The proposed workshops in the carriage house below the studio require noise containment and a place for tools. One bay as a tool shed for the grounds keeper and the rear two bays for students operating with large materials are renovated with minimal new construction to achieve a necessary sustainable work environment.

The workshop in the carriage house is enclosed without a link between the two other bays. This wall will be opened to link the location of larger machines and power tools with a space dedicated to assembly, storage, and finishing. The walls can be stabilized with a new skin of reinforced concrete terminating at the height of 2.26m as a sign of human scale while allowing the original stone walls to continue past this datum up to the ceiling. This new wall system combined with a terrazzo floor completes the renovation of the student workshop.
A possibility exists for the garden house to become an entrance for a space behind the historic colonnade. A glass wall could form a new envelope for a workshop.
The location of Casa Maderni in Riva San Vitale presents unique educational opportunities for young minds. Immersed in a foreign culture, naturally the expectation of a student during a semester abroad is a change of domain. In this context of learning, architecture can be a significant contributor to the success of such an experience.

My proposal contains a hypothesis that a careful architectural articulation of a very small space can augment an educational framework. My study of the proposed cell, addresses spatial desires; however, several architectural elements that may appear ordinary in a conventional room have been rethought to amplify phenomena of the environment, such as natural light, constructed views, and a stark material order. What I hope most from my work is that through the lens of architectural space, and also the memory of such a space, architecture can ultimately assist the ability of educated perception for both the architect and the inhabitants of this space.

“I am interested in discovering what new life patterns can be extracted and developed from living under severe conditions. Furthermore, I felt that order is necessary to give life dignity. Establishing order imposes restrictions, but I believe it cultivates extraordinary things in people. I believe in removing architecture from function after ensuring the observation of functional basis. In other words, I like to see how far architecture can pursue function and then, after the pursuit has been made, to see how far architecture can be removed from function. The significance of architecture is found in the distance between it and its function.”

- Tadao Ando: Complete Works, Francesco Dal Co, p.504


Jencks, Charles. Le Corbusier and the Tragic View of Architecture

Le Corbusier. Le Modulor. Harvard University Press. 1980


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Understanding the thesis is not possible without looking at the Casa Maderni and its grounds as it currently exists as. Following is a documentation of the site and its surrounds to clarify the proposed interventions.