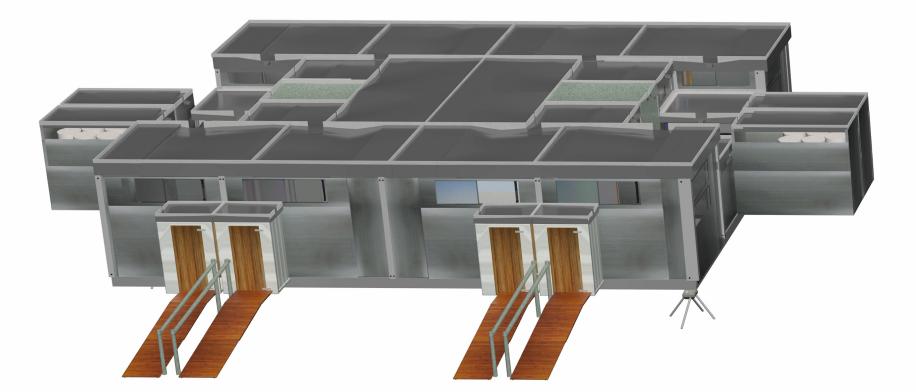
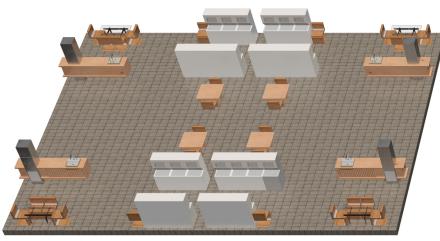


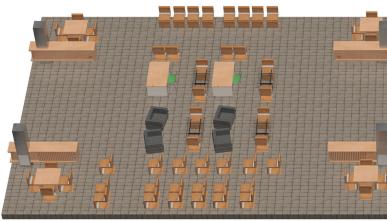
We never know when a natural disaster is going to strike, or where. All we do know is that when it does, we have no way of protecting ourselves from its path. From all of this we are able, through the power of design and skill, rebuild the damages. We cannot bring back what was lost, but we can try to design and build a new beginning. Taking all the bad and creating them into milestones which will be conquered.

Designing Disaster

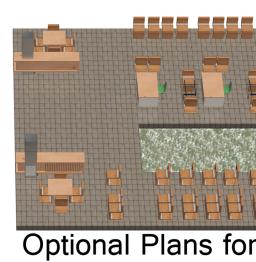


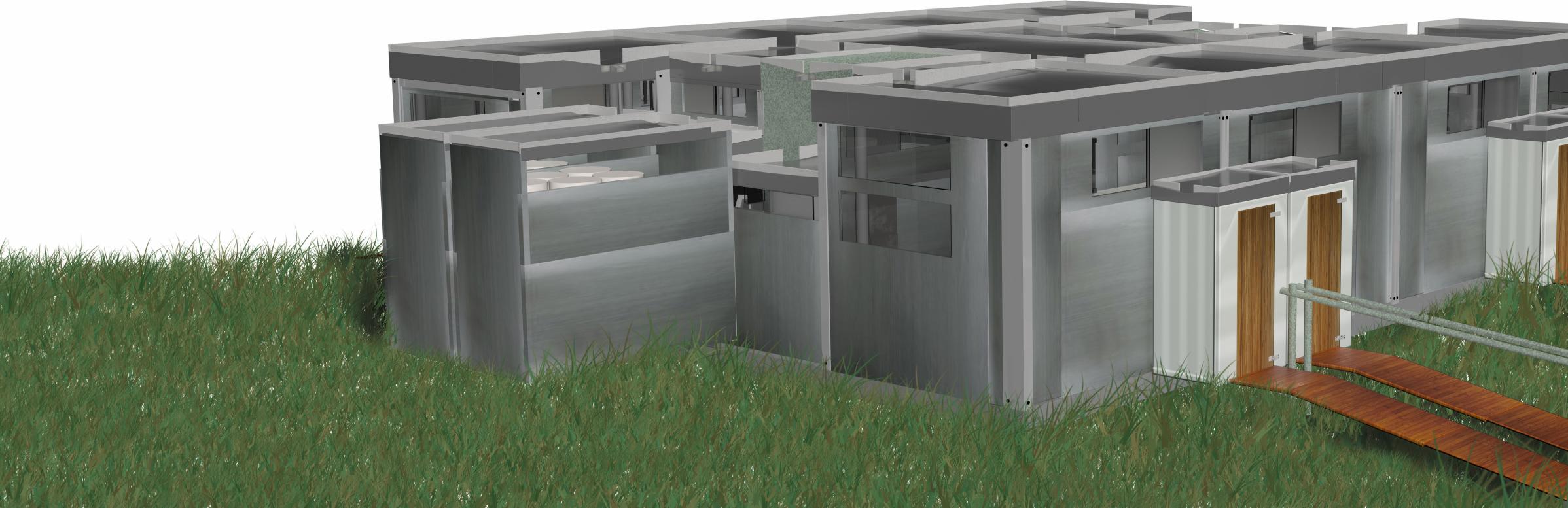


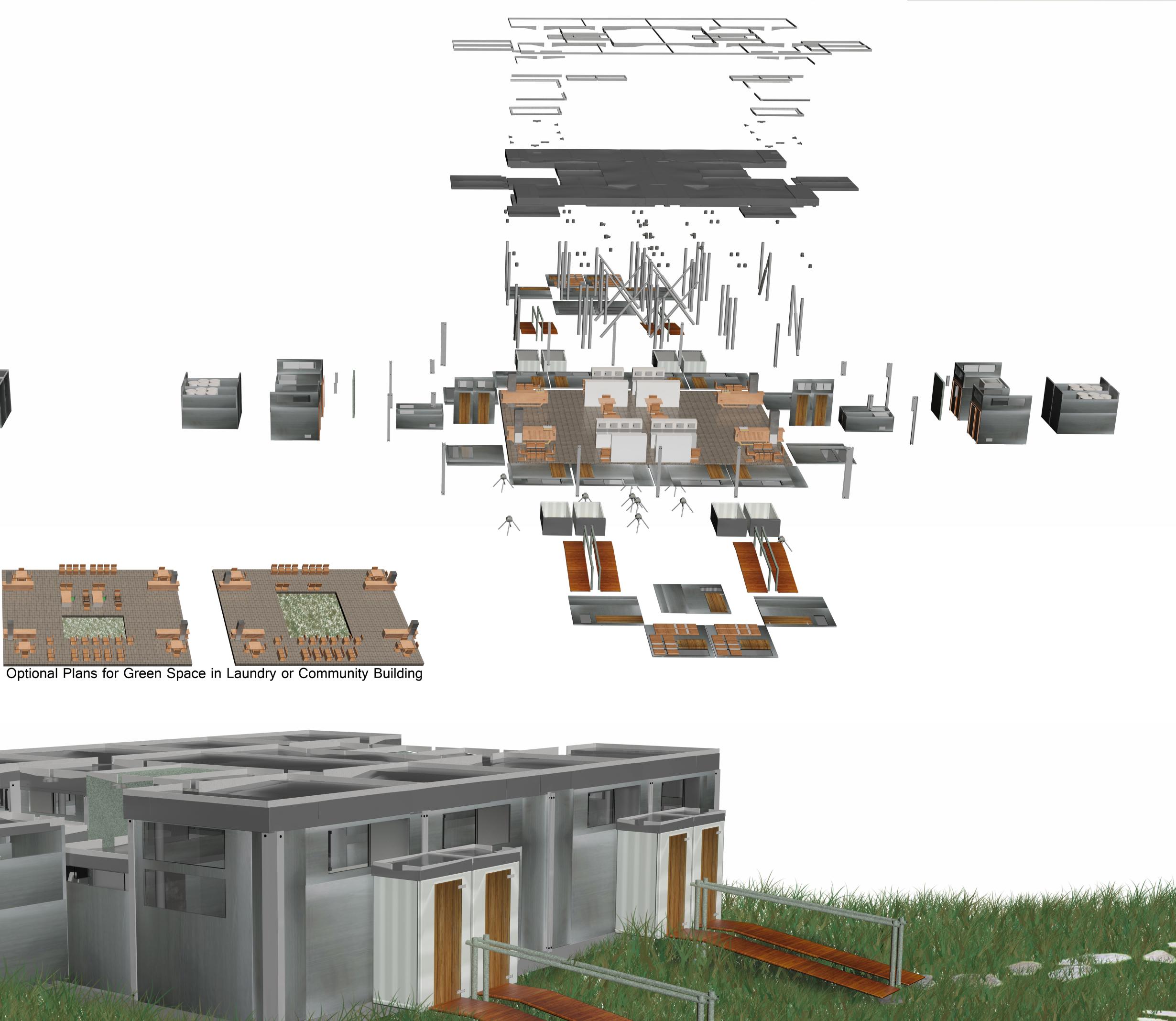
Laundry Room

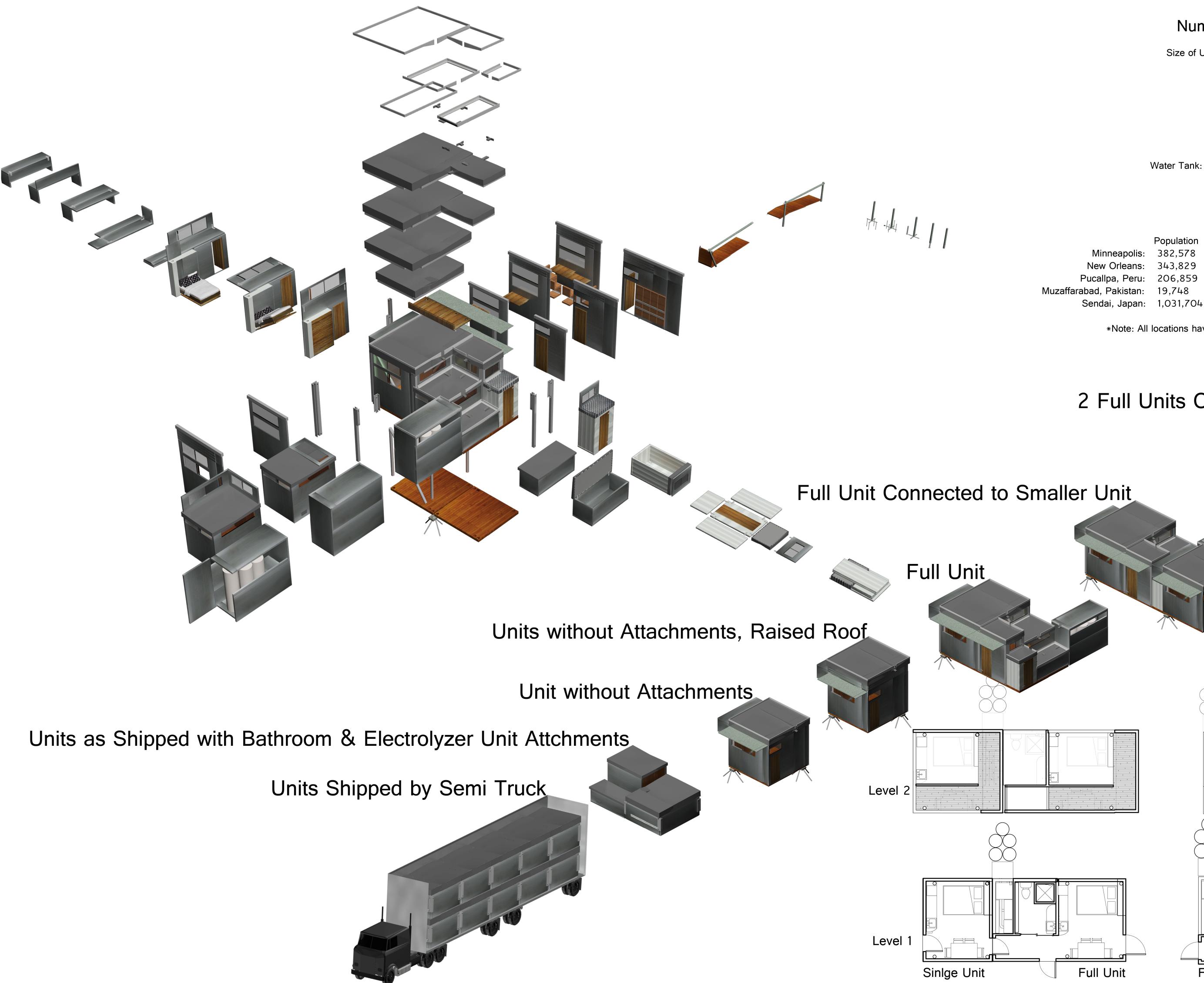


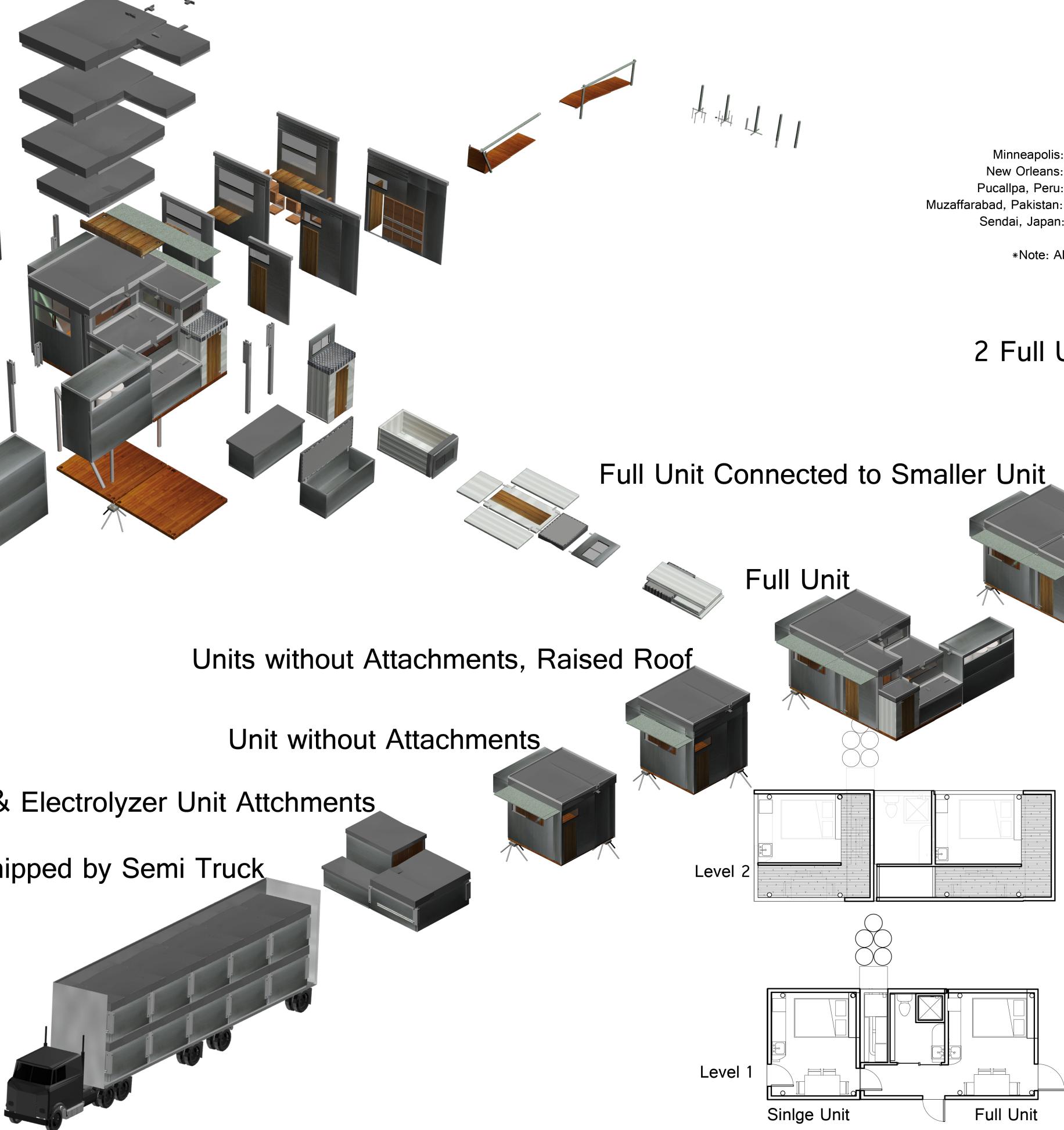
Community Building











Numbers: Size of a Single Unit when Shipped: 8'6"x10'x4'6" Size of Unit when Constructed: 8'6"'x10'0"x10' up to 10'x12'6"x10' Number of Units per Semi Truck: \approx 15-18 units Size of Semi-Truck: 8'6"x 13'6"x ≈50'-80' Number of Units per Cargo Car: ≈16-20 Size of Cargo Car: 9'6"x13'x≈ 80'-100' Size of Tanks: Water Tank: (for a family of four averaging 30 gallons a person per day) 120 gallon tank: 2'6"x2'6"x3' Grey Water Tank: 3'x1 1/4'x1 1/4' Black Water Tank: 2'x 1 1/3'x 1' Population Compared to Number of Units: Population Possible # of Units on Site # of Beds (4 beds per unit) Minneapolis: 382,578 220 880 1360 5440

*Note: All locations have secondary sites to compensate for larger natural disasters that cause the need for more units.

280

70

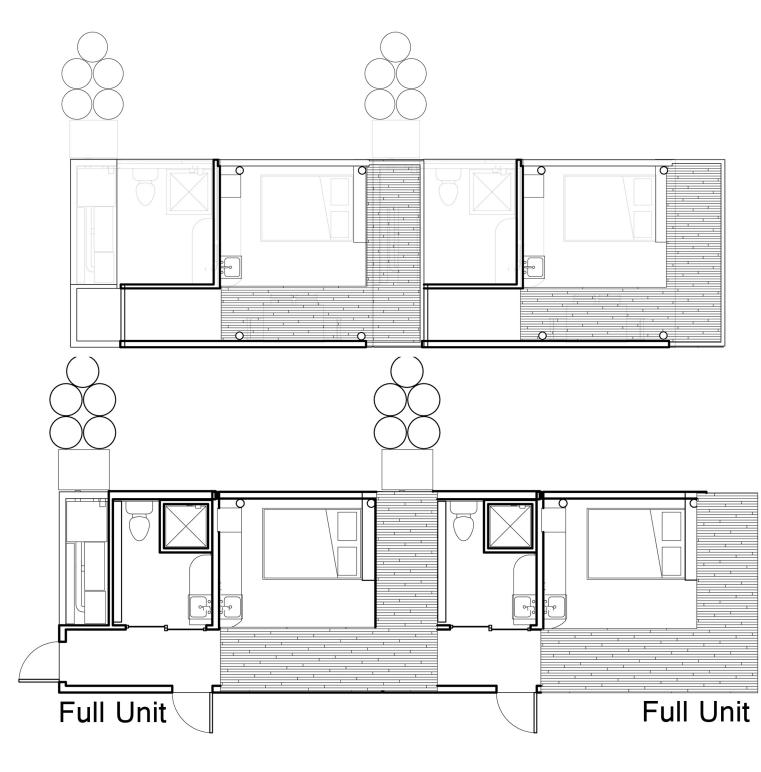
440

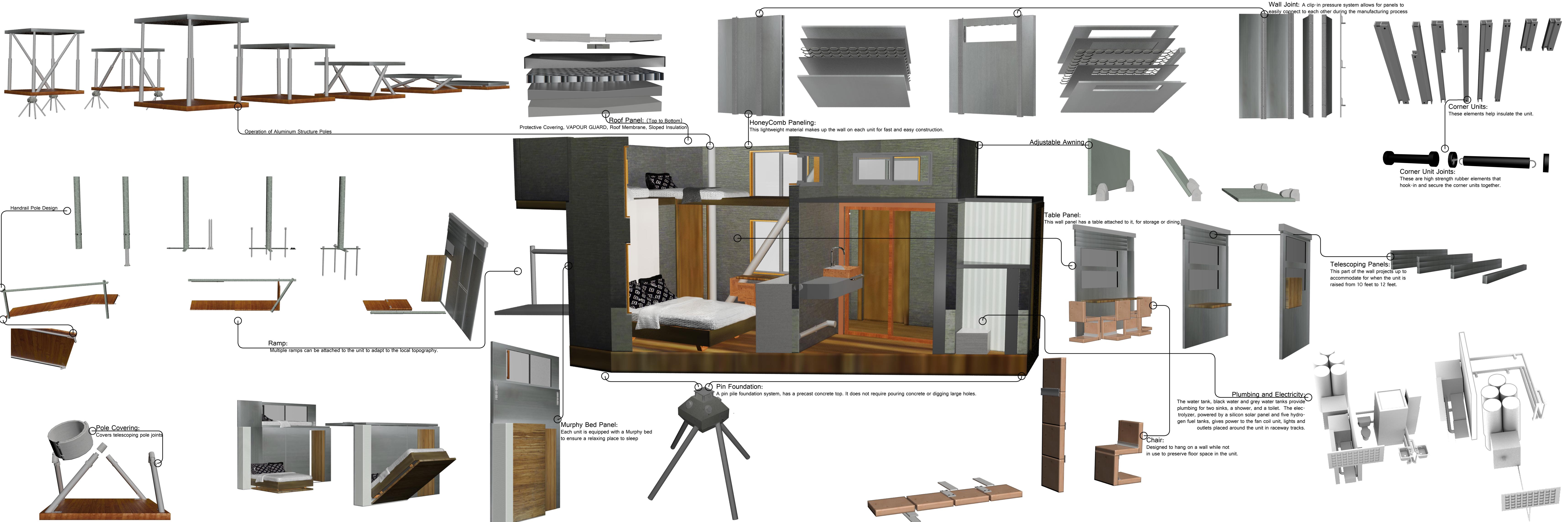
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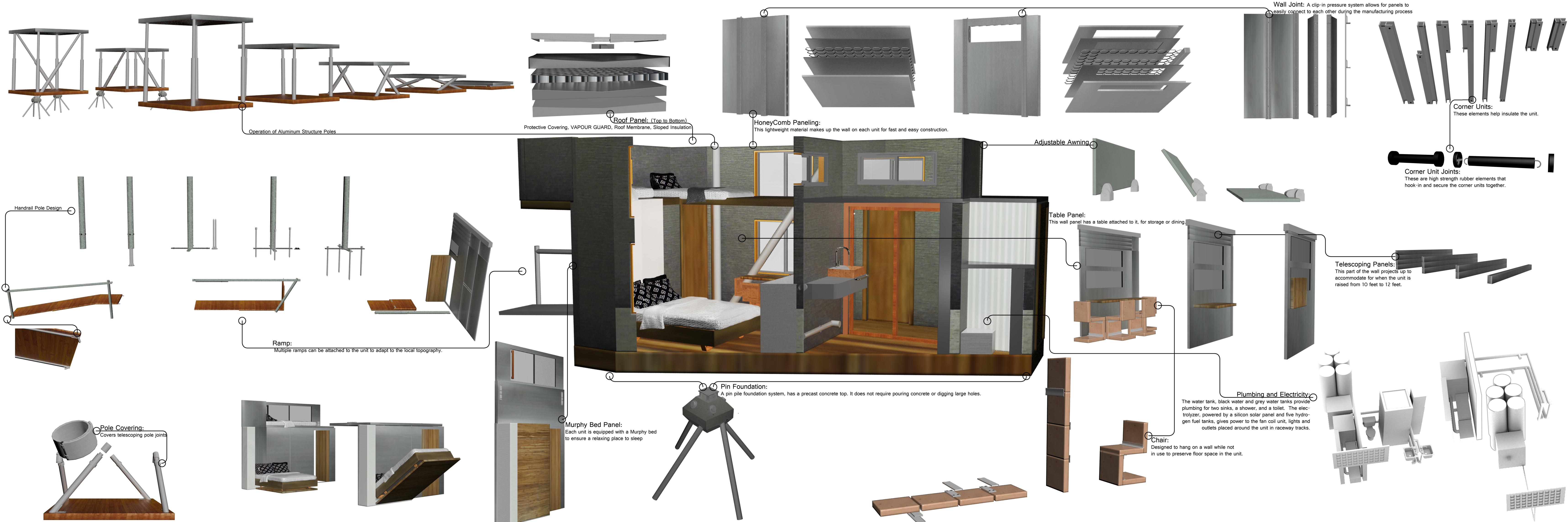
280

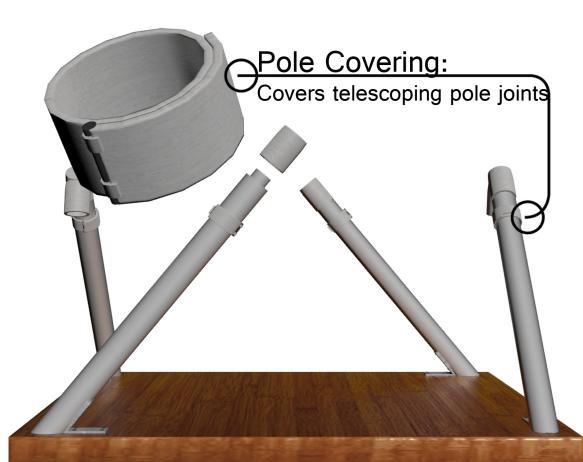
1760

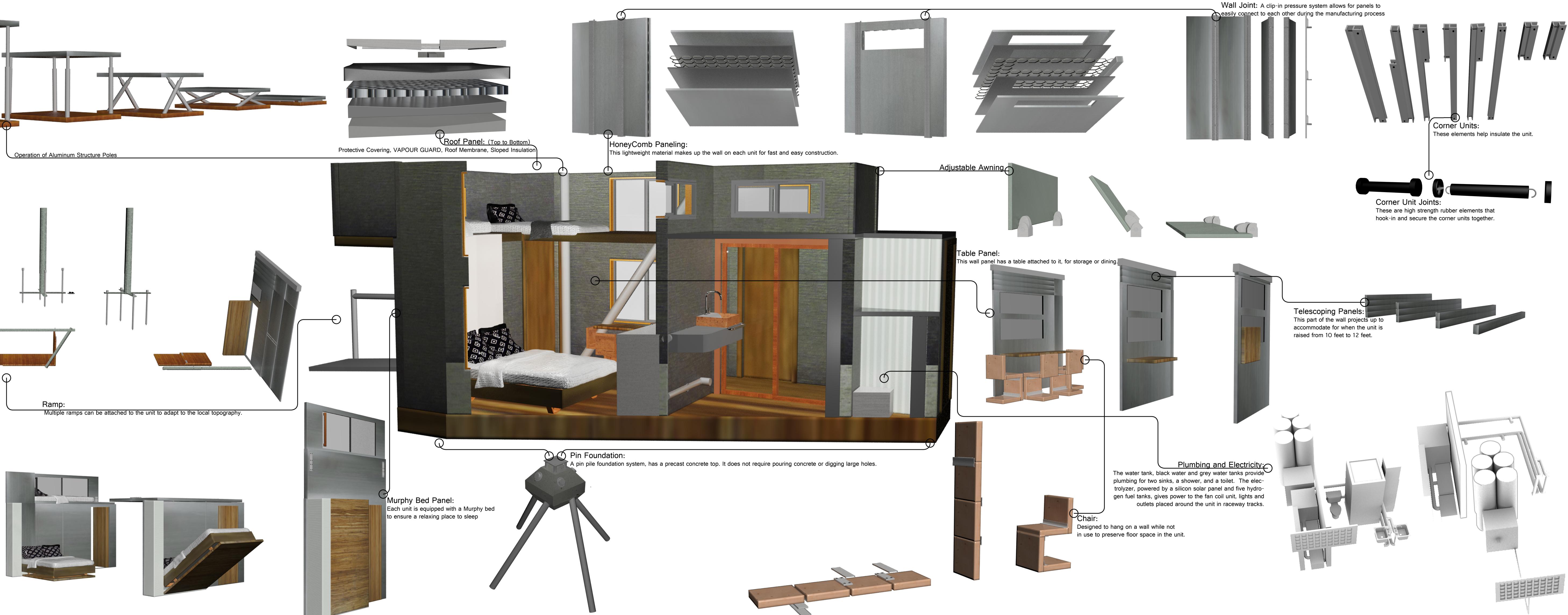
2 Full Units Connected





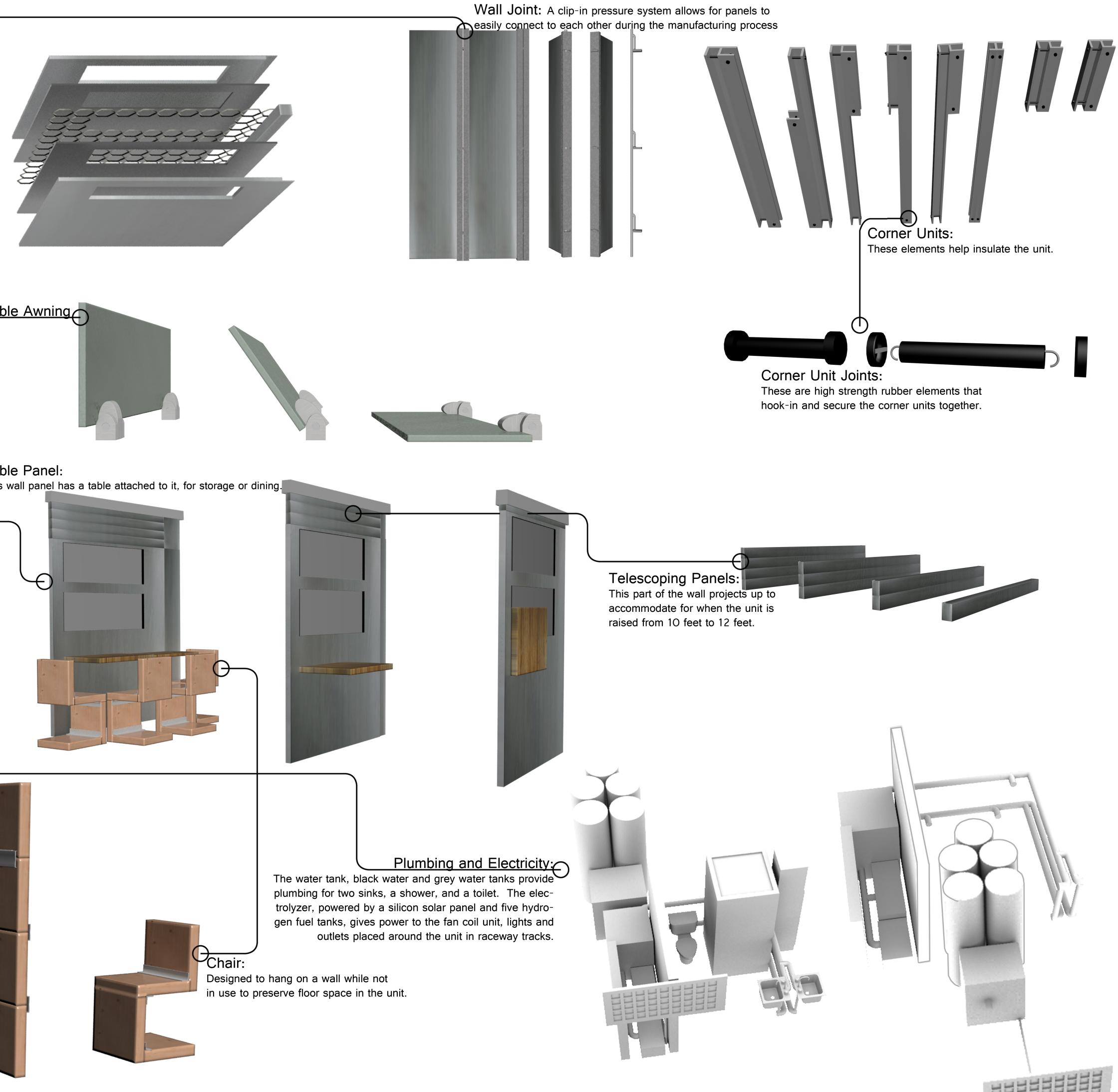




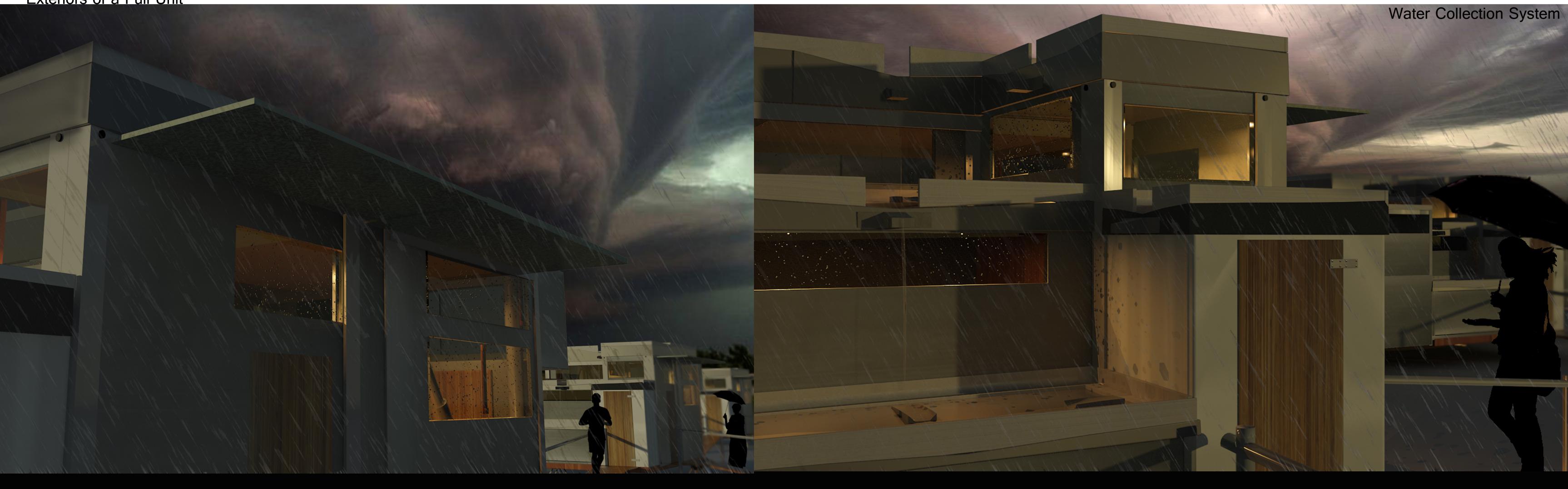














Lauren Peterson

Mark Barnhouse

3ds Max, Revit, Photoshop Architectural Design 772 Spring 2012