

FIORI PEDIATRICS

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# CONCEPT

Fiori Pediatrics is a children's health care center offering a complete range of pediatric care in Seattle, Washington. The design for the center is inspired by the intricate glass sculptures designed by Dale Chihuly and his museum located in downtown Seattle. Chihuly uses **form** and **color** to capture the imagination of others and challenges the conventional ideas of function and beauty. The unique aspect of glass blowing and his designs spark curiosity in those of all ages. The **organic shapes** and **bold colors** in his exhibit, *Fiori*, resemble the exuberant and ambitious nature of children while also being **delicate** in form. With this in mind, the atmosphere will be inviting to kids and parents alike through **whimsical** architectural details, a **warm color** scheme, and an **interactive waiting** area. The use of natural light, ergonomic features, and soft materials, provide a supportive place for employees while also maintaining the proper levels of sanitation. Lastly, by using **colored glass** for wayfinding, the path of travel will be **clear** and **cohesive** for both employee and patient.



COLORFUL GLASS BRINGS EXCITEMENT INTO THE SPACE.

ORGANIC SHAPES IMPLEMENTED INTO THE DESIGN.



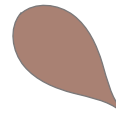
## GOALS

- PROVIDE an engaging and welcoming atmosphere to ease patient anxiety.
- CULTIVATE positive employee mentality.
- EXECUTE a clear path of circulation.


## IDEAS


- Colorful glass to be used in waiting area, vestibule, wayfinding.
- Organic and whimsical shapes to be used in architectural details.
- Warm, bold colors to be used throughout the center.

# RESEARCH SUMMARY


 Color: Cool colors are beneficial to patients with anxiety. Absence of visual variety lead to sensory deprivation.

 Flooring: VCT provides durable properties & easy maintenance. Carpet & VCT are most recommended for medical facilities.

 Waiting: Pediatric waiting rooms tend to be larger with a variety of spaces because most patients are accompanied by 1-2 other people.

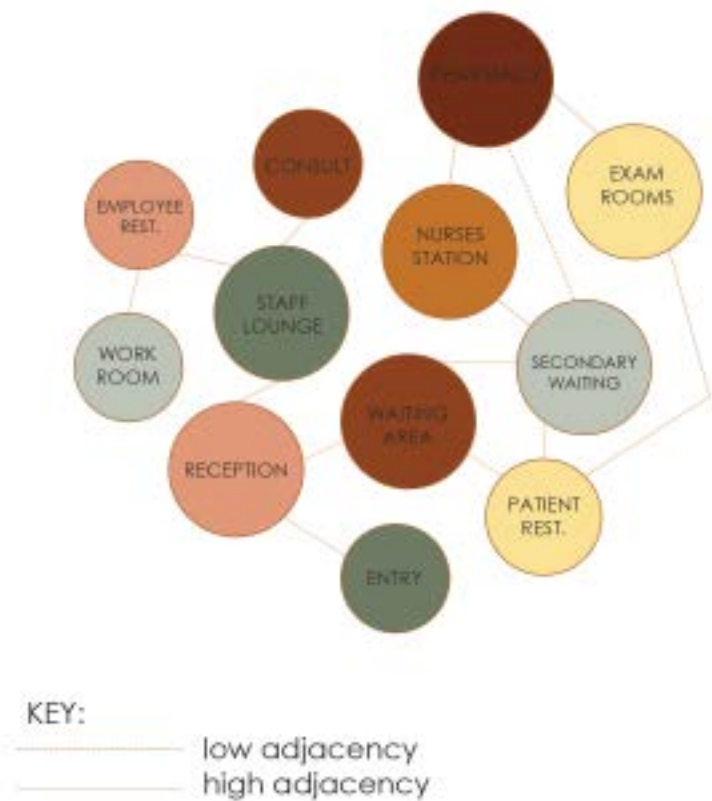
 Lighting: Natural lighting in staff & patient areas is more beneficial. 30 - 50 footcandles is appropriate for the waiting room and consult offices.

 Overall Design: The design should not be geared too much towards toddlers, because patients 0-18 visit Pediatricians.

 Furniture Upholstery: A nylon blend with other natural fibers is the best solution for medical upholstery. All fabric should be no less than 15,000 double rubs.

Space	Quantity	Assignable SF	Subtotal SF (x quantity x unit)	Public Access	Preparation	Privacy	Waiting	Special Equip.	Special Considerations	
<b>NON-PATIENT AREAS</b>										
1 Reception/Business Office	1	300	300	●	●	○	●	●	Open reception area with access to main entry. Privacy for business office. Very little barriers b/w patient and receptionist.	
2 Workroom	1	200	200	X	●	●	X	X	18 in. E of 18" deep shelves. Coat closet w/lin. & clothing rack. Worktable 10-12 sq. ft.	
4 Nurses Station	1	300	300	●	X	○	●	●	Weight and blood pressure station w/2 chairs. Working space for 4 nurses. Laboratory sink.	
5 Consulting Office	2	180	360	○	●	●	X	X	Desk w/12-15 sq. ft. plus credentialed w/10 sq. ft. 1-2 guest chairs. 30 in. ft. of shelving 12" deep.	
6 Employee Restroom	1	150	150	X	X	●	●	X	Lavatory, toilet, separate shower room.	
7 Pharmacy/Storage Area	1	80	80	X	X	●	X	X	Should not be directly accessible to patients.	
8 Staff Lounge	1	150	150	X	●	●	●	X	At least 8 employees and kitchen with fridge, sink, dishwasher, ice machine, and microwave. Oven/stove not required.	
<b>PATIENT AREAS</b>										
10 Waiting Area	1	500	500	●	●	X	X	X	Seating for 15 adults and 10 children. 100-200 sq. ft. of play area. Separate sick and well areas required.	
11 Exam Rooms	9	90	810	●	○	●	●	●	85-100 sq. ft. Two should be bigger to accommodate mult. children for procedures. Not restricted by conventional distance requirements to plumbing waste lines.	
12 Patient Restrooms	2	80	160	●	X	●	●	X	Lavatory and toilet. One located near waiting and one near exam rooms.	
13 Secondary Waiting	1	100	100	●	●	X	X	X	Located close to main waiting. Seats 4 children and 4 adults.	
14										
15										
16										
17										
18										
19										
20										
21										
A Total Assignable SF			3,700	= Sum of SUBTOTAL SF						
B Circulation %			1,150	= Line A x Circulation Multiplier						
C Total Usable SF Req			4,850	= A + B						
D Available			4,400	Space Available in the prospective project space						
E Over/Under			-450	= D - C (positive means extra space, negative means needs more space than available)						

CRITERIA MATRIX



ADJACENCY DIAGRAM



COLOR-CODED FLOORPLAN

# ANNOTATED FURNITURE PLAN



SITTING AREAS IN CONSULT OFFICES TO GIVE A RESIDENTIAL FEEL TO THE SPACE

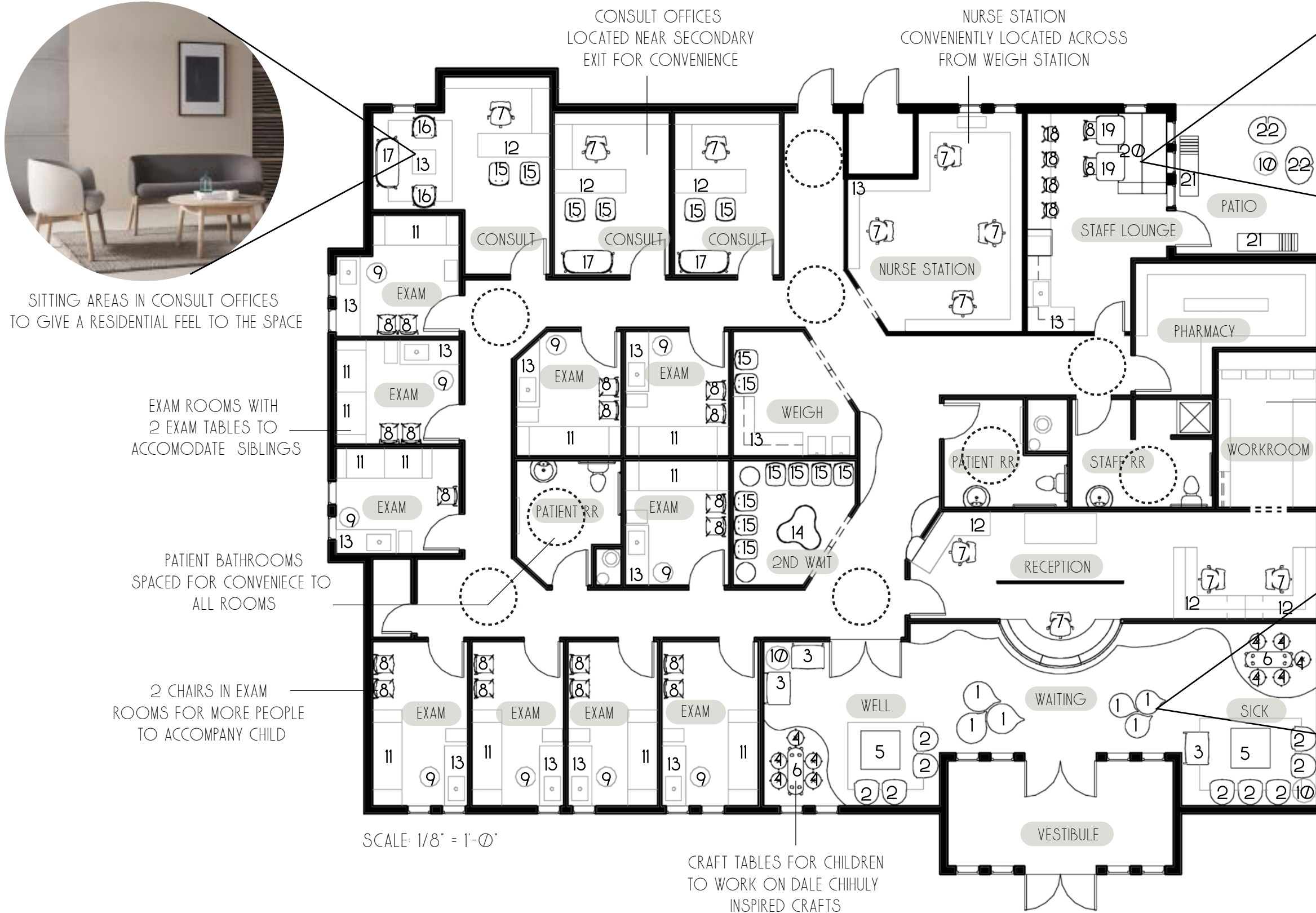


BENCH IN STAFF LOUNGE TO UTILIZE NATURAL LIGHT

WORK AREA ATTACHED TO RECEPTION OFFICE FOR CONVENIENCE



POUFS IN SITTING AREA THAT DISPLAYS WHIMSICAL SHAPE



EXAM ROOMS WITH 2 EXAM TABLES TO ACCOMMODATE SIBLINGS

PATIENT BATHROOMS SPACED FOR CONVENIENCE TO ALL ROOMS

2 CHAIRS IN EXAM ROOMS FOR MORE PEOPLE TO ACCOMPANY CHILD

CRAFT TABLES FOR CHILDREN TO WORK ON DALE CHIHULY INSPIRED CRAFTS

# FURNITURE LEGEND



## FURNITURE LEGEND

NUMBER	MANUFACTURER	NAME	QUANTITY	DIMENSIONS
1	HIGHTOWER	NIMBUS JR POINT CHAIR	6	39" X 30" X 18"
2	OFS	LOEWENSTEIN GUEST CHAIR	9	24" X 25"
3	OFS	HUG BARIATRIC CHAIR	3	32" X 25"
4	HIGHTOWER	SALLY STOOL	10	18" X 18" X 15"
5	HIGHTOWER	BRASILIA TABLE	2	39" X 39" X 11"
6	HAWORTH	BUZZIMILK TABLE	2	46" X 15" X 15"
7	KNOLL	REMIX OFFICE SEATING	11	27" X 24"
8	HIGHTOWER	FOURCAST2 WAITING CHAIR	21	20" X 20" X 33"
9	CUSTOM	EXAM STOOL	10	D: 1' 8"
10	HIGHTOWER	BRECK SIDE TABLE	5	19" X 19" X 16"
11	CUSTOM	EXAM TABLE	10	96" X 30"
12	CUSTOM	DESK	5	SIZE VARIES
13	CUSTOM	CASEWORK	16	SIZE VARIES
14	HIGHTOWER	LARGE FLOWER TABLE	1	44" X 42" X 18"
15	HIGHTOWER	EYES GUEST CHAIR	15	23" X 20" X 32"
16	HIGHTOWER	NEST LOW WOOD CHAIR	2	23" X 23" X 30"
17	HIGHTOWER	NEST LOW WOOD SOFA	3	49" X 23" X 29"
18	HIGHTOWER	BOET BAR STOOL	4	15" X 15" X 29"
19	HIGHTOWER	KONA SQUARE TABLE	2	28" X 28" X 28"
20	HIGHTOWER	STORY LOW BENCH WITH CUBBY	2	80" X 24" X 17"
21	HIGHTOWER	AYER UPHOLSTERED BENCH WITH SIDE TABLE	2	60" X 18" X 18"
22	HIGHTOWER	TRUE LOVE LOUNGE CHAIR	2	38" X 28" X 27"



THE FURNITURE SELECTED USES ORGANIC MATERIALS AND WHIMSICAL SHAPES TO EMULATE THE WORK OF DALE CHIHULY. COMBINING LIGHT WOOD WITH COLORFUL FABRICS CREATES A VISUALLY INTERESTING ENVIRONMENT THAT INSPIRES CHILD-LIKE IMAGINATION.

# RENDERED FLOOR PLAN



## FABRIC



ARC-COM - SANTORINI NUTMEG      ARC-COM - SANTORINI CINNAMON      KNOLL - INSTINCT MUSTARD

WARM TONES TO CREATE EXCITEMENT



ARC-COM - SANTORINI SEAFOAM



ARC-COM - CHROMA SEAFOAM

COOL TONES TO CALM ANXIETY AND MAKE ROOMS APPEAR LARGER

## VCT FLOORING



ARMSTRONG KALEIDOSCOPE WHITE

## LAMINATE FLOORING



ARMSTRONG AMERICAN MAPLE

## COUNTER TOP



MARMOREAL STONE

## RECEPTION GLASS PANEL

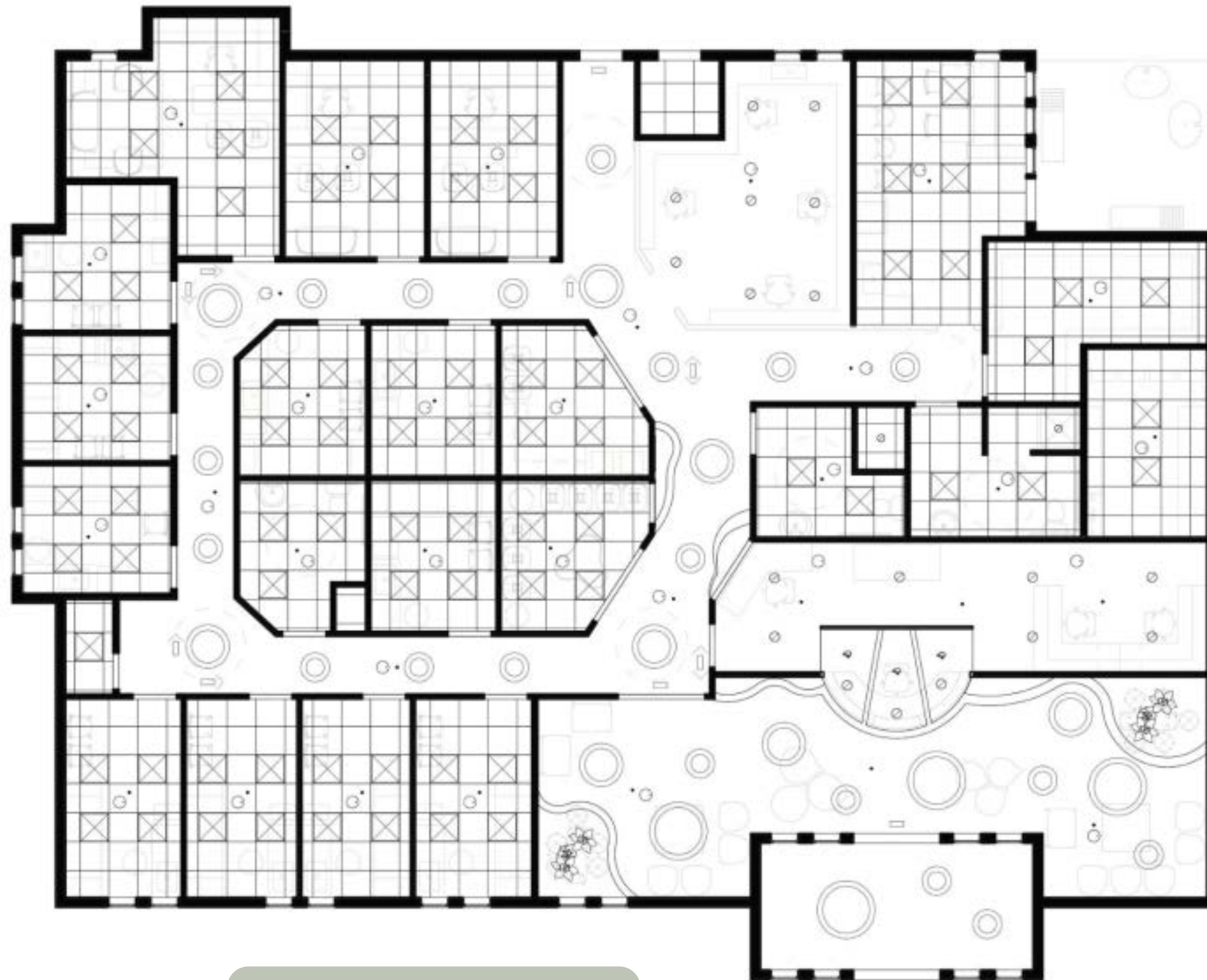


MCGRORY BACKPAINTED AIGA 114

# REFLECTED CEILING PLAN



THE LIGHT FIXTURES SELECTED WERE USED TO FURTHER INCORPORATE ORGANIC SHAPES INTO THE DESIGN. THE BLOSSOM PENDANT, HANDMADE IN SEATTLE, ADDS TEXTURE TO THE WAITING AREA AND ADDS THE ELEMENT OF WHIMSY TO THE SPACE.



## LIGHTING LEGEND

	2X2 TROFFER LIGHT LED
	DOWNLIGHT RECESSED CAN LED
	ACCENT LIGHT MINILOOM COOPER HALO
	OCL GLOWRING 48" LED
	OCL GLOWRING 36" LED
	OCL GLOWRING 24" LED
	FLOWER PENDANT
	SMOKE DETECTOR
	FIRE SPRINKLER
	EXIT SIGN

REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"



# PERSPECTIVE RENDERINGS



HALLWAY PERSPECTIVE



KEY PLAN

GLASS CABLE WALL WHICH FEATURES BRANDING

GLASS PORTHOLES ADD WHIMSICAL ARCHITECTURAL FEATURES



DROPDOWN CEILING CREATES A FOCAL POINT ABOVE RECEPTION USING ORGANIC FORMS

CHIHLUY'S CORNER: KID'S PLAY AREA THAT FEATURES A CHALKBOARD WALL WITH CHIHLUY'S PERMANENT SKETCHES AND CRAFT TABLE

RECEPTION/WAITING AREA PERSPECTIVE



# RENDERED ELEVATIONS



GLASS PORTHOLES ADD WHIMSICAL ARCHITECTURAL FEATURES

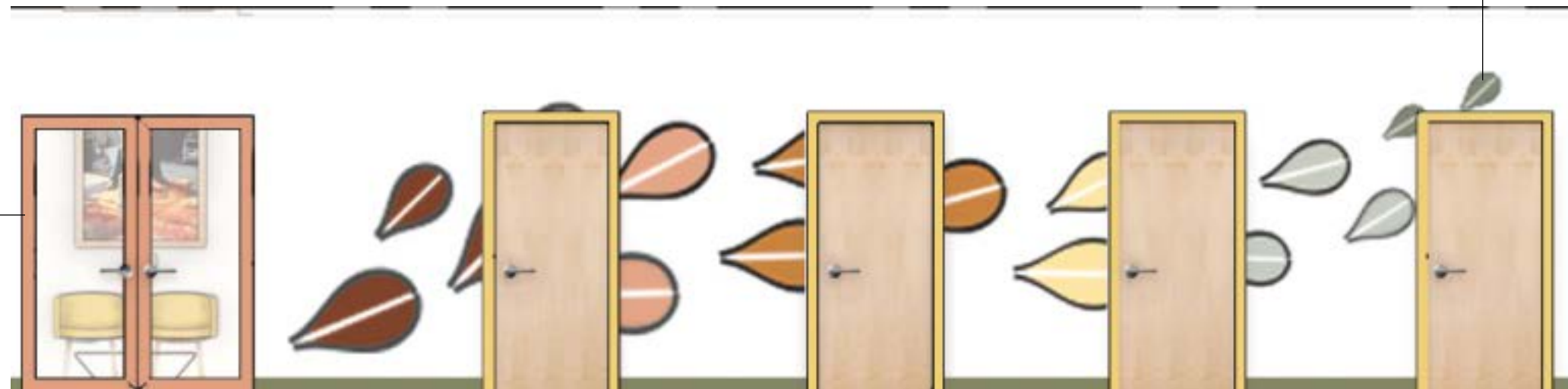


PICTURES OF CHIHULY'S GLASS WORK

SEC. WAITING/WEIGH STATION ELEVATION A  
SCALE: 1/4" = 1' Ø"

BRANDING MURAL

COLOR-CODED TRIM FOR WAYFINDING PURPOSES



HALLWAY ELEVATION B  
SCALE: 1/4" = 1' Ø"

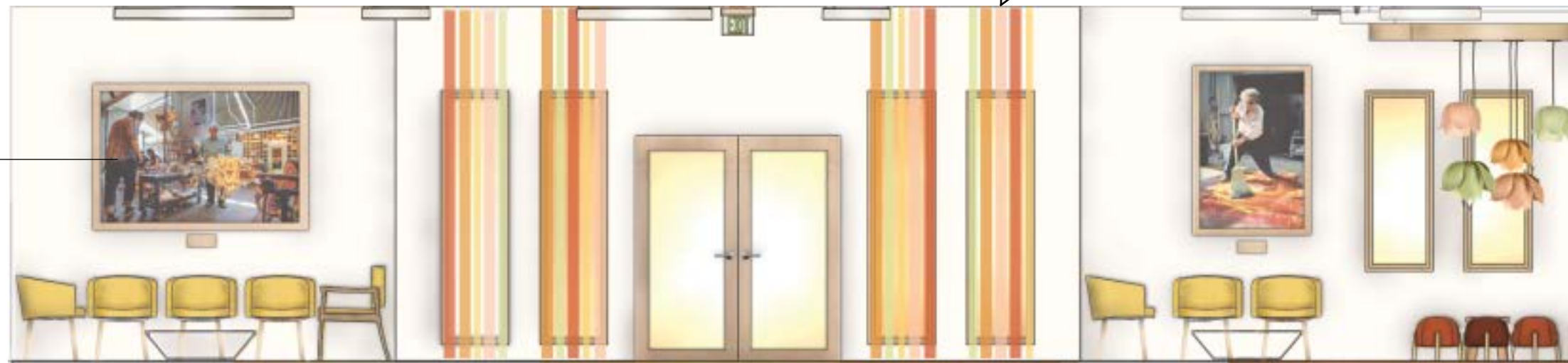
# RENDERED ELEVATIONS



STAINED GLASS  
CEILING HUNG PANELS



PICTURES OF CHIHULY AT WORK  
WITH PLAQUE UNDERNEATH THAT  
DETAILS HIS PROCESS


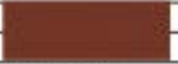







BLOSSOM PENDANTS  
HANDCRAFTED IN SEATTLE THAT  
MIMIC HIS GLASSWORK


WAITING AREA ELEVATION C  
SCALE: 1/4" = 1' Ø"




SMALLER STOOLS  
FOR KIDS' CRAFT AREA

# FURNITURE SPECIFICATIONS

WAITING AREA SEATING				1
		<b>NIMBUS JR POINT CHAIR</b> OTTOMANS ARRANGED TO CREATE SINGLE DROPS		CATALOG NUMBER: HT1K2QD UNIT COST: \$ 895.00
		MANUFACTURER: HIGHTOWER OPTIONS COST: \$ 62.00		CONTACT: MS SMITH TOTAL COST: \$ 957.00
		CONTACT: MS SMITH TOTAL COST: \$ 957.00		NOTES: USED FOR WAITING AREA 3 CHAIRS TO BE PURCHASED AS A SET, EACH HAVING A DIFFERENT FABRIC OF THE ONES SPECIFIED
FABRIC IMAGE:		OPTIONS:		
ARC-COM SANTORIN - NITMEG		GANGING UNIT - \$30 2 YARDS OF FABRIC PER CHAIR		
				
ARC-COM SANTORIN - SEAFORM				
				
ADDITIONAL OPTIONS:				
ARC-COM CHROMA - SEAFORM		SANTORIN FABRIC - \$32 PER YARD CHROMA FABRIC - \$105 PER YARD		
				

WAITING CHAIR				3
		<b>CAROLINA CINQUE</b> LOW BACK GUEST CHAIR		CATALOG NUMBER: 10BQJST UNIT COST: \$ 1049.00
		MANUFACTURER: OFS OPTIONS COST: \$ 72.00		CONTACT: MS SMITH TOTAL COST: \$ 1049.00
		CONTACT: MS SMITH TOTAL COST: \$ 1049.00		NOTES: USED IN WAITING AREA
FINISH IMAGE:		FINISHES:		
KNOLL INSTINCT - MUSTARD		UPHOLSTERED SEAT AND BACK WOOD: LINEN 2 YARDS OF FABRIC PER CHAIR		
				
WOOD FINSH:		ADDITIONAL OPTIONS: KNOLL INSTINCT - \$36 PER YARD		
				

KIDS CRAFT CHAIR				4
		<b>SALLY</b> A LIGHTWEIGHT STOOL THAT IS VERSATILE AND FUNCTIONAL		STYLE NUMBER: GZ175DK UNIT COST: \$ 995.00
		MANUFACTURER: HIGHTOWER OPTIONS COST: \$ 32.00		CONTACT: MS SMITH TOTAL COST: \$ 1027.00
		CONTACT: MS SMITH TOTAL COST: \$ 1027.00		NOTES: CHAIRS TO BE USED FOR CHILDREN AT THE CRAFT TABLE
PRODUCT IMAGE(S):		FINISHES:		
ARC-COM SANTORIN - NITMEG		WOOD: SCAPED OAK FABRIC: 1 YARD PER STOOL		
				
ARC-COM SANTORIN - CINAMON		ADDITIONAL OPTIONS: SANTORIN FABRIC - \$32 PER YARD		
				
WOOD FINSH:				

SECONDARY WAITING CHAIR				15
		<b>EYES</b> GUEST CHAIR WITH WOOD BASE		CATALOG NUMBER: E32QDW UNIT COST: \$2,850.00
		MANUFACTURER: HIGHTOWER OPTIONS COST: \$ 36.00		CONTACT: MS SMITH TOTAL COST: \$2,850.00
		CONTACT: MS SMITH TOTAL COST: \$2,850.00		NOTES: USED IN SECONDARY WAITING
FABRIC IMAGE:		OPTIONS:		
KNOLL INSTINCT - MUSTARD		WOOD: CLEAR LAQUERED OAK DETAIL WITH BUTTONS		
				
WOOD FINSH:		ADDITIONAL OPTIONS: KNOLL INSTINCT - \$36 PER YARD		
				

# POST OCCUPANCY SPACE ANALYSIS

The floorplan of Fiori Pediatrics has a path of travel which allows patients and visitors to navigate through the space with ease. Along with a clear path of circulation, color coded doorframes provide as a means of wayfinding to direct patients to the correct location. The nurse's station is centrally located in order for the nurses to access the waiting room and exam rooms. Patient areas are separate from the staff areas to ensure the safety of patients. Staff areas are located near a secondary exit at the rear of the building to allow them to come and go without adding congestion to the waiting areas.

## Program Usable Square Footage Requirements

Project: Fiori Pediatrics

Kennedy M., Allie K., Emily P., Kyra F.

Space	Quantity	Assignable SF	SUBTotal ASF (= quantity x asf)	Actual Sq. Ft.	Special Considerations
<b>NON-PATIENT AREAS</b>					
2 Reception/Business Office	1	300	300	326	Open reception area with access to main entry. Privacy for business office. Very little barriers b/w patient and receptionist.
3 Workroom	1	200	200	108	18 lin. ft. of 18" deep shelves. Coat closet w/3 lin. ft. clothing rod. Worktable 10-12 sq. ft.
4 Nurses Station	1	300	300	225	Weight and blood pressure station w/2 chairs. Working space for 4 nurses. Laboratory sink.
5 Consulting Offices	3	180	540	436	Desk w/12-15 sq. ft. plus credenza/return w/8-10 sq. ft. 1-2 guest chairs. 36 lin. ft. of shelving 12" deep
6 Employee Restroom	1	150	150	104	Lavatory, toilet, separate shower room.
7 Pharmacy/Storage Area	1	80	80	134	Should not be directly accessible to patients.
8 Staff Lounge	1	150	150	198	At least 6 employees and kitchen with fridge, sink, dishwasher, ice machine, and microwave. Oven/stove not required.
<b>PATIENT AREAS</b>					
10 Waiting Area	1	500	500	568	Seating for 15 adults and 10 children. 100-200 sq. ft. of play area. Separate sick and well areas required.
11 Exam Rooms	9	90	810	888	85-100 sq. ft. Two should be bigger to accommodate mult. children or procedures. Not restricted by conventional distance requirements to plumbing waste lines.
12 Patient Restrooms	2	80	160	166	Lavatory and toilet. One located near waiting and one near exam rooms.
13 Secondary Waiting	1	100	100	92	Located close to main waiting. Seats 4 children and 4 adults.
<b>A Total Assignable SF</b>			<b>3,290</b>	<b>3,243</b>	
<b>B Circulation % <u>26</u></b>			<b>1,152</b>	<b>1,157</b>	26% circulation was predicted in early stages, and used in the end.
<b>C Total Usable SF Req.</b>			<b>4,442</b>	<b>4,400</b>	
<b>D Available</b>			<b>4,400</b>	<b>4,400</b>	
<b>E Over/Under</b>			<b>-42</b>		

Required ● Important X

