



Woven Warriors

Woven in War, Woven in Healing



Allied Design: Interiors, Fall 2015
Project by: Hannah Tawney



The scope of this healthcare project is to create a healing environment for wounded warriors. It is a 26,000 square feet space that is housed in a 90,000 existing facility. This medical facility will be a combination of healing and wellness, including a physicians practice, mental health, and therapy. These spaces will be functional for patients, staff, and family members.

Patient Profile



The main users of the space are wounded warriors. If they come to this facility, they have been affected by a war in some way. Either they have lost mobility, and are amputees. They could suffer from PTSD or be sensitive to noises.

INTERWOVEN

Just as the many pieces of nature are singular and then **weave** together to form our world; the separate pieces of this medical facility will weave together to encourage patients to join one community and **intermingle** with each other. This medical facility will interweave cultures, activities, materials, and spaces. Veterans of different ages and cultures can tell their stories, share spaces with family, or learn new activities. Old and new materials will be interwoven to reflect the variance of patients in the building. This will be achieved by opening public spaces throughout the building and having them **connected** with views to each other. The spaces will be activated by soft flowing forms in some areas, tall airy areas, or harsh enclosed areas – relating to the different zones of nature. Veterans will have the choice of attending spaces that have different levels of **energies** or moods. Physical therapy will encourage growth in patients and staff by having expansive ceilings and active spaces. Mental health will exhibit relaxation with flowing forms and lower intimate ceiling heights. Education will nourish patients by creating communication zones with low ceiling heights.

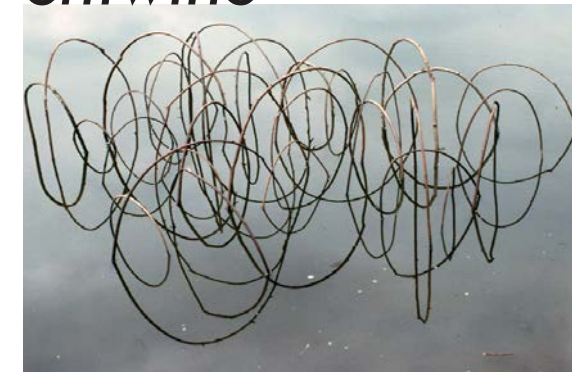
mingle



connect



entwine



Concept



Topic: Access to Daylight → Reduce Patient Stress

Goal / Issue: The average goal is to give all patients access to daylight at some point in their time at the outpatient clinic, so their stress is reduced. The supreme goal is to have access to daylight in the majority of the public rooms in the outpatient facility. The issue with this is privacy. Our site location is in an exposed area, with busy surroundings that include other buildings and people. If the access to daylight is exposing people within the clinic, it could increase their stress levels, instead of decreasing stress levels. Another issue with this is the patients' independence. Some patients may not want to be exposed to the daylight at all or for long periods of time.

Key Design Issue: Giving access to daylight in all situations

Research Question: Does access to daylight reduce the stress of patients?

Approach to Design: If views are unwanted, or the spaces inside are private, the sill height of the windows could be raised up; people cannot see in or out, but daylight is still entering the building. The patients' independence can be addressed with window screening or shading options. The windows should be able to be covered if a patient is experiencing unwanted exposure to daylight.

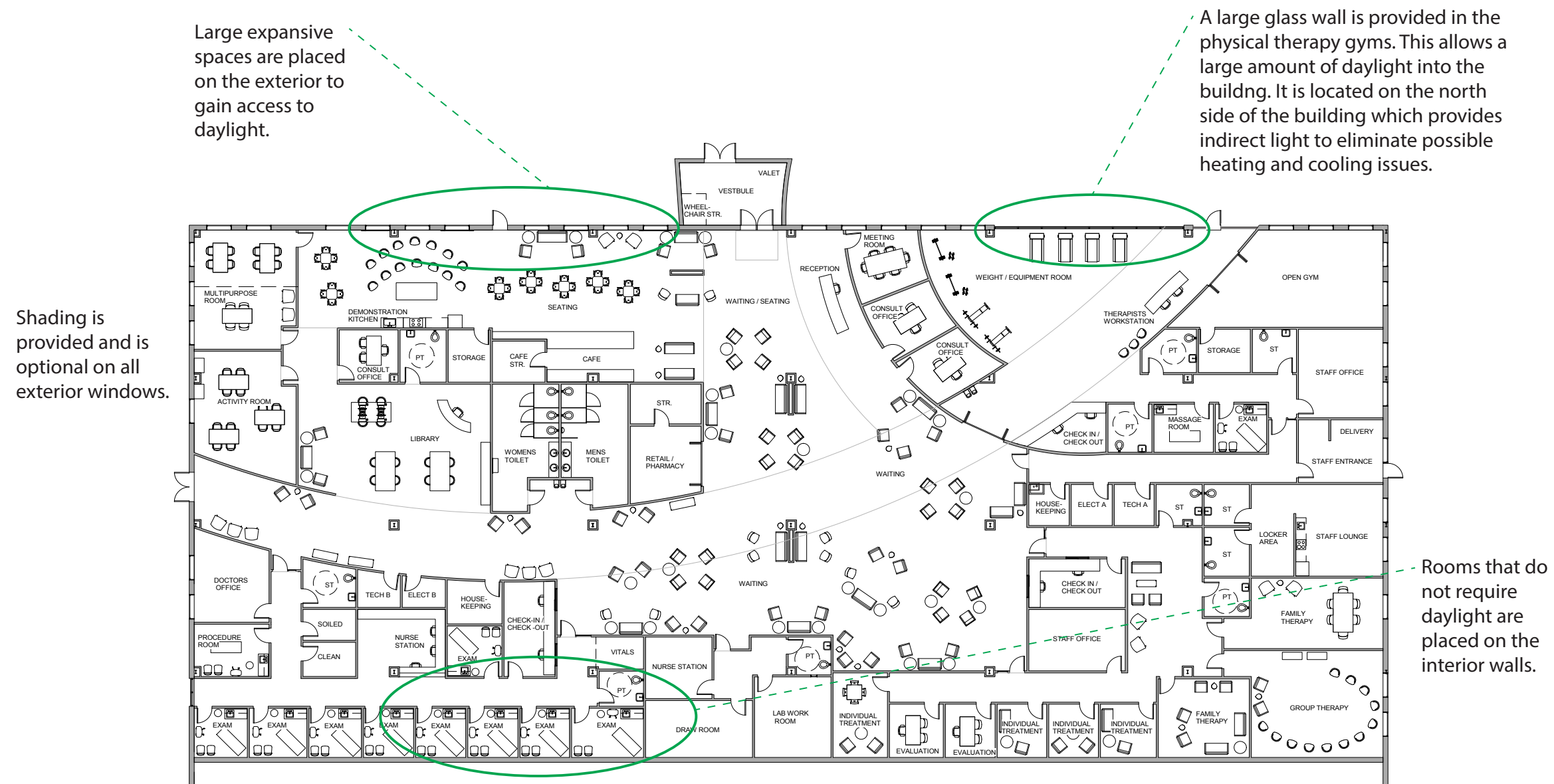


Evidence Based Design

Concept: To protect patient independence and in turn, reduce their stress, window shading will be provided on all exposed windows. In public areas, where patients could be for extended periods of time, daylight will be provided. Research proves that natural light has many benefits to reducing stress and depression of patients.

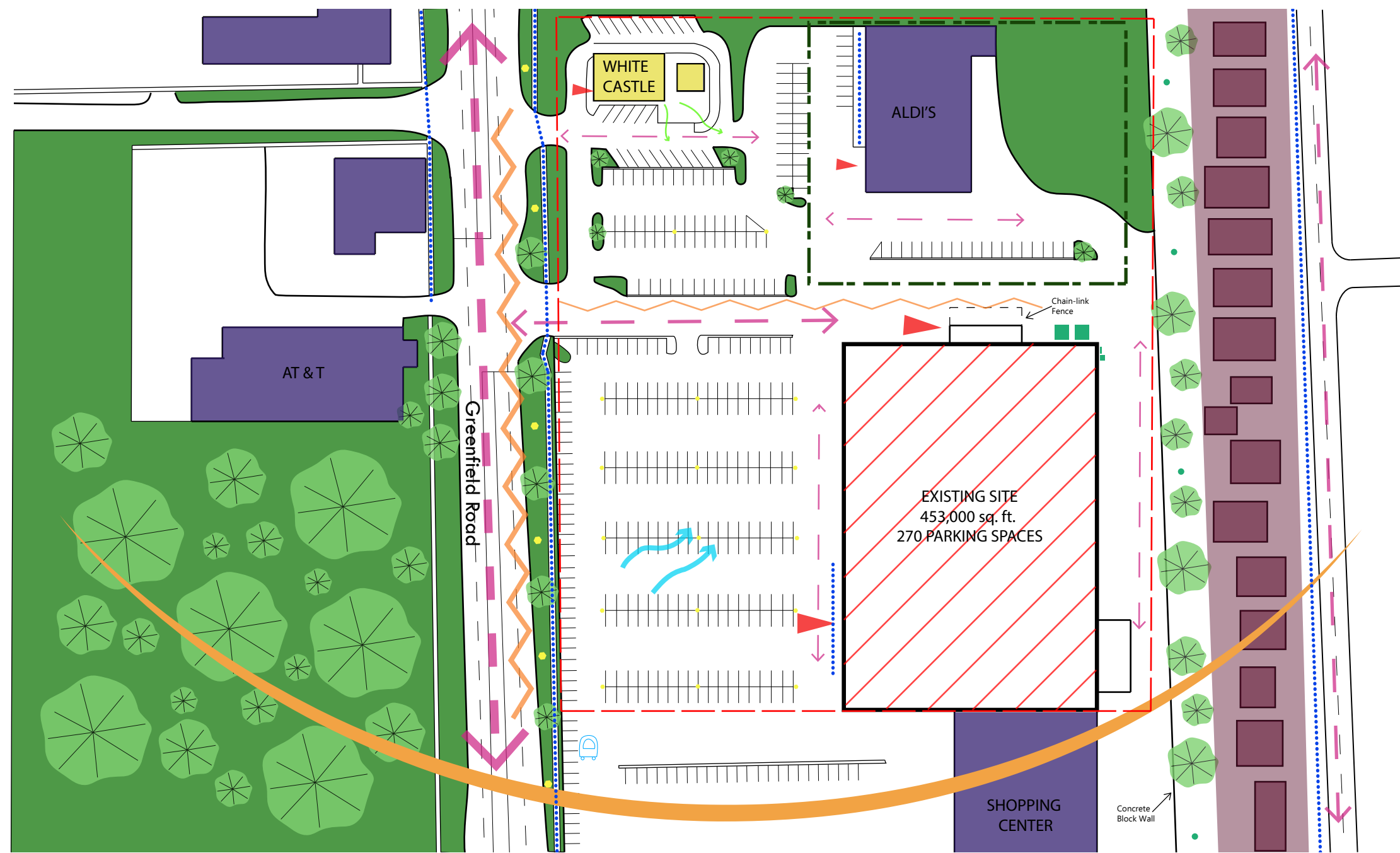
Hypothesis: Providing daylight to all patients will reduce their stress. Research proves that indirect light is more beneficial to the patients and the to building than direct sunlight. Locating windows and glass walls on the north side of the building is advantageous in all aspects.

Application of Research and Hypothesis:



Evidence Based Design Application

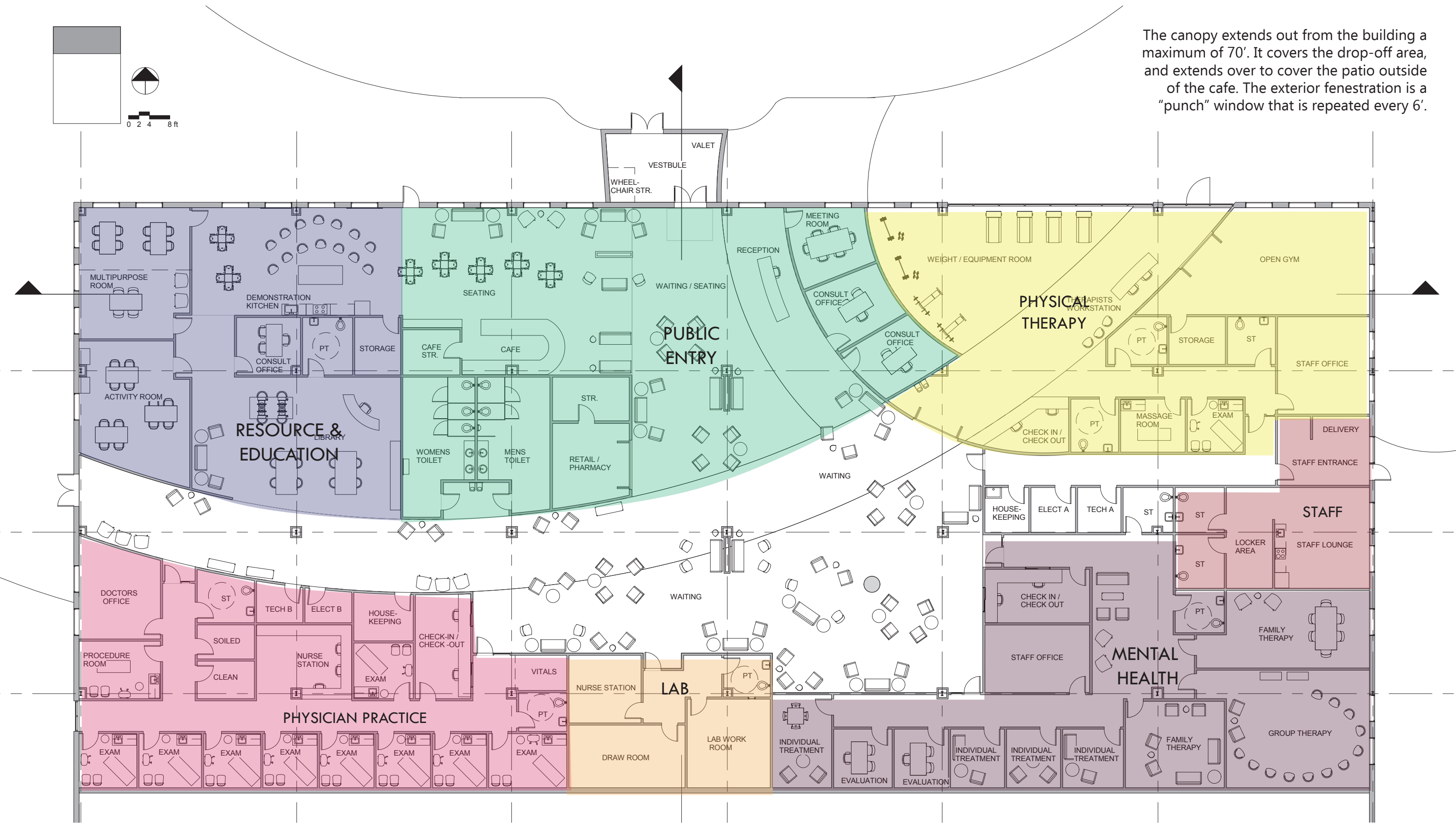
- Key**
- Commercial
 - Restaurant
 - Utilities
 - Residential
 - Odors
 - Wind Direction
 - Noise
 - Vehicle Circulation
 - Pedestrian Circulation
 - Site Boundries
 - Sun Path
 - Lamp Posts
 - Entrances
 - Bus Stop
 - Potential Healing Garden



WM Site Analysis



The canopy extends out from the building a maximum of 70'. It covers the drop-off area, and extends over to cover the patio outside of the cafe. The exterior fenestration is a "punch" window that is repeated every 6'.



Departmental Floor Plan







WM Healing Garden



Healing Garden



NOTE: ALL 2X2 GRID CEILINGS ARE AT 8' - 6"

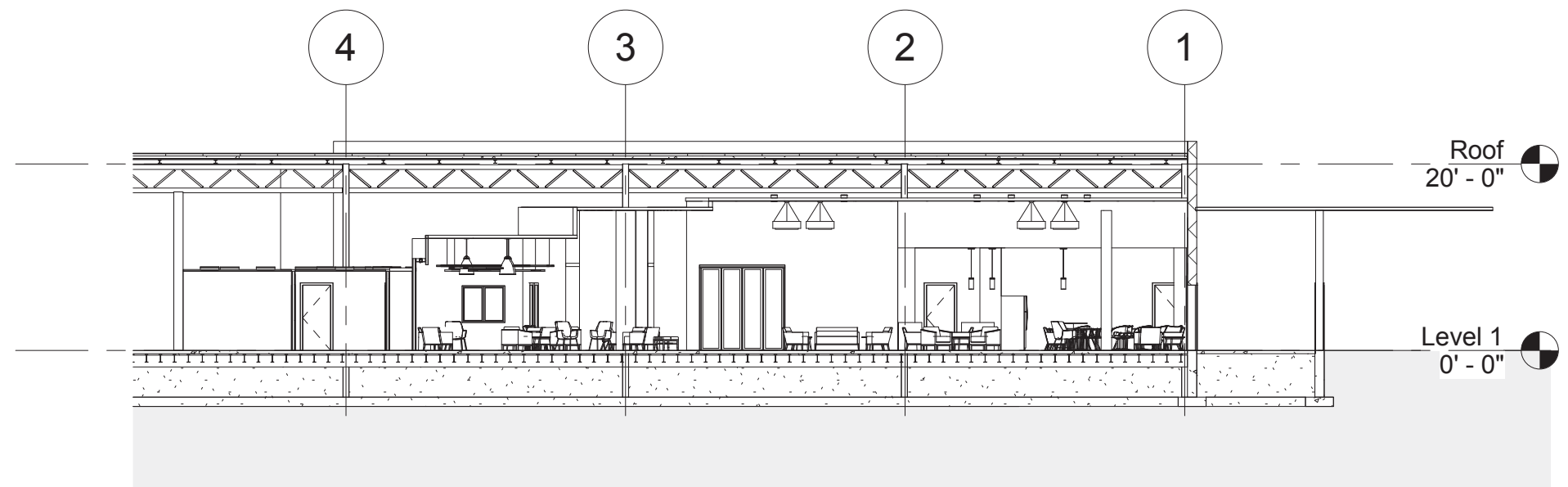


WM Reflected Ceiling Plan

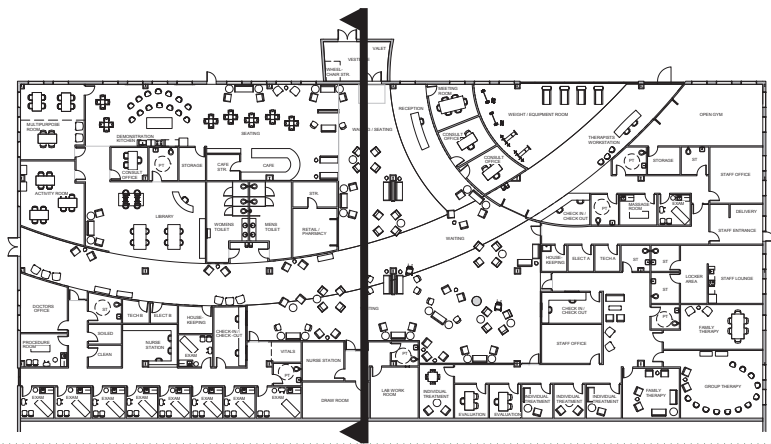


Lighting

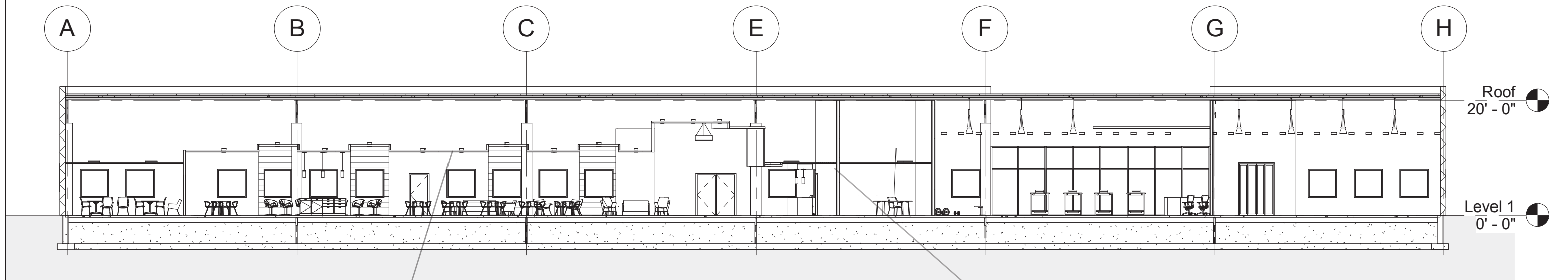




SECTION A

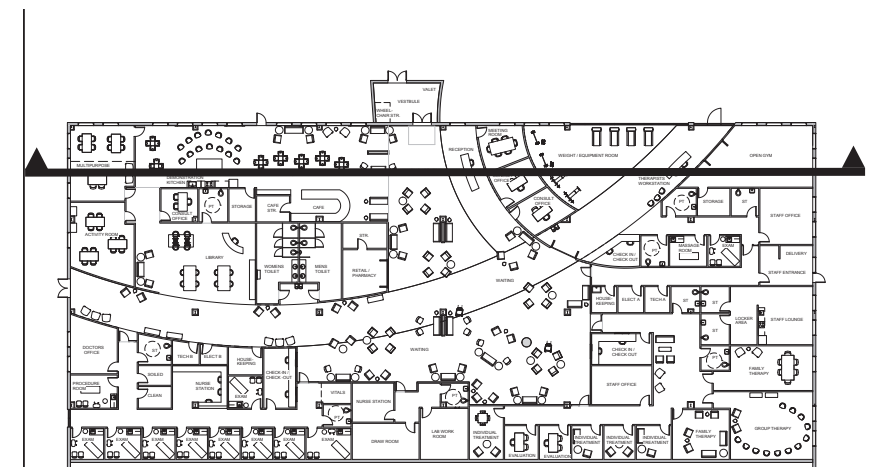


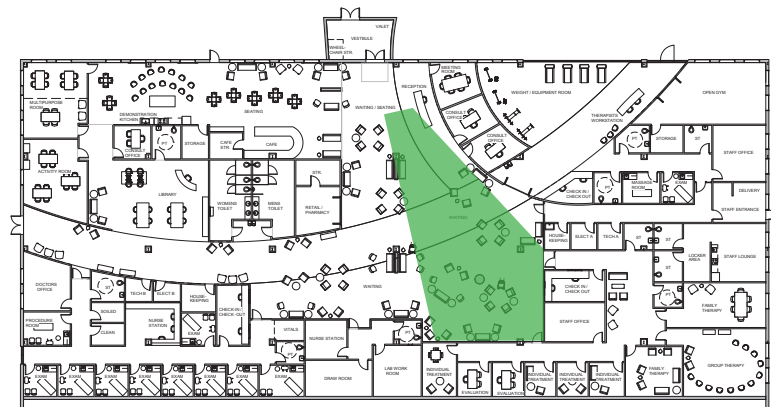
Section



SECTION B

Section

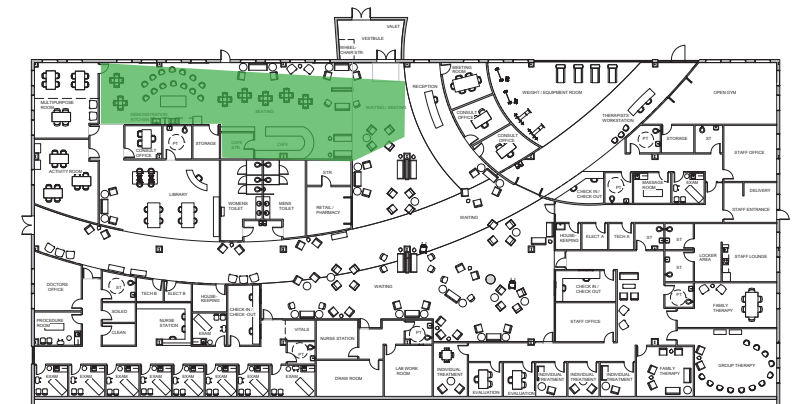


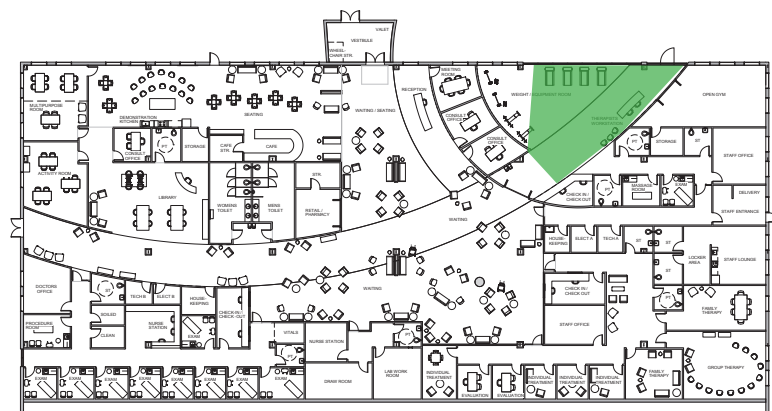


Three Dimensional Drawing

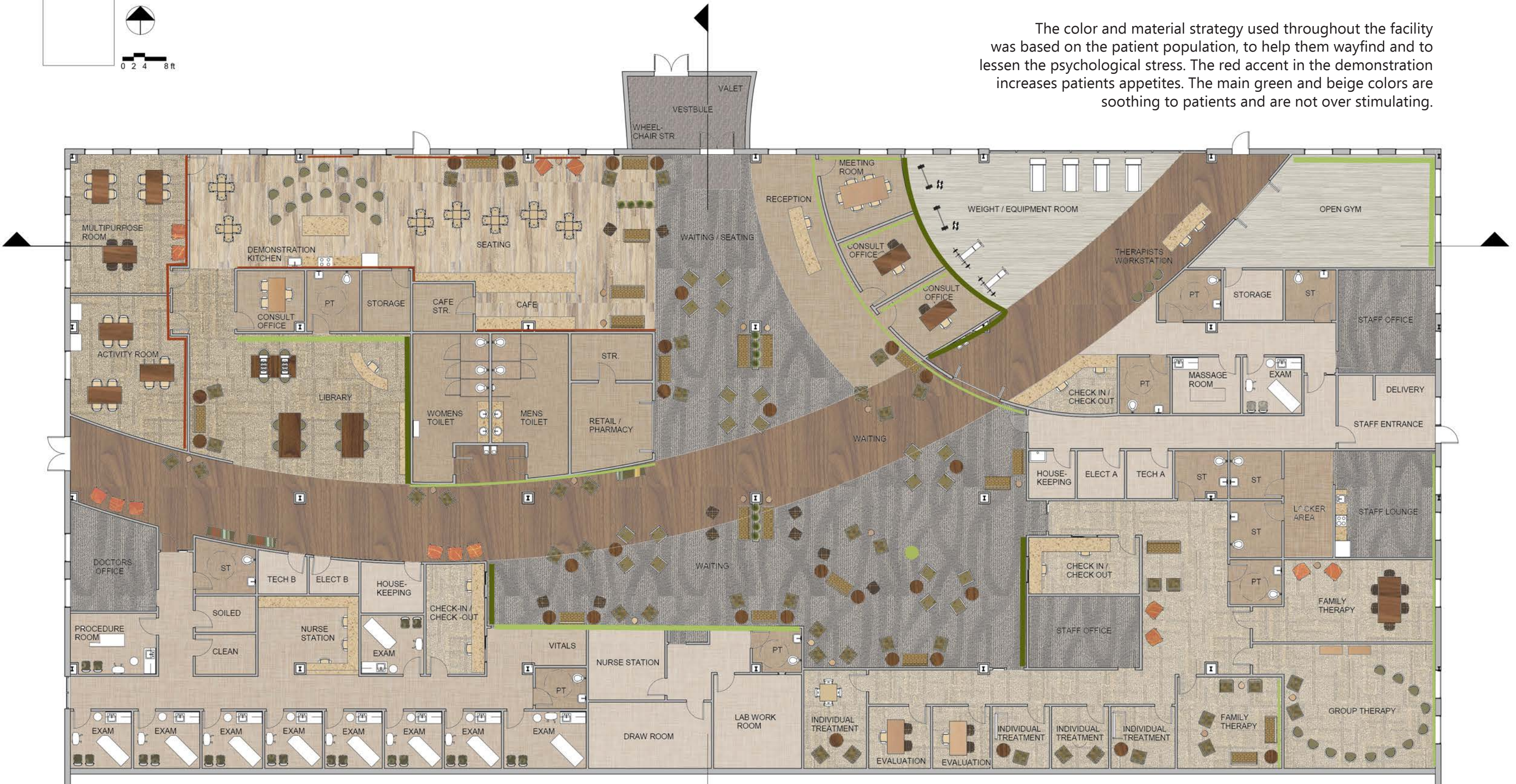


Three Dimensional Drawing





Three Dimensional Drawing



Rendered Floor Plan



Woven Warriors

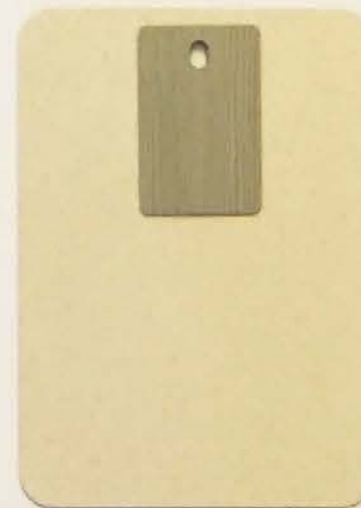
Main Color Palette



Paint Colors



Ceiling



Laminate



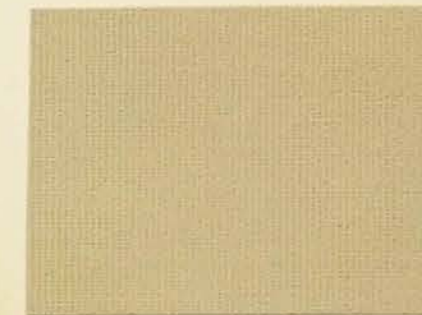
Countertop



Hardware



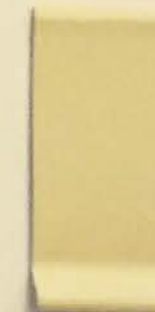
Millwork / Doors



Window Covering



Wall Protector



Wall Base



Resilient Flooring



Hard Surface Flooring



Carpet



Walk-Off Mat

Material Board

Waiting Areas / Mental Health



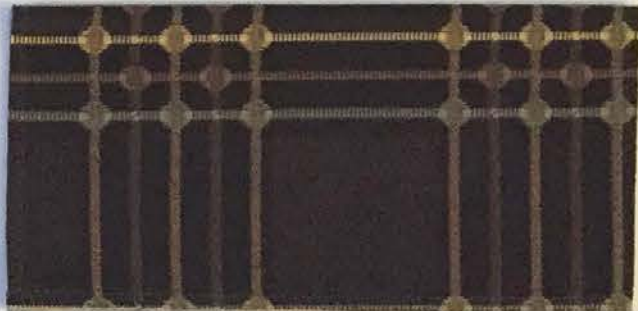
Lounge Chair



Upholstery



Lounge Table & Chair



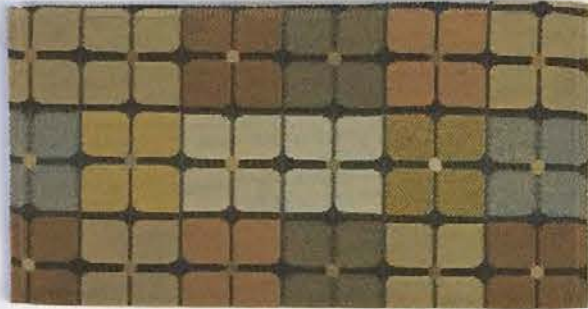
Upholstery



Upholstery



Lounge Sofa



Upholstery



Lounge Chair & Table



Toilet Room Tile



Upholstery



Planter



Trash Bin



Task Lamp



Lounge Bench



Magazine Rack

Material Board



Resource & Education



Guest Chair



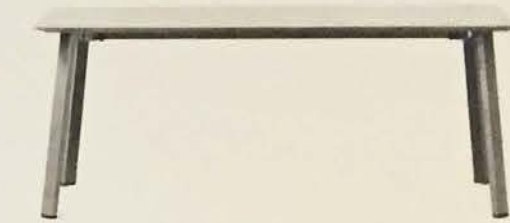
Upholstery



Accent Paint Color



Task Chair



Conference Table



Public Workstation



Lounge Seating



Upholstery



Multipurpose Table



Task Chair Mesh



Carpet



Hard Surface Flooring



Cafe Furniture



Waste Receptacle



Upholstery



Physical Therapy



Ceiling



Accent Paint Color



Guest Chair



Upholstery



Hard Surface Flooring

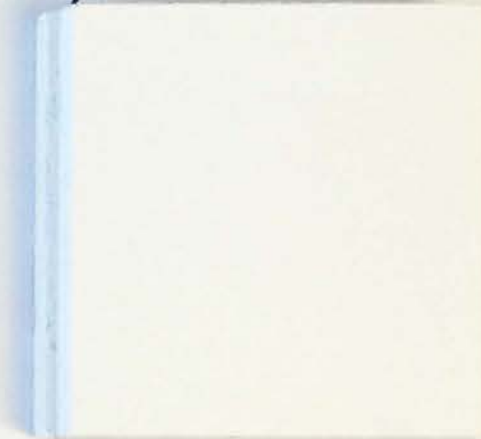


Resilient Flooring

Physician's Practice



Accent Paint Color



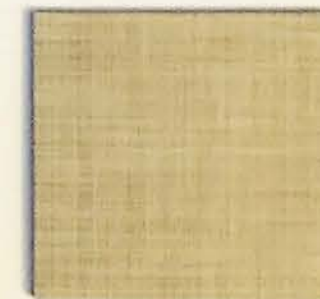
Ceiling Tile



Upholstery



Privacy Curtains



Resilient Flooring

Material Board

1. Nature Panorama: an image of the top of hills will encourage patients to rise up and nurture their health.



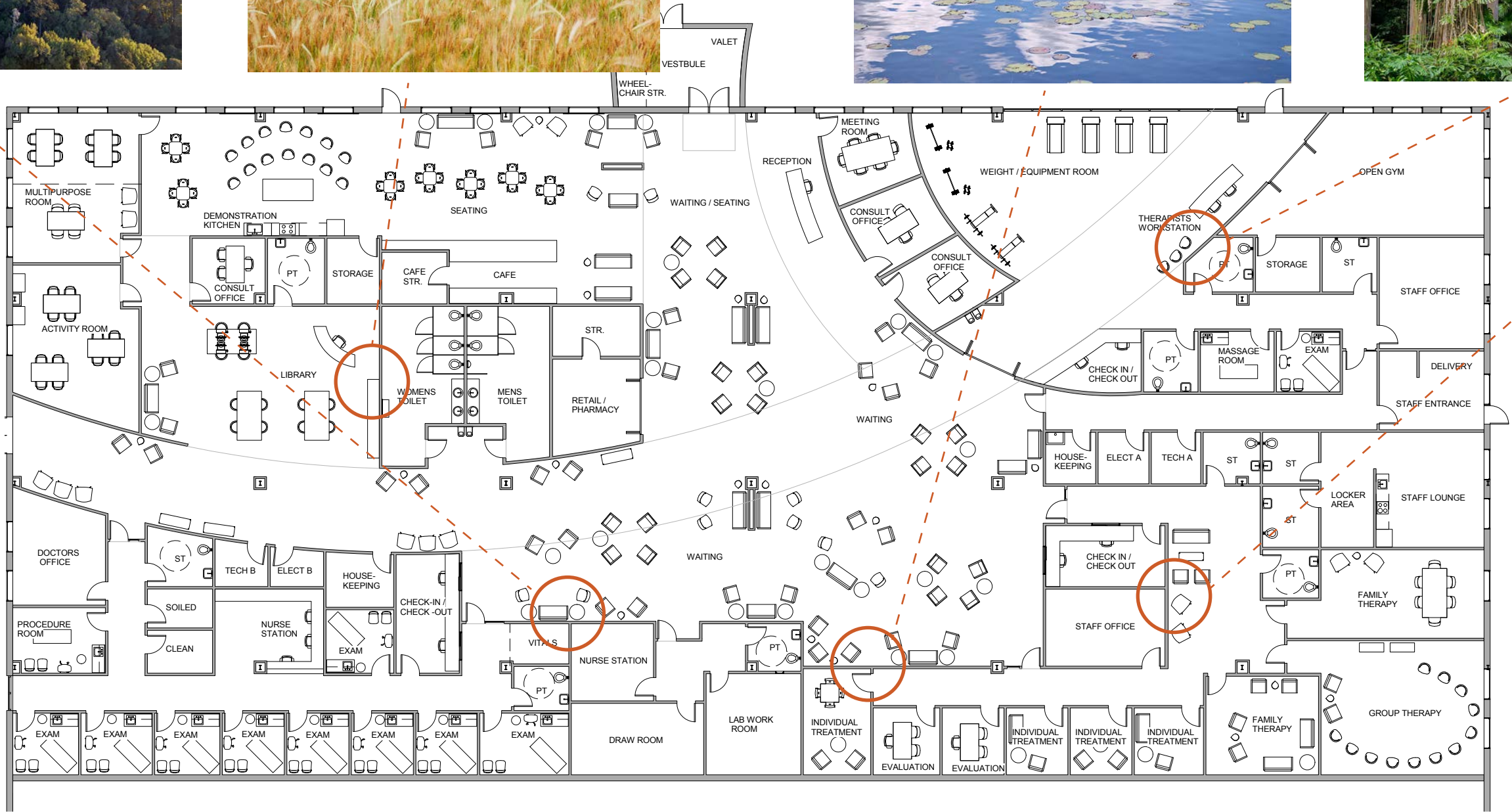
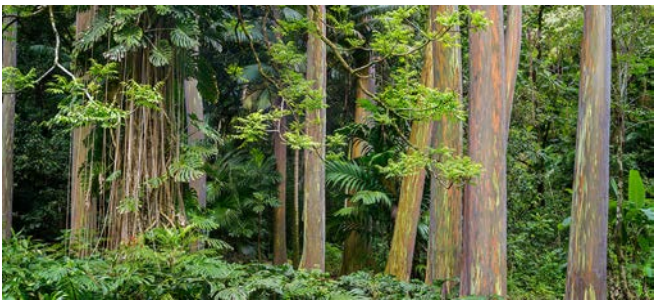
2. Nature Panorama: an image of what grass will encourage patients to use the outdoor garden and demonstration kitchen to nurish their body.



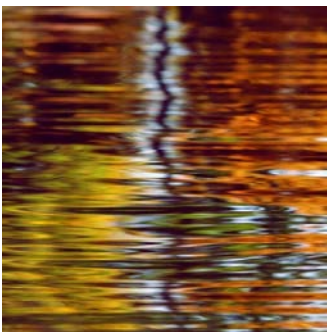
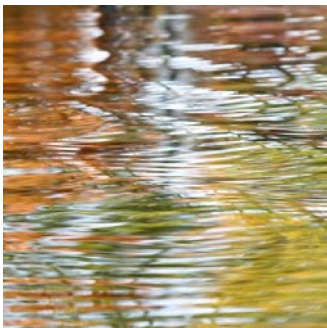
3. Nature Panorama: an image of water will help relax and calm patients with PTSD.



4. Nature Panorama: an image of trees will encourage veterens to continue their physical growth.



5. Water Image: more complex water images provided in corridors for people to pass by and not thoughfully consider.



6. Garden Sculpture to add a landmark when they are driving in.



8. Hanging feature at the end of the main corridor to give the eye a point of pause.



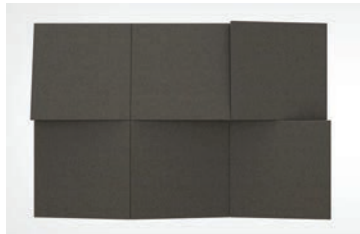
7. American flag to remind veterans of the country they were fighting for.



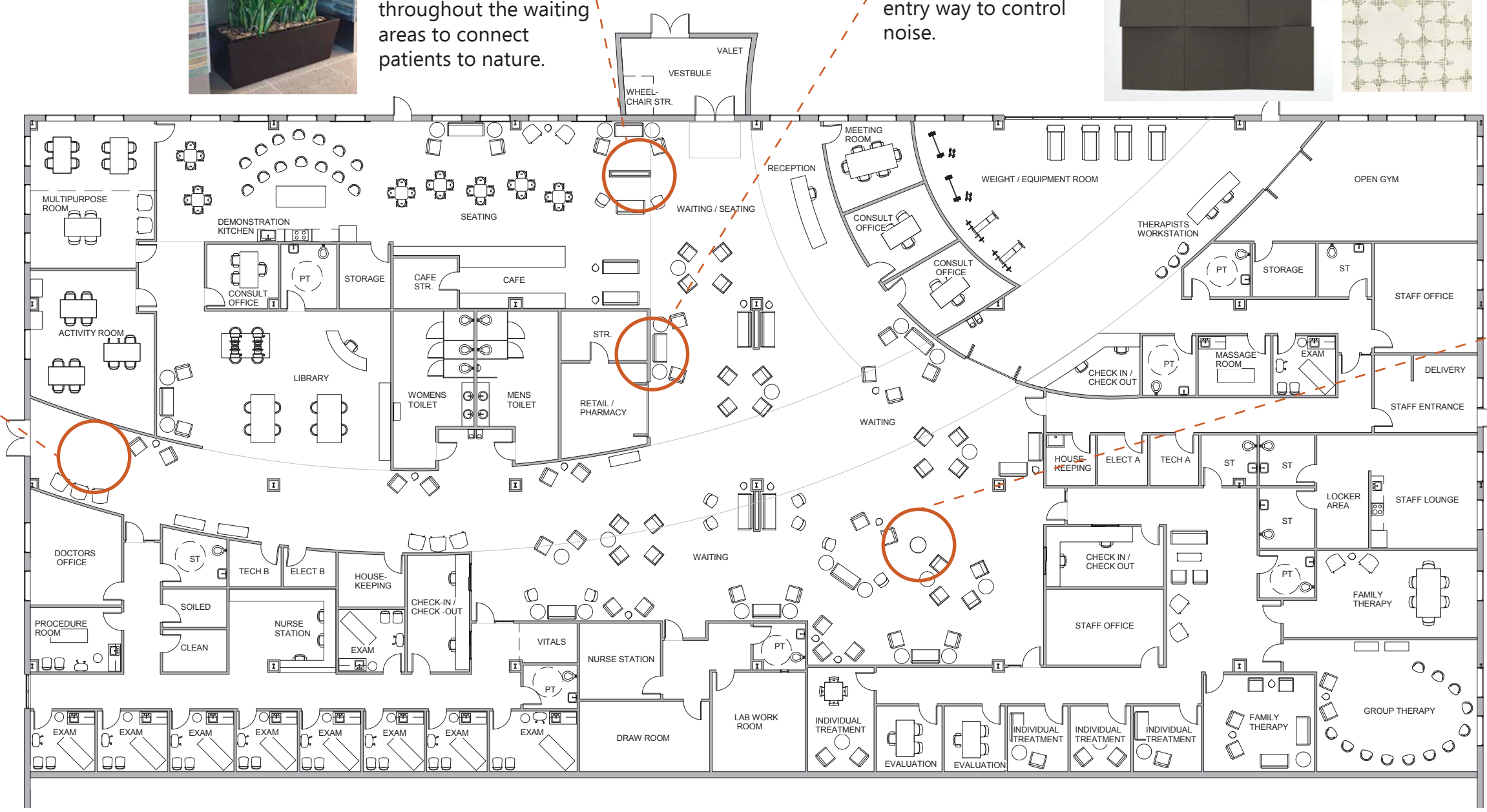
10. Built-in planters at 6'-0" tall will be placed throughout the waiting areas to connect patients to nature.



9. Panel feature in entry way to control noise.



11. Floating fireplace cladded with green tile. The fireplace is a focal point to draw your eye in when you enter the building.



Art Features

