



COMPANY MISSION STATEMENT

At Samsung Research America in Plano, we're driven by innovation to connect the world, spark creativity, and shape a smarter, better future through technology.

DESIGN PORBLEM

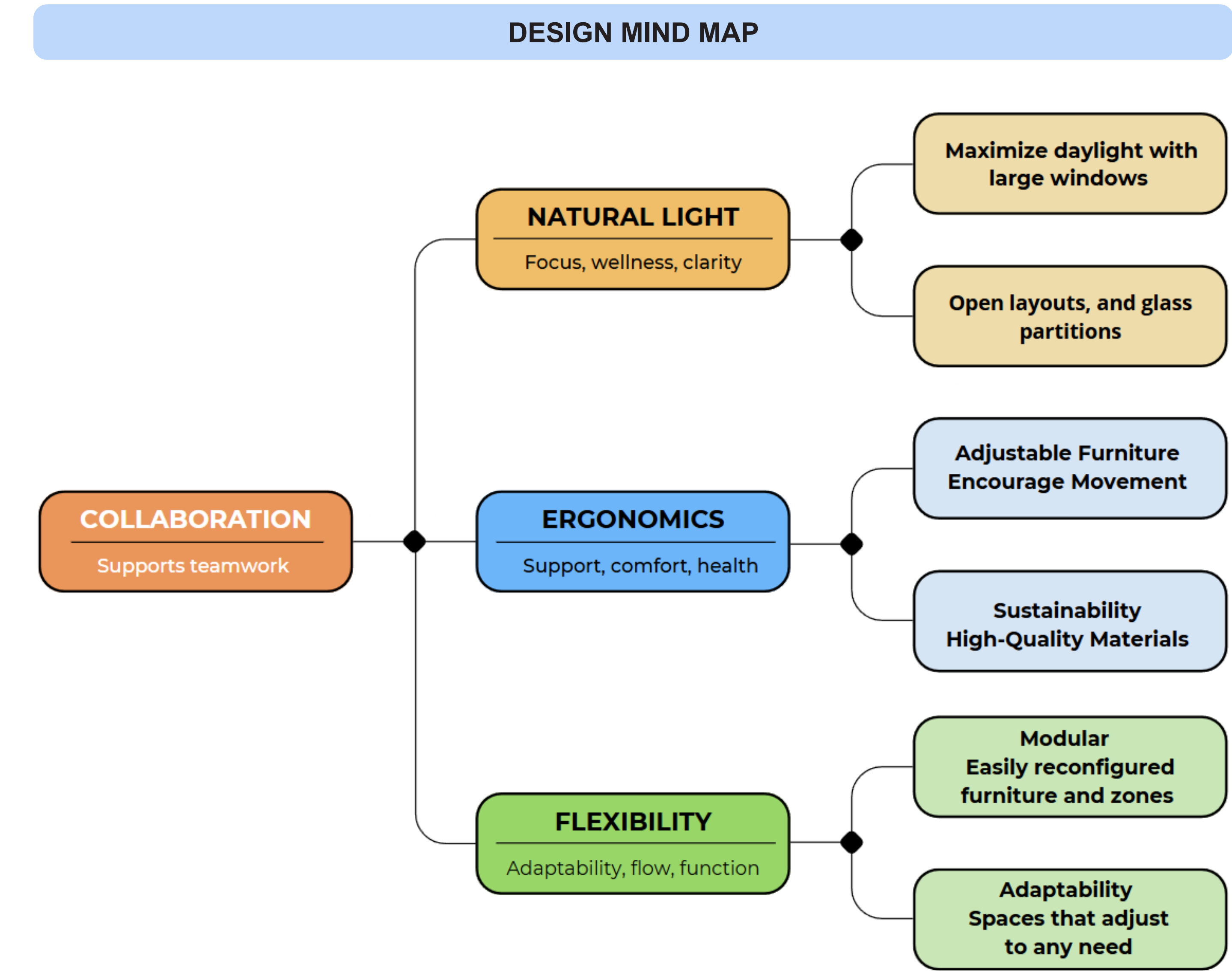
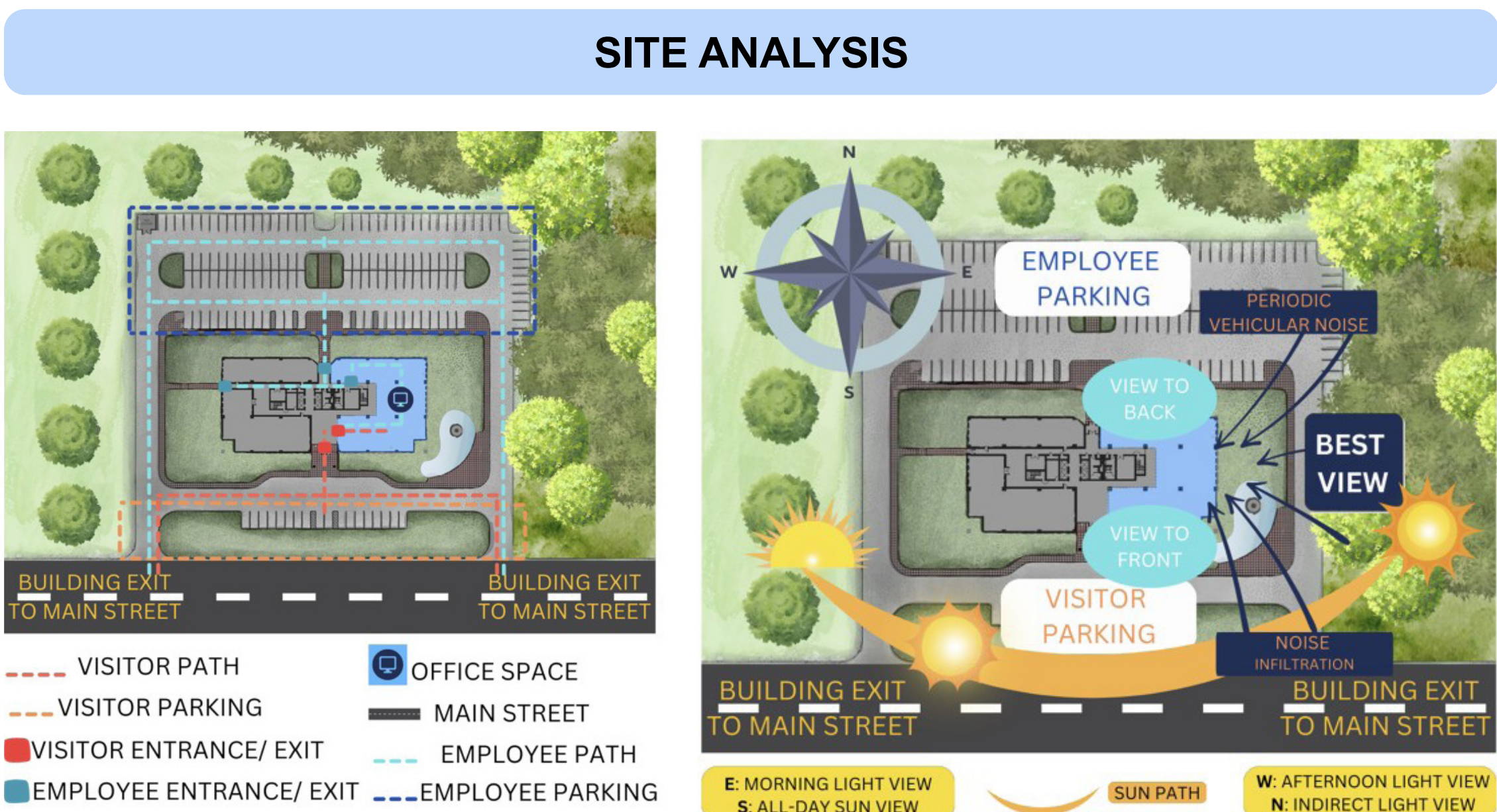
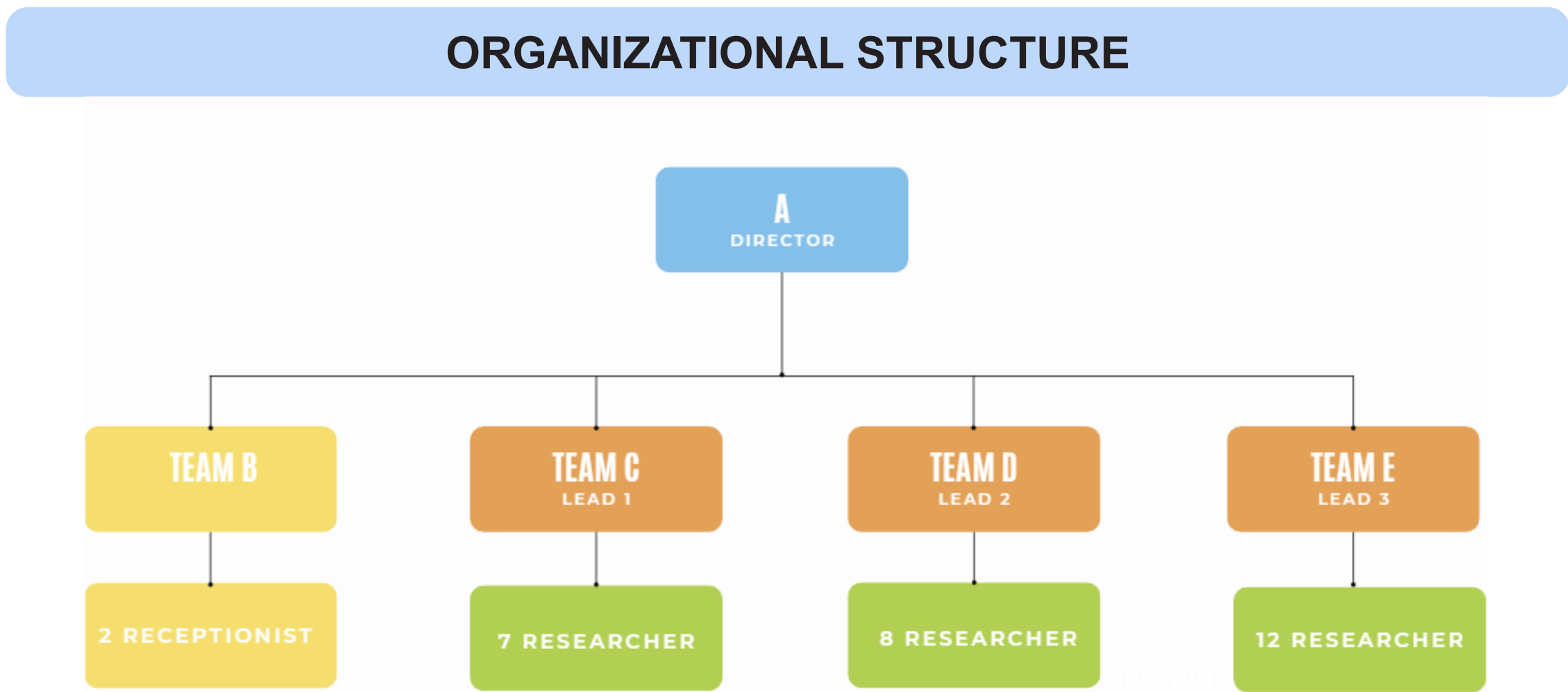
- Collaboration + Privacy Balance
- Flexible Meeting Spaces
- Ergonomic + Biophilic Design
- Sustainable Materials
- Hybrid Work Support
- Show Samsung's Innovation

DESIGN GOAL

- Enhance collaboration – Open meeting spaces, modular workstations.
- Improve well-being – Ergonomic furniture, biophilic design.
- Support hybrid work – Smart tech, flexible layouts.
- Promote sustainability – Eco-friendly materials, energy efficiency.
- Reflect Samsung's brand – Modern, high-tech, welcoming design.

CONCEPT STATEMENT

The core concept of this office design is to create a collaborative environment that supports teamwork, productivity, and employee well-being through the strategic integration of natural light, ergonomic furniture, and flexible workspaces. Maximizing natural light exposure (Small Concept 1) through large windows, open layouts, and glass partitions helps reduce stress, improve focus, and increase productivity by up to 6–7%, contributing to a more engaging and interactive atmosphere (Heschong, 2003; Leather et al., 1998). Incorporating ergonomic furniture and high quality materials (Small Concept 2), such as adjustable height desks and lumbar support chairs, reduces musculoskeletal discomfort by 35%, enhancing physical comfort and enabling sustained collaboration (Park & Smith, 2024; Thompson & Davis, 2023). A flexible layout (Small Concept 3), including modular workstations, breakout lounges, and private focus pods, supports smooth transitions between individual and group work, increasing workflow efficiency and adaptability (Zamani & Gum, 2019).



ZONING KEYS

FLEXIBLE SPACES

PATH WAY/ CIRCULATION

SEMI PRIVATE ZONE

PUBLIC ZONE (GUEST AREA)

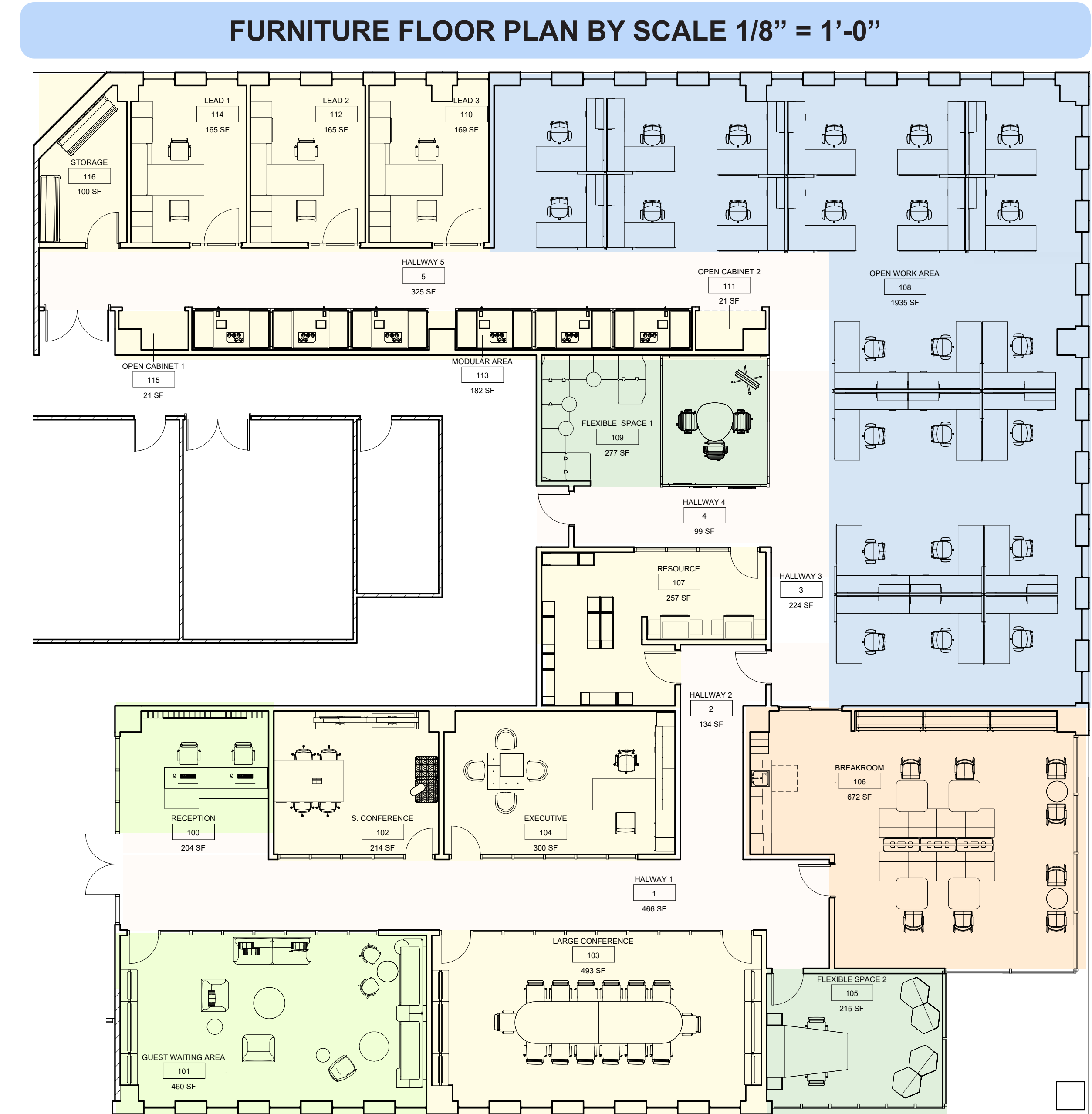
OPEN WORKSTATION AREA

PRIVATE ZONE
(PRIVATE OFFICE, CONFERENCE & MODULAR)

FURNITURE
HERMAN MILLER & OFS

OFS MODULAR MEETING SPACES
≈ 30sq ft/ 1 CT (3 CT)

OFS MODULAR FOCUS SPACES
≈ 30sq ft/ 1 CT (3 CT)

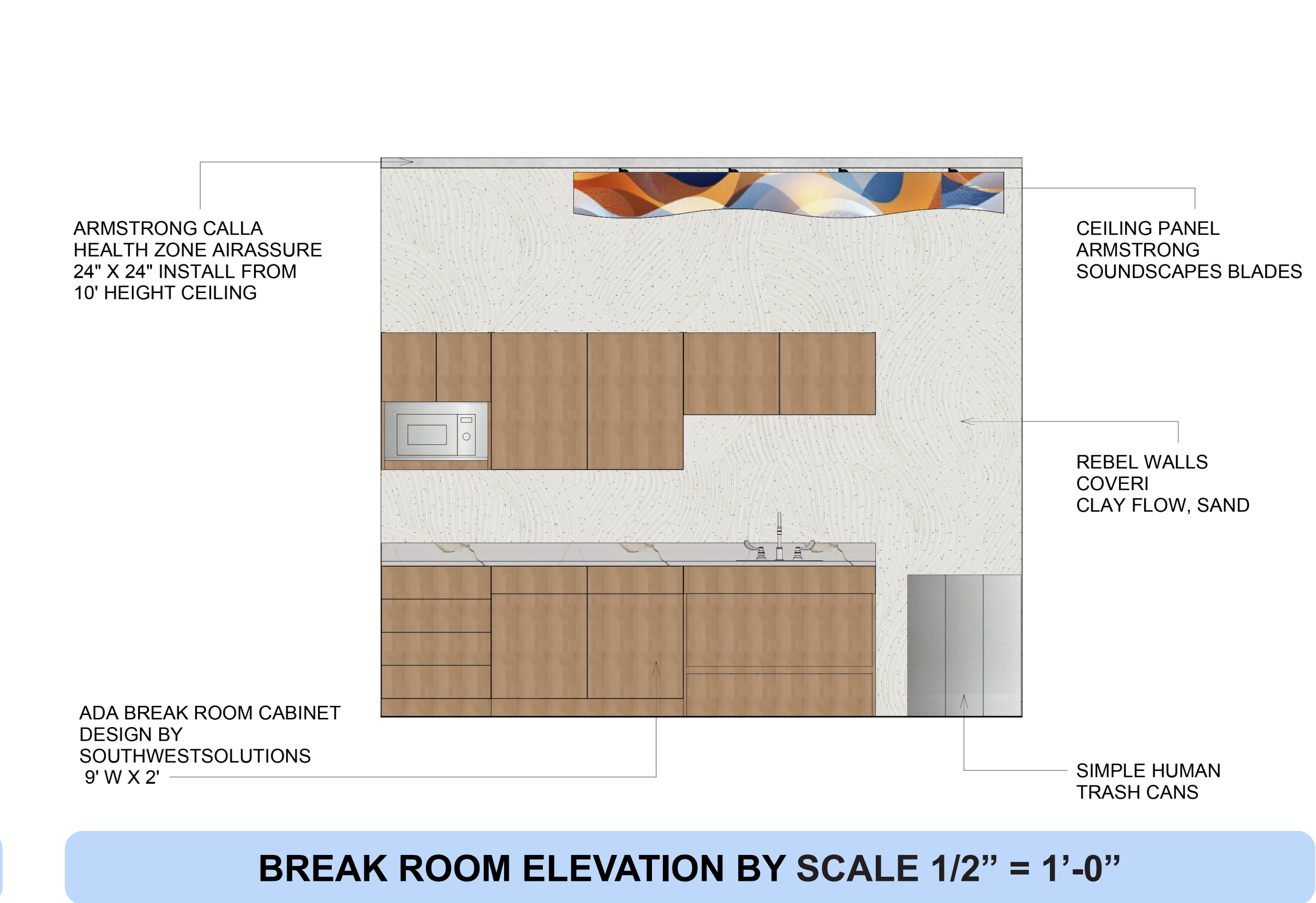
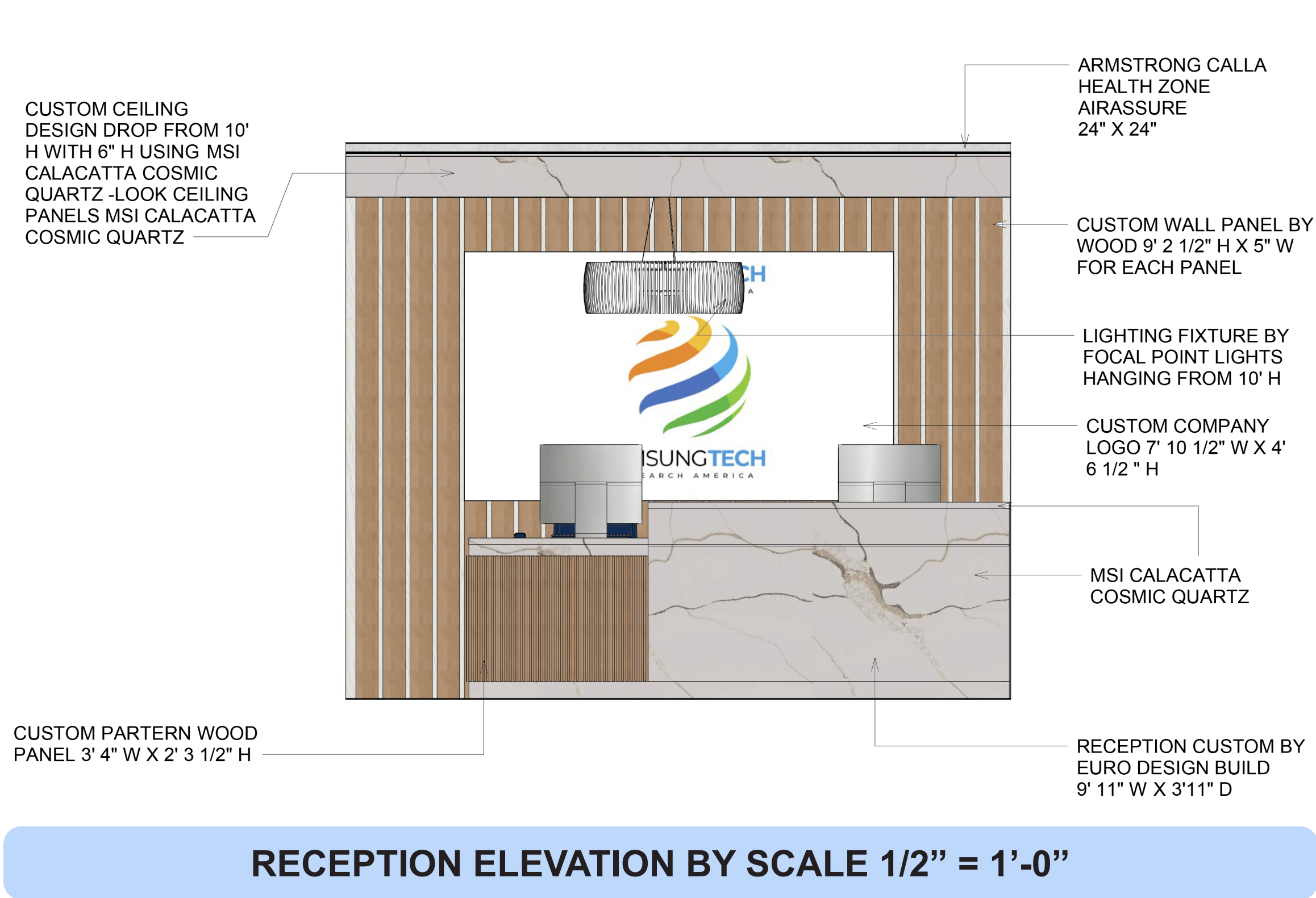


RECEPTION CUSTOM BY EURO DESIGN BUILD
9' 11" W X 3' 11" D (1CT)

24 HERMAN MILLER
ETHOSPACE SYSTEM WORKSTATION 48 SQFT (24 CT)

OFS EXECUTIVE FURNITURE OFFICE
IMPULSE 7'10" W X 13' L (1CT)

OFS LEAD FURNITURE OFFICE
PULSE 7' W X 13' 6" L (3CT)



LEGENDS			
SYMBOL	DESCRIPTION	COUNT	LEVEL
	LED FLAT PANEL BACKLIT WITH MULTILUMEN AND CCT SELECTOR, ELITE LIGHTING 2' X 2'	10	1
	VIKING - QUICK RESPONSE - VQ32	60	1
	SMOKE DETECTOR FIRST ALERT SENSOR - SA3210	19	1
	METALARE 5700A 24X24 -HVAC	28	1
	LIGHTING FIXTURE FOCAL_POINT-LIA_ACOUSTIC-PENDANT-36-12	23	1
	ECOMBO LIGHTING EXT SIGN	10	1
	ARMSTRONG CALLA HEALTH ZONE AIRASSURE 24" X 24"	~7500 SQFT	1
	CSI CREATIVE CURVED CEILING BAFFLE BFL-SSL-002	2 AREA	1
	LIGHTING FIXTURE-LUTRON-KETRA-L3I_LINEAR_INDIRECT_PENDANT	40	1
	CEILING-PANEL-ARMSTRONG2_CEILINGS-SOUNDSCAPES	1 AREA	1
	RETURN DIFFUSER 24 X 24 FACE 12 X 12 CONNECTION	28	1
	LUMENWERX-ELIA-OVAL 36	3	1
	LUMENWERX-ELIA-OVAL 48	2	1
	LUMENWERX-ELIA-OVAL 412	1	1
	RECEPTION CUSTOM CEILING BY EURO DESIGN BUILD	1	1
	DOWNLIGHT - RECESSED CAN_6" - 120V	8	1

KEY NOTES RCP

ALL CEILINGS ARE 2X2 ARMSTRONG ACOUSTICAL PANELS U.O.N

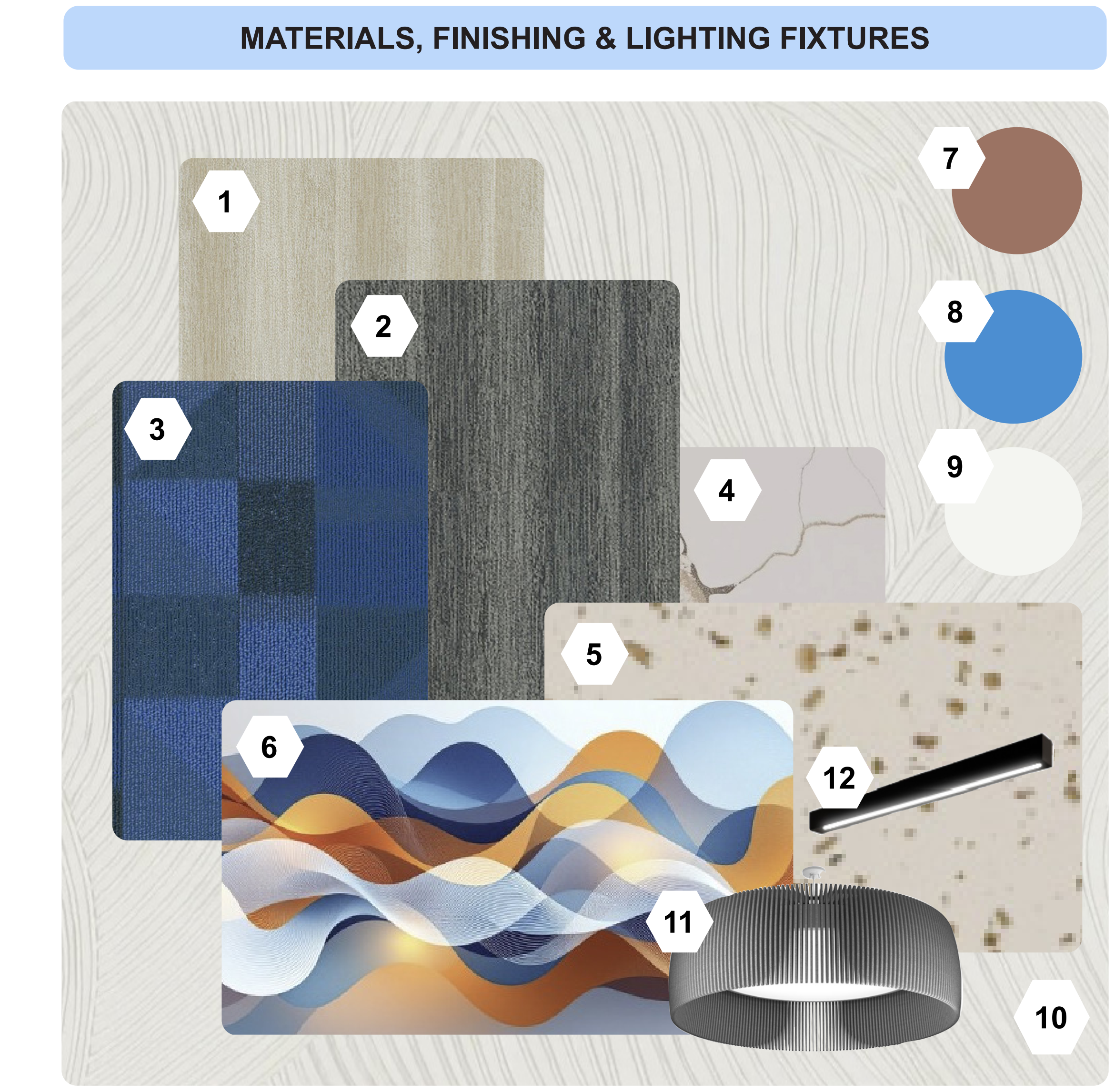
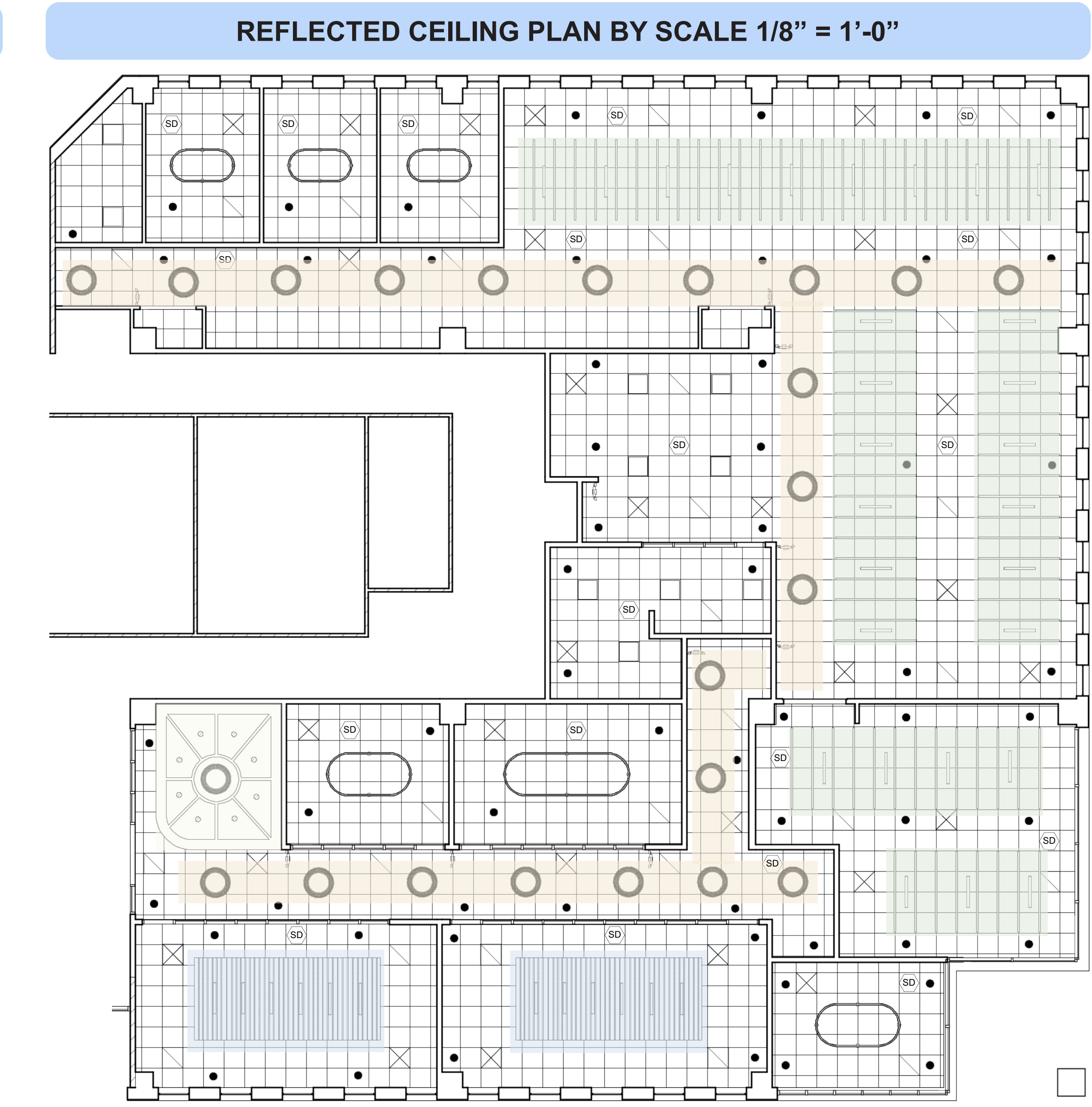
ALL CEILINGS ARE 10' A.F.F. U.O.N

CUSTOM WAVE G.W.B CEILING 9' A.F.F.

CUSTOM DROP CEILING BY G.W.B AT 9' 2 1/2" A.F.F.

PANEL ARMSTRONG SOUNDSCAPES BLADES

LIGHT FIXTURE WAY FINDING



- 1

INTERFACE CARPET BAMBOO FLOOR RECEPTION & PATHWAY AREA
- 2

INTERFACE CARPET TILE ASH WORKSTATION FLOOR
- 3

SHAW IMPACT CARPET TILE BLUE GUEST AREA & PRIVATE SPACES
- 4

MSI SURFACES CALACATTA COSMIC QUARTZ
- 5

JOHNSONITE RUBBER TILE FLOOR ADA BREAKROOM
- 6

DESIGN FOR ARMSTRONG PANEL BLADES CEILING
- 7

ECOS PAINT 0045 SIZZLING HOT
- 8

ECOS PAINT 0640 SKYLLA
- 9

ECOS PAINT 0011 SUGAR DUST
- 10

REBEL WALLS COVERI CLAY FLOW SAND
- 11

FOCAL POINT-LIA ACOUSTIC PENDANT-36-12
- 12

LUTRON-KETRA-L3I LINEAR INDIRECT PENDANT



WORK CITED

Heshong, L. (2003). Windows and offices: A study of office worker performance and the indoor environment. California Energy Commission Report.

Leather, P., Pyrgas, M., Beale, D., & Lawrence, C. (1998). Windows in the workplace: Sunlight, view, and occupational stress. Environment & Behavior, 30(6), 739-762.

Park, J., & Smith, R. (2024). Ergonomic interventions in modern offices. Applied Ergonomics, 99, 103892.

Samsung Newsroom U.K. (2023, September 12). Samsung launches LivingColour paint range to complement lifestyle TVs. Samsung Newsroom. <https://news.samsung.com/uk/samsung-launches-livingcolour-paint-range-to-complement-lifestyle-tvs>

Thompson, M., & Davis, K. (2023). Thermal comfort in flexible workspaces. Building and Environment, 206, 108766.

Zamani, Z., & Gum, D. (2019). Activity-based flexible office: Exploring the fit between physical environment and user needs impacting satisfaction, communication, collaboration, and productivity. Journal of Corporate Real Estate, 21(4), 302-323.

Alice Nguyen