

# BITARCHITECTS

ARCHITECTURE, ENGINEERING & INTERIOR DESIGN

*“Making Architecture and Design attainable & equitable”*

BITARCHITECTS FALL 2024 INTERNSHIP PORTFOLIO

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## I- INTERN INTRODUCTION

### **RHEA ZEIDAN**

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#### **Attentive, Patient, Resilient**

Ms. Rhea Zeidan holds a bachelor's and a master's degree in architecture from the Holy Spirit University of Kaslik, in Lebanon. She has extensive experience tutoring architecture and interior design students, guiding them through every phase of their projects, from initial concept to final execution. Her patience and attentiveness foster a collaborative environment, making it easier for her colleagues and students to work effectively with her.

II- ARCHITECTURE PROJECT (A)

3625 INGOMAR PL NW

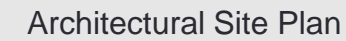
**Project Type:** Residential: 1-Family House | Remodel  
**Project Owner:** Mr. Adam Hiltebeitel  
**Project Valuation:** 926,053.00 USD

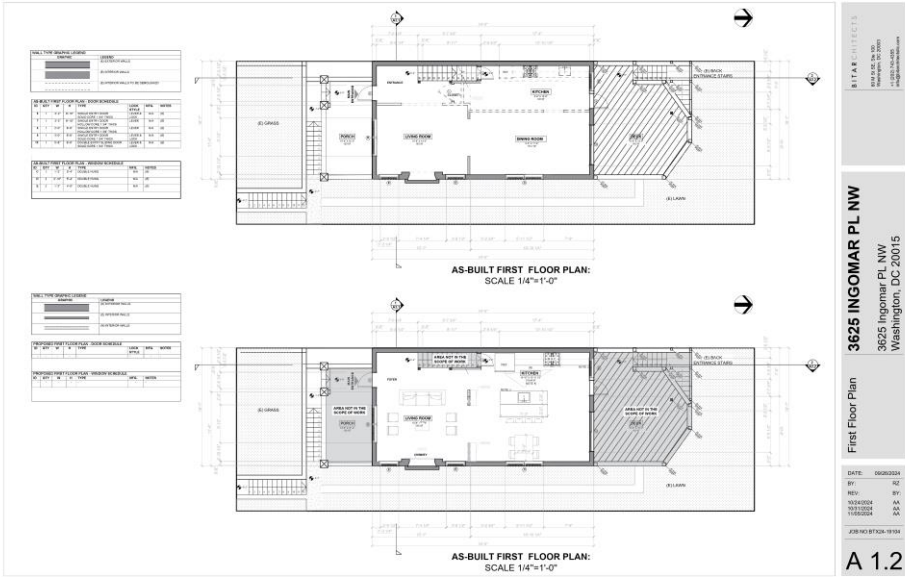
**Project Brief:**  
The project at 3625 INGOMAR PL NW focused on modernizing Bathrooms I and II while retaining the existing fixtures. Bitarchitects also expanded the existing kitchen by removing a non-load-bearing wall and adding a new island, enhancing both functionality and aesthetics. Additionally, all existing windows were replaced with new ones of the same dimensions, ensuring an updated yet seamless appearance. This project combined thoughtful updates with careful preservation of the original layout, delivering a refreshed and more functional living space.



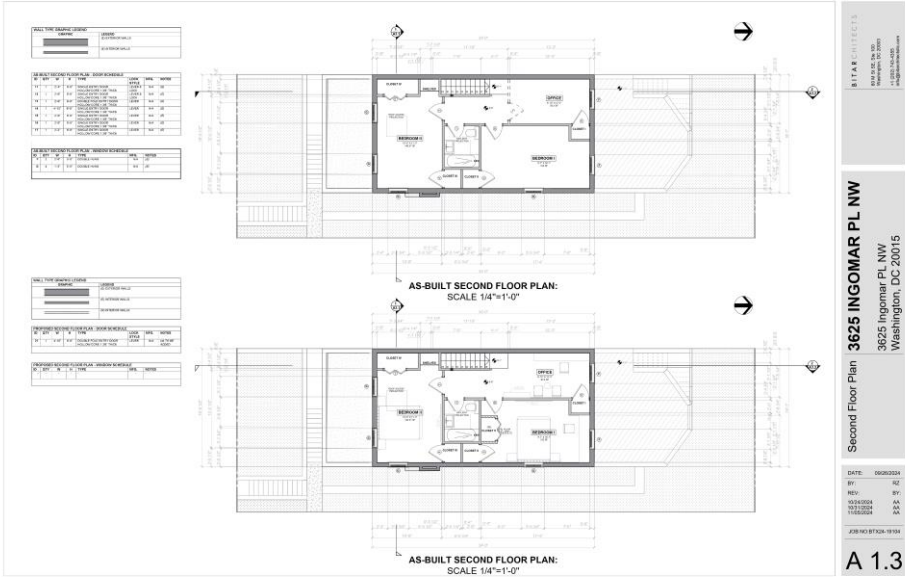
Title Sheet

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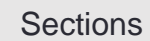


First Floor Plans



Second Floor Plans

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Second Floor Fire Protection and Exit Trail Plans



Basement Floor Wall and Floor Finishes Plans





Basement and First Floor Ceiling Finishes Plans



Basement Electrical Plans

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## Basement and First Floor Plumbing Plans

2405 RAND PL NE

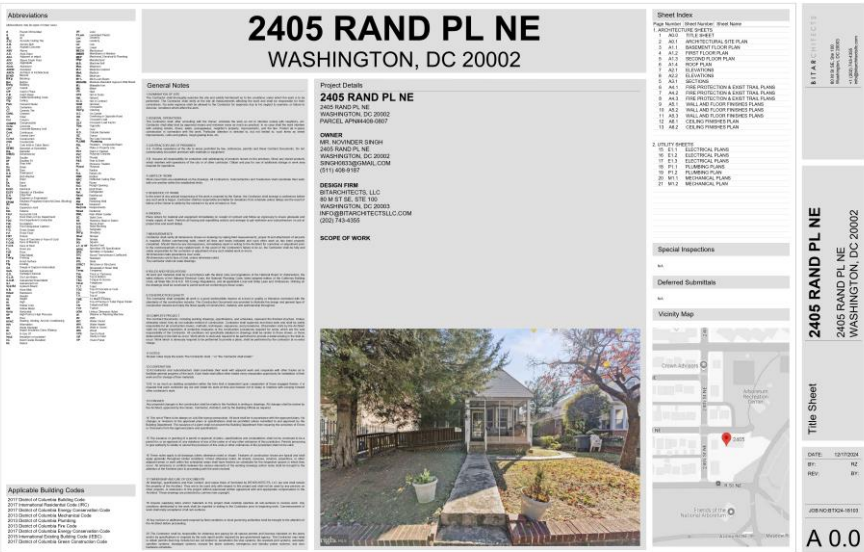
Project Type: Residential: 1-Family House | Addition & Remodel

Project Owner: Mr. Novinder Singh

Project Valuation: 620,254.00 USD

Project Brief:

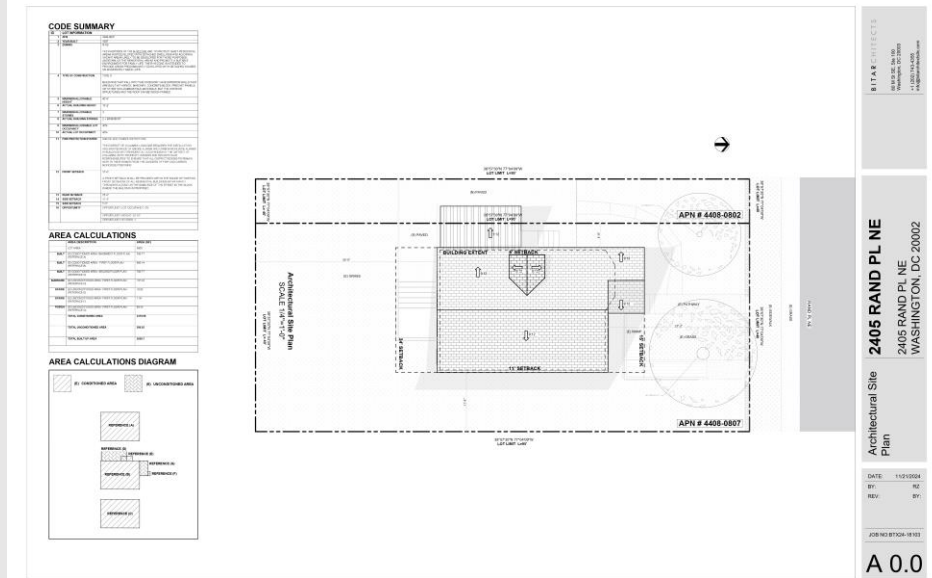
The project at 2405 RAND PL NE for Mr. Singh involved a comprehensive renovation by Bitarchitects. The work included removing an outdoor covered porch and reconfiguring the basement, first floor, and attic to create a functional second floor. Key changes involved removing the dormer, designing a new roof structure, and transforming the attic into livable space. The renovation modernized the home, enhanced functionality, and adhered to all regulatory requirements. Bitarchitects prioritized detailed planning, precise execution, and thorough documentation to deliver a design that met Mr. Singh's vision while exceeding expectations. This project showcases Bitarchitects' expertise in complex renovations.



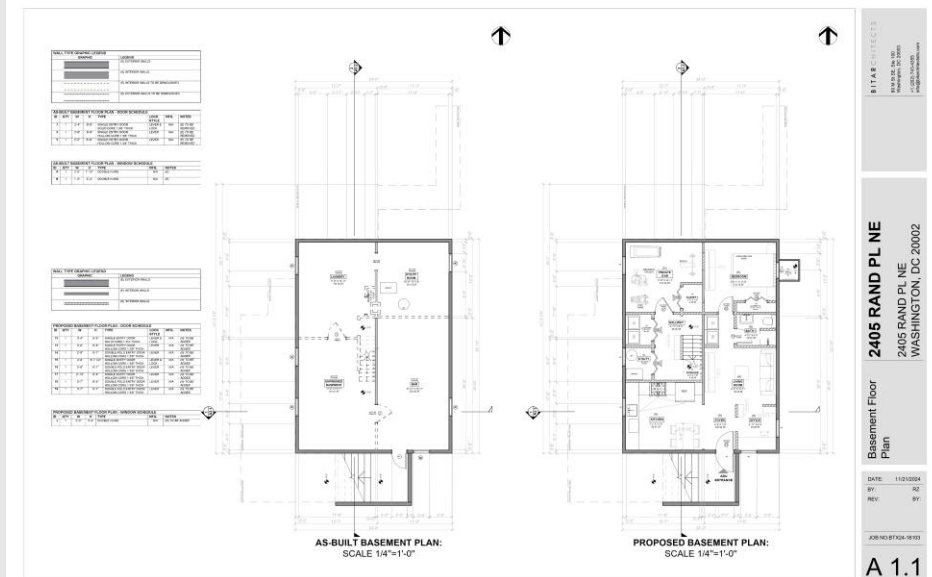
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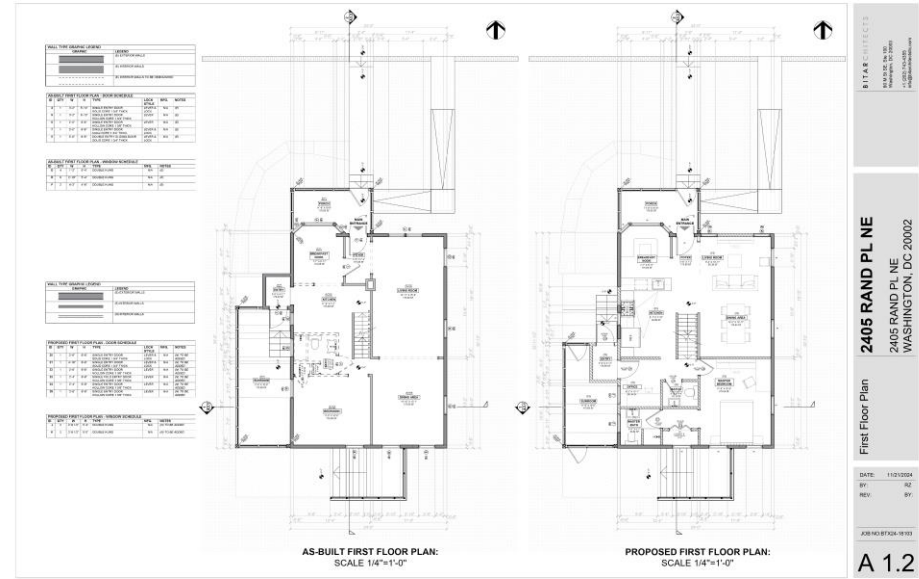
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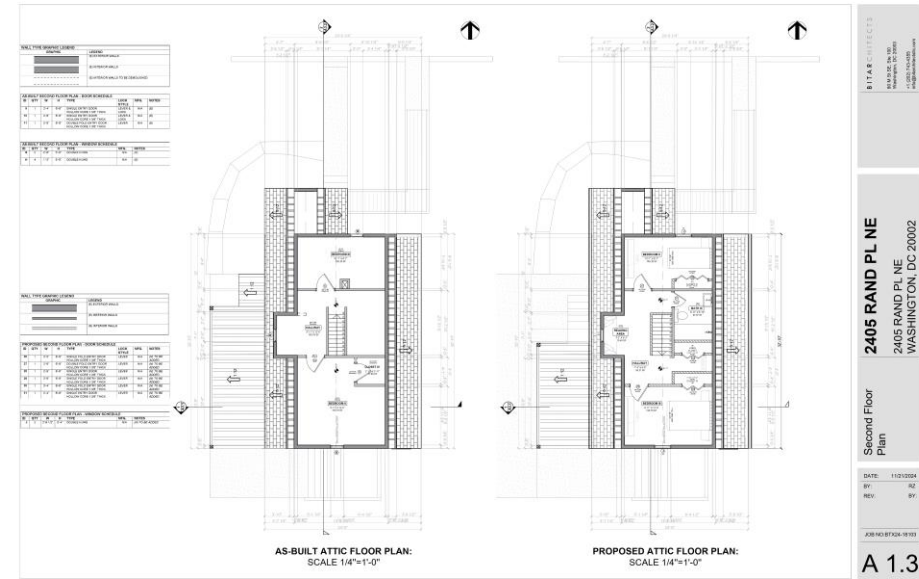
# Architectural Site Plan



## Basement Floor Plans



First Floor Plan



Second Floor Plans

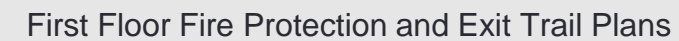
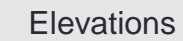


Elevations



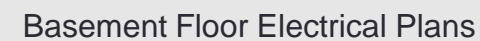
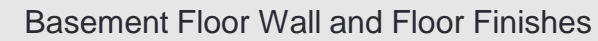
Sections

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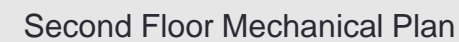
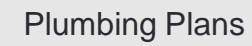


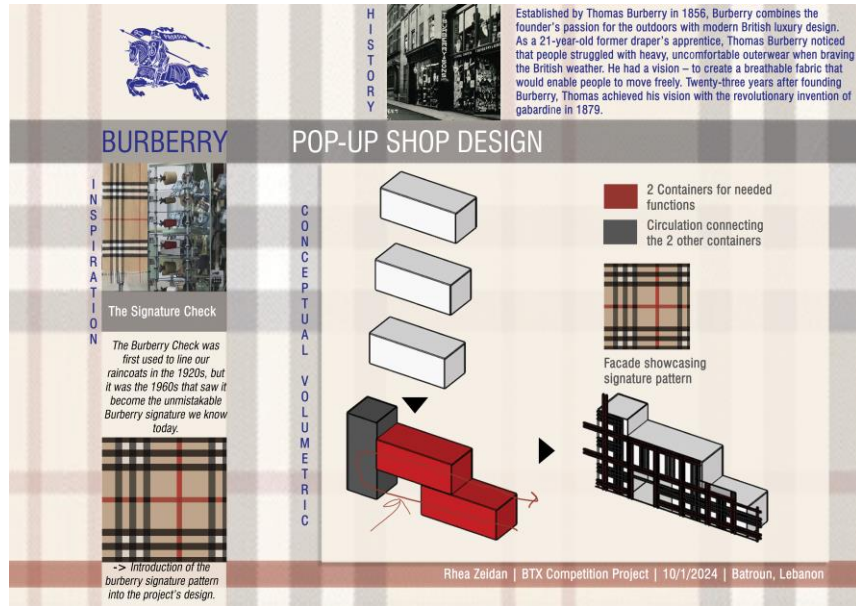
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Project Concept Visualization

## III- COMPETITION PROJECT

### BURBERRY POP-UP SHOP

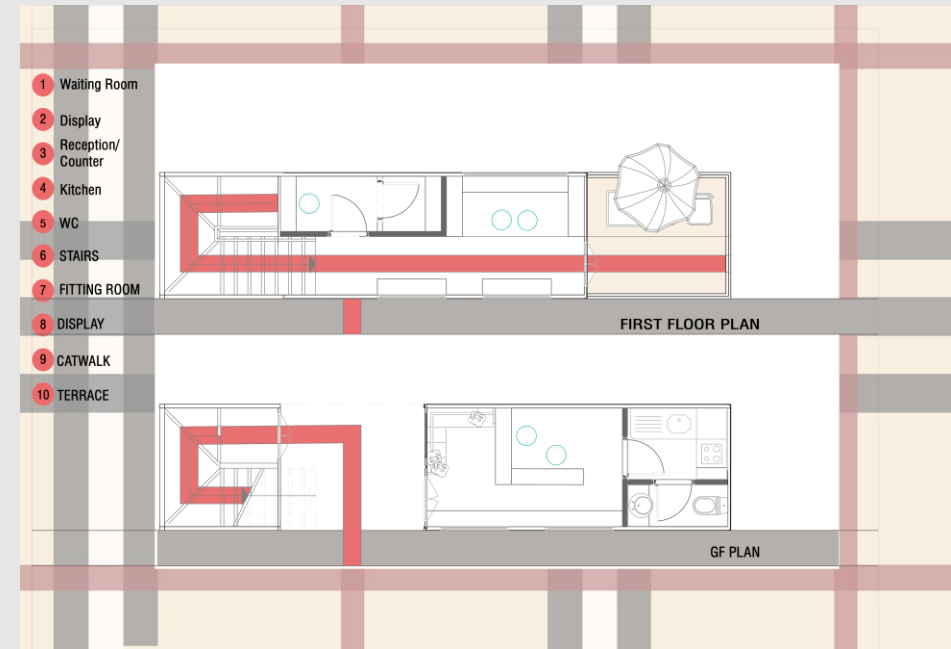
**Project Date:** 10/01/2024

#### Concept Brief:

This project incorporates Burberry's iconic signature pattern into its architecture using metal structures to define three main areas: the ground-level reception and cashier, the upper-level display area, and a vertical circulation space that includes exhibitions. A stylish catwalk connects the entrance to the terrace, ensuring smooth visitor flow and visual continuity. The design seamlessly blends Burberry's timeless heritage with modern aesthetics, creating an immersive and cohesive brand experience.

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Project Plans



Exterior 3D Visualization

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Ms. Nazlin Bhimji  
Business Advisor



Mr. Bimal Peiris  
CFO Deutsche  
Bank



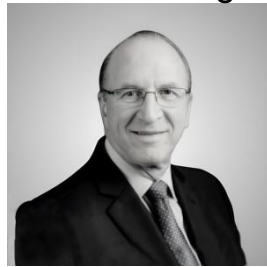
Mr. Jim Littig  
Retired Colonel



Mr. Charles Sills  
Government  
Contracting



Mr. Jack O'Neill  
Retired Colonel



Mr. Joel Zingesser  
Retired Architect

## IV- ADVISORY BOARD MEETING

### ADVISORY BOARD MEETING

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**Meeting Date:** 12/16/24

**- 5 things I learned from the meeting with the advisory board:**

- 1. Effective Networking:** Cultivating a strong professional network opens doors to opportunities, insights, and valuable partnerships.
- 2. Embracing Failure as Success:** Viewing failures as learning experiences fosters resilience and drives future achievements.
- 3. Perseverance in Early Careers:** Sustained effort and dedication in the early stages build a solid foundation for career growth.
- 4. Importance of Collaboration:** Working together with diverse teams enhances creativity and leads to better solutions.
- 5. On-Site Learning:** Hands-on experiences through site visits deepen understanding and inform strategic decisions.

## V- CONCLUSION

### INTERNSHIP EXPERIENCE BRIEF

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**Internship Dates:** 10/07/24 - 12/26/24

**Internship Location:** Virtual

During my internship at Bitarchitects, I developed technical skills in finish plans, MEP systems, and U.S. residential construction standards. I improved my organizational efficiency and attention to detail by implementing structured workflows and managing multiple tasks under tight deadlines, which built my resilience and time management skills. Working in an international remote team enhanced my communication and collaboration abilities, allowing me to contribute effectively despite physical distances. This supportive and collaborative environment significantly boosted my professionalism and confidence, equipping me with valuable skills for my future career.