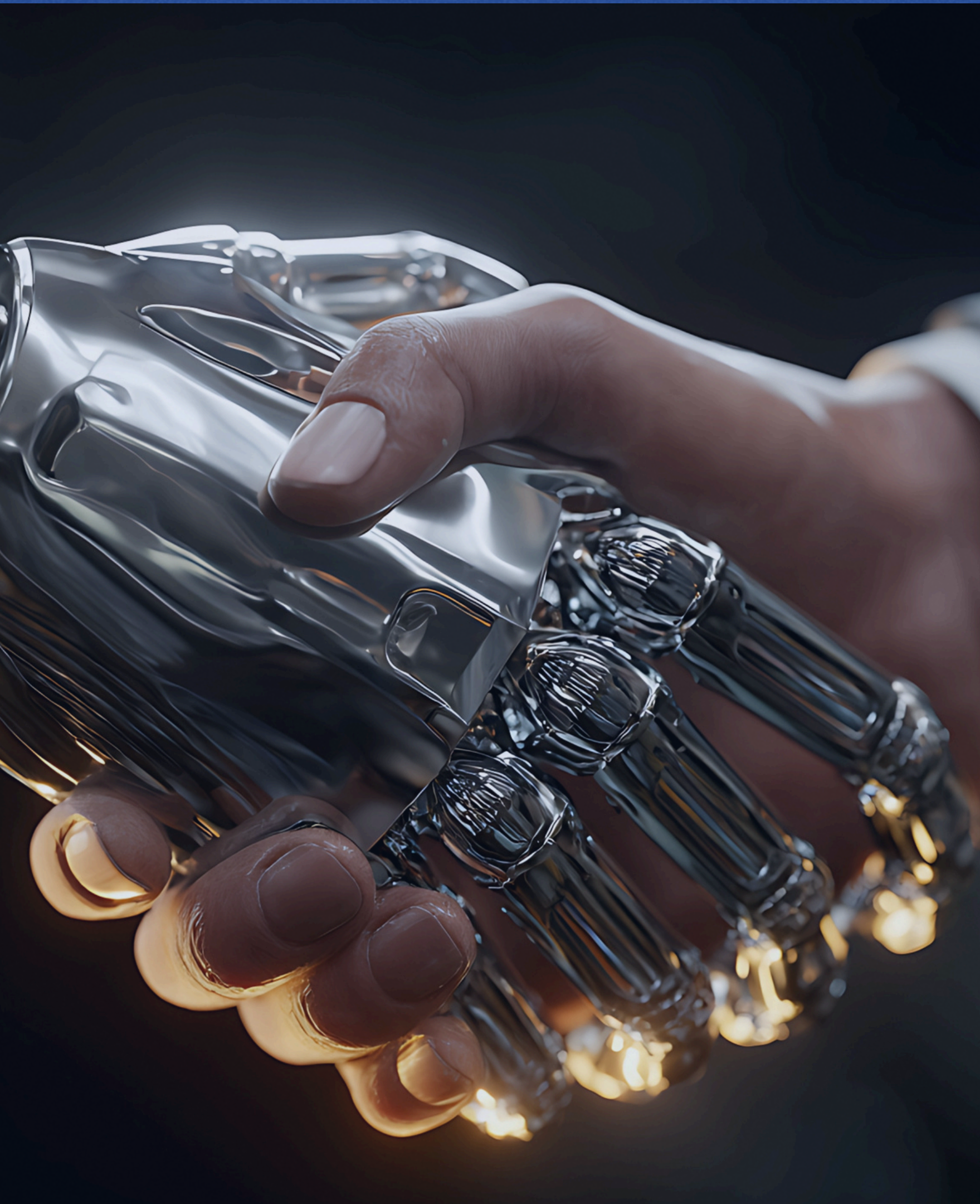




PRESENTED BY: JASKIRAN KAUR

10/7/2026

AI Styling for the Future

"EMPOWERING INTERIORS WITH AI"

presented to
ACADEMY OF APPLIED ARTS

**CAPESTONE
PROJECT**

ACKNOWLEDGEMENT



I would like to express my sincere gratitude to Amandeep Singh Malhotra Sir for his invaluable guidance and support throughout my AI Capstone Project. His insights and encouragement introduced me to innovative possibilities of Artificial Intelligence in interior design, helping me explore new ways of enhancing creativity and presentation. Through his mentorship, I gained practical knowledge of various AI tools for image generation, visual research, video creation, graphic development, and design exploration. His guidance encouraged me to experiment with emerging technologies and understand their potential in transforming the design workflow. I am truly grateful for his patience, expertise, and encouragement, which have significantly enriched my learning experience and strengthened my confidence in integrating AI with design.

RESEARCH

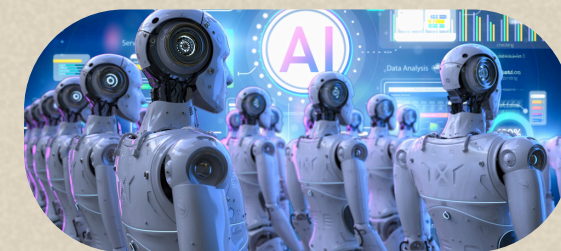
Research & Analytics: Used DeepSeek for intensive research, calculating precise square footage and compliance metrics for office requirements.

Vastu Alignment: Leveraged DeepSeek to ensure every spatial calculation aligned perfectly with Vastu principles, optimizing energy and productivity.

Design Development: Created bubble diagrams and drafted layouts using Figma for seamless space planning

Visualization: Utilized ChatGPT and Gemini for high-quality, client-approved renderings.

Media Production: Finalized the project narrative with walkthrough videos and graphics created using Runway and X Figura AI.



OFFICE *design* CONCEPT

CONCEPT OVERVIEW

Instead of treating the office as a workplace, we design it as a journey through the firm's creative process.

Clients should experience:

Inspiration

Material Discovery

Collaboration

Creation

Decision

LIGHTING

lighting is designed in soft layers to enhance comfort and luxury: ambient lighting for overall brightness, task lighting for work efficiency, accent lighting to highlight textures, artwork, or moldings.

DESIGN PHILOSOPHY

The QUANTOM STUDIO is conceived as a warm, contemporary and hospitality-inspired workplace, where creativity, functionality and refined aesthetics come together. The design uses a restrained palette of warm greige microcement, natural walnut, travertine, maroon stone and champagne bronze to create a sophisticated yet welcoming atmosphere.

Open workspaces encourage collaboration and visual connectivity, while movable partitions, planters and carefully placed storage create subtle zoning without making the office feel enclosed. The corridor is envisioned as a design gallery, displaying materials, projects and architectural models, turning circulation into an experiential journey.

SPATIAL PLANNING

The spatial planning of THE OFFICE is organized to create a clear transition between public, collaborative and private work zones. The reception, coffee station and waiting lounge form the welcoming front-of-house area, creating an immediate hospitality-inspired experience for visitors. The central workspace is planned for junior designers, draftsmen, senior designers and 3D visualisers, with movable cabinets and partitions providing flexible zoning while maintaining visual connectivity. Supporting spaces such as the admin room, print room, material library, conference room, staff lounge and nook are positioned around the main working areas for easy accessibility.

The circulation is designed as a continuous spine through the office, leading towards the more private areas while allowing efficient movement between departments. The corridor also functions as a design gallery, integrating project displays, materials and architectural elements into the circulation experience.

INTRODUCTION

The Quantum studio is a contemporary interior design studio envisioned as a creative, collaborative, and refined workplace. The studio is designed to support the complete design process, from concept development and material exploration to client presentations and visualisation. The spatial planning creates a seamless connection between public, collaborative, and private areas, while maintaining a sense of openness and visual connectivity. Carefully planned circulation, flexible workspaces, integrated greenery, and curated display areas create an environment that encourages creativity, productivity, and interaction. The overall vision is to create a studio that is professional yet welcoming, sophisticated yet comfortable, and functional while inspiring creativity.

OUR VISION

The studio aims to provide an environment that supports designers through every stage of the creative process while encouraging interaction, knowledge sharing, and new ideas. The space is envisioned as a creative ecosystem rather than a conventional office, where workspaces, material exploration, client interaction, and informal collaboration are seamlessly connected. The ultimate goal is to create a studio that inspires people, reflects the identity of the designers, and transforms everyday work into a meaningful creative experience.



THE QUANTOM STUDIO

Where Ideas Become Tangible."



Plot Size 30' × 100'

Total Plot Area 3,000 sq.ft.

Plot Facing South-facing

Frontage 30'

Plot Depth 100'

Main Entrance South side

Planning Approach Vastu-based spatial zoning

Central Zone Brahmasthan / central open zone

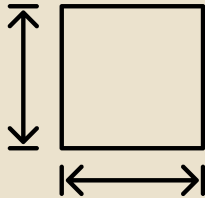
DETAILS



area allotted acc to vastu

Direction / Zone	Space allocated
South-East (Agneya)	Main Entrance / Entrance Vestibule
East / North-East (Ishanya)	Reception + Gallery / Focus Nook
South-West (Nairitya)	Principal / Director Cabin
Centre-East	Open Design Studio / Workstations
Centre (Brahmasthan)	Open / Void / Atrium
North-West (Vayavya)	Conference + Utility / Print-IT areas
North-East / East	Material Library
South-East	Pantry / Coffee Station
South-West / West	Storage / heavier functions

area requirement chart



S. No.	Room / Zone	Area (sq.ft.)
1	Reception + Gallery	300
2	Client Meeting Room	200
3	Material Library	180
4	Principal's Cabin + Strong Room	320
5	Admin / Accounts Desk	170
6	Pantry + Breakout Lounge	160
7	Open Design Studio	330
8	Collaboration Zone	280
9	Phone Booths (2 Nos.)	40
10	Print / IT Room	180
11	Sample Storage / Archives	120
12	Main Entrance Foyer	280
13	Central Atrium (Brahmsthan – void)	300
14	Circulation / Corridors & Walls	140
—	TOTAL	3,000

concept formation



principal cabin



reception area



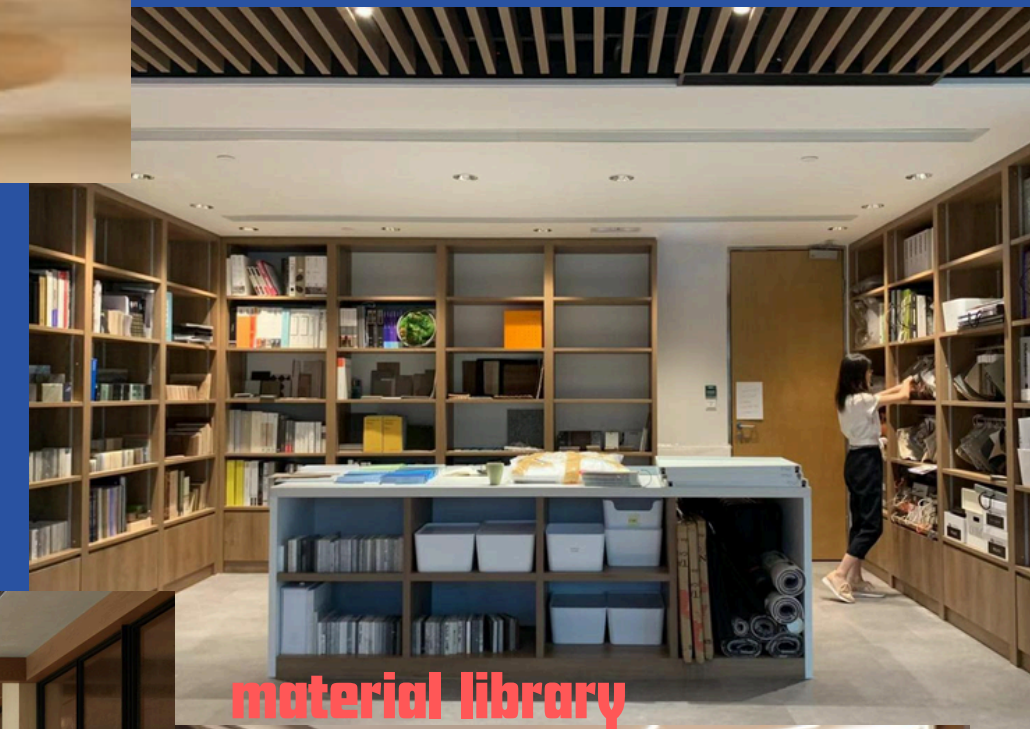
work station



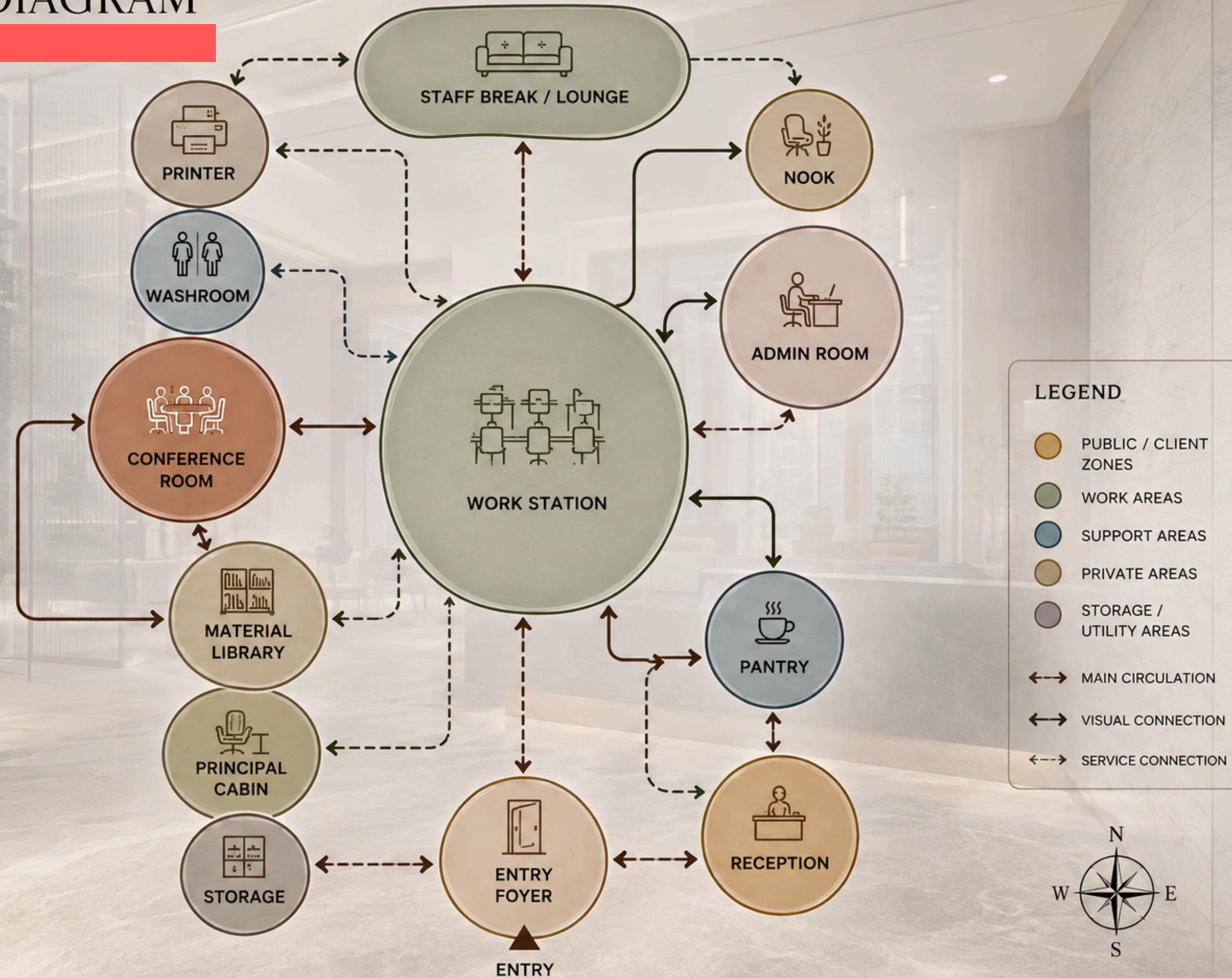
conference room



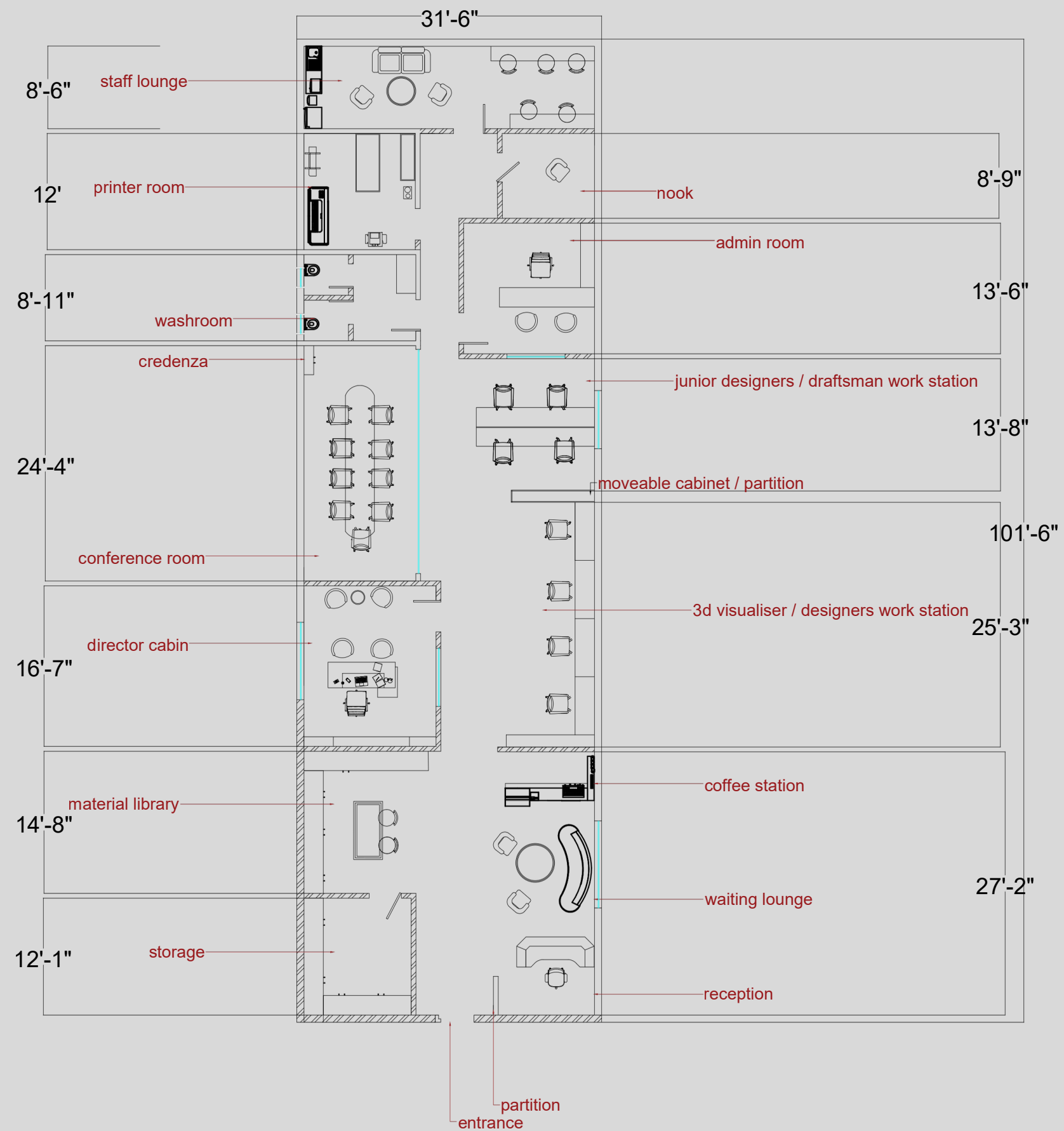
material library

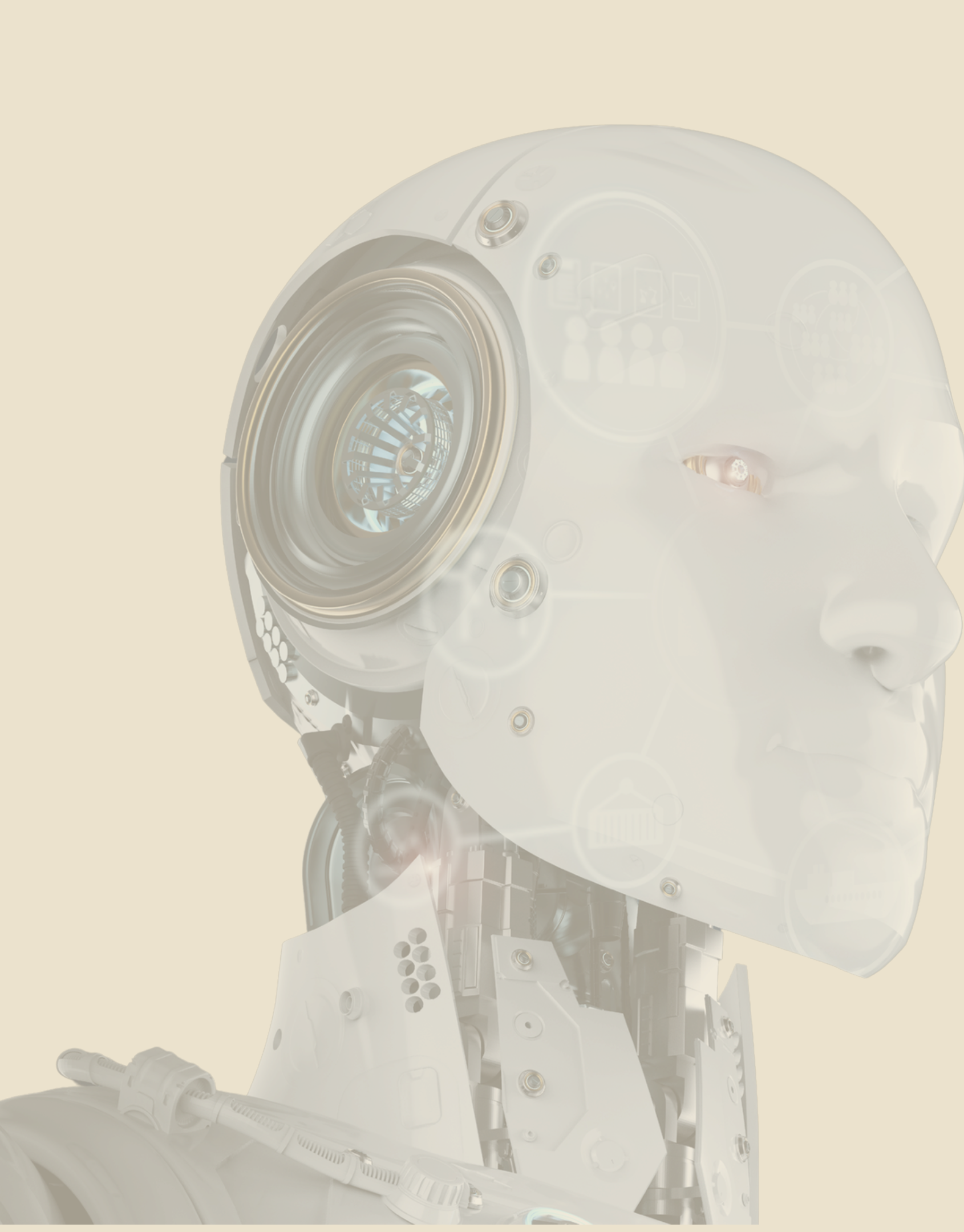


BUBBLE DIAGRAM



LAYOUT PLAN



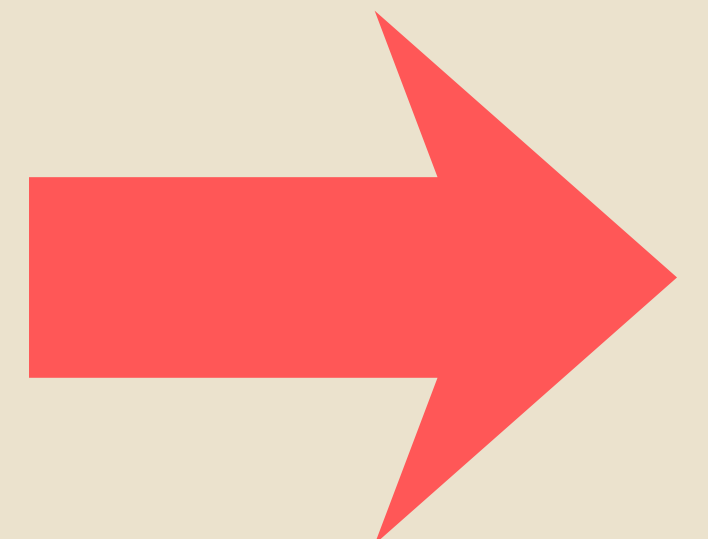


3D RENDERS

3D VISUALISATION DEVELOPMENT

THE 3D RENDERS FOR THE QUANTOM STUDIO WERE DEVELOPED WITH THE ASSISTANCE OF CHATGPT, USING AI-BASED VISUALISATION TO EXPLORE AND REFINE THE PROPOSED INTERIOR DESIGN CONCEPTS. THE PROCESS HELPED TRANSLATE THE SPATIAL PLANNING, MATERIALS, FURNITURE, LIGHTING, AND DESIGN DETAILS INTO REALISTIC VISUAL REPRESENTATIONS.

AI WAS ALSO USED TO EXPERIMENT WITH DIFFERENT DESIGN ELEMENTS, COMPOSITIONS, MATERIALS, AND FINISHES, ALLOWING THE VISUAL DIRECTION TO BE REFINED EFFICIENTLY WHILE MAINTAINING THE OVERALL DESIGN INTENT. THE FINAL RENDERS HELPED COMMUNICATE THE PROPOSED SPACES MORE CLEARLY AND EFFECTIVELY FOR PRESENTATION AND DESIGN DEVELOPMENT.



Hidden Storage – Feature Wall
The storage room is concealed behind the feature wall of the material library through a seamless hidden door.
This approach maximizes functionality while maintaining a clean, continuous, and visually uncluttered wall.

Material Library
The material library provides an organized space for exploring and displaying a curated range of materials and samples.
It combines accessibility with visual presentation, making material selection an integral part of the studio experience.

Entrance



Coffee Station
The coffee station is designed as a functional yet inviting hospitality feature for both clients and staff.
Its L-shaped configuration, open display, and integrated storage create an informal social zone.
Material Library

ENTRANCE, RECEPTION AND WAITING LOBBY

Waiting Lounge
The waiting lounge creates a warm and welcoming environment through curved seating, sculptural furniture, and a relaxed arrangement.
It encourages comfortable interaction while establishing a sophisticated first impression for visitors.



Reception Table

The reception table acts as a strong focal element with its sculptural form and refined detailing.

Its design creates a luxurious, professional, and hospitality-inspired arrival experience.





THE PRINCIPAL’S CABIN IS DESIGNED AS A REFINED, PRIVATE AND AUTHORITATIVE WORKSPACE THAT BALANCES PROFESSIONALISM WITH WARMTH AND COMFORT. THE RICH MAROON CABINETRY CREATES A STRONG VISUAL IDENTITY, WHILE THE WALNUT FURNITURE, ELEGANT LIGHTING AND CURATED DÉCOR GIVE THE SPACE A SOPHISTICATED CHARACTER.

A LARGE CENTRAL WINDOW BRINGS IN NATURAL LIGHT AND CONNECTS THE CABIN WITH THE SURROUNDING GREENERY, CREATING A CALM WORKING ENVIRONMENT. THE INTEGRATED DISPLAY CABINETRY PROVIDES STORAGE WHILE ALSO SHOWCASING BOOKS, ARTEFACTS AND PERSONAL ELEMENTS, MAKING THE CABIN FEEL PERSONALISED, LUXURIOUS AND TIMELESS.



MATERIALS USED – PRINCIPAL’S CABIN

THE PRINCIPAL’S CABIN USES A RICH AND SOPHISTICATED COMBINATION OF MAROON-TONED PANELLED WOOD, NATURAL WALNUT, WARM NEUTRAL WALL FINISHES, AND PATTERNED TIMBER FLOORING TO CREATE AN ELEGANT EXECUTIVE ATMOSPHERE. A MARBLE-TOPPED WORK DESK, UPHOLSTERED LOUNGE SEATING, AND A LAYERED AREA RUG INTRODUCE CONTRASTING TEXTURES AND COMFORT. BRONZE AND WARM METALLIC ACCENTS ARE INCORPORATED THROUGH THE LIGHTING AND FURNITURE DETAILS, WHILE SOFT FABRIC UPHOLSTERY ADDS WARMTH TO THE SEATING AREA. THE OVERALL MATERIAL SELECTION CREATES A TIMELESS, LUXURIOUS, AND PROFESSIONAL CHARACTER WHILE MAINTAINING VISUAL CONTINUITY WITH THE REST OF THE DESIGN ATELIER.

PRINCIPAL CABIN



THE WORKSTATION IS DESIGNED AS AN OPEN, COLLABORATIVE AND EFFICIENT STUDIO ENVIRONMENT, ALLOWING DESIGNERS TO WORK TOGETHER WHILE MAINTAINING INDIVIDUAL WORK ZONES. THE ARRANGEMENT PROVIDES CLEAR CIRCULATION AND VISUAL CONNECTIVITY, WITH INTEGRATED STORAGE AND DISPLAY ELEMENTS HELPING TO ORGANIZE THE WORKSPACE. THE USE OF WARM TIMBER FINISHES, SOFT NEUTRAL TONES, GREENERY AND LAYERED LIGHTING CREATES A CALM YET CREATIVE ATMOSPHERE. THE OPEN SHELVING AND PLANTER ELEMENTS ALSO INTRODUCE VISUAL SEPARATION WITHOUT MAKING THE WORKSPACE FEEL ENCLOSED.



WORK STATION



THE CONFERENCE ROOM IS DESIGNED WITH A WARM, SOPHISTICATED AND CONTEMPORARY PALETTE OF DEEP WALNUT BROWN, RICH MAROON, WARM GREIGE, BLACK, AND SOFT BEIGE. THE COMBINATION CREATES A PROFESSIONAL YET INVITING ATMOSPHERE SUITABLE FOR CLIENT PRESENTATIONS AND TEAM DISCUSSIONS.

THE MAIN FEATURE WALL USES NATURAL WALNUT WOOD PANNELLING WITH GEOMETRIC DETAILING, COMPLEMENTED BY A MARBLE-FINISHED CONFERENCE TABLE AND RICH MAROON LEATHER CHAIRS. BEIGE STONE FLOORING, A PATTERNED AREA RUG, BLACK ACCENTS, AND WARM BRASS-TONED LIGHTING ADD TEXTURE AND UNDERSTATED LUXURY, WHILE GREENERY SOFTENS



CONFERENCE ROOM



THE ADMIN / ACCOUNTS ROOM IS DESIGNED AS A PROFESSIONAL, ORGANIZED AND COMFORTABLE WORKSPACE, WITH A CLEAN EXECUTIVE CHARACTER THAT COMPLEMENTS THE OVERALL DESIGN LANGUAGE OF THE DESIGN ATELIER. THE LARGE GLAZED PARTITION PROVIDES VISUAL CONNECTIVITY WITH THE MAIN WORKSTATION, ALLOWING THE ADMINISTRATOR TO MAINTAIN A DIRECT VISUAL CONNECTION WITH THE STUDIO.

THE TRANSPARENT PARTITION ALSO ALLOWS THE ADMINISTRATOR TO OVERLOOK THE WORKSTATION AND OBSERVE THE OVERALL ACTIVITY OF THE DESIGN TEAM WHILE MAINTAINING ACOUSTIC AND FUNCTIONAL SEPARATION. WARM LIGHTING, INTEGRATED STORAGE AND A FOCUSED DESK ARRANGEMENT CREATE AN EFFICIENT ENVIRONMENT FOR ADMINISTRATIVE WORK.

ADMIN ROOM



PRINTER ROOM



PASSAGE



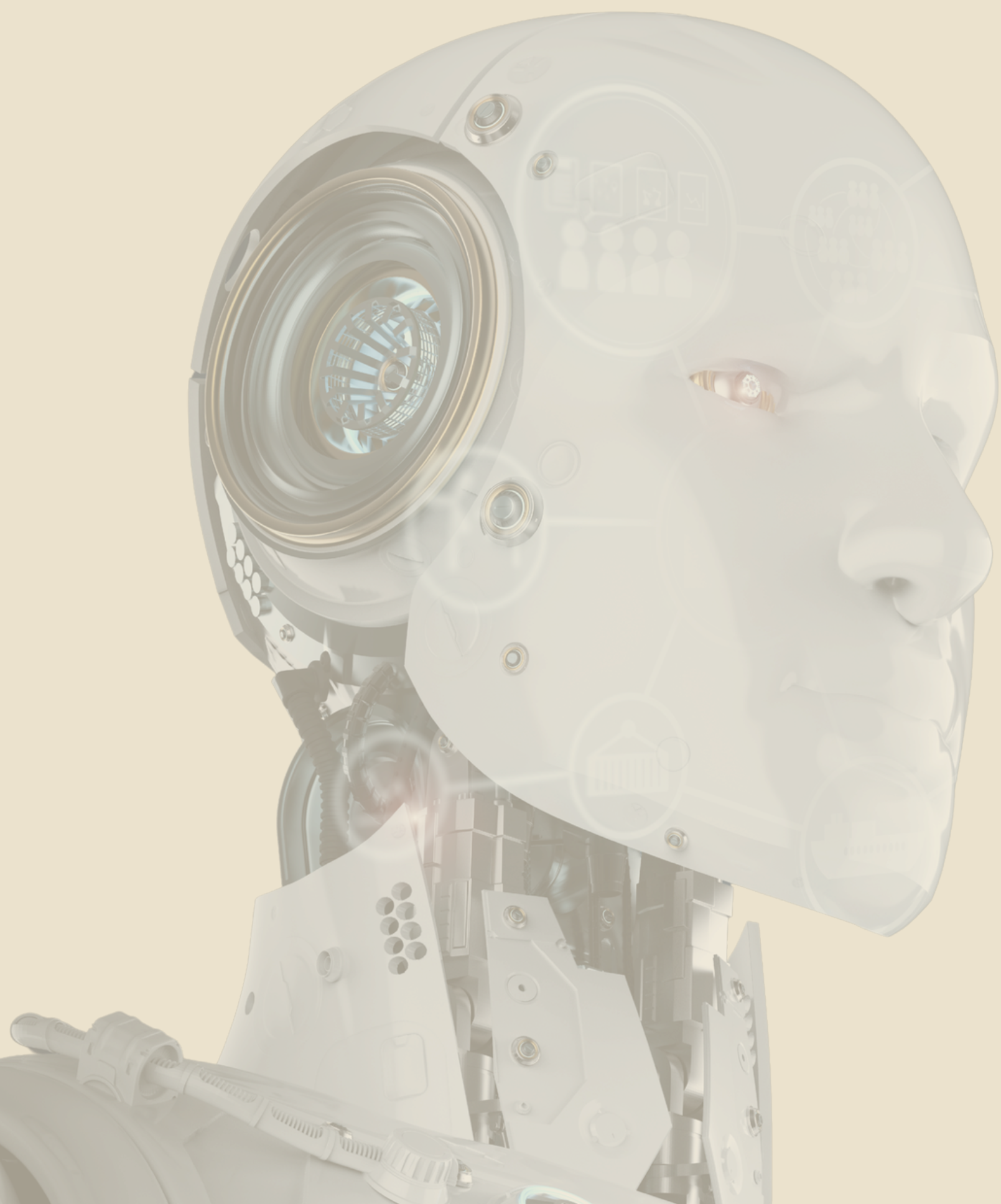
THE COMMON WASHROOM IS DESIGNED AS A CLEAN, CONTEMPORARY AND CALMING SPACE, USING WARM NEUTRALS, MUTED OLIVE ACCENTS, NATURAL WOOD TONES, AND SUBTLE BLACK DETAILING. THE COMBINATION OF TERRAZZO FLOORING, TEXTURED WALL FINISHES, WOOD CABINETRY, AND GREENERY CREATES A REFINED YET WELCOMING ENVIRONMENT.

THE WASHROOM COMPLEMENTS THE OVERALL OFFICE PALETTE BY CARRYING FORWARD THE WARM GREIGE, WALNUT, OLIVE GREEN, BLACK, AND WARM METALLIC TONES USED THROUGHOUT THE STUDIO. SOFT LAYERED LIGHTING, LARGE MIRRORS, AND INTEGRATED GREENERY ENHANCE THE SENSE OF SPACIOUSNESS WHILE MAINTAINING THE STUDIO'S SOPHISTICATED AND COHESIVE DESIGN LANGUAGE.

WASHROOM



BREAK ROOM FOR STAFF



THANK YOU