BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

“Making Architecture and Design attainable & equitable”

BITARCHITECTS SPRING 2023 INTERNSHIP PORTFOLIO

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

Table of Content

I- INTERN INTRODUCTION

II- ARCHITECTURE PROJECTS
- A-Ambrose Interior Remodel
- B-Hoffman New Residence
- C- Sizemore New Residence

III- WRITE-UP TASKS
- A- Write 5 challenges a young architect might face and how to overcome them
- B-What is the difference between interior architecture, interior design, and decorator, and who comes first?
- C- How do we know when it is time to stop designing and making changes, to then start finalizing
- D- How can an architect cope with differences in structure and style in different countries?
- E- Pick one piece of furniture to reflect 10 different moods
- F-Pick 3 pictures of l lines in projects that you agree with and 3 pictures for lines in projects that you disagree with

IV- CONCLUSION

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION



I INTERN INTRODUCTION

CYBELLE ALPHONSE

Hard worker, Innovative, Attentive

Ms. Cybelle Alphonse has a bachelor's degree in Interior Design from the University of the Holy Spirit of Kaslik, Lebanon, and she's currently pursuing a master's degree in Interior Design from the same university. Ms. Alphonse worked at her university on a cultural transfer center to renovate and change it to offices spaces while maintaining the Lebanese architectural heritage and tradition. Ms. Alphonse has a initiative perspective to details, in addition to her drawing and design skills when it comes to creating interior spaces.

BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

II ARCHITECTURE PROJECTS

Ambrose Interior Remodel

Project Date: June 2023
Project Type: Residential: 1 Family House | Remodel
Project Owner: R.Ambrose
Project Valuation: 600,000.00 USD.

Project Brief: After the big success of Laveda Boutique in their salon treatments, from nails to lashes to eyebrows, in different locations in Georgetown and DC, they are currently seeking to open a cosmetology school to teach and train their new employees to do the work, to keep up with their growth. Bitarchitects is commissioned to build the school and make this possible by working on all requirements needed, from mechanical to office spaces, to ADA requirements, and code compliances.

Responsibilities:

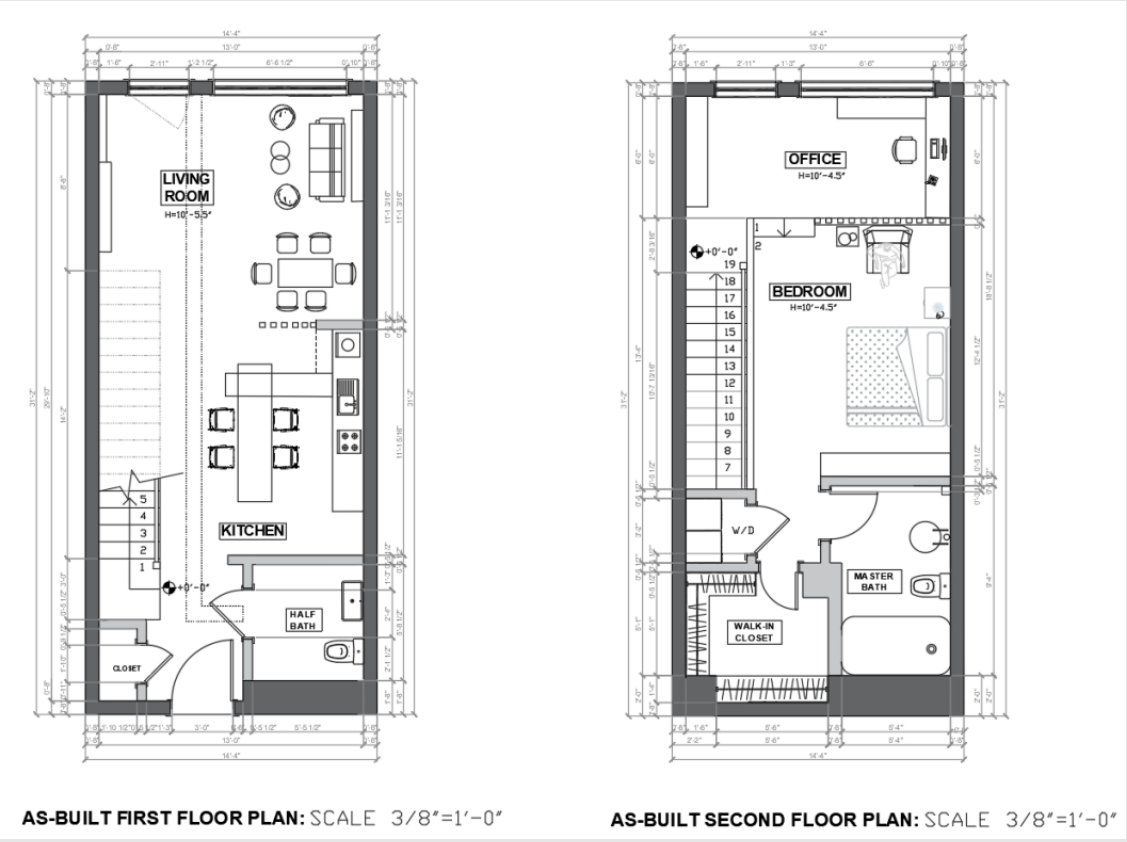
-Remodeling the interior space with the furniture and the materials including the living room, kitchen, the bedroom, with an office
-Respecting the concept of industrial contemporary style
-3D Visualization

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

II ARCHITECTURE PROJECTS

Ambrose Interior Remodel



AS-BUILT FIRST FLOOR PLAN: SCALE 3/8"=1'-0"

AS-BUILT SECOND FLOOR PLAN: SCALE 3/8"=1'-0"

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

II ARCHITECTURE PROJECTS

Ambrose Interior Remodel







BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

II ARCHITECTURE PROJECTS

Hoffman New Residence

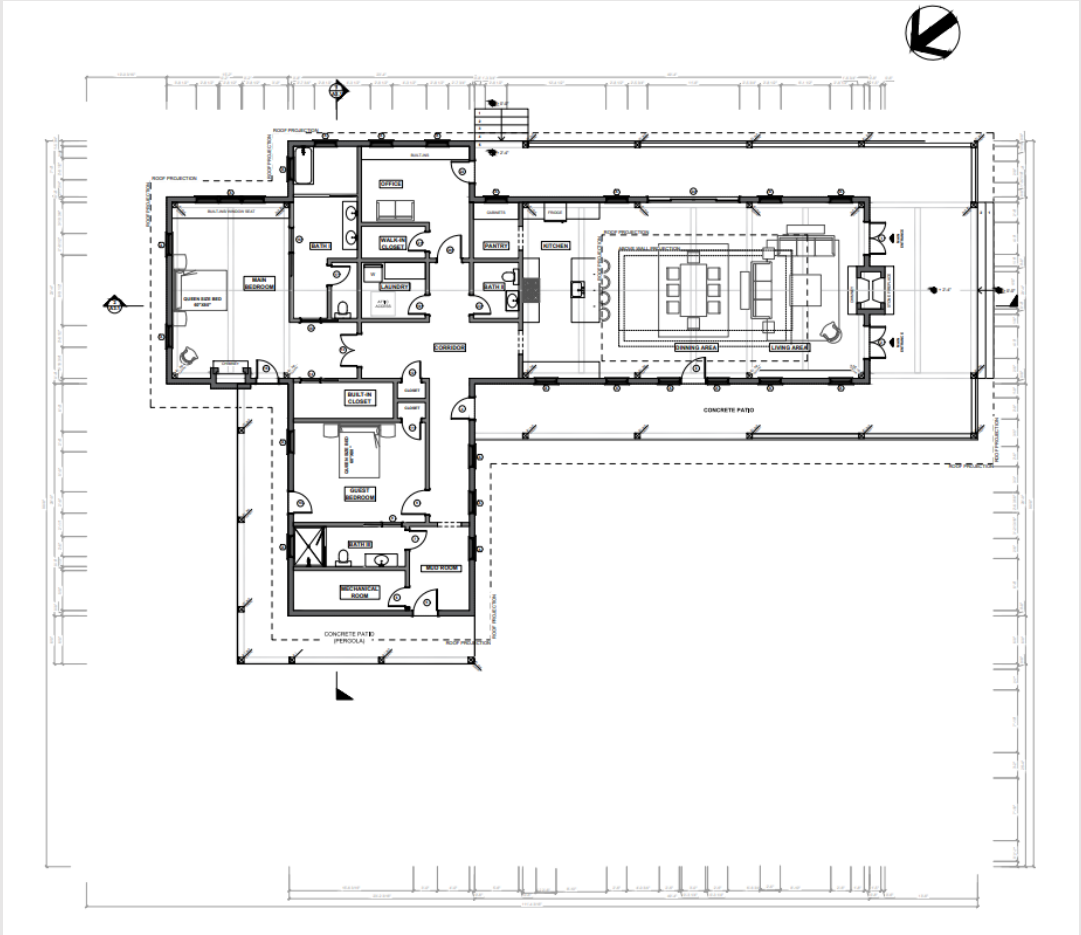
Project Date: July 2023
Project Type: Residential: 1 Family House | Remodel
Project Owner: B. Hoffman
Project Valuation: 689,205.00 USD

Project Brief: Mr. Hoffman asked for a new Residence over his 18.75 acre land a new heavy timber residence that includes a huge bedroom, dining and living space opened within the kitchen, as well a new proposed bathway for the car arrivals is proposed.

Responsibilities:
Drafting:
-Plan
-Architectural site plan
-Elevations

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION



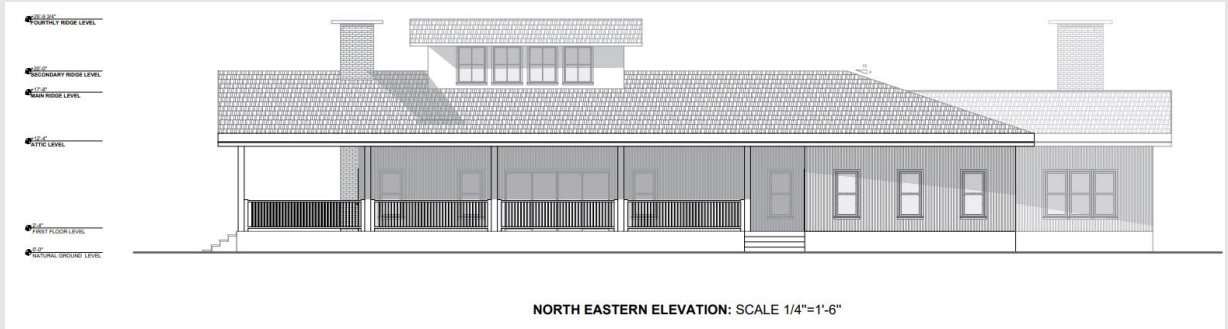
FIRST FLOOR PLAN: SCALE 1/4"=1'-6"

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION



NORTH WESTERN ELEVATION: SCALE 1/4"=1'-6"



NORTH EASTERN ELEVATION: SCALE 1/4"=1'-6"

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

II ARCHITECTURE PROJECTS

Sizemore New Residence

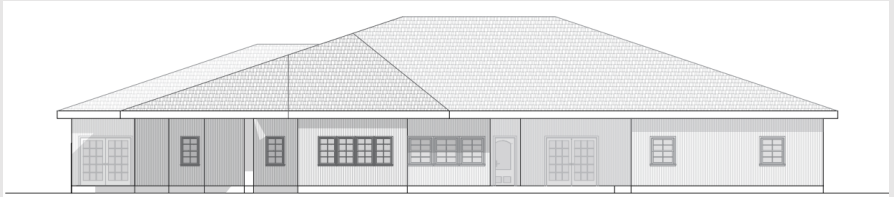
Project Date: August 2023
Project Type: Residential: 1 Family House | Remodel
Project Owner: J. Sizemore
Project Valuation: 644,402.00 USD.

Project Brief: Mr. Sizemore wanted to create the townhouse with a landscape so he can live in it peacefully while enjoying the nature around it. Bitarchitects team is helping him produce the required architectural drawing with the landscape following a grid and ensuring the international code.

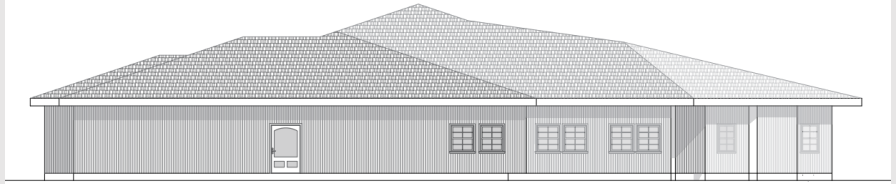
Responsibilities:
-Elevations
-Working on the 3d visuals and creating a landscape all around it while following a grid.

BITARCHITECTS

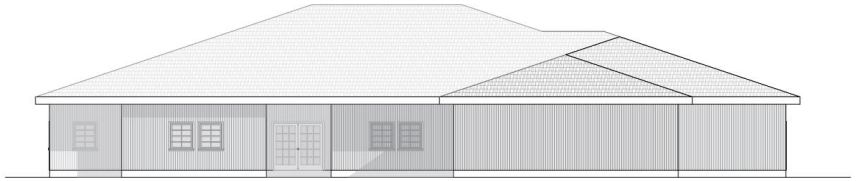
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION



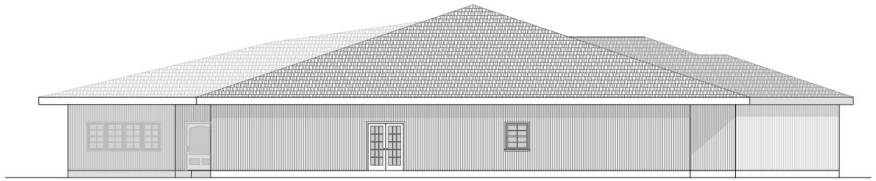
NORTH ELEVATION: SCALE 1/4"=1'-0"



EAST ELEVATION: SCALE 1/4"=1'-0"



SOUTH ELEVATION: SCALE 1/4"=1'-0"



WEST ELEVATION: SCALE 1/4"=1'-0"

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION









BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION









BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

III WRITE-UP TASKS

Write 5 challenges a young architect might face and how to overcome them

Task Date: 07/11/2023
Task Type: Research

1- Keeping Up to date on new software: firms require a certain set of software skills. Just learning advanced software can land me a better job and a better pay scale.

2-Time management: We should prioritize the tasks at hand and limit distractions and find way to keep working

3- finding a job and securing an income shortly after graduation with no experience: There is a difference between school and real life experience. The real-world work become challenging, because of a lack of practical experience. So we should do internship, do be able to learn new skills.

4- Grow the network in this field: with professionals and challenge myself as an individual and to improve my approach to work from linkedln

5- Dealing with possible problems and ensuring good design: Poor calculations, the wrong placing of the doors, windows, and walls will make the design draw attention from the public.

BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

What is the difference between interior architecture, interior design, and decorator, and who comes first?

Task Date: 07/18/2023
Task Type: Research

Interior architecture focuses on the structural aspects and spatial configuration of interior spaces. They consider factors such as building codes, safety regulations, and the integration of various systems (electrical, plumbing, HVAC) within a space. Interior design involves the overall planning and design of interior spaces. Designers work with clients to understand their needs, preferences, and budgets to create functional and aesthetically pleasing environments. They understand people's behavior to create functional spaces within a building, They focus on aspects such as color schemes, materials, furniture selection, lighting, and spatial layout. Interior decorating is the furnishing of a space with decorative elements to achieve a certain aesthetic. Decorators focus on selecting and arranging furniture, accessories, fabrics, and decorative elements to create a cohesive and visually appealing environment.

In terms of who comes first, interior architecture comes first as it deals with the structural aspects and spatial configuration of the space. Once the architectural framework is established, interior design follows to plan the overall layout, finishes, and design elements. Finally, interior decorating comes into play, focusing on the furniture, accessories, and decorative aspects to complete the space.

BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

How do we know when it is time to stop designing and making changes, to then start finalizing

Task Date: 07/19/2023
Task Type: Research

1- Design brief fulfillment: Ensure that the design adequately meets the initial project requirements and design brief. Evaluate if the design addresses all the functional, spatial, and aesthetic goals set forth by the client.

2- Client approval: Seek feedback and approval from the client regarding the design proposals.

3- Design development: Complete the necessary design development activities, which include refining the architectural plans, elevations, sections, and details. Ensure that all technical aspects, such as structural systems, HVAC (Heating, Ventilation, and Air Conditioning), plumbing, electrical, and fire safety, are properly integrated into the design.

4- Compliance with regulations: Confirm that the design complies with local building codes

5- Feasibility and constructability: Consider factors like budget limitations, available construction materials, construction techniques.

6- Project Schedule and Deadlines: to consider the project timeline and any upcoming deadlines.

BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

III WRITE-UP TASKS

How can an architect cope with differences in structure and style in different countries?

Task Date: 07/20/2023
Task Type: Research

1- Research and Study: the cultural and historical context will help the architect grasp the essence of his architectural styles and construction methods.

2- Adaptability and Flexibility: Embrace new design challenges

3-Study Building Codes and Regulations: Different countries may have specific standards for safety, environmental sustainability, and construction methods.

4- Respect the Local Context: should avoid imposing designs that clash with the cultural or historical significance of the site.

5- Cultural Sensitivity: Different countries have varying preferences for aesthetics, spatial organization, and symbolism, so it is essential to consider these factors in the designs.

6-Travel and Observation: Architect should take note of local materials, construction techniques, and design features.

BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

Pick one piece of furniture to reflect 10 different moods

Task Date: 07/24/2023
Task Type: Design Research

Organized



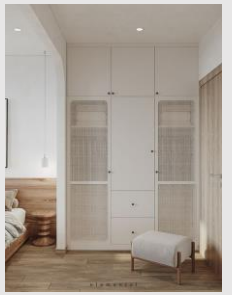
WARM



Elegant



Calm



Modern



ANGRY



Cold



Messy



Unreliable



Bad



BITARCHITECTS
ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

III WRITE-UP TASKS

Pick 3 pictures of l lines in projects that you agree with and 3 pictures for lines in projects that you disagree with

Task Date: 07/25/2023
Task Type: Design Research













BITARCHITECTS

ARCHITECTURE, INTERIOR DESIGN & CONSTRUCTION

IV CONCLUSION

INTERNSHIP EXPERIENCE BRIEF

Internship Dates: 06/05/2023 - 08/24/2023
Internship Location: Virtual

During my summer internship program in Bitarchitects, I had the opportunity to deal with the actual real world and gain valuable knowledge and skills in this field. I have been developing skills like communication and the importance of actively participating in virtual meetings and discussions by contributing ideas, asking questions, and engaging in constructive dialogue. Also, I learned to deal within a strict code of conduct of the company, and creating exterior and interior space with new software that helped me boost in my career.