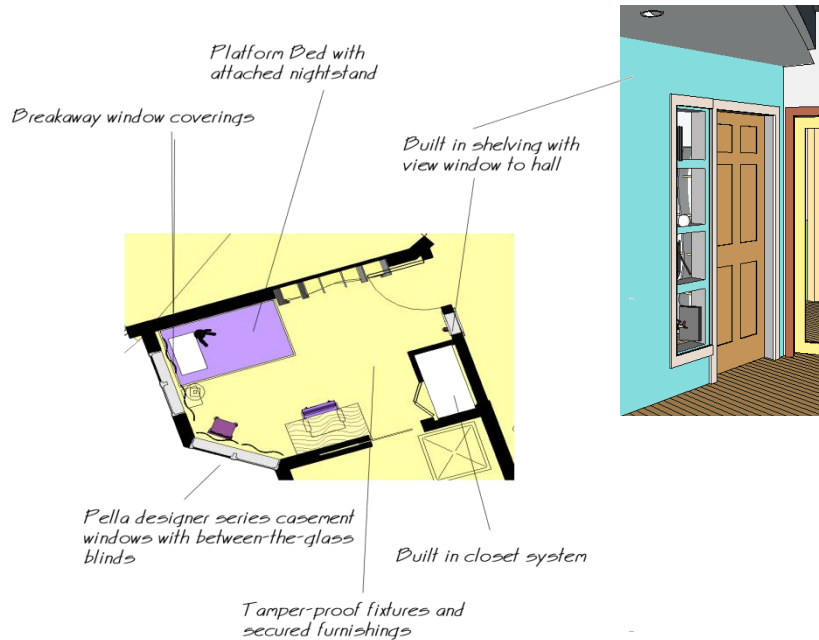
Section 'B'



Section 'C'

Typical Bedroom :

The bedrooms feature bolted down furniture, built in shelving, and features such as Pella “Between the Glass” window shades which support both safety and personal design options. Each bedroom also has a viewing window/ shelf unit between it and the corridor, which can be transparent or translucent for security, yet offers the user a chance to personalize the entrance to their space



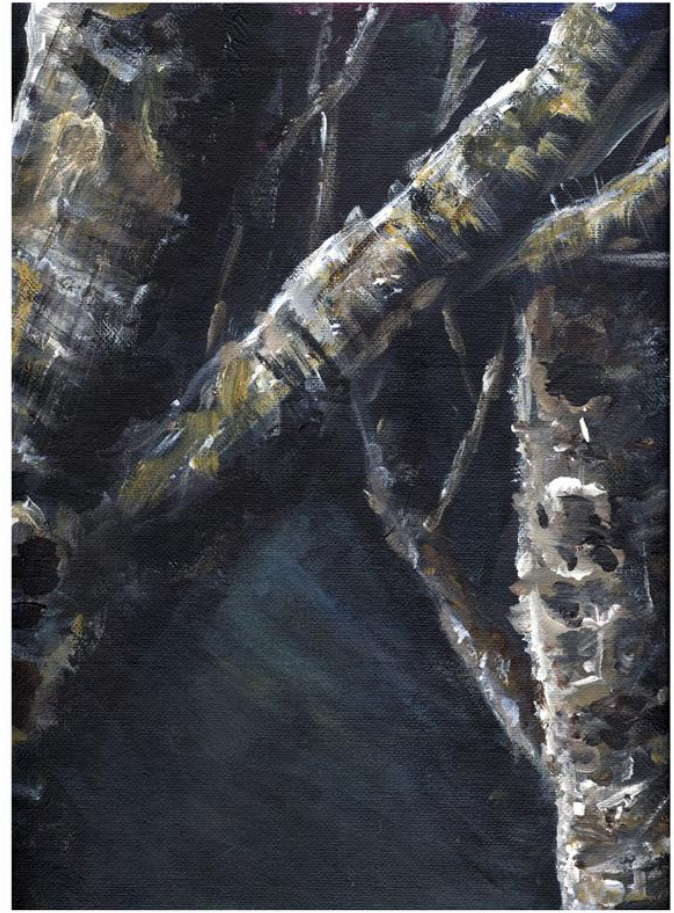
“Eagles Nest” Lounge and Upper Corridor



Children's Indoor Play Area, with “Tree Wall”



Name: Whispering Trees, Diptych
Media: Acrylic



Name: Lake and Landscape - Sketch
Media : Watercolor



Name: Field & Stream

Media: Acrylic



Name: Still Life, Fruit and Flowers

Media : Watercolor

