

Satum

SALON & SPA



Roxana Lifshitz | Daniel Martinez
IND 6257 Graduate Design 3 | Fall 2019
Professor Phillip Abbott

PROGRAMMING EFFORTS

Project Overview

Create a new prototype for a salon and spa that will include a significant dedicated and distributed retail aspect as well. The idea of this is that it a “one stop” opportunity combining the service and retail elements.

HAIR

Hair cutting is the foundation skill upon which all other hair design is built.

A **hairstylist** is a professional with well-rounded skills and great finger dexterity.

Knowing how to perform **chemical texture** services to change the natural hair form is important to the safety of the stylist and client.

Hair removal is one of the fastest growing services in the salon business. It involves important techniques for safety.



NAIL CARE

Manicuring is a cosmetic treatment of the hands involving cutting, shaping, painting of the nails, removal of cuticles and softening of the skin.

Pedicure is a cosmetic service performed on the feet.

4 types of nail technology tools that are incorporated into the service.

Equipment: Permanent tools such as tables and chairs

Implements: nail clippers, brushes and cuticle pushers.

Materials: one time use such as gloves and masks.

Professional nail products: nail polish and polish remover.

PERSONAL SPACE

Manicure = 16 SF (4x4)

Pedicure = 32 SF (4x8)

Spa room = 100 SF (10x10)

Check in / out = 10x10

Styling station = 35 SF (5x7)

Shampoo area = 36 SF (4x9)

Laundry = 8x6

Retail area = 100 SF

ERGONOMICS

Ergonomic and comfortable furniture allows professionals to improve their work and bring satisfaction to their customer by decreasing discomfort due to bad posture.

USER PROFILE

The most common users groups:

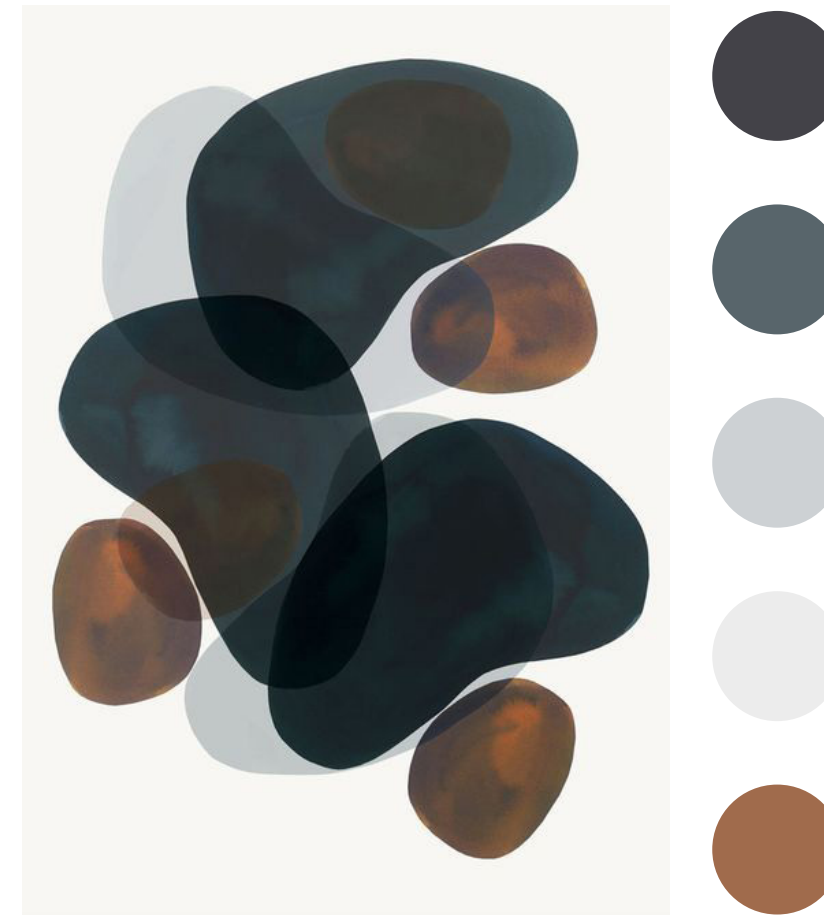
Locals Residents of the Brickell neighborhood.

Tourists Vacationers seeking a spiritual and serene experience.

Influencers Novelty user keeping up with trends and experiencing luxury on a budget to support their entrepreneurial lifestyle and public image.

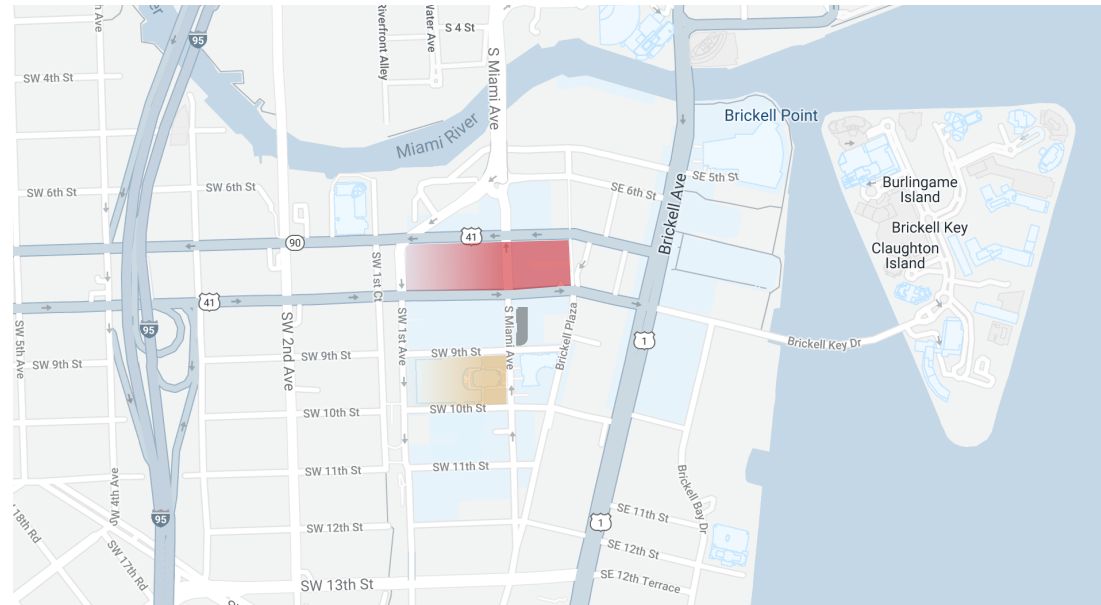
Executives Serious and driven professional that maintains a busy lifestyle with little to no time for themselves.

MATERIALITY ART PROGRAM



Inspired by Berit Mogensen, we sought to find elements in nature that embodied the essence of her paintings. We explored the idea of balancing texture and scale by arranging these objects in a manner that reflected her work. The composition of these objects were all components we chose to incorporate into our design by using the same materials in different scales, using different materials with different textures such as wood, concrete and textiles.

SITE & BUILDING ANALYSIS



NORTH



SOUTH



EAST



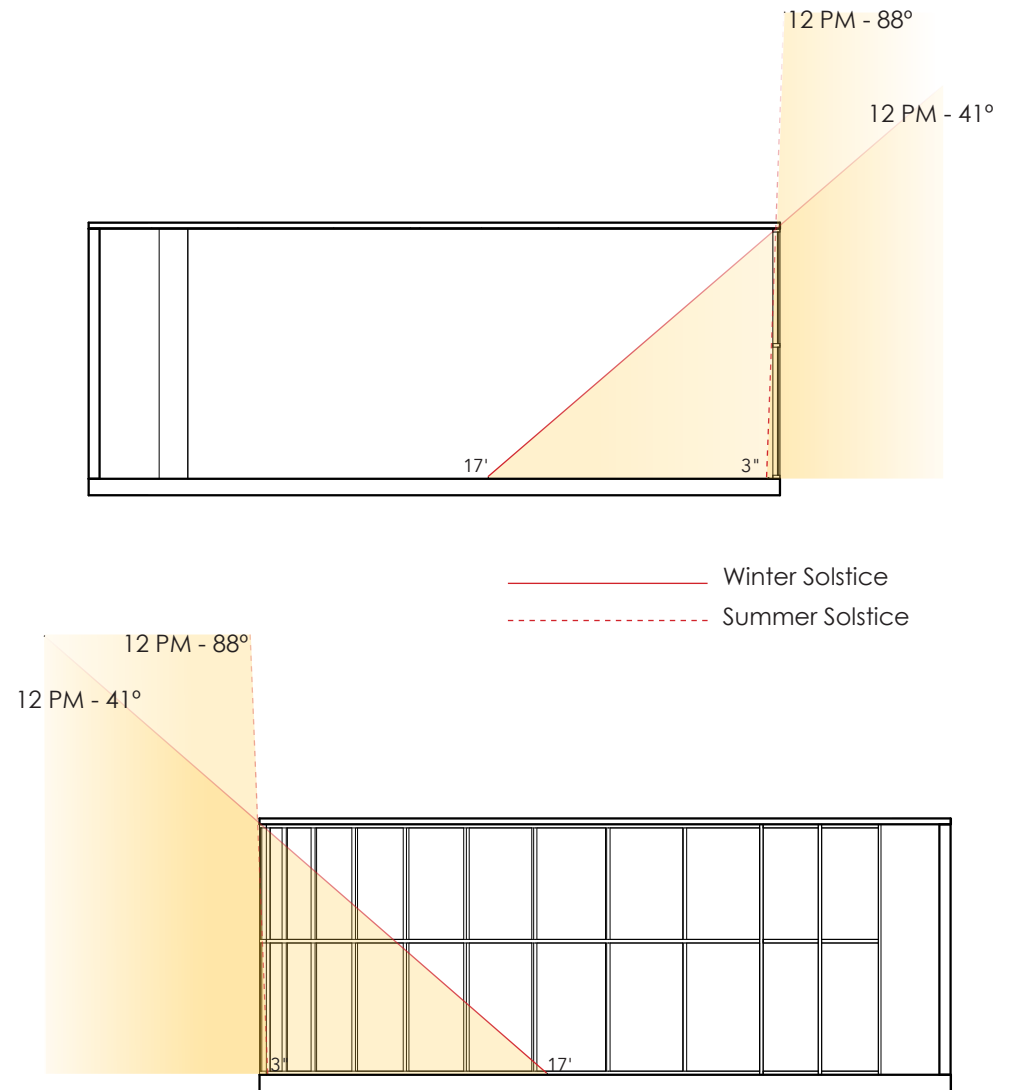
WEST

850 S. Miami Ave. Miami, FL

The site is located in Brickell which is an urban neighborhood of Greater Downtown Miami; directly south of the historic Central Business District.

It is also located between two large buildings consisting of several retail establishments and restaurants.

Brickell City Center – 0.1 miles
Mary Brickell Village – 350 feet

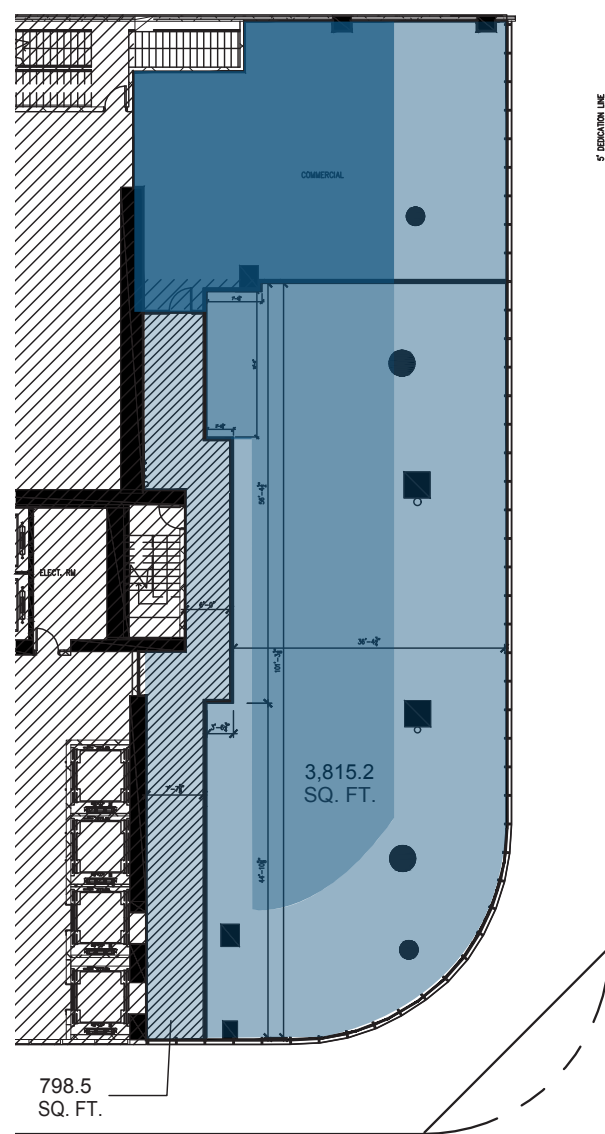


Solar altitude angle distribution

The solar bearing angle during spring and fall equinox from 8AM - 4PM falls into 76° . The sun does not come into the space until after 10AM due to the location of the building east of the site.

During Summer solstice the sun enters the interior space only 3" since the altitude angle is 88° . During the Winter solstice the sun enters the interior space 17' because the altitude angle is 41° .

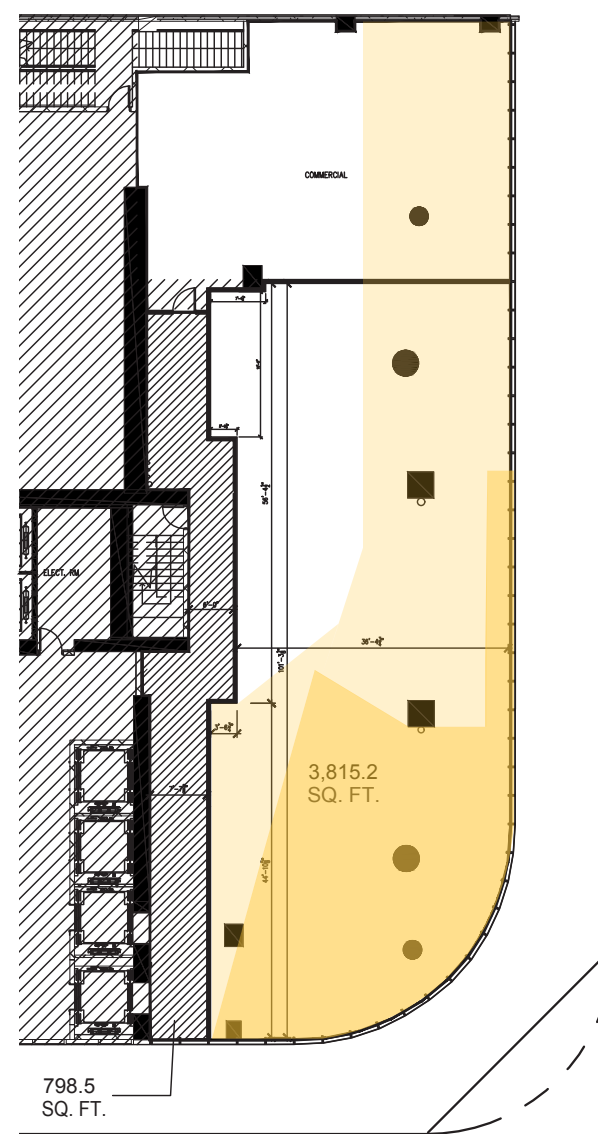
ZONING DIAGRAM



- Public
- Semi-Public
- Semi-Private
- Private

Defined levels of privacy were based on the structure of the building as well as its intended use. This was achieved by defining the entrance as a public area and more private areas as the user moves through the building.

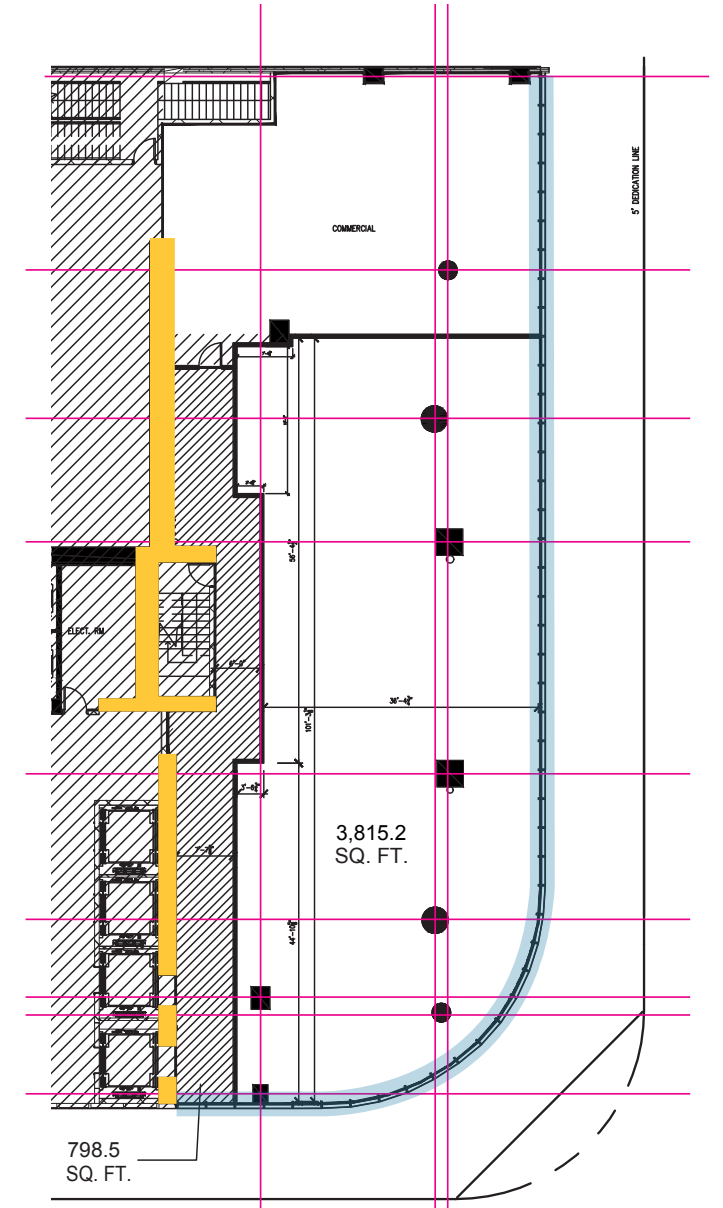
SUNLIGHT INTRUSION



- Sunlight
- Daylight

The arrangement of service areas were based on the users comfort level determined by the sunlight penetration and daylight intrusion.

STRUCTURE DIAGRAM



- Structural Walls
- Column Grid
- Curtain Wall

Enclosing the columns to create a more even and organized column grid helped to outline and create distinction between spaces, this allowed a clear understanding of the environment.

DESIGN GUIDANCE

CONCEPT

To design an environment where the user feels **intrigued** to **explore**. By using **natural** features and materials we are creating a **calming** experience while **balancing** the different areas with **impactful** elements. By using materials at different scales, the user will grasp the intention of different areas and services allowing a **clear** understanding of the space.

DESIGN GUIDELINES

Create a sense of fluidity within the circulation and design to allow the user to explore the space.

Applied by the floor pattern and the curved walls, which guide the user from one end of the space to the other.

Arrange different zones that contour each other to reinforce the overall flow and connectivity of spaces.

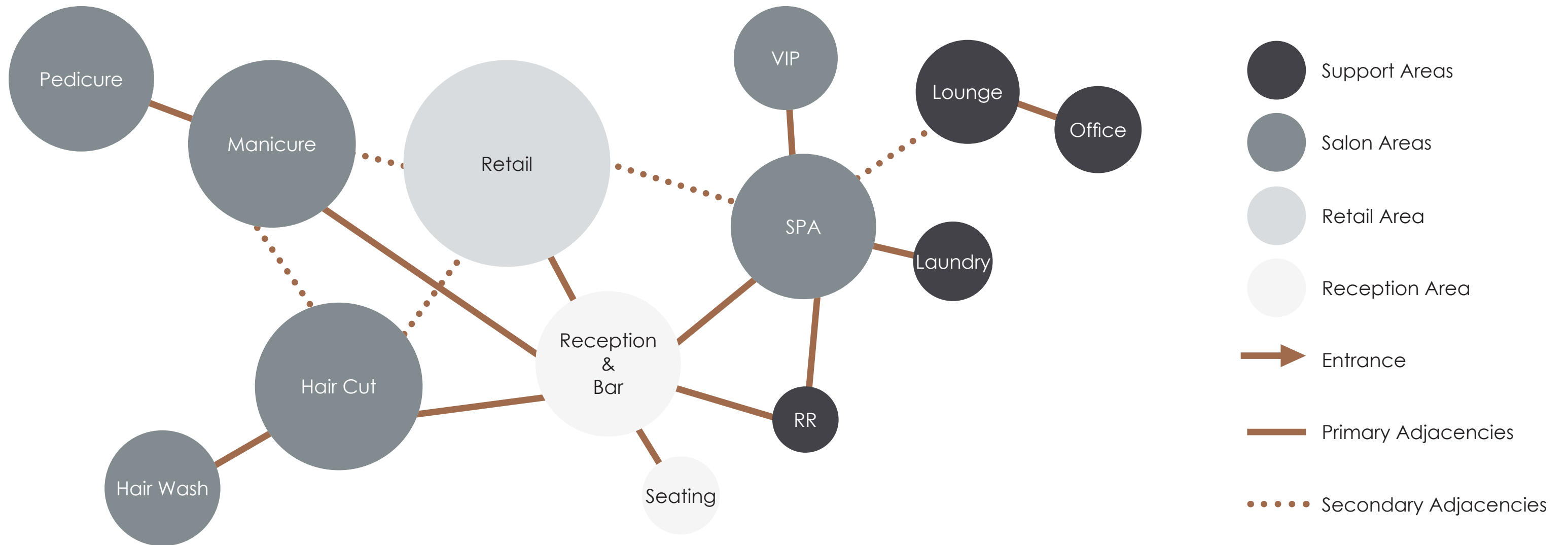
Applied by the edge conditions that separate specific services within the salon.

Incorporate design elements that differentiates services within the space.

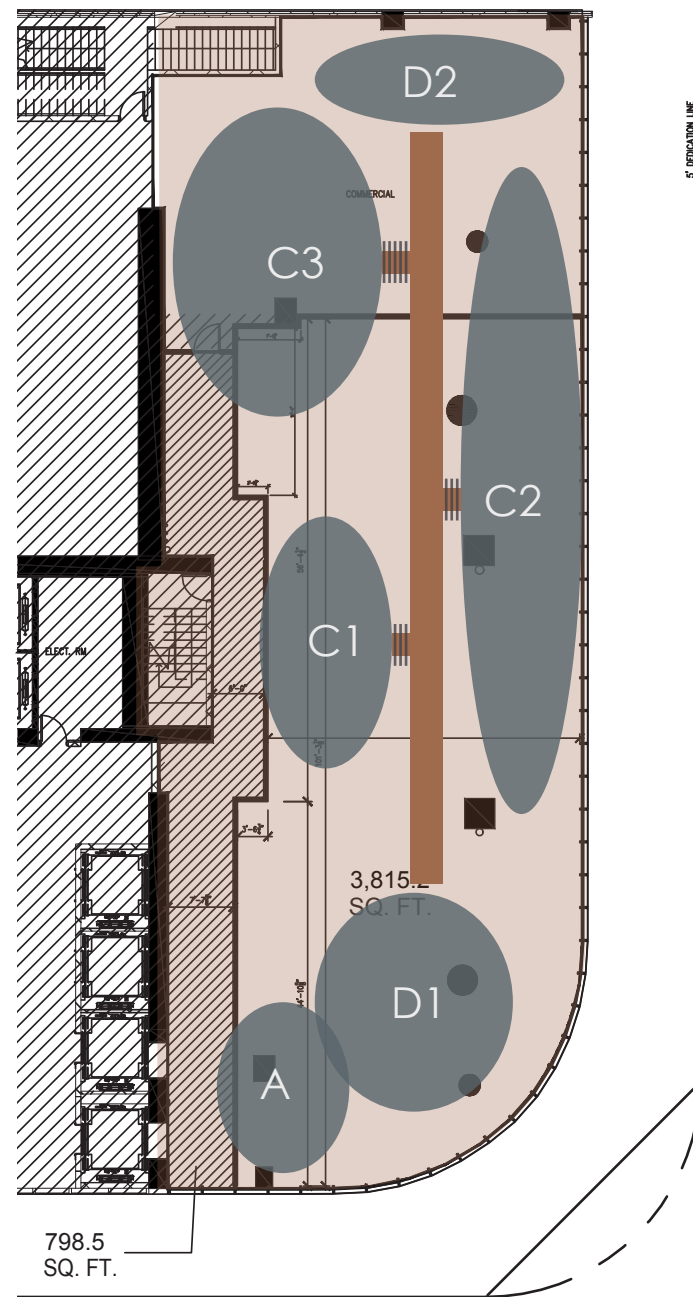
Applied by the use of varied finishes to define and characterize different services.



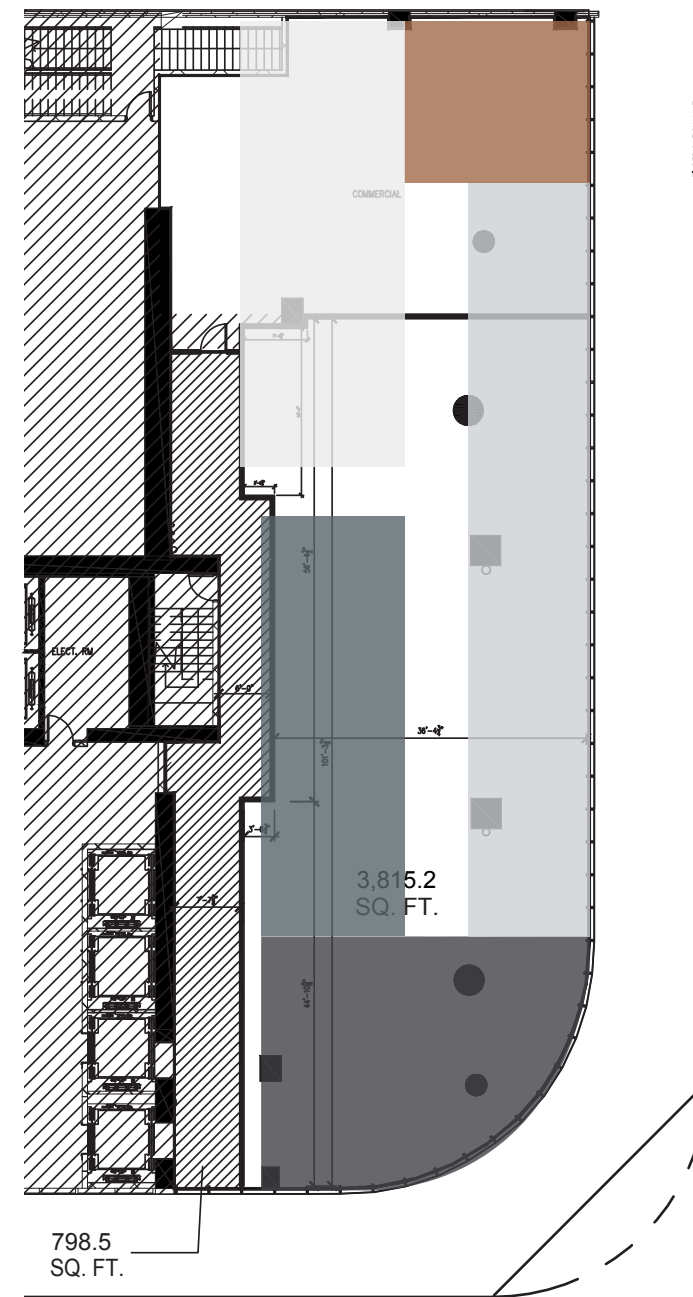
ADJACENCY DIAGRAM



ORGANIZATIONAL FUNCTIONAL DIAGRAMS

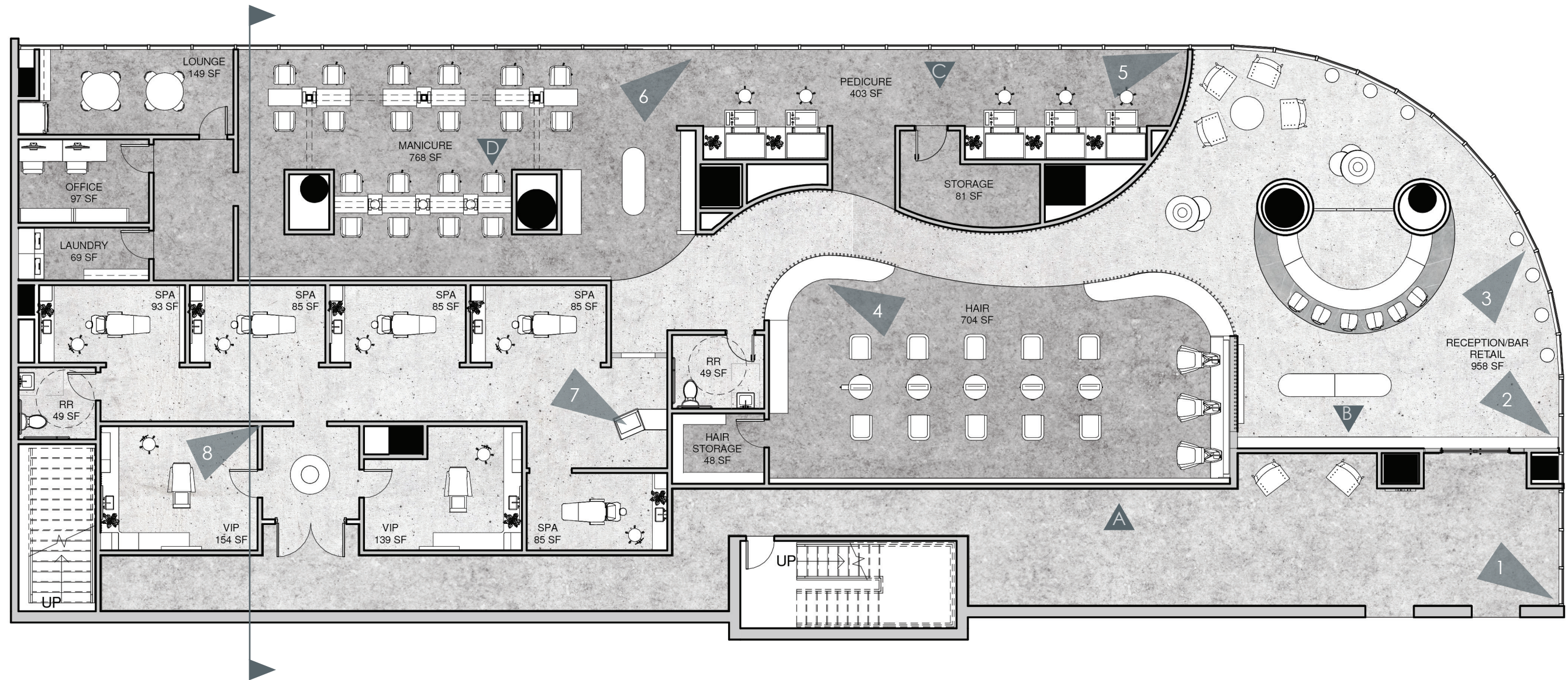


- A Arrival
- D1 Retail
- D2 Back of house
- C1 Hair Cutting
- C2 Nails
- C3 SPA/VIP



- Reception/Bar/Retail
- Hair Cutting
- Nails
- SPA/VIP
- Support Areas

FURNITURE FLOOR PLAN



FLOOR PLAN
1" = 10'-0"

LIGHTING GOALS

AMBIENT LIGHTING

Provide uniform illuminance to navigate through space efficiently while providing a sense of pleasantness.

RETAIL / BAR

Emphasize retail display and bar to increase customers interest and focus towards products.

Provide sufficient task lighting for bar area to support various tasks.

Task: 30 foot candle

Focus: 40 foot candle

CRI: 85

Color Temp: 3,500

Ambient: 20

HAIRCUTTING

Provide comfortable and sufficient lighting for stylist and client to allow visual clarity. Highlight products displayed on adjacent wall to promote sales.

Task: N/A

Focus: 40 foot candle

CRI: 85

Color Temp: 3,500

Ambient: 20

PEDICURE

Utilize natural lighting to reduce energy and promote sustainability. Incorporate lighting that provides visual attraction to emphasize the design.

Task: N/A

Focus: 30

CRI: 85

Color Temp: 3,500

Ambient: 20

MANICURE

Provide adjustable task lighting to allow flexibility for employees to perform comfortably and efficiently.

Task: 100 foot candle

Focus: 40 foot candle

CRI: 85

Color Temp: 3,500

Ambient: 20

SPA / VIP

Provide non uniform lighting to create a relaxing and intimate space.

Provide adjustable task lighting to allow flexibility for employees to perform various tasks.

Task: 80 foot candle

Focus: 30 foot candle

CRI: 85

Color Temp: 3,000

Ambient: 10 foot candles

SUPPORT AREA

Provide bright uniform lighting to create visual clarity.

Task: N/A








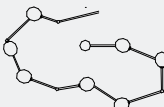




Focus: N/A

CRI: 85

Color Temp: 3,500

Ambient: 30 foot candle

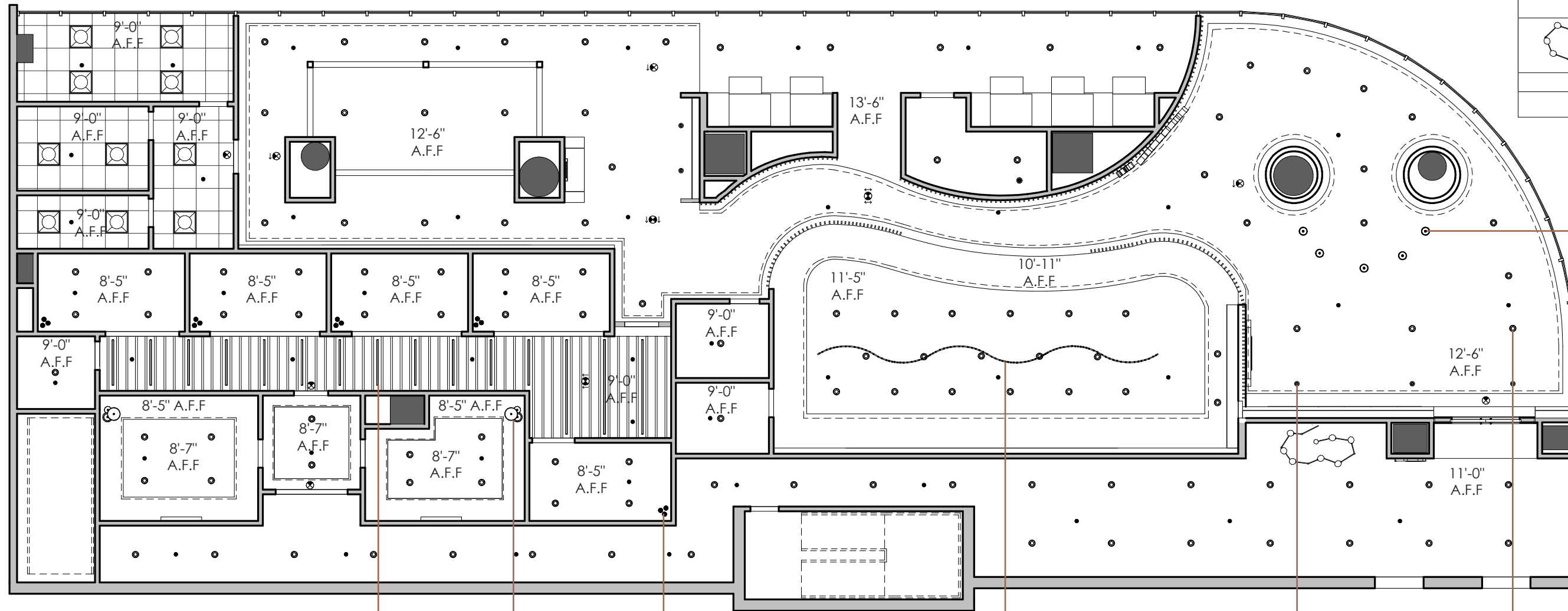
LIGHTING SCHEDULE

Symbol	Tag	Ambient (A) Focused (F) Task (T)	Illuminance Goal (fc)	Illuminance Achieved (fc)	Spacing Criteria	Lamp	CT or CCT	CRI	Watts per Fixture	Number of Fixtures	Total Watts Fixture Type	Goals Addressed/Notes
	L-1	F	40fc	36fc	1.07	LED	3500 K	85	11.75	5	58.75	Emphasize retail display
	L-2	A	20fc	20fc	1.24	LED	3500 K	85	9.7	115	1115.5	Uniform illuminance through the space
	L-3	T	30fc	N/A	N/A	LED	3500 K	85	N/A	5	N/A	Sufficient task lighting for bar area
	L-4	A	20fc	N/A	N/A	LED	3500 K	85	N/A	3	N/A	Comfortable and sufficient lighting
	L-5	A	20fc	19fc	1.22	LED	3500 K	85	41.11	15	616.65	Non uniform lighting to create a relaxing and intimate space
	L-6	A	30fc	26fc	1.32	LED	3500 K	80	19.2	10	192	Bright uniform lighting to create visual clarity
	L-7	A	20fc	20fc	1.3	LED	3500 K	85	29.27	30	878.1	Provide a sense of pleasantness
	L-8	A	20fc	N/A	N/A	LED	3500 K	85	N/A	1	N/A	Decorative pendant for lobby
	L-9	F	30fc	N/A	N/A	LED	3000 K	85	9.5	5	47.5	Relaxing and intimate space
	L-10	F	30fc	N/A	N/A	LED	3000 K	85	N/A	2	N/A	Relaxing and intimate space
	L-11	Exit Sign	N/A	N/A	N/A	LED	N/A	N/A	3.8	3	11.4	Indicate emergency exit
	L-12	Directional Exit Sign	N/A	N/A	N/A	LED	N/A	N/A	3.8	5	19	Indicate emergency exit
											1938.9	
											Total Watts Area Square Feet	4738 ft ²
											Watts per Square Feet	0.4

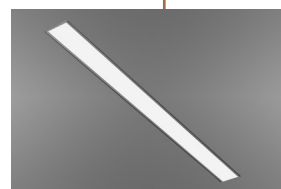
REFLECTED CEILING PLAN

LIGHTING LEGEND

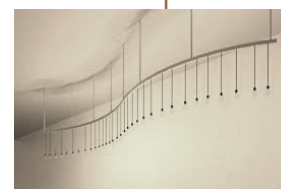
SYMBOL	DESCRIPTION
	RECESSED DIRECTIONAL
	RECESSED DOWNLIGHT
	PENDANT
	PENDANT
	RECESSED LINEAR
	2"X2" RECESSED LIGHT
	COVE
	SPRINKLERS
	NON DIRECTIONAL EXIT
	DIRECTIONAL EXIT
	PENDANT
	PENDANT
	PENDANT



CEILING PLAN
1" = 10'-0"



Spacing Criteria
@ 0 = 1.22 / @ 90 = 1.22



Spacing Criteria
@ 0 = 1.24 / @ 90 = 1.24

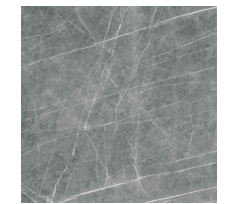


Spacing Criteria
@ 0 = 0.77 / @ 90 = 1.07

HALLWAY



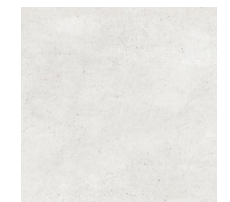
Wallcovering



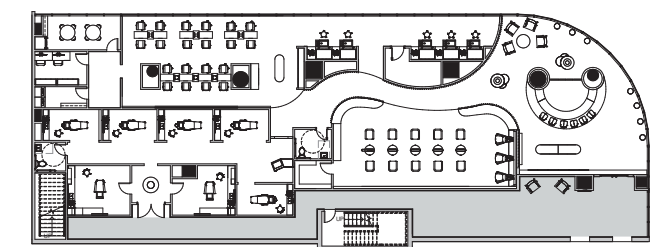
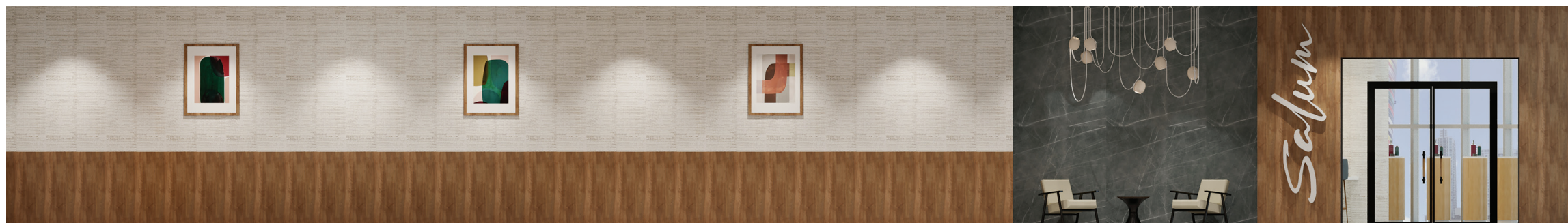
Flooring



Wall



Flooring



PERSPECTIVE 1 | ELEVATION A

ENTRANCE



Wall Plank



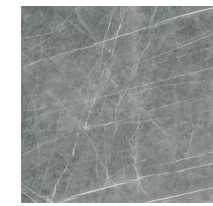
Wallcovering



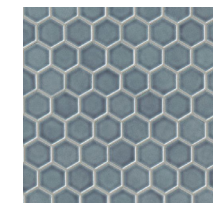
Bar



Retail Casework



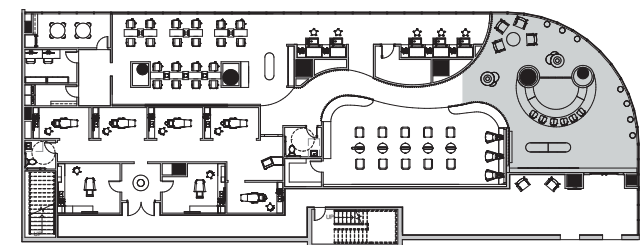
Flooring



Retail Wall

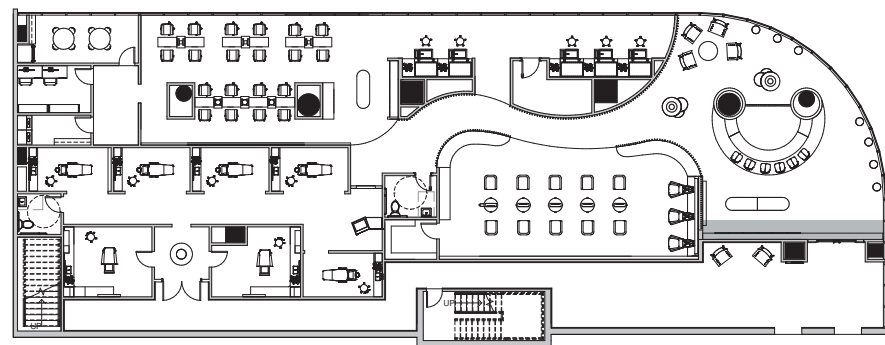


Flooring



PERSPECTIVE 2

ENTRANCE/RETAIL ELEVATION



Wall



Recessed Wall



Casework

ELEVATION B

RETAIL



Wall Plank



Wall



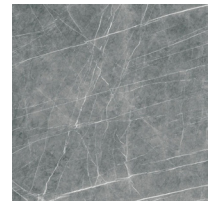
Retail Casework



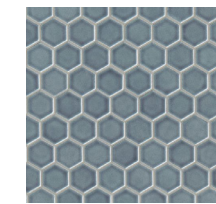
Bar



Retail Wall



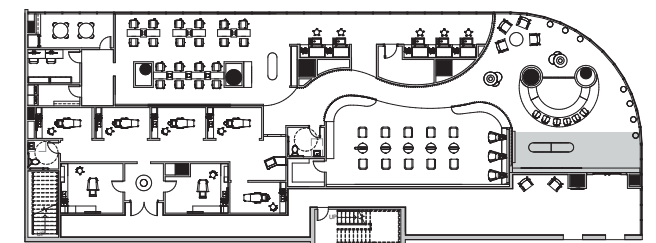
Flooring



Retail Wall

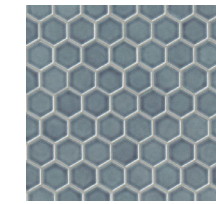


Flooring

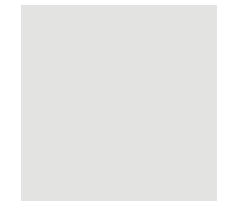


PERSPECTIVE 3

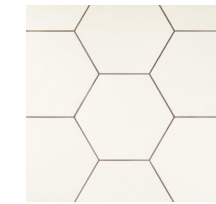
HAIR AREA



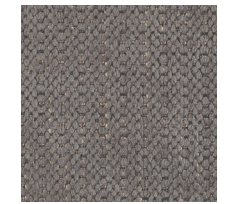
Wall



Wall



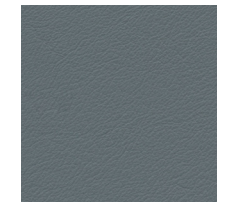
Wall



Client Chair



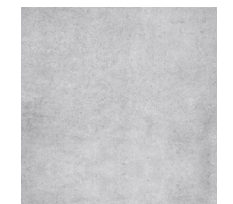
Workstation



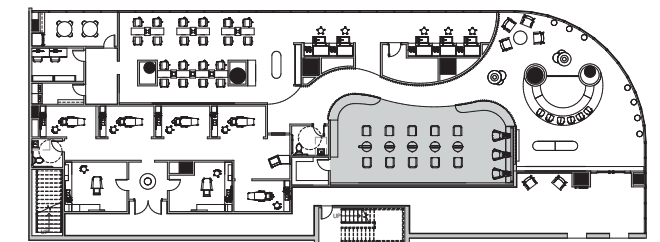
Hair Wash Chair



Flooring

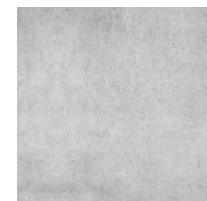
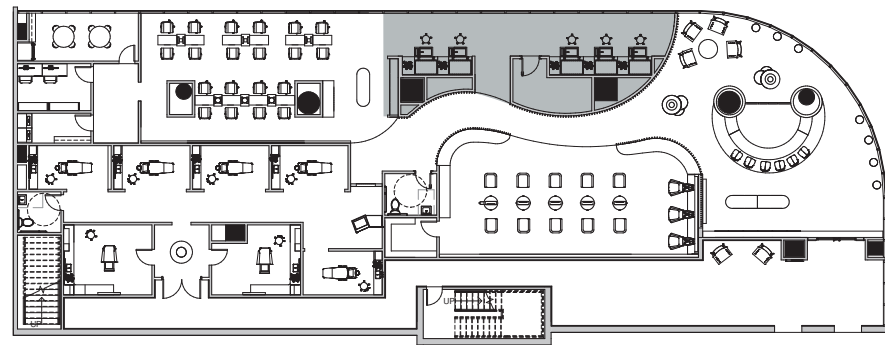


Flooring

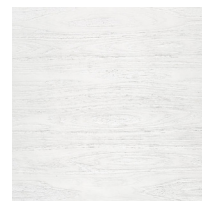


PERSPECTIVE 4

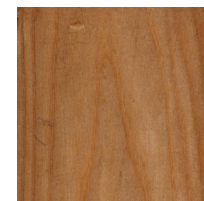
PEDICURE ELEVATION



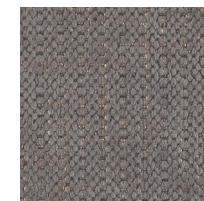
Flooring



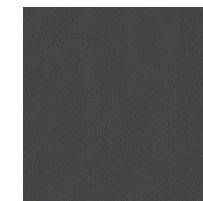
Chair Base



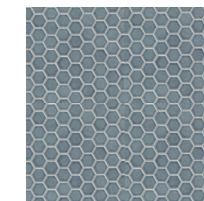
Side Table



Chairs



Stools

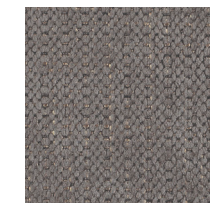


Walls



ELEVATION C

PEDICURE



Chairs



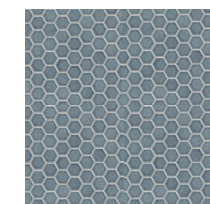
Stools



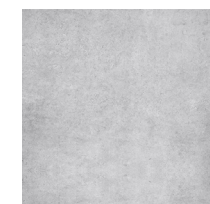
Chair Base



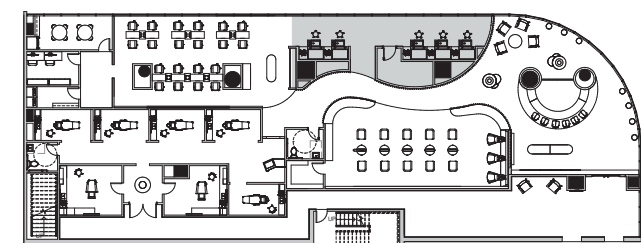
Side Table



Wall

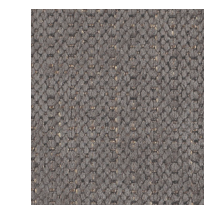


Flooring

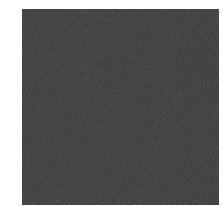


PERSPECTIVE 5

PEDICURE



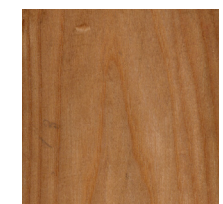
Chairs



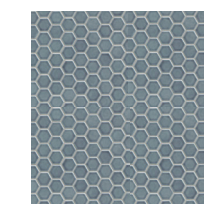
Stools



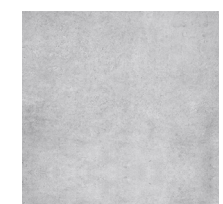
Chair Base



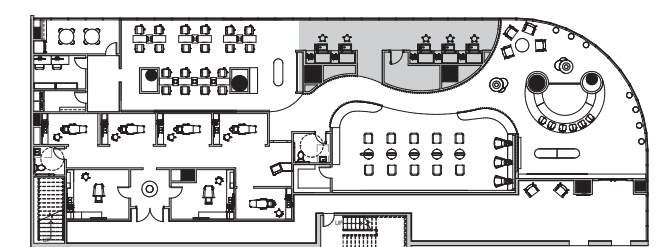
Side Table



Wall

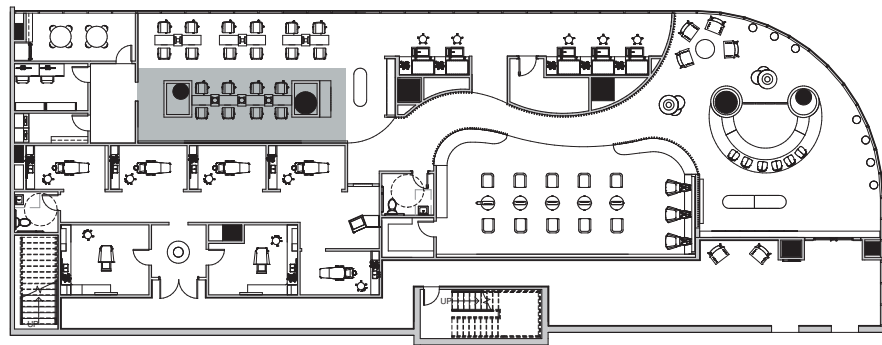
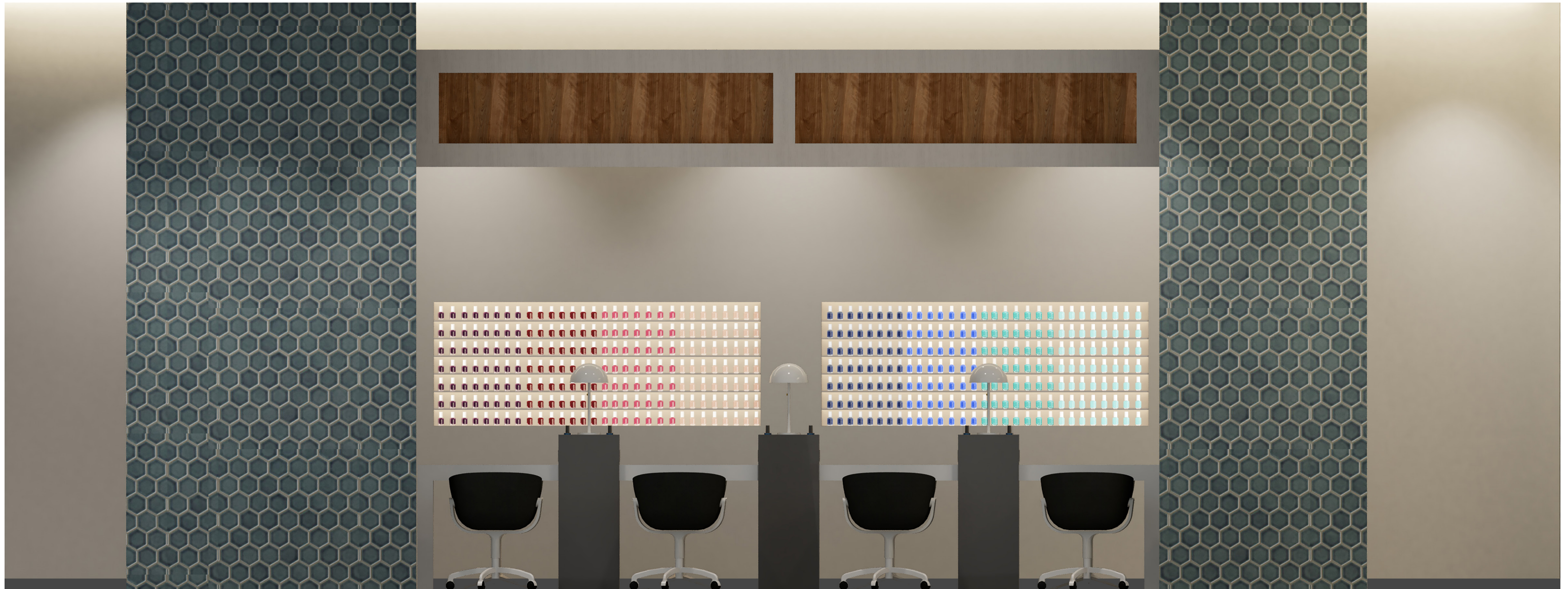


Flooring



PERSPECTIVE 5

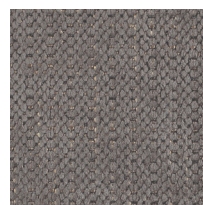
MANICURE ELEVATION



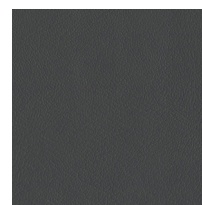
Framing



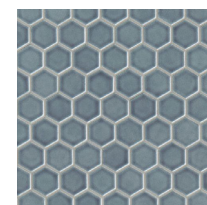
Panel



Client Chair



Technician Chair



Walls

ELEVATION D

MANICURE



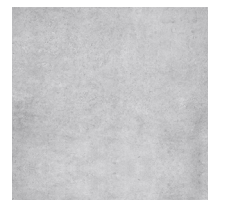
Panel



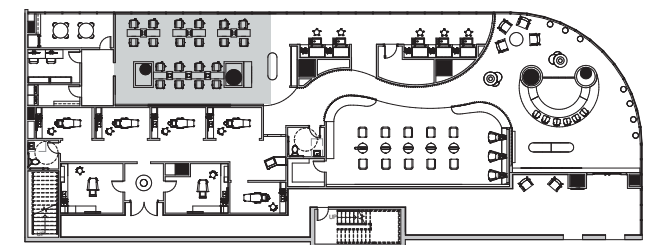
Wall



Wall

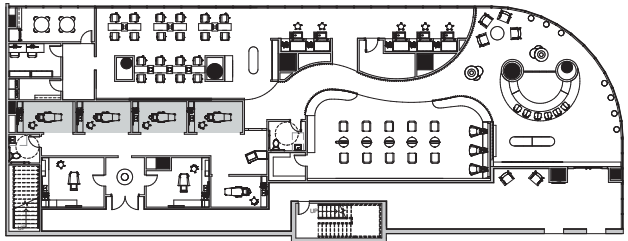
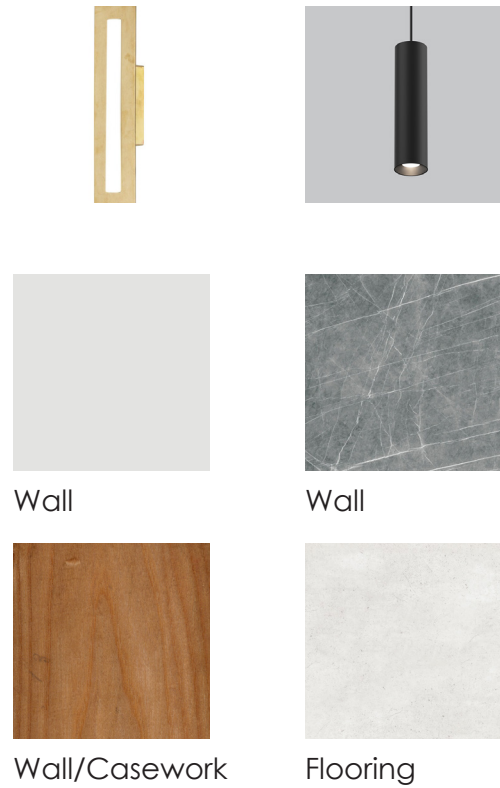


Flooring



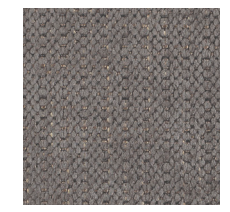
PERSPECTIVE 6

SPA ROOM

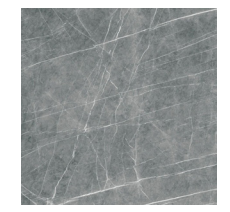


PERSPECTIVE 7

VIP ROOM



Chair



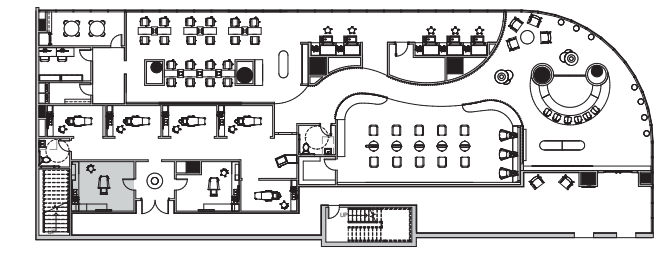
Wall



Wall/Casework

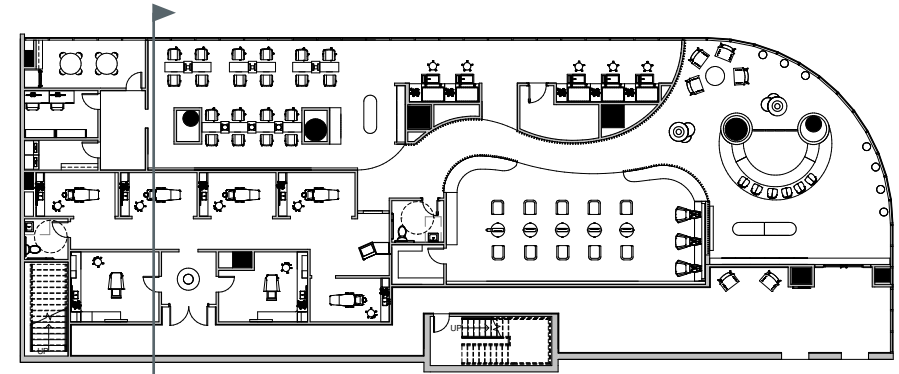


Flooring



PERSPECTIVE 8

SECTION ELEVATION



SECTION

Sadman

PROTOTYPE

Thank you

