



INDE 403: HEALTH CARE DESIGN
PROJECT II: CRITICAL CARE UNIT

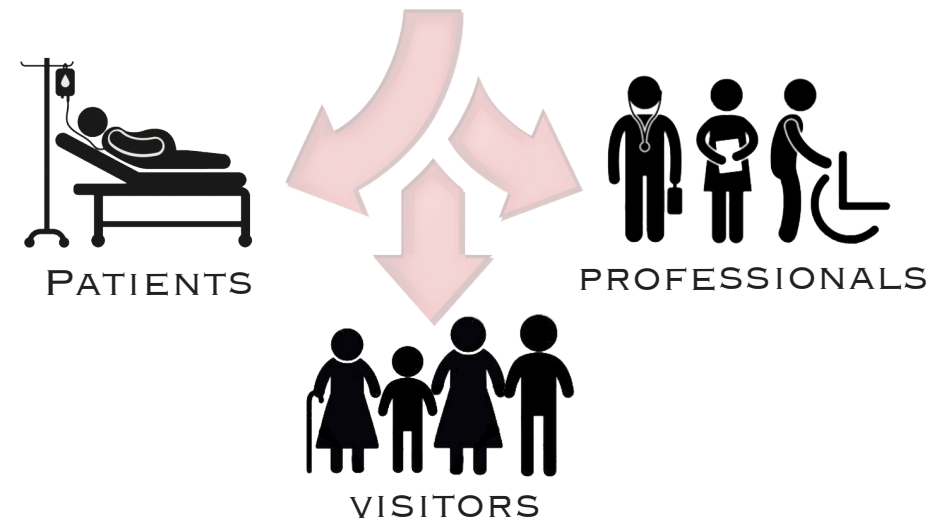
TRINH NGUYEN

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RESEARCH & INSPIRATION

PROJECT STAKEHOLDERS



EVIDENCE-BASED DESIGN STRATEGIES FOR ICU

- **SENSE OF CONTROL OVER THE ENVIRONMENT**
PROVIDE PATIENTS WITH A SENSE OF CONTROL OVER THEIR ENVIRONMENT - DO THEY HAVE PRIVACY WHEN DESIRED, CAN THEY FIND THEIR WAY AROUND THE HOSPITAL ON THEIR OWN, CAN THEY CONTROL THE NOISE FROM WITHIN THEIR PATIENT ROOM, THE TIME THEY WANT TO EAT THEIR MEALS, OR THE TEMPERATURE IN THEIR ROOM. IF THEY HAVE A SENSE OF CONTROL OVER THEIR ENVIRONMENT, IT WILL IMPACT THEIR HEALTH AND WELL-BEING POSITIVELY.
- **CONNECTION TO NATURE**
STUDIES SHOW NATURE IS A THERAPEUTIC DISTRACTION, AND EVEN SHORT-TERM EXPOSURE TO IT CAN REDUCE STRESS. RESEARCH BY ULRICH, KIM, AND CERVINKA SHOWS THE STRESS OF AN UNPLEASANT HOSPITAL OR HEALTHCARE ENVIRONMENT CAN CAUSE A PATIENT TO FEEL ANXIOUS, SAD, OR HELPLESS. A PLEASING ENVIRONMENT, INCLUDING SCENES OF NATURE, IS ASSOCIATED WITH MORE POSITIVE FEELINGS.
- **POSITIVE DISTRACTIONS**
POSITIVE DISTRACTIONS ARE THINGS THAT TAKE YOUR MIND OFF BEING AT THE HOSPITAL OR UNDERGOING STRESS EVEN IF JUST FOR A BRIEF MOMENT.
- **ELIMINATION OF ENVIRONMENTAL STRESSORS**
THINGS LIKE POOR WAYFINDING, SMELLS, HARSH LIGHTING, CLUTTERED CORRIDORS, UNORGANIZED SPACES AND POOR TEMPERATURE CONTROL CAN CAUSE MORE STRESS TO THE PATIENT OR VISITOR.
- **PROVIDING SOCIAL SUPPORT**
PROVIDING WAYS THAT THE SUPPORT SYSTEMS OF PATIENTS (TYPICALLY FAMILY AND FRIENDS) CAN BE ENHANCED AND/OR MAINTAINED. THINGS LIKE VISITING HOURS FOR FAMILY MEMBERS, A PLACE TO SIT IN THE EXAM ROOM, OR A PLACE TO STAY THE NIGHT IN A PATIENT ROOM.



MISSION STATEMENT

THE DESIGN IS INSPIRED BY THE LOTUS FLOWER. IN MANY CULTURES, THE LOTUS SYMBOLIZES SELF-REGENERATION AND REBIRTH. WITH THIS IN MIND, THE GOAL OF THIS PROJECT IS TO FOCUS ON PROVIDING A HEALING ENVIRONMENT WHERE PATIENTS AND STAFF MEMBERS CAN **UNWIND, FEEL REJUVENATED AND FLOURISH.**

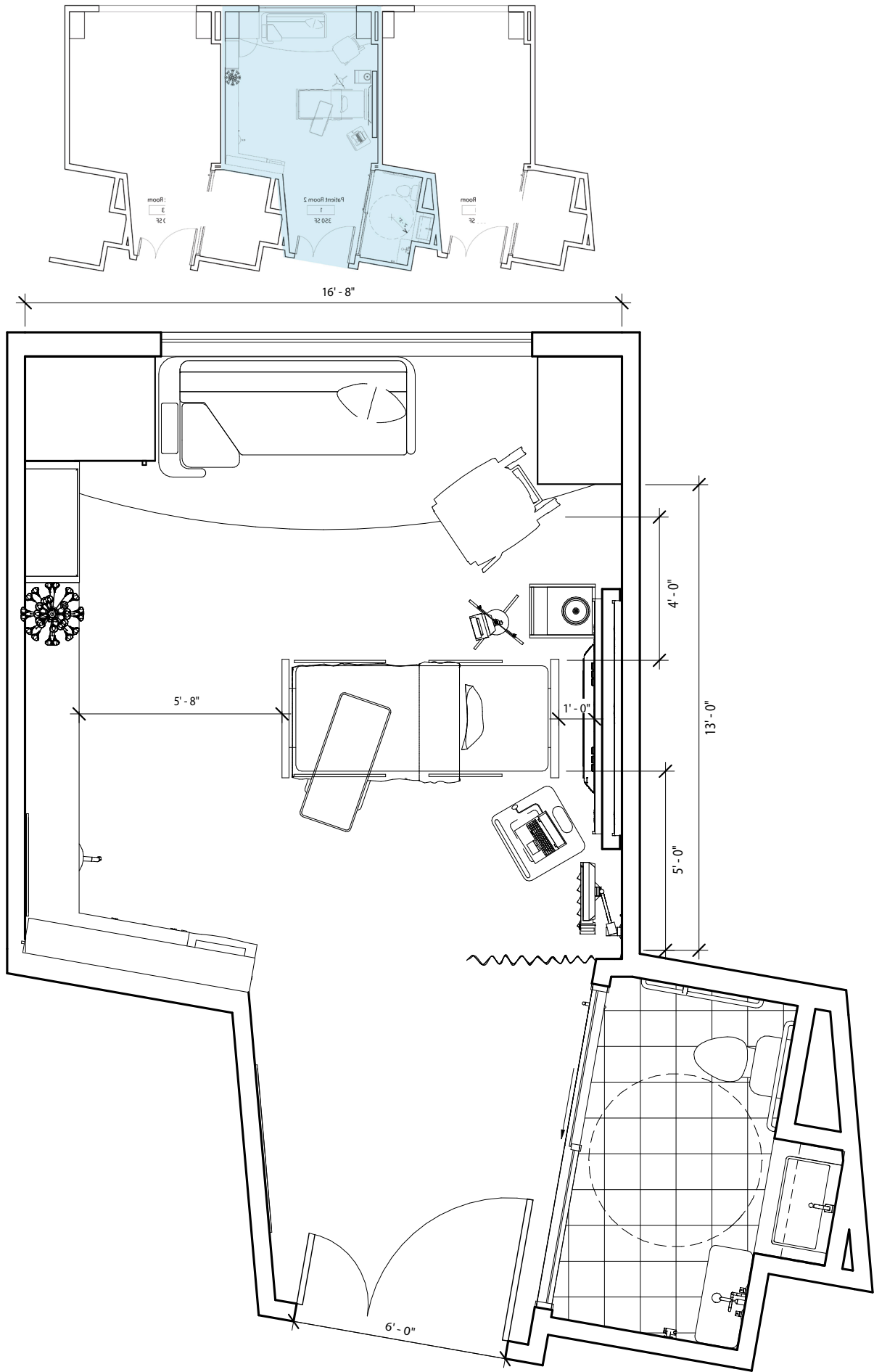
FLOOR PLAN



KEY

1	ELEVATOR	71 SF
2	LOBBY	220 SF
3	CHECK IN/CHECK OUT	300 SF
4	COPY/PRINTING	77 SF
5	WAITING AREA	460 SF
6	OFFICE	133 SF
7	STAFF BREAK ROOM	604 SF
8	STAFF TOILET	191 SF
9	STAFF LOCKER	95 SF
10	WELLNESS ROOM	105 SF
11	ON-CALL ROOM	314 SF
12	ON-CALL TOILET	53 SF
13	PATIENT TOILET	58 SF
14	PATIENT ROOM	342 SF
15	STORAGE	53 SF
16	MULTI-PURPOSE	750 SF
17	PUBLIC TOILET	69 SF
18	ICE MAKING	96 SF
19	HAND WASHING	80 SF
20	SOILED WORKROOM	144 SF
21	CLEAN WORKROOM	150 SF
22	JANITOR	78 SF
23	STAFF ELEVATOR	96 SF
24	NURSE STATIONS	990 SF
25	MEDICATION ZONE	270 SF
26	NURSE OFFICE	100 SF
27	EQUIPMENT STORAGE	366 SF
28	NOURISHMENT ROOM	154 SF

PATIENT ROOM



VIEW 1 - LOOKING AT THE WINDOW

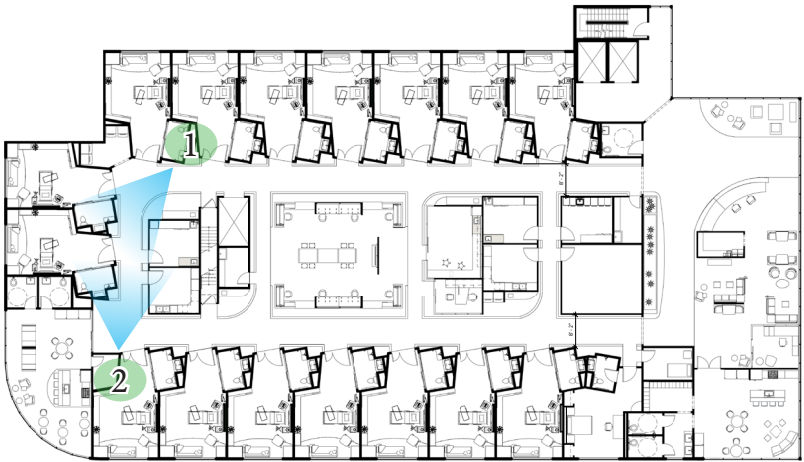


VIEW 2 - LOOKING AT THE ENTRANCE

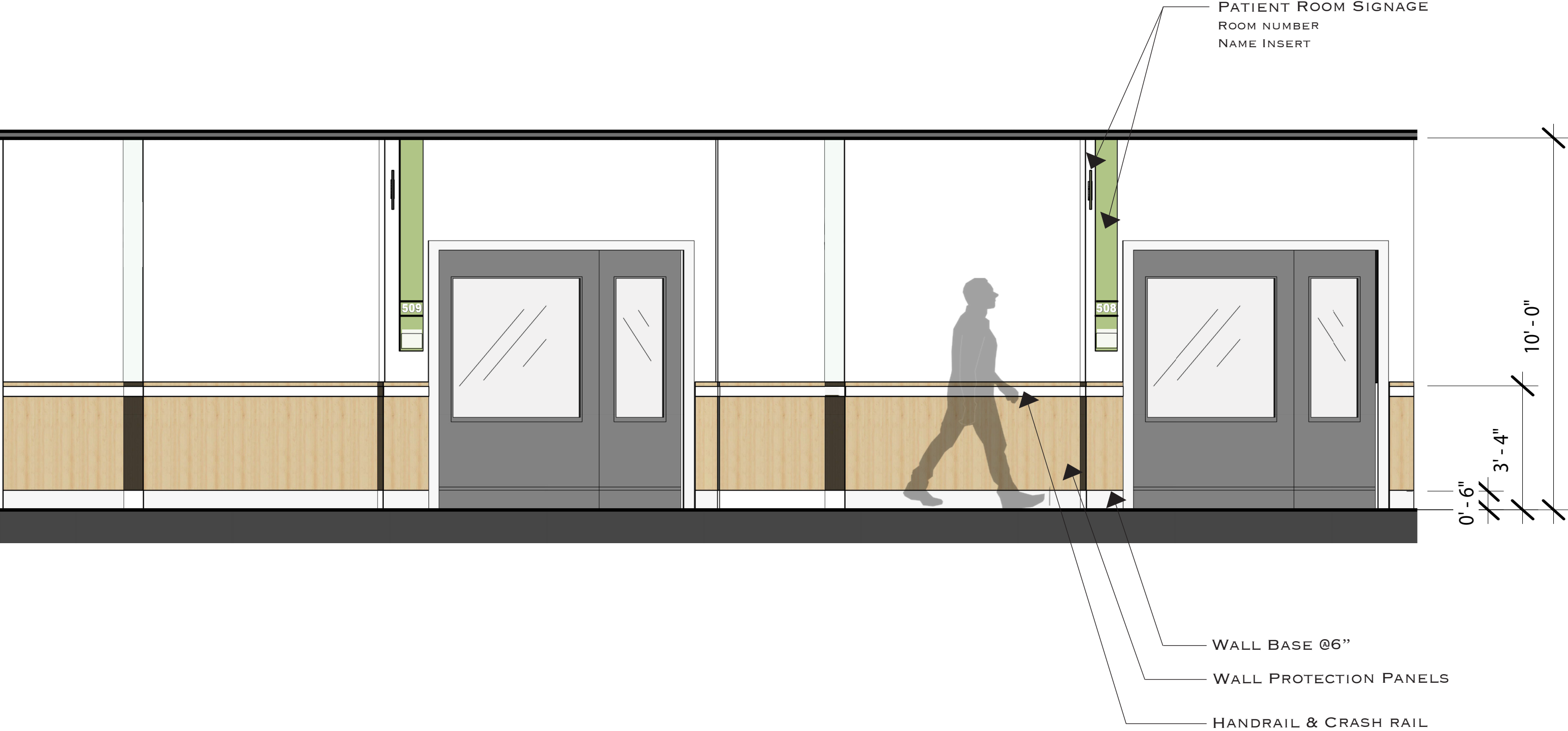
WAYFINDING & THEME



WAYFINDING & THEME



PATIENT CORRIDOR ELEVATION



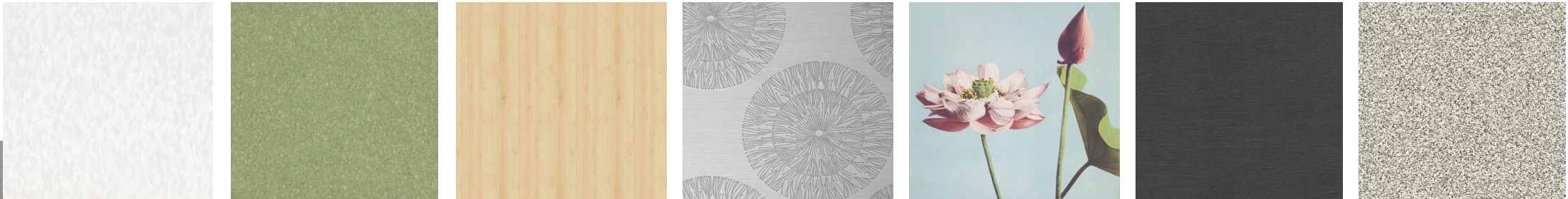
FINISH SELECTIONS

PAINT COLORS – SHERWIN WILLIAMS



SW 6385 SW 7531 SW 6717 SW 6431 SW 6461

PATIENT SPACES



PATIENT ZONE VCT FLOORING | WHITE OUT **ARMSTRONG** FAMILY ZONE VCT FLOORING | GREEN APPLE **ARMSTRONG** WALL PROTECTION | CLASSIC MAPLE **ACROVYN** CUBICLE CURTAIN | 43/SLATE **INTERSPEC** VINYL HD WALLCOVERING UPHOLSTERY | BLACK TIDE **PALLAS** UPHOLSTERY | AUTHENTIC **PALLAS**

STAFF SPACES



VCT FLOORING | GREEN APPLE **ARMSTRONG** STAFF LOUNGE CARPET TILE | 6610 PATINA **INTERFACE** WORKSURFACE | CHALK WHITE, XI **HERMAN MILLER** LAMINATE | PHANTOM PEARL **WILSONART** LAMINATE | PINNACLE WALNUT **HERMAN MILLER** DECORATIVE GLASS | **YOYCART** UPHOLSTERY | ICEBERG, 1WS04 **HERMAN MILLER** UPHOLSTERY | POOL, 1WS14 **HERMAN MILLER**

PUBLIC SPACES



VINYL HD WALLCOVERING VCT FLOORING | WHITE OUT **ARMSTRONG** VCT FLOORING | LUNAR BLUE **ARMSTRONG** VCT FLOORING | GREEN APPLE **ARMSTRONG** WAITING AREA CARPET TILE | 104907 GULL **INTERFACE** UPHOLSTERY | TRANSFORMATIVE **PALLAS** UPHOLSTERY | TIMELESS **PALLAS** WALL PROTECTION | TETON WHITE **ACROVYN** LAMINATE | WALNUT ON ASH **HERMAN MILLER**

FURNITURE SELECTIONS

PUBLIC SPACES

FURNITURE



AXYL CHAIR |
ALLERUIR



AXYL STOOL |
ALLERUIR



AXYL TABLE |
ALLERUIR



CONIC CHAIR |
ALLERUIR

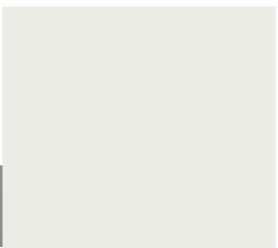


CONIC TABLE |
ALLERUIR



PEBBLE OTTOMAN |
ALLERUIR

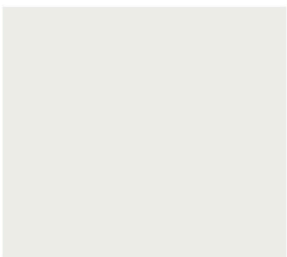
FINISHES



PLASTIC FINISH



PLASTIC FINISH



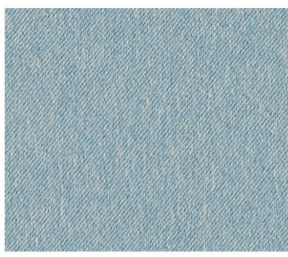
LAMINATE



UPHOLSTERY



LAMINATE



UPHOLSTERY

FURNITURE



PALISADE COLLECTION |
NEMSCHOFF



BIX LOUNGE SYSTEM |
COALESSE



JESSA SEATING |
KI



SE04 LOUNGE CHAIR |
HAWORTH

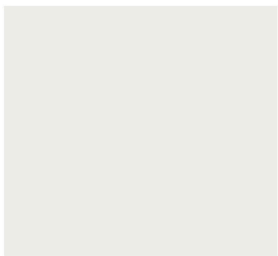
FINISHES



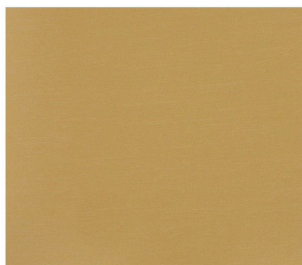
UPHOLSTERY



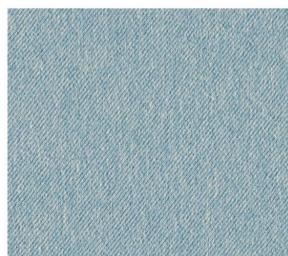
UPHOLSTERY



LAMINATE



UPHOLSTERY



UPHOLSTERY



UPHOLSTERY

FURNITURE SELECTIONS

PATIENT ROOM

FURNITURE



AVA RECLINER |
NEMSCHOFF



PALISADE FLOP SOFA |
NEMSCHOFF



POCKET |
STEELCASE



RESERVOIR |
CAROLINA

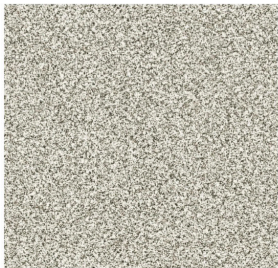


PALISADE TOTE |
NEMSCHOFF

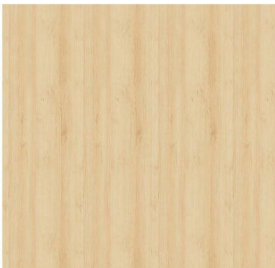
FINISHES



UPHOLSTERY



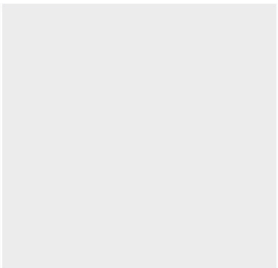
UPHOLSTERY



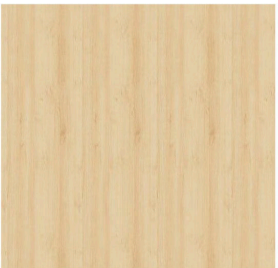
LAMINATE



PLATINUM SOLID



LAMINATE



LAMINATE

THANK YOU!