

Renovations for Science, Nursing & Respiratory Programs



BUILDING EXPERIENCE AGENDA

01

Foundation

02

**Universal
Design Goals**

03

**Exterior Main
Entry Signs**

04

**Interior
Signage +
Materials**

05

**Greenhouse
Options**

FOUNDATION

01

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1. **Mission Statement**
2. **Proejct Schedule Update**

Foundation

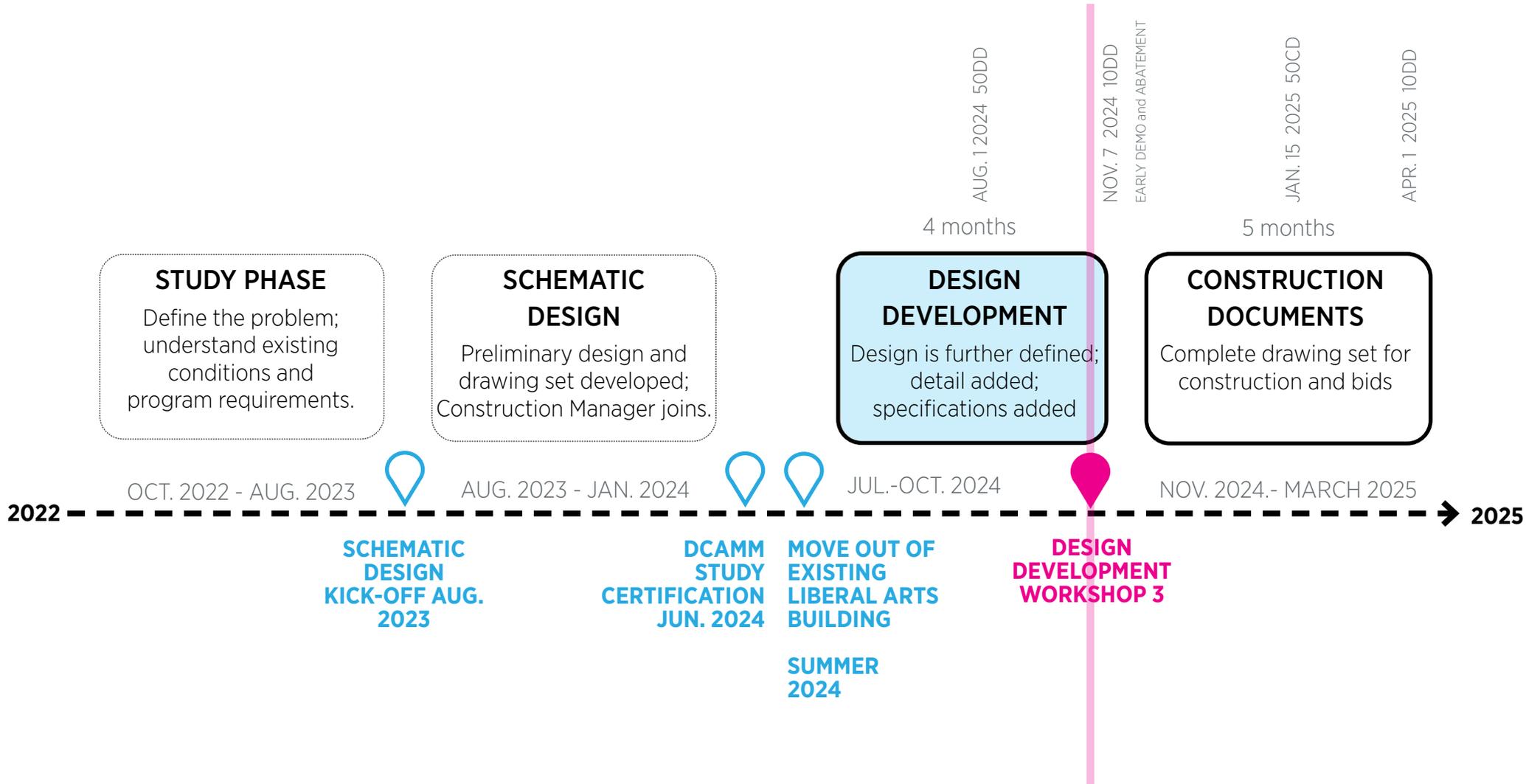
Mission Statement

Design an inclusive space for the Respiratory+Nursing and Science+Math programs that is forward-thinking, highly flexible, and unique to Massasoit Community College.



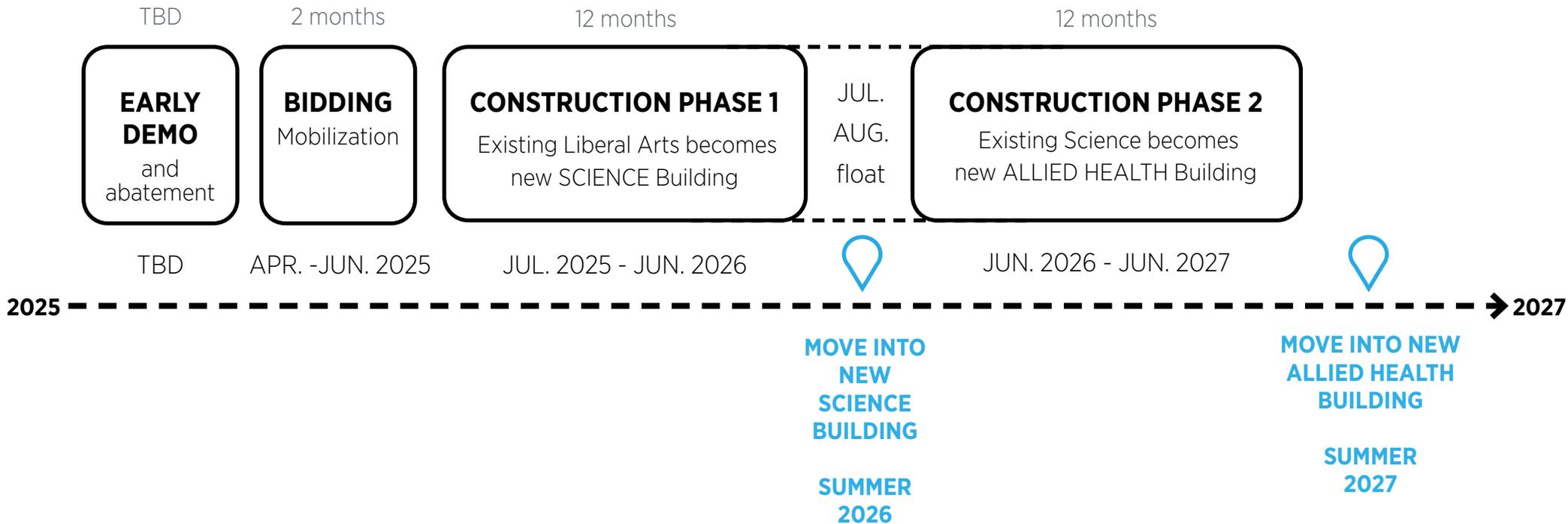
PROJECT SCHEDULE

Study and Design Schedule



PROJECT SCHEDULE

Milestone Construction Schedule



UNIVERSAL DESIGN GOALS

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1. Overall Universal Design (UD) Principles
2. Project-specific UD goals

OUR UNIVERSAL DESIGN PRINCIPLES

A BASIS FOR DESIGN

Universal Design aims to design for **everyone**, regardless of ability, neurodiversity, age, gender, sexuality, race and ethnicity. For Massasoit Community College, the design of public spaces aims to center these principles:

1. Accessibility + Inclusion
2. Equity
3. Comfort + Safety
4. Designated Use Cases + Flexibility

* Reference: "Human Rights Careers: What Is Inclusive Architecture?"

PROJECT-SPECIFIC UNIVERSAL DESIGN GOALS

FOR FURTHER DISCUSSION

#1

Improve **wayfinding** and visibility of **entrances and campus circulation** paths.

#2

Increase quantity and types of **public spaces**.

#3

Provide building support spaces that promote **well-being**, safety and security.

#4

Increase **natural light and views** into and out of the buildings at strategic locations.

#5

Use **materials** responsive and supportive of cognitive, acoustic, and behavioral sensitivities.

#6

Prioritize **social Inclusion** of all users, especially those with varied needs.

#7

Uphold **representation** that is indicative of the end user and the MCC campus community.

PROJECT-SPECIFIC UNIVERSAL DESIGN GOALS

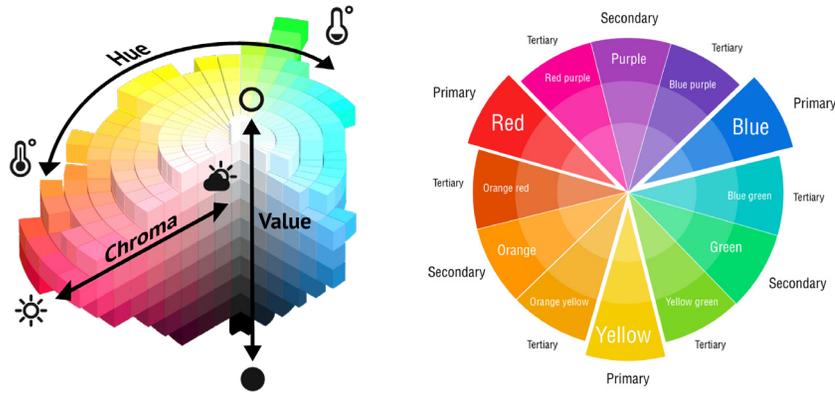
COLOR STUDIES

COLOR THEORY

HUE: THE COLOR ITSELF, SUCH AS RED, YELLOW, OR BLUE.

VALUE: THE LIGHTNESS OR DARKNESS OF THE COLOR, OR HOW MUCH LIGHT IT CONTAINS.

CHROMA: THE PURITY OR SATURATION OF THE COLOR, OR HOW STRONG IT IS.



COLOR-DEFICIENT VISION

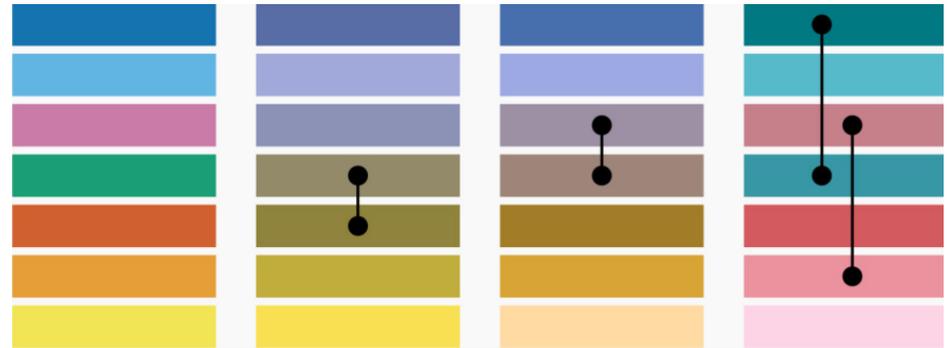
MASATAKA OKABE+KEI ITO'S COLOR UNIV. DESIGN (CUD) PALETTE:

FULL COLOR
SPECTRUM VISION

PROTANOPIA
RED-BLIND

DEUTERANOPIA
GREEN-BLIND

TRITANOPIA
BLUE-BLIND



COLOR IDENTITY



PROJECT-SPECIFIC UNIVERSAL DESIGN GOALS

COLOR THEORY AND PSYCHOLOGY

COLOR PSYCHOLOGY



Color Psychology - ENERGY • CREATIVITY • OPTIMISM • EXCITEMENT
WARM TONES CAN STIMULATE ENERGY, FOCUS, AND COGNITIVE ENGAGEMENT.



Color Psychology - CALM • STABILITY • BALANCE • SAFETY
COOL TONES CAN PRODUCE FEELINGS OF TRANQUILITY, ALLEVIATE STRESS, REDUCE ANXIETY.

EXTERIOR MAIN ENTRY SIGNS

01

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1. Science and Allied Health Final Options

BUILDING ENTRY SIGNAGE & MATERIALS

NEW ALLIED HEALTH BUILDING - FINAL SIGNAGE DESIGN

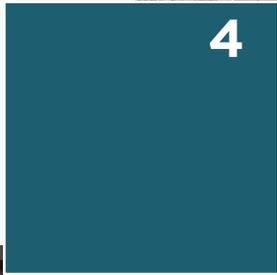
1. EXISTING PRE-CAST CONCRETE PANEL
2. ANODIZED BRONZE STANDING SEAM METAL ROOF
3. WOOD-LOOK SOFFIT
4. COLORFUL FIBER-CEMENT INFILL PANELS



BUILDING ENTRY SIGNAGE & MATERIALS

NEW ALLIED HEALTH BUILDING - FINAL SIGNAGE DESIGN

1. EXISTING PRE-CAST CONCRETE PANEL
2. ANODIZED BRONZE STANDING SEAM METAL ROOF
3. WOOD-LOOK SOFFIT
4. COLORFUL FIBER-CEMENT INFILL PANELS



BUILDING ENTRY SIGNAGE & MATERIALS

NEW SCIENCE BUILDING - FINAL SIGNAGE DESIGN

1. EXISTING PRE-CAST CONCRETE PANEL
2. ANODIZED BRONZE STANDING SEAM METAL ROOF
3. WOOD-LOOK SOFFIT
4. COLORFUL FIBER-CEMENT INFILL PANELS



BUILDING ENTRY SIGNAGE & MATERIALS

NEW SCIENCE BUILDING - FINAL SIGNAGE DESIGN

1. EXISTING PRE-CAST CONCRETE PANEL
2. ANODIZED BRONZE STANDING SEAM METAL ROOF
3. WOOD-LOOK SOFFIT
4. COLORFUL FIBER-CEMENT INFILL PANELS



INTERIOR SIGNAGE + MATERIALS

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1. Interior Schemes
2. Color Schemes + Fonts
3. Signage Types
4. Signage Plan Diagrams
5. Science Building Materials
7. Allied Health Building Materials

ALLIED HEALTH STUDENT SPACES - OPTION 1



ALLIED HEALTH STUDENT SPACES - OPTION 2



SCIENCE CORRIDOR + STUDENT SPACES OPTION 1



SCIENCE CORRIDOR + STUDENT SPACES OPTION 2



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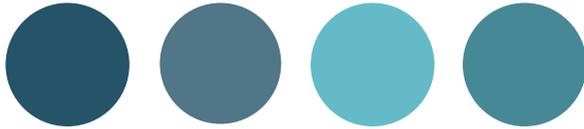
03

04

1. Interior Schemes
2. Color Schemes + Fonts
3. Signage Types
4. Signage Plan Diagrams

2. Color Schemes + Fonts

ALLIED HEALTH



1. CLASSROOMS + STUDENT SPACES
2. FACULTY
3. NURSING
3. RESPIRATORY

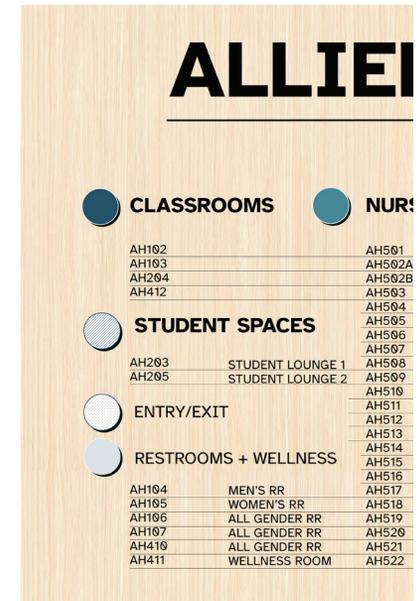
SCIENCE



1. CLASSROOMS + STUDENT SPACES
2. LABS
3. FACULTY

Proposed signage font: Atkinson Hyperlegible

Developed by the Braille Institute, “Atkinson hyper legible has been created specifically to increase legibility and comprehension for people with low vision.”



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1. Interior Schemes
2. Color Schemes + Fonts
3. Signage Types
4. Signage Plan Diagrams

3. Signage Types

LISTED FROM LARGEST TO SMALLEST BY DIMENSION

- A BUILDING DIRECTORIES
- B SUPERGRAPHICS
(CLASSROOM, LAB, + FACULTY TEXT, BATHROOM + AMENITY ICONOGRAPHY)
- C SECONDARY ROOM SIGNAGE
- D DIGITAL SIGNAGE



A. BUILDING DIRECTORIES



B. SUPERGRAPHICS



C. SECONDARY ROOM SIGNAGE



D. DIGITAL SIGNAGE

3A. Building Directories

ALLIED HEALTH DIRECTORY

ALLIED HEALTH

● CLASSROOMS
● NURSING
● RESPIRATORY

| | | | | |
|-------|--------|------------------------|-------|------------------------|
| AH192 | AH591 | NURSING STATION 91 | AH391 | RESP. CARE OBSERVATION |
| AH193 | AH592A | NURSING SKILLS LAB 91 | AH392 | RESP. CARE SIMULATION |
| AH204 | AH592B | NURSING SKILLS LAB 92 | AH393 | CONTROL |
| AH412 | AH593 | NURSING SUPPLY (DIRTY) | AH394 | RESP. CARE OPEN LAB |
| | AH594 | STORAGE | AH395 | RESP. CARE SUPPLY ROOM |
| | AH595 | NURSING SUPPLY (CLEAN) | AH396 | OXYGEN STORAGE |
| | AH596 | NURSING PREP | AH397 | RESP. CARE SKILLS LAB |
| AH283 | AH597 | NURSING STAT. 2 | AH398 | RESP. CARE SUPPLY ROOM |
| AH295 | AH598 | NURSING DEBRIEF | | |
| | AH599 | NURSING DEBRIEF | | |
| | AH510 | NURSING DEBRIEF | | |
| | AH511 | NURSING DEBRIEF | | |
| | AH512 | SIMULATION ROOM | | |
| | AH413 | CONTROL | AH399 | PRINTING |
| | AH414 | CONTROL | AH319 | OFFICE |
| | AH415 | SIMULATION ROOM | AH311 | NURSING FACULTY |
| | AH416 | SIMULATION ROOM | AH483 | DEAN'S OFFICE |
| AH194 | AH517 | CONTROL | AH484 | OFFICE ADMIN |
| AH195 | AH518 | CONTROL | AH495 | OFFICE |
| AH196 | AH519 | SIMULATION ROOM | AH496 | OFFICE |
| AH197 | AH520 | PRIVATE ASSESSMENT | AH497 | OFFICE |
| AH419 | AH521 | PRIVATE ASSESSMENT | AH498 | OFFICE |
| AH411 | AH522 | ACTIVE LEARNING CLASS. | AH499 | OFFICE |

● STUDENT SPACES

● ENTRY/EXIT

● RESTROOMS + WELLNESS



★ YOU ARE HERE

♿ WELLNESS RM.

♿ MEN'S RESTROOM

♿ WOMEN'S RESTROOM

♿ ALL GENDER RESTROOM

SCIENCE DIRECTORY

SCIENCE

● CLASSROOMS
● LABS
● FACULTY

| | | | | |
|------|------|---------------------------|------|-----------------------|
| S591 | S292 | ORGANIC CHEMISTRY | S194 | FACULTY BREAK ROOM |
| S595 | S296 | CHEMISTRY | S195 | OFFICE |
| | S301 | BIOLOGY / EARTH SCIENCE | S196 | OFFICE |
| | S383 | PHYSICS / EARTH SCIENCE | S197 | OFFICE |
| | S483 | BIOLOGY | S198 | OFFICE |
| | S497 | BIOLOGY | S199 | OFFICE |
| S297 | S582 | ANATOMY + PHYSIOLOGY | S119 | OFFICE |
| S498 | S596 | CELL + MOLECULAR RESEARCH | S111 | OFFICE |
| S519 | S567 | CELL CULTURE | S112 | OFFICE |
| S511 | S599 | MICROBIOLOGY | S113 | DOUBLE OFFICE |
| | | | S114 | DOUBLE OFFICE |
| | | | S115 | DOUBLE OFFICE |
| | | | S116 | DOUBLE OFFICE |
| | | | S117 | ADMIN ASSISTANT |
| | | | S118 | DEAN'S OFFICE |
| | | | S486 | LAB TECH OFFICE |
| | | | S499 | ADJUNCT FLEX / HUDDLE |

● STUDENT SPACES

● ENTRY/EXIT

● RESTROOMS

● ACADEMIC STORAGE + PREP

AH515 INSTRUMENTATION

AH516 CHEMISTRY PREP

AH517 CHEMICAL STORAGE

AH518 EARTH SCI / PHYS. STORAGE

S301 BIOLOGY PREP + STOCK

S193 A+P PREP

S119 SPECIMEN STORAGE

S129 MEN'S RESTROOM

AH522 MICROBIOLOGY PREP



★ YOU ARE HERE

♿ MEN'S RESTROOM

♿ WOMEN'S RESTROOM

♿ ALL GENDER RESTROOM

3A. Building Directories

BUILDING IDENTIFIER — — — — — **ALLIED HEALTH** — — — — — WOOD MATERIAL

CLASSROOMS

COLOR-CODED CATEGORIES

WOMEN'S RR

ROOM NUMBERS AND NAMES

| | | |
|--|--|---|
| ● CLASSROOMS | ● NURSING | ● RESPIRATORY |
| ● STUDENT SPACES | ● ENTRY/EXIT | ● FACULTY |
| ● RESTROOMS + WELLNESS | | |

| | | | | |
|-------|--------|------------------------|-------|------------------------|
| AH192 | AH561 | NURSING STATION 91 | AH381 | RESP. CARE OBSERVATION |
| AH193 | AH562A | NURSING SKILLS LAB 91 | AH382 | RESP. CARE SIMULATION |
| AH284 | AH562B | NURSING SKILLS LAB 92 | AH383 | CONTROL |
| AH412 | AH563 | NURSING SUPPLY (DIRTY) | AH384 | RESP. CARE OPEN LAB |
| | AH564 | STORAGE | AH385 | RESP. CARE SUPPLY ROOM |
| | AH565 | NURSING SUPPLY (CLEAN) | AH386 | OXYGEN STORAGE |
| | AH566 | NURSING PREP | AH387 | RESP. CARE SKILLS LAB |
| | AH567 | NURSING STAT. 2 | AH388 | RESP. CARE SUPPLY ROOM |
| AH283 | AH568 | NURSING DEBRIEF | | |
| AH295 | AH569 | NURSING DEBRIEF | | |
| | AH510 | NURSING DEBRIEF | | |
| | AH511 | NURSING DEBRIEF | | |
| | AH512 | SIMULATION ROOM | | |
| | AH513 | CONTROL | AH389 | PRINTING |
| | AH514 | CONTROL | AH319 | OFFICE |
| | AH515 | SIMULATION ROOM | AH311 | NURSING FACULTY |
| | AH516 | SIMULATION ROOM | AH483 | DEAN'S OFFICE |
| AH194 | AH517 | CONTROL | AH484 | OFFICE ADMIN |
| AH195 | AH518 | CONTROL | AH485 | OFFICE |
| AH196 | AH519 | SIMULATION ROOM | AH486 | OFFICE |
| AH197 | AH529 | PRIVATE ASSESSMENT | AH487 | OFFICE |
| AH198 | AH521 | PRIVATE ASSESSMENT | AH488 | OFFICE |
| AH411 | AH522 | ACTIVE LEARNING CLASS. | AH489 | OFFICE |

WOOD MATERIAL

ORIENTATION MARKER

ALL GENDER RESTROOM

ICONS WITH KEY

★ YOU ARE HERE

♿ WELLNESS RM.

♂ MEN'S RESTROOM

♀ WOMEN'S RESTROOM

♂♀ ALL GENDER RESTROOM

3B. Supergraphics

LAB + CLASSROOM IDENTIFIERS



RESTROOM IDENTIFIERS



FACULTY + SUITE IDENTIFIERS



3B. Supergraphics - Restroom Options



OPTION 1

3B. Supergraphics - Restroom Options



OPTION 2

3B. Supergraphics - Restroom Options



OPTION 3

3B. Supergraphics - Restroom Options



OPTION 4

3B. Supergraphics - Restroom Options



OPTION 1



OPTION 2



OPTION 3



OPTION 4

3C. Secondary Room Signage

ALL GENDER RESTROOM SIGNAGE OPTIONS



GENDERED RESTROOM SIGNAGE OPTIONS



CLASSROOM SIGNAGE WITH ICONOGRAPHY

CLEAR IDENTIFIER AND ROOM NUMBER --- **LAB 209**

ICONS TO SHOW SPATIAL TYPES + ACTIVITIES ---

BRAILLE TEXT ---

3C. Secondary Room Signage



PAIRED WITH SUPERGRAPHICS FOR ACADEMIC AND RESTROOM SPACES

3C. Secondary Room Signage



USED TO CLARIFY DETAIL WHERE NEEDED
(I.E. RESTROOM TYPE)

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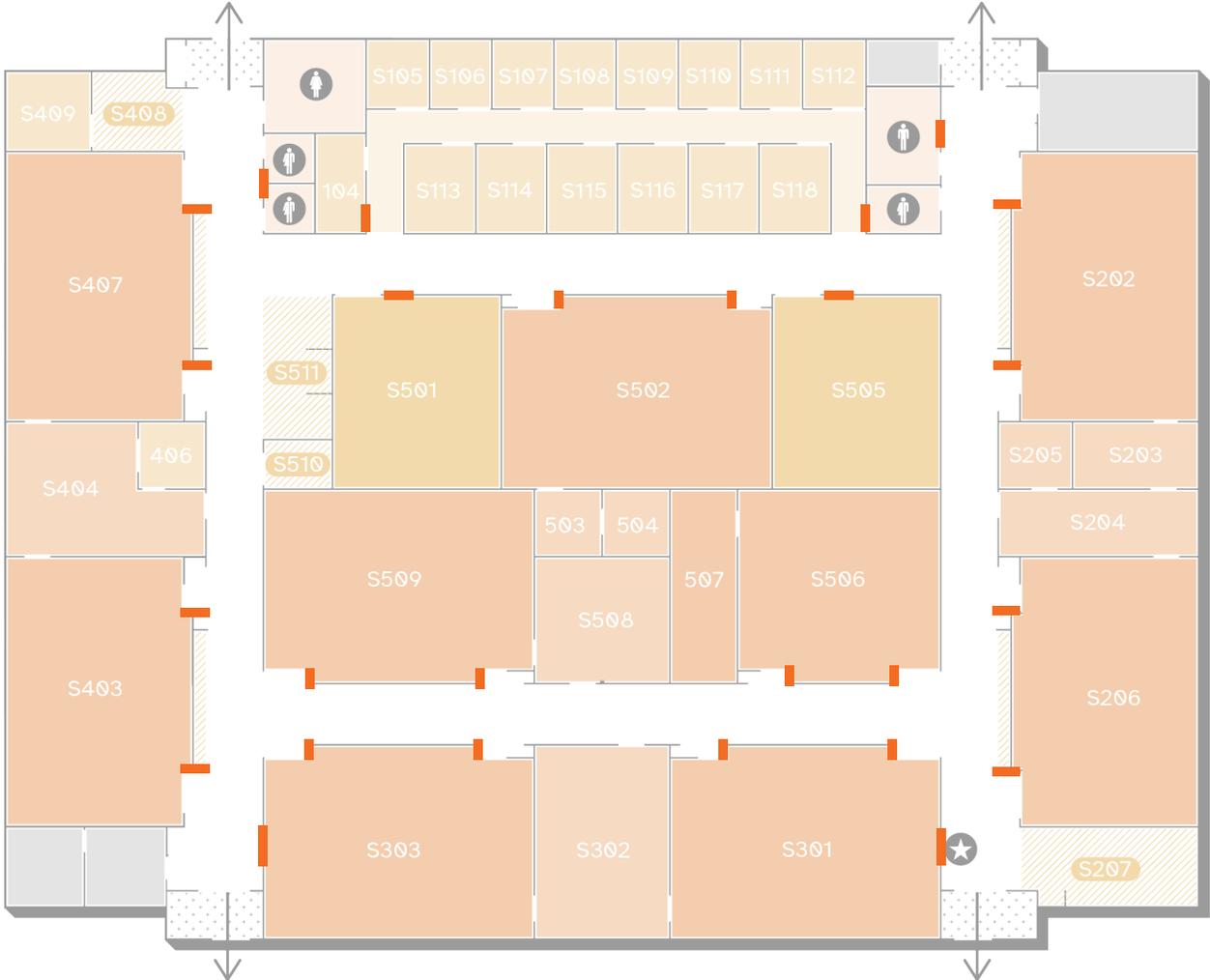
04

1. Interior Schemes
2. Color Schemes + Fonts
3. Signage Types
4. Signage Plan Diagrams

4. Supergraphics Plan Diagram - Allied Health

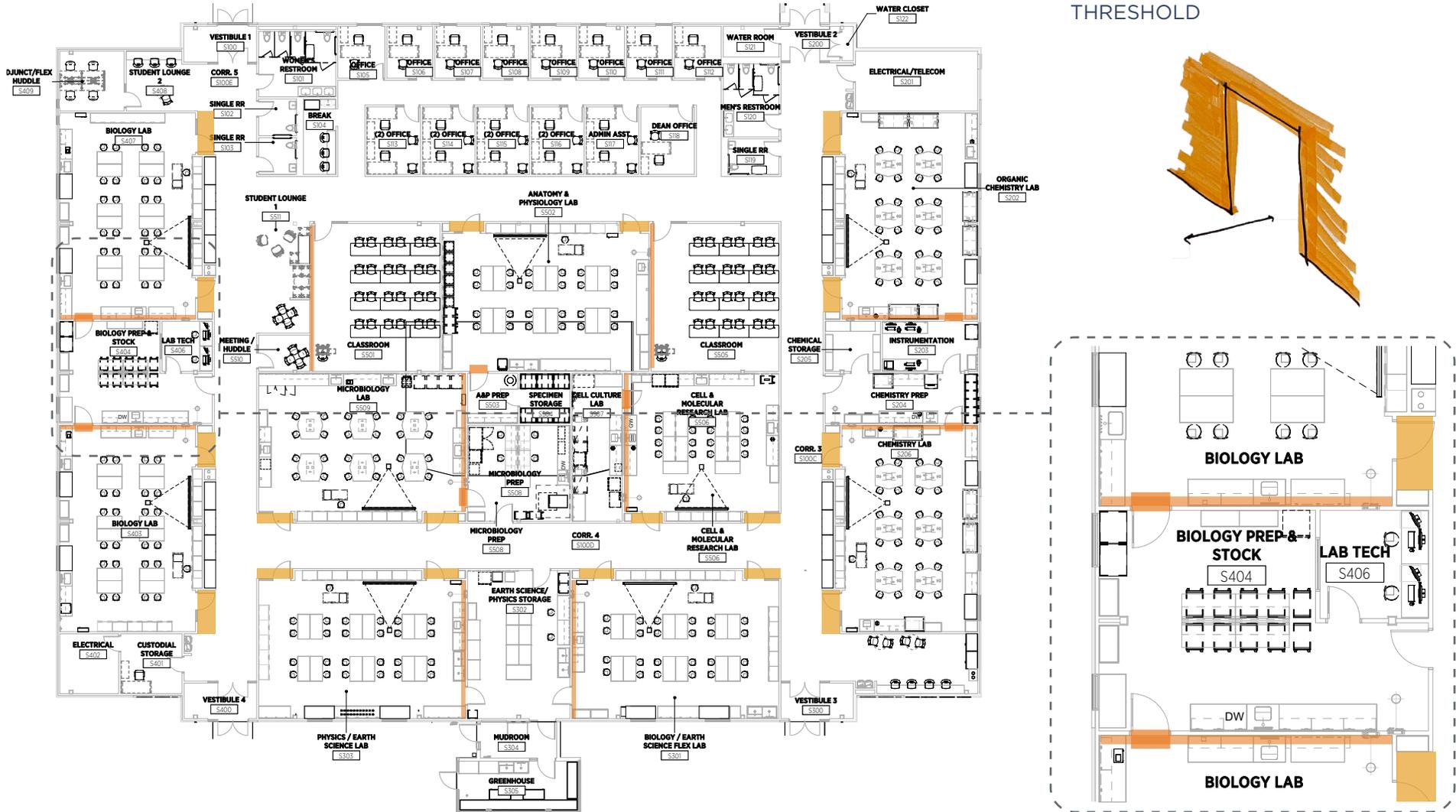


4. Supergraphics Plan Diagram - Science



SCIENCE BUILDING

LABS AND CLASSROOMS COLOR STRATEGY / PLAN CONCEPT



SCIENCE & ALLIED HEALTH BUILDING

PRECEDENTS / CLASSROOMS



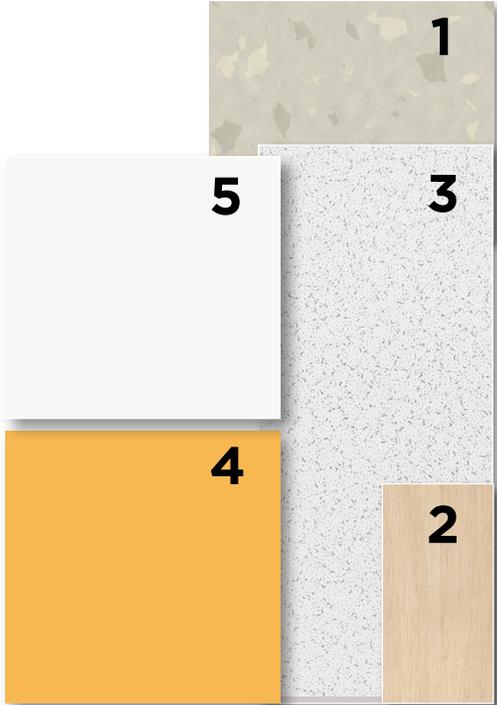
SCIENCE CLASSROOMS

COLOR & MATERIAL PALETTE

- 1. RUBBER FLOOR
- 2. WOOD DOORS
- 3. ACOUSTIC CEILING
- 4. ACCENT COLOR
- 5. NEUTRAL WALL COLOR



SCIENCE CLASSROOM



SCIENCE BUILDING

PRECEDENTS / LABS & PREP



SCIENCE BUILDING

PRECEDENTS / CASEWORK AND FURNITURE



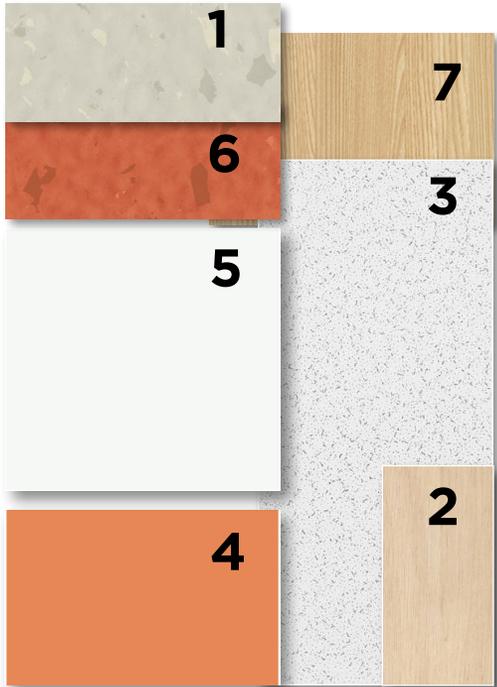
SCIENCE LABS

MATERIAL & COLOR PALETTE



BIOLOGY LAB

- 1. RUBBER FLOOR
- 2. WOOD DOORS
- 3. ACOUSTIC CEILING
- 4. ACCENT COLOR
- 5. NEUTRAL WALL COLOR
- 6. CASEWORK

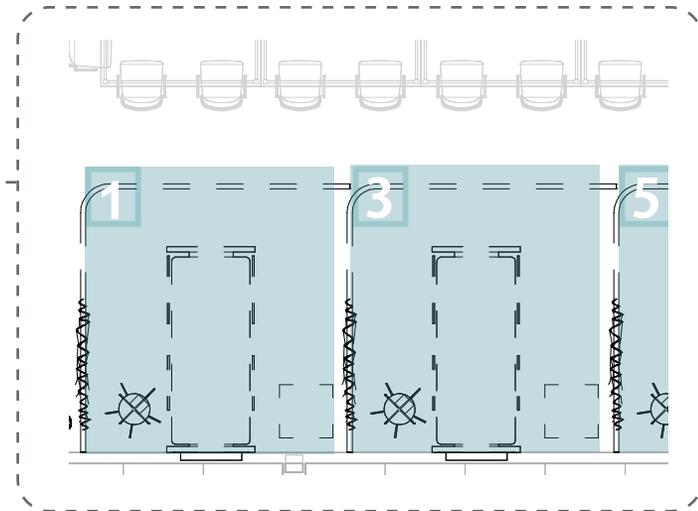
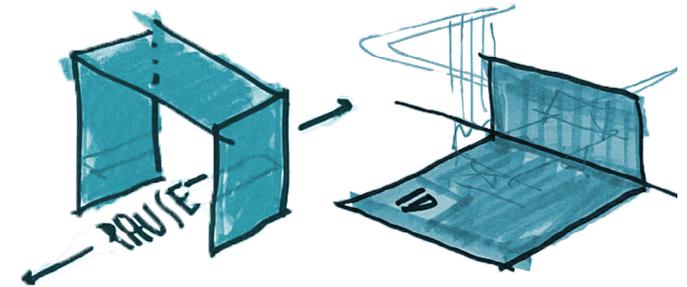


ALLIED HEALTH BUILDING

COLOR STRATEGY / PLAN CONCEPT



DESTINATION



ALLIED HEALTH BUILDING

PRECEDENTS / LABS



ALLIED HEALTH - NURSING SKILLS LAB

MATERIAL & COLOR PALETTE

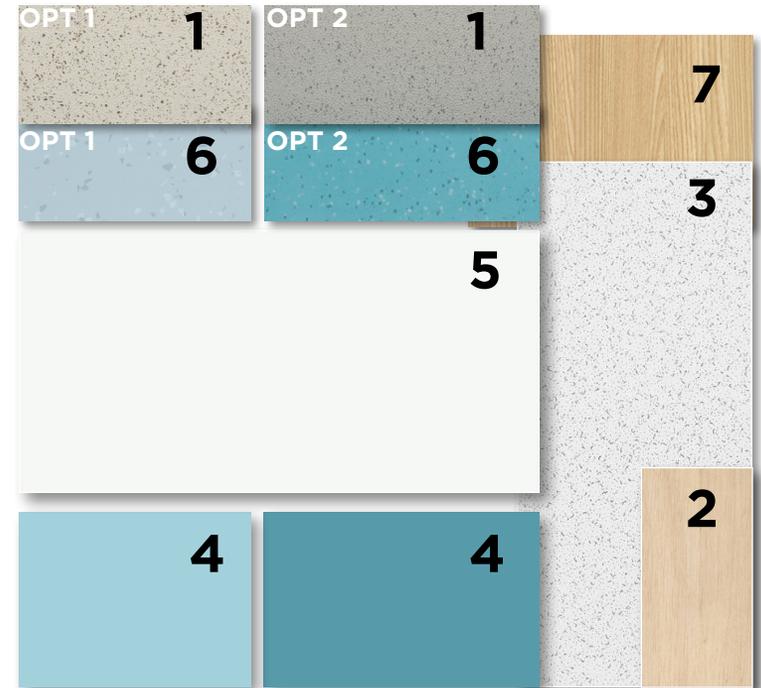


OPTION 1



OPTION 2

1. RUBBER FLOOR
2. WOOD DOORS
3. ACOUSTIC CEILING
4. ACCENT COLOR
5. NEUTRAL WALL COLOR
6. RUBBER FLOOR ACCENT
7. CASEWORK



ALLIED HEALTH - RESPIRATORY SKILLS LAB

MATERIAL & COLOR PALETTE



OPTION 1



OPTION 2

- 1. RUBBER FLOOR
- 2. WOOD DOORS
- 3. ACOUSTIC CEILING
- 4. ACCENT COLOR
- 5. NEUTRAL WALL COLOR
- 6. RUBBER FLOOR ACCENT
- 7. CASEWORK

| | | | | |
|-------|---|-------|---|---|
| OPT 1 | 1 | OPT 2 | 1 | 7 |
| OPT 1 | 6 | OPT 2 | 6 | |
| | | | 5 | 3 |
| | | | 4 | |

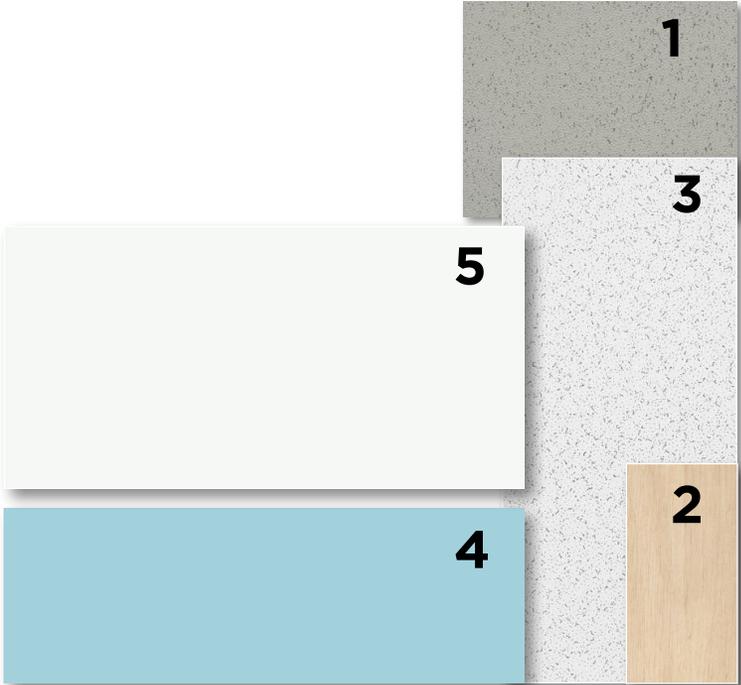
ALLIED HEALTH - CLASSROOM

MATERIAL & COLOR PALETTE

- 1. RUBBER FLOOR
- 2. WOOD DOORS
- 3. ACOUSTIC CEILING
- 4. ACCENT COLOR
- 5. NEUTRAL WALL COLOR



ALLIED HEALTH CLASSROOM



GREENHOUSE OPTIONS

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1. **Material & Color Strategy**
2. **Greenhouse Options**

GREENHOUSE

PRECEDENTS



GREENHOUSE OPTIONS

OPTION 1A



OPTION 1A - N/E VIEW



OPTION 1A - S/E VIEW

1. CONCRETE CURB
2. PAINTED ALUMINUM MULLIONS
3. POLYCARBONATE GLAZING
4. WOOD WALL PANELING



GREENHOUSE OPTIONS

OPTION 1B



OPTION 1B - N/E VIEW



OPTION 1B - S/E VIEW

1. CONCRETE KNEEWALL
2. PAINTED ALUMINUM MULLIONS
3. POLYCARBONATE GLAZING
4. WOOD WALL PANELING



GREENHOUSE OPTIONS

OPTION 2A

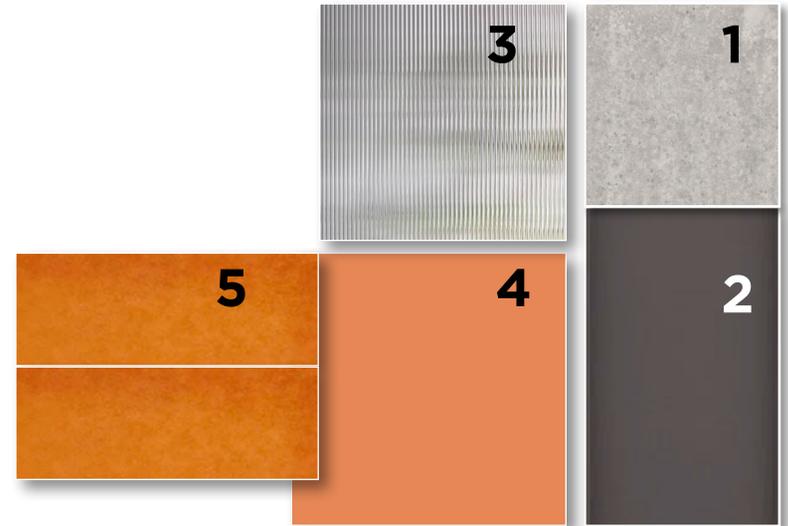


OPTION 2A - N/E VIEW



OPTION 2A - S/E VIEW

1. CONCRETE CURB
2. BRONZE ANODIZED MULLIONS
3. POLYCARBONATE GLAZING
4. EXTERIOR INFILL PANEL
5. WALL TILE



GREENHOUSE OPTIONS

OPTION 2B

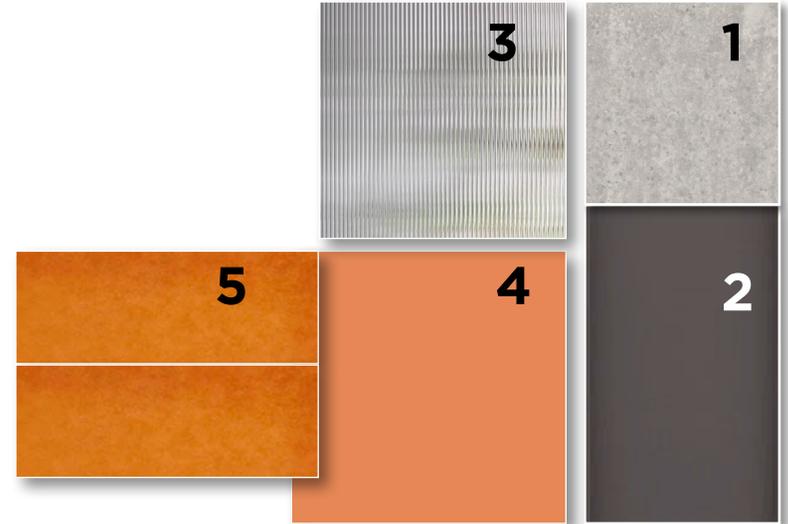


OPTION 2B - N/E VIEW



OPTION 2B - S/E VIEW

1. CONCRETE KNEEWALL
2. BRONZE ANODIZED MULLIONS
3. POLYCARBONATE GLAZING
4. EXTERIOR INFILL PANEL
5. WALL TILE



GREENHOUSE OPTIONS

OPTION 3A

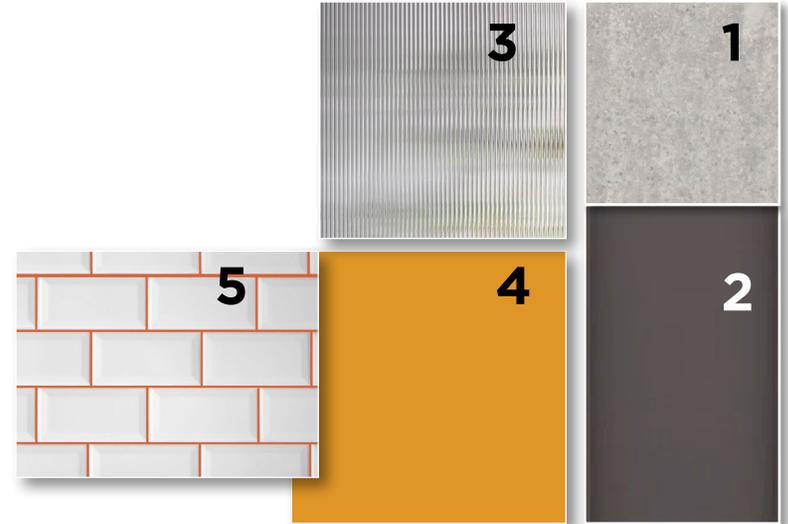


OPTION 3A - N/E VIEW



OPTION 3A - S/E VIEW

1. CONCRETE CURB
2. PAINTED ALLUMINUM MULLIONS
3. POLYCARBONATE GLAZING
4. EXTERIOR INFILL PANEL
5. WALL TILE



GREENHOUSE OPTIONS

OPTION 3B



OPTION 3B - N/E VIEW



OPTION 3B - S/E VIEW

1. CONCRETE KNEEWALL
2. BRONZE ANNOXIDIZED MULLIONS
3. POLYCARBONATE GLAZING
4. WOOD WALL PANELING

