IPRO 339 - SHIPING CONTAINER HOUSING

Statement of Problem:
- The need for housing 12,000 athletes for the Olympics.
- The demand for reasonably priced housing worldwide.
- Dealing with previous breakdowns in social housing.
- Using each housing strategy to resolve each situation.
- Adjusting the prototype to reach better solutions.

Permanent Solution:
Temporary housing for the Olympics will be lightly modified and transitioned into affordable permanent housing for Chicago residents.

Olympic Solution:

Site:
2929 S. Ellis Ave. Chicago IL 60616

Methodology:
Shipping → Container Yard → Olympic Housing → Permanent Housing

Individual Unit Construction:
Olympic Housing
Permanent Unit 1
Permanent Unit 2

Goals:
- Minimize the carbon footprint of the Olympic and Paralympics housing project by using existing shipping containers located at storage sites in the city.
- At the completion of the Olympics and Paralympics, transport the housing containers to various sites in Chicago to be used as the structural support for the building of affordable townhouses.
- Incorporate equipment such as the electrical and plumbing systems used in the Olympic and Paralympics housing into the affordable townhouse project.