



**SAMSUNG TECH**  
RESEARCH AMERICA

## 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 PROBLEM

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

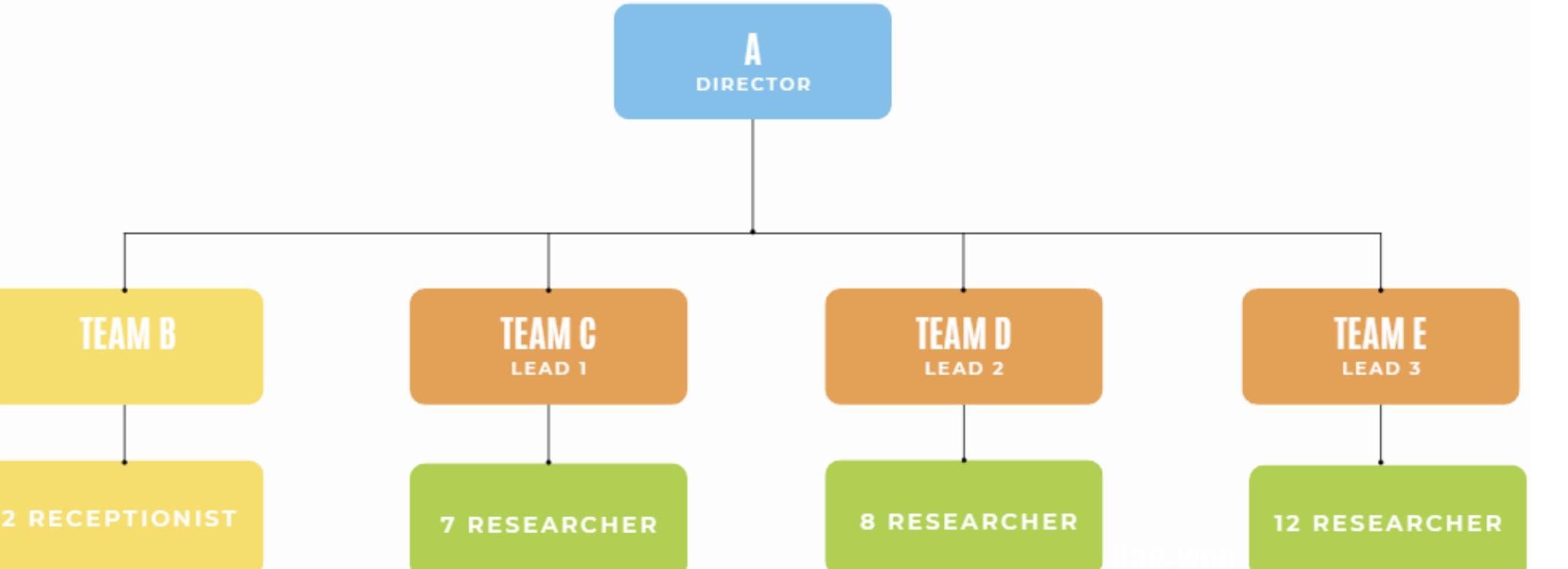
## DESIGN GOAL

- 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.

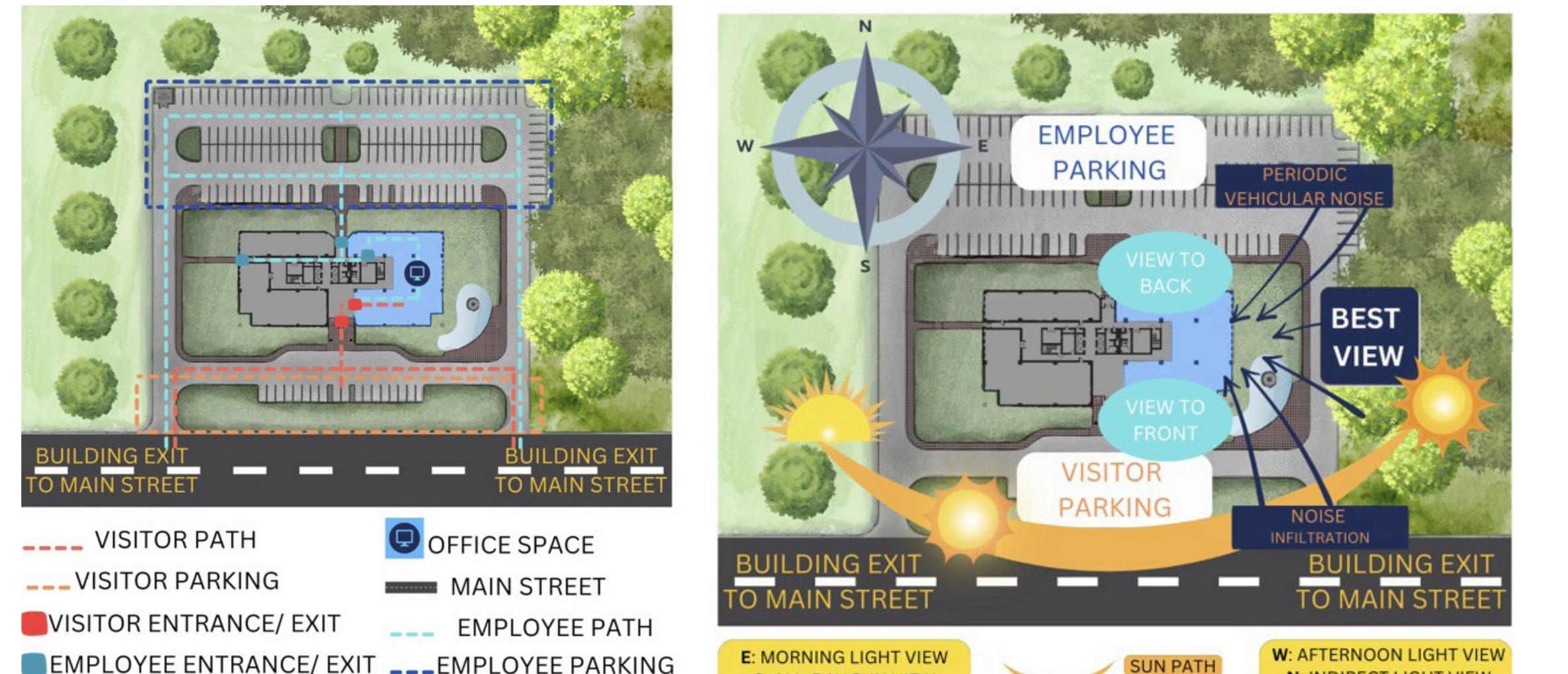
## CONCEPT STATEMENT

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).

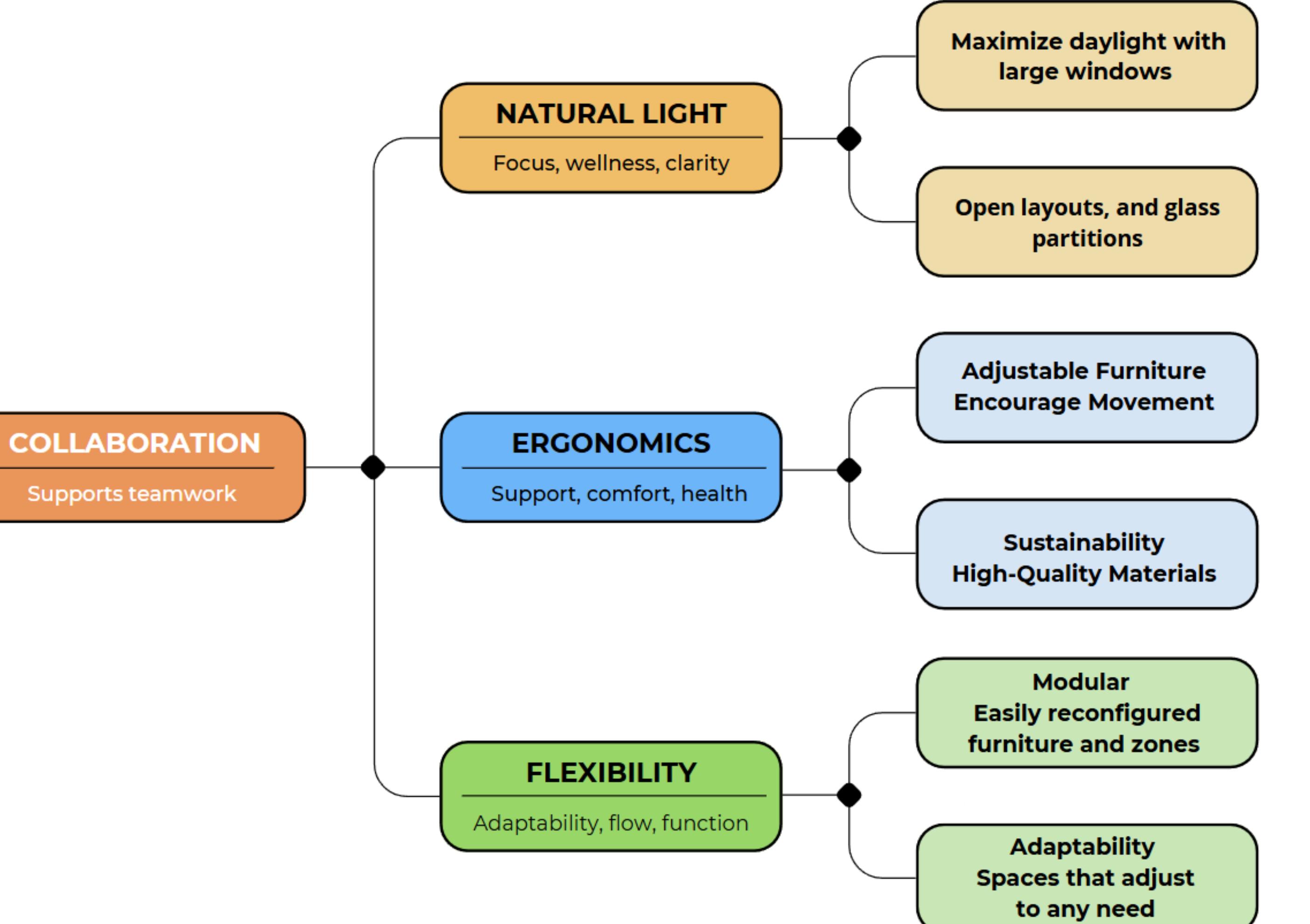
## ORGANIZATIONAL STRUCTURE



## SITE ANALYSIS



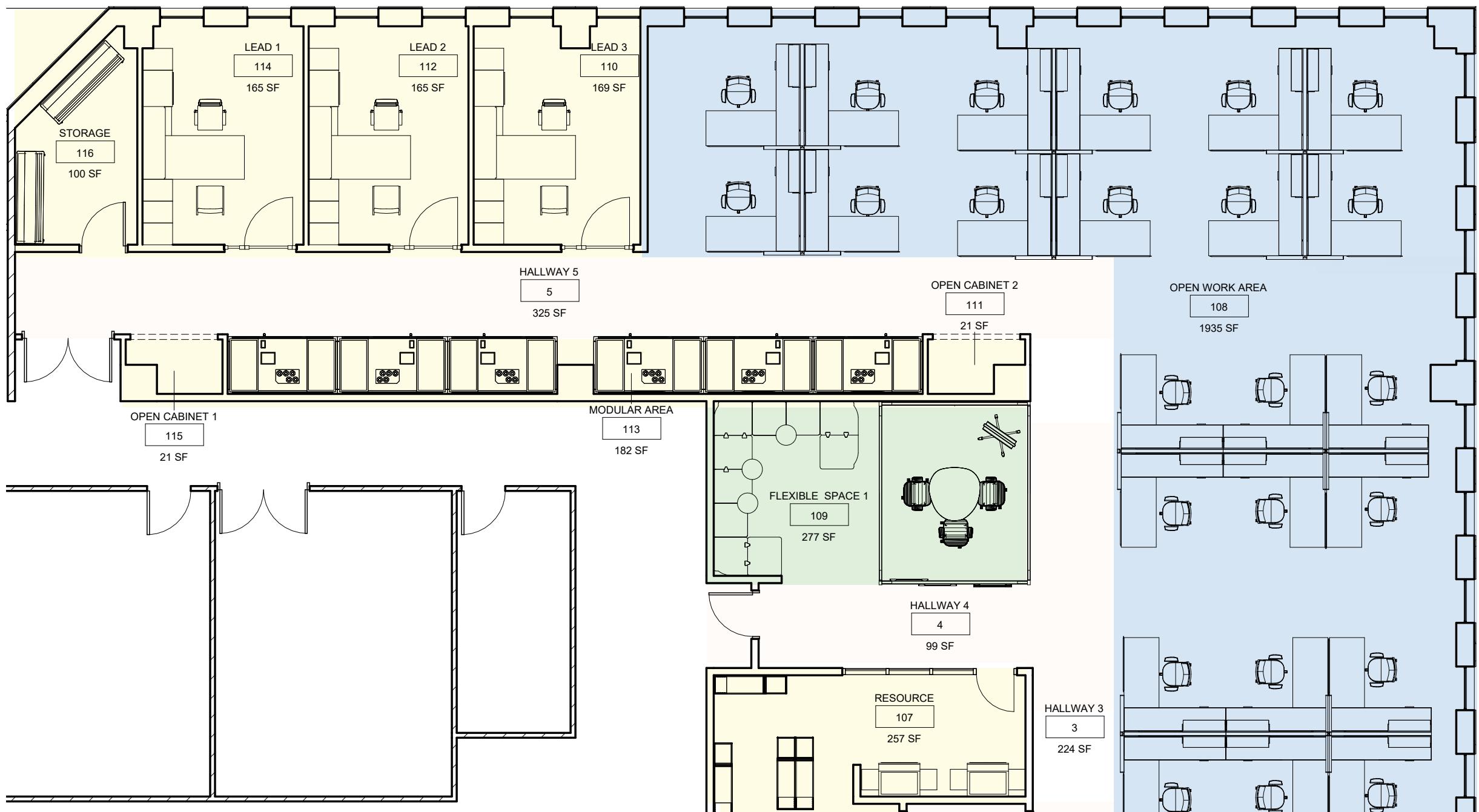
## DESIGN MIND MAP



## ZONING KEYS

- FLEXIBLE SPACES
- PATH WAY/ CIRCULATION
- SEMI PRIVATE ZONE
- PUBLIC ZONE ( GUEST AREA)
- OPEN WORKSTATION AREA
- PRIVATE ZONE (PRIVATE OFFICE, CONFERENCE & MODULAR)

## FURNITURE FLOOR PLAN BY SCALE 1/8" = 1'-0"



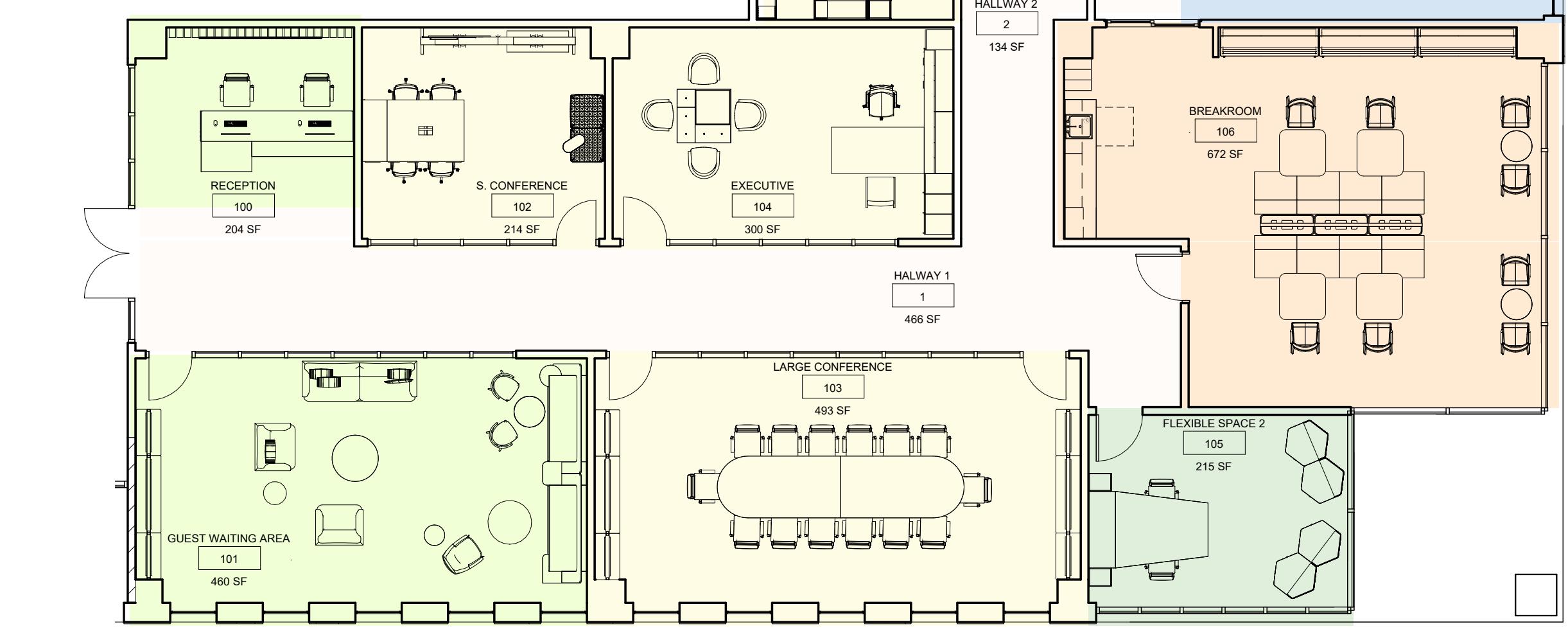
## FURNITURE HERMAN MILLER & OFS



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)



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



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



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

RECEPTION ELEVATION BY SCALE 1/2'' = 1'-0"

CUSTOM CEILING DESIGN DROP FROM 10' H WITH 6" H USING MSI CALACATTA COSMIC QUARTZ LOOK CEILING PANELS MSI CALACATTA COSMIC QUARTZ

ARMSTRONG CALLA HEALTH ZONE AIRASSURE 24" X 24"

CUSTOM WALL PANEL BY WOOD 9' 2 1/2" H X 5' W FOR EACH PANEL

LIGHTING FIXTURE BY FOCAL POINT LIGHTS HANGING FROM 10' H

CUSTOM COMPANY LOGO 7' 10 1/2" W X 4' 6 1/2" H

MSI CALACATTA COSMIC QUARTZ

CUSTOM PATTERN WOOD PANEL 3' 4" W X 2' 3 1/2" H

RECEPTION CUSTOM BY EURO DESIGN BUILD 9' 11" W X 3'11" D

BREAK ROOM ELEVATION BY SCALE 1/2'' = 1'-0"

ARMSTRONG CALLA HEALTH ZONE AIRASSURE 24" X 24" INSTALL FROM 10' HEIGHT CEILING

CEILING PANEL ARMSTRONG SOUNDSCAPES BLADES

REBEL WALLS COVERI CLAY FLOW, SAND

SIMPLE HUMAN TRASH CANS

ADA BREAK ROOM CABINET DESIGN BY SOUTHWESTSOLUTIONS 9' W X 2'

SYMBOL	DESCRIPTION	COUNT	LEVEL
□	LED FLAT PANEL BACKLIT WITH MULTILUMEN AND CCT SELECTOR, ELITE LIGHTING 2' X 2'	10	1
●	VIKING - QUICK RESPONSE - VK52	60	1
(SD)	SMOKE DETECTOR FIRST ALERT SENSOR -SA3210	19	1
×	METALAIRE 5700A 24X24 -HVAC	28	1
○	LIGHTING FIXTURE FOCAL_POINT-LIA_ACOUSTIC-PENDANT-36-12	23	1
□	ECOMBO LIGHTING EXIT SIGN	10	1
□	ARMSTRONG CALLA HEALTH ZONE AIRASSURE 24" X 24"	>7500 SQFT	1
□	CSI CREATIVE CURVED CEILING BAFFLE 24" X 24"	2 AREA	1
□	LIGHTING FIXTURE-LUTRON-KETRA-L3I_LINEAR_INDIRECT_PENDANT	40	1
□	CEILING-PANEL-ARMSTRONG_CEILINGS-SOUNDSCAPES	1 AREA	1
□	RETURN DIFFUSER 24 X 24 FACE 12 X 12 CONNECTION	28	1
○	LUMENWERX-EUA-OVAL_36	3	1
○	LUMENWERX-EUA-OVAL_48	2	1
○	LUMENWERX-EUA-OVAL_412	1	1
○	RECEPTION CUSTOM CEILING BY EURO DESIGN BUILD	1	1
○	DOWNGRAPH - RECESSED CAN_8", 120V	8	1

SYMBOL	DESCRIPTION	COUNT	LEVEL
■	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		

REFLECTED CEILING PLAN BY SCALE 1/8" = 1'-0"

BREAK ROOM 3D VIEW

WORK STATION 3D VIEW

MATERIALS, FINISHING & LIGHTING FIXTURES

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

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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.

RECEPTION 3D VIEW

WORK STATION 3D VIEW

ALICE NGUYEN