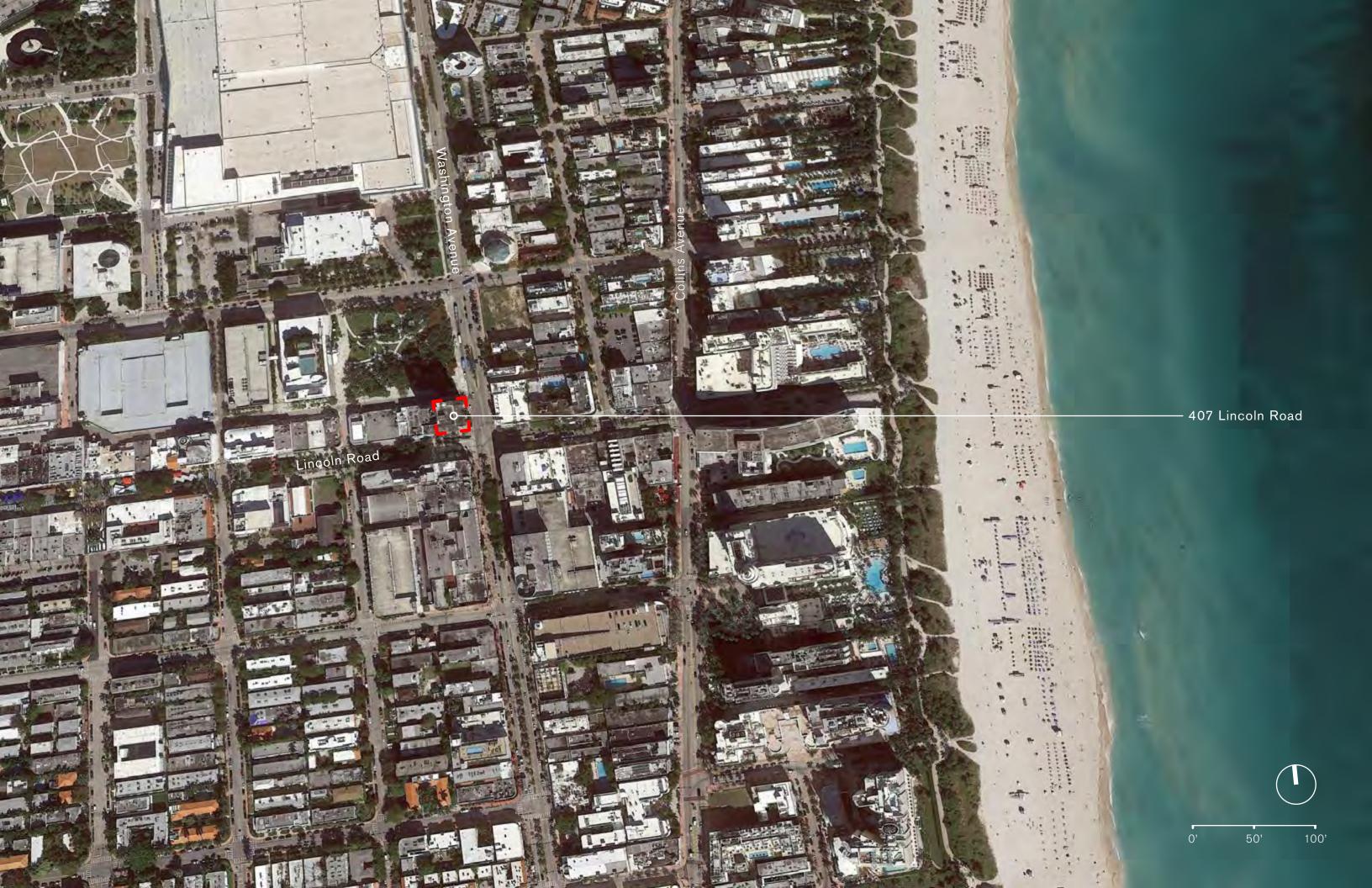
# 407 LINCOLN ROAD MIAMI BEACH, FLORIDA DECEMBER 2022 Foster + Partners KOBI KARP ARCHITECTURE SHVO



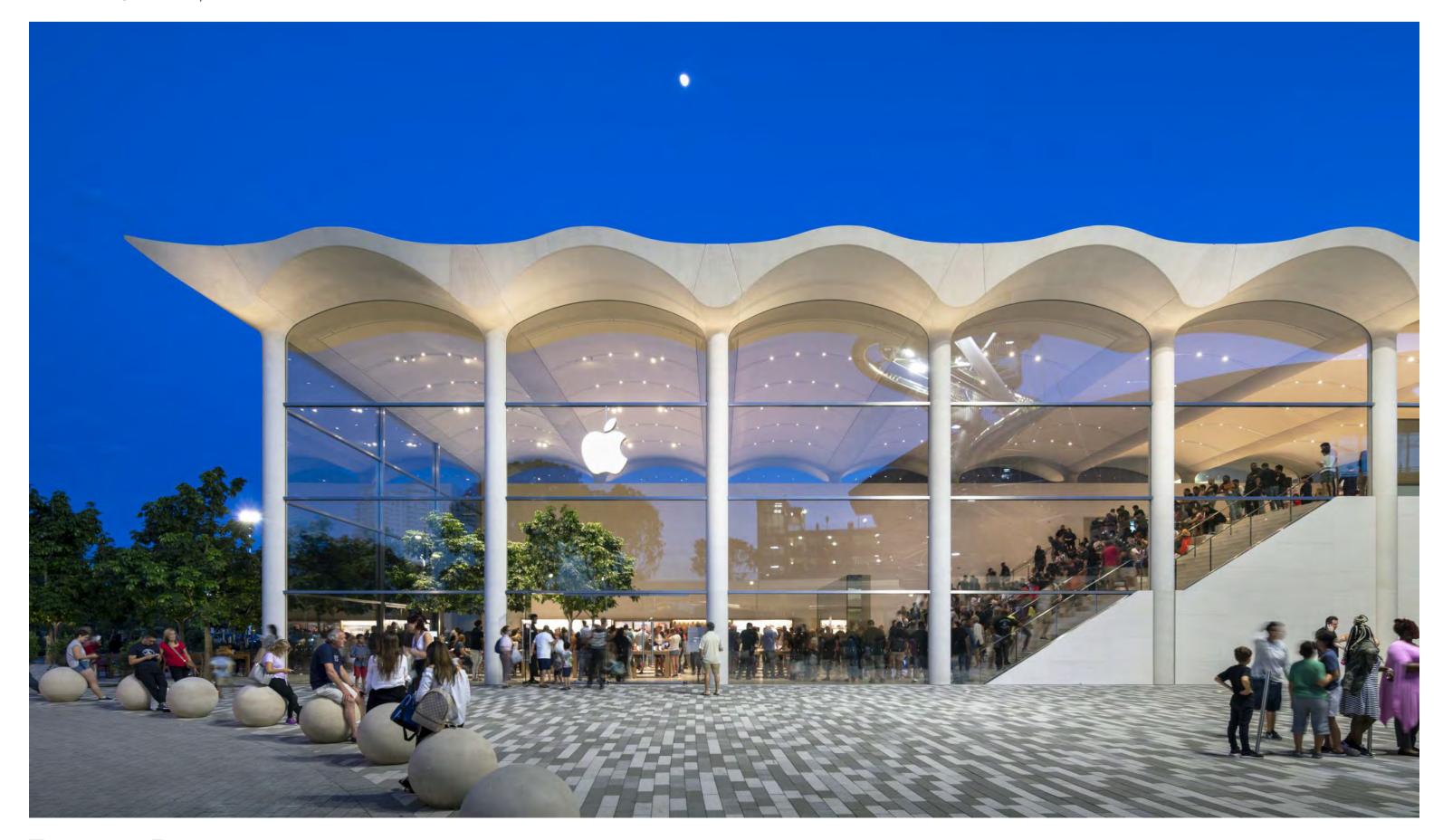


**Foster + Partners** 

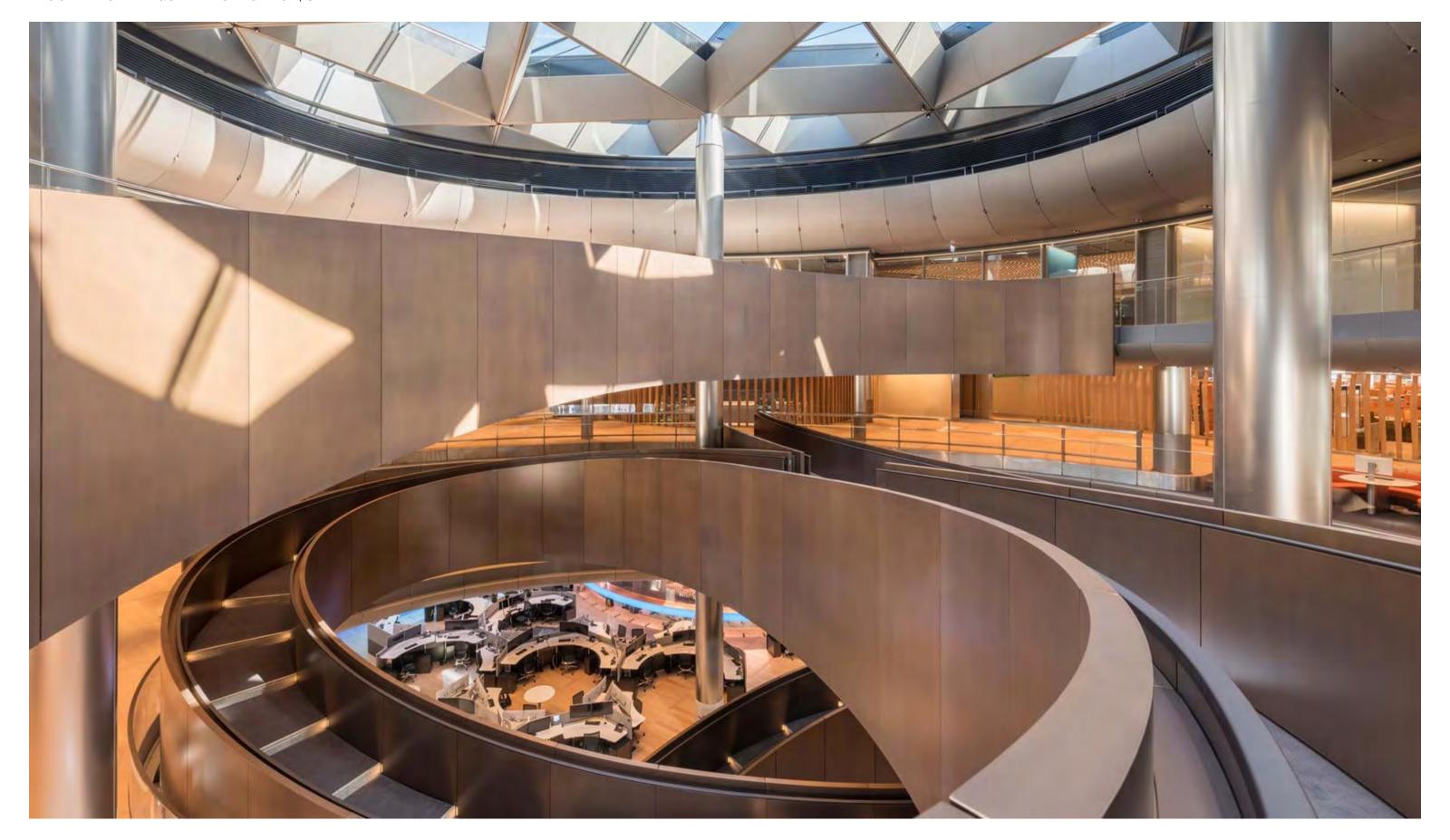
#### LORD NORMAN FOSTER

Senior Executive Partner Founder and Executive Chairman Architect - Dip.Arch & Cert. TP, M.Arch

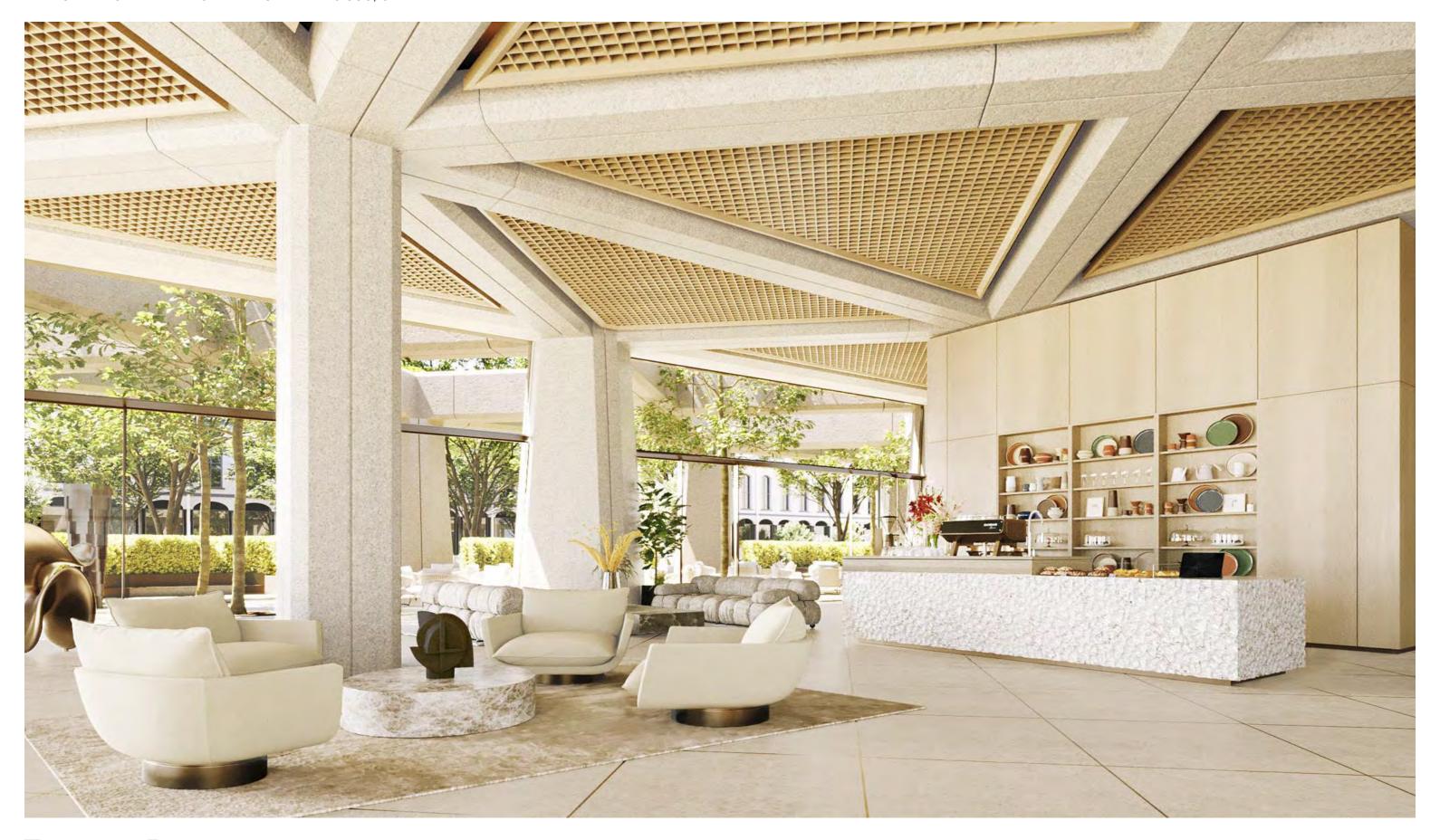
Norman founded the practice in 1967, and over five decades he has established a sustainable approach to the design of the built environment. He believes that the quality of our surroundings affects the quality of our lives, and is driven by his passion for innovation and excellence. He is also president of the Norman Foster Foundation, based in Madrid. In 1999, he was honoured by The Queen with a life peerage, taking the title Lord Foster of Thames Bank. Norman is a keen pilot, enjoys cross-country skiing and cycling.



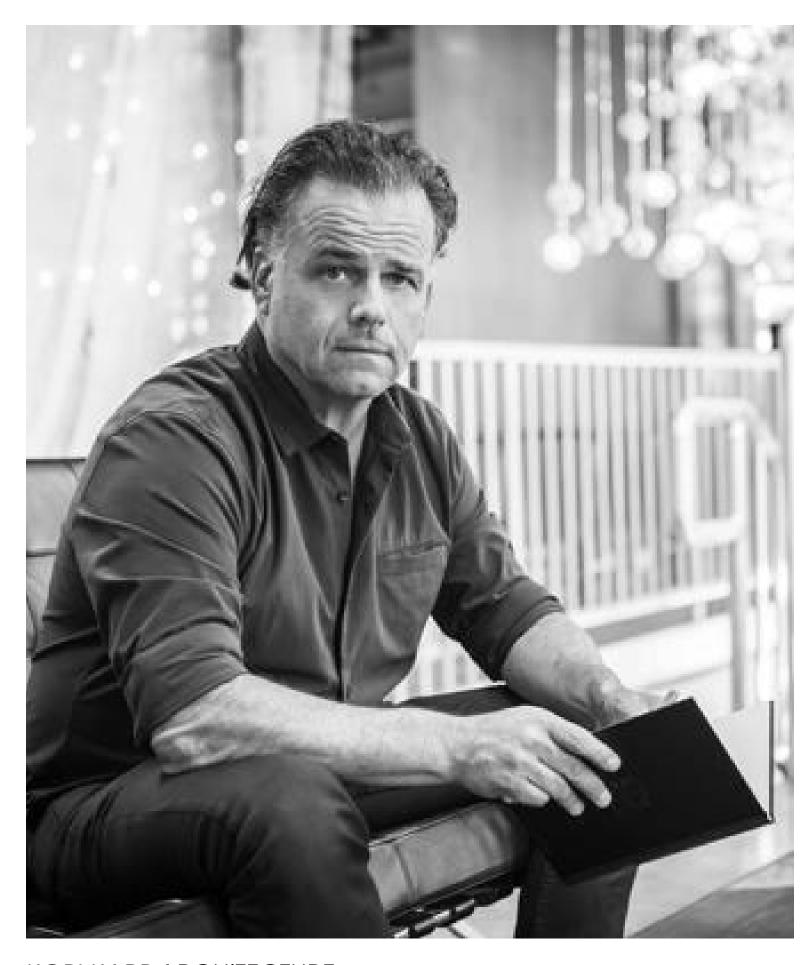
**Foster + Partners** 



**Foster + Partners** 



**Foster + Partners** 



KOBI KARP ARCHITECTURE

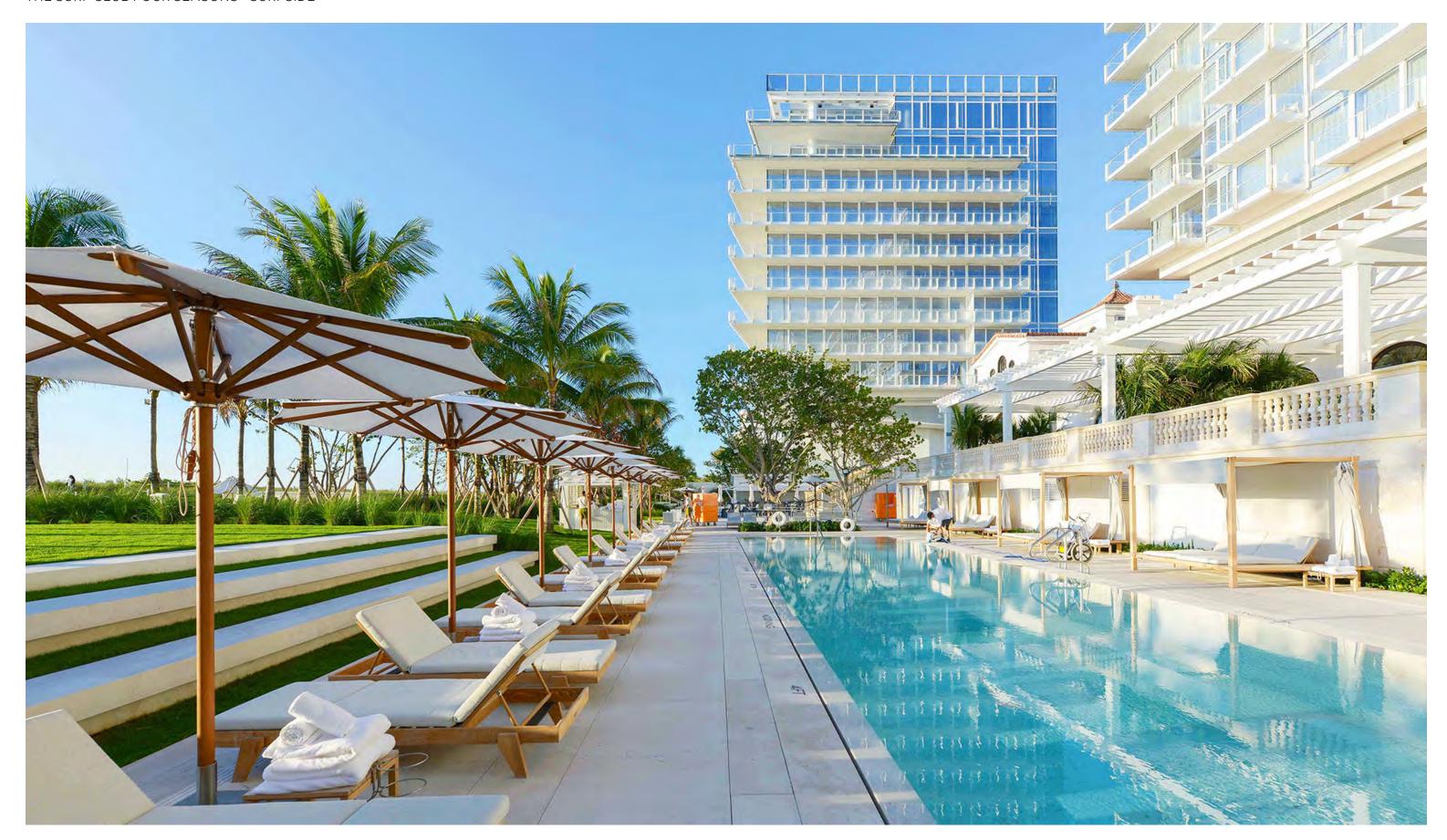
#### **KOBI KARP**

#### Principal and Founder

Kobi Karp is the Founder and Principal of Kobi Karp Architecture and Interior Design, Inc (KKAID). Kobi Karp founded the firm in 1996 and has been the Principal-in-Charge of design since that time. KKAID is a full-service architectural and interior design firm providing a vast array of services, ranging from the design of large-scale, high-rise condominium and hospitality projects to intimate, small-scale low-rise residential and commercial structures.

Kobi Karp has developed expertise in design over the last 20 years, working with a wide range of project types, sizes, complexities, and budgets. It is through this last quarter century working in warm weather climates that KKAID has garnered international acclaim and been selected to spearhead numerous resort projects. Developers and builders in the Caribbean, Black Sea region, and the Middle East have relied on the firm for their design eye and planning.

Kobi Karp is a recognized member of the American Institute of Architects, honored for his award-winning designs and buildings and he is a licensed Professional Architect in 9 states and in Abu Dhabi (UAE). His firm has been featured in renowned national and local publications based on their major contributions in the preservation of historical areas.



KOBI KARP ARCHITECTURE

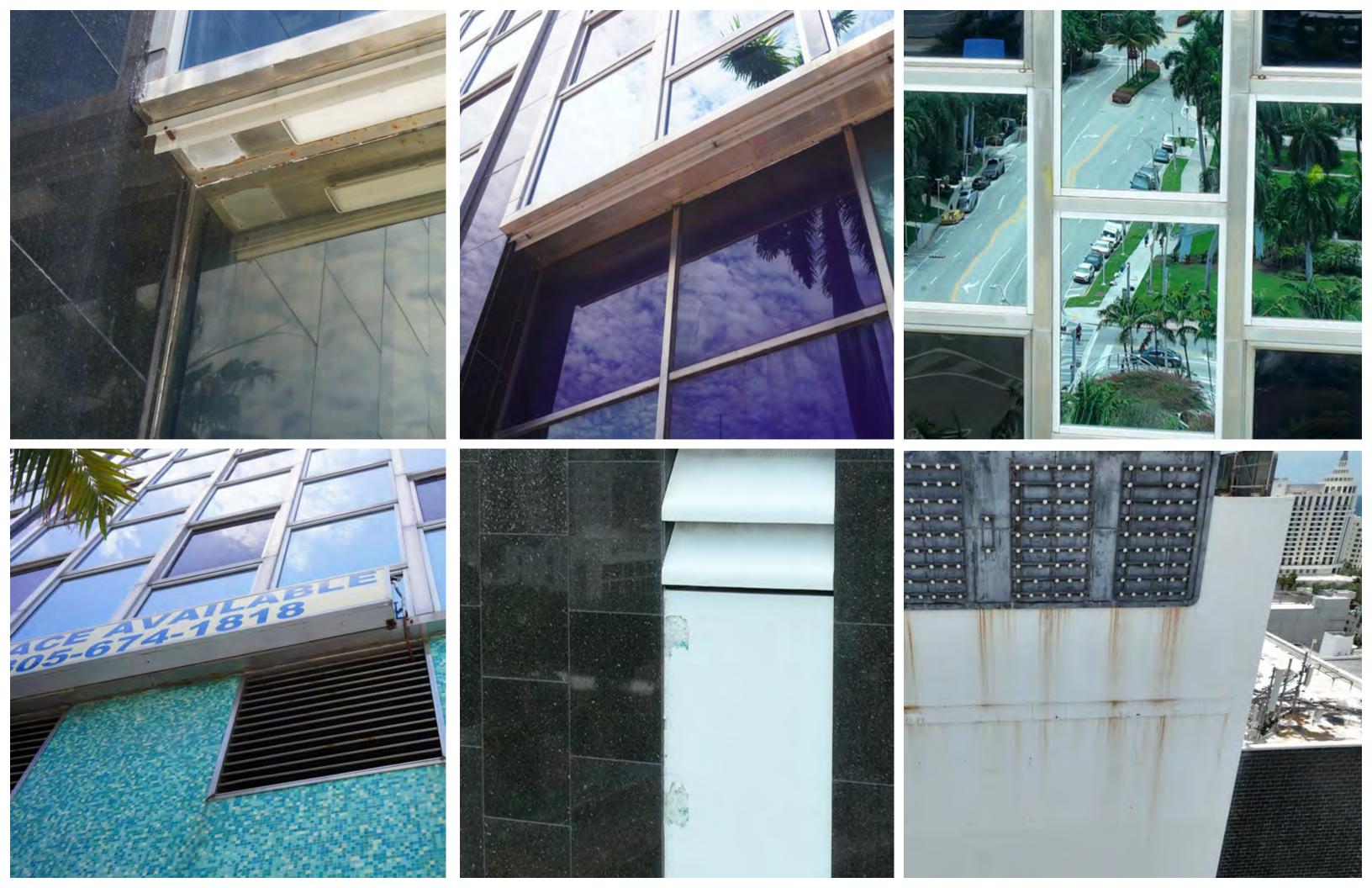


# Site History 407 Lincoln Road

Federal Savings and Loan Association, Demolished in the 1950's









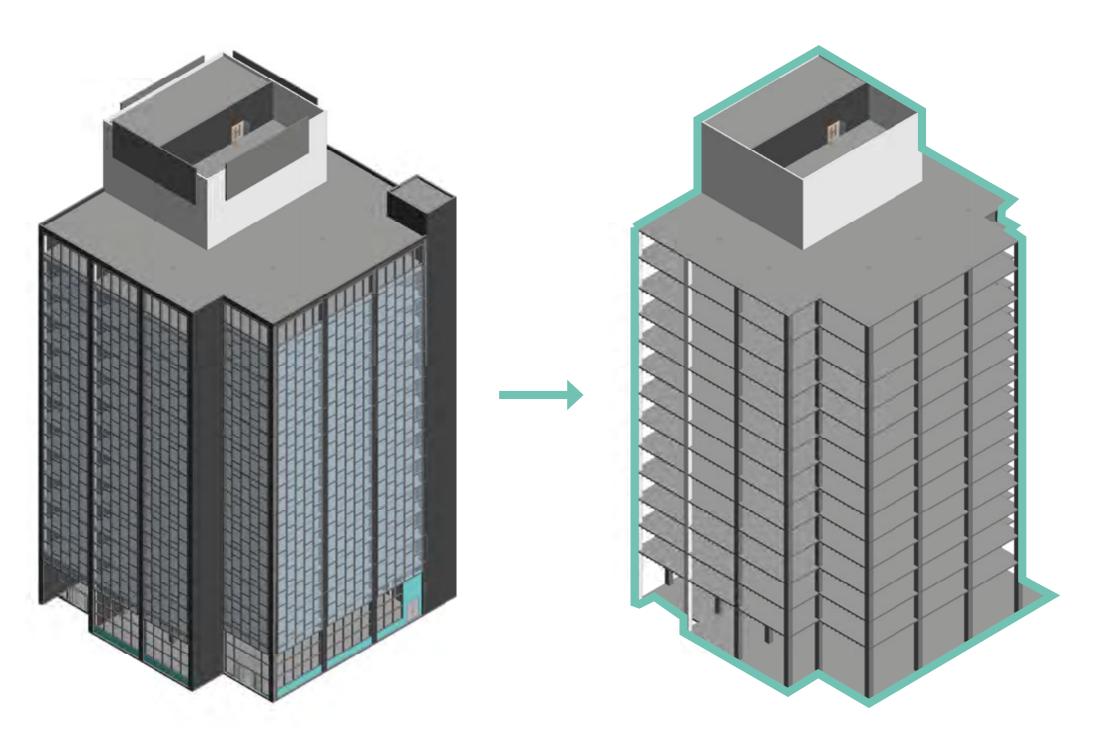








## **Up-front Carbon Reduction**

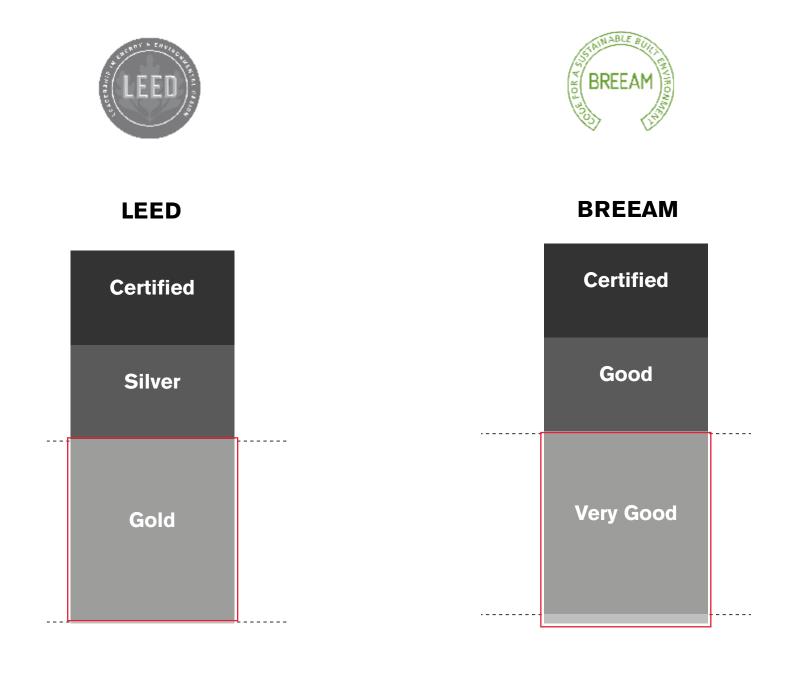


-17%
up-front carbon saved
by retaining the
existing structure

-70/0
further carbon saved by avoiding site preliminaries from new construction

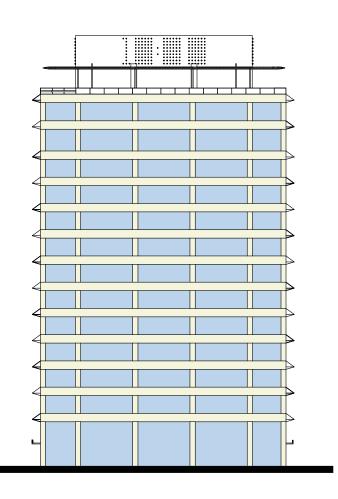
Existing Lincoln Road building

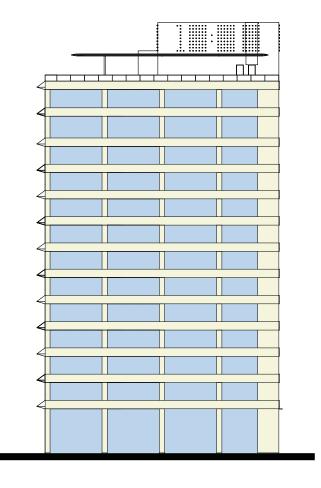
# **Sustainabilty Targets**

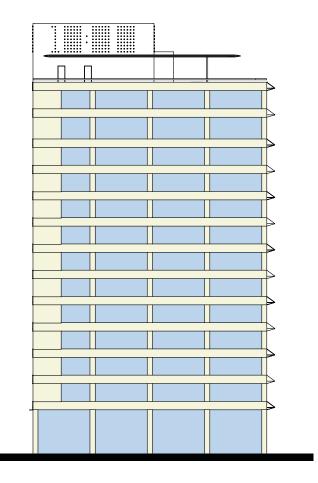


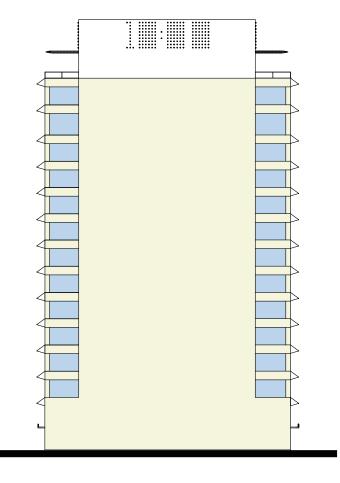
## **Facade Solidity**

# 54% Solid on Average









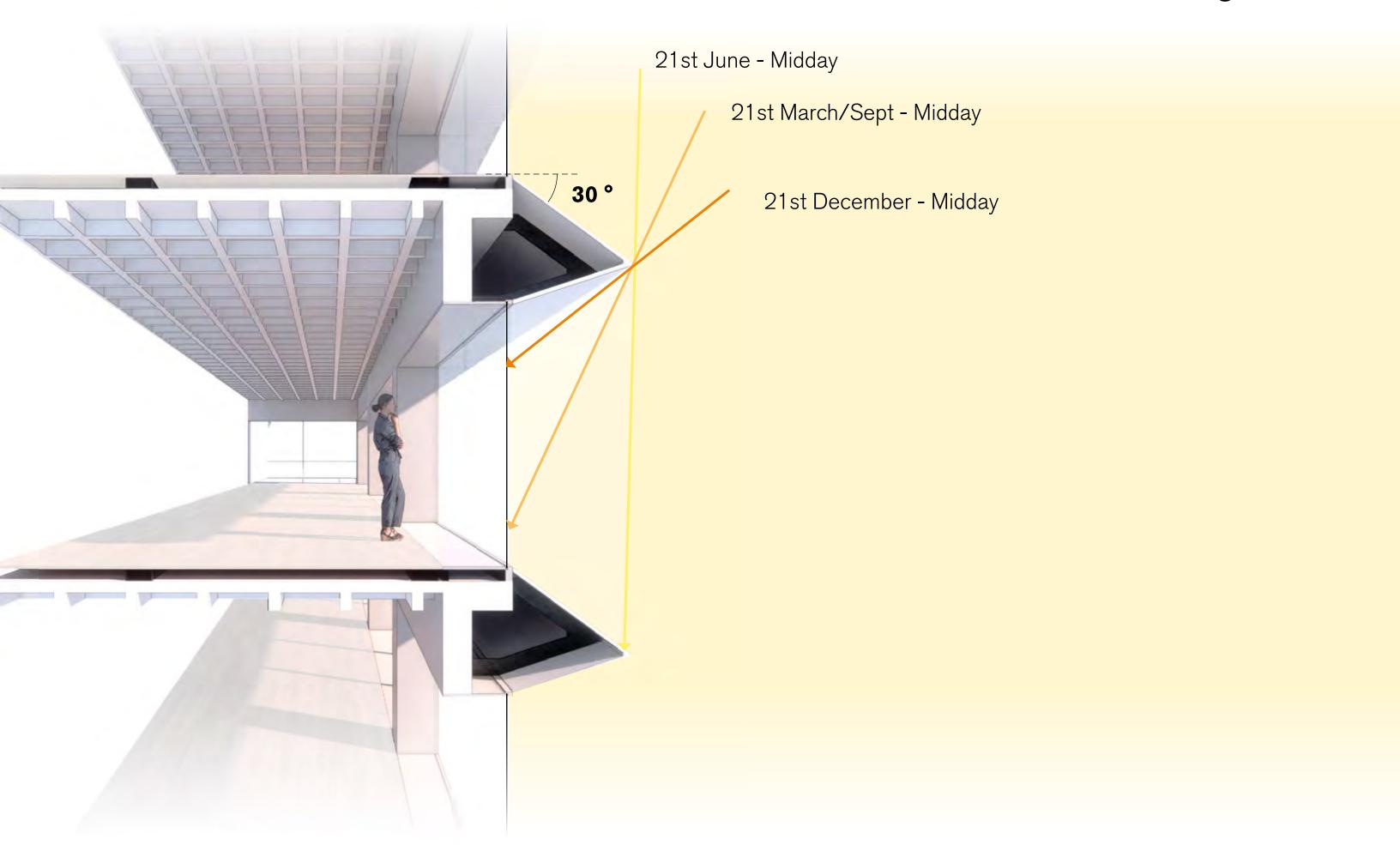
Proposed Elevation - East 39% Solid

Proposed Elevation - North 44% Solid

Proposed Elevation - South 44% Solid

Proposed Elevation - West 86% Solid

## Improved facade performance - Horizontal fins to reduce solar gains



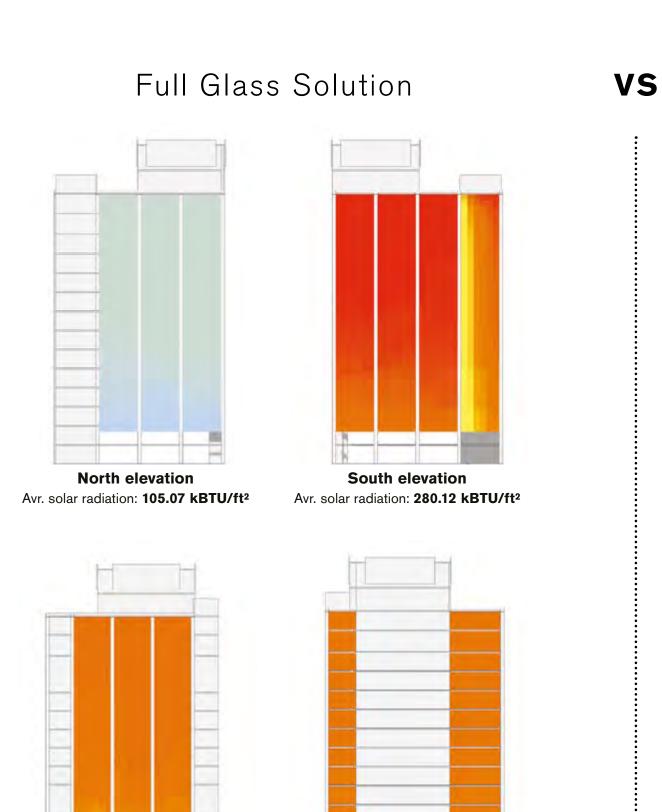
## **Solar Radiation Analysis**

**East elevation** 

Avr. solar radiation: 248.72 kBTU/ft²

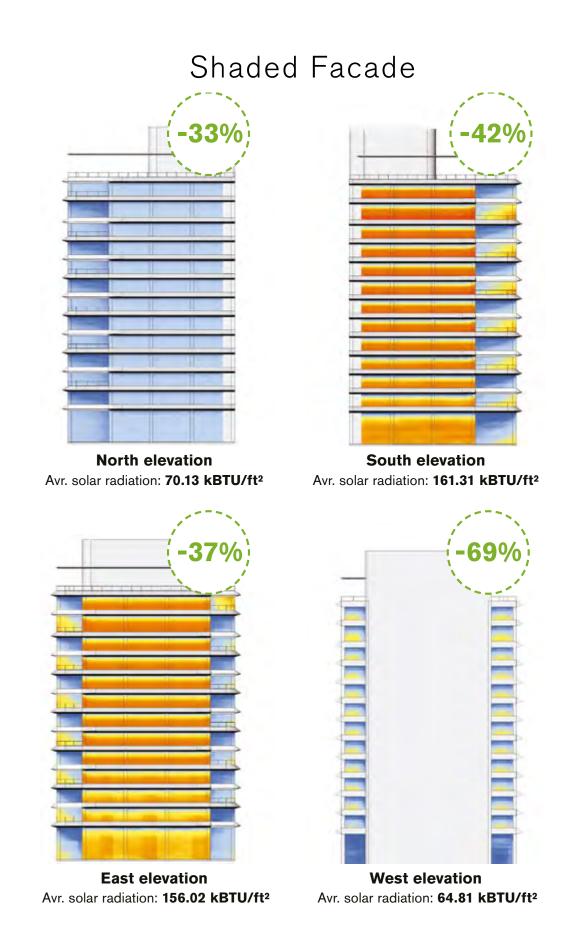
#### Solar radiation (kBTU/ft²)

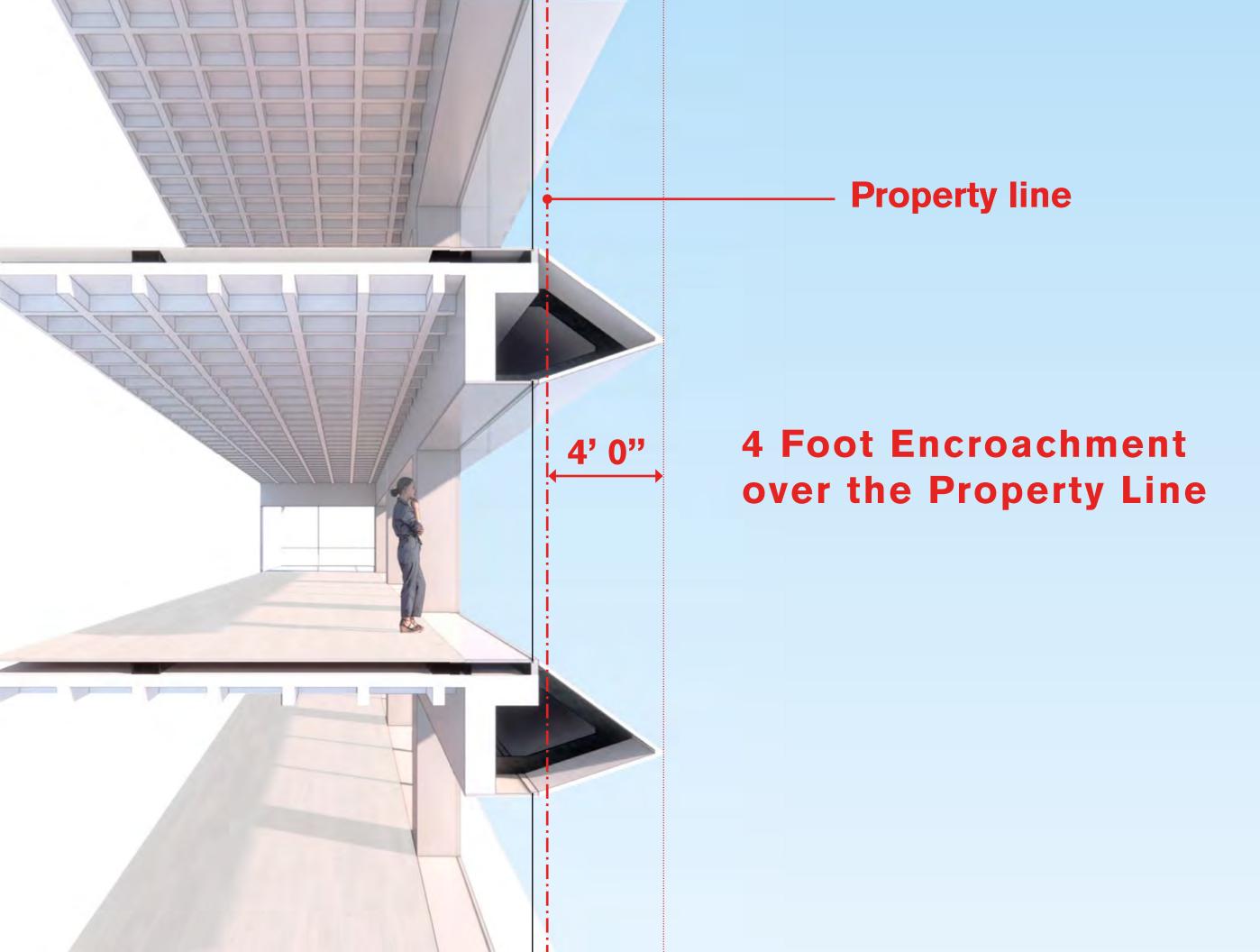


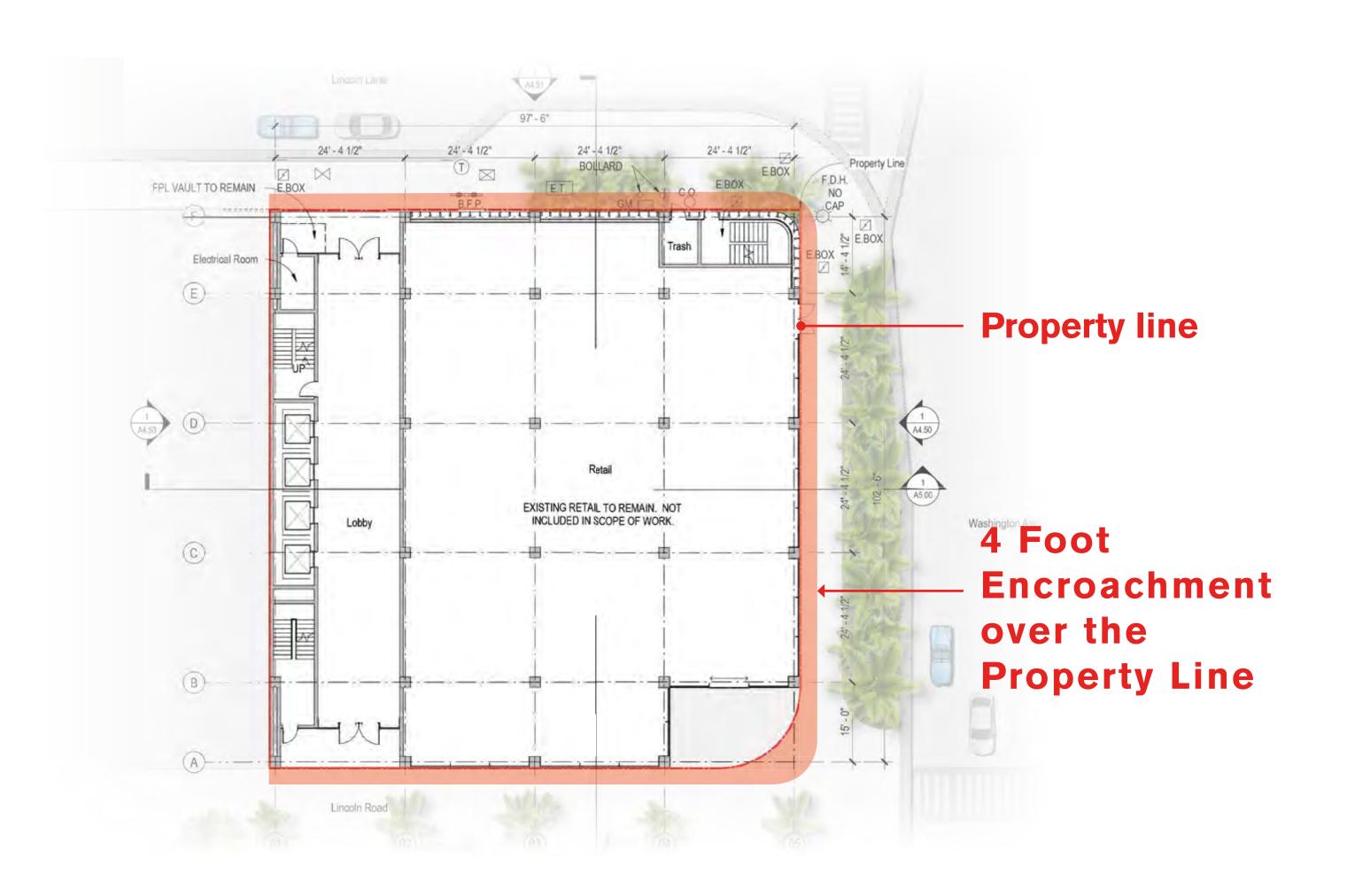


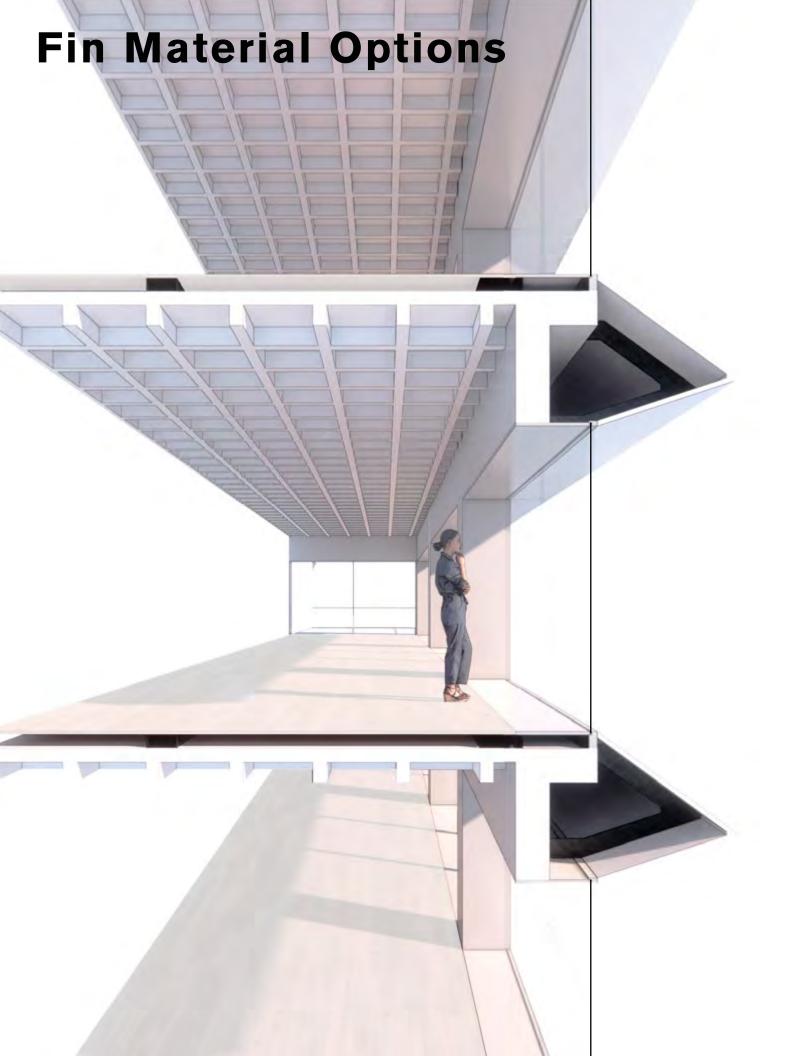
**West elevation** 

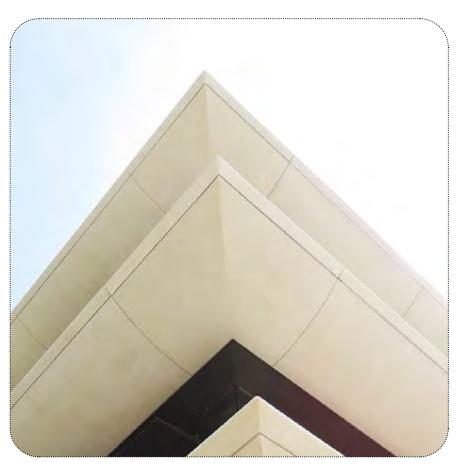
Avr. solar radiation: 207.57 kBTU/ft²











**Glass Fibre Reinforced Concrete** 



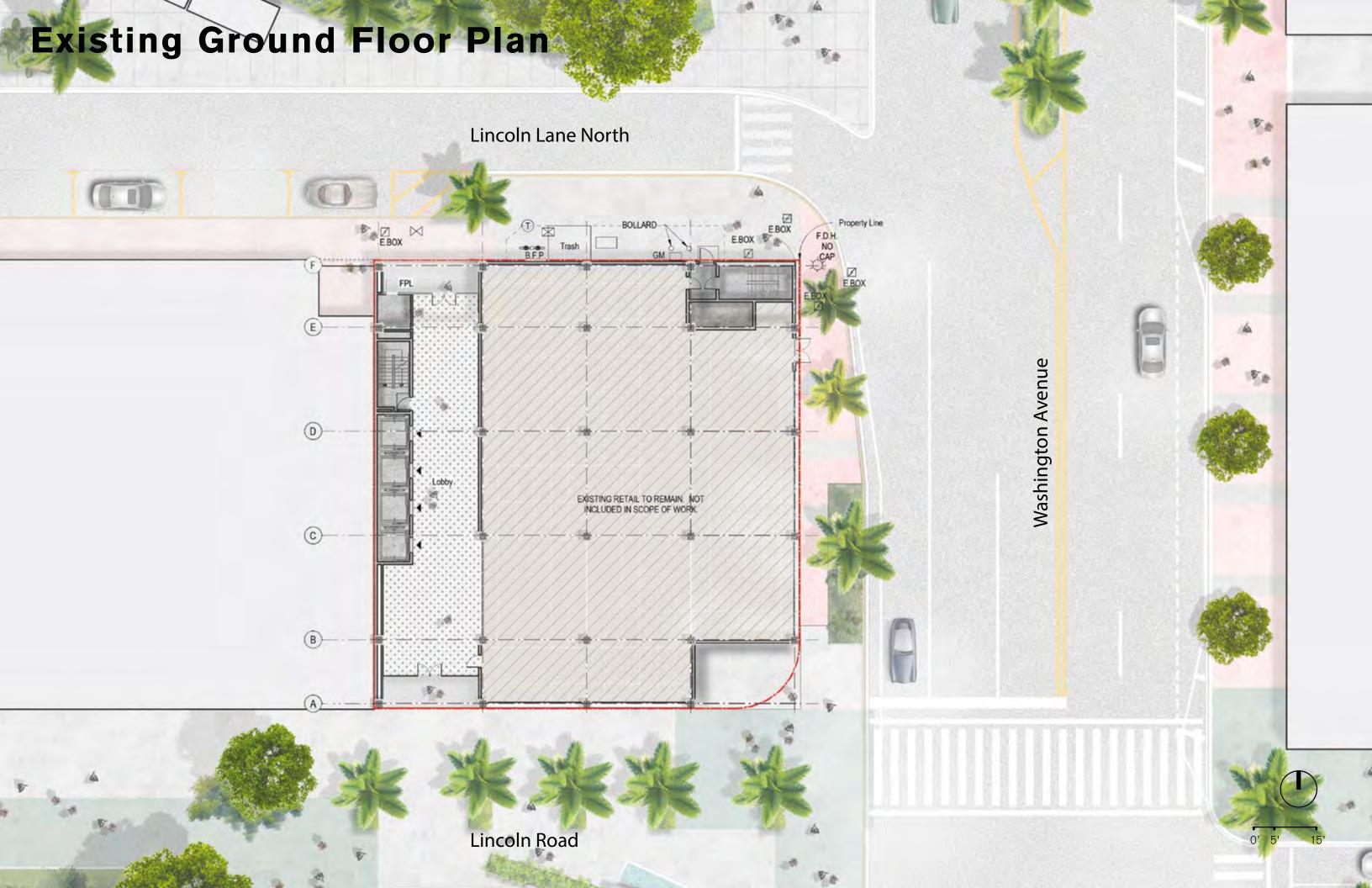
White Aluminium

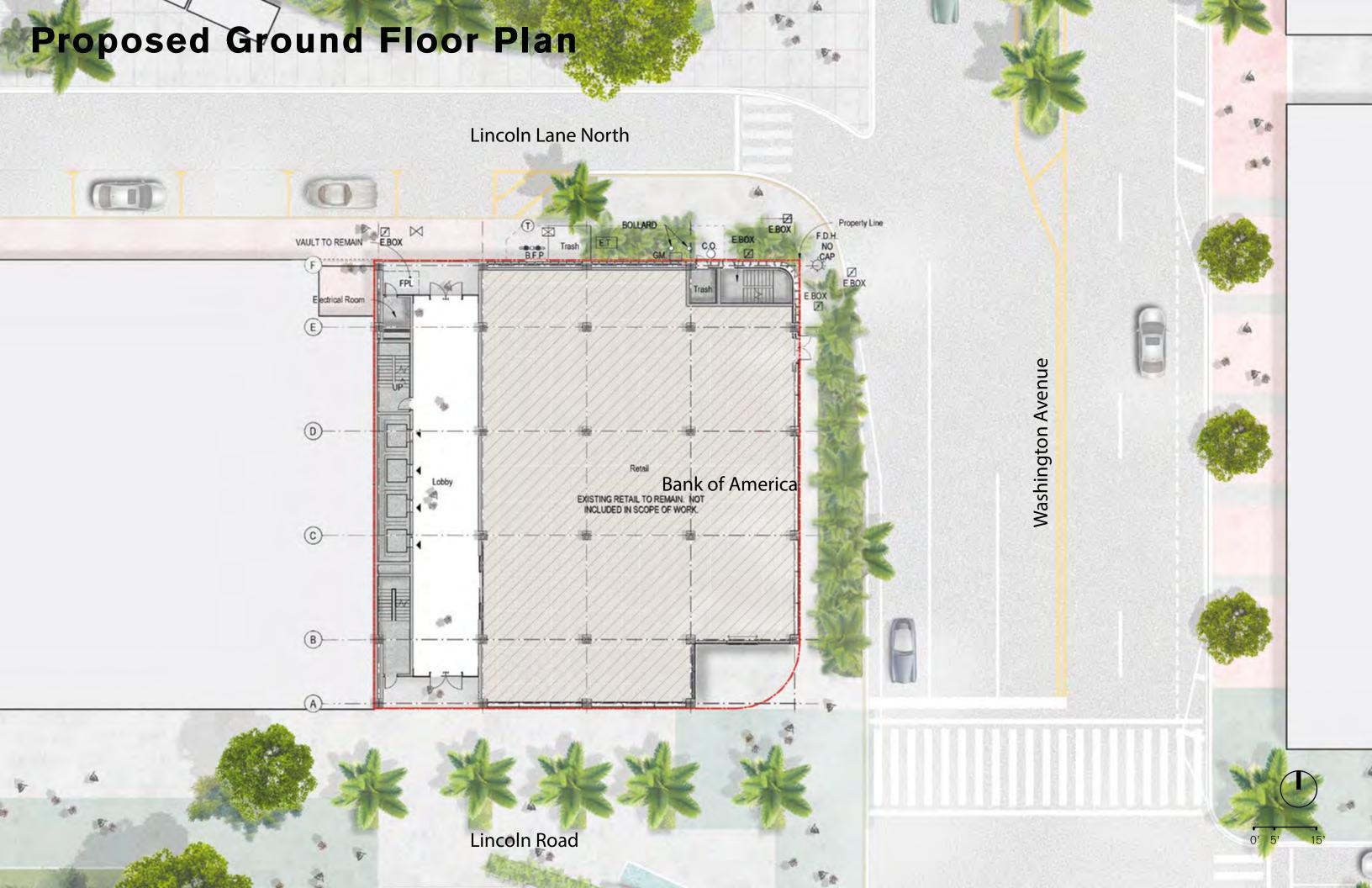




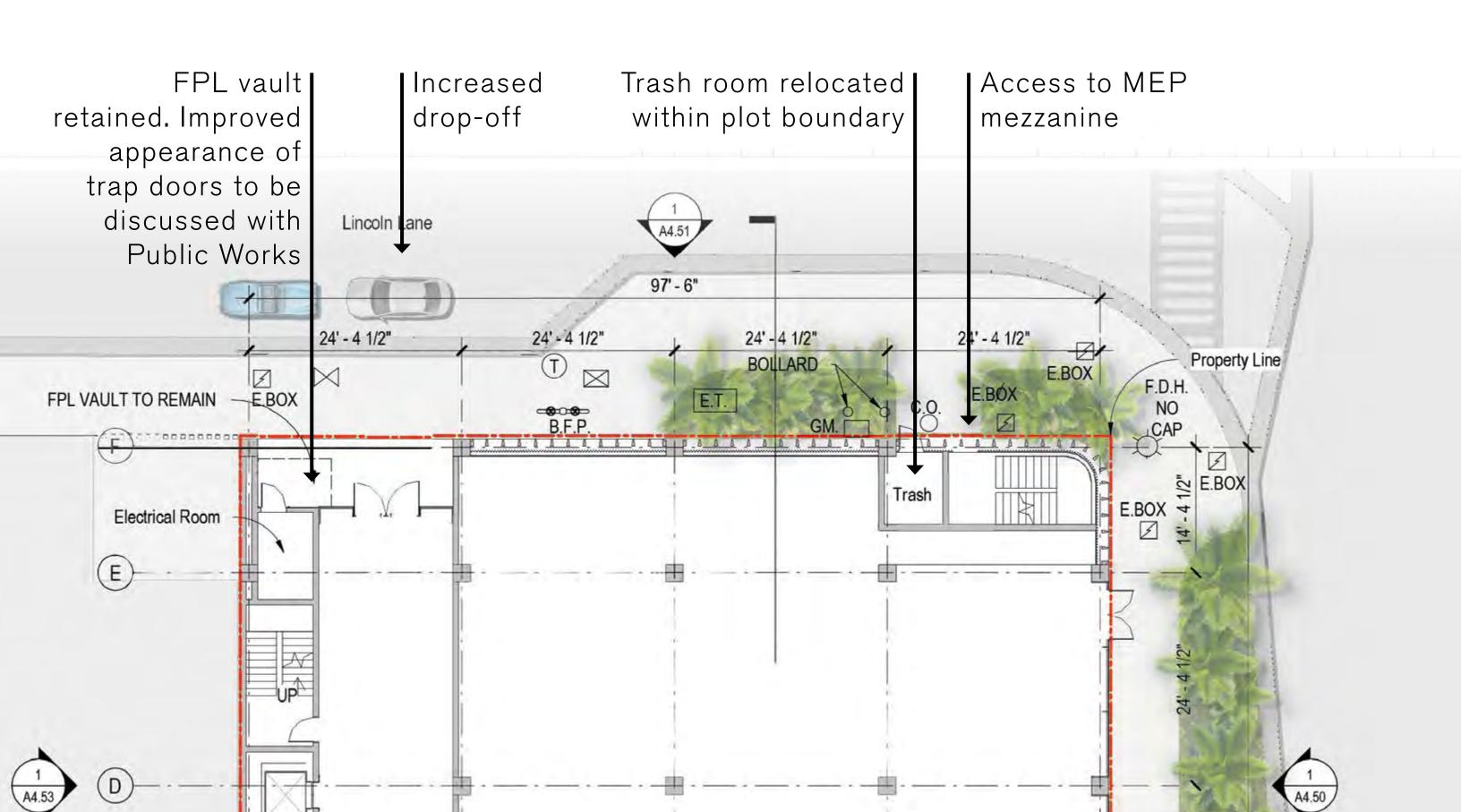








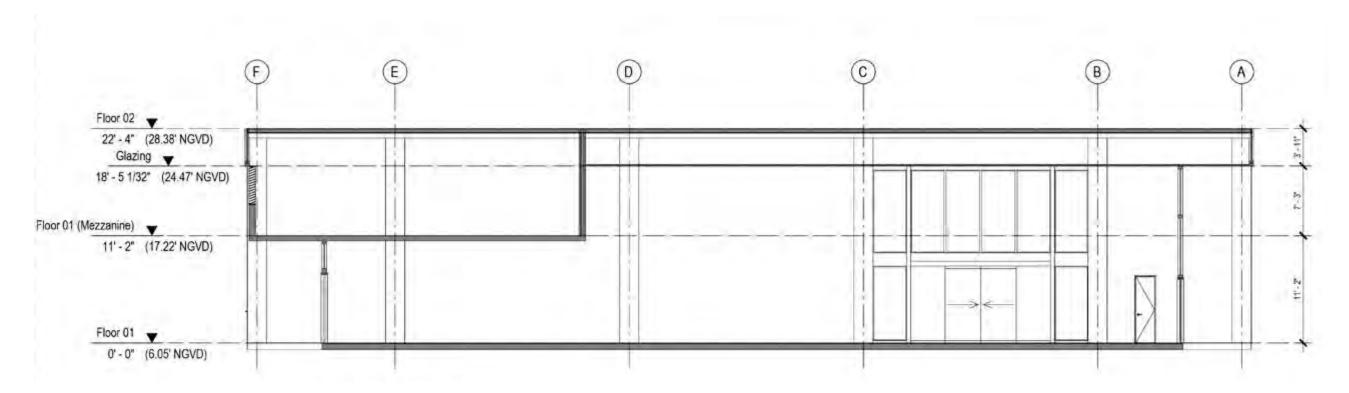
#### Drop-off, Existing Services and Landscape on Lincoln Lane



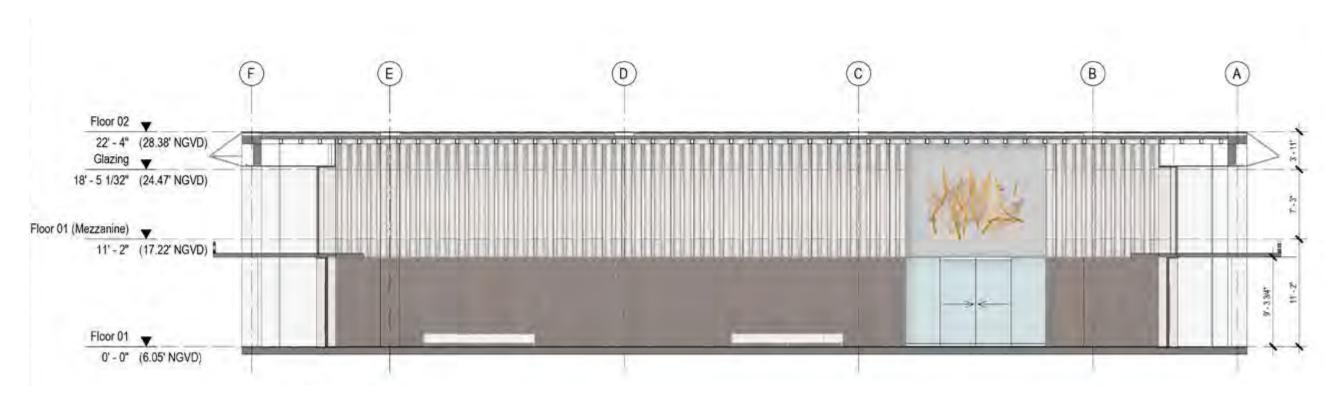




# **Section through Lobby**



Existing



Proposed

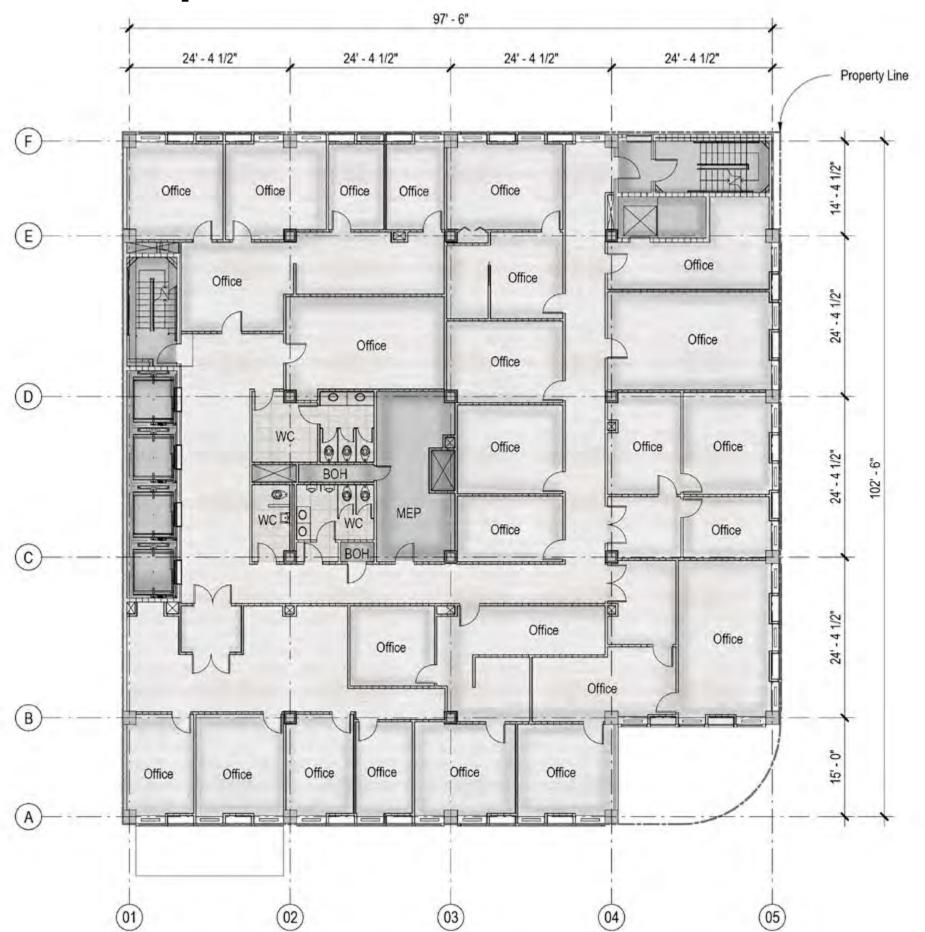


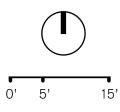




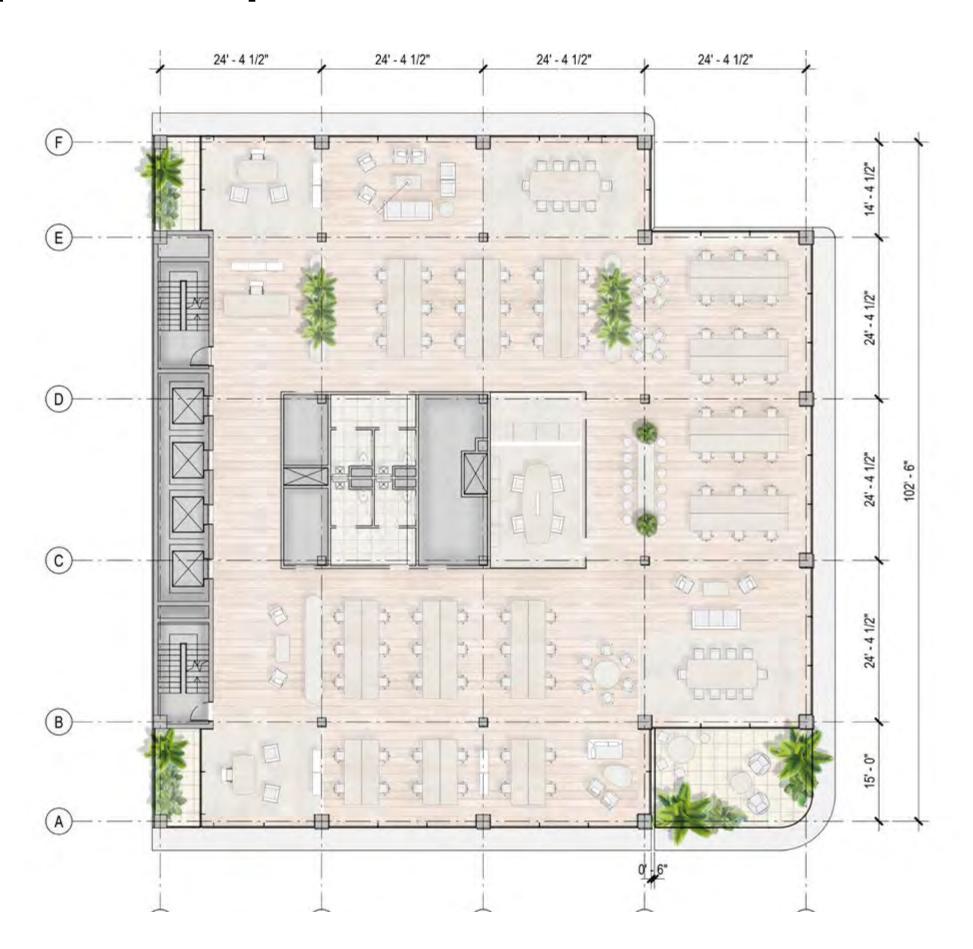


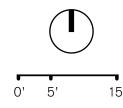
### **Existing Typical Floorplan**



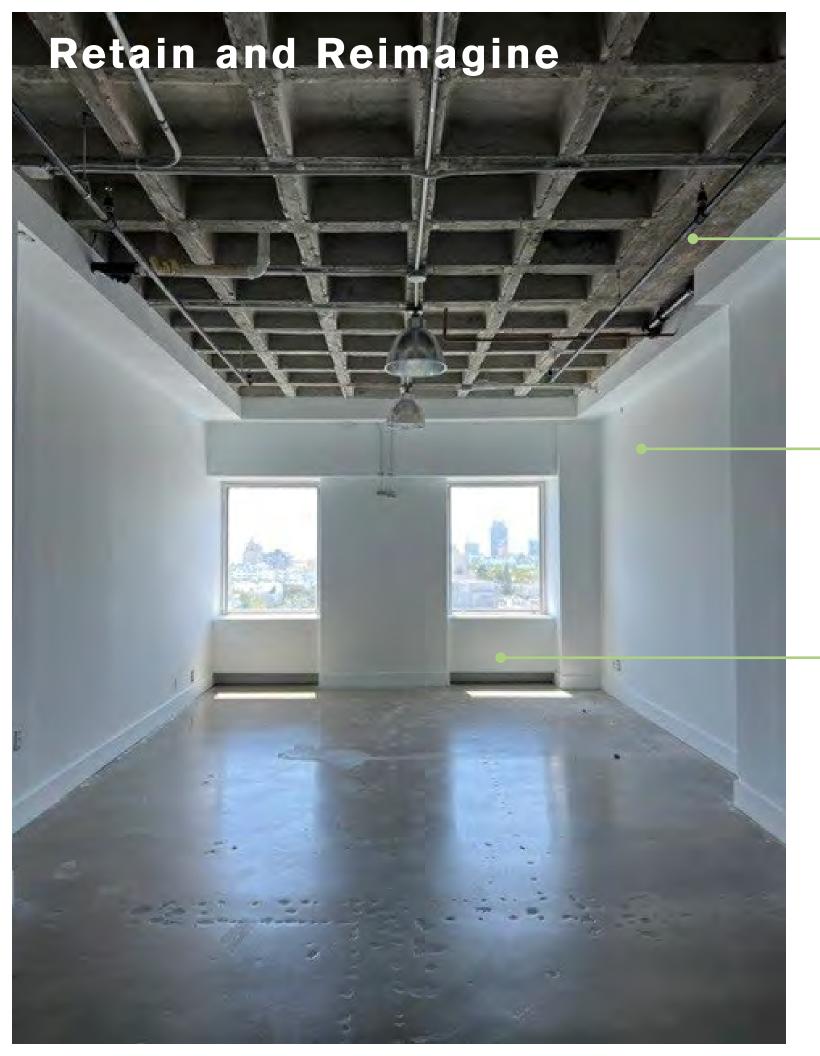


### **Proposed Typical Floorplan**









Structure



Retention of existing structure avoiding carbon form newly excavated materials

Audit



Carry out audit of materials to identify other reuse, recycling and retention opportunities

Waste



Zero waste landfill strategies during construction promoting circular economy



## Design Impacts on User Productivity - Health and Wellbeing

### DESIGN IMPACTS ON USER



#### Daylight + views out

7-12% increased productivity
6.5 days reduced sick leave
46 minutes more sleep each night



#### Too warm or cold

4-6% drop in productivity



#### **Enhanced ventilation**

11% increased productivity



#### **Active design**

72% reduced absenteeism
39% improved user
satisfaction
18% improved cohesion
6% reduced stress
70% reduced staff turnover



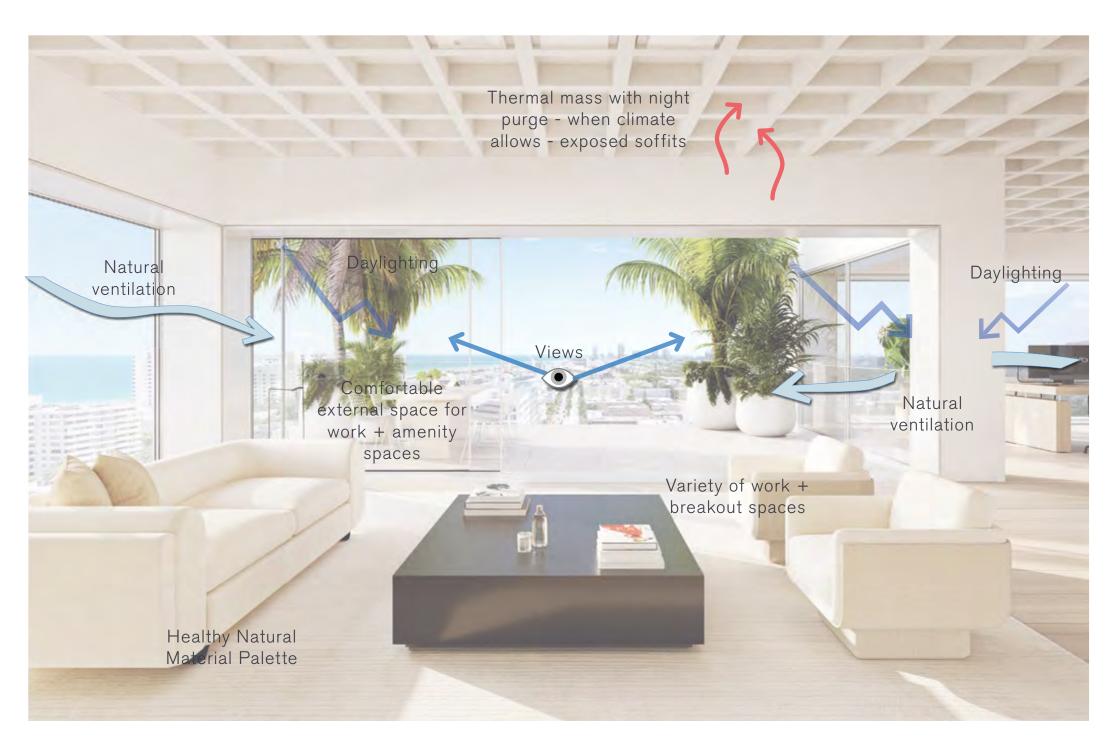
#### **Acoustic control**

66% reduced productivity

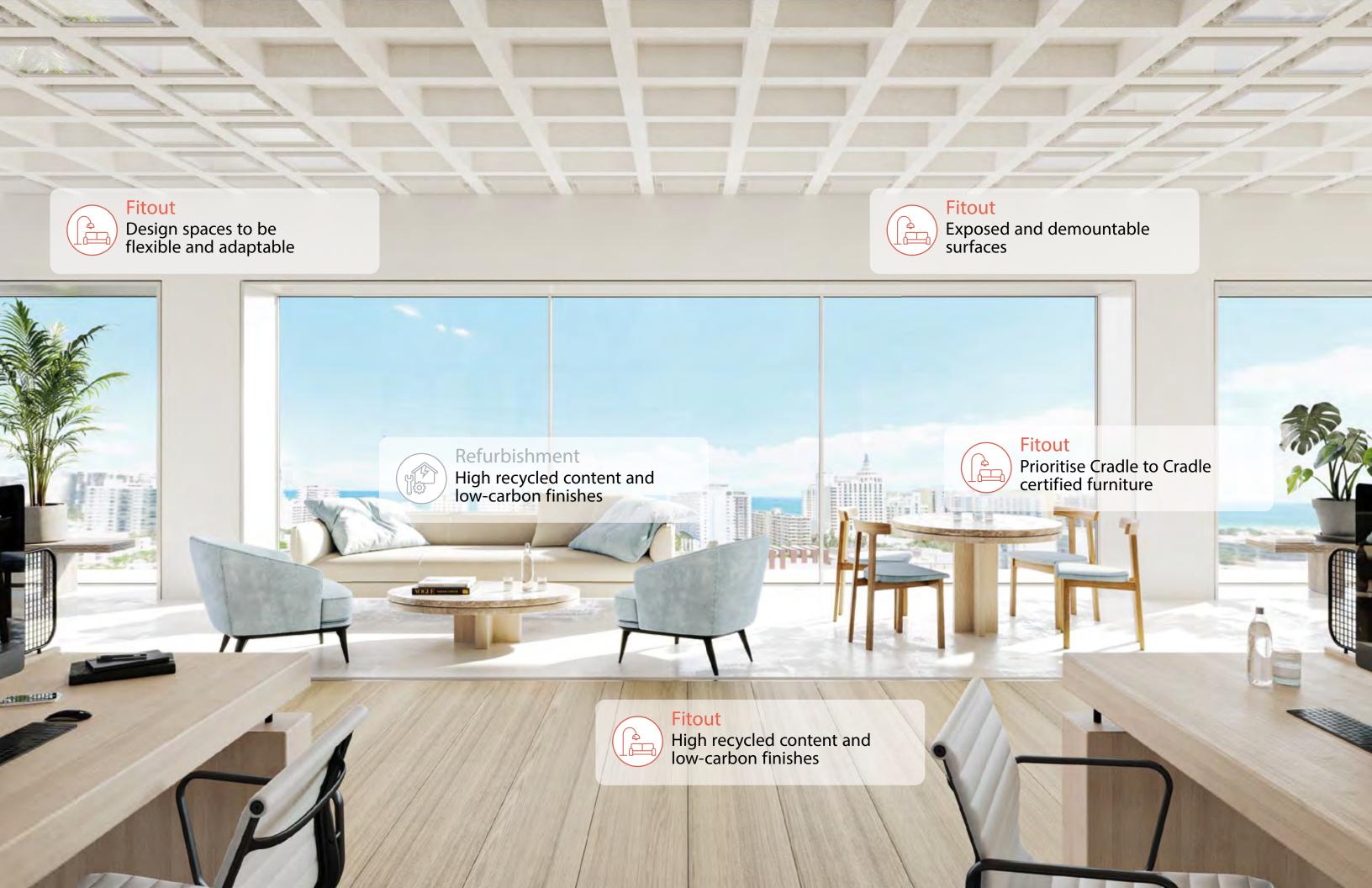


#### Biophilia

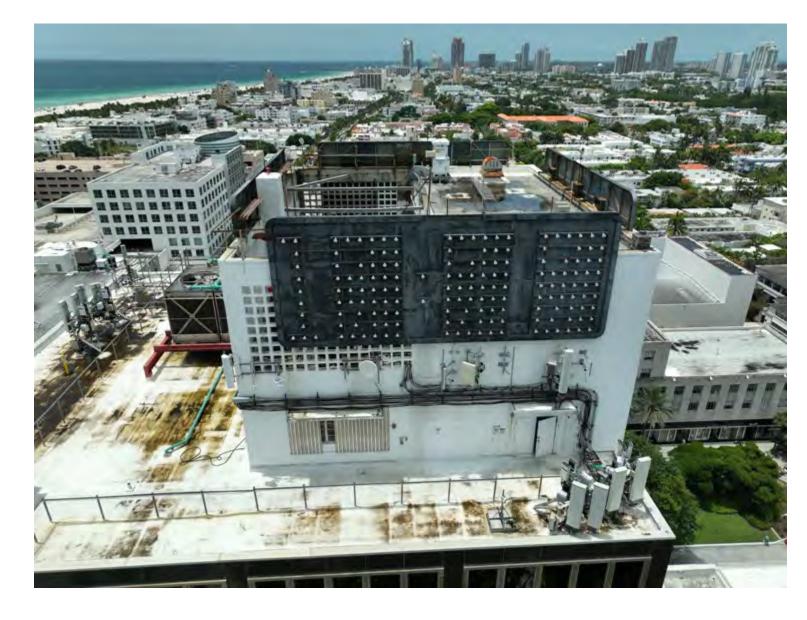
10% reduced stress, anxiety and depression







### Restoring the Presence of the Clock





Current out of operation clock

Proposed rejuvenated clock





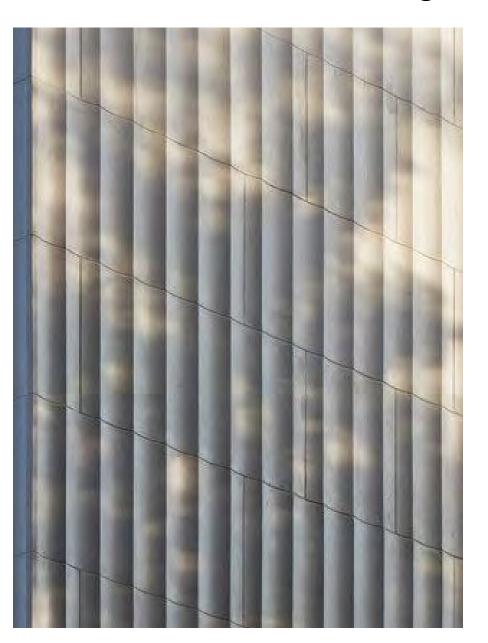


### **West Facade Art Wall - 3 Approaches**

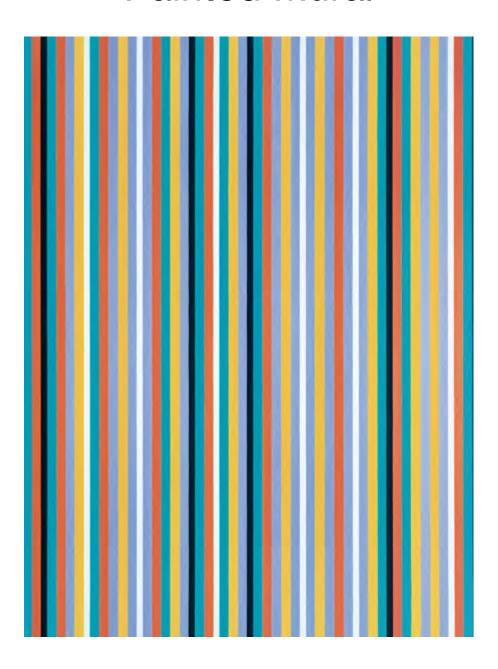
Lighting Installation



**Architectural Detailing** 



Painted Mural

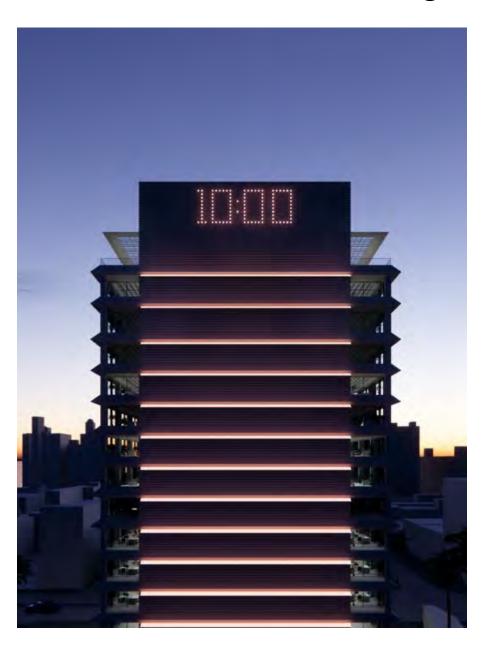


### West Facade Art Wall - 3 Approaches

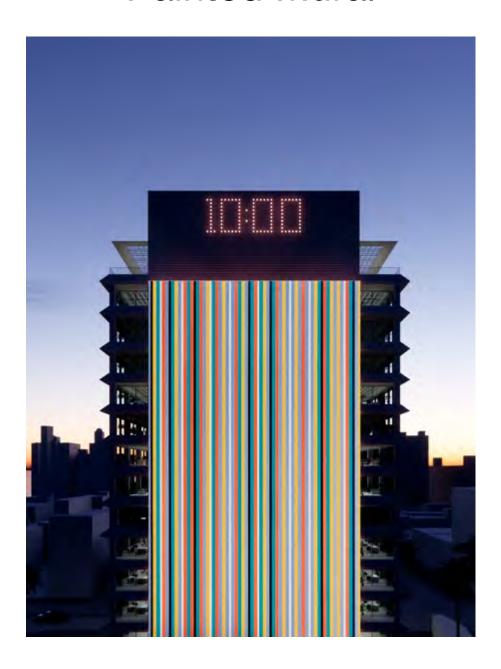
Lighting Installation



**Architectural Detailing** 



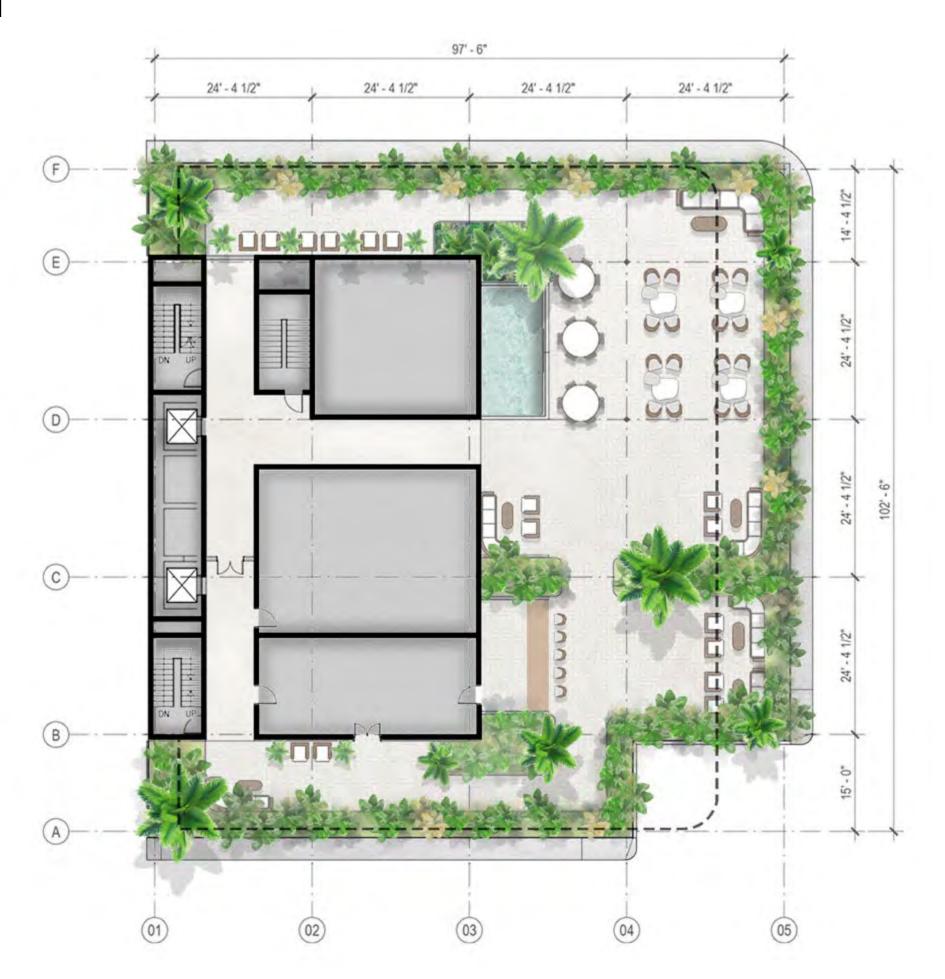
Painted Mural



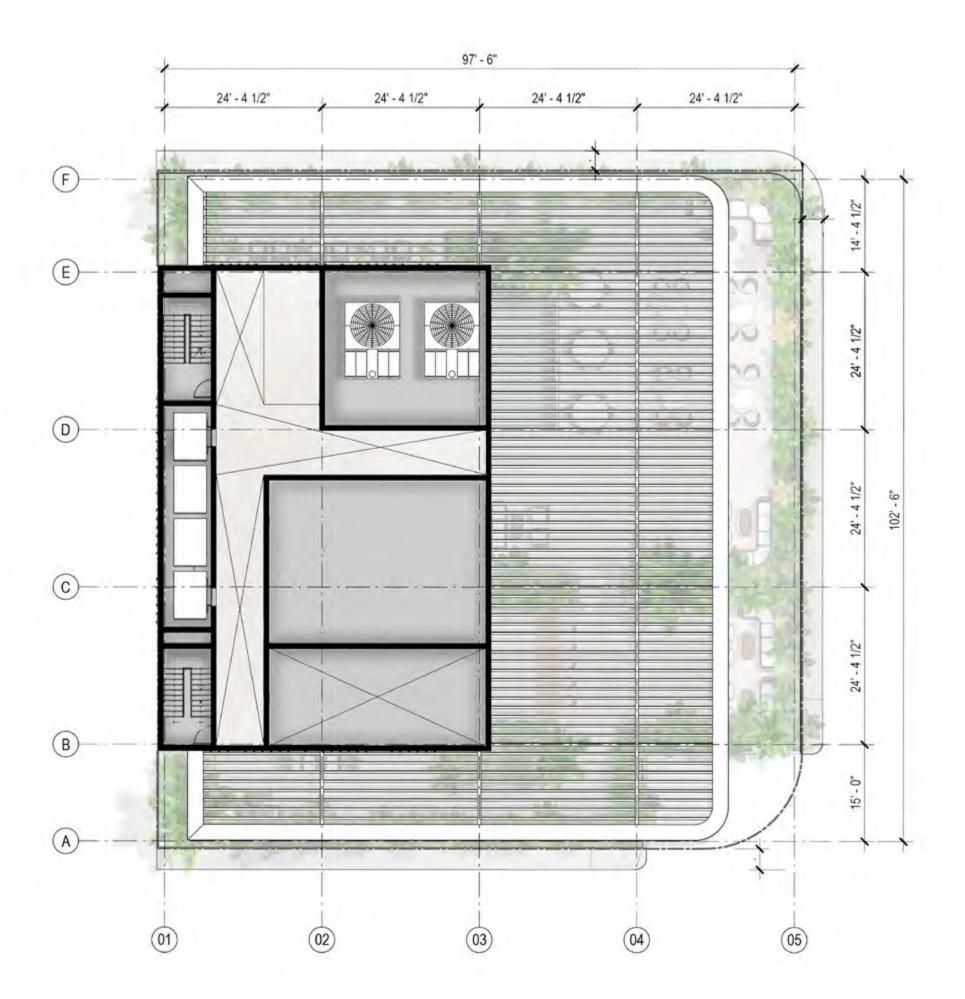




## **Rooftop Plan**

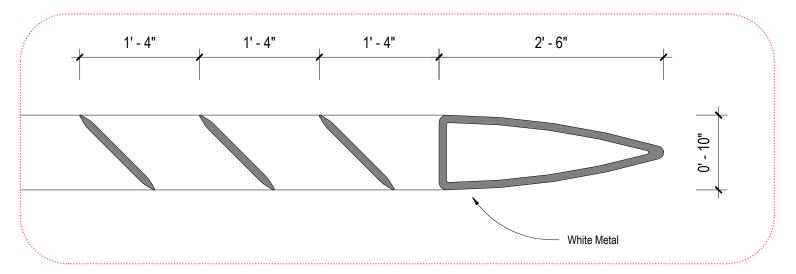


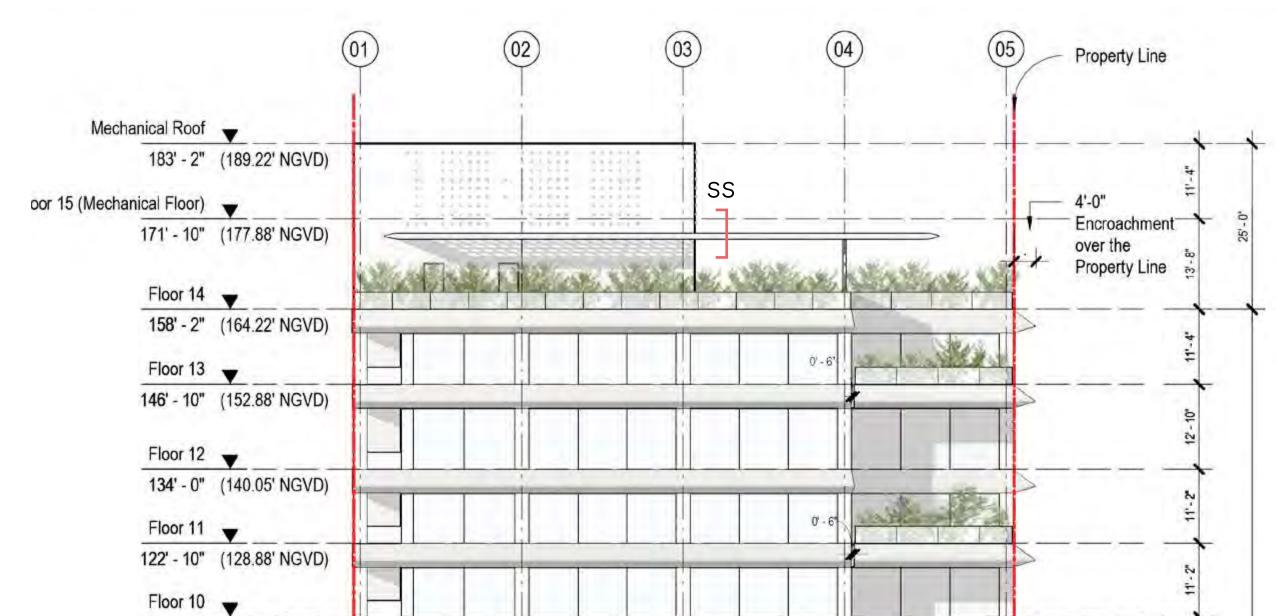
# **Canopy Plan**



### **Rooftop South Elevation**

ss - Typical North/South section through canopy









SHVO | Foster + Partners | KOBI KARP ARCHITECTURE