

SOLAR DECATHLON - A Transitional Housing for SURE WE CAN redemption center, Brooklyn

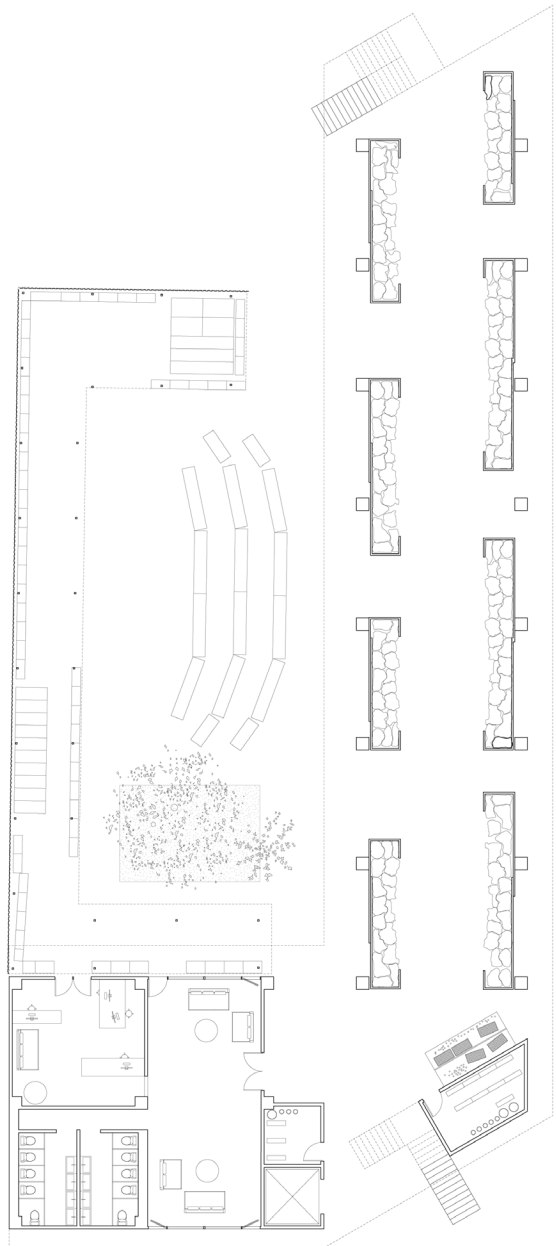
Circular & Inclusive design

Sure We Can is a recycling center, community space, and sustainability hub that serves as New York City’s only non-profit and homeless-friendly redemption center. The canners make an income by collecting, redeeming, and sorting beverage containers like soda cans and water bottles. This diverse community includes non-English speakers, unhoused people, those with disabilities, and the elderly, with most lacking access to the benefits and protections of traditional employment.

Architecture Leads:
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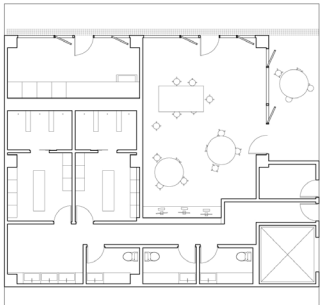
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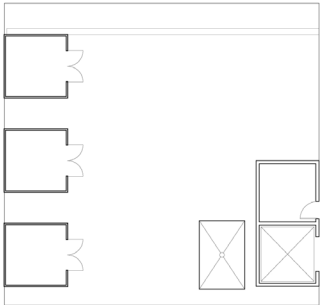


Ground Floor: Canning & Community Activities

2nd Floor: Residential Office
+ Communal Room
+ Canning Classroom



6th Floor: Watertank & Batteries



3rd-5th Floor: Two Bedrooms Units



2nd-6th Floor: Single Bedroom Units

Presentation Slides: <https://drive.google.com/file/d/1ICHA-XJvVFVeHushyy3zco-DVvcUqGtN/view?usp=sharing>
Full Narratives: <https://drive.google.com/file/d/1WVfS4oYwgZPZ1zmnVz8Ock24P7-6mjR0/view?usp=sharing>



VIP-Solar Decathlon, Spring 2024
*Work selected produced by Miao Xue