



TABLE OF CONTENT


I. CORE VALUES.....3


II. THE TEAM.....5


III. PROJECTS.....9

 INDIANAPOLIS PUBLIC SCHOOL BUTLER LAB SCHOOL 55.....10

 MICHIGAN CITY CENTRAL 11 - TRAIN STATION.....14

 GYM RENOVATION - TOTAL PHYSICAL FITNESS.....18

 INTERIOR DESIGN - ARUN COMPLEX.....20

 MISCELLANEOUS PROJECTS.....22

WHAT WE DO?

Studio 2.0 provides comprehensive architectural and engineering services with a unique, round-the-clock operational model. Our services range from initial design conceptualization to working back-end to update and manage BIM models. Utilizing the 18-hour workday approach, we offer continuous work flow and specialized task allocation, ensuring that every project benefits from the combined expertise of our teams in different time zones. Our service offerings are enhanced by this model, allowing us to address client needs promptly and efficiently, regardless of their location. This global operational strategy enables us to deliver projects faster, with innovative solutions born from a fusion of diverse perspectives. Our commitment to client satisfaction, combined with our unique approach to project management and execution, positions Studio 2.0 as a leader in delivering high-quality, timely, and culturally rich architectural and engineering solutions.

WHY WE DO IT?

Studio 2.0 operates on the foundational belief that regardless of geographical boundaries, time is the most valuable asset and collaboration fosters innovation and excellence in architectural and engineering solutions. Our core purpose is to redefine productivity and efficiency in the global marketplace by harnessing the diverse strengths and perspectives of our international teams. We are driven by the commitment to provide unparalleled service to our clients, ensuring their needs are met around the clock with the highest quality of expertise. This approach is not just about optimizing working hours; it's about creating a harmonious, global community of professionals who bring unique insights and skills to every project. At Studio 2.0, we believe that the integration of diverse cultural and intellectual resources is the key to unlocking groundbreaking solutions in our industry.

HOW WE DO IT?

18 HOUR WORKDAY

Studio 2.0 leverages a unique approach to maximize productivity by utilizing the 18-hour workday across different time zones. With teams located in Central Time (U.S.) and GMT+5:45 (Nepal), which are about 12 hours apart, the company ensures continuous progress on projects around the clock.

1. Continuous Workflow

As one team's day ends, the other's begins. This arrangement allows for a seamless, 18-hour work cycle. For instance, when the U.S. team finishes their day, they pass their work to the Nepal team, who then continues from where the U.S. team left off. This continuous workflow reduces downtime and accelerates project completion.

2. Specialized Task Allocation

Our teams have specialized roles based on their strengths or time zone advantages. For example, tasks requiring more client interaction might be handled by the U.S. team due to their proximity to most clients, while the Nepal team might focus on back-end work.

3. Overlap and Handover

There's a brief period of overlap between the two teams' working hours. During this time, we can have live discussions, update each other on project statuses, and hand over pending tasks. This overlap ensures that each team is up-to-date on project developments and can pick up right where the other left off.

4. Enhanced Coverage for Clients

This model provides extended support hours for clients. Clients can receive assistance almost any time of the day, which is particularly beneficial for urgent issues or international clients in different time zones.

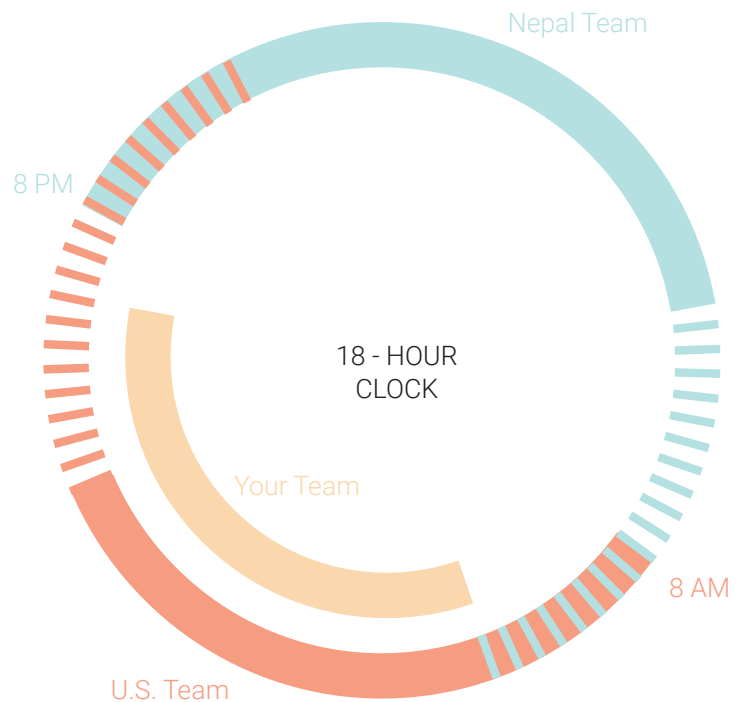
5. Reduced Burnout, Increased Productivity

By distributing workloads across time zones, each team works standard hours without the need for overtime, reducing employee burnout and maintaining high levels of productivity.

6. Cultural and Intellectual Diversity

Having teams from different geographical locations brings diverse perspectives to the table, enhancing creativity and problem-solving in architectural and engineering projects.

This approach demonstrates how global collaboration and strategic planning can add value to our clients.



TOOLS

- Autodesk Revit
- Autodesk Construction Cloud
- Autodesk AutoCad
- Adobe Creative Suite
- Bluebeam Revu
- SketchUp
- Enscape
- Lumion
- Microsoft Office Suite
- Asana

TEAM PER PROJECT

1. Partner / Principal
2. Project Manager
3. BIM Specialist II
4. BIM Specialist I
5. Architecture Visualization Specialist

WHO WE ARE



RAJAN KARMACHARYA, AIA, NCARB

Partner

Rajan Karmacharya, is a licensed architect who strives to remain up-to-date with technology and is attentive to details. With more than a decade of experience in the field, he has been fortunate enough to work on numerous architectural designs and planning projects in various industries, including hospitality, residential, education, commercial, factory layout and retail.

He has been able to successfully coordinate teams and lead various projects, including residential and commercial projects, in different parts of the world, such as the Caribbean, the United States, and Nepal.

Rajan believes that his global experience has provided him with a multicultural perspective that he tries to incorporate into his project envisioning, utilizing tools like hand sketching, Revit and BIM to effectively communicate his ideas.

EDUCATION

Master of Architecture (M.Arch)

Louisiana State University, Baton Rouge, LA
Graduated: 2017

Bachelor of Science (B.Sc), Architectural Studies

University of Louisiana, Lafayette, LA
Graduated: 2013

PROFESSIONAL EXPERIENCE

TRANSIT WITH MULTI-STORY GARAGE

11th Street Central, Michigan, IN
Meticulous Design + Architecture

WAREHOUSE BUILDING

Shook Industrial Park, Lafayette, IN
Meticulous Design + Architecture

MIXED-USE WITH MULTI-FAMILY BUILDING

Cole Motor Redevelopment, Indianapolis, IN
Meticulous Design + Architecture

EDUCATION

IPS Butler Lab School 55, Indianapolis, IN
Meticulous Design + Architecture

Brusly High School, Brusly, LA
Fusion Architecture

Patrick F. Taylor Hall, Louisiana State University, Baton Rouge, LA
Coleman Partners

HOSPITALITY

JW Marriott Resort & Residences, Turks & Caicos
Coleman Partners

Americas Best Value Inn, Plaquemine, LA
Fusion Architects



DRISTI MANANDHAR

Project Manager / BIM Supervisor

Dristi Manandhar is a Nepali architect based in Kathmandu. She has more than 8 years of experience specializing in commercial, hospitality, and housing projects in Nepal and the United States. Her passion lies in designing spaces that have a positive impact on people, community and the environment.

Dristi spent nearly 6 years at Carleton Hart Architecture in Portland, Oregon, contributing to successful affordable and transitional housing projects. Her dedication extends to enhancing quality within the studio, focusing on refining processes, conducting training, meticulous documentation, monitoring, and ensuring cohesive coordination with design teams, employing tools like BIM and Revit.

Drawing upon her multifaceted background in architecture and construction, she brings her diverse expertise to contribute to projects at Studio 2.0.

EDUCATION

Master of Architecture (M.Arch)

University of Oregon, Eugene, OR
Graduated: 2017

Bachelor in Architecture (B.Arch)

Institute of Engineering, Pulchowk Campus, Lalitpur
Graduated: 2014

PROFESSIONAL EXPERIENCE

AFFORDABLE HOUSING

Cedar Grove Apartments, Beaverton, OR
Carleton Hart Architecture

Plambeck Garden Apartments, Tualatin, OR
Carleton Hart Architecture

Sunrise Vista Housing, Klamath Falls, OR
Carleton Hart Architecture

Red Rock Creek Commons, Tigard, OR
Carleton Hart Architecture

EDUCATION

IPS Butler Lab School 55, Indianapolis, IN
Studio 2.0 (Backend Support for Meticulous Design + Architecture)

HOSPITALITY

Hampton Inn Suites, Wilsonville, OR
Carleton Hart Architecture

OFFICE

Lifeworks Northwest, Tigard, OR
Carleton Hart Architecture



DAMMAR SAUD

BIM Specialist II

Dammar Saud, an architecture enthusiast is a dedicated and ambitious individual with hands-on experiences in design studios and working collaboratively in team projects. Her passion in architecture lies in sustainable design, design for community, low cost housing and design technology such as Building Information Modeling (BIM).

Her expertise lies in using tools like BIM, Revit, Sketchup to explore new technologies and methodologies to create functionally and aesthetically pleasing spaces. Her main goal is to contribute to her knowledge and creativity for the better built environment and enhance users experience.



KRITIKA ACHARYA

BIM Specialist I

Kritika Acharya, a dedicated designer passionately immersed in the realm of architecture. Her passion for architecture is fueled by an insatiable curiosity and a burning desire to explore beyond conventional boundaries. Kritika thrives on the challenge of conceiving fresh, innovative concepts and solutions, with a particular focus on crafting spaces that seamlessly combine aesthetics and functionality.

Kritika is a team player who relishes collaborating with people to come up with innovative concepts and solutions, with a particular focus on crafting spaces that seamlessly combines aesthetics and functionality.



SHUBHAM REGMI

Architecture Visualization Specialist

Shubham Regmi, is a highly organized and disciplined designer. He possesses a robust foundation in fundamental design principles. His strength lies in effective teamwork, complemented by strong analytical skills and a keen ability to solve problems.

He exhibits proficiency in 3D architectural modeling and rendering, leveraging these skills to bring designs to life with precision and creativity.

MANAGEMENT TEAM



BISHNU POUDEL

Partner / Principal Engineer

Bishnu Paudel brings in his 5 years of experience in Systems Engineering from multiple ventures and projects. His experience in RTOS (Real Time Operating System) and embedded systems brings in modern construction tools to our team. He believes in free thinking while also focusing on precise and safe engineering. While he is an engineer by profession, he is highly skilled in organizing, analyzing, planning and executing business and construction operations

Bishnu graduated from University of Louisiana at Lafayette in the United States with Bachelor of Science in Computer and Electrical Engineering degree in 2014. He was involved in multiple entrepreneurial ventures in the United States after his graduation that allowed him to understand how to manage and run projects of all sizes.

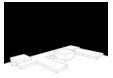


ROSHAN SHARMA

Partner / Principal Engineer

Roshan Sharma brings more than 5 years of experience in structural design from various projects in the United States. His projects comprise of multiple fields such as commercial buildings, offshore steel structures and high voltage utility yards. He strongly believes that sustainable and progressive engineering can create designs that improve the quality of life.

Roshan came to United States to pursue higher education in 2008 and completed Bachelor of Science in Civil Engineering from University of Louisiana at Lafayette in the United States in 2014. He also received his Master of Science in Civil Engineering degree from Texas A&M University in 2018. He was honored with Outstanding Graduate Program Student Award for his contribution in roadside safety finite element modeling work, while working as a research assistant at Texas A&M Transportation Institute.



INDIANAPOLIS PUBLIC SCHOOL

Backend Support for Meticulous Design + Architecture



INTERIOR RENDERING OF THE GYMNASIUM

Location: Indianapolis, USA

Scale: 66,300 Sq.Ft

Design Firm: Meticulous Design + Architecture, Rajan Karmacharya

Studio 2.0 Team: Bishnu Paudel, Dristi Manandhar, Swastika Paudel, Dammar Saud, Kritika Acharya

Date: 2023

Indianapolis Public Schools (IPS) is the largest school district in Indianapolis, and the second largest school district in the state of Indiana as of 2021. The Indianapolis Public Schools district operates a number of public schools that are significant to the history of both Indianapolis and Indiana.

Our firm collaborated closely with Meticulous Design to provide robust backend support for the IPS 55 project. Our diligent utilization of BIM tools guaranteed precision and efficiency at every stage of the project. Leveraging our team's diverse capabilities, we streamlined processes, optimized designs, and delivered seamless backend support, exhibiting utmost dedication and proficiency in meeting project tasks effectively.

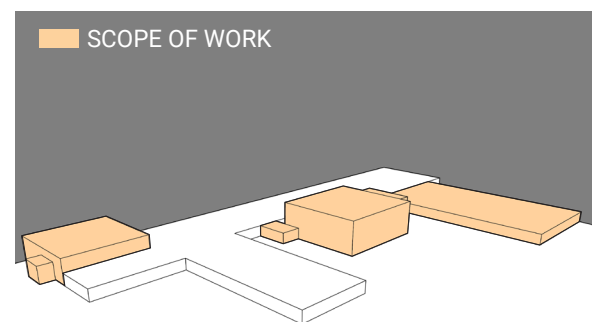
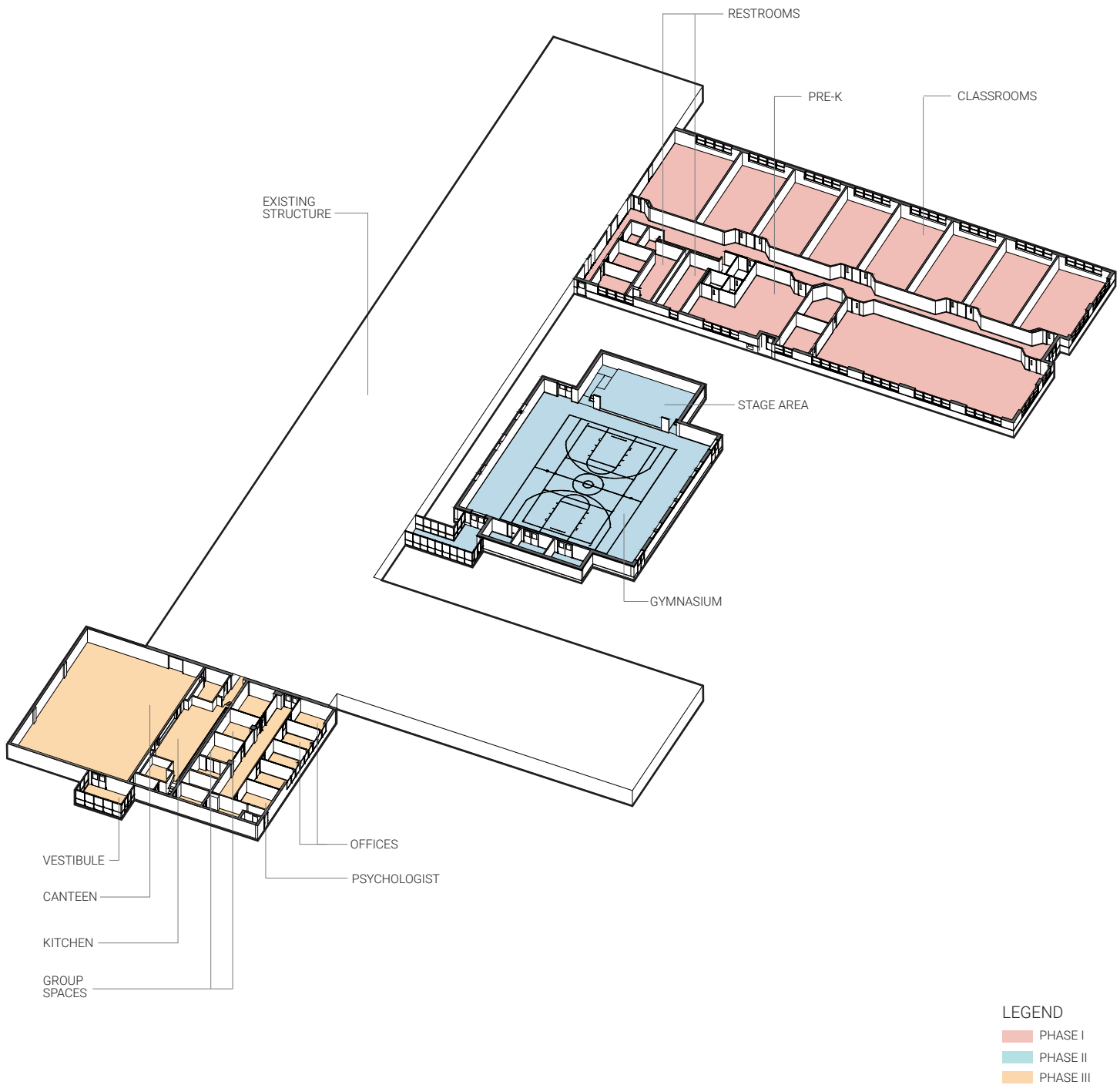
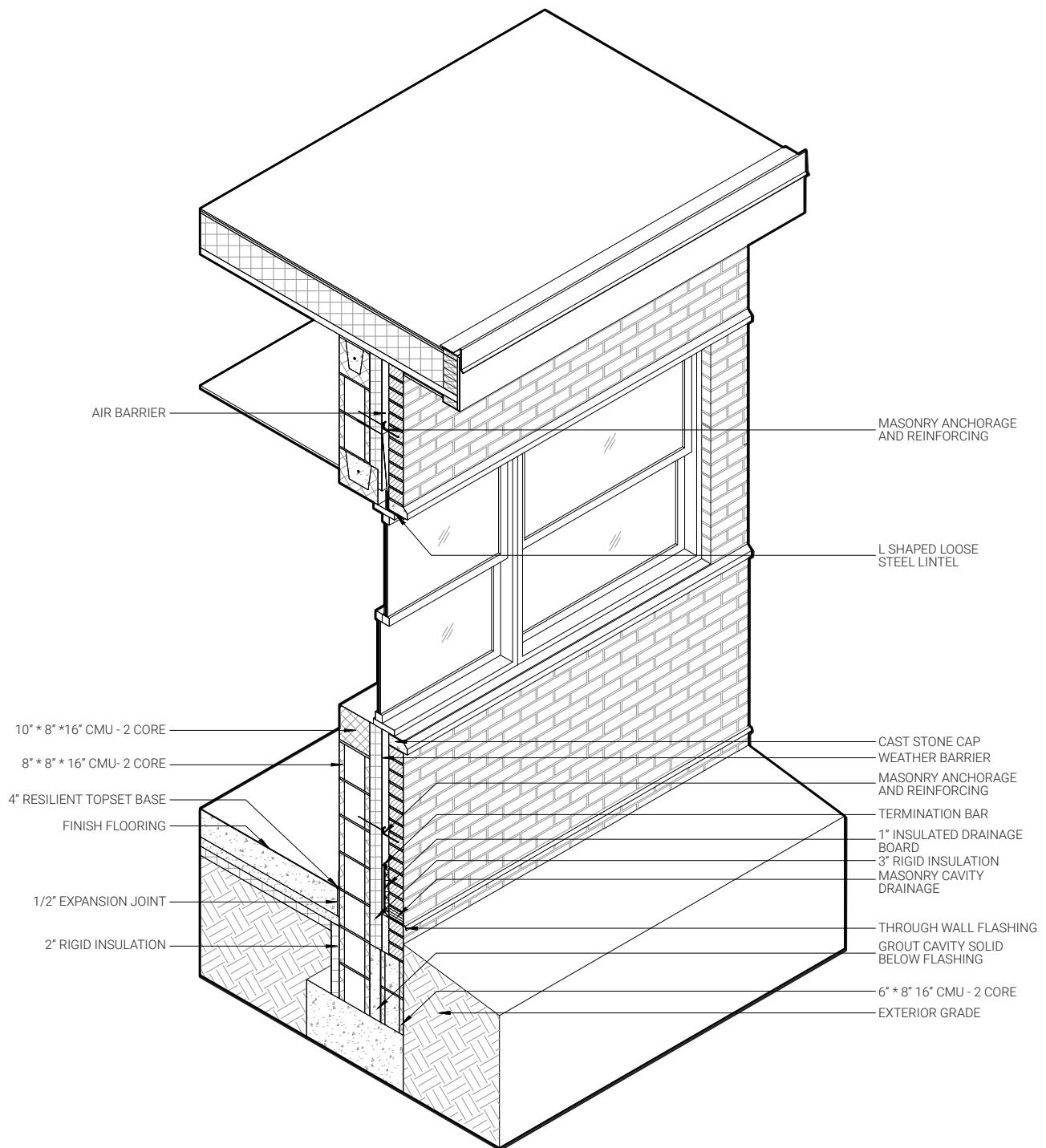


DIAGRAM: BUILDING SCOPE OF WORK

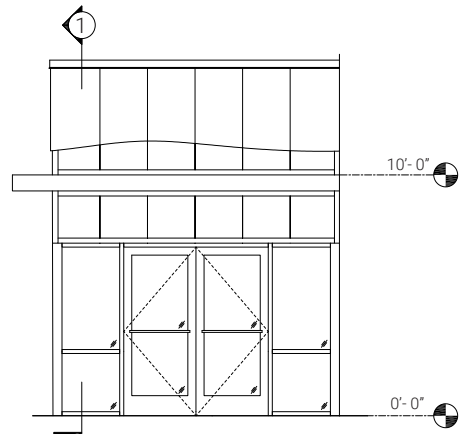
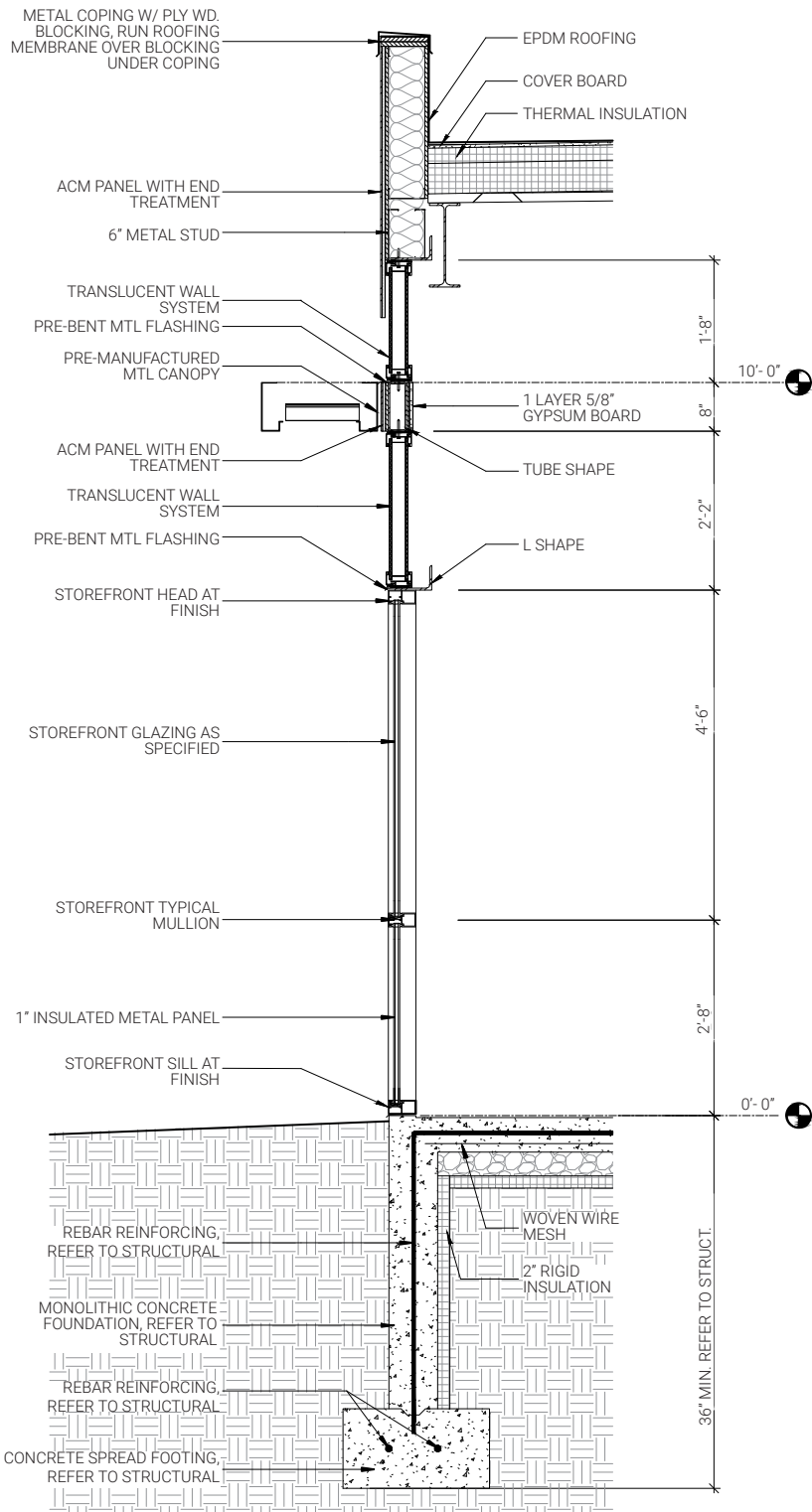
Responsibilities

- Preparation of design development and construction drawings. This involved translating conceptual ideas into comprehensive, technically precise drawings that align with the project specification and standards.
- Preparation of renderings and presentation drawings to effectively communicate design concepts enabling stakeholders to visualize and engage with the project's envisioned outcomes.



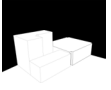


ISOMETRIC VIEW - TYPICAL WALL DETAIL



ELEVATION - WEST VESTIBULE

The detail shows the west vestibule wall where the storefront harmoniously merges with the translucent wall system. The collaborative interplay among these components ensures visual continuity and optimizes functionality to achieve a seamlessly clean design.



MICHIGAN CITY CENTRAL 11

Backend support for Meticulous Design + Architecture



EXTERIOR RENDERING OF THE CITY CENTRAL

Location: Michigan, USA

Scale: 468,000 Sq.Ft

Design Firm: Meticulous Design + Architecture, Rajan Karmacharya

Studio 2.0 Team: Bishnu Paudel, Swastika Paudel, Samikshya Giri, Sanjeeta Pokharel

Date: 2022

The project involved a new twelve-story mixed-use development in Michigan City, IN, covering a city block between 10th and 11th streets on the north and south, and Franklin and Pine Streets on the west and east. Meticulous Design and Architecture team's responsibility included overseeing the historically significant train station and the adjacent six-storey garage building.

The Studio 2.0 collaborated with Meticulous Design and Architecture team in updating the BIM model for the project.

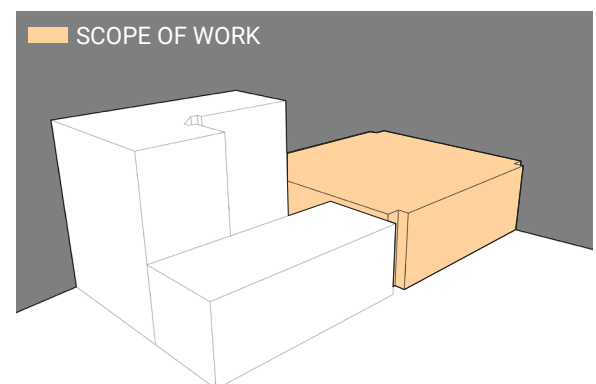
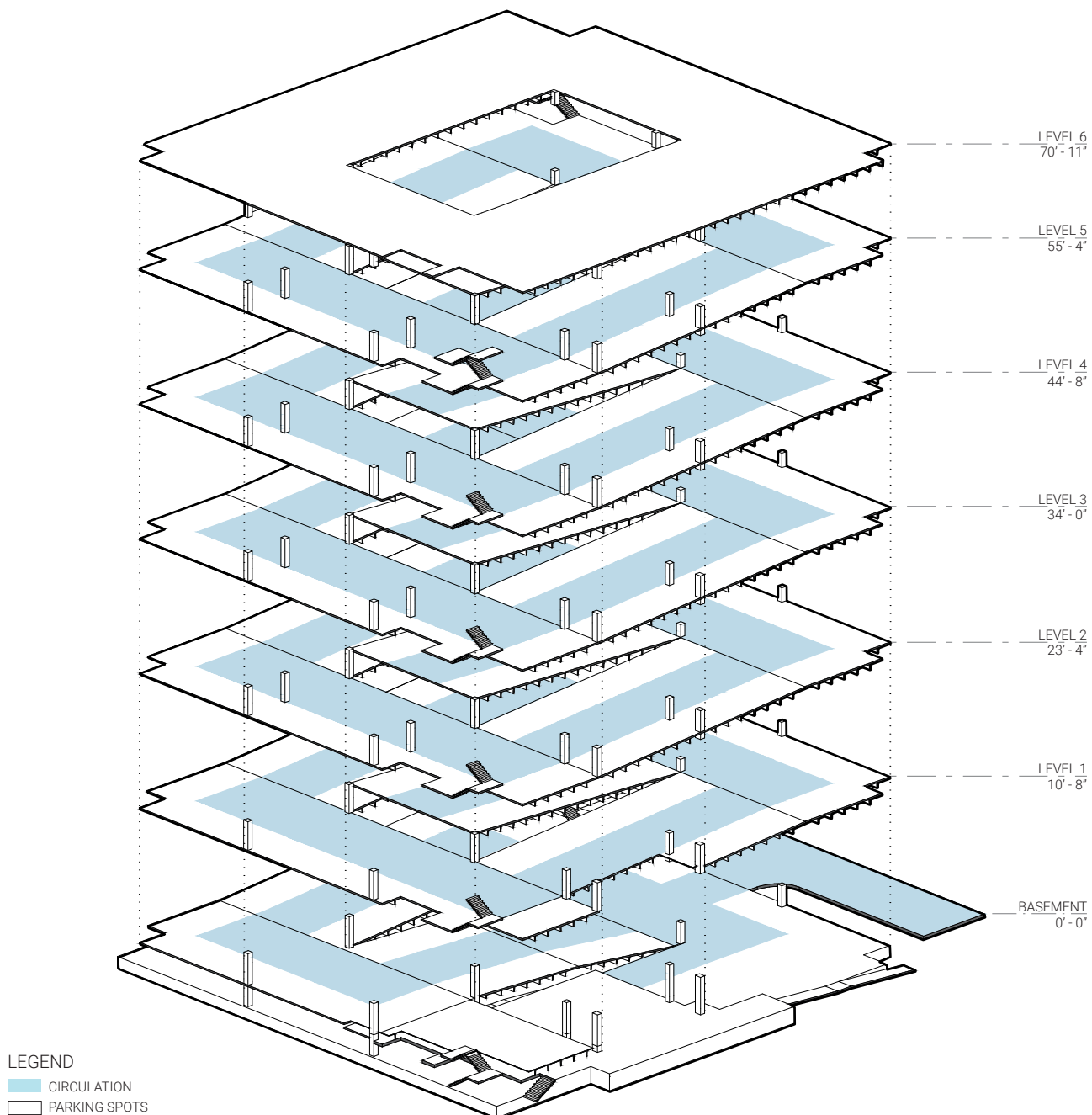
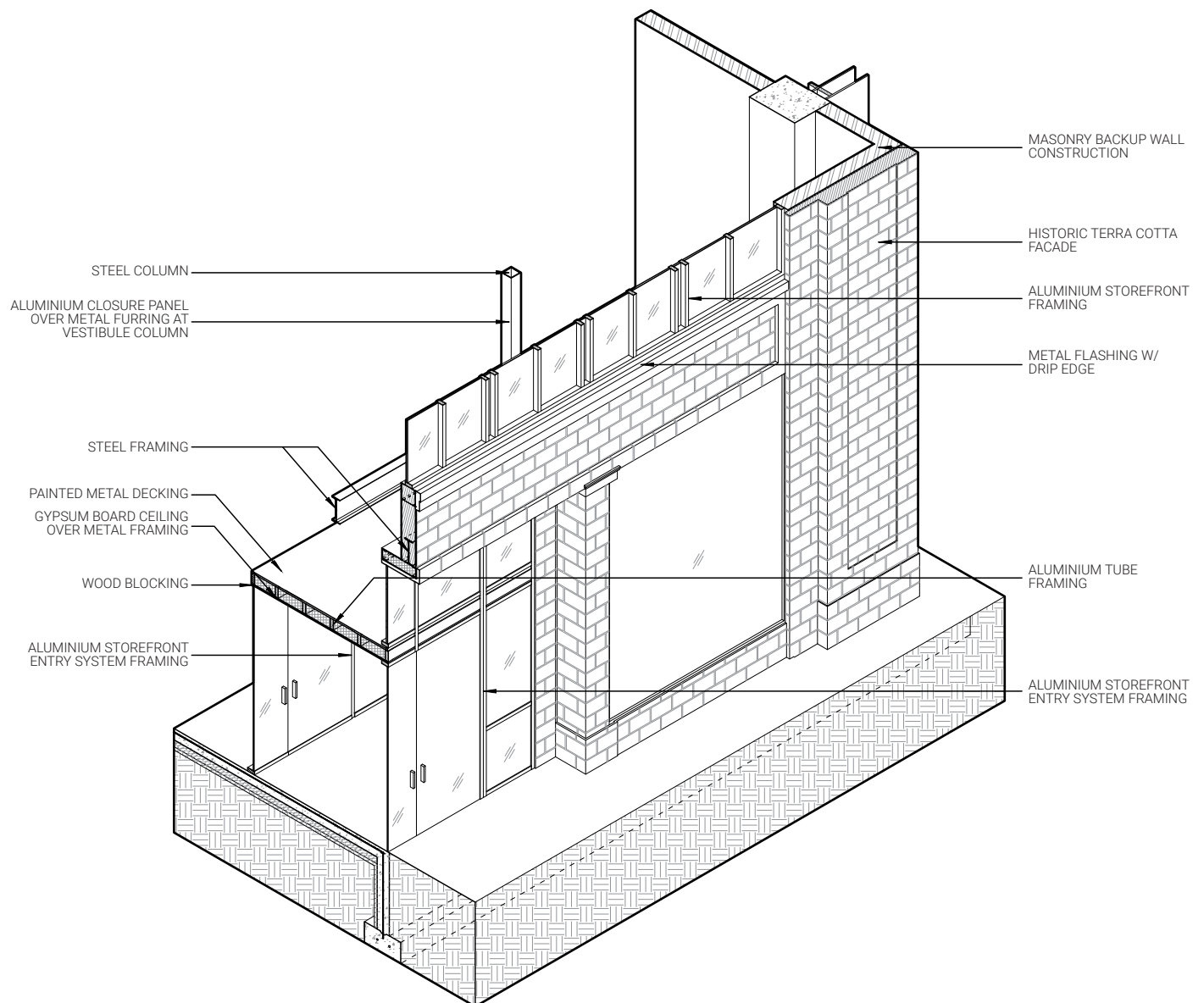


DIAGRAM: BUILDING SCOPE OF WORK

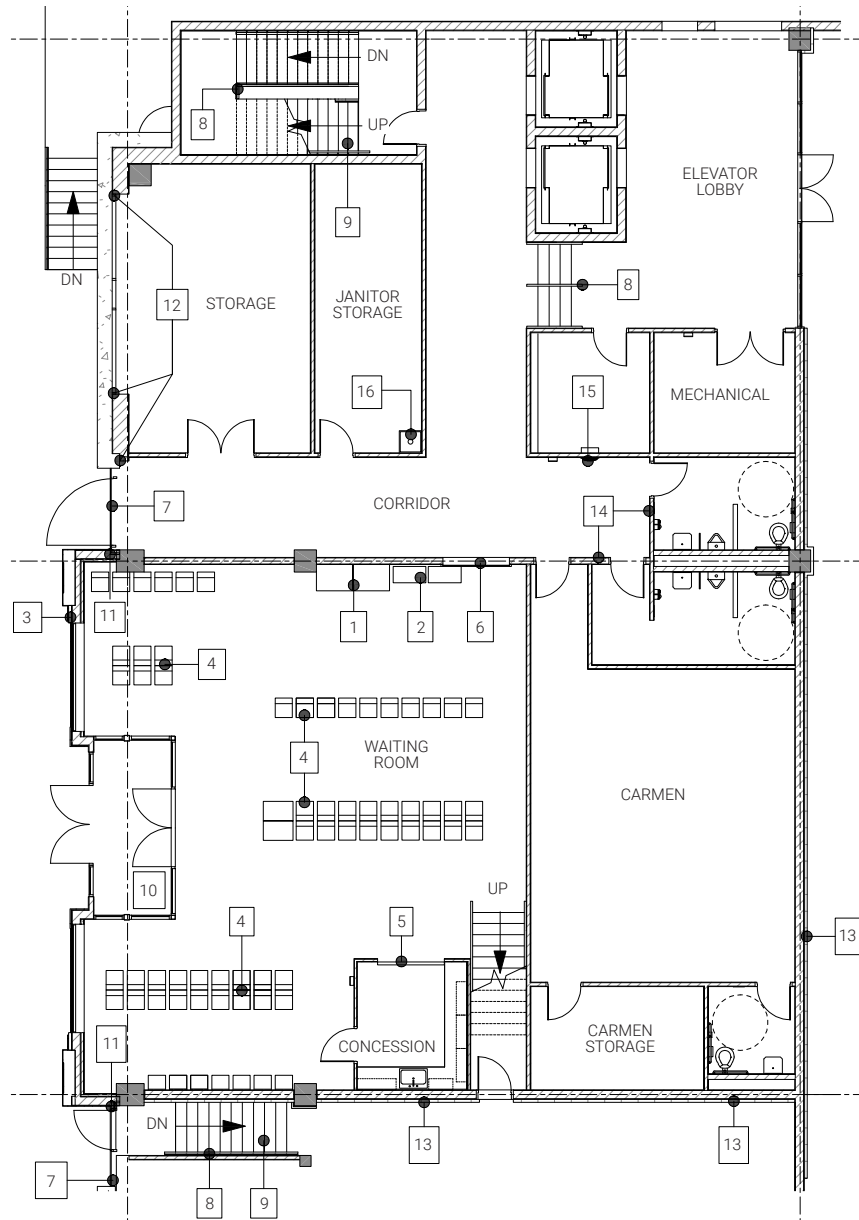
Responsibilities

- Updating BIM models to seamlessly integrate conceptual design modifications which involved ensuring the digital representation aligns accurately with evolving projects visions.
- Translating abstract conceptual ideas into detailed drawings within construction documents, for a clear and effective communication of technical specification and requirements.





ISOMETRIC VIEW - TYPICAL WALL DETAIL



KEYNOTES

- | | |
|---------------------------------------|---|
| 1. VENDING MACHINE | 12. AIR AND VAPOR BARRIER AT COLUMN, FLOOR TO DECK ABOVE |
| 2. TICKETING STATION | 13. THERMAL HEAVY DUTY INSULATION W/4 MIL. EMBOSSED ALUMINUM FACE |
| 3. HISTORIC TERRACOTTA FACADE | 14. ADA INTERIOR SIGNAGE FOR RESTROOM |
| 4. WAITING AREA FIXED SEATING | 15. WATER BOTTLE FILLING STATION |
| 5. OVERHEAD COILING GRILLE | 16. MOP SINK |
| 6. OVERHEAD COILING DOOR | |
| 7. GLAZED ALUMINUM CURTAIN WALL | |
| 8. POWDER COATED STAIR RAILING SYSTEM | |
| 9. PRE-CAST STAIR | |
| 10. WALK-OFF TILE CARPETING | |
| 11. EXPANSION JOINT | |



TOTAL PHYSICAL FITNESS CENTRE

Studio 2.0, Kathmandu, Nepal



INTERIOR PHOTO OF THE GYMNASIUM

Location: New Baneshwor, Kathmandu, Nepal

Scale: 9000 Sq. Ft

Design Firm: Studio 2.0

Studio 2.0 Team: Rajan Karmacharya, Bishnu Paudel, Swastika Paudel

Date: 2020

Established in 2001, Total Physical Fitness Center (TPFC) supports training, with both expertise and equipment in areas such as body building/sculpting, weight-loss cardio, body weight cardio, combat training, circuit training and aerobics. To meet the growing demand and a vision to build fitness as a way of life. TPFC team started to build a new training space in 2020.

We used a detailed BIM model from the beginning to explore design possibilities. We took inspiration from industrial crossfit box aesthetics and developed an open gym concept focused on minimum use of walls. Primary construction materials includes concrete, steel and glass. Detailed drawings and diagrams were designed to clearly understand the efficiency of the concept and eventually communicated to the clients for execution.

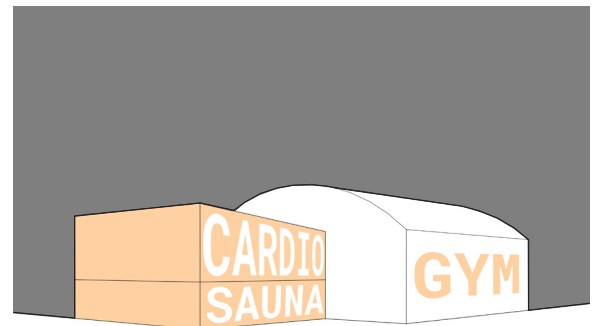
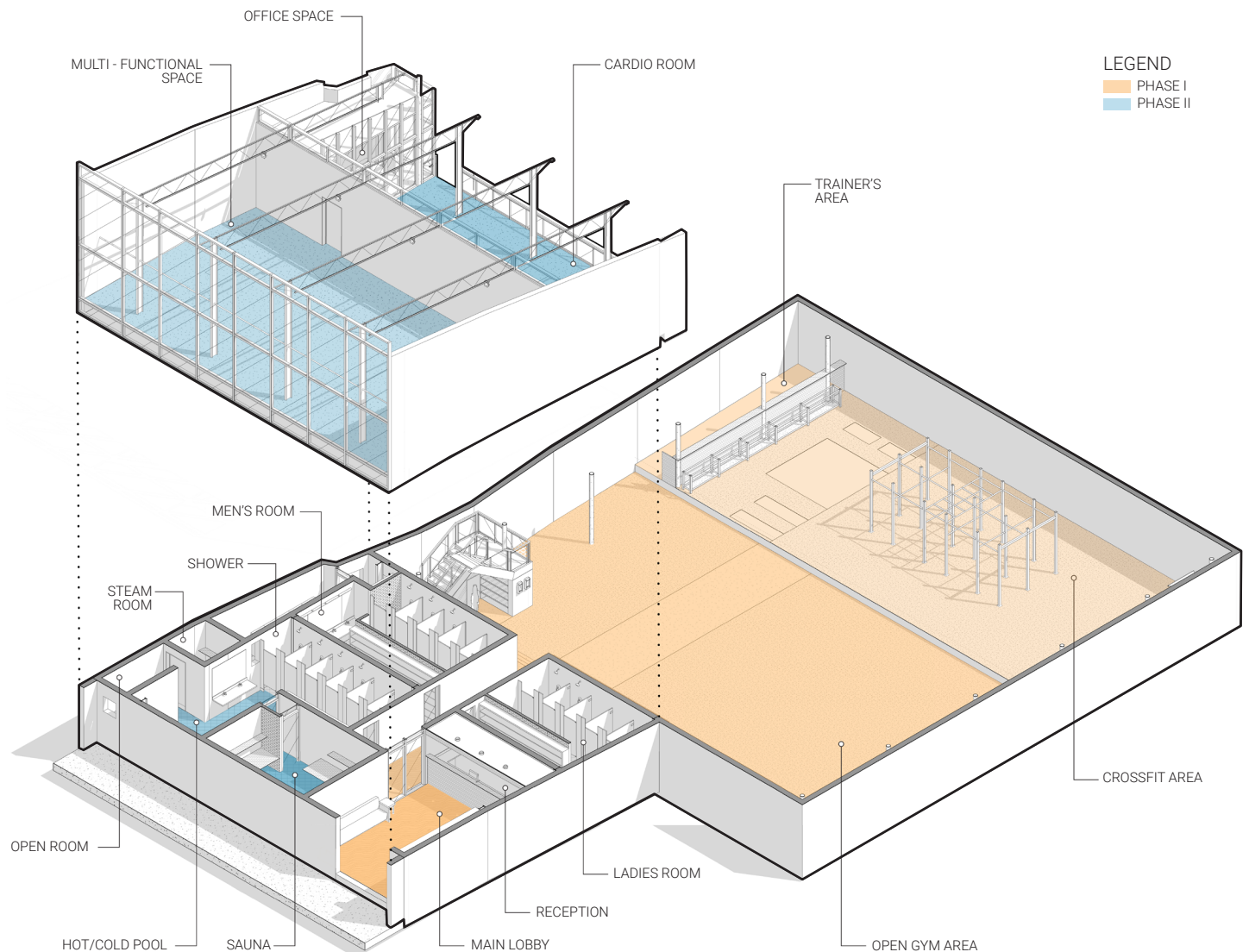


DIAGRAM: BUILDING PROGRAM

Responsibilities

- Preparation of conceptual, schematic design, design development and construction drawings. Ensuring accuracy, compliance with regulations, and adherence to project specifications throughout.
- Preparation of renderings and presentation drawings to effectively communicate design concepts enabling stakeholders to visualize and engage with the project's envisioned outcomes.
- Participation in owner, consultant and contractor meetings. Contributing insights, facilitating discussions, and ensuring alignment among parties to maintain design integrity and meet project goals.
- Selection of interior finishings, paint and furnitures. Ensuring that these elements complemented the design vision, met quality standards, and fulfilled client requirements.
- Site supervision and building handover procedure, ensuring a seamless transition from construction completion to the client's possession.





ARUN COMPLEX

Studio 2.0, Kathmandu, Nepal



INTERIOR RENDERING OF THE RETAIL SPACE

Location: Nepalgunj, Nepal

Scale: 2200 Sq.Ft

Design Firm: Studio 2.0

Studio 2.0 Team: Rajan Karmacharya, Swastika Paudel, Samiksha Giri

Date: 2021

Arun complex is a re-purposed mixed used commercial building in Nepalgunj, Nepal. We were invited to design the interior spaces for the project by the client. The project was being developed using fast track delivery method in two phases. Phase I was a clothing store on the second floor, phase II was a restaurant and bar on the third floor.

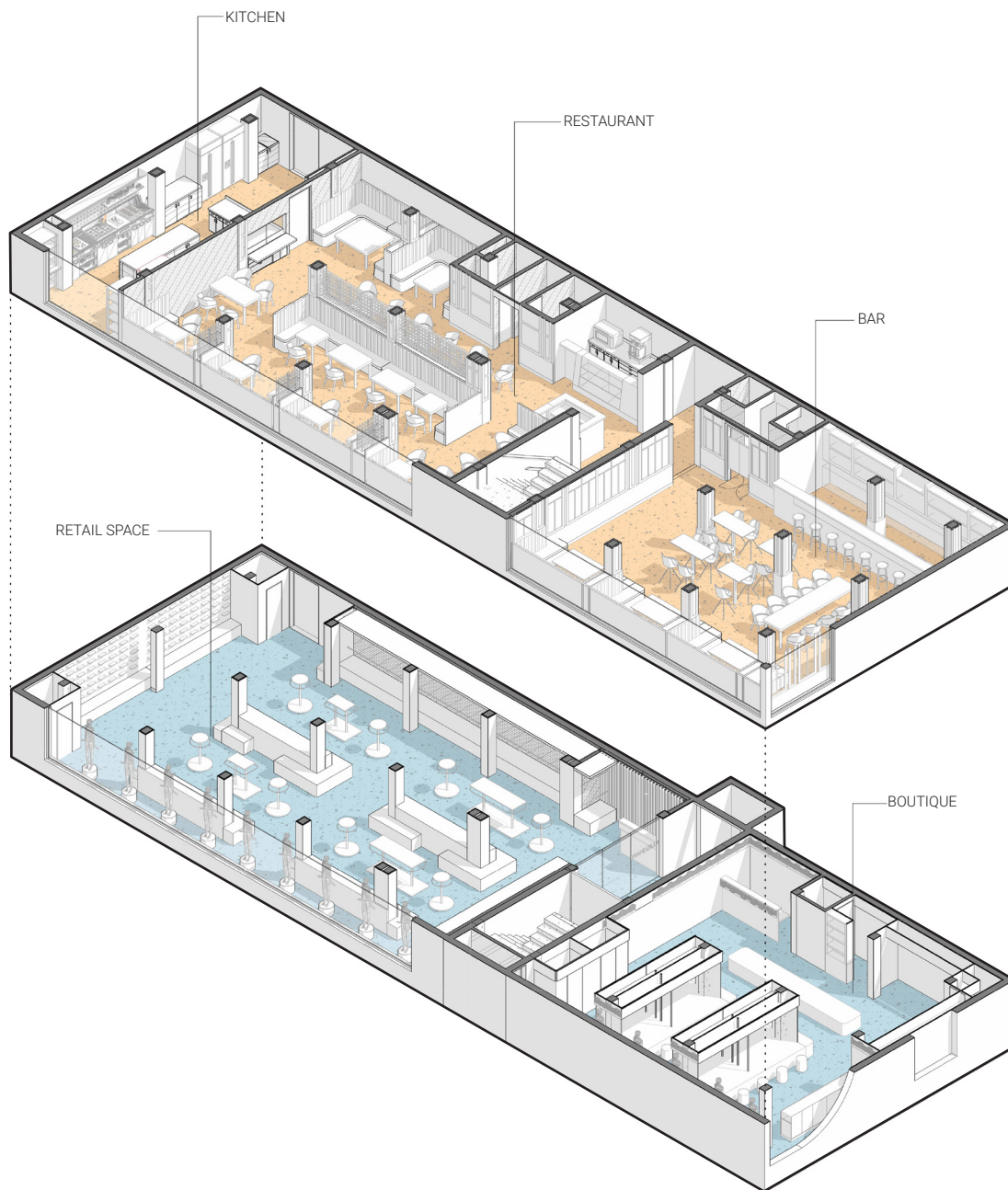
During our initial visit to Nepalgunj, we analyzed the site, discussed constraints with the client, grasped their objectives, and identified the business model and target customers. We brainstormed, creating minimalist shopping spaces to showcase merchandise and enhance the user experience. Our process included developing a BIM model for efficient exploration of design options and finding the ideal solution.



DIAGRAM: BUILDING PROGRAM

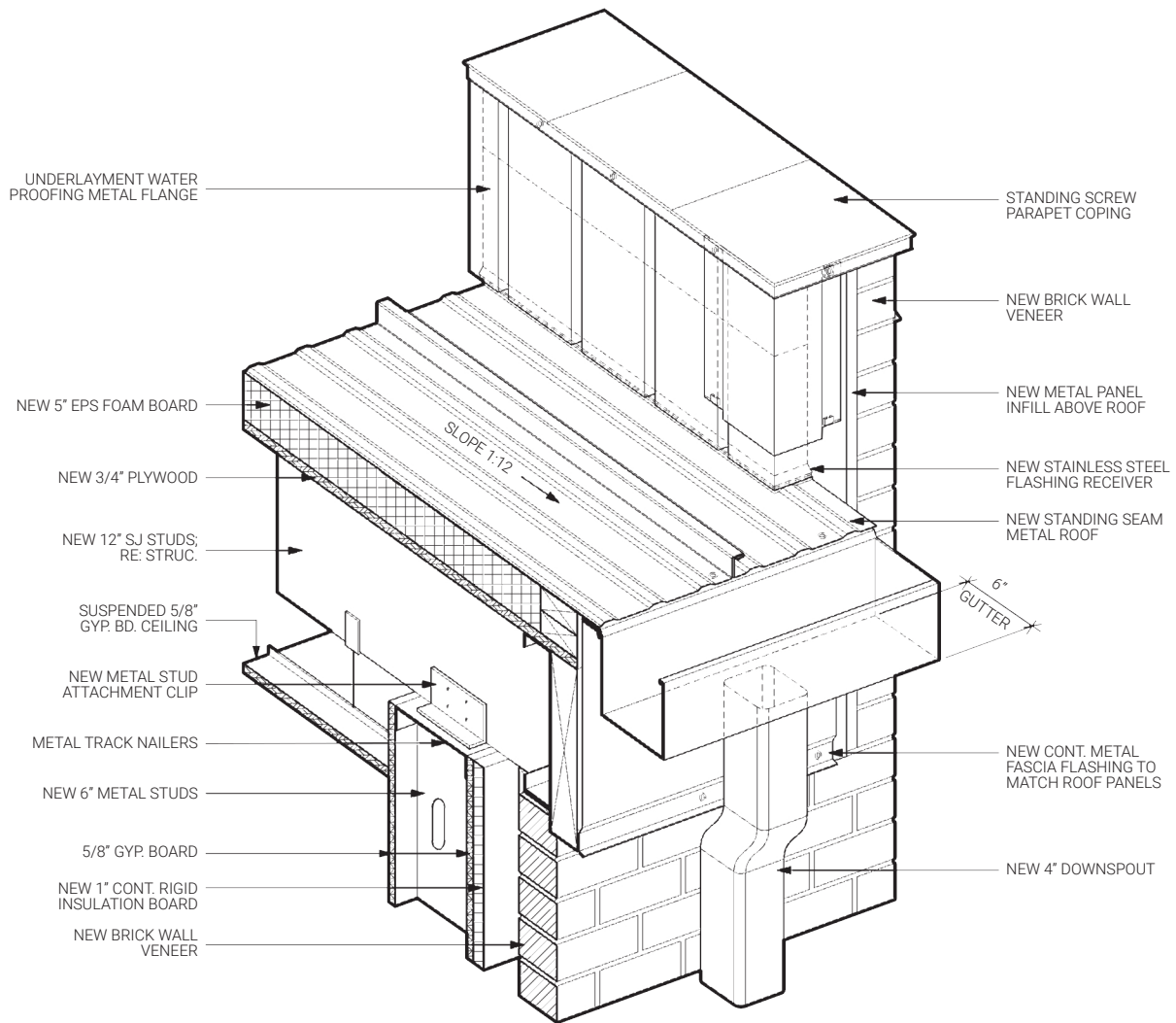
Responsibilities

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MISCELLANEOUS PROJECTS



STUDIO 2.0

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