Green Project
VISIONING DOCUMENT

A Project Of
AEDS Ammar Eloueini

A Collaboration With
THE TULANE CITY CENTER

And
THE GREEN PROJECT
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The Green Project

PROJECT
The Green Project provides salvaged building materials are accessible to the general public. It is part of a sustainable system of recycling, repairing and repurposing of older and discarded building materials to help reduce landfill and other waste problems.

The project offers classroom spaces to educate and provide information to the community on how to recycle and repurpose various materials. Entertainment space is included in the building program for the purpose of larger community activities.

LOCATION
Half acre lot on Press Street and Marais Street, in the existing Green Project warehouse. It is 1 block North of an anticipated streetcar stop along St. Claude Avenue along an active railroad track.

PARTNERS
The Green Project, Tulane City Center, AEDS Ammar Eloueini

GOALS of RENOVATION
- More organized storage space and more efficient storing routes
- Increased visibility between programmed spaces
- Optimized usage of building space to accommodate different programs and maintain spatial comforts
- More visible and activated presence of entry
EXISTING CONDITIONS overall
OVERALL
The existing structure was previously a warehouse and was repurposed for the operation of the Green Project.

In the course of collecting, storing and selling reclaimed materials without an effective system, the ground floor sale space is not organized as a pleasant or optimally functional space. In addition, a distinction between sale area and storage area is missing as result of limited usable storage floor space.

Overall, the increase of program and customers call for a better designed, more open and more welcoming building complex.
EXISTING CONDITIONS__site and 1st floor

ACCESS
The main public access to the building is a single door along Marais street without a clear expression of the entry way (see Entrance 1). The secondary public access is a garage door on the west side of the building, behind a cluster of reclaimed materials (see Entrance 2). This entrance leads into the sale area and the cashier on the right.

DISPLAY
The furniture pieces are in poor condition, and not optimally functional, inconducive to being versatile or being subtle backdrops for displayed merchandise.

CIRCULATION
Circulation is constrained by the existing partition walls and illogical layout of shelving furniture.

LIGHTING
Artificial illumination provides adequate visibility, however no natural light is permitted within the space.
1st FLOOR PLAN

Entrance 1

Entrance 2
**EXISTING CONDITIONS** _2nd floor_

2ND FLOOR

The 2nd floor space is mainly designated as classrooms, administration offices and a limited amount of storage. Due to only two flights of stairs connecting the 1st floor and 2nd floors, one of which is a set of outdoor emergency stairs, the majority of reclaimed materials are stored and sorted on the 1st floor exclusively. This leaves the 2nd floor isolated from the sorting process.

The opaque partitions on the 2nd floor cut off connections between rooms both physically and visually, leaving the entire 2nd floor a poorly illuminated and unpleasant space.
DESIGN CONCEPT
OVERALL
This comprehensive reconsideration and redesign of the space reorganizes the building for greater efficiency with the maximum cost to quality of improvement. The proposal creates greater visibility between spaces on the ground floor, creating a more expressed and spacious entrance to the main floor space that connects with the Press Street entrance - convenient to the anticipated streetcar stop. The design takes an approach of opening up the warehouse building to create a more inviting space, while organizing and efficiently condensing storage for merchandise.

MAIN ACCESS
Anticipating the Loyola Streetcar Route, the project provides an entrance way that brands the building and creates a glowing beacon with new, contemporary materials and technology application in standing out in the community at a minimal cost. Taking advantage of advanced digitally fabricated translucent panels with faceted connections, it creates a translucent facade that allows for light to penetrate into the deep space. The back-lit facade design is a glowing symbol of the Green Project at night, visible from the streetcar line, which adds compelling formal pattern to the main public access way.

FIRST FLOOR
To relieve and organize the ground floor, dedicated on-the-fly storage space for incoming goods will be on the second floor, conveniently accessible via two service elevators. Adjacent to this dynamic temporary storage will be a space for more long term and compressed storage of these goods. The addition of two, double-entry elevators in the mostly maintained service core of the building will allow for these spaces to be accessed from both the main merchandise area on the first floor and from the outdoor unloading area.

SECOND FLOOR
Opening up the second floor spaces to windows and light is crucial in making this a comfortable public area. The reactivation of classrooms and a multi-use entertainment space would take benefit from eliminating the interior windowless partition area central to the space and having a clear, versatile division between this public program and the proposed storage area both occupying the second floor.

EXTERIOR
The exterior has a optimized unloading area for goods and has convenient access to the service elevators, paint area, and main floor space. The addition of a versatile outdoor rain garden allows for plantings, storage for goods, and the potential to be used as an outdoor social classroom space.
EXTERIOR__day
The translucent doors rotate to activate the East Facade of the building during business hours. This optimizes public access to the merchandise area while allowing natural light to illuminate the interior.
The closed translucent doors are illuminated from inside at night. Viewed from the street, these glowing pieces in the East facade playfully create a sculptural beacon of light.
The current service core is maintained but optimized and made more functional. Elevators are added open to both the loading area and internal shipment processing space. The paint prep room has been opened up by a glass wall on its north side. Retail space shelving units are designed to be angled 45 degrees and double sided to optimize display space and enhance fluid circulation.
The 2nd floor splits public and storage program. Both are connected by double swing doors that rotate 270 degrees. The connectivity between public and private is determined by the position of the doors (see Page 29). The main public access to the 2nd floor is the double-height entry located at the south-east corner of the building.
PUBLIC PROGRAM LAYOUT
A double-height entry space along Marais Street leads into the main retail space on the ground level and up to the public area on the second floor containing classrooms and a flexible entertainment space.
The ground floor has direct access to the storage elevators from the outside, in addition to the main retail space, the outdoor storage awning, and the paint area.
The backlit doors of the East facade have faceted translucent pieces with flat panels on the interior of the store. Minimal aluminum structure adds strength while being hand-operable.
The service elevators lead into the dynamic storage space connected to the longer term storage space through the hallway divided by operable doors. This storage route is most efficient in Position 1, and blocked in Position 2 to maximize public access to service area.
The position of the operable doors determine the accessibility between the public and the service as well as programmed rooms.
OUTDOOR PROGRAM
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CLIENT

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TARGET USERS

Community residents
Local builders
Local educators
Streetcar users