CONTEMPORARY COMMERCIAL OFFICE

(Project 1: Specialization Project)

Lajpat Nagar-3, New Delhi - 110024

The design approach balances spatial efficiency with a refined materials to create an interior environment that is functional and visually calm.

PROJECT OVERVIEW:

A contemporary workspace planned to balance collaboration, visual transparency, and create a calm professional atmosphere, focusing on clear spatial zoning, functional layouts, and a professional yet welcoming atmosphere, with the integration of design elements that enhance productivity, comfort, and work experience.

CLIENT PROFILE

Ankita Tiwari
Principal Designer- Studio AT & Associates, Delhi
(Hypothetical firm)

ABOUT THE CLIENT

- Founder & Principal Designer of Studio AT & Associates interior design firm.
- Young, ambitious, and passionate about designing luxury spaces
- Leads a multidisciplinary team of interior & designers, architects, 3D visualizers, & interns
- Known for premium & luxury projects combining futuristic tech with timeless elegance

PROJECT REQUIREMENTS:

- Well-planned, ergonomic, and flexible workstations, meeting rooms, & support spaces
- Balance between collaborative zones and focused work areas
- Seperate meeting rooms for visitor's meetings and internal meetings
- Clean and professional space with scope for future expansion

AREA REQUIREMENTS:

- Conference Room (internal discussions)
- Reception (public zone)
- Waiting Area (public zone)
- Cabins (For Principal Designer, Senior Architect & Senior Designer)
- Open Workstations (for remaining staff)
- Cafeteria (relaxation & bonding)
- Gaming Zone (relaxation & bonding)
- Visitor's Meeting Room (public zone)
- Server Room (restricted zone)
- Storage for samples (dedicated or integrated)
- Restrooms
- Printing & Resources (Office supplies, printers, sheet storage)

OFFICE ACTIVITIES & NEEDS:

- Client/vendor meetings & presentations
- Ideation & team brainstorming sessions
- Drafting, material selection, 3D modeling & rendering
- Intern training & team evaluations
- Storage for material samples & documents

WORKFORCE & VISITORS:

- Multidisciplinary team of upto 25 employees
- Upto 10 visitors at once

SITE ANALYSIS:

SITE CONTEXT:

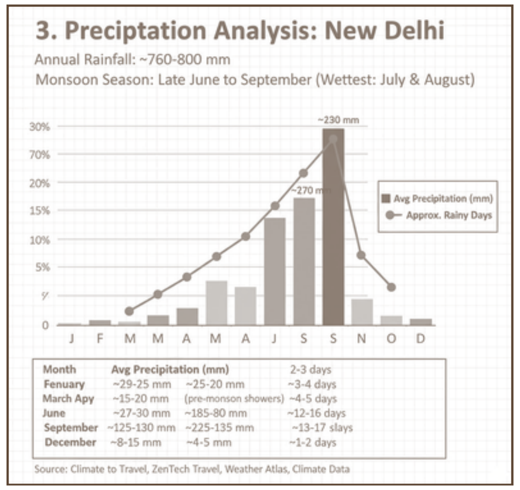
Area: ~2345 sq. ft.
Urban residential + commercial neighbourhood with strong road connectivity, active street edge, and proximity to commercial amenities and public transport.

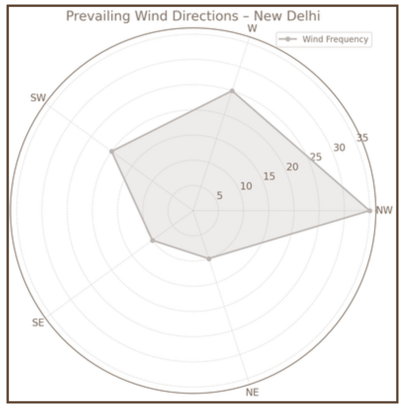
ENVIRONMENTAL ANALYSIS:

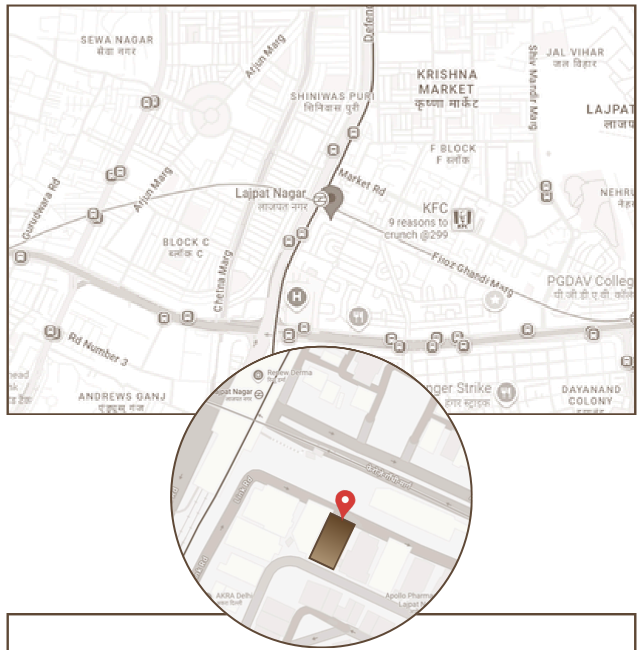
Composite climate with extreme summers, monsoon humidity, & mild winters; design prioritises thermal comfort & efficient indoor conditions.

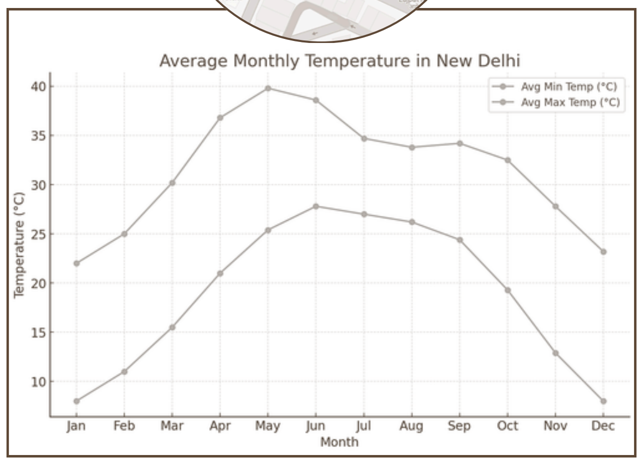
SUN PATH & ORIENTATION:

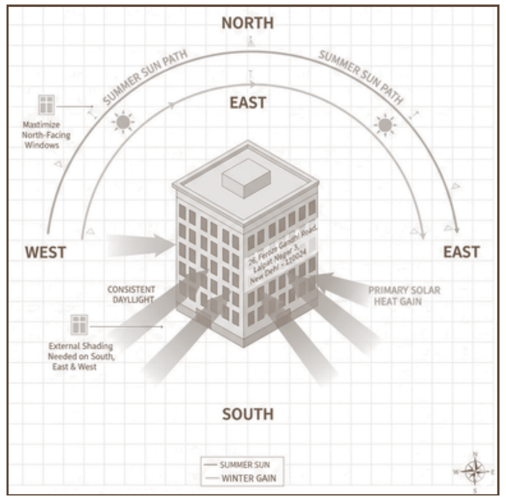
Significant solar exposure from the south & west guided layout & shading solutions for daylight optimisation, and controlling glare and heat gain.









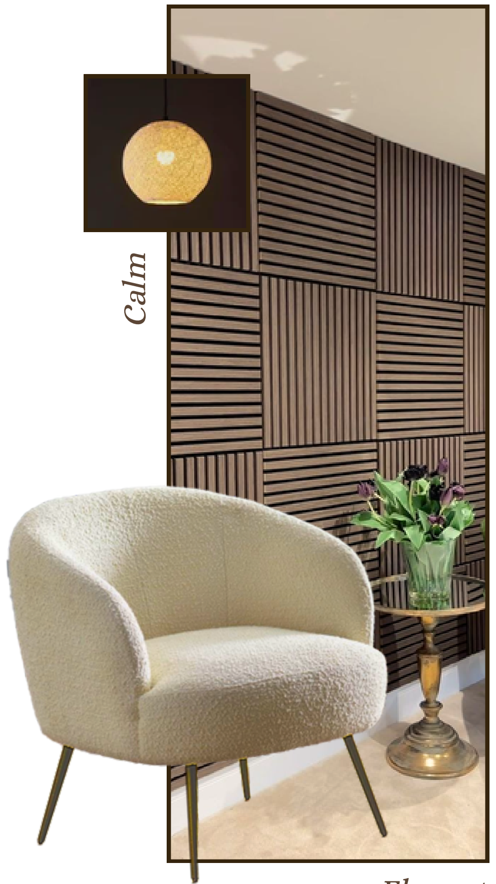


THEME BOARD

Sophisticated

Luxurious

Calm



Elegant

Warm & Inviting

Functional

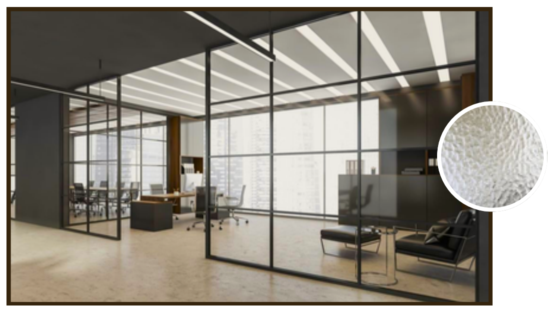
Ergonomic

Timeless

Scandinavian

Minimalistic

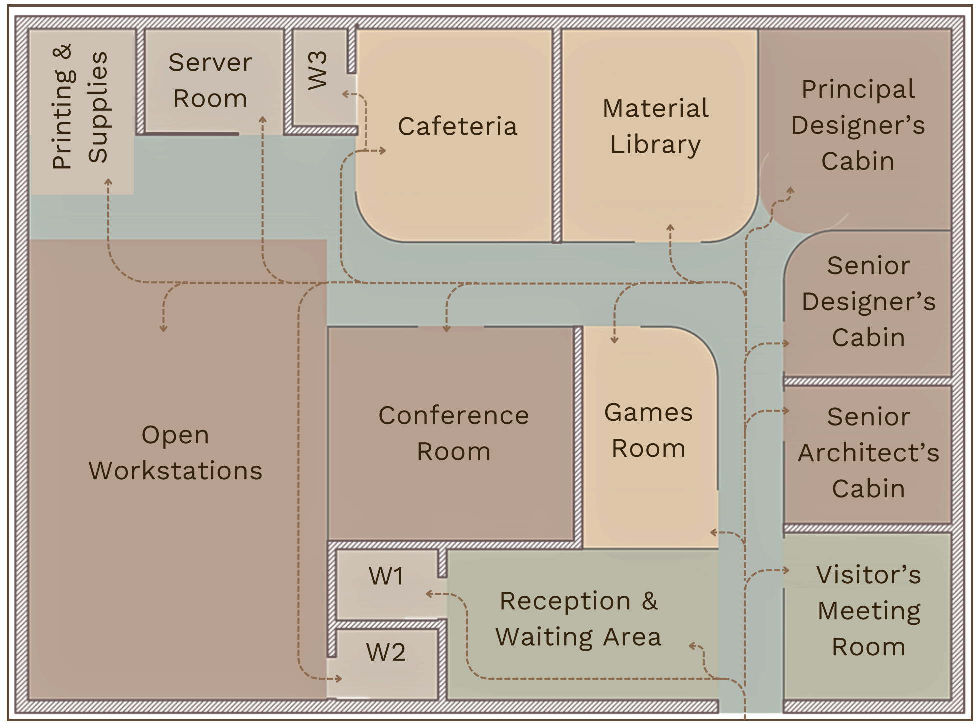
Balanced



Open Floor Plan

ZONING AND PLANS

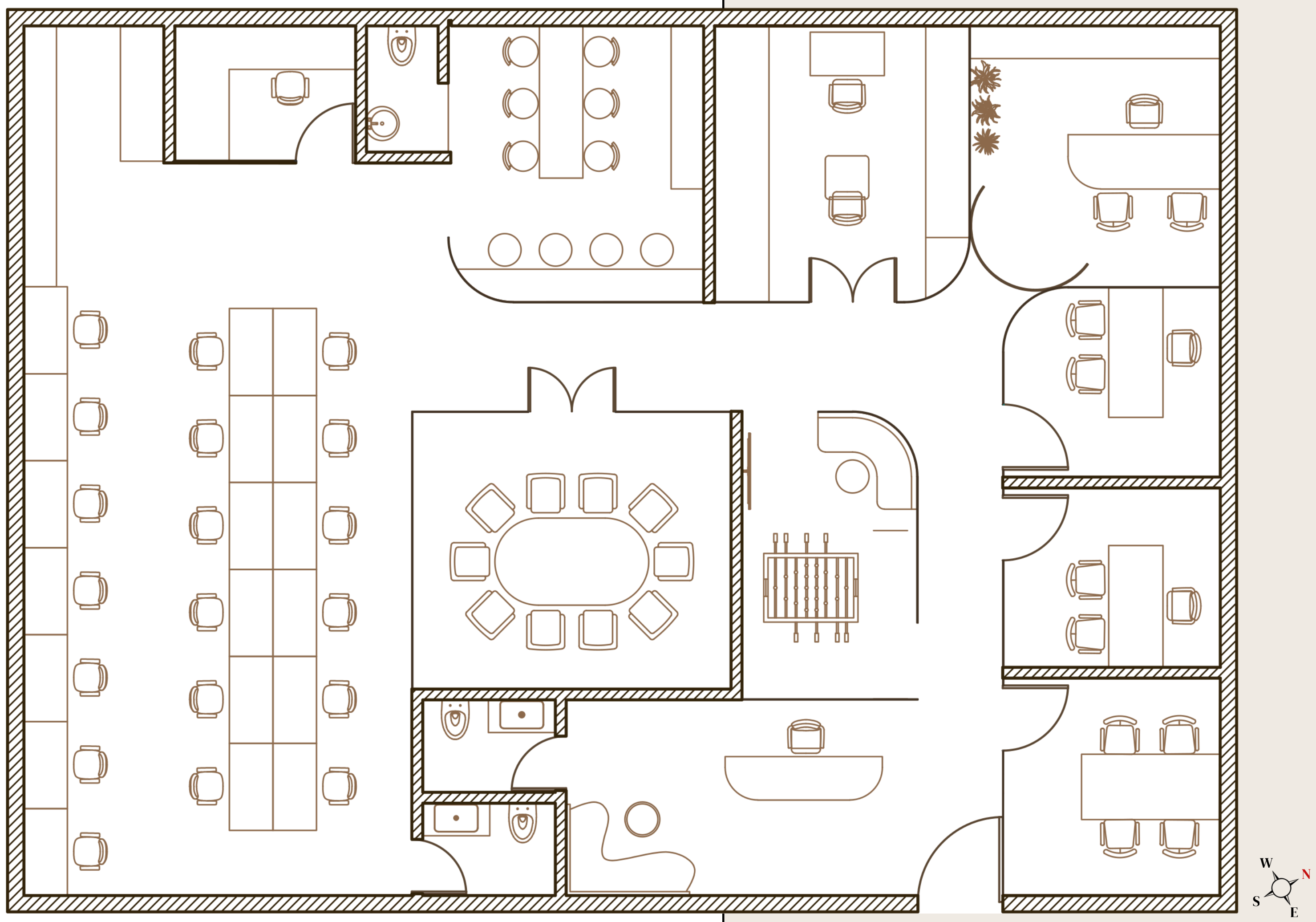
ZONING PLAN



- Public Zones
- Semi-Private Zones
- Private Zones
- Circulation Zones
- Service/Support Zones

(W1, W2, W3: Washrooms)

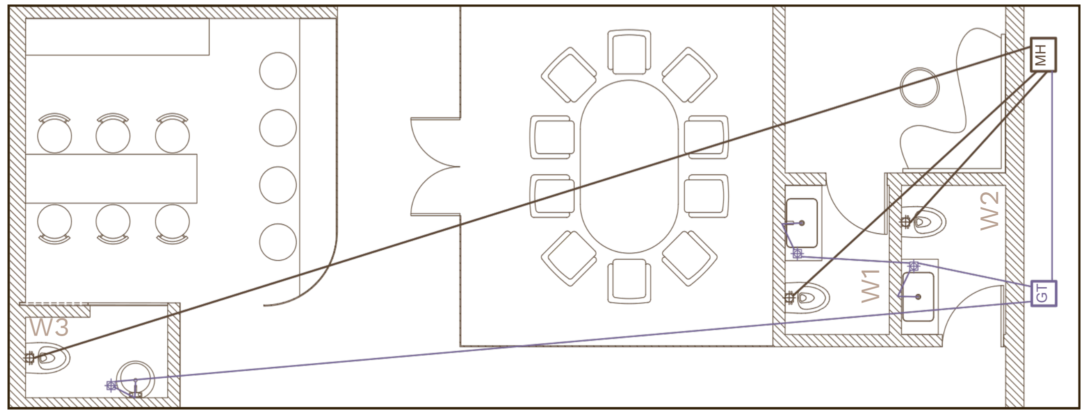
FURNITURE LAYOUT



AREA REQUIREMENTS

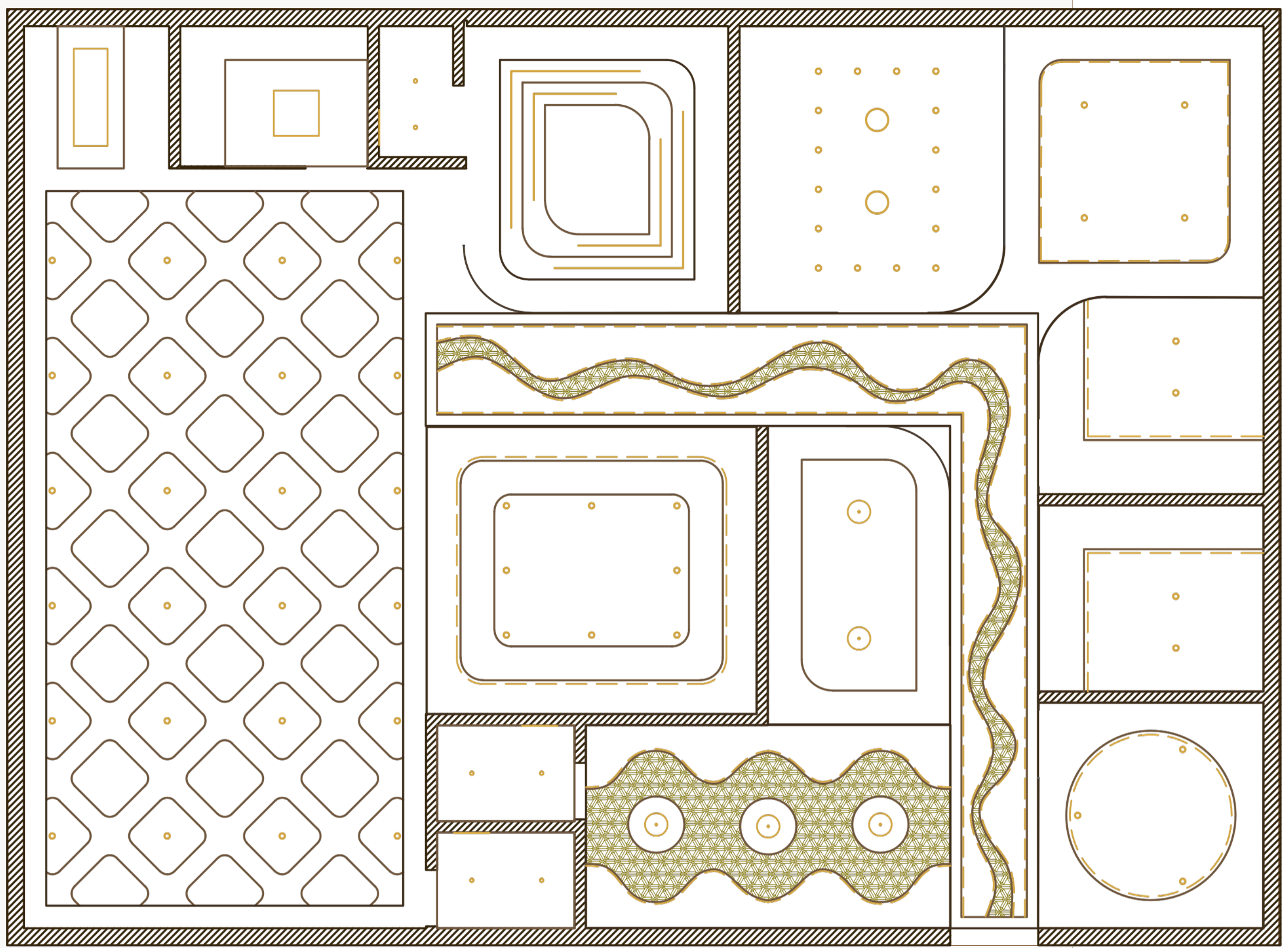
SPACE / FUNCTION	ALLOTTED SIZE
Reception & Waiting Area	150 sq.ft.
Visitor Meeting Lounge	100 sq.ft.
Principal Designer's Cabin	130 sq.ft.
Senior Designers' Cabin	90 sq.ft.
Senior Architect's Cabin	90 sq.ft.
Open Workstation Area (18-20 staff)	550 sq.ft.
Conference Room (8-10 seater)	200 sq.ft.
Material Library / Sample Storage	150 sq.ft.
Printing / Plotting / Resource Area	80 sq.ft.
Server / IT Room	60 sq.ft.
Cafeteria / Pantry	150 sq.ft.
Recreation / Breakout Zone	100 sq.ft.
Washrooms (as per norms)	100 sq.ft.
Circulation & Service Area	250 sq.ft.

DRAINAGE PLAN



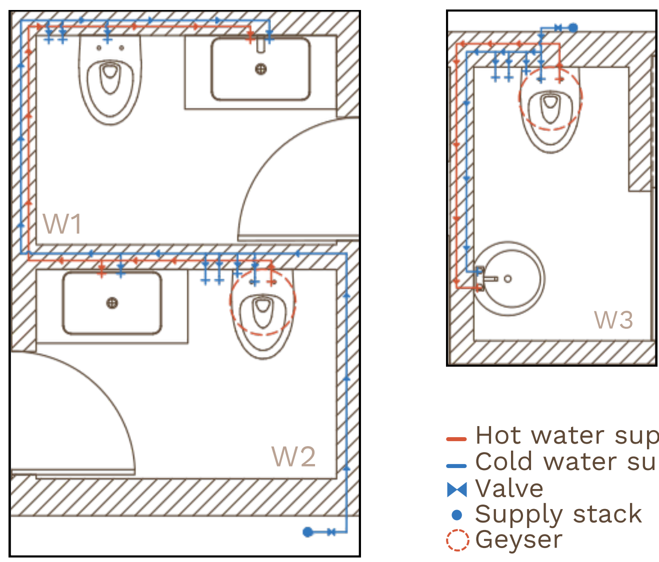
Floor Trap
WC Trap
Waste pipe
Soil Pipe
GT Gully Trap
MH Manhole

REFLECTED CEILING PLAN



- Primary false ceiling edges
- Secondary ceiling level changes
- Lights
- Hidden/Cove Lights
- Brass ripple sheet
- Masonry walls
- Plaster

WATER SUPPLY PLAN

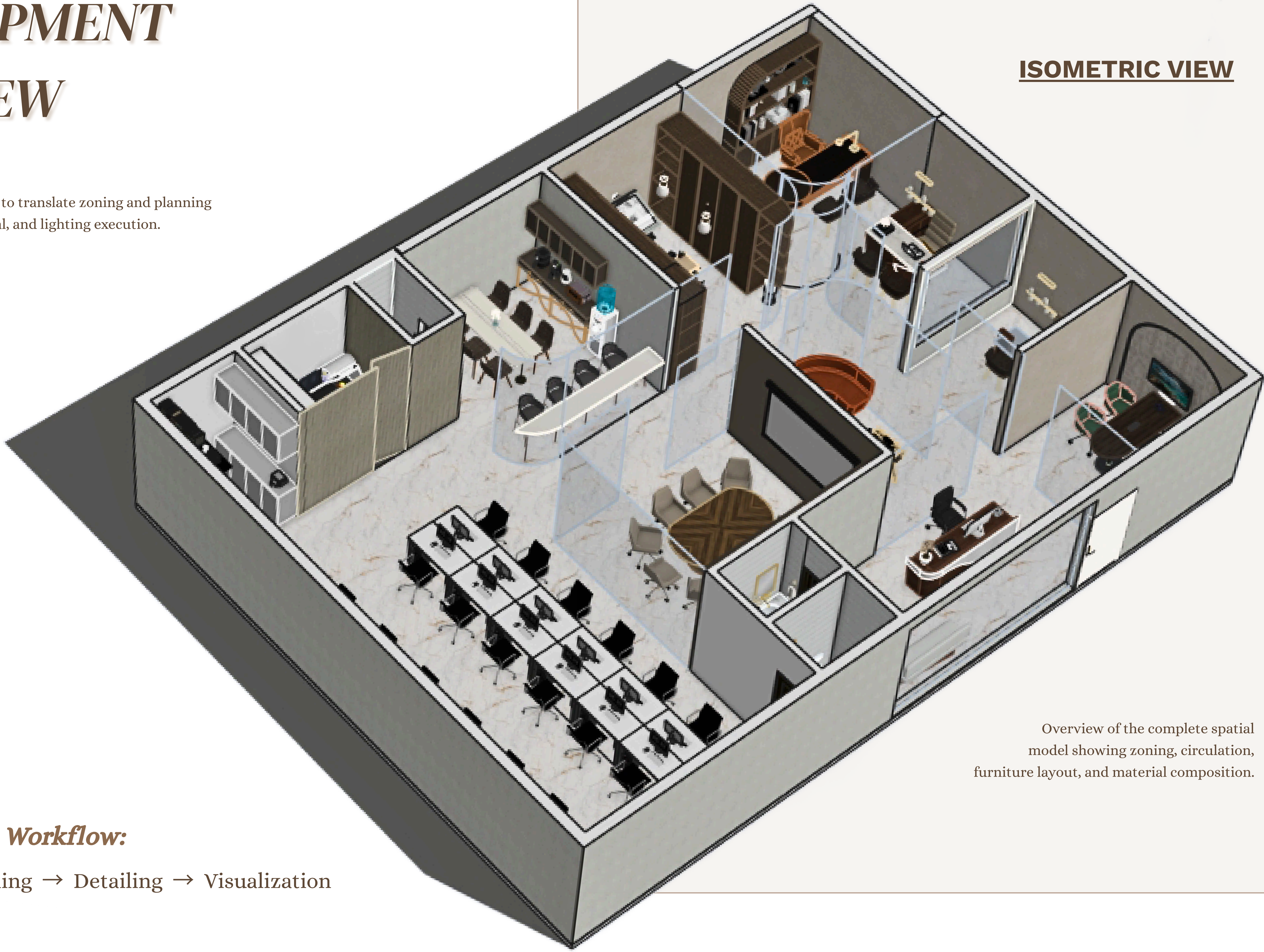


- Hot water supply
- Cold water supply
- Valve
- Supply stack
- Geyser

3D MODEL DEVELOPMENT OVERVIEW

Model developed in SketchUp to translate zoning and planning decisions into spatial, material, and lighting execution.

ISOMETRIC VIEW



Overview of the complete spatial model showing zoning, circulation, furniture layout, and material composition.

3D Development Workflow:

Planning → Modelling → Detailing → Visualization

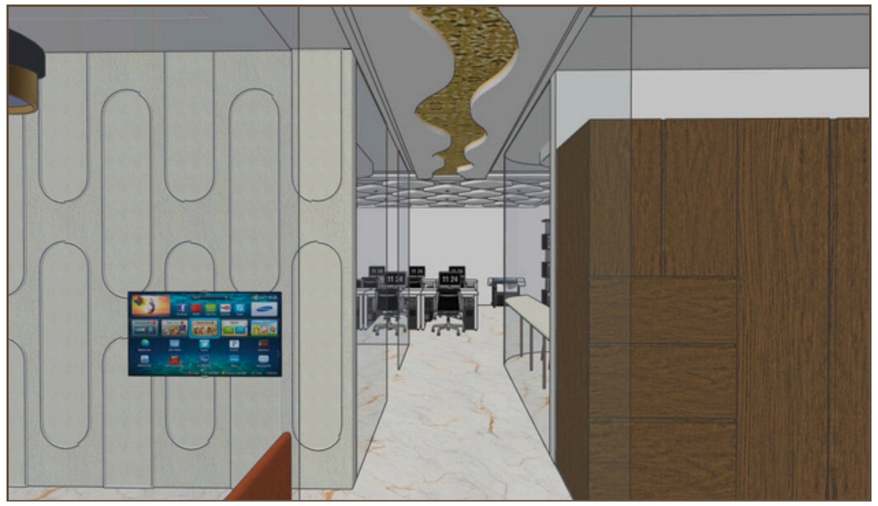
CEILING DEVELOPMENT AND LIGHTING PLACEMENT

False ceiling levels and lighting layers integrated with services coordination.

PLAN VIEW

Base model developed from zoning and circulation planning.

FURNITURE, MATERIAL, AND FINISH DEVELOPMENT



Furniture and material palettes developed concurrently to evaluate ergonomics, circulation efficiency, and spatial identity.

FINAL RENDERS

The spatial model developed in SketchUp was rendered in Twinmotion to achieve realistic materiality, refined surface finishes, and immersive lighting effects. The real-time rendering process enhanced visual depth through accurate reflections, shadows, and atmospheric detailing, bringing the design concept to life.


UHD TV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