

Olympic Housing Solution

The housing is designed to take advantage of Chicago's Southern prevailing wind in order to reduce the amount of energy used for air conditioning.

The initial housing design had to be modified to meet the requirements set forth by the Olympic Committee regarding the amount of square footage required while remaining ADA compliant.

The cost of the proposed building is half of a similar building with standard construction methods. With the high density of the site and its close proximity to the venues it is an ideal design solution.

The solution is designed to be easily converted into private residences with minimal interior design change.

Transformation Solution

The Olympic units are comprised of two or three shipping container modified to fit together. Two Olympic units are then used for each permanent housing unit.

We found this to be the most cost effective way of designing the Chicago housing, where the previous design was too difficult due to the need to change the units too much.

This design solution is the most cost efficient and requires the least amount of modification from Olympic housing to permanent housing.

The design solution allows the builder to control the amount of Olympic housing units converted to permanent housing. This will prevent housing from being built that will be unoccupied.

Permanent Housing Solution

Incorporated into the housing solution is the decision to achieve a minimum of LEED gold certification with the use of rain water collection and low flow plumbing fixtures.

The cost to convert the Olympic housing to permanent housing is minimized since the shipping containers have already been modified into Olympic housing.

The housing will be dispersed around the Chicagoland area in vacant lots creating a better standard of living rather than mass housing.

Both projects will provide jobs in the various labor fields and in the real estate field.

