
PORTFOLIO
FLOOR PLANNING
AIM INTEGRATED DESIGN
AIM INTEGRATED DESIGN



ABOUT US

AIM Integrated Design is a multidisciplinary vanguard bridging visionary conceptualization and operational reality. We engineer data-rich, build-ready solutions, synthesizing "integration without limits" into high-performance environments for global hospitality and healthcare.

Our practice asserts that unity catalyzes efficiency. By fusing Operational Intelligence with Technical Rigor, we leverage advanced building information modeling (BIM) to neutralize risk and ensure ergonomic precision. This synthesis ensures Future-Ready Scalability, delivering adaptable architectural ecosystems engineered to evolve alongside emerging technologies.

As Architects of Synchronization, we provide a unified nexus where architecture, engineering, and technology converge. Forged in precision and global adaptability, AIM is the definitive partner for stakeholders demanding innovative, high-velocity, and hyper-efficient built environments.

OUR MISSION

1. Objective

To pioneer an "integration without limits" philosophy by synchronizing architecture, engineering, and technology into a unified, high-performance design ecosystem.

2. Direction

To evolve into a singular collaborative platform that redefines industry standards through intelligent, data-driven BIM workflows and seamless multidisciplinary execution.

3. Guiding Principles

We anchor our practice in technical precision, operational ergonomics, and uncompromising international compliance to ensure every project achieves peak efficiency.

4. Global Experience

Our portfolio spans diverse international sectors, navigating complex regulatory landscapes to deliver world-class design solutions across hospitality, commercial, and industrial markets.



OUR VISION

Future Aspiration

To architect a borderless, intelligent ecosystem where design, engineering, and construction converge into a singular, unified platform of innovation.

Strategic Outlook

To leverage advanced building information modeling (BIM)-centric workflows and multidisciplinary integration as the catalyst for smarter, data-driven, and hyper-efficient built environments.

Collective Dream

To dissolve industry silos by fostering a global collaborative culture where technology and human expertise harmonize to deliver limitless design possibilities.

OUR SERVICES

- KITCHEN DESIGN
- ARCHITECTURAL AND INTERIOR DESIGN
- BUILDING INFORMATION MODELING (BIM)
- FLOOR PLANNING



WHY US

AIM Integrated Design HAS THE unrivaled ability to bridge the gap between visionary conceptualization and operational reality through "integration without limits." We provide a unified nexus where architecture, engineering, and technology converge, leveraging Technical Rigor and advanced building information modeling (BIM) to neutralize project risk before it reaches the site. By synthesizing Operational Intelligence with Future-Ready Scalability, we deliver high-performance, data-rich environments engineered for ergonomic precision and long-term technological evolution. Partner with us to transform complex design into a seamless, hyper-efficient, and build-ready asset.

SOFTWARE TECHNICALITY



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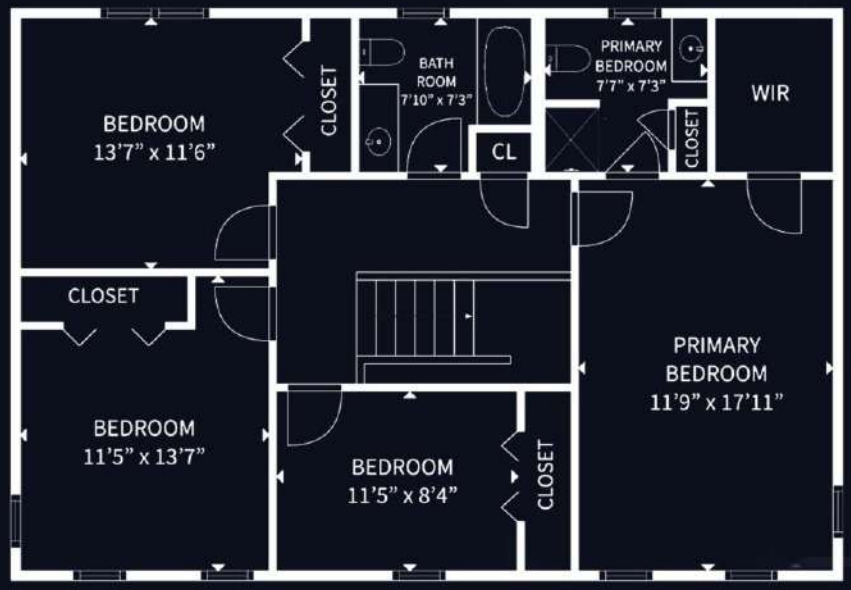
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UNITED STATES OF AMERICA

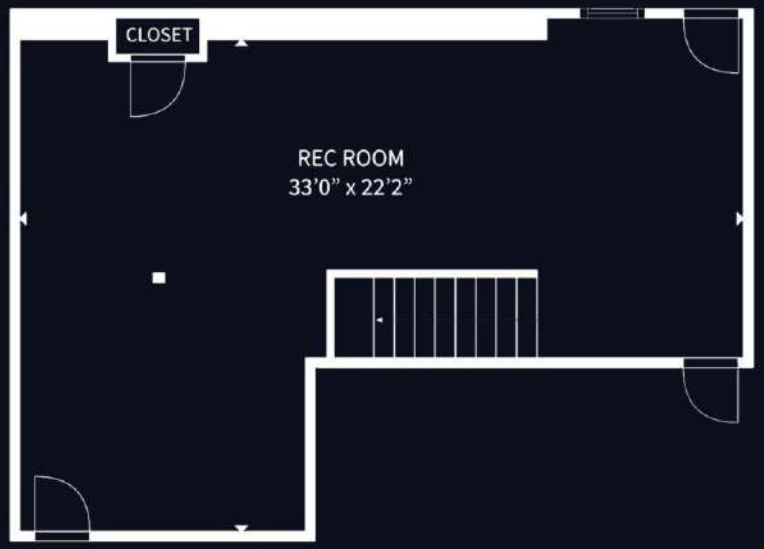
RESIDENTIAL PROJECT

The proposed design transforms the traditional residence into a sustainable "Bio-Harmony" model by introducing a multi-level atrium with an integrated vertical farm. The layout optimizes passive solar gain through a second-floor glass bridge and consolidates the main level into a "Great Room" featuring a double-sided hearth. The basement is reimagined as a specialized innovation studio, connected by a sculptural activity stair that enhances social interaction. By integrating greywater recirculation and a living green facade, the concept delivers a professional, net-zero-ready environment focused on ecological functionality.

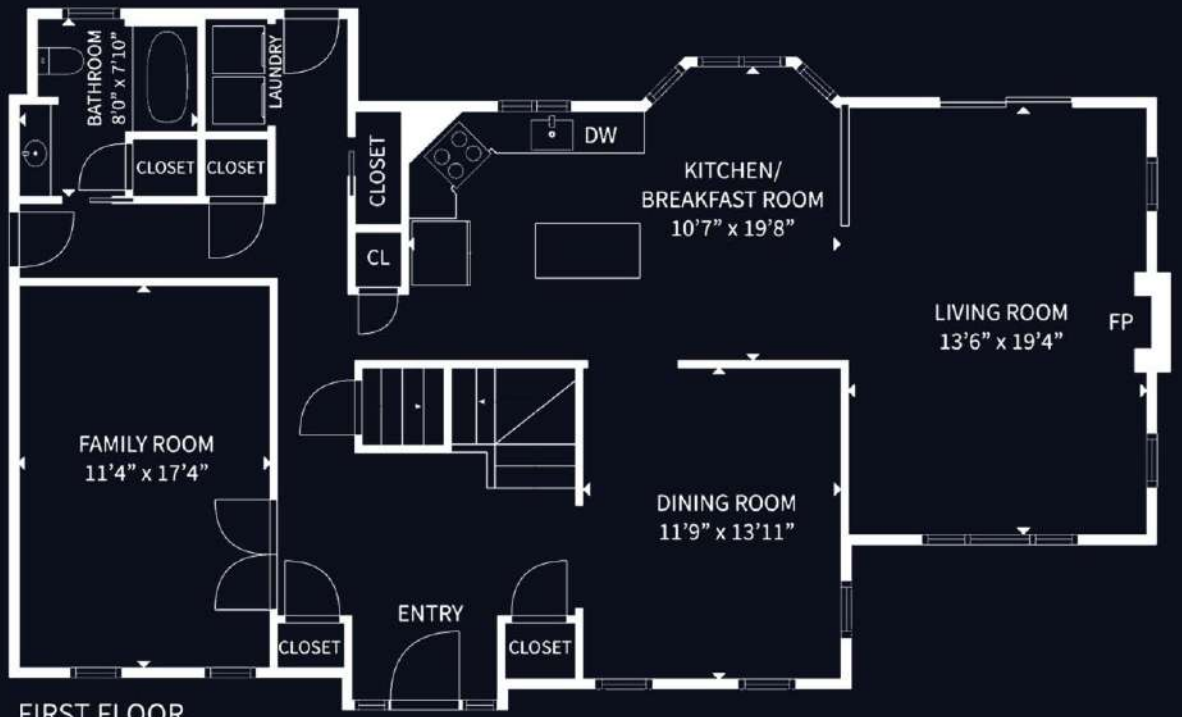
GROSS INTERNAL AREA
BASEMENT: 602 sq. ft, FIRST FLOOR: 1,290 sq. ft,
SECOND FLOOR: 940 sq. ft
TOTAL AREA: 2,832 sq. ft
SIZES AND DIMENSIONS ARE APPROXIMATE, ACTUAL MAY VARY.



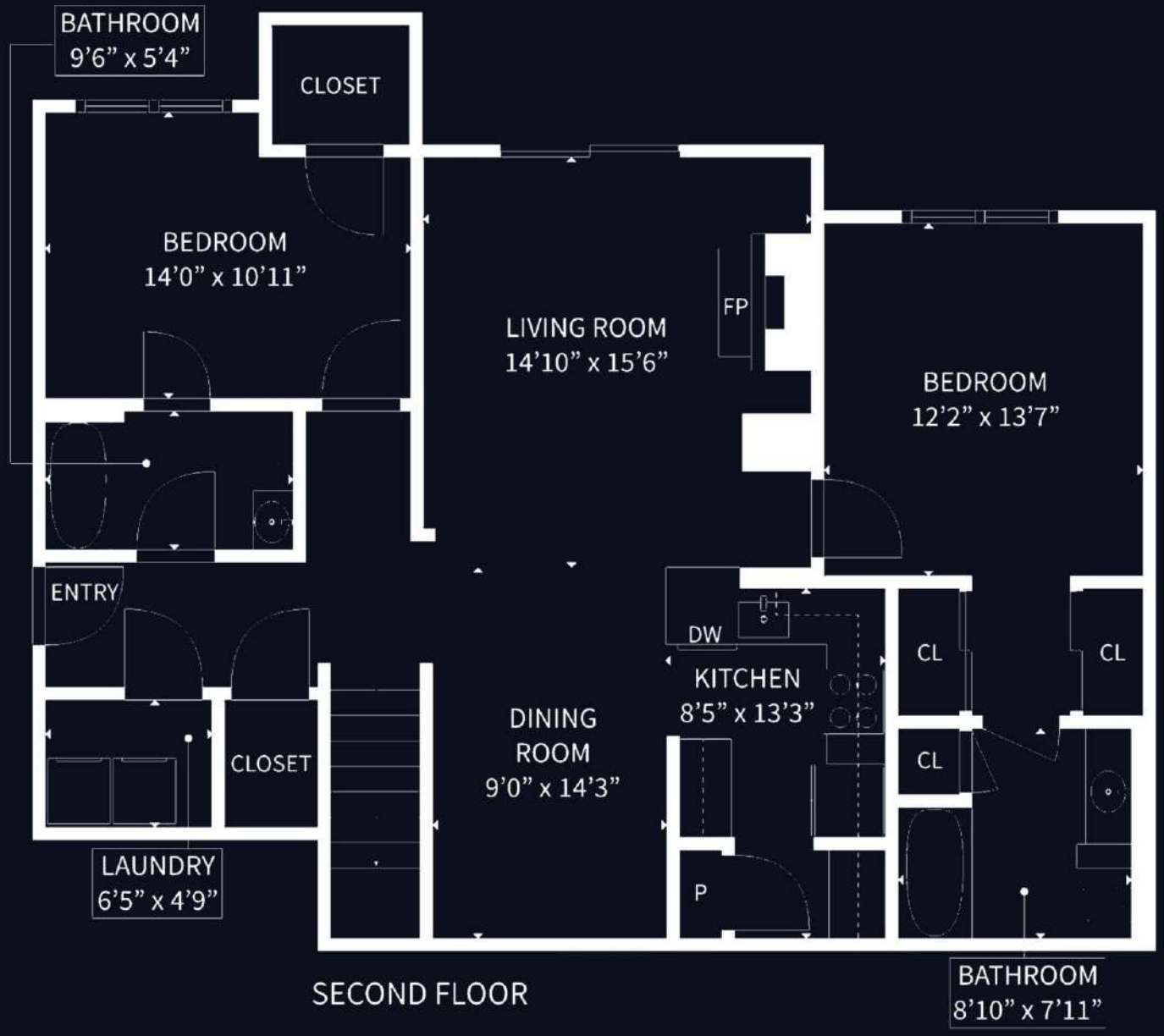
SECOND FLOOR



BASEMENT



FIRST FLOOR



RESIDENTIAL PROJECT

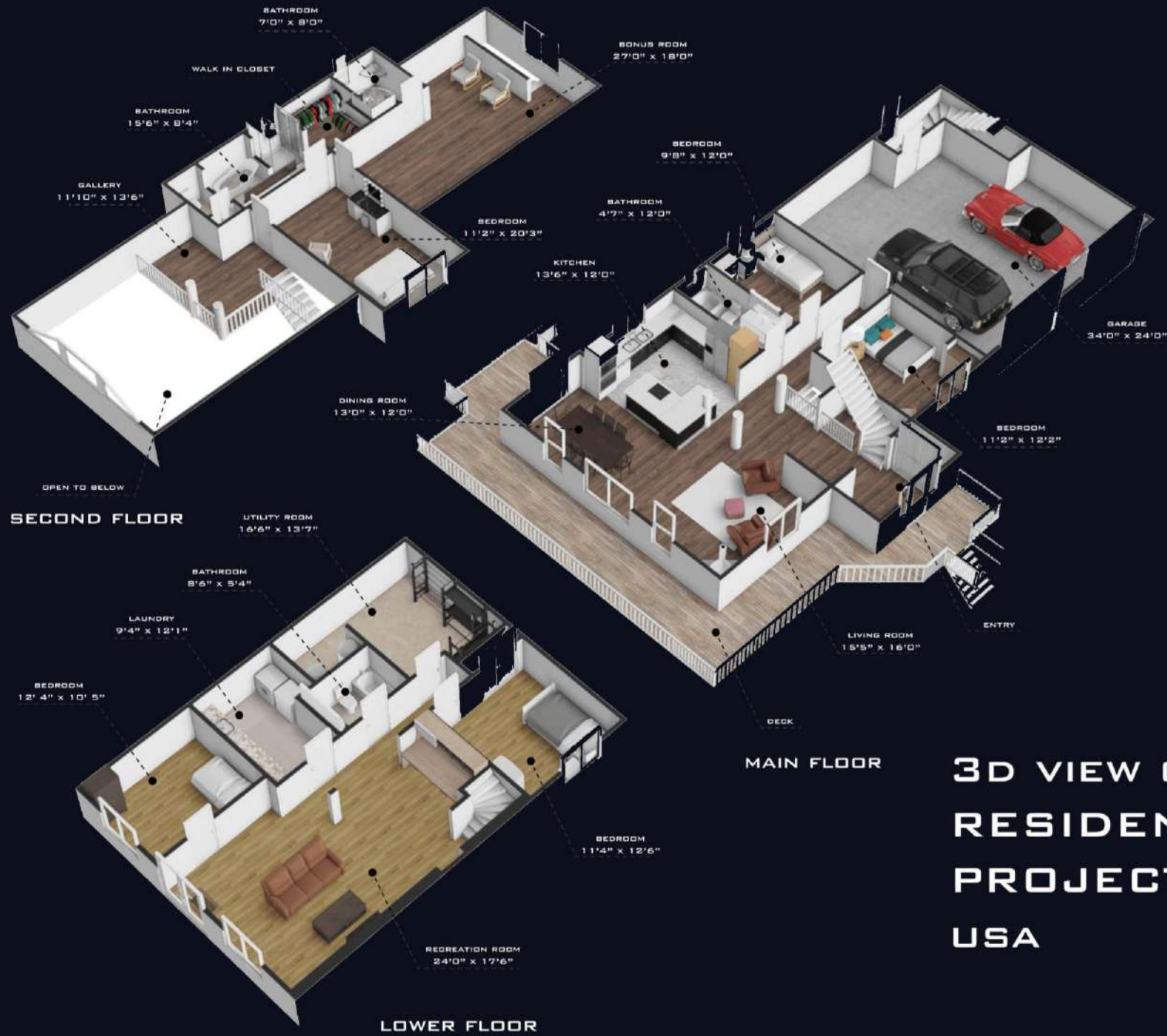
The proposed design transitions the existing layout into a "Light-Well Pavilion" concept, focusing on maximizing spatial efficiency and interior volume. By removing non-structural partitions between the living and dining areas, the plan creates a unified open-concept core that enhances cross-ventilation and natural light penetration. The secondary bedroom is reimagined as a flexible hybrid space, utilizing modular storage walls to easily transition between a private guest suite and a professional home office. This streamlined approach prioritizes a minimalist material palette and a simplified circulation path, resulting in a cohesive, modern living environment that maximizes the home's functional footprint.

GROSS INTERNAL AREA
FIRST FLOOR: 73 SQ.FT ,
SECOND FLOOR: 1,210 SQ.FT,
GARAGE: 446 SQ.FT
TOTAL AREA: 1,729 SQ.FT
SIZES AND DIMENSIONS ARE
APPROXIMATE, ACTUAL MAY VARY.

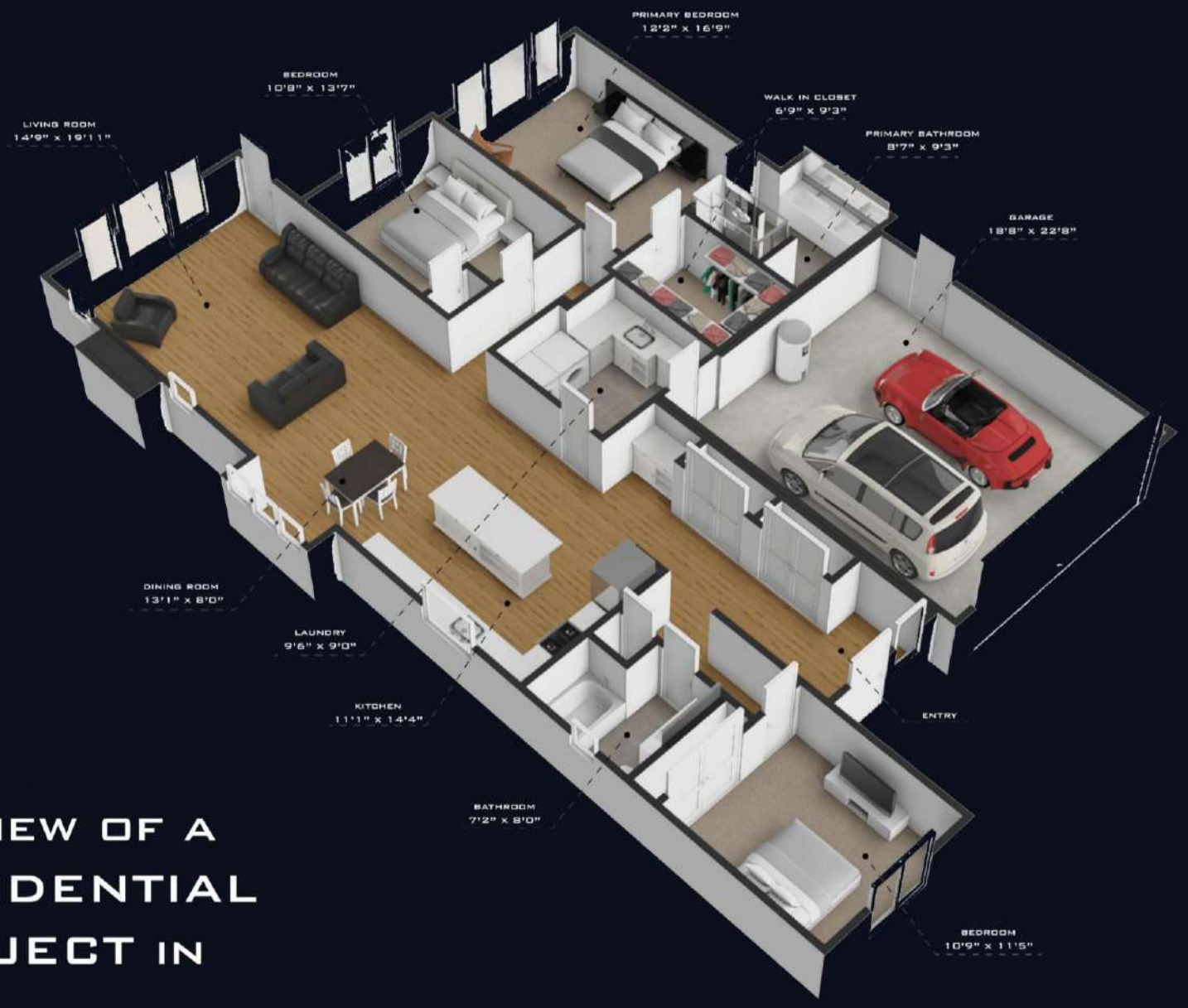
3D view of a residential project in USA



This concept proposes a "Suburban Flux" transformation, breaking the rigid boundary between the detached garage and the main living quarters to create a shared, weather-protected social plaza. By extending the roofline to form a continuous canopy over the deck, the design establishes a transitional outdoor living room that doubles the home's functional square footage for multi-seasonal use. The interior is opened into a singular, cohesive great room that prioritizes visual sightlines from the kitchen to the porch, while the secondary bedrooms are reimagined with modular wall systems to support flexible home-office or gym configurations. Anchored by energy-efficient smart glazing and sustainable cedar siding, the residence evolves into a modern, adaptive sanctuary that maximizes the footprint of the American suburban lot.



3D VIEW OF A RESIDENTIAL PROJECT IN USA



3D VIEW OF A RESIDENTIAL PROJECT IN USA



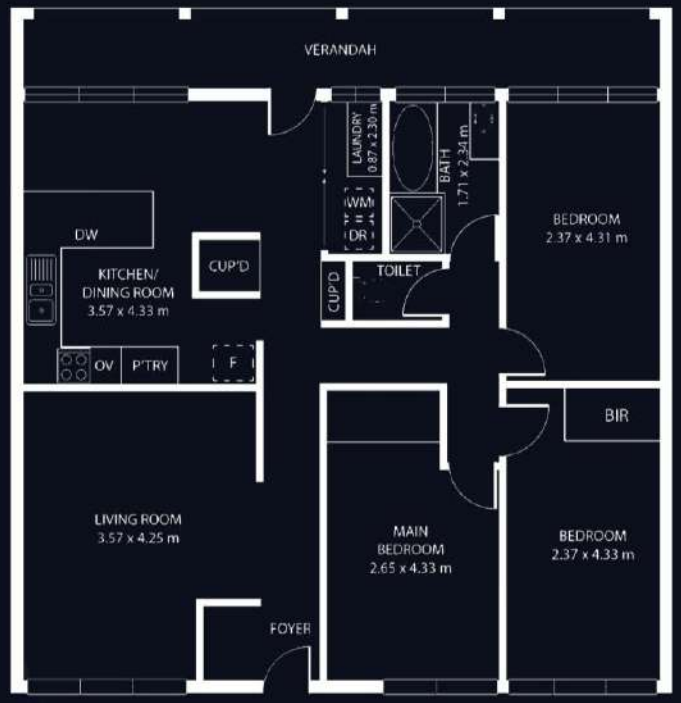
3D VIEW OF A RESIDENTIAL PROJECT IN USA



UNITED KINGDOM

RESIDENTIAL UNITS

The proposed design for this UK multi-unit development introduces a "Green-Spine Collective" concept, focusing on maximizing shared garden views and communal outdoor flow. By integrating a centralized landscape path that connects the detached units to the shared rear gardens, the plan creates a cohesive sense of community while maintaining private access. The interior layouts are optimized by consolidating utility zones and removing visual barriers between the kitchens and living rooms to enhance spatial depth and natural light. This professional approach utilizes the existing porches and verandahs as transition zones, resulting in a modern, garden-oriented living environment that balances individual privacy with social connectivity.



UNIT 1/91



UNIT 3/91



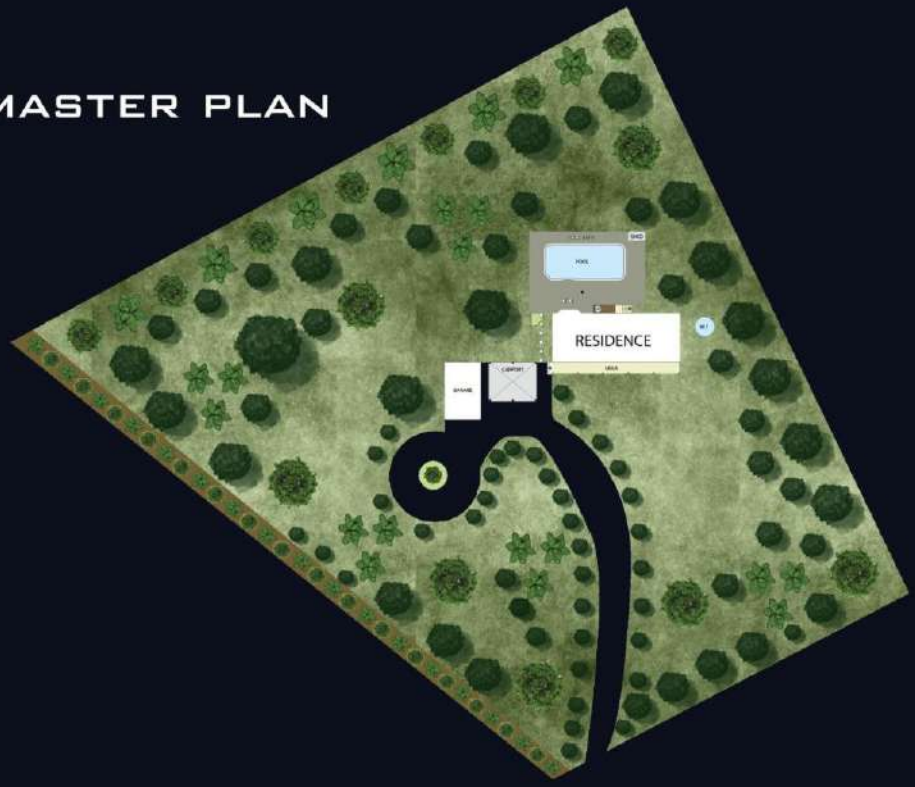
UNIT 2/91



RESIDENTIAL PROJECT



MASTER PLAN



CARPORT
4.0m x 6.0m

NOT IN POSITION

GARAGE
6.0m x 6.0m

NOT IN POSITION

SHED
3.0m x 6.0m

NOT IN POSITION

The proposed design transforms this residence into a "Biophilic Courtyard Pavilion," emphasizing a seamless connection between the interior living spaces and the expansive site landscape. By removing the central corridor and non-structural partitions, the layout is consolidated into an open-plan core that aligns the living and dining zones with a new southward-facing deck. The secondary bedrooms and study are reimagined as flexible, modular suites that can adapt to changing work-from-home or guest requirements. This professional concept utilizes a neutral material palette and strategic glazed openings to maximize natural light, creating a modern, high-performance living environment integrated with its natural surroundings.



RESIDENTIAL PROJECT

This concept transforms the layout into a "Thermal Hearth" residence, prioritizing energy efficiency and social connectivity for the UK climate. By relocating the kitchen and dining areas to the sun-drenched south-facing patio edge, the design creates a seamless indoor-outdoor transition through triple-glazed sliding walls. The central core is replaced with a double-height atrium that pulls natural light into the deeper floor plan, while the original garage is repurposed into a sustainable, multi-functional creative studio or workshop. This approach utilizes high-performance insulation and reclaimed brickwork to merge traditional British materiality with a modern, open-plan ecosystem centered on light and warmth.



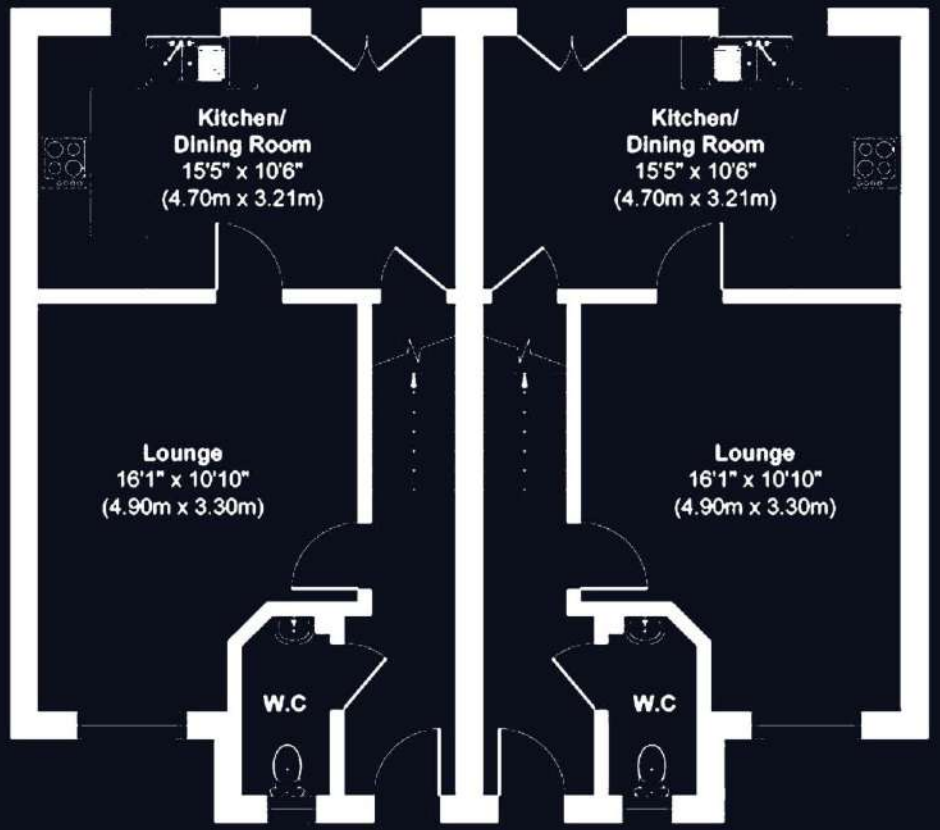
RESIDENTIAL PROJECT

This concept proposes a "Solar Solarium" transformation, re-engineering the layout to capture maximum light within the UK's temperate climate. By replacing the solid wall between the Living/Dining area and the Patio with a floor-to-ceiling high-performance glass curtain, the home establishes a thermal buffer that pulls solar gain deep into the open-plan core. The Garage is reimagined as a "Flex-Module" creative studio, utilizing modular partition walls to adapt between a workshop, home gym, or guest suite as needed. Utilizing sustainable timber cladding and a wildflower green roof, the design merges modern efficiency with a soft, organic aesthetic that balances privacy and environmental connectivity.



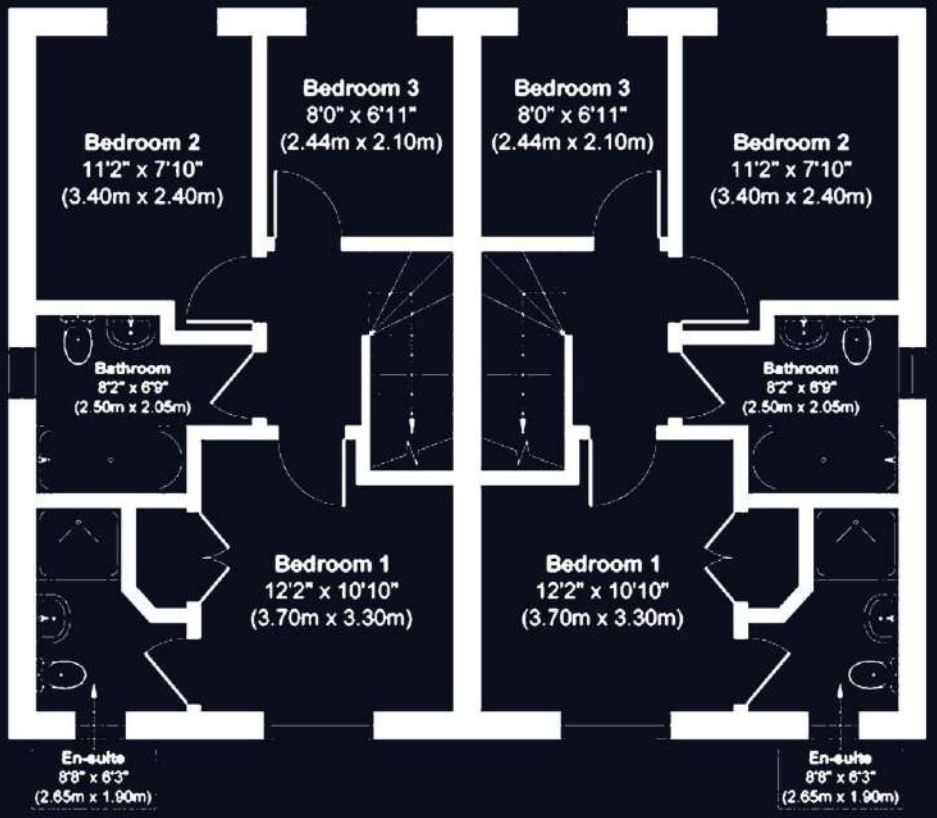
AUSTRALIA

3



Ground Floor
Approximate Floor Area
411 sq. ft
(38.16 sq. m)

Ground Floor
Approximate Floor Area
411 sq. ft
(38.16 sq. m)



First Floor
Approximate Floor Area
386 sq. ft
(35.90 sq. m)

First Floor
Approximate Floor Area
386 sq. ft
(35.90 sq. m)

TWIN RESIDENTIAL UNITS

The proposed design for this Australian semi-detached residence introduces a "Breezeway Pavilion" concept to enhance natural ventilation and indoor-outdoor connectivity. On the ground floor, the kitchen and dining area are opened into the lounge to create a seamless, through-plan living space that facilitates cross-breezes and eliminates dark corners. The first floor is optimized by converting the smallest bedroom into a dedicated multi-use mezzanine that overlooks a new double-height void above the dining zone, pulling natural light deep into the center of the plan. This approach utilizes a palette of raw timber and light-reflective surfaces to maximize the sense of volume, creating a modern, airy environment suited for a coastal or urban Australian context.

MASTER PLAN





RESIDENTIAL PROJECT

This innovative concept transforms the home into a biophilic retreat by hollowing out the core to create a glass-walled internal courtyard. This "light-well" separates the residence into a quiet sleeping pavilion and a high-energy social wing, maximizing natural cross-ventilation and views of greenery. The design features rammed earth walls and a sleek infinity-edge pool that merges seamlessly with the newly terraced landscape. By replacing compartmentalized rooms with open-plan transitions, the home becomes a high-performance ecosystem optimized for the Australian indoor-outdoor lifestyle.



RESIDENTIAL PROJECT

This innovative concept reimagines the residence as a Breezeway Sanctuary, hollowing out the central circulation spine to create an elongated internal garden that breathes life into the narrow plan. By installing operable glass louvers and a "living skin" of vertical greenery along the western boundary, the design naturally mitigates heat while bathing the kitchen and dining zones in dappled light. The rear patio is transformed into a sunken fire-pit lounge that spills into a regenerative native meadow, blurring the threshold between the interior and the landscape. Utilizing recycled timber and solar-integrated roofing, the home evolves from a standard suburban layout into a high-performance, carbon-neutral ecosystem tailored for modern Australian living.



GROUND FLOOR



FIRST FLOOR

RESIDENTIAL PROJECT

THE RESIDENCE IS A VERTICAL BIO-ATRIUM, REPLACING THE CENTRAL STAIRS WITH A DOUBLE-HEIGHT GLASS VOID TO DRIVE PASSIVE COOLING ACROSS BOTH LEVELS. THE GROUND-FLOOR RUMPUS AND LAUNDRY ARE OPENED INTO A SEAMLESS "GARDEN ROOM" THAT CONNECTS DIRECTLY TO THE EXPANSIVE LAWN THROUGH MASSIVE SLIDING TIMBER FRAMES. UPSTAIRS, THE SUNROOM IS TRANSFORMED INTO A HIGH-PERFORMANCE THERMAL BUFFER, UTILIZING OPERABLE LOUVERS TO REGULATE HEAT WHILE BATHING THE OPEN-PLAN LIVING AND DINING ZONES IN NATURAL LIGHT. ANCHORED BY THE USE OF RAMMED EARTH FOR THERMAL MASS AND A ROOFTOP MEADOW, THE DESIGN EVOLVES FROM A TRADITIONAL SPLIT-LEVEL INTO A SUSTAINABLE, REGENERATIVE ECOSYSTEM TAILORED FOR THE AUSTRALIAN CLIMATE.

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