

DESIGN BUILD: PEACE GARDEN PROPOSAL 2: FLOATING CLOUD

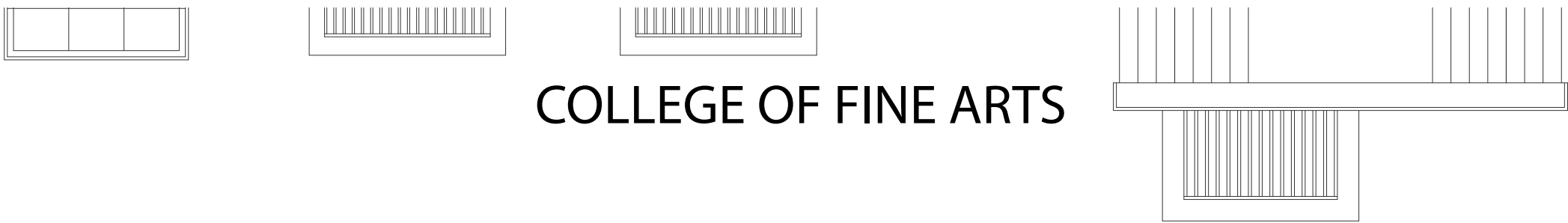
Eesha Nagpal, Quishi Chen, Esha Shah, Ken Huang, & Pretish Anjekar

Project Brief: Inspired by the musicians playing on the deck, we wanted to create a space that would allow for performances and events to happen. Making the deck the focal point, we propose two wooden pergola structures with canvas hanging from them directing peoples attention to the stage/deck. The canvases were inspired by Barbouni a restaurant on the beach, Part of the Costa Navarino Resort, Navarino Dunes designed by K-STUDIO as seen in the image on the right. The waterproof canvases would create a unique auditory environment, alsong with acting a a natural shading. Given the need for more seating we wanted to build the benches that were intended in the last design build underneath the cone-shaped pergola that faces the deck to create shade and covering. Likewise we wanted to add seating to the deck so we propose an undulating screen that attaches to the deck and will include two new benches and then is attached the pergola structure. The structural elements would all be made of black locust, however as displayed below various joint and connection methods would be needed.

We believe that this proposal will make the Peace Garden an even attractive location for students, musicians, staff and the greater Pittsburgh Community to enjoy, as it offers more shading, and seating. Especially, with the varying weather conditions all year, shading and covering is crucial for outdoor spaces.

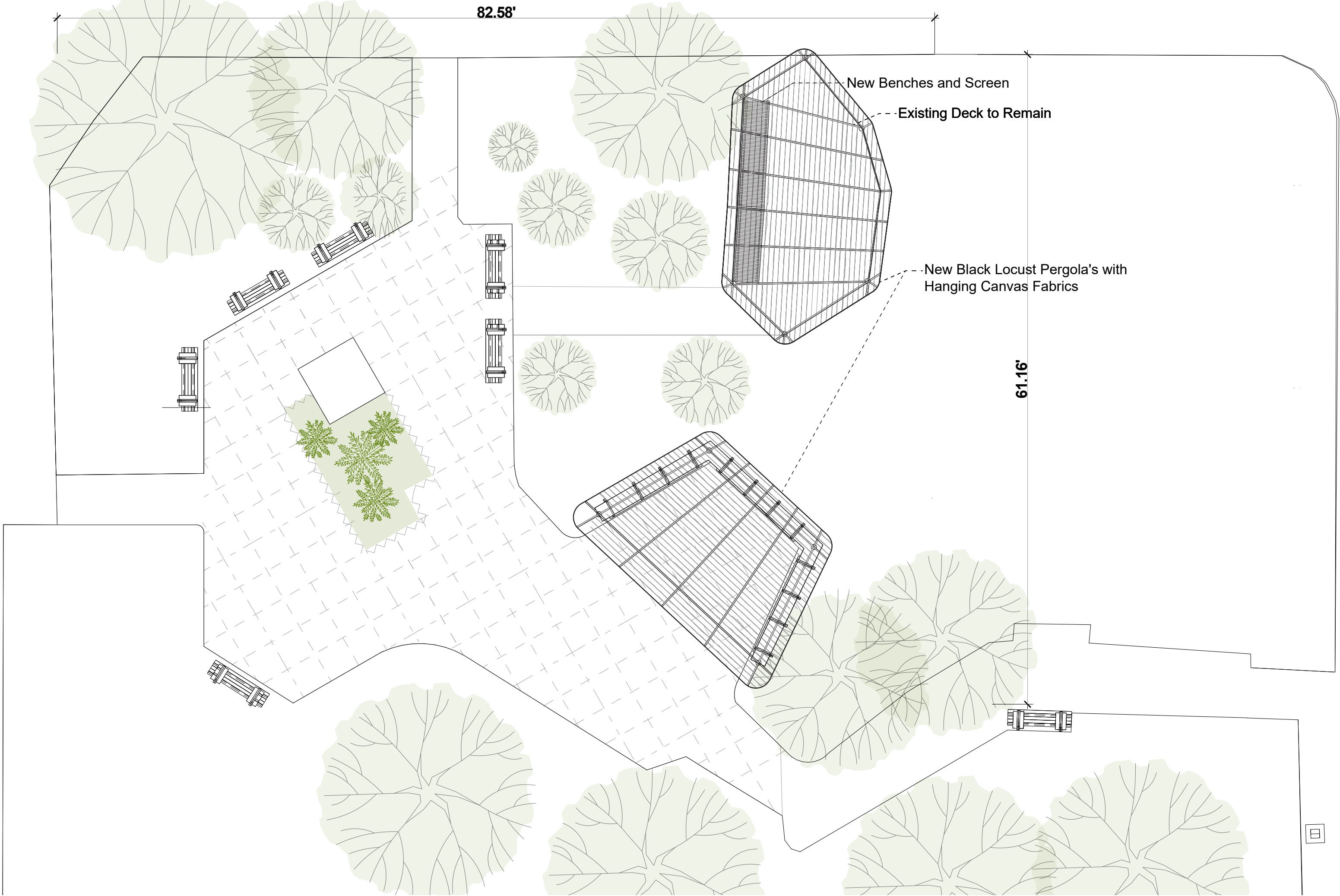


K- STUDIO Project: Barbouni Interior View



COLLEGE OF FINE ARTS

HALL OF ARTS



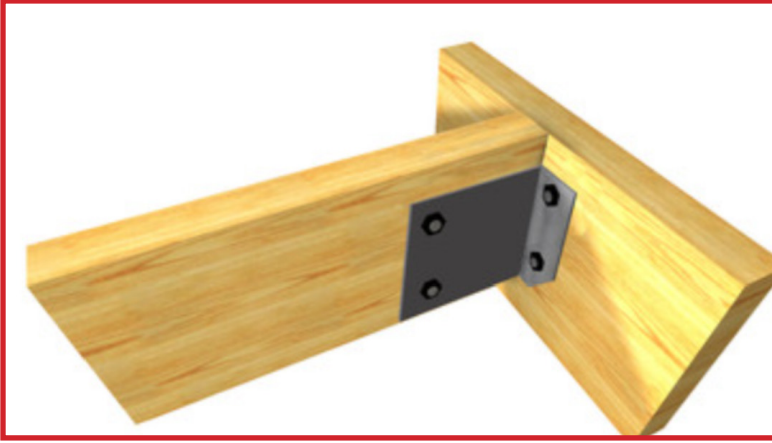
Plan

Renders

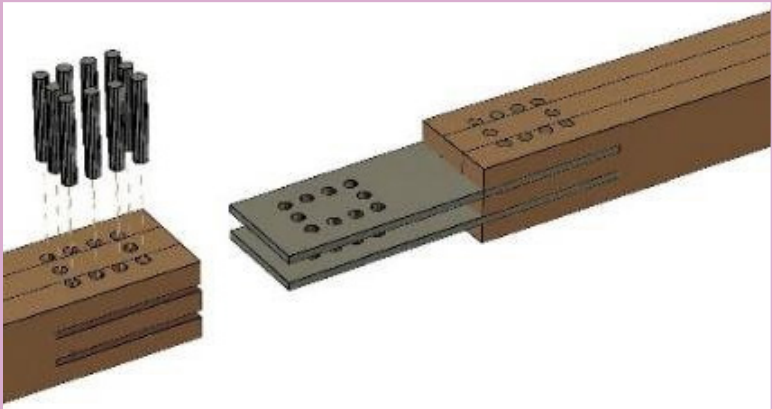
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South East View of Pergola Structure in Explode Axonometric



Black Locust Beam to Beam Connections using steel plates



Marine-ply Laminated FilletCurve Corner to Beam Connections using steel plates



Jakobs Ropes to Heavy Weight Waterproof Canvas Connections using Metal Anchors



Jakobs Ropes to Marine-ply Outer Ring Connections using Metal Anchors
& Post-tensioned by Fasteners



Posts to Beam Connections using T Steel Plates



Posts over existing Foundations Connections using Helical Piles

