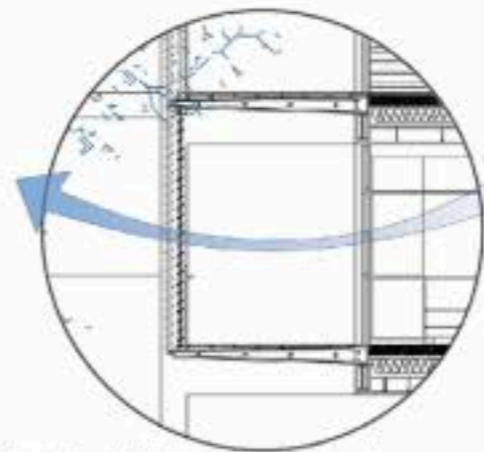


Use of Green roofs for water collection and as a thermal insulation barrier



Roof PV Panels act as shading as well as power generation.



Sectional Filters including louver system, glass, and shading devices

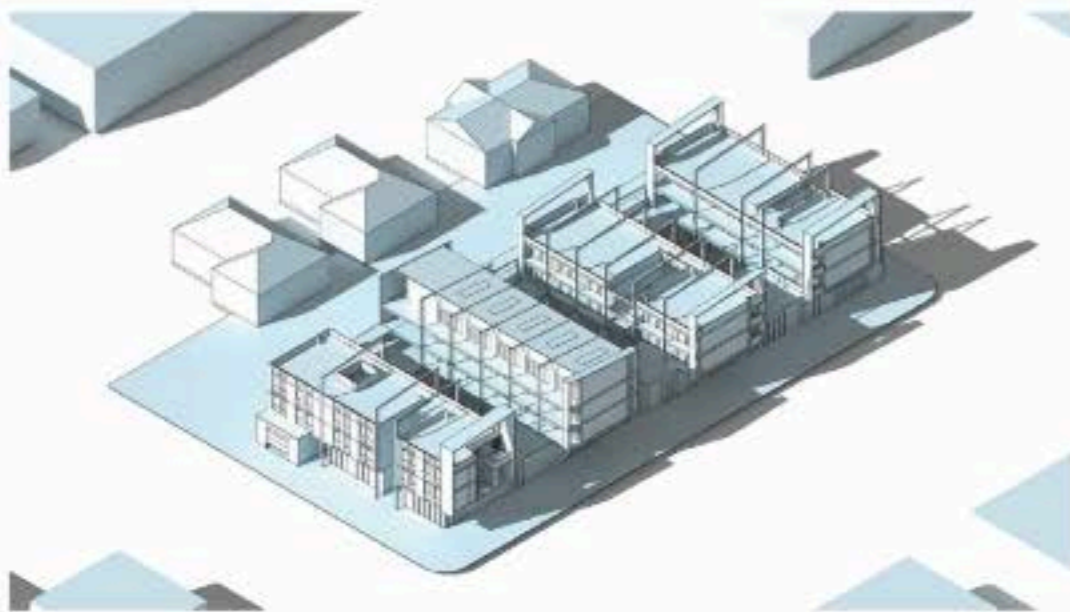


Water collection, filtration and recycling to lessen fresh water consumption.



Drapes used as adjustable shading in a third roof condition.

INC.Space Environmental Section Diagram

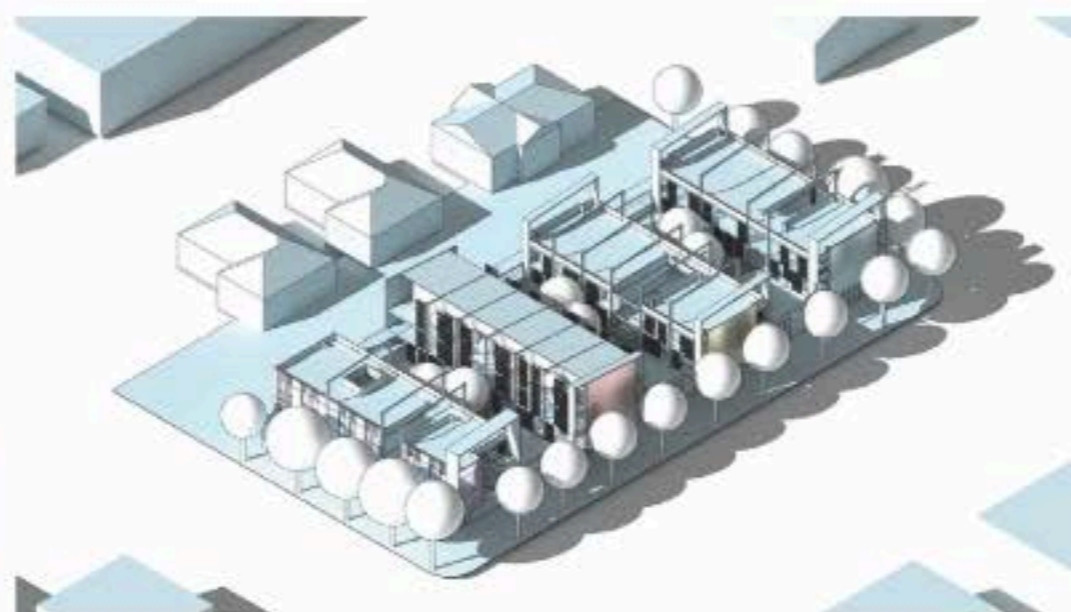


Baseline Model

Proposed Whole Building EUI

LEED Points - EAc2 Credit

CO2 Reduction %

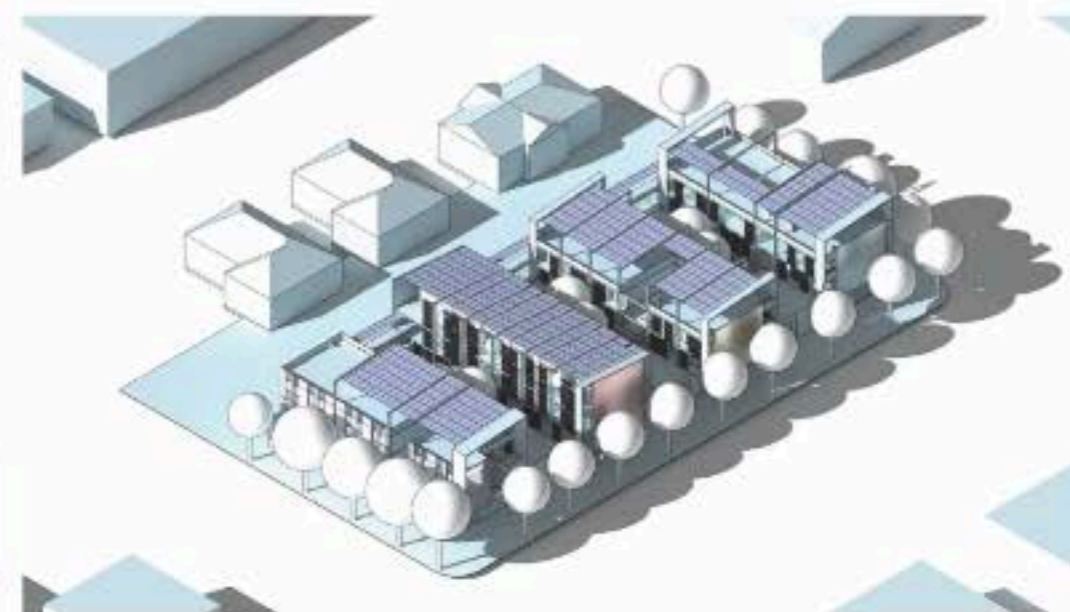


Optimized Model

Proposed Whole Building EUI

LEED Points - EAc2 Credit

CO2 Reduction %



Optimized Model + PV Panels

Proposed Whole Building EUI

LEED Points - EAc2 Credit

CO2 Reduction %