

PORTFOLIO ONE

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IDSN 3102

SUSTAINABILITY IN INTERIOR ENVIRONMENTS

LEED Building Credits

- A rating program that is a four-tiered credit system that is based on the compliance of different aspects of sustainability.
- Smart growth and new urbanism
- The different credits and certification levels range from 40 to 49, 50 to 59, and 60 to 79

Sustainability

- Energy-cost effectiveness of the inner spaces
- Design for waste reduction
- Recycling, up-cycling and repurposing
- Design for longevity and flexibility

Embodied Energy

- Design new functions to fit the old form
- Maximizing interior daylight
- Retain and/or repair historic fixtures rather than replacing them.

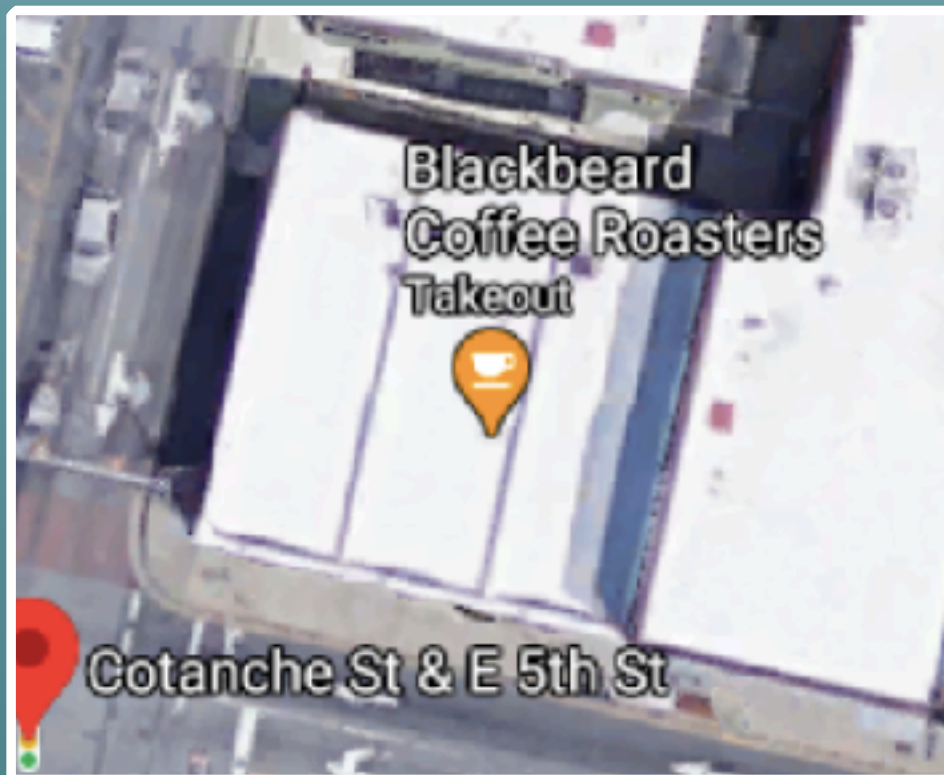
STAKEHOLDER PROFILES

- Client for showroom: Teknion Furniture
 - Needs an area to display their furniture for clients
- Owner of site: Real-Estate Developer
- Users of building: Business owners, designers, and consumers

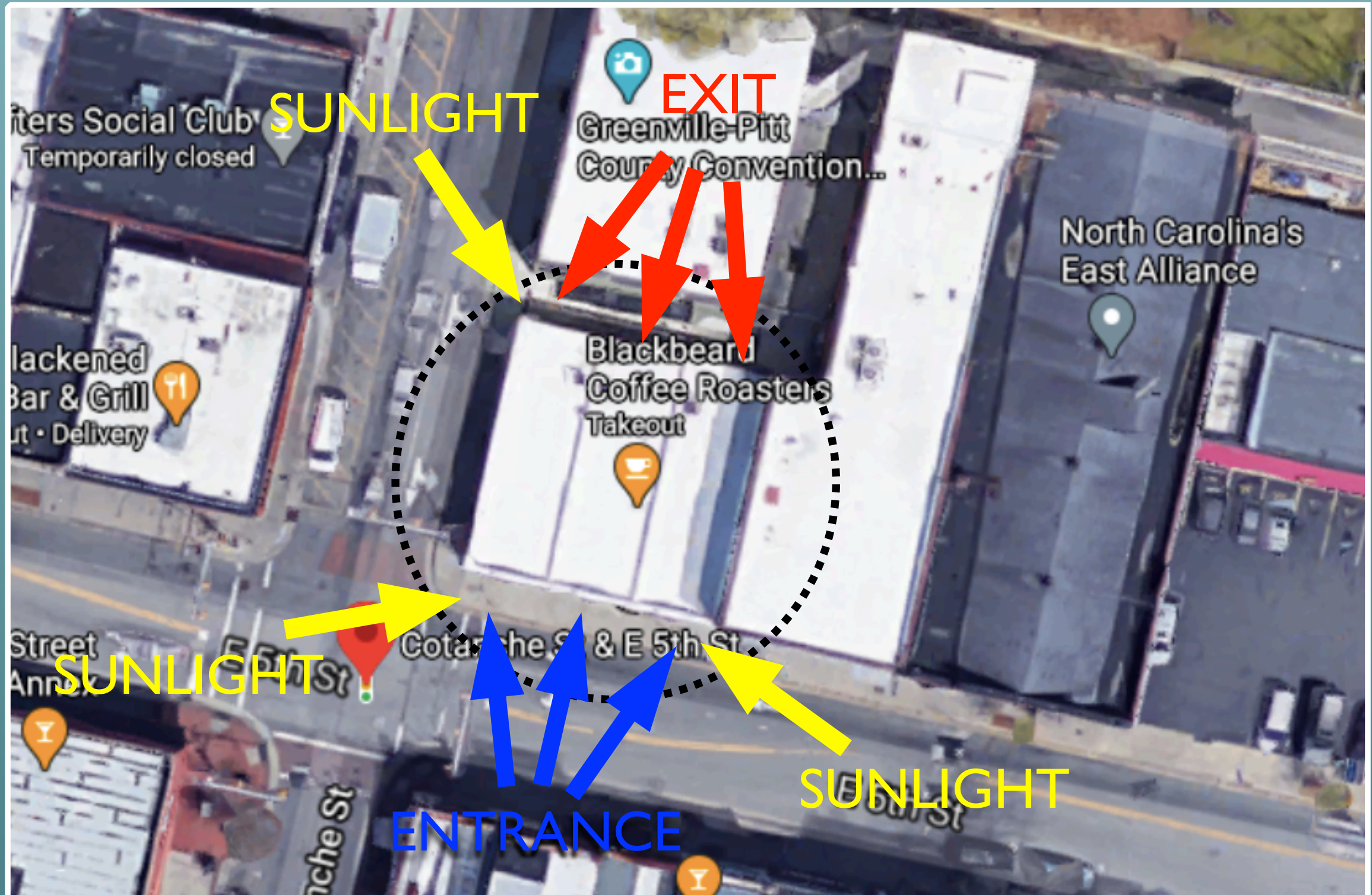
SITE PROFILE



- The location of this site is on the corner of E 5th Street and Cotanche Street in downtown Greenville, North Carolina.



SITE ANALYSIS



DESIGN PROBLEM STATEMENT

- Site: Around the site there is high traffic flow due to being center of downtown Greenville and not a lot of parking areas. There is not a lot of natural light coming in due to the lack of windows.
- Lighting: The products being displayed need to have high quality lighting so any light source that can pivot and move to place the light directly on what's being shown.
- Way-finding: The site needs an adequate amount of room for clients to walk around the area while also practicing social distancing. A clear path also needs to where the products are being shown.