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LYCEUM
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Introduction

The once iconic symbol of the Chicago Bungalow’s residential design has now become a parody of itself in its claims and appeal. When considering the next housing equivoque for the Chicago area, a future thinking and flexible design is the undeniable solution. The new bungalow model that I am proposing is a highly modular, flexible, and incrementally-built system. The timber frame is built up from a modular lightweight foundation system of helical piles that require minimum effort for installation and can be removed easily. The frame itself is composed of cross-laminated timber beams with repeating connection elements of custom-engineered steel. The exterior walls of the bungalow are comprised of correspondingly modular wooden panels; each panel itself can be modified for insertion of window and door openings. On the interior - the structural capabilities of the timber frame allows for true freedom of placement for the interior partition walls and a highly customizable floor plan. In the same way that the frame allows the architecture to build incrementally and systematically, the modest scale of modularity allows for a correlative incremental build of equity over time.

This new bungalow acknowledges that the needs of every occupant are different and ever-changing; multi-use and flexible spaces address daily use, while expansion and contraction of modules facilitate the ebb and flow of family financial and physical needs over months and years. Equity building is an outcome of this deliberate and incremental growth and investment, ensuring a higher quality of life.

The following drawings and diagrams illustrate this combination of ideas and further delves into a few typical examples of what the new bungalow could be.
Singular

Individual person looking for convenience of temporary housing and flexibility of location

Low Impact

a1 College Student moves in for a short term internship ($)

Medium Impact

b1 Witness protection program ($)

b2 Starter apartment ($$)

High Impact

c1 Air B&B ($$$)

c2 Corporate Housing for travelling employees ($$$)

c3 Recovery House ($$)

c4 Big Brother House ($$$)

Multiple

Individuals who are looking to reduce living stresses by sharing amenities and spaces

Multiple Impact

a3 Podcaster ($$)

a4 Najmi - Ink Worker ($$)

Shared

Like multiple example but the individuals have established relationships that connect them

Shared Impact

a5 Voting School Apartment and Office ($$$)

a6 Touring Circus Housing ($) (a)

a7 Full House Family ($$)

a8 Older Family without Kids ($$

Nuclear

More traditional sense of home where the individuals are related and depend on one another

Nuclear Impact

b5 Textbook and rehearsal space ($$$)

b6 In-Law Suite ($$$)

b7 Young Family in need of flex space ($) (b)

b8 Both parents working from home, two workplaces ($$$)

b9 Family adds a second story to their expanding home ($$$)

b10 Family replaces meal of farm for higher quality ($$$)
Singular
Low Impact

College Student moves in for a short term internship ($)
b7 Nuclear Medium Impact
Young Family in need of flex space ($$)
Phase 1
Single Family using flex-space as additive bedroom

Phase 2
Accrued time and savings allows for an expansion

Phase 3
Master Suite and Second Story with outdoor space is added