

An aerial photograph of a city street grid, viewed from a high angle. The streets form a dense pattern of squares and rectangles. A solid green horizontal banner is positioned at the bottom of the image, containing white text. The text 'Erika MacKay' is in a large, bold, sans-serif font. To its right, the text 'BAA- Interior Design Portfolio' is in a smaller, bold, sans-serif font, with the email address 'ErikaMacKayDesign@gmail.com' in a regular font below it.

# Erika MacKay

**BAA- Interior Design Portfolio**  
ErikaMacKayDesign@gmail.com



## About Me

As a student in the Bachelor of Applied Arts: Interior Design program at Algonquin College in Ottawa, Canada I am working on expanding my knowledge of design and the built environment. I am currently in my final year of this four year program and am beginning to consider my options for post-graduate education and career opportunities. I am particularly interested in urban development and sustainability and have been educating myself as much as possible on these topics. I believe that good design brings with it the potential to influence both humans and the natural environment in a positive way and I am enthusiastic about the future challenges, which this industry may face.

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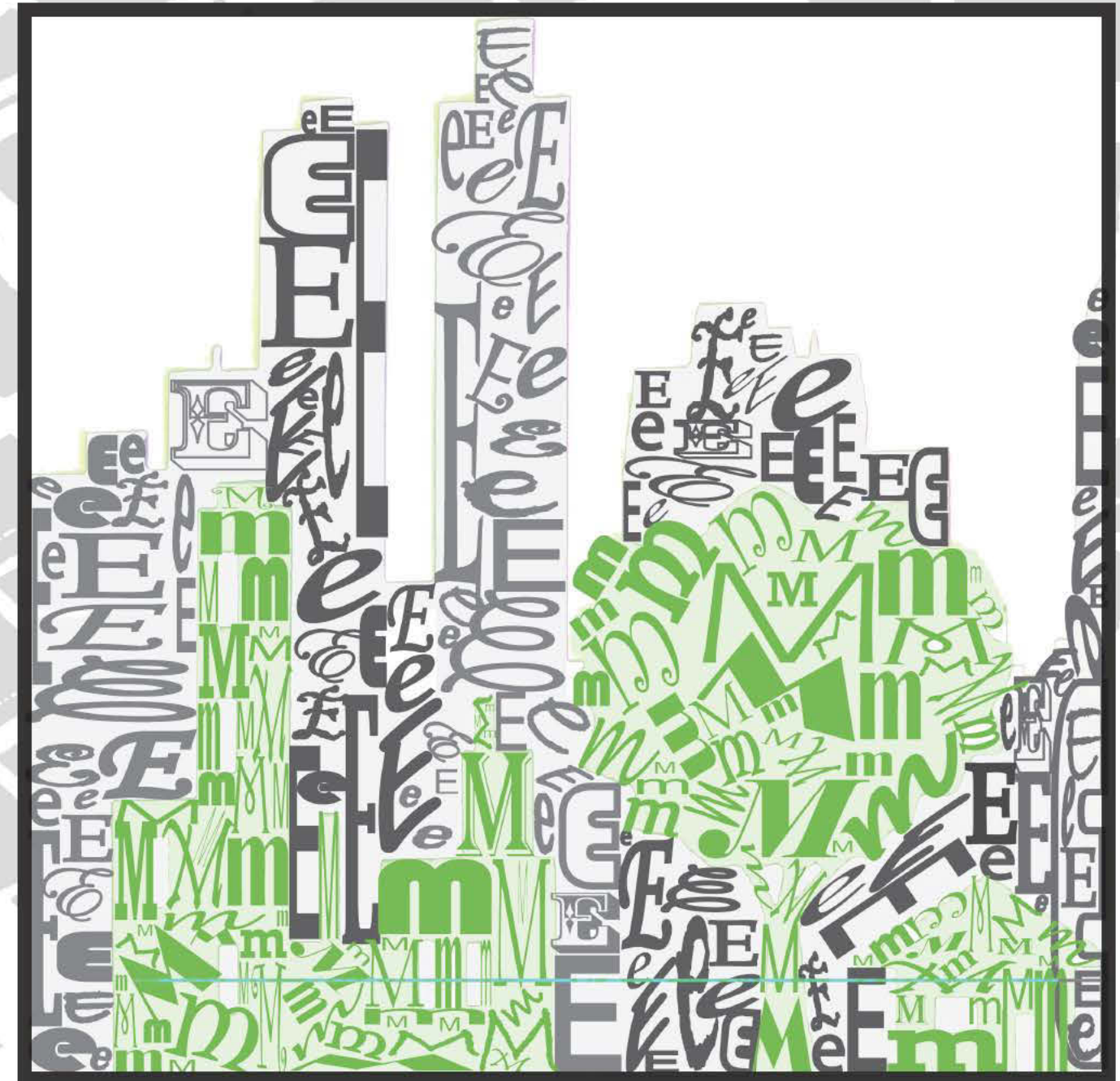
Hospitality Design

Retail Design

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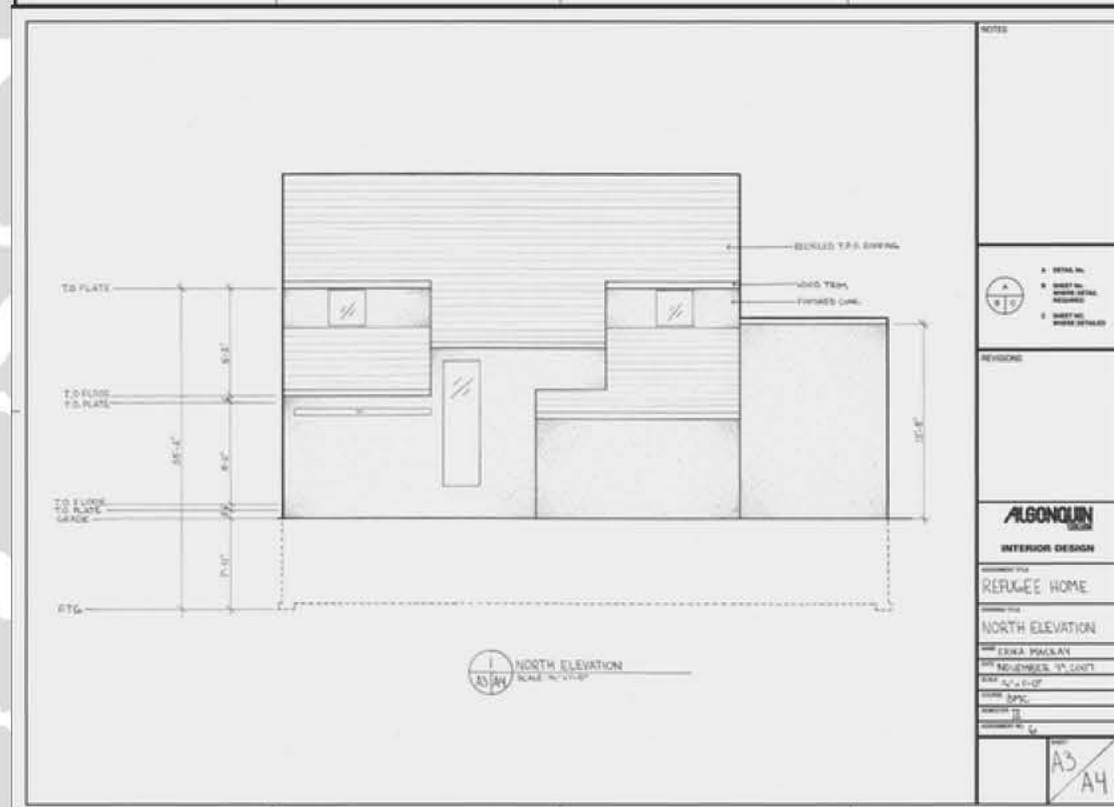
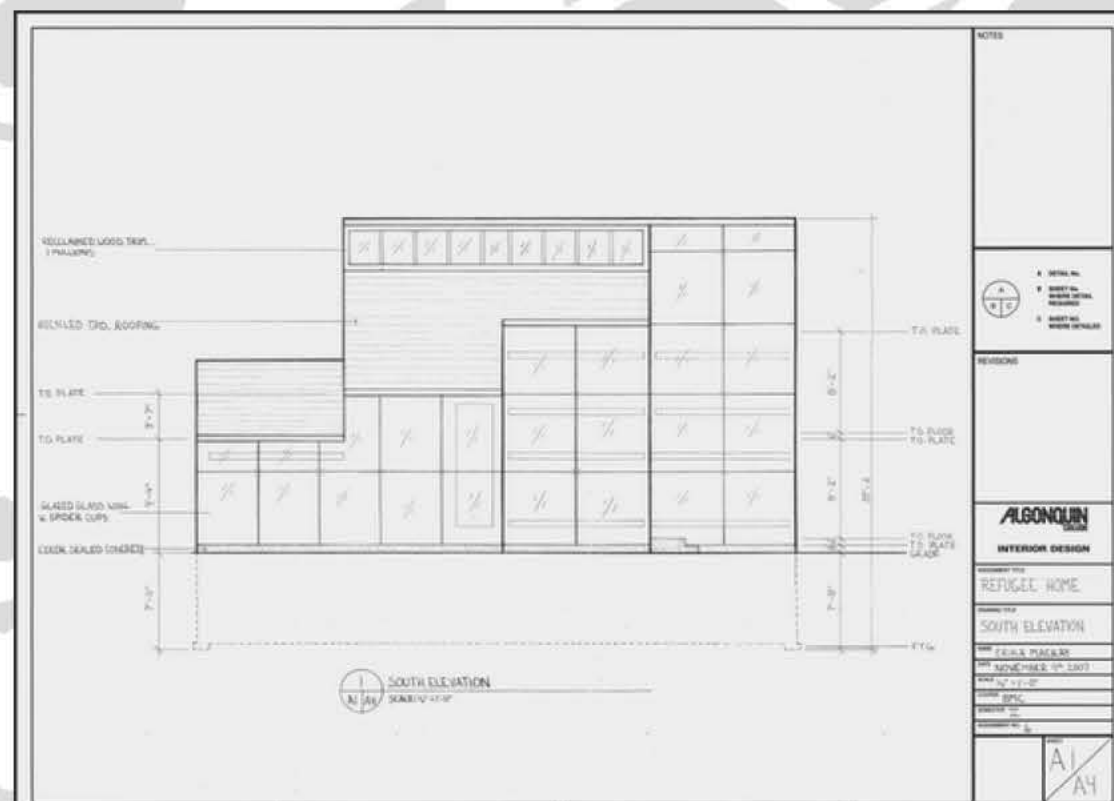
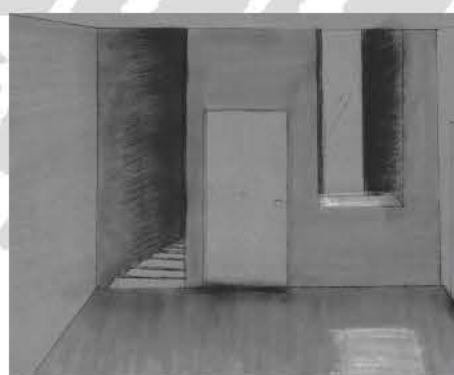
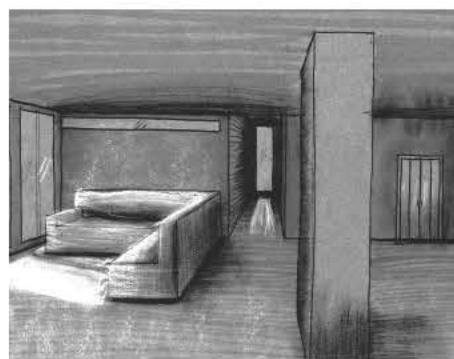
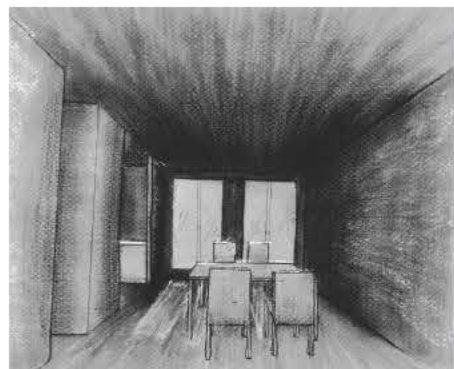
This group Project was completed with two other Interior Design students and was a response to a low income housing issue presented as an IDEC competition. This solution utilized surplus shipping containers to create a modern yet liveable dwelling environment. The unit was created with specific consideration of accessibility and universal design principles. Our concept revolves around flexibility and a feature of this home is sliding partitions which can accommodate evolving tenant requirements. This project was chosen as one of three Algonquin College finalists to be submitted to the IDEC competition.

## Residential Design: IDEC COMPETITION Shipping Container Housing Solution

Hand Rendered Plans & Elevations, Sketch of bathtub design & Photoshop Presentation board layout

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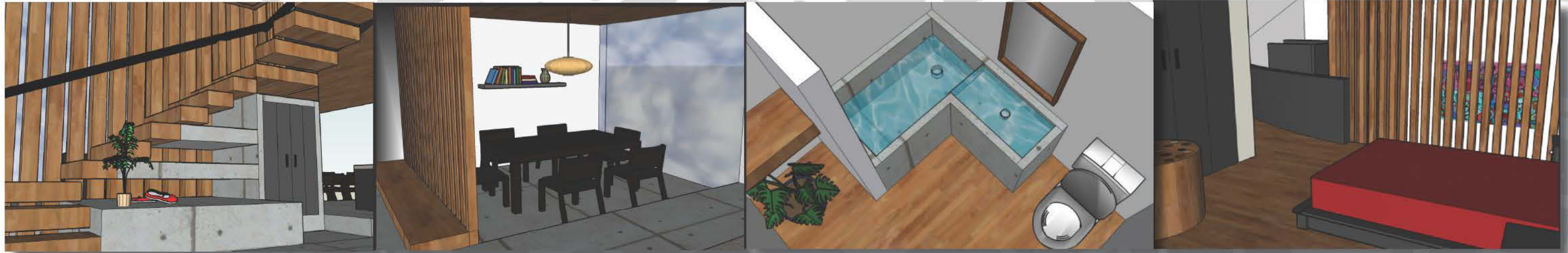
The residence was designed to provide a haven of new beginnings for refugees as they begin their lives in Canada. The parameters of the project involved hand drafting plans, sketching, and modeling making. This project also included an extensive lead component requiring mock evaluation sheets, research, and understanding of the purpose of LEED and it's credits.

# Residential Design: Transitional Housing for Canadian Refugees

Marker, Pencil & Conte sketches, Hand Drafted Elevations, &

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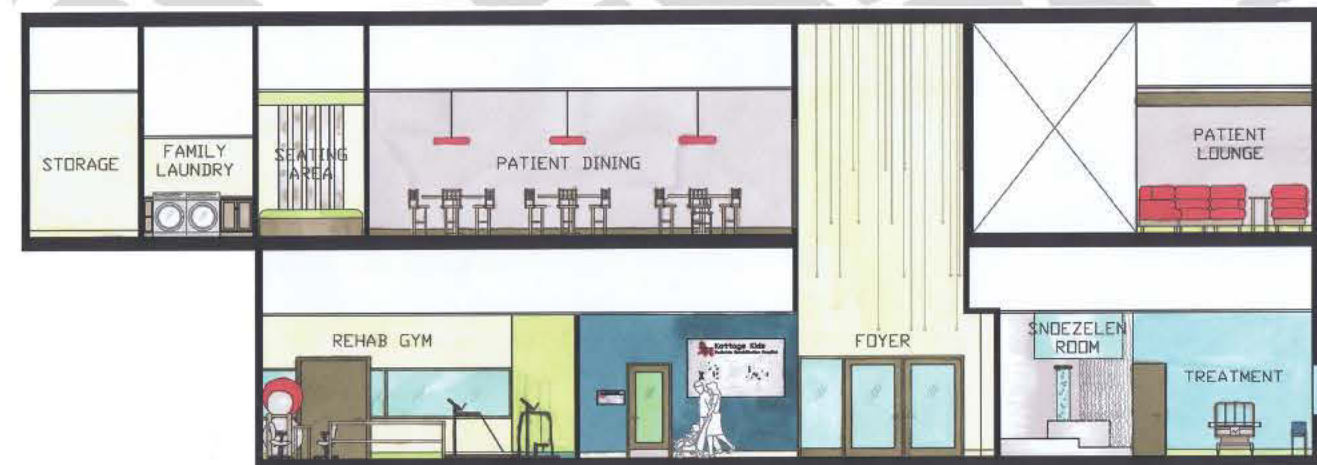
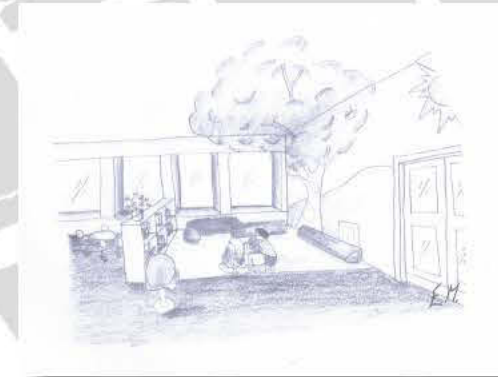
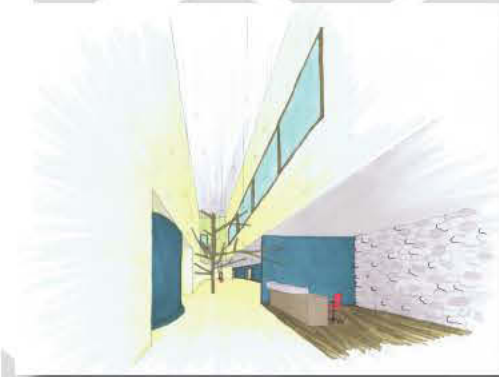
This project required the conversion of an empty commercial space into a two storey loft focusing on sustainability and modern design. This solution incorporated raw materials, and explored the concept of transparency with unconventional materials. Concrete with glass aggregate was used in some areas to allow silhouettes of the space behind to show through. Transparency was also created with wood beams dividing spaces, as shown in the above Sketch Up images. Concept development, hand drafting and rendering, 3d modeling, and visual and oral presentation skills were developed extensively through the course of this project.

## Residential Design: Dwelling Place, Residential Loft

Hand Drafted & Rendered Floorplans, Views from Sketch Up model of space.

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Dealing with serious or long term health concerns can be an exceptionally stressful ordeal, particularly for children. The intention behind this Healthcare studio project was to create space with the ability to influence people in a positive way. This project required extensive research of the health care field as well as proposed locations for the facility.

# Healthcare Design: Kottage Kids pediatric Rehabilitation & Treatment Center

AutoCad Plans & Sections; Hand Rendered, & Concept Sketches

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# SKY LOUNGE

Experience the Energy ...

This assignment was an introduction to Autodesk VIZ computer rendering software. The project depicts views of a hypothetical lounge space with individually rendered furniture and light fixtures. The various phases of the creation of this model included; modeling, rendering textures, inserting radiosity lighting, and creating dynamic views.

**Hospitality Design:** 'SKY LOUNGE' AutoDesk VIZ Model

Computer rendered model using radiosity lighting and texture tools.

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**EUROFUSION**

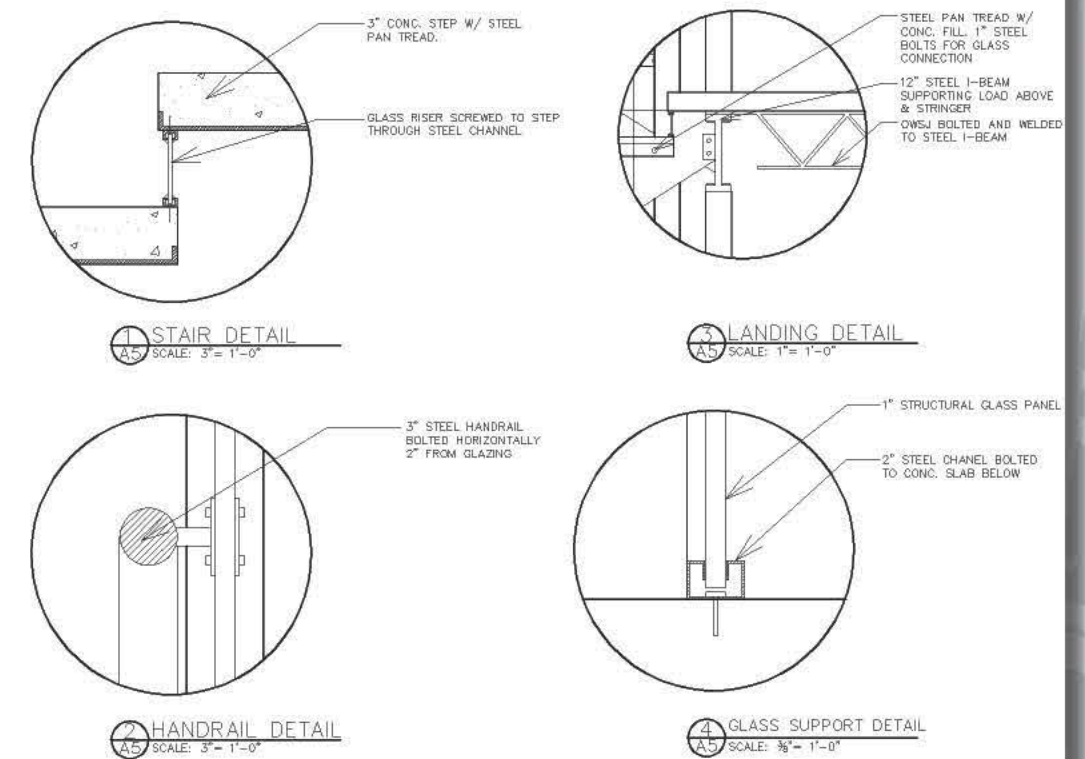
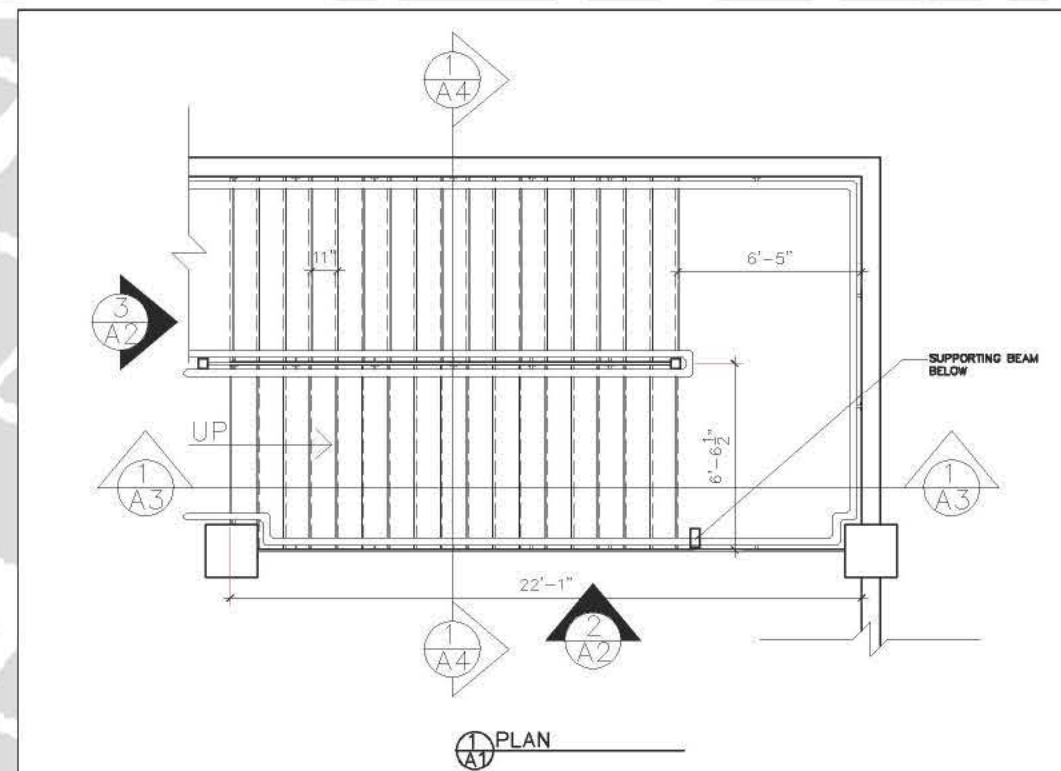
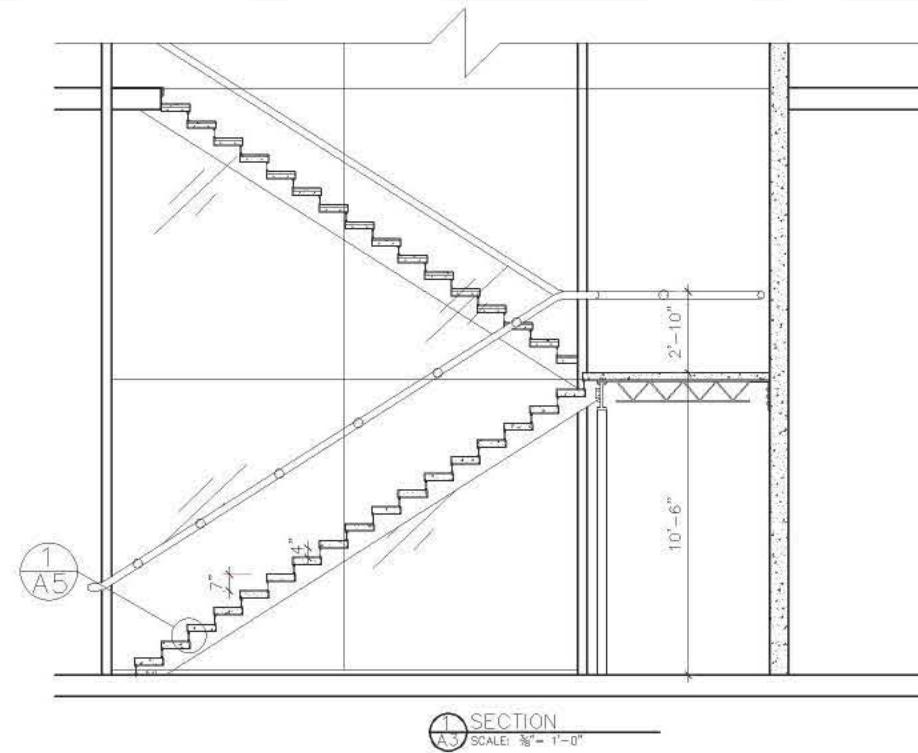
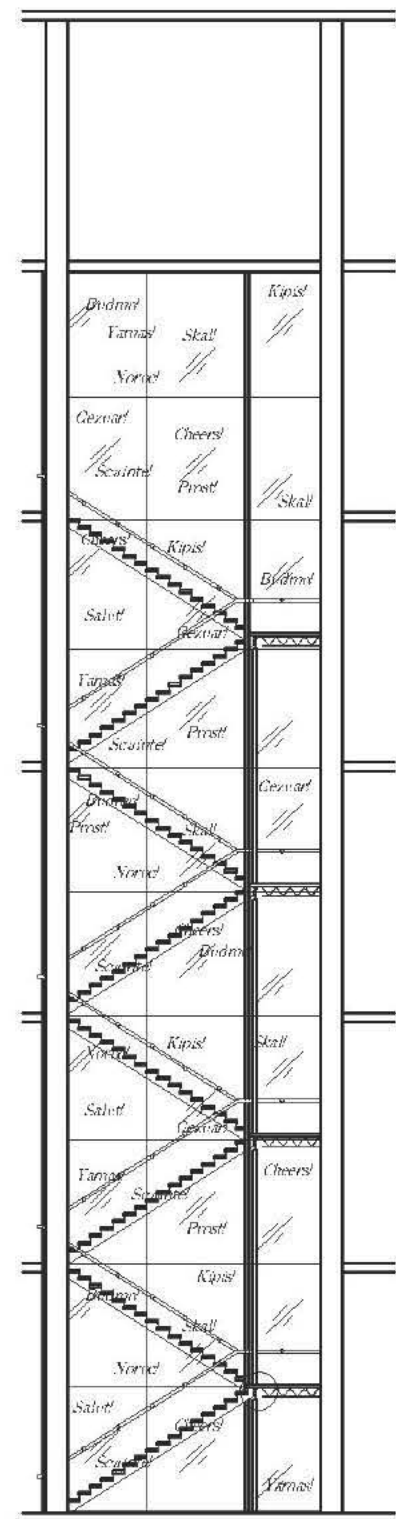
This six level restaurant and nightclub project created an opportunity to explore the use of three dimensional space. The programming for this project involved the creation of a business proposal complete with suggested location, concept, spatial studies, and even menu design. This comprehensive project challenged a wide range of skills from concept development, to drafting, to time management.

**Hospitality Design:** Eurofusion Restaurant & Nightclub in London, England

AutoCad Plans & Sections; Photoshop Rendered, & Original Logo Design

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**EUROFUSION**

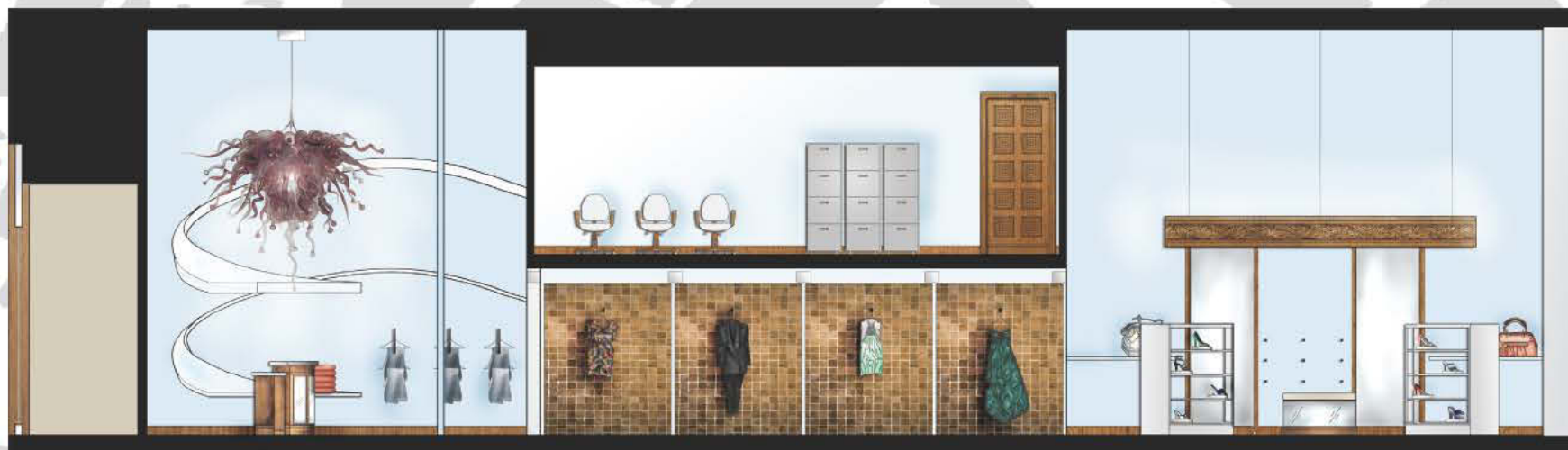
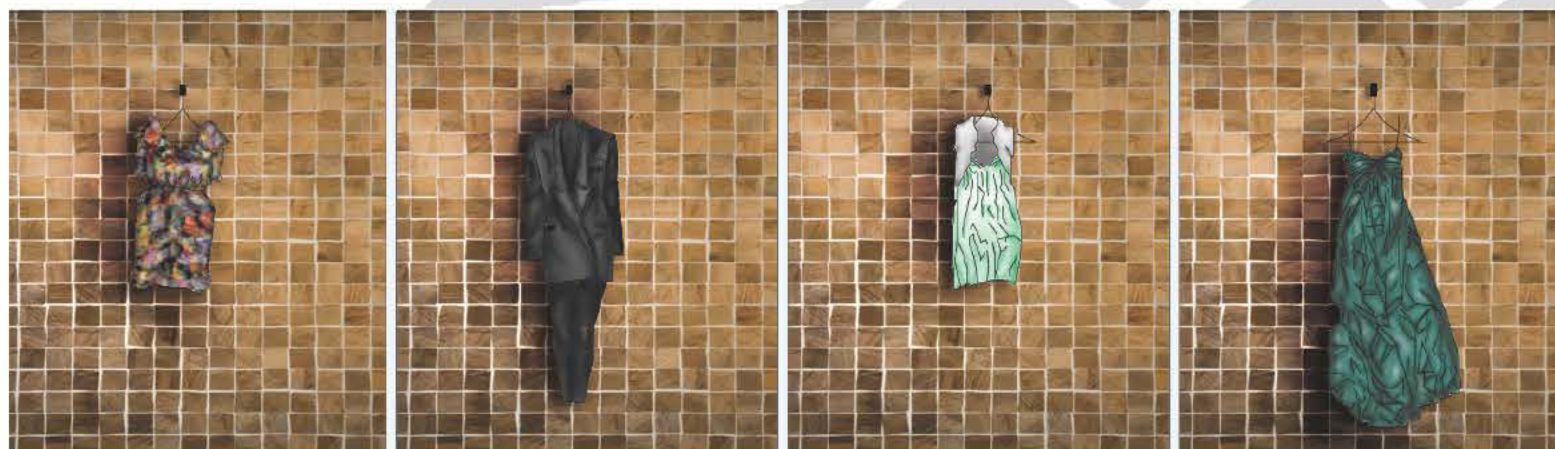
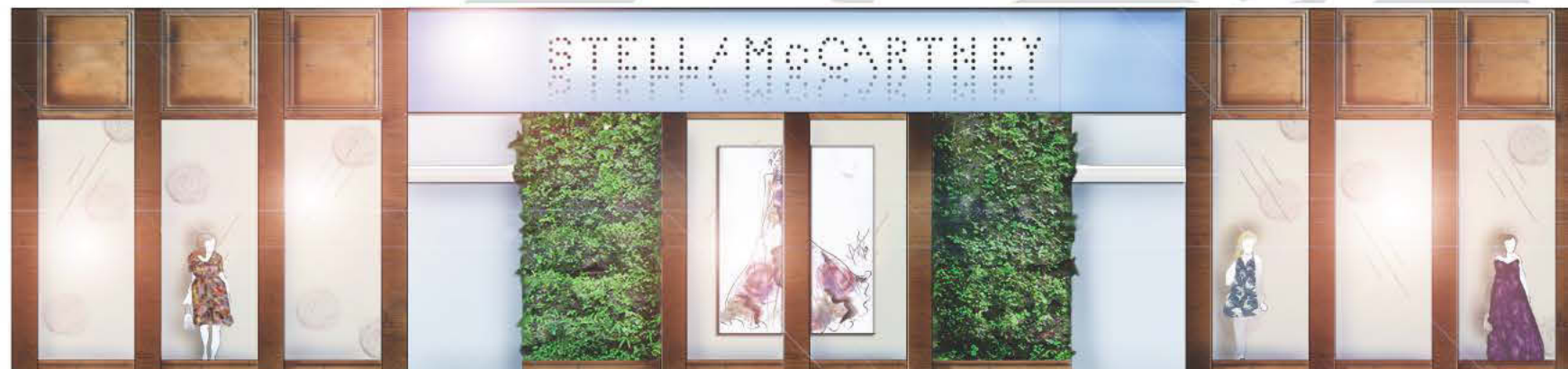
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## Hospitality Design: Eurofusion Restaurant & Nightclub in London, England

## AutoCAD: Custom Staircase Detail, & Original Logo Design

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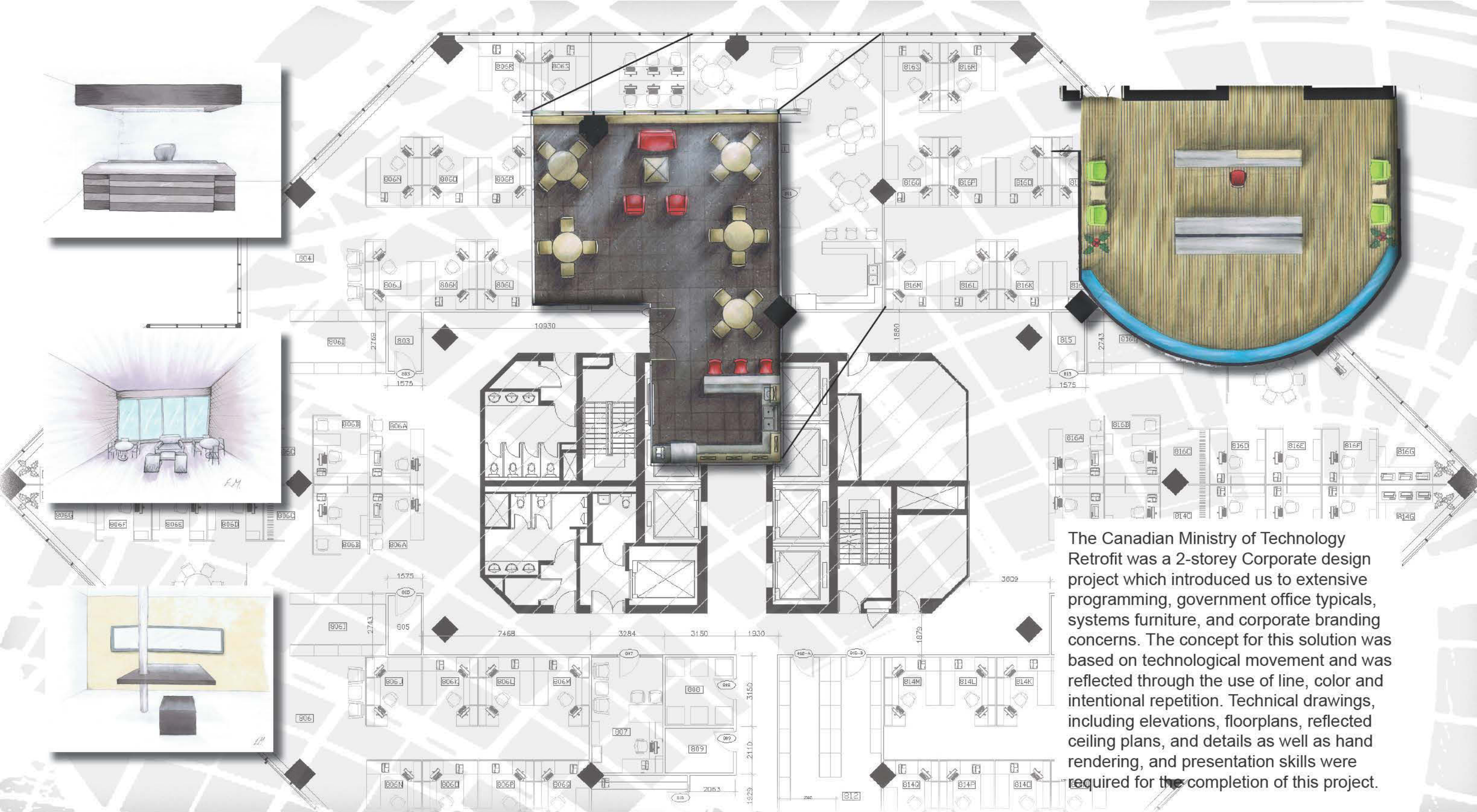
This project required the development of an understanding of the haut couture fashion industry, fashion merchandising and retail branding. The project provided an opportunity to showcase our research skills as well as our AutoCAD, Photoshop rendering, and overall presentation capabilities. The concept for this Stella McCartney store focused on authenticity and flow. Feature conceptual elements include the custom 'wave-like' display fixture, 'wave' lighting element, and a green wall for visual interest as well as functional air quality improvement.

## Retail Design: Stella McCartney Costa Rica Location

Fashion Research & Merchandising, Programming, Space Planning, AutoCAD, Photoshop Rendering

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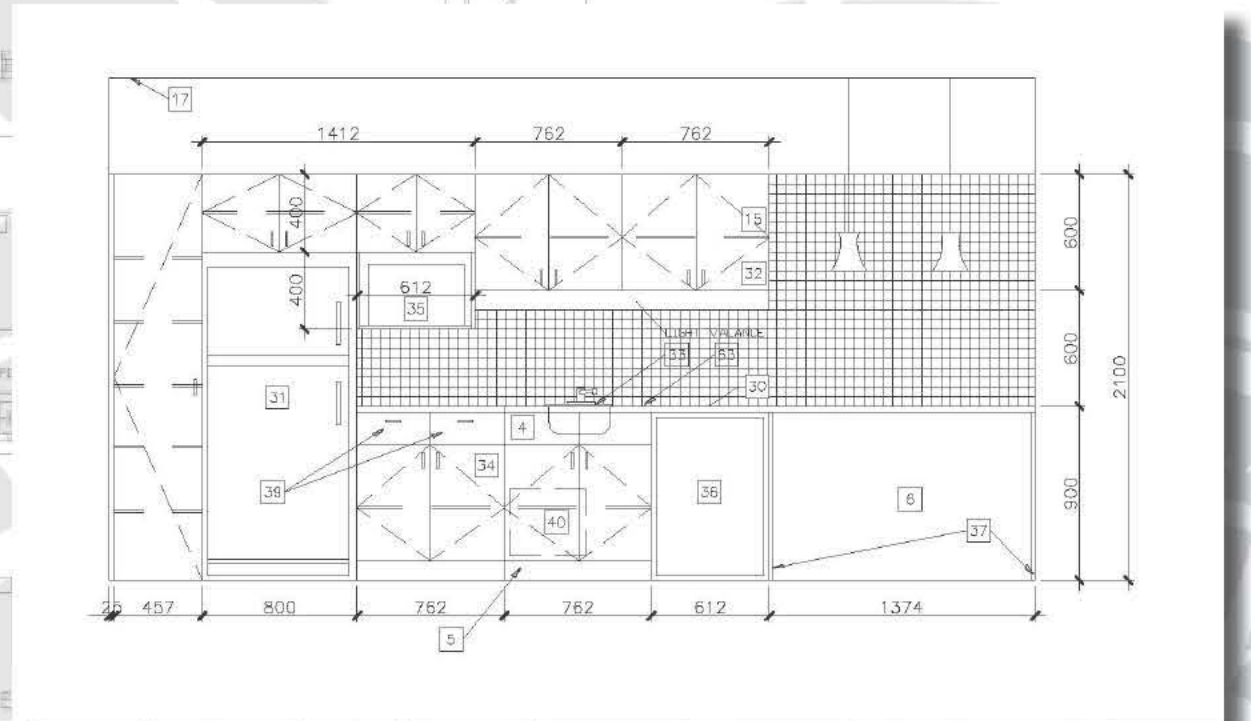
The Canadian Ministry of Technology Retrofit was a 2-storey Corporate design project which introduced us to extensive programming, government office typicals, systems furniture, and corporate branding concerns. The concept for this solution was based on technological movement and was reflected through the use of line, color and intentional repetition. Technical drawings, including elevations, floorplans, reflected ceiling plans, and details as well as hand rendering, and presentation skills were required for the completion of this project.

## Corporate Design: Canadian Ministry of Technology Retrofit

Digital Photographs & some Photoshop Editing

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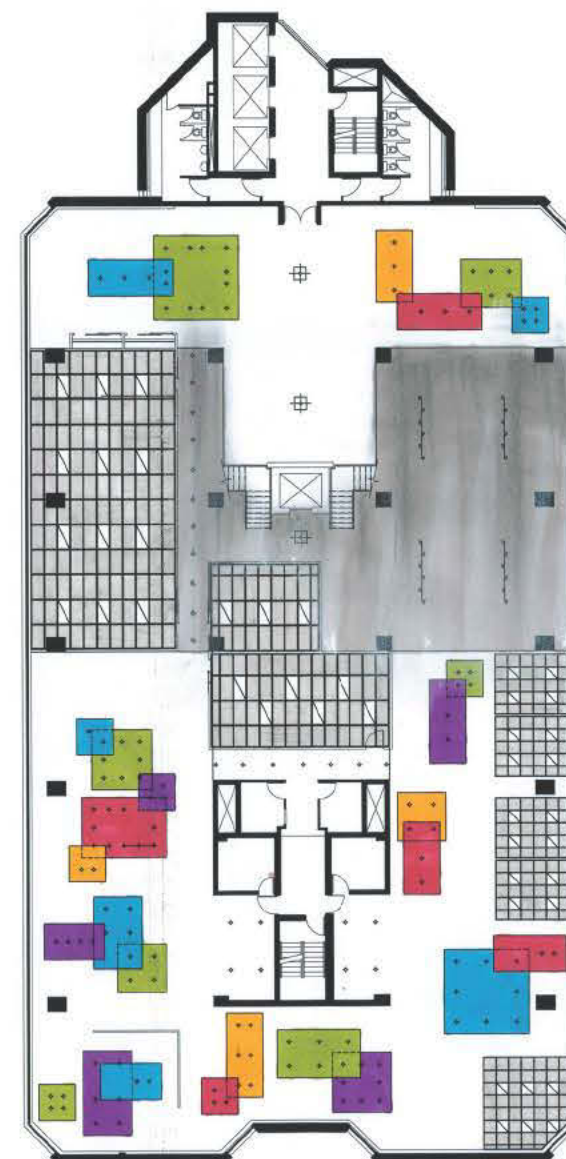
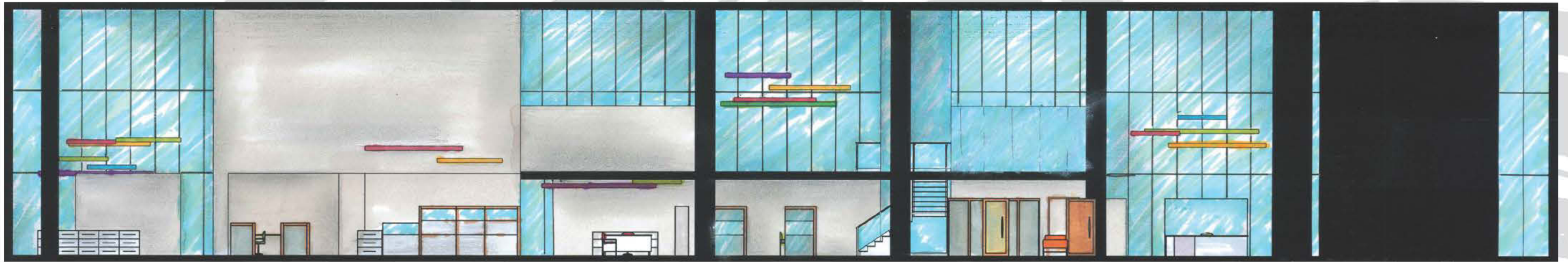
The work shown on this page demonstrates some of the primary project task which I completed in the summer of 2008 while working for Goguen & Company Architecture & Planning in Fredericton, New Brunswick. I was involved in various stages of the design process including; meeting with clients, material specification and research, LEED calculations, AutoCAD drafting, millwork design, and Sketch Up modeling.

**Commercial Design:** C.U.P.E. LEED Certified Office

Sketch Up reception model, material samples, & AutoCAD plans, Interior Elevations & Details

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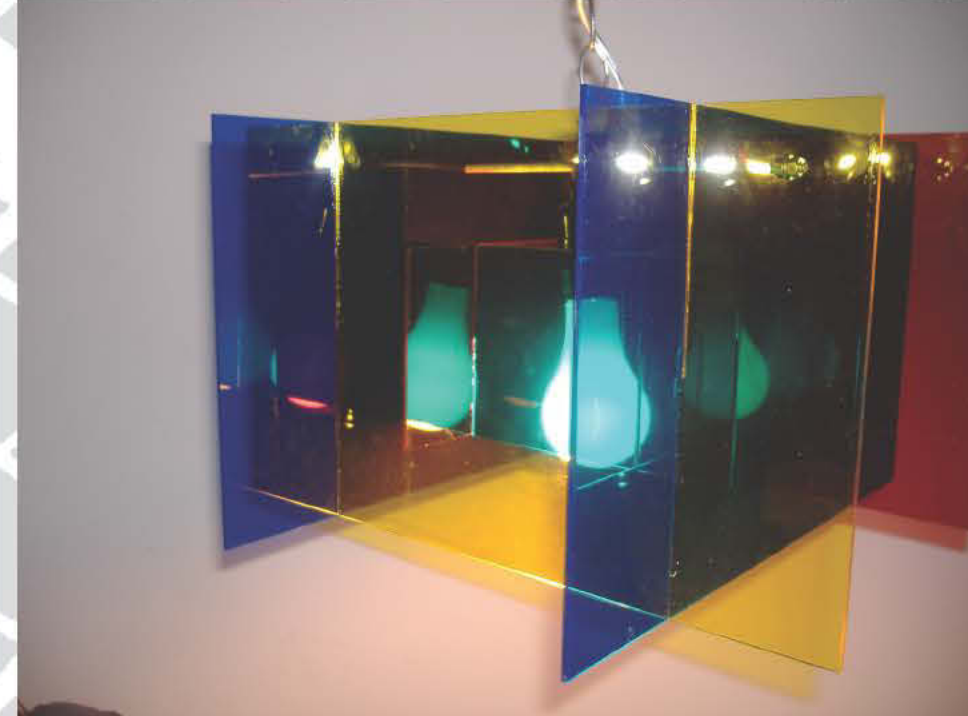
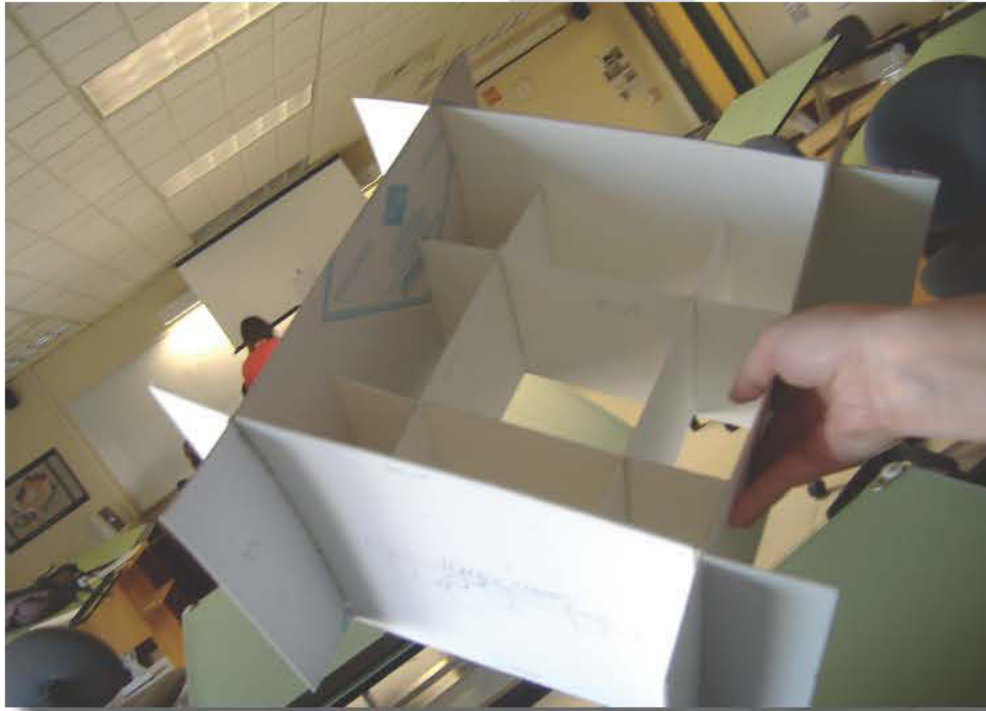
This project completed in a group with two other design students focused on expanding our knowledge of systems furniture, retail and corporate design. This unique scenario required the integration of working office spaces within a Teknion furniture showroom. The concept for this space developed from Teknion's own philosophies. This space is programmed to fit together in a 'puzzle-like' manner.

## Corporate Design: TEKNION Furniture Showroom

AutoCad Floorplans, Reflected Ceiling Plans, & Section; Hand Rendered. Hand Rendered Perspective

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This project involved the conceptualization and physical creation of a functional light fixture. The concept for this fixture is based on the fact that light is made up of color and appears differently depending on the colors and textures from which it is reflected. Types of light can also have an effect on how light is perceived. All colors are derived from the three basic shades of; red, blue, and yellow. The relationship between light and color as explored through this design is dependant upon the transparency of each layer of colored material. The intention of this piece was to explore the possibilities of basic color theory in lighting. The fixture benefits from the wide color spectrum of it's incadescent lightbulb and the reflective nature of it's plexiglass material.

## Lighting Design: Exploring Color, Transparency, & Layers

Functional Plexiglass Light Model

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**Thank you for looking over my portfolio**

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