Jiminy Crickets

MULTIFUNCTIONAL SNACK CONTAINER + TEA LIGHT HOLDER

Jiminy Crickets is a snack container for fried crickets-on-a-stick that doubles as a tea light holder. Comprised of a wooden snack stick and inflammable mylar paper, the design makes eating food served on sticks less messy and of an individual experience. Upon devouring this surprisingly savory snack, adventurous foodies can use the leftover container or assemble a bunch of them together to produce a assortment of undulating, voluminous forms that can hold two light candles. The overall design emphasizes on trying something new and unfamiliar, by tapping into the user’s explorative, playful side.

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With the desire of utilizing the snack stick as a binding instrument, the design is focused on creating a secondary container, using threading as the method of joinery between the two. This concept was explored + tested by experimenting with different material types.

Organic Shape
Leaf-shaped container designed to evoke memories of catching the very food we eat, molded against our hands

Catchment
Working with the user’s chin, the design contains and catches fallen bits when they fall off the stick, but before they land on the ground

Sharing
Users can take the food off of the stick - the final product will collect inside the container and can be passed around to others to be shared

Exploration
Upon devouring the snack, one can use the stick to anchor holder in the container, creating volumes that hold a single tea light candle
Plotline

CAMBIE VILLAGE’S NEIGHBOURHOOD LIBRARY + PUBLISHING HOUSE

Plotline is a neighborhood publishing library, focused on the making, keeping, and sharing of stories from ordinary people. Situated in one of Vancouver’s oldest neighborhoods, this self-generating library allows the people of Cambie Village to discover ways to create, publish, and share personal stories in a print context. The space doubles as a community living room, where one can explore, lounge, and peruse the shelves to learn about the lives that make up this great community. Grounded in the concept of objective, independent distribution of information, the building’s form and programming follow the sequence of a story plot.

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Ground Storyboard

"Stories" from Ordinary People
Collaboration + Co-Production
To Publish
Accumulate to Establish
Stories + Creative Works
Archive
Community Learning + Stories Network
"Putting it on the Map"

Storybook Setting

The intersection of Cambie and West 13th stands as an introduction to Cambie Village. The open Ground floor and upper floor/loft spaces of the building attempt to reflect its surroundings.

Site Considerate

As a transient community space, Plotline retains the existing walking path and residential access.

Spatial Storyboard

Main floor spaces for brainstorming, ascending spaces for creation, and top floor for sharing.
With the ocean to its south and the mountains to its north, Peace Arch Elementary School sits in a quiet White Rock suburban neighborhood. As a designer, I was informed by the Parent Council that the school required an updated, interactive map that not only outlined its layout, but highlighted key gathering spaces for various events and activities that occur throughout the academic year. After a couple of meetings, I explored ways to highlight the school’s identity by incorporating its logo and spirit animal in unique ways, as well as celebrate Peace Arch’s long-standing French Immersion program and culture. In the end, a colorful marker board was produced as an interactive map, which capitalizes on simple shapes and a playful palette as powerful wayfinding tools.

Freelance Design Work
2017
Harwood Manor

CONTEXTUALLY-BASED BUILDING ENVELOPE RENOVATION

Harwood Manor (1133 Harwood St) is a 27-year-old residential complex in need of building envelope renovation. As Project Coordinator of BC Building Science Ltd. (BCBS), it was my responsibility to correspond and translate the client’s comments and design input into a visual format, producing a comprehensive set of architectural drawings and construction details for permit. Ultimately, it was decided that the existing wall assembly would be reinforced with new EIFS and acrylic cladding. Along with necessary membrane replacements, all windows and exterior doors will also be replaced with new equivalents. In addition, a proposed colour scheme has been set forth for client consideration that follows that of the neighborhood, while adding a splash of vibrancy and dynamism.

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In contrast to the existing building (top), the proposed color scheme seeks to harmonize with that of the neighborhood, while showcasing its unique personality and character.
With Vancouver’s growing population and flourishing ventures, this project explores the potential for work/live developments to revitalize existing neighborhoods, by combining affordable housing and civic economies that cultivate an open, social community culture. Located at the corner of Ontario St. and E. 5th Ave., deCRESCENDO is part of a complex of 6 interconnected work/live structures. At street level, the building houses a multifunctional test kitchen - a professional enterprise that doubles as a public space to allow ordinary people to cook and experiment with food. Above, an open living space is created to fulfill the domestic and musical needs of a trio of musicians. Overall, the design reflects the decrease in noise and sound generation, moving inwards and up.

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SYNERGISTIC WORK + LIVE HYBRID DWELLING

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SYNERGISTIC WORK + LIVE HYBRID DWELLING

Green Space
Access to green space in vertical living is executed by carving out a portion of the upper level, creating a mezzanine level for all to enjoy.

Site Considerate
By cantilevering the domestic space above, not only are we able to create more living space, but also generate an awning for the sidewalk below.

Public and Private Entries
With the 2 different building programs, a public test kitchen entry is located on the busier Ontario St., while a residential one is located on E. 5th Ave.

Energy Efficiency
To create a more energy efficient building, the locations of windows and doors have been standardized, so as to capitalize on solar power.
The building’s massing model depicts the spatial divisions and connections within each program, while translating design concepts 2D to 3D. Both kitchens and spaces occupied by musicians generate a multitude of sounds. Thus, the building’s form is derived from noise cones, illustrating the spectrum of sound (previous page). The organization of building programs too follows this methodology, as demonstrated in the floor plans (above).
The design of the building focuses on providing an inviting learning environment, allowing learning to take place in a public space for the community. The roof system serves as a tie that binds and harmonizes the various different programs that the building houses.

Further, the palette of curtain wall system and brick finish indicates to users which areas of the building are accessible to whom.

The sinuous, undulating nature of the roof emphasizes on balance between school and life, providing them with a relaxing atmosphere that emphasizes on balance between school and life and harmonizes all of the building programs together.

The main floor is home to various learning techniques and formats that the School is known for with the focus on the heart of the community. The floor above is study for students and faculty providing them with a relaxing atmosphere that emphasizes on balance between school and life.
Amidst the throng of high-end commercialism and cutthroat capitalism that dominate Downtown Vancouver, in an alleyway just off of Robson and Burrard, one will stumble upon Macrodumpling. Centered around a steamed dumpling and tea restaurant, the project allows users to experience a joint process that occurs in the making of both food items: condensation. This natural phenomenon becomes the featured attraction of the building, which seeks to tap into the five senses of visitors and customers alike, familiarizing them with the sensorial nature and quality of steam and water.

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Model Experimentations
The condensation envelops diners as they are seated within glass-clad pockets, creating an intimate dining experience from public to private.

Building Section and Plans
The building section (above) displays the intimate nature of the design and its connection to the greater Robson Alley. No floor plans are the same (left); this is to prompt users to move around and explore the building to take in the full condensation process.

Form Development
Twisting octagonal floorplates emulate one of the last steps in making dumplings: twisting the dough to secure the filling inside. Interior to these twisting floor plates, glass seating structures encourage users to use their five senses to experience the sensorial nature of condensation.
Thank you for your considerations

Appendix

Harwood Manor
As Project Coordinator and Technologist at BC Building Science Ltd. (BCBS), I was assigned to create the comprehensive construction and drawing package for 1133 Harwood St for permit and construction. A major component of my role is to revise and construct building envelope details based on BCBS templates and onsite photographs. In addition, Principal Andrew Creighton tasked me to create the building’s 3D model and come up with various preliminary color schemes as a part of the proposed scope of work outlined in our contract with strata. The project is currently at the stage of permit application. All drawings, images, color schemes belong to BC Building Science Ltd. (2017).

Macrodumpling
Collaborating with Darcy Kneier on this project, my role began with creating various schematic and programming diagrams, based on notes and ideas presented during our brainstorming and desk crit sessions. Once the building form was determined, we divided up tasks. I was in charge of creating the plans, sections, elevations, and site analysis of the project. Together, we experimented with steam using concept models that we both produced, while contributing to the development of renderings in Rhino 3D, Keyshot, and Photoshop.