

BOSEMAN RESIDENCE

CONCEPT: "A HOLISTIC EXPRESSWAY TO AN EFFICIENT HOUSEHOLD"



THE SUSTAINABILITY FACTOR:

SUSTAINABILITY DEFINED:

"avoidance of the depletion of natural resources in order to maintain an ecological balance."

Since the key factor to enacting the home's concept revolved around it's sustainability, it was imperative that proper research was done. With other requirements, such as being a multi-generational home, and COVID-19 adaptable, the home had to be practical as well as sustainable.

For the Boseman's residence, each and every piece of furniture, material, fixtures, and equipment was chosen with sustainability and practicality in mind. Every item is either sustainable in itself, meaning it was created with sustainable, reused, or recycled materials, or is energy efficient; or, it was created by a company that practices sustainable guidelines, or both!



SUSTAINABLE MATERIALS



ENERGY-EFFICIENT



COMPOSTING CENTER

THE SUSTAINABILITY PLAN:

In order to consciously build an environmentally friendly sustainable designs, there are certain key considerations that will be implemented into the built environment.

-Use sustainable materials or vendors that have an environmentally conscious mission statement that can be seen in their production.

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-The South wall of the home will have a long facing exterior without many jets and niches in order to maximize daylight without heat.

-Recycling bins will be installed in the kitchen, making it easy for the client. A recycling center will be installed directly outside of the dining room, providing storage for those recycled items once the bin is full, while being conveniently located for the family.

-A composting center will also be installed for the family to provide an area to compost leftovers, including leftovers from the gardening area.

-The home will use energy efficient appliances and lighting solutions.

-No/ low VOC paint will be used throughout the home to reduce toxins in the home and environment.

-Photovoltaic (Solar) Panels will be installed inconspicuously and with finesse to provide a balance in energy that the home uses and produces.

-A rain barrel will be used to collect rain that will allow recycled water to be used to water plants.



PHOTO-VOLTAIC PANELS



SOUTH FACING WALL



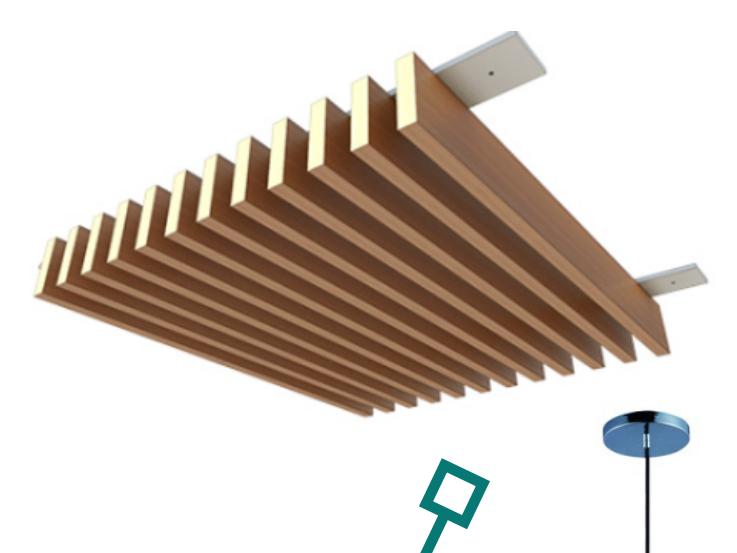
SUSTAINABLE FURNITURE



RECYCLING CENTER/ WATER HARVESTING

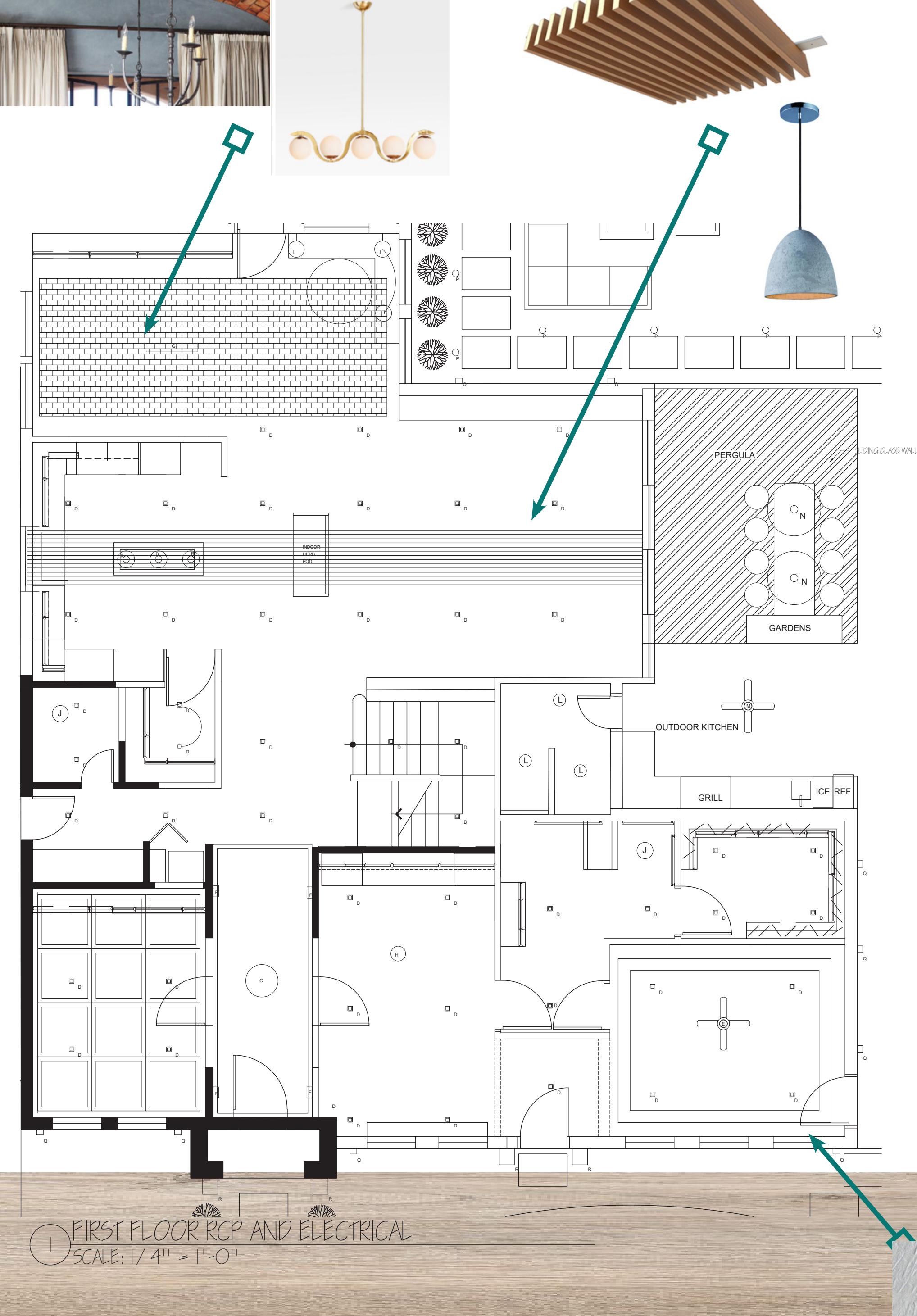


LOW VOC PAINT

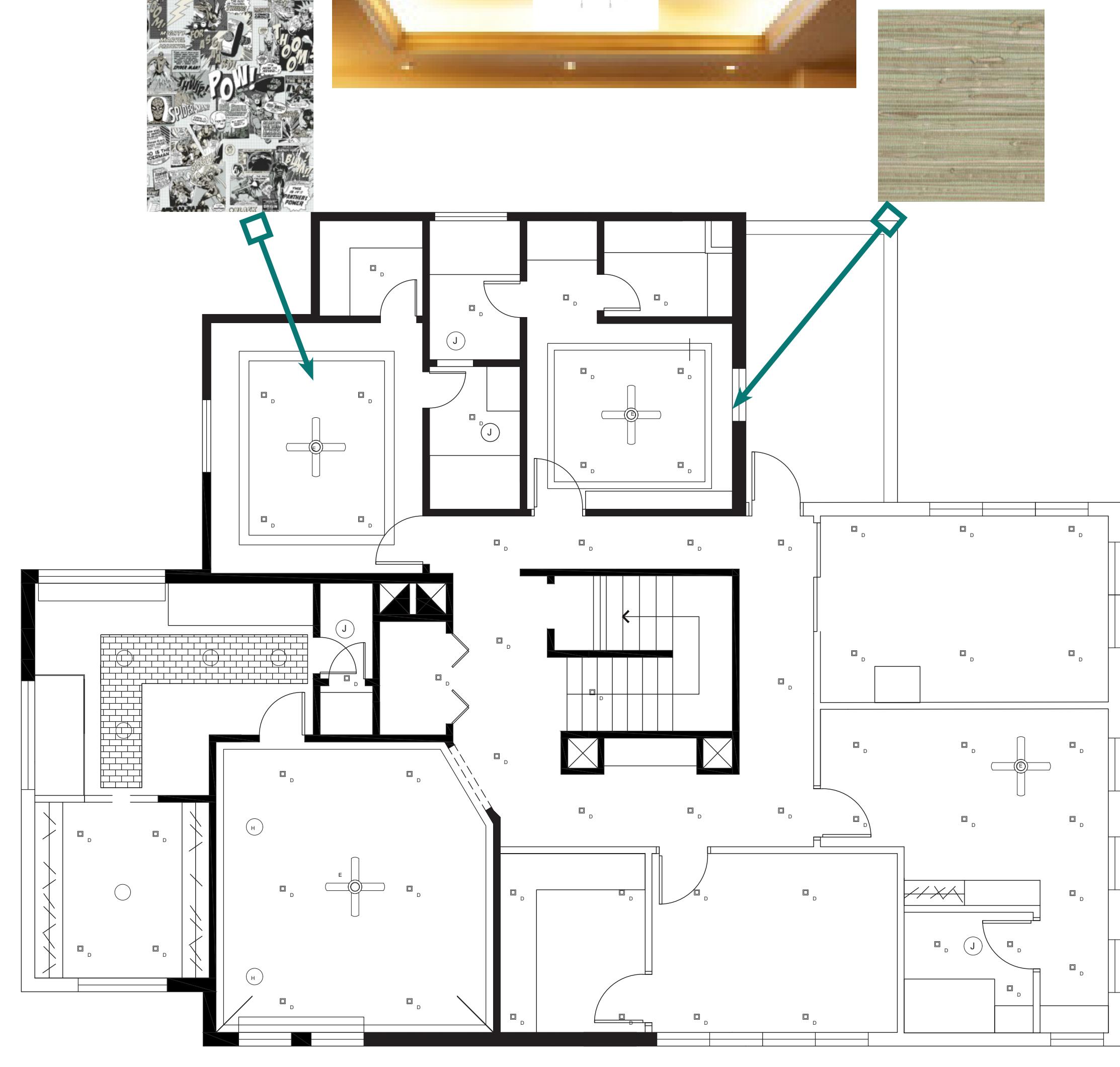


THE REFLECTED CEILING PLAN AND LIGHTING FIXTURES:

All lighting is led and sustainably sourced. interesting ceiling features create interest and warmth throughout the spaces. One key feature is the recycled wood baffles that span the length of the "Public" spaces, from the kitchen window, leading out and ending at the expandable window wall- subtly drawing your eye to the outdoors.



1 FIRST FLOOR RCP AND ELECTRICAL
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR RCP AND ELECTRICAL
SCALE: 1/4" = 1'-0"

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HIGHLIGHTED KEY AREAS: KITCHEN

Highly important to the design of this home were a few featured areas of importance. First, the kitchen is commonly referred to as the "heart of the home". In the Boseman's Residence, the kitchen is in the center of the open concept common areas of the home, surrounded by the living room, breakfast area, and dining room. With the Multi-generational home, it was imperative that these spaces were able to comfortably accomadate this large family.



HIGHLIGHTED KEY AREAS: IN-LAW ADA-ACCESSIBLE SUITE

lie moving in with the family, they needed to feel like they had their own space. Their space includes a private entrance, living and dining area, kitchenette, bathroom, large closet, and bedroom. All of these spaces were designed with wheelchair accessibility in mind, as the senior Boseman's climb up in years, they will still be able to have full use of their space. Here, they can enter and entertain separately if desired, without bothering the rest of the family, they maintain their privacy.

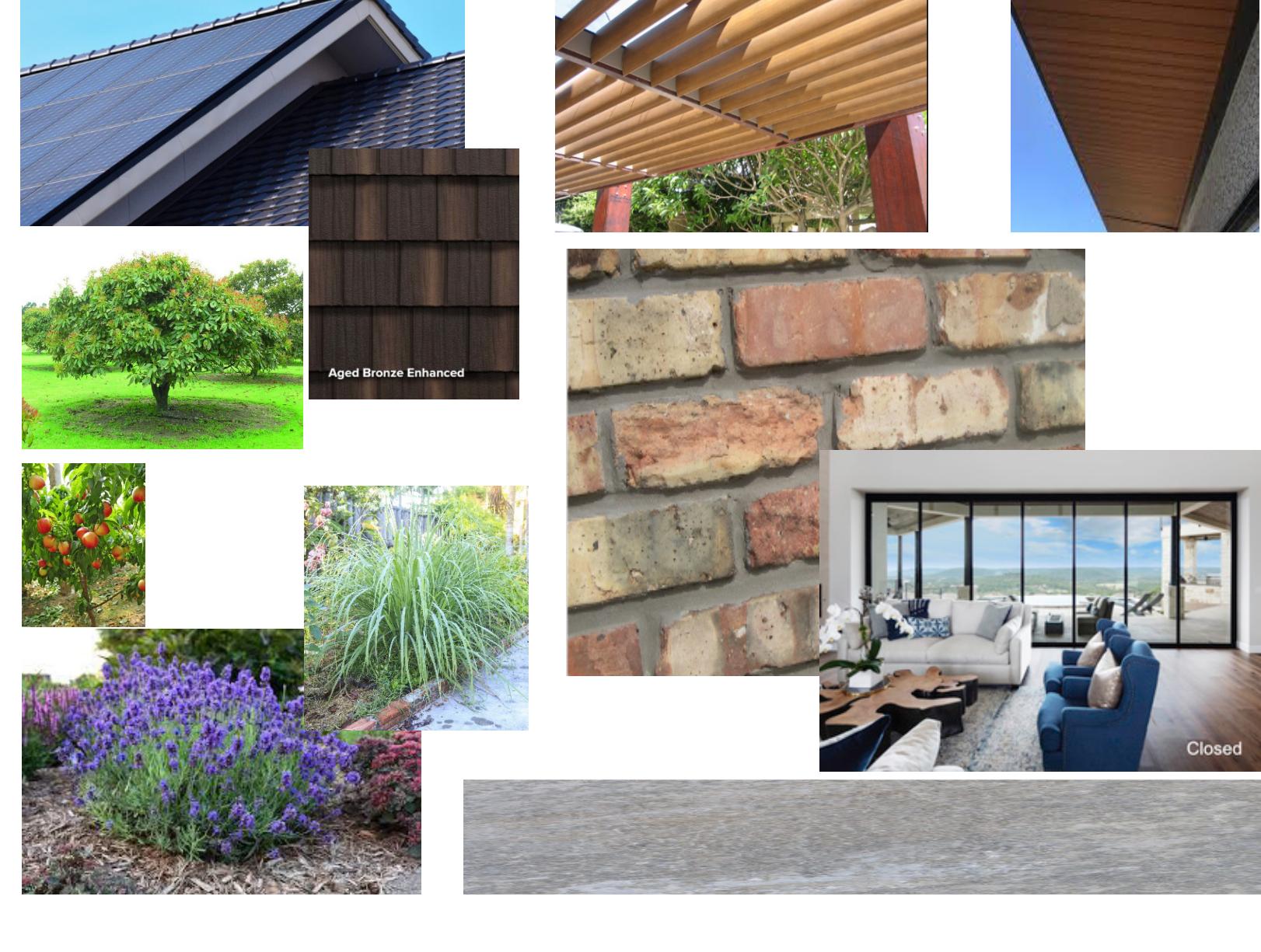


IN-LAW SUITE MATERIALS, FURNITURE, FIXTURES, AND EQUIPMENT



HIGHLIGHTED KEY AREAS: OUTDOOR LIVING

Lastly, since the outdoors is such a key component of the Boseman's livelihood, it was necessary to bring the outdoors in, and the indoors out. Their outdoor living area and kitchen, connected to the house by an expandable window wall, makes it seamless to move throughout the indoor and outdoor spaces. With plenty of room to cook, dine, lounge, garden, swim, and play, they don't have to leave the outdoors unless they want.



EXTERIOR LANDSCAPE, MATERIALS, FIXTURES, AND EQUIPMENT

