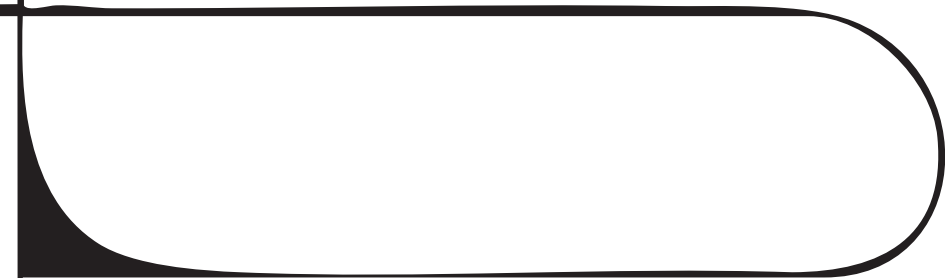
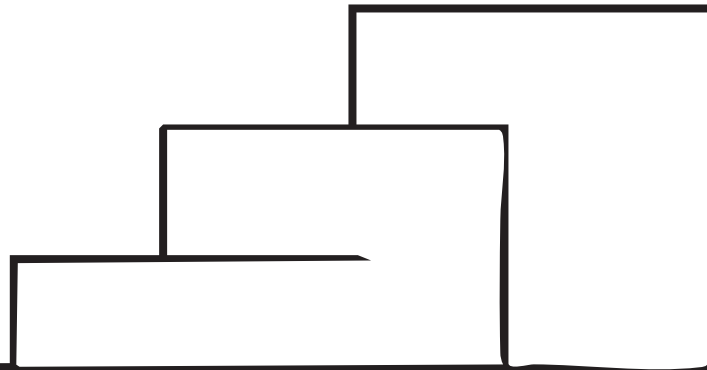


Hidden Cohabitation

*Architecture
design*



Calvin Mlcek

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Hidden Cohabitation

Arch 3410 | Design Studio 3

Instructor | Bart Overly

Hidden Cohabitation is a speculative **student housing** project designed for **two scales of inhabitants: half-scale and double-scale** occupants living within the **same architectural system**. The building includes **sleeping areas, shared kitchens, bathrooms, study zones, circulation cores, and communal gathering spaces**, all adapted to support drastically different bodily relationships to space.

The design investigates how **scale, proportion, and daily rituals shape the way people live together**. It explores **coexistence, visibility, and spatial negotiation**, challenging conventional housing norms by asking how architecture can **support communities** with fundamentally **different physical experiences** of the **built environment**.

What sets Hidden Cohabitation apart is its use of **dual-scale spatial strategies**. Elements such as **stairs, furniture, doorways, and thresholds** are reinterpreted to serve **multiple body scales**, creating moments of **overlap, separation, and shared occupation**. Movement through the building becomes an exploration of **relative size**, turning everyday domestic life into an ongoing **spatial dialogue**.



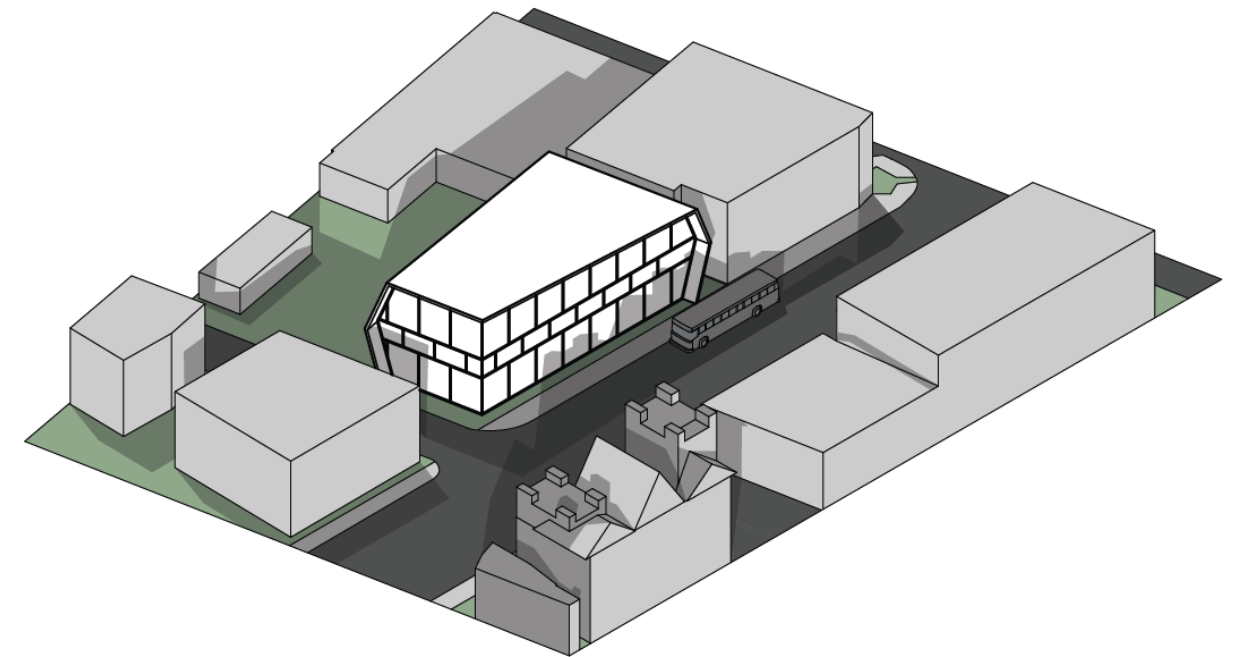
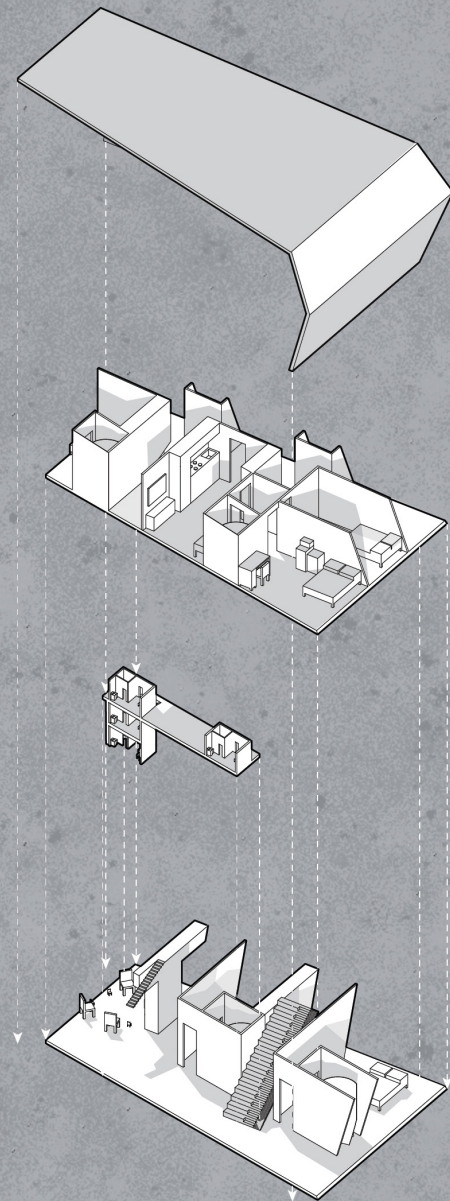
Front Section

Front section shows **two floors** displaying **varying scaled spaces**, **movement system**, and **lobby**.



Right Section

Right section shows **two floors** displaying **varying scaled spaces**, and **movement system**



Hidden Cohabitation Site

The site for this project is located on the **corner of 5 th avenue and N Wall Street**. The project is bounded by a **service road** on one side (N Wall Street), and **busy urban avenue** on the other (5 th Avenue).

