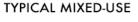
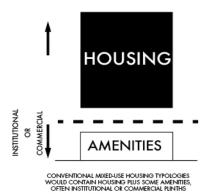
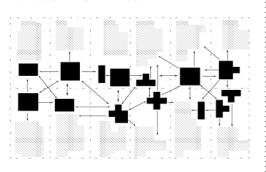


17

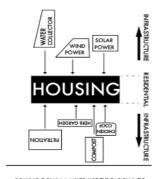




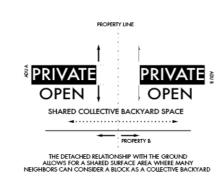
NETWORK OF ADUS

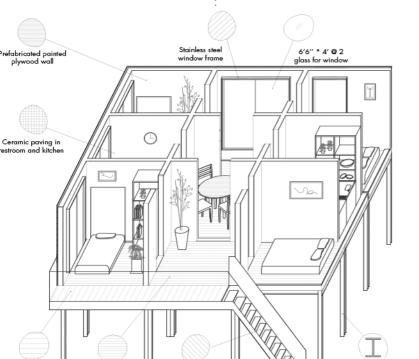


MICRO MIXED-USE (ADU)



COLLECTIVE BACKYARD

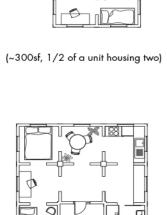




The exterior and interior elevations rely on materiality that is readily available from typical hardware stores. This DIY spirit allows for more degrees of flexibility.

W 4" * 4 1/4" I-Colums

(~150sf, 1/3 of a unit housing two)

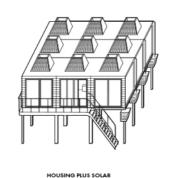


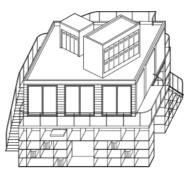
(~400sf, full unit)

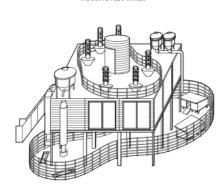


(~500sf, full unit, or 1/2 of large unit)

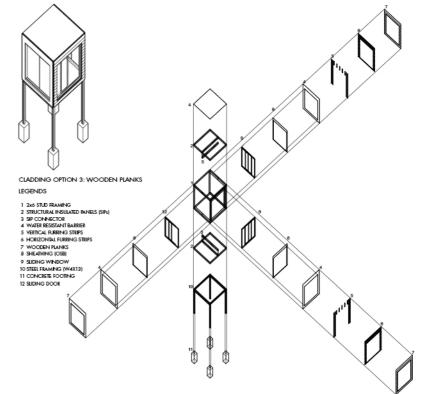
The modular system allows for floor plans to differ in size, shape, and function depending on the demands or needs of plot owners. The repeatability of this modular system will make the project budgets very manageable, allowing for extra infrastructural components to be simply clipped onto the existing grid system.



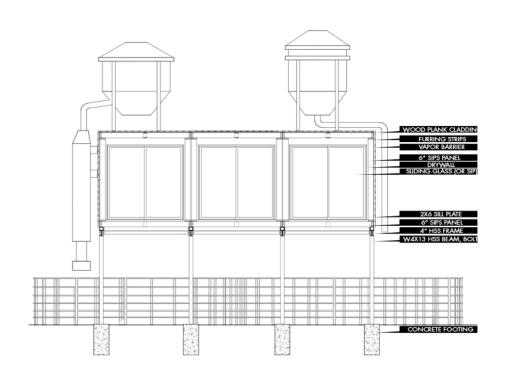




Each Accessory Dwelling Unit would perform its own distinct infrastructural role to support the entire neighborhood, giving the architecture some extra character both formally and functionally.



We chose a steel frame modular system for three reasons. This system allows for the majority of the construction to be off-site, limiting actual on-site work to a minimum. By reducing on-site work hours, we not only curtail the labor cost, but also drastically lower noise levels that often result in official complaints.



The cross-section of the prefabricated structural insulated panels with bolted framing and foundation indicates that this set of ADUs are very economical to construct.