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# PORTFOLIO ONE

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IDSN 3102

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# Research

## Sustainability in Interior Environments

Sustainability in historic preservation is very important in our modern world we live in by using old buildings and creating something new compared to how harmful new construction is to the earth.

### LEED v4.1

- This focuses on the realities of the space.
- A new option within the Environmental Tobacco Smoke Control that limits smoking in areas outside of the interior project's control.
  - Smoking is still prohibited in the entire LEED project space.
- Lower entry points for both Daylight and Acoustic Performance credits to inspire more projects to use that during their design.
- Has a greater focus on improving indoor air quality through air testing options and by using the latest ventilation standards.

### Trends in Historic Preservation

- Historic Preservation and Sustainability are natural partners.
- Preservation and reuse of historic building:
  - Reduces resource and material consumption, puts less waste in landfills, and consumes less energy than demolishing buildings and constructing new ones.

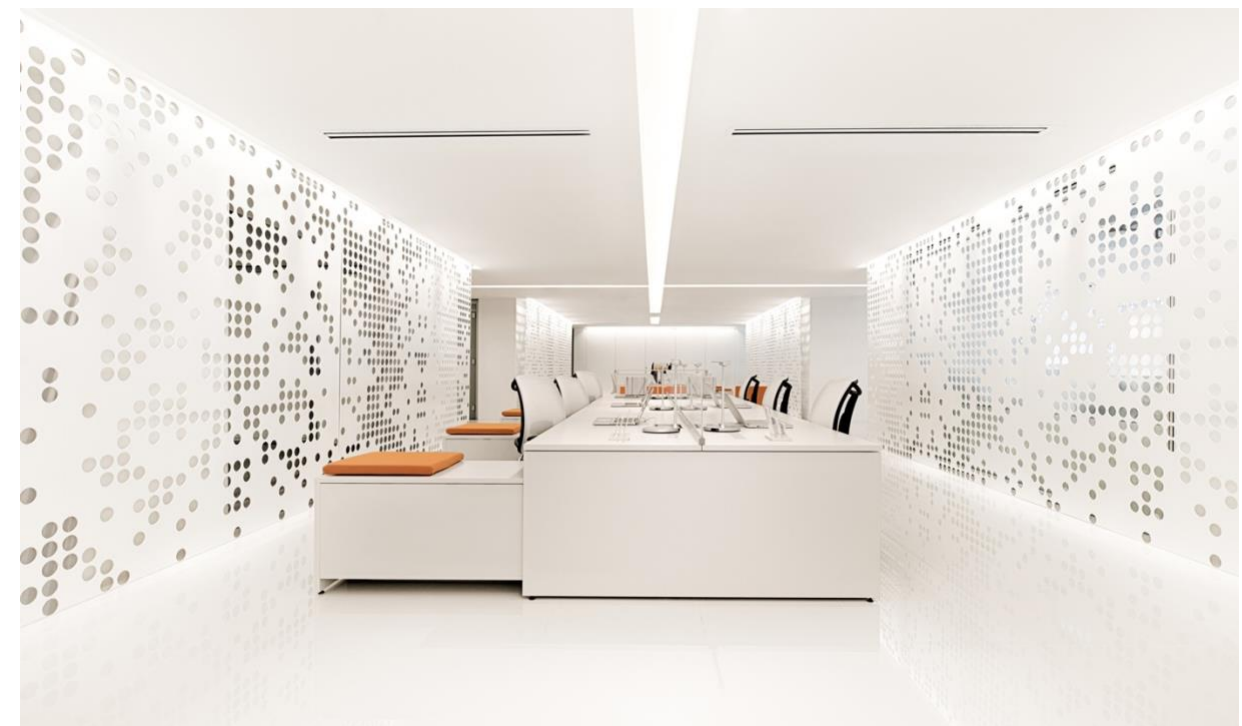
### Sustainable Building Systems

- This is an innovative company dedicated to creating cutting edge building solutions for the construction industry.



# Stakeholder Profile

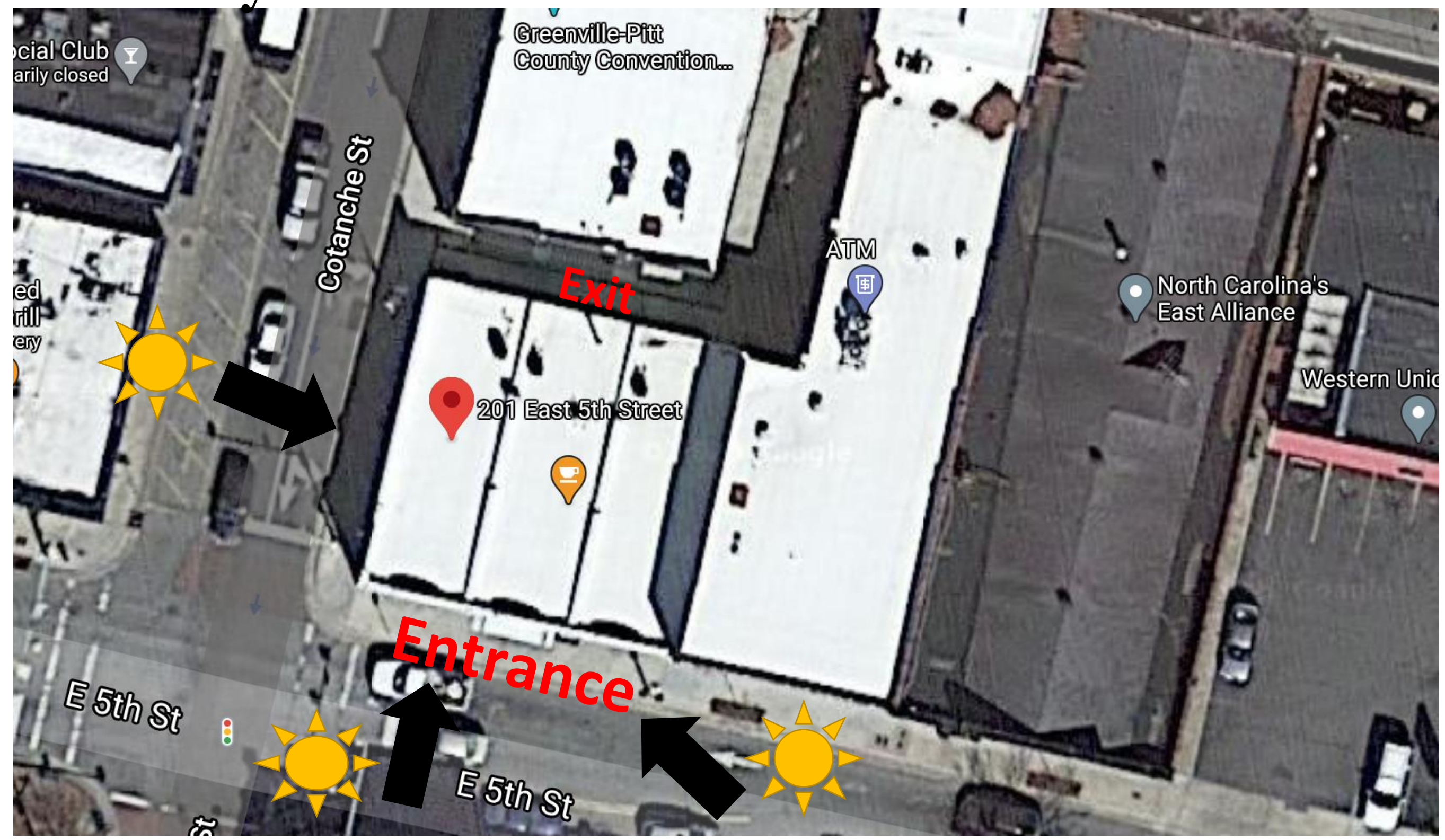
- **Owner:** Real estate Developer
- **Client:** Teknion
- **Users of the space will be:**
  - Employees and clients seeking for furniture
- **What the client wants:**
  - A 3,000 square foot working showroom for Teknion furniture.



# Site Profile



# Site Analysis



# Design Problem Statement

## Wayfinding

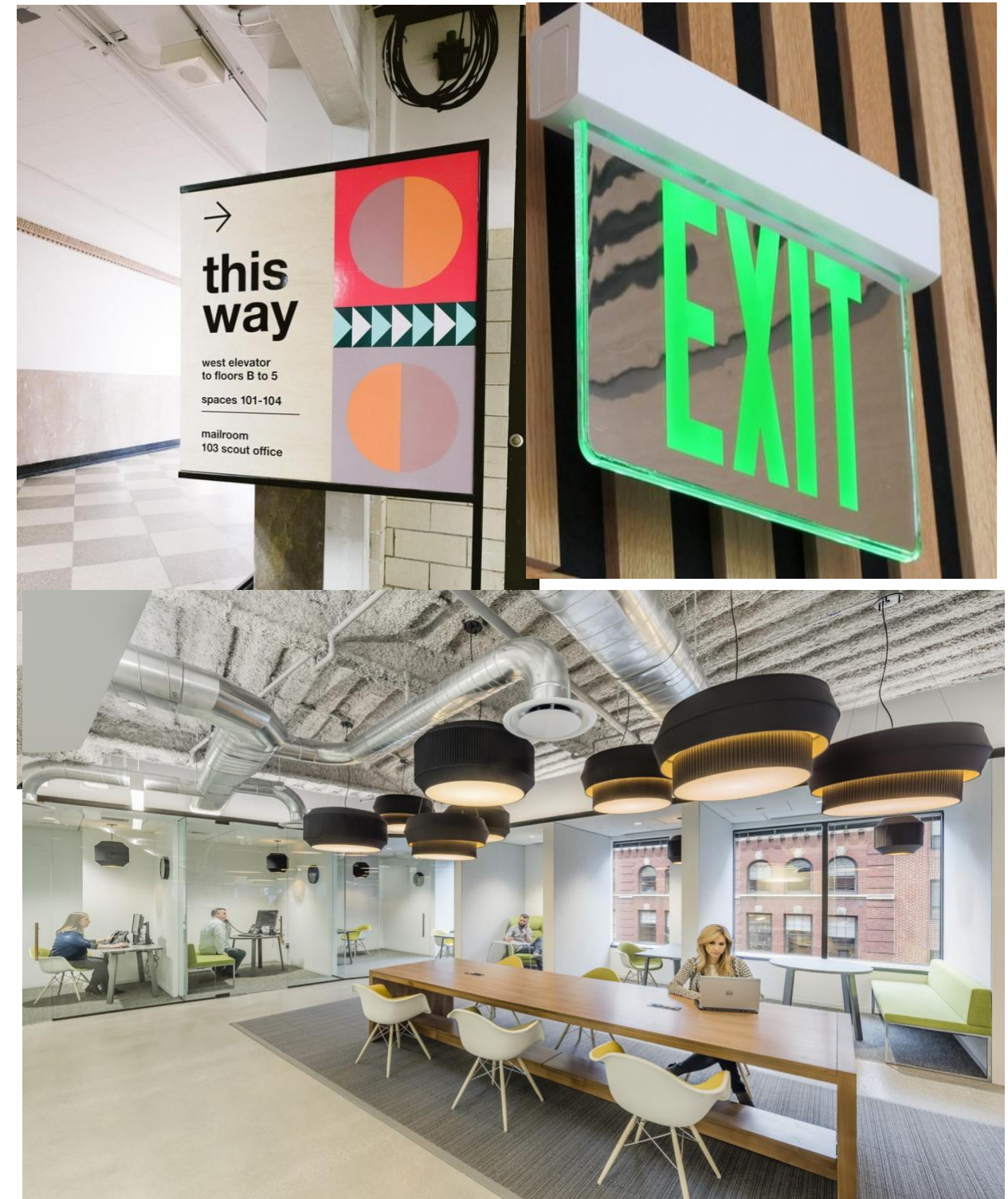
- To make the space social distancing safe.
- Making the space flow nicely through each space.
- Finding what will be the main entrance and exit.

## Lighting

- To keep as much natural light coming in to save energy.
- To have energy efficient lighting throughout the space to be eco-friendly and efficient.

## Location

- This site is located on a busy street so it will be hard to get big trucks in during the renovation of the space.
- Parking for employees and customers.



# Citation

[https://www.dahp.wa.gov/sites/default/files/209SustainabilityStudy\\_ExecutiveSummary.pdf](https://www.dahp.wa.gov/sites/default/files/209SustainabilityStudy_ExecutiveSummary.pdf)

<https://www.usgbc.org/leed/rating-systems/new-interiors>

<https://sbsusainc.com>