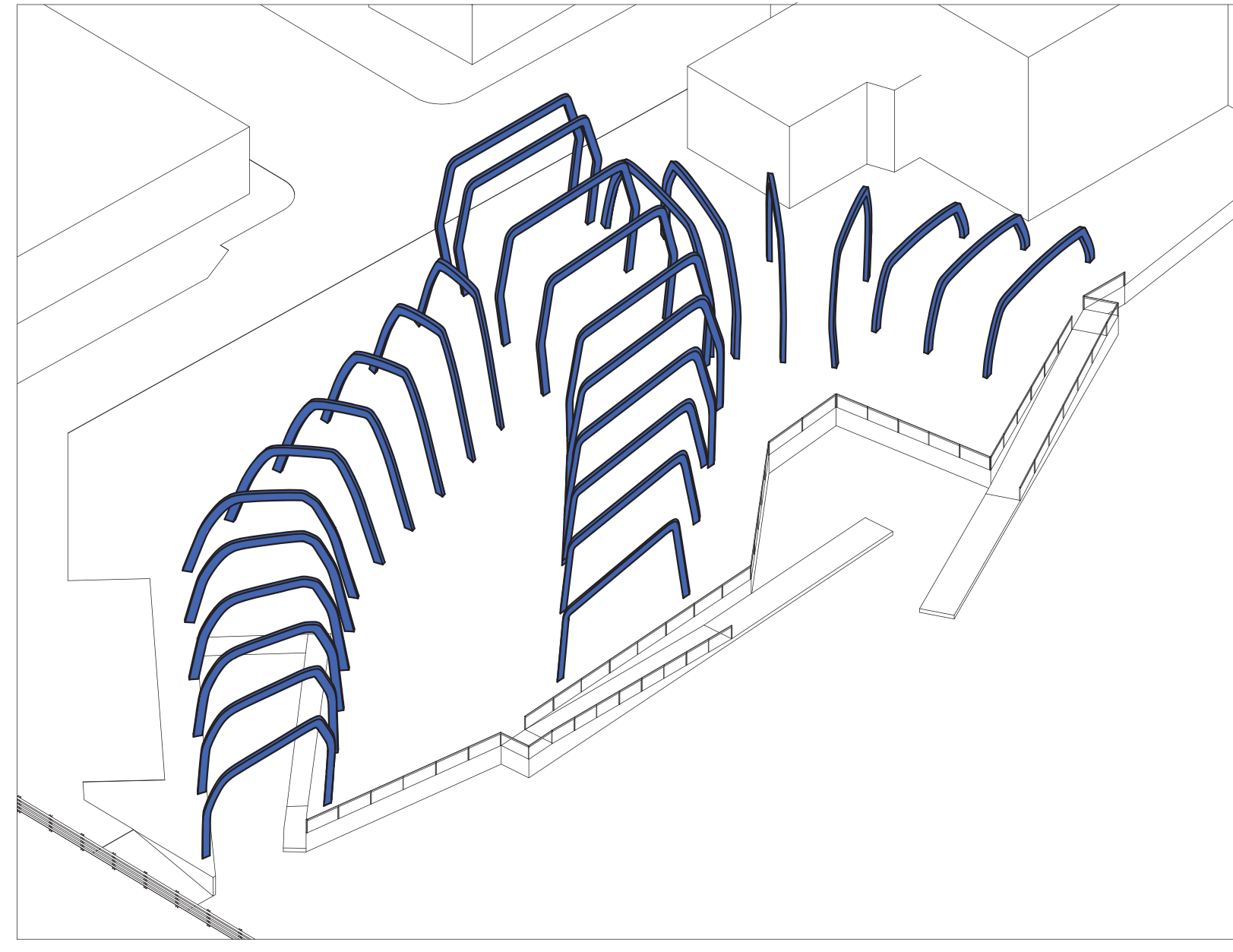
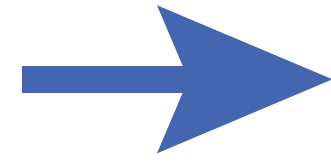


CONNECTIONS: A NORTH TONAWANDA BOATHOUSE



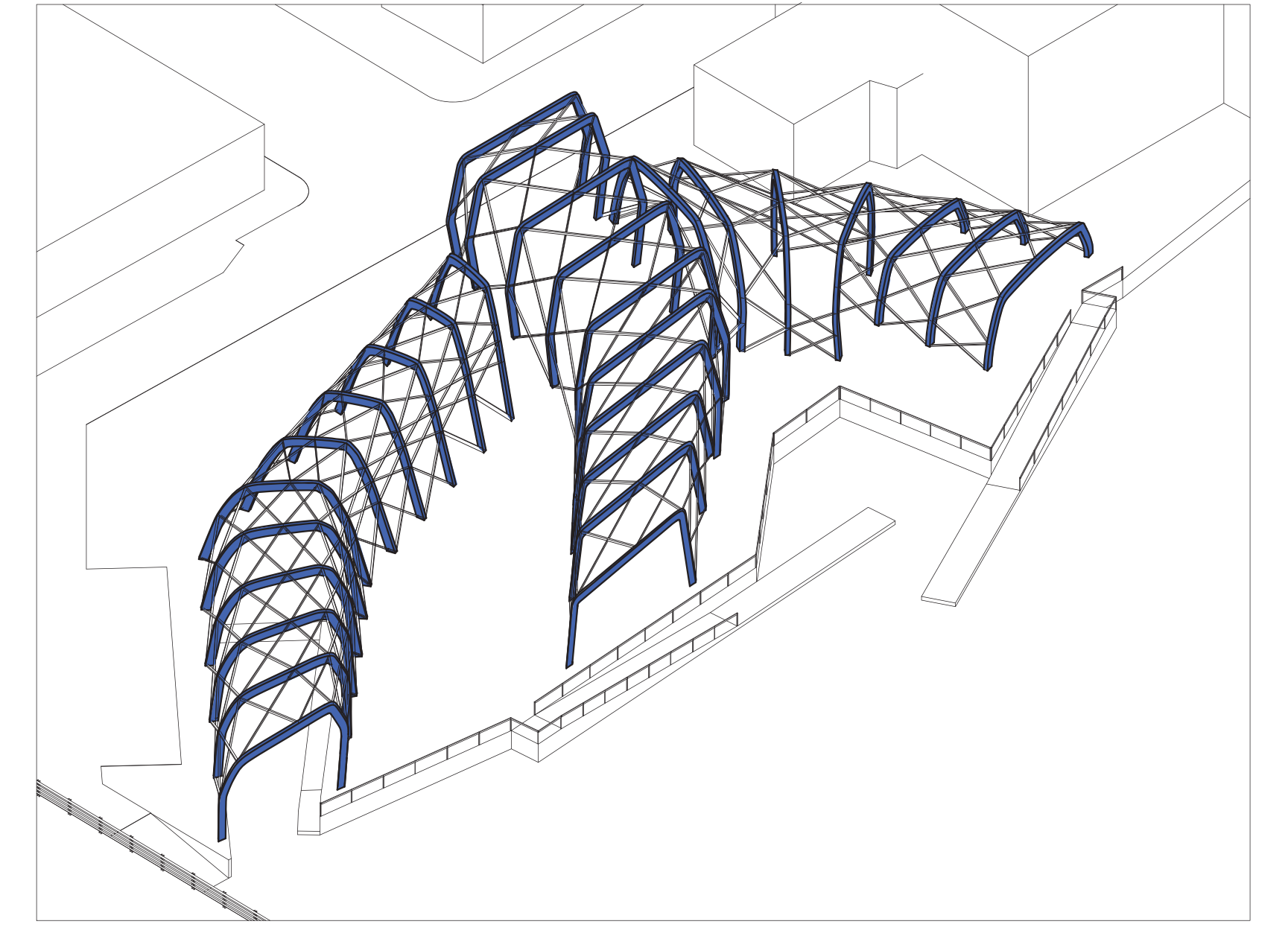
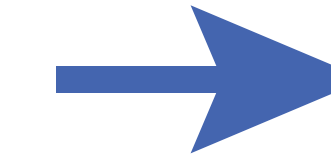
FORM PRECEDENT: BOAT BUILDING

In looking for inspiration for the form of my boathouse, I returned to the boat building project from earlier in the semester. Specifically, I was inspired by the organic, steam bent ribs we used in our boat. These structural members would differ in size and shape throughout the length of the boat to form to its shape. This organic structural system then became the backbone of my boathouse project.



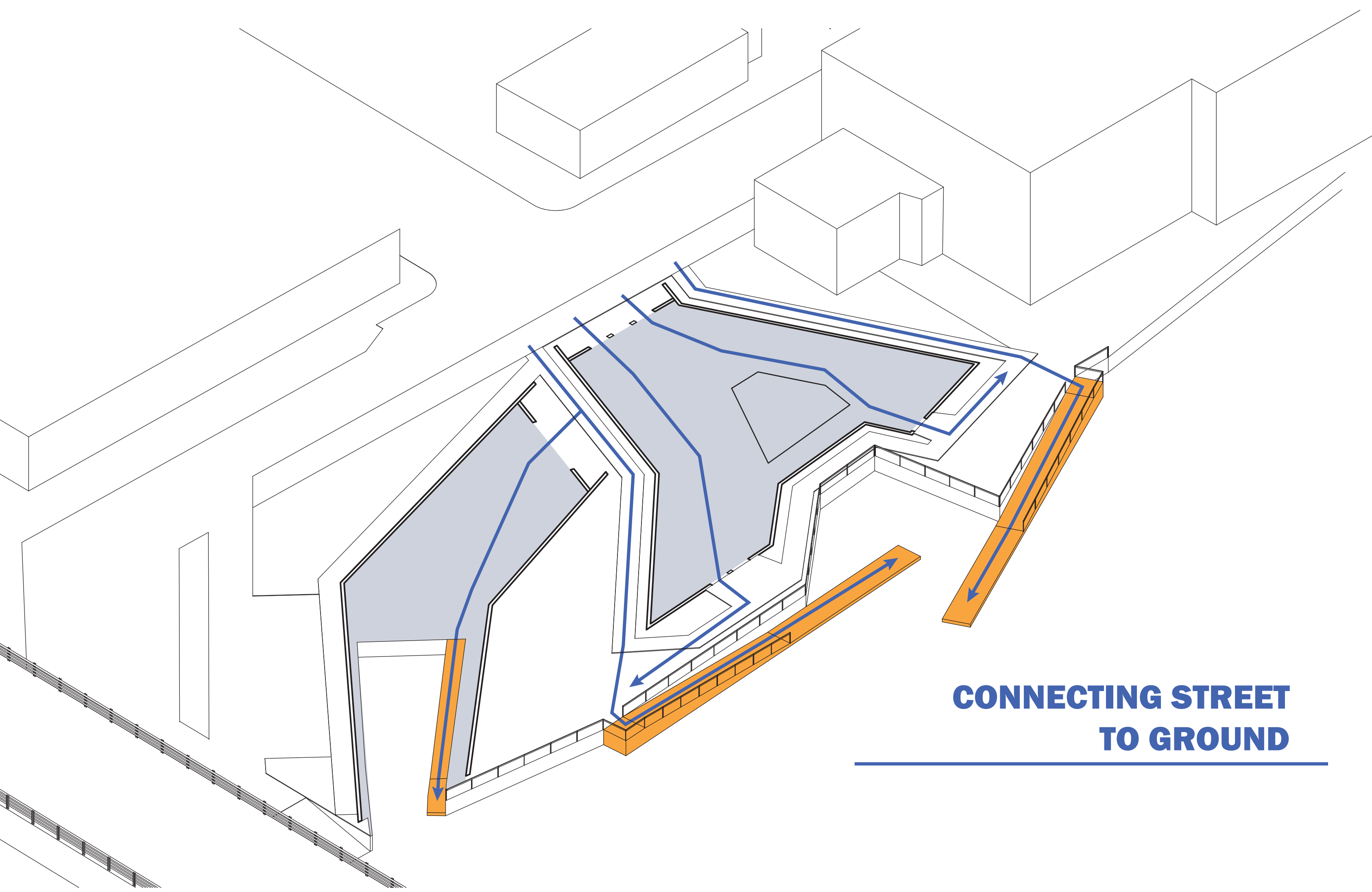
TRANSLATION TO SITE

When fitting the structural rib system to this site and program, the optimal solution I found was to create a series of three different major hallways. These would each branch out and gesture towards the water, providing visual connections to the water, and come together at a single entrance hall, aligned with the existing street condition on the site. One of these hallways is then separated to provide a physical connection to the water, as well as dividing space by programmatic noise levels. (See below)

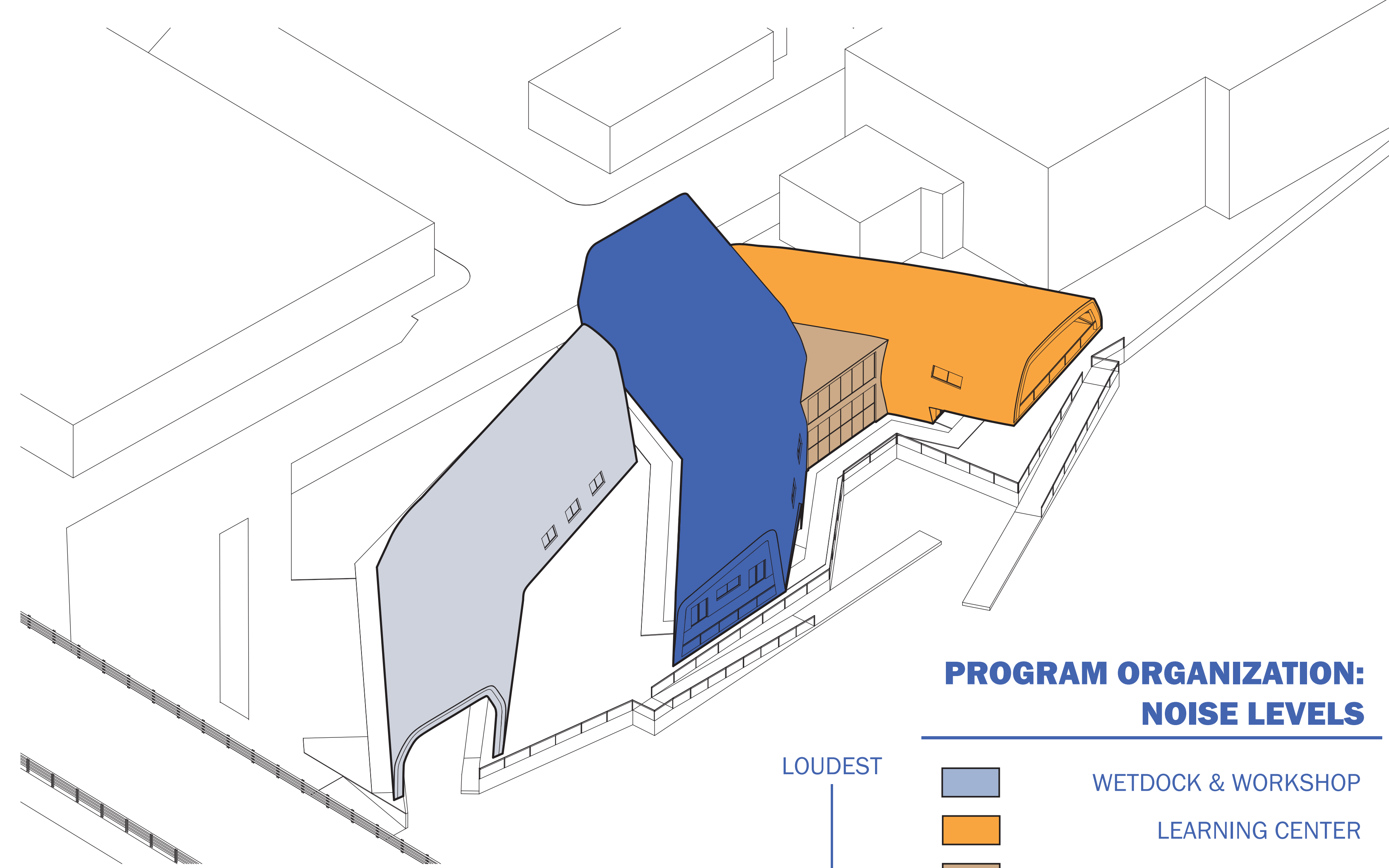


STRUCTURAL SYSTEM

To provide support to the primary structural ribs, a series of diagonal braces are employed, which become more numerous toward the water side of the project. This is essential to hold up the two cantilevered halls in the proposal.



CONNECTING STREET TO GROUND

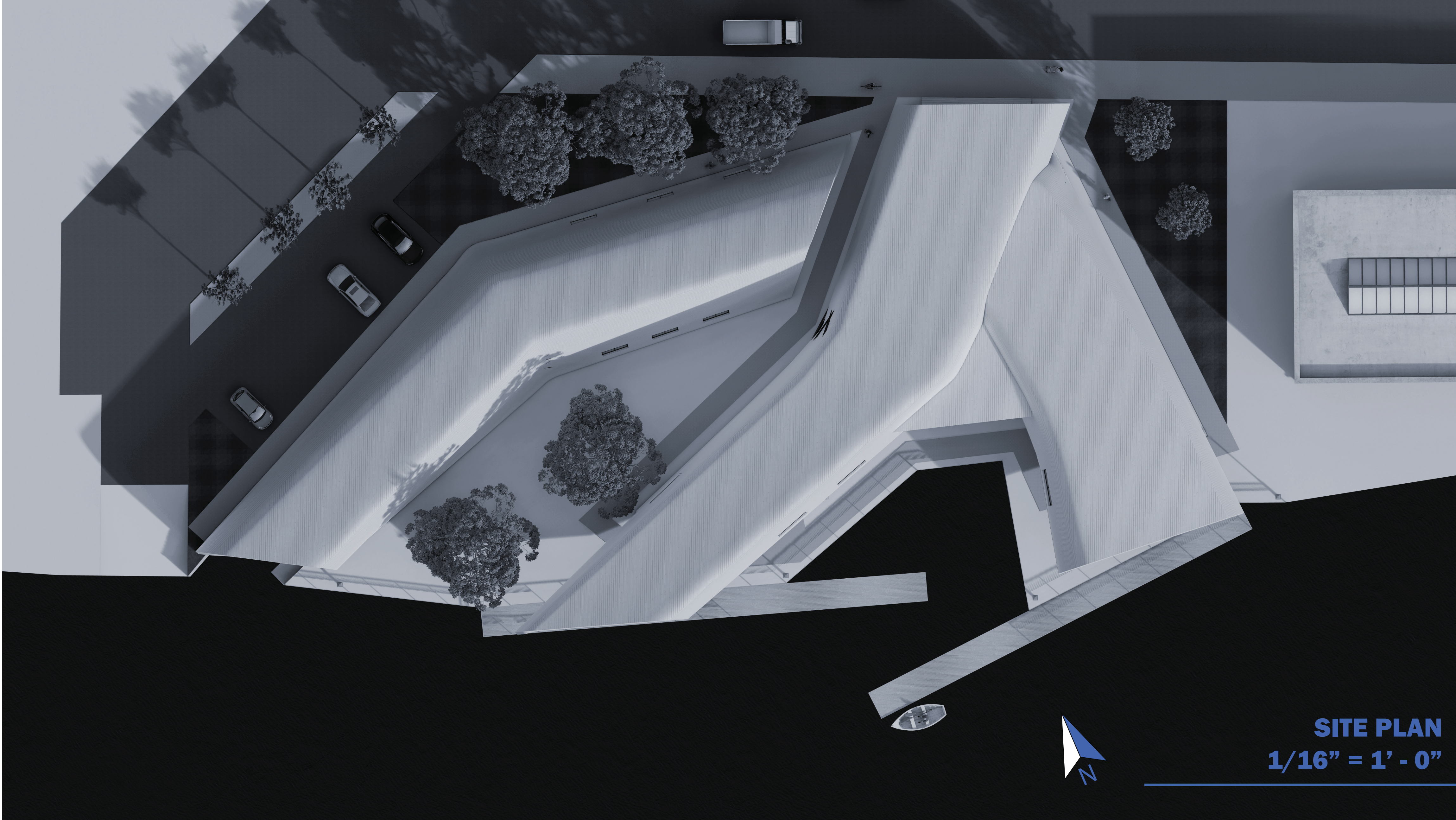


PROGRAM ORGANIZATION: NOISE LEVELS

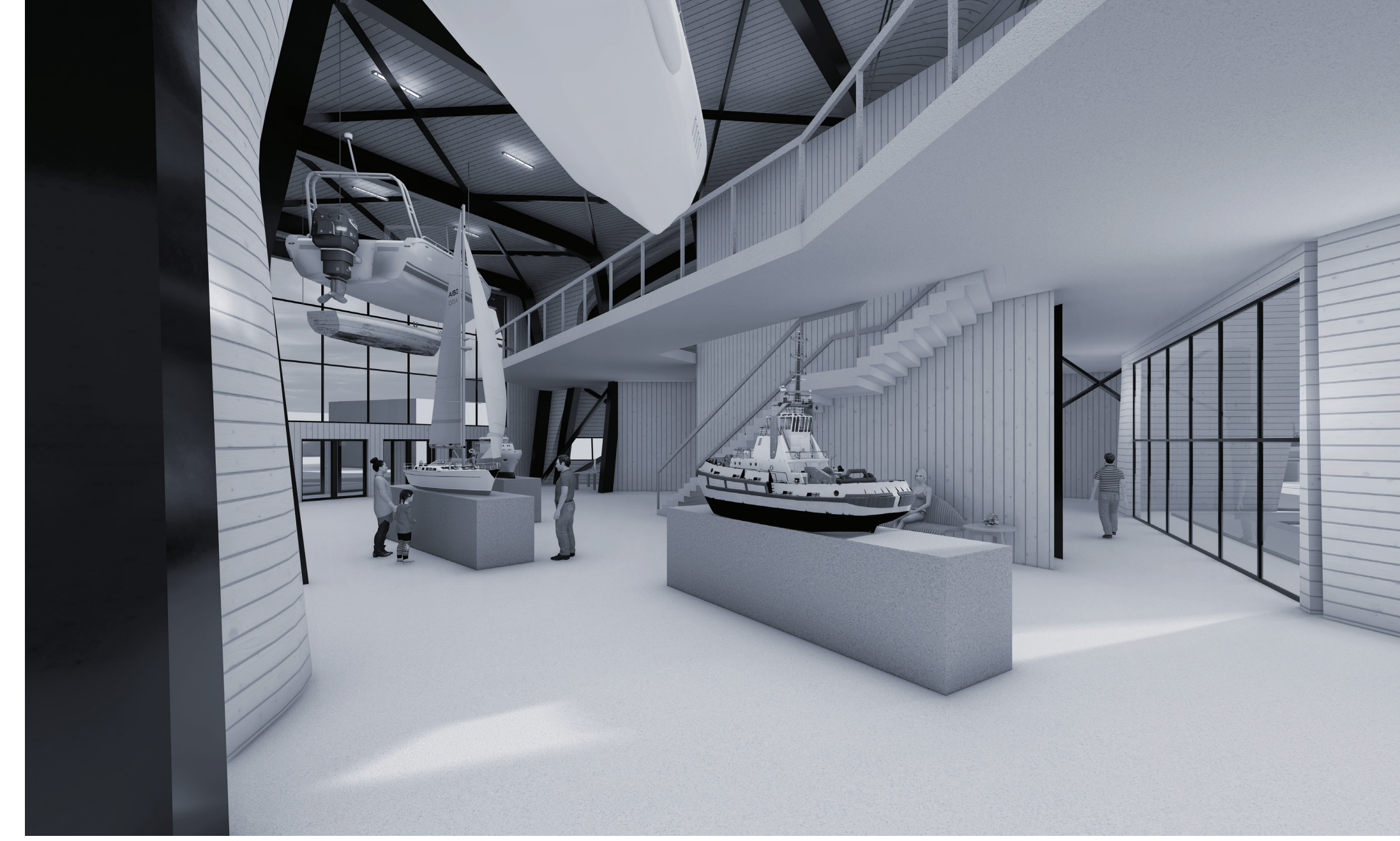
- LOUDEST
↓
QUIETEST
- WETDOCK & WORKSHOP
 - LEARNING CENTER
 - TRANSITION & GEN. PROGRAM
 - MAIN EXHIBITION



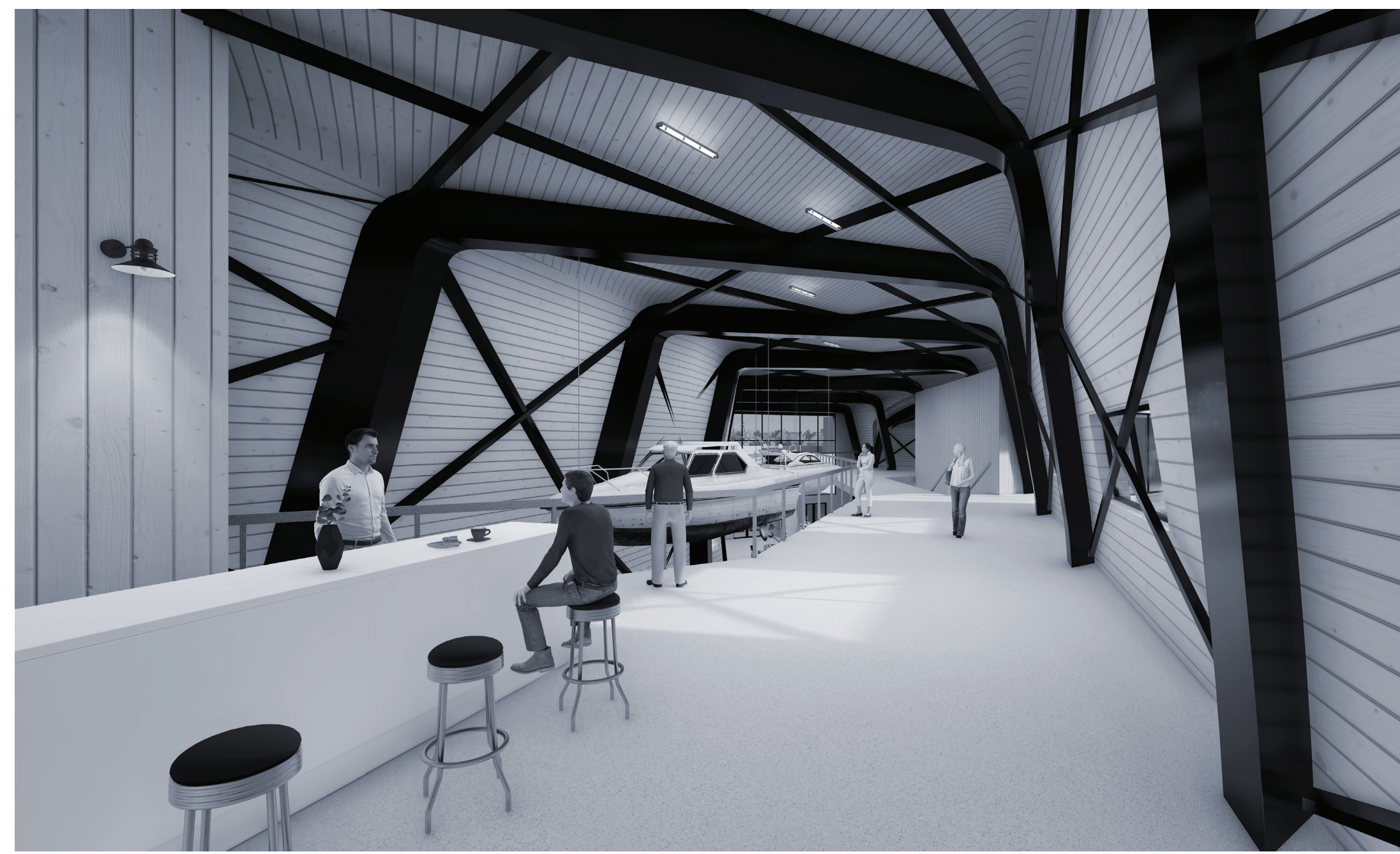
EXTERIOR RENDER: STREET VIEW



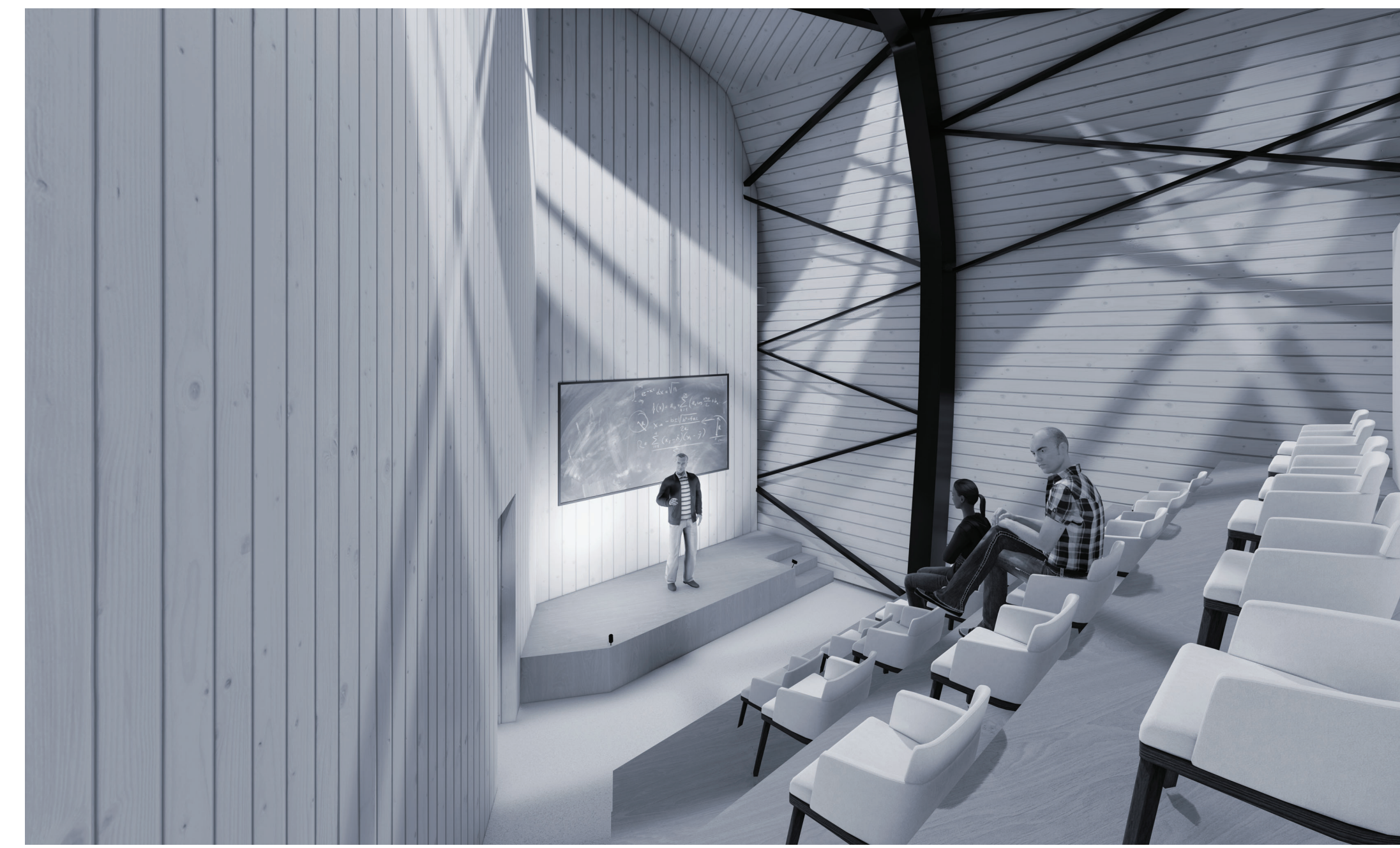
SITE PLAN
1/16" = 1' - 0"



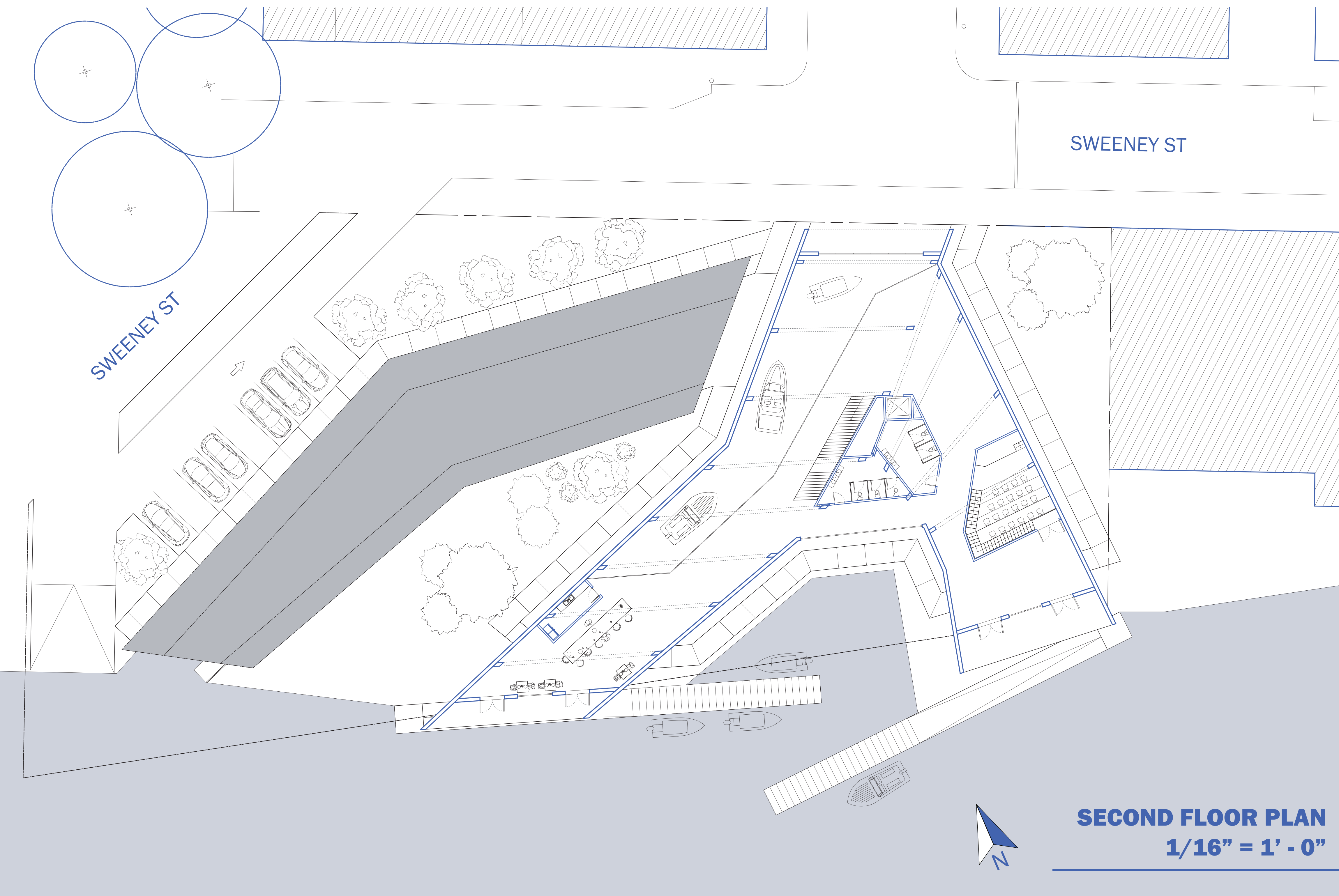
INTERIOR RENDER
MAIN EXHIBITION LOWER



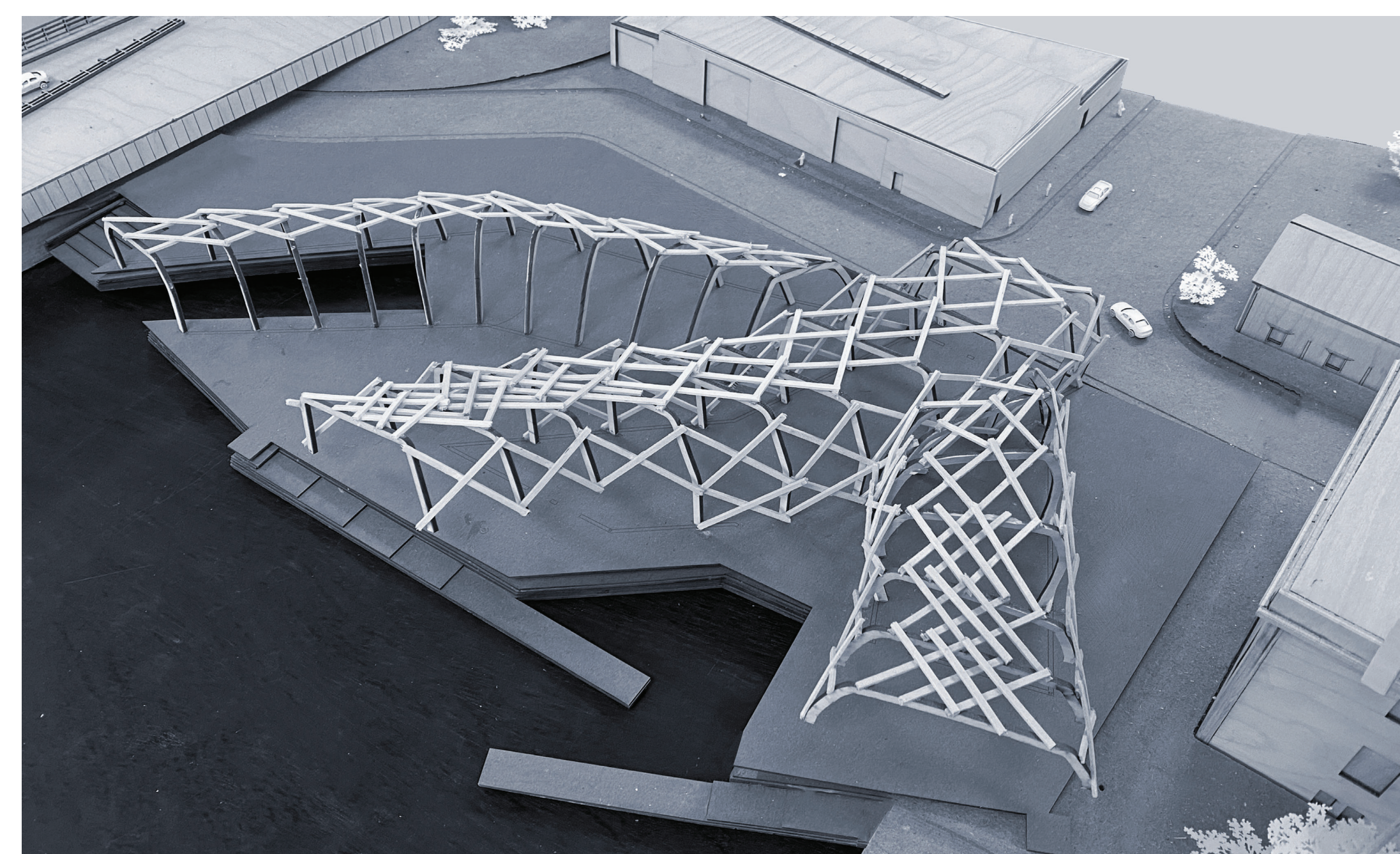
INTERIOR RENDER
MAIN EXHIBITION UPPER & CAFE



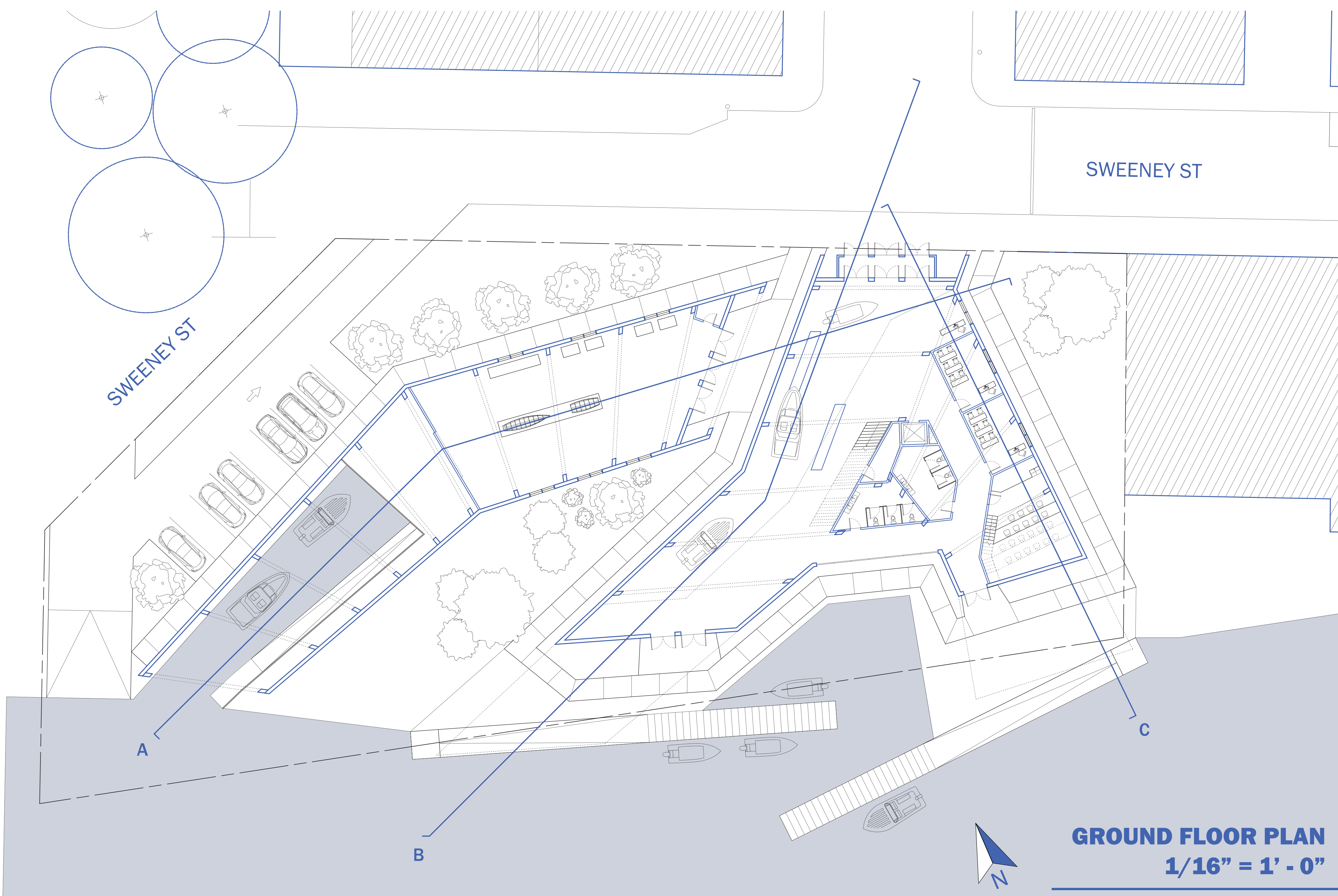
INTERIOR RENDER
AUDITORIUM



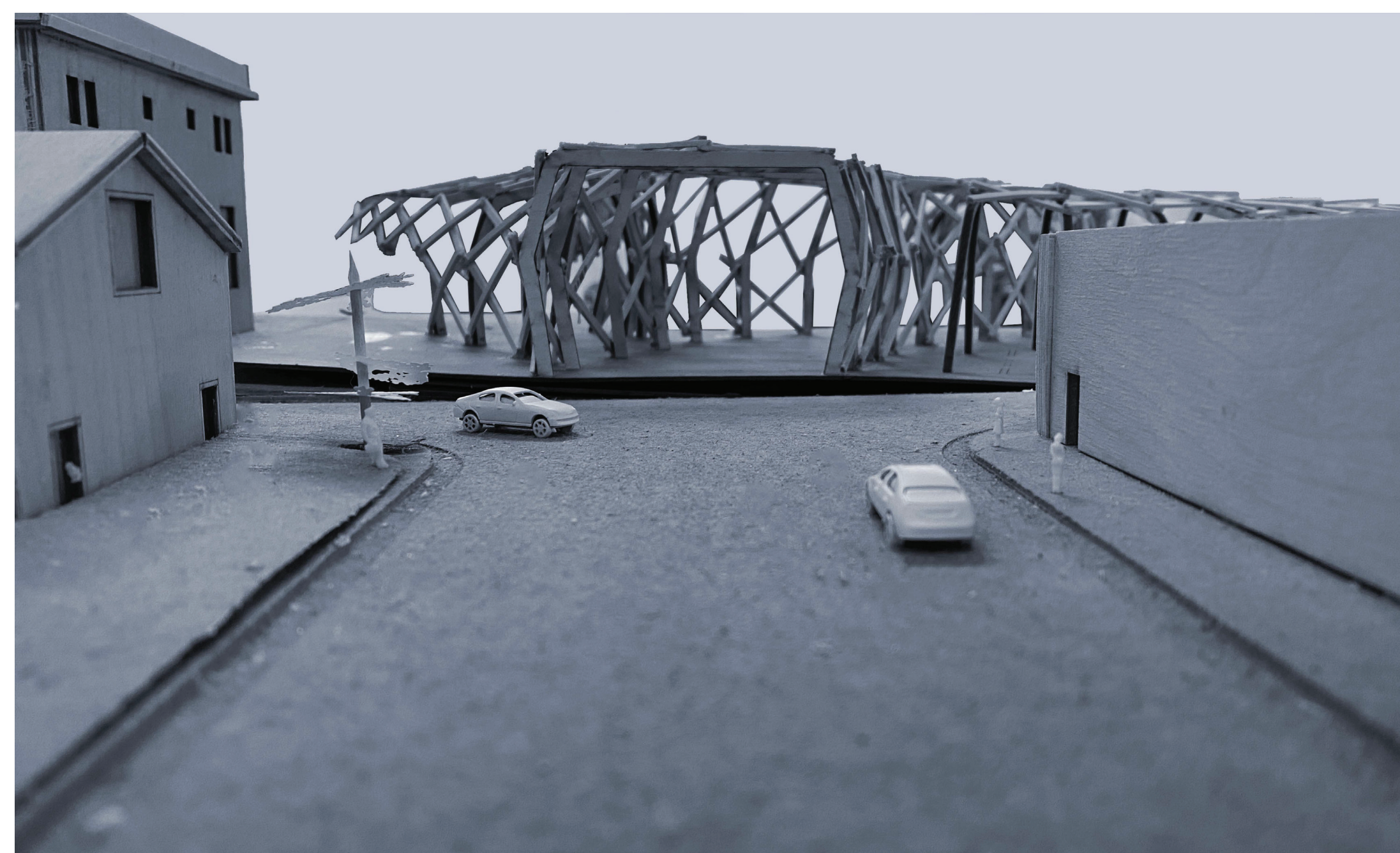
SECOND FLOOR PLAN
1/16" = 1' - 0"



MODEL PHOTO 1

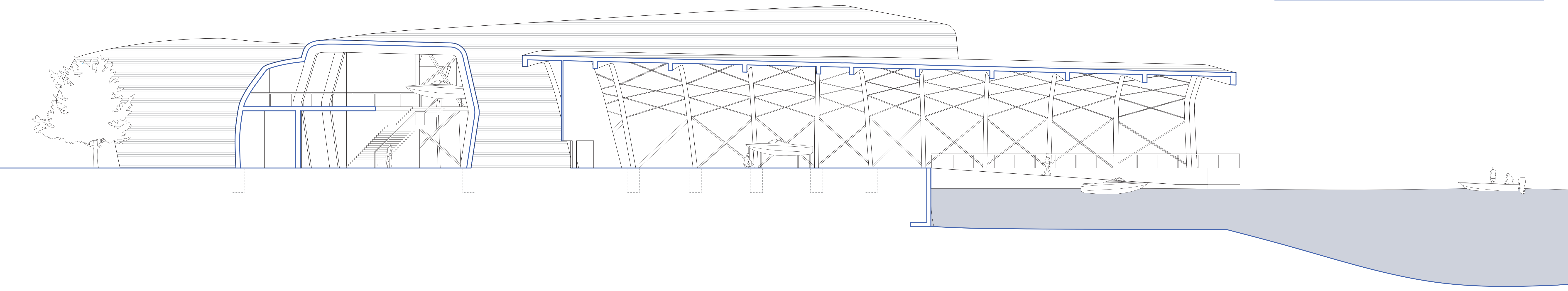


GROUND FLOOR PLAN
1/16" = 1' - 0"

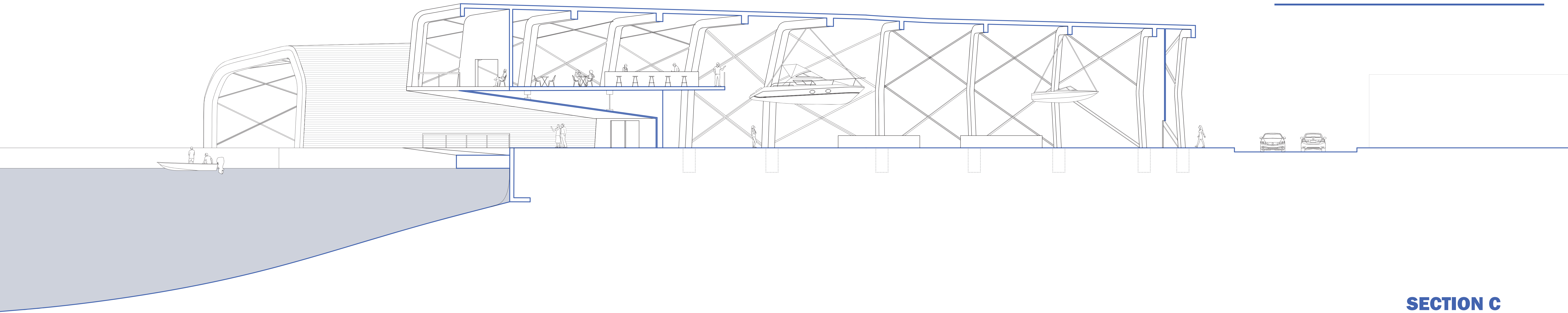


MODEL PHOTO 2

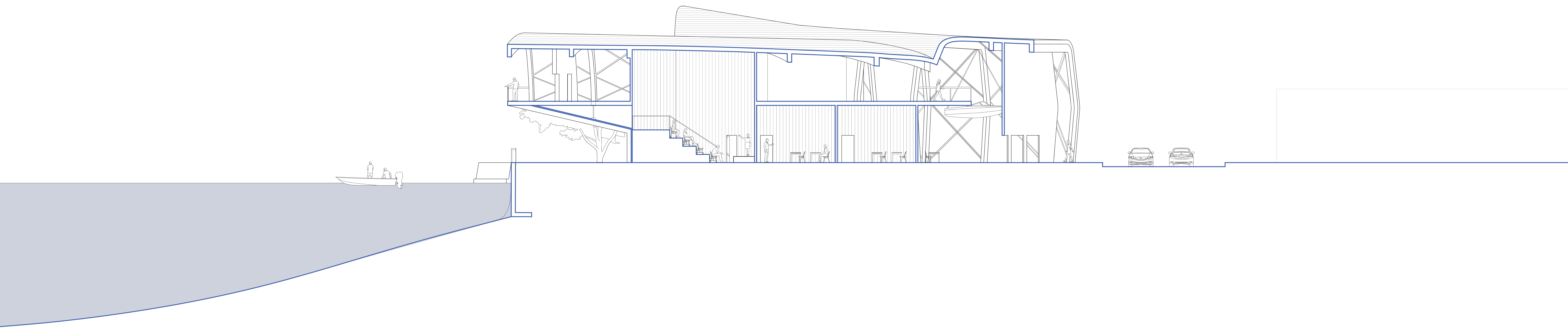
SECTION A
3/32" = 1' - 0"



SECTION B
3/32" = 1' - 0"



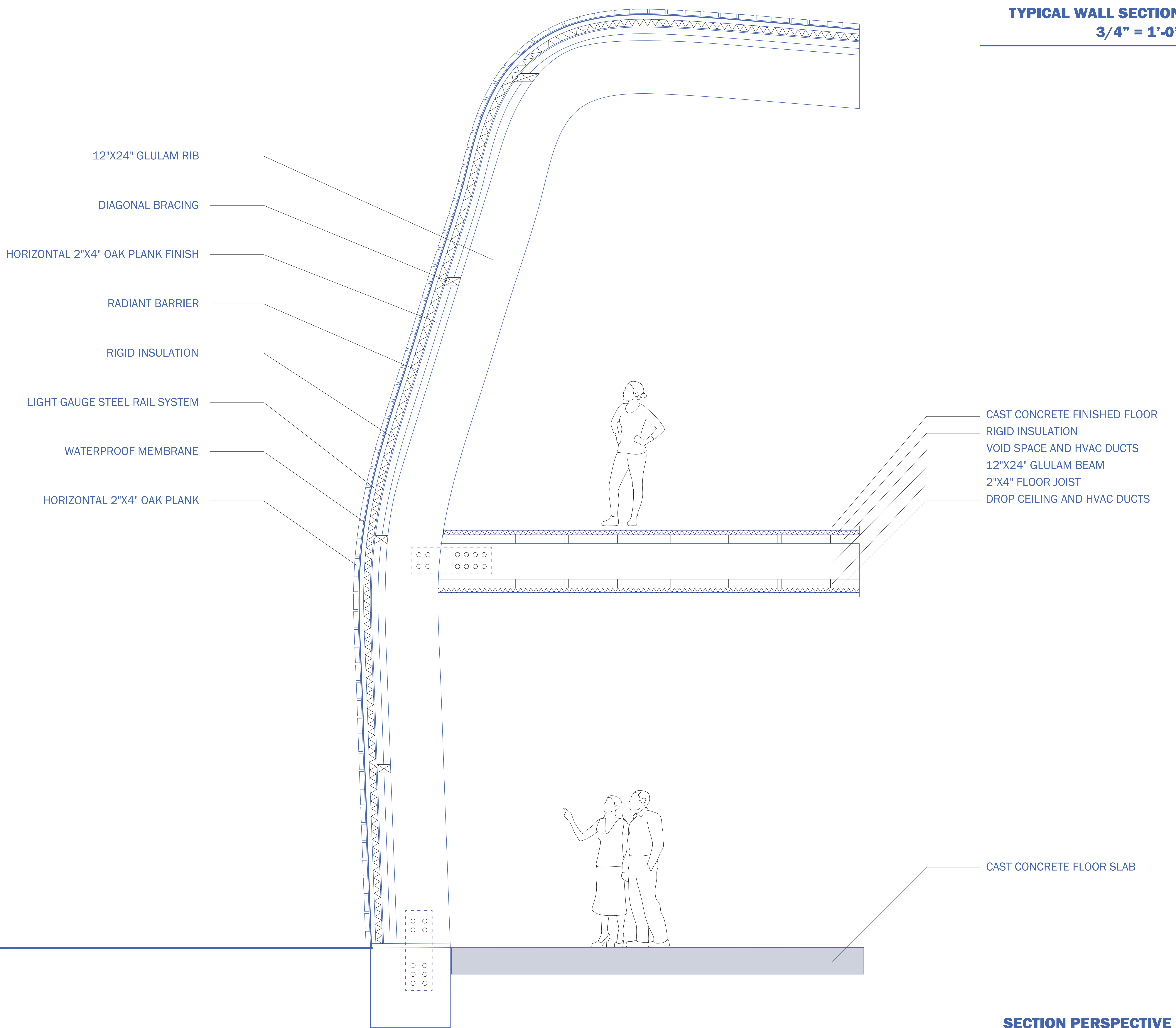
SECTION C
3/32" = 1' - 0"



EXTERIOR RENDER:
WATER VIEW



TYPICAL WALL SECTION
3/4" = 1'-0"



SECTION PERSPECTIVE
1/8" = 1'-0"

