

A photograph of a swampy forest with tall, thin trees and moss hanging from their branches, reflected in a calm body of water. The scene is serene and atmospheric, with a mix of green and brown tones.

# PORTFOLIO 1

ANDY VANG

# LEED

LEED IS A GREEN BUILDING RATING SYSTEM THAT HAS FOUR-TIER RATING LEVELS. THE FOUR LEVELS THAT CAN BE ACHIEVED ARE CERTIFIED, SILVER, GOLD, AND PLATINUM. WITH MORE POINTS, HIGHER REWARDS.



“WE ARE LIVING ON THIS PLANET AS IF WE HAD ANOTHER ONE TO GO TO.”  
– TERRY SWEARINGEN



# SUSTAINABLE BUILDING SYSTEMS

THE MAIN SUSTAINABLE SYSTEMS AND ACTIONS TO MAKE A BUILDING A SUSTAINABLE WOULD BE TO INCORPORATE THINGS LIKE SOLAR ENERGY, LESS CARBON EMISSIONS THROUGH TRANSPORTATION, MATERIAL EFFICIENCY, WATER EFFICIENCY, AND ENERGY EFFICIENCY.

# EMBODIED ENERGY

TRENDS FOR HISTORIC PRESERVATION IS EXPANDING. PRESERVATION WILL BE REDUCING WASTE, REPAIRING, REUSING, AND CONSERVING RESOURCES WHICH SAVE MONEY INSTEAD OF STARTING FROM SCRATCH IMPORTING MATERIALS. THESE ISSUES ARE BECOMING MORE AND MORE PROMINENT BECAUSE OF THE STATE OF OUR ECONOMY AND RESOURCES, SO MANY BUILDERS ARE LOOKING FOR NEW AND ALTERNATIVE WAYS TO KEEP HISTORIC BUILDINGS WHILE BEING SUSTAINABLE





# STAKEHOLDER PROFILE

OWNER: REAL ESTATE DEVELOPER

CLIENT: TEKNION

USER: INTERIOR DESIGN FIRMS, INTERIOR  
DESIGN FACILITIES MANAGEMENT,  
CONSUMERS, AND BUYERS

USE OF SPACE: SUSTAINABLE SHOWROOM  
FOR TEKNION

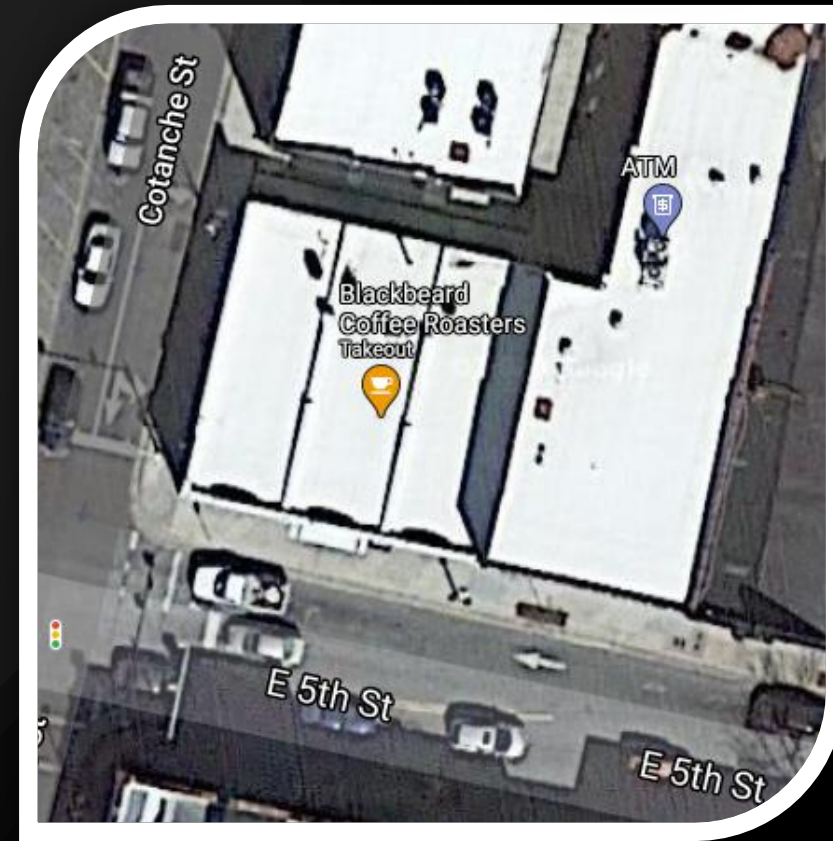
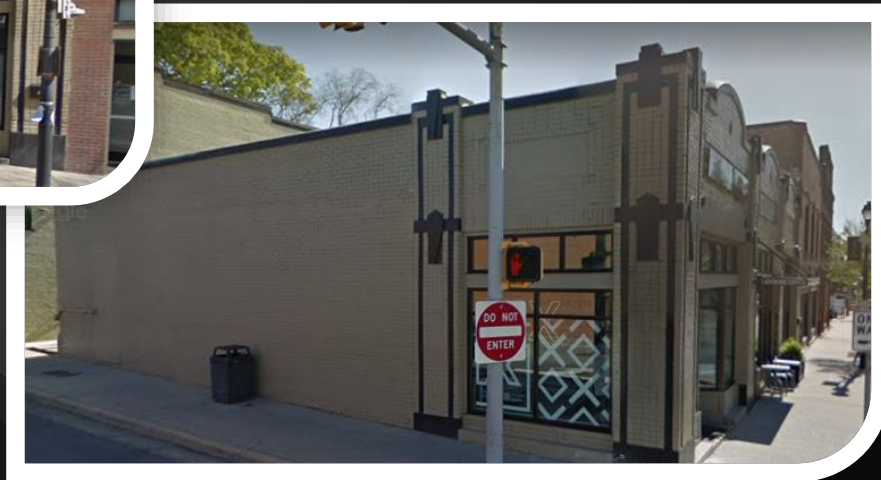


# SITE PROFILE

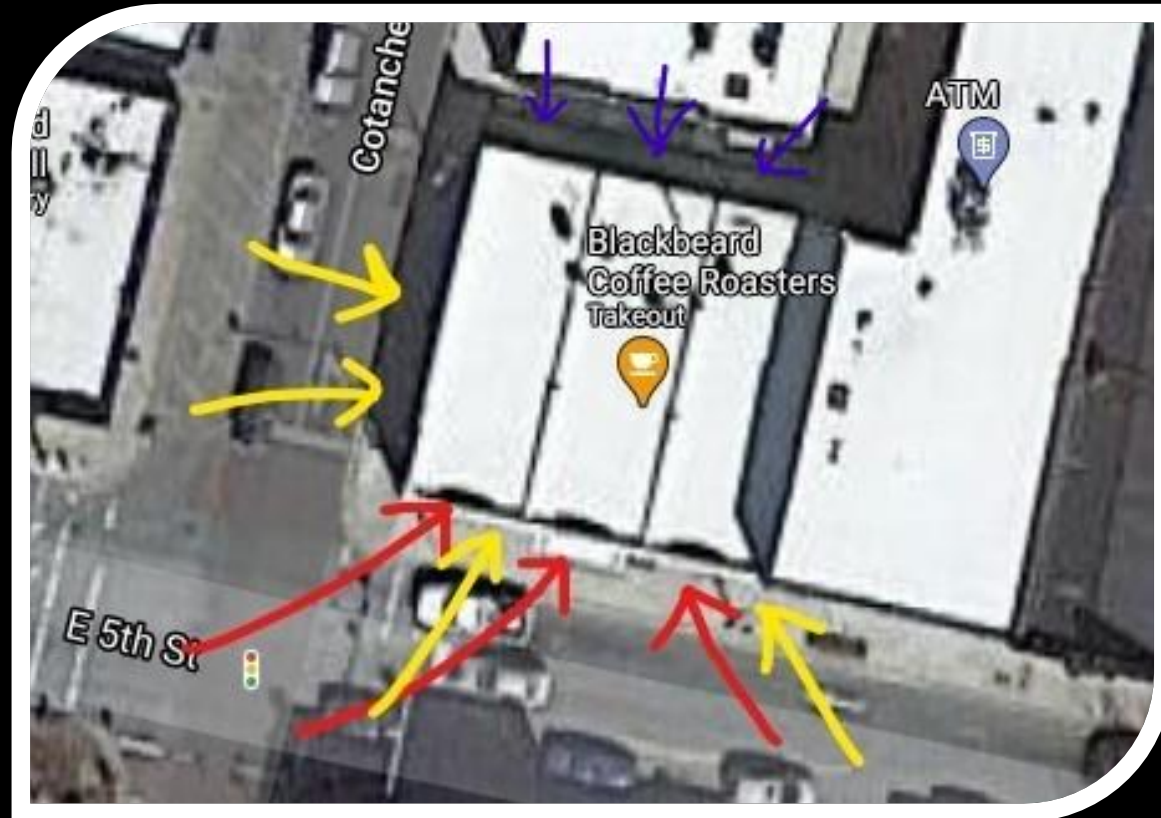


LOCATION:

203 E 5TH ST GREENVILLE, NC 27858



# SITE ANALYSIS



**RED:** ENTRANCE

**YELLOW:** SUNLIGHT (MAINLY AT THE FRONT OF THE BUILDING)

**BLUE :** EXIT

# DESIGN PROBLEM STATEMENT

- THE MAIN ISSUES WITH WHERE THE BUILDING IS THAT IT IS IN A HIGH TRAFFIC AREA. ALTHOUGH THIS WOULD MEAN GREAT BUSINESS IT WILL BE DIFFICULT TO FIND PARKING ESPECIALLY WITH THE SITE BEING RIGHT IN THE MIDDLE OF DOWNTOWN GREENVILLE.
- THE NATURAL LIGHTING IS MAINLY COMING THROUGH THE FRONT OF THE BUILDING AND A SMALL WINDOW ON THE SIDE, SO THE OBJECTIVE WOULD BE TO FIND OTHER SOURCES OF LIGHT THAT WOULD BE SUSTAINABLE AND LIGHT UP THE BACK END.
- WITH THE BUILDING HAVING THREE SECTIONS, THE WAYFINDING WILL BE A CHALLENGE TO TRY AND FIGURE OUT THE FLOW THROUGH EACH PORTION OF THE BUILDING.