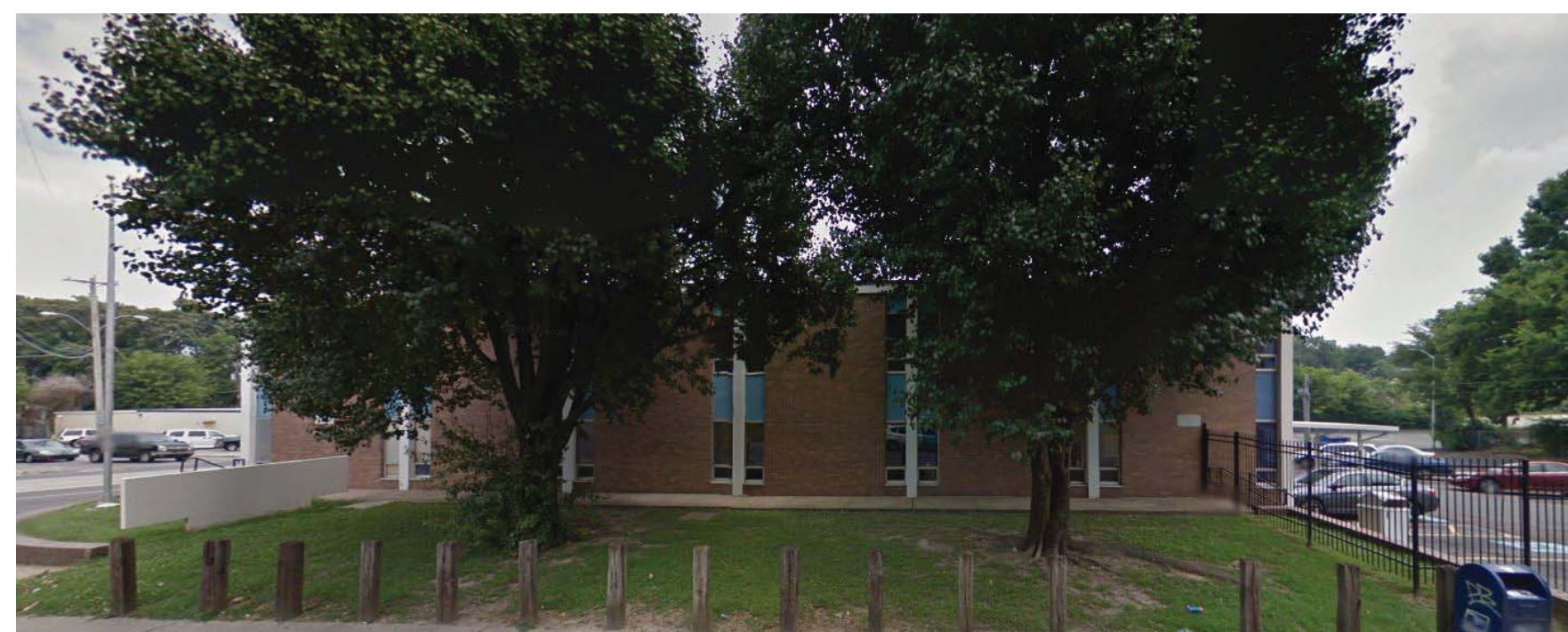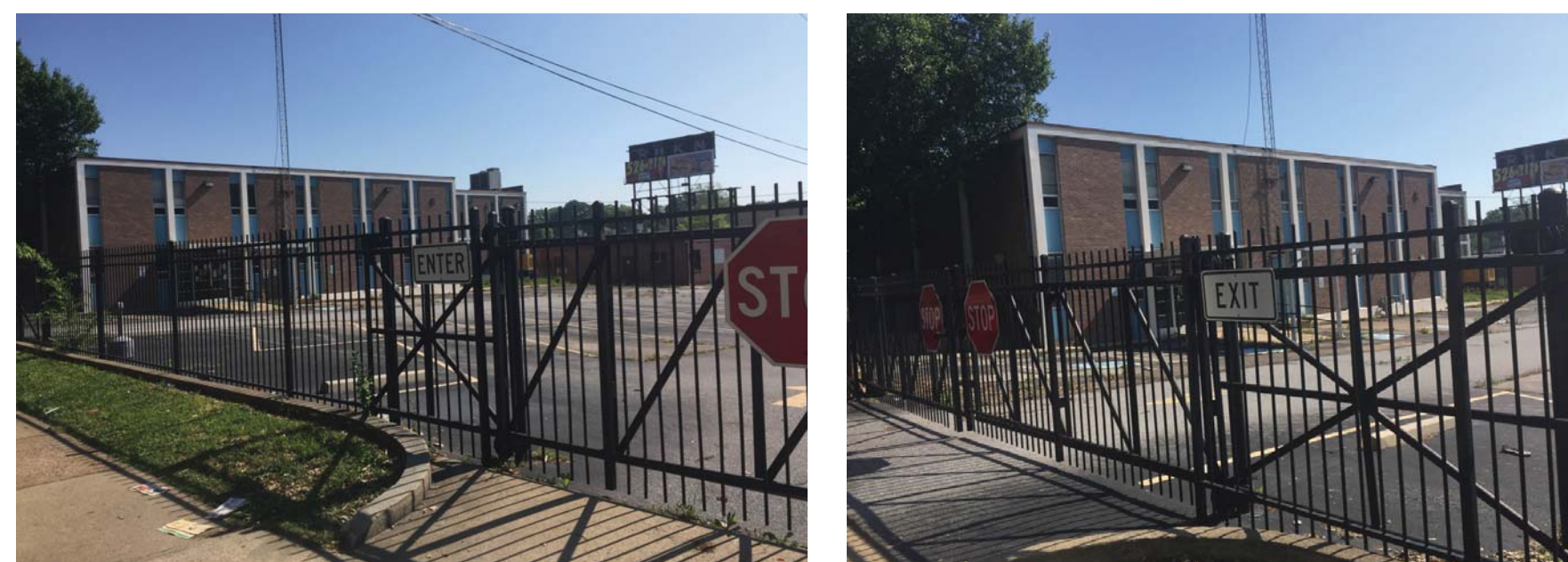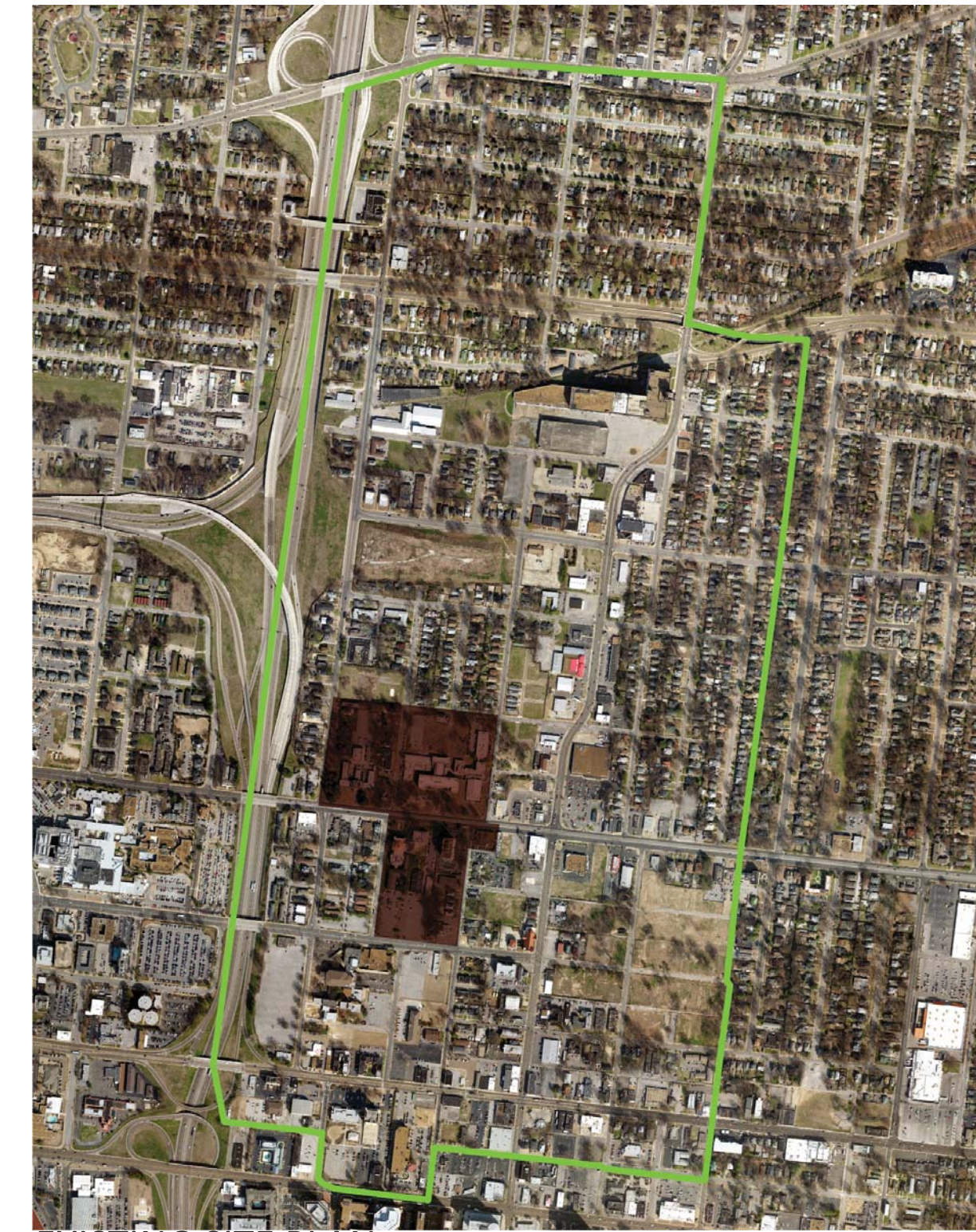# S.T.E.A.M. HUB

In the Crosstown Neighborhood, it is currently lacking education for all grade levels, and by adding a daycare, elementary school, and a youth art center, the goal is to create an educational niche that will encourage students of all ages to continue to grow their knowledge. The primary focus is the Youth Art Center that provides the art curriculum that is no longer implemented in the Shelby County Schools. The Youth Art Center not only provides art programs for students, but residents in the Crosstown Neighborhood and surrounding area can sign up in adult art-focused programs as well.
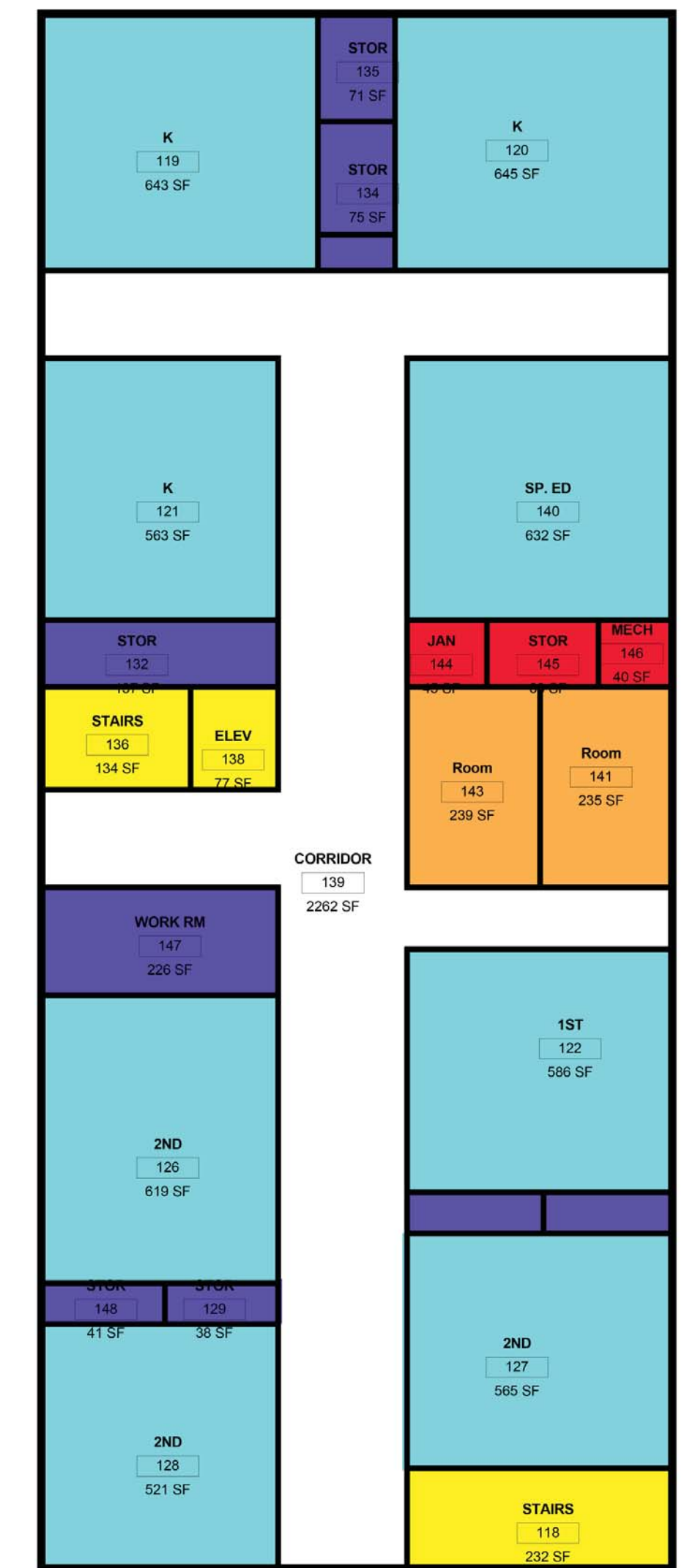

SITE PLAN
SCALE: NTS

EXISTING CONDITIONS

EXISTING SITE PLAN
SCALE: NTS

INSPIRATION DESIGNS IMAGES
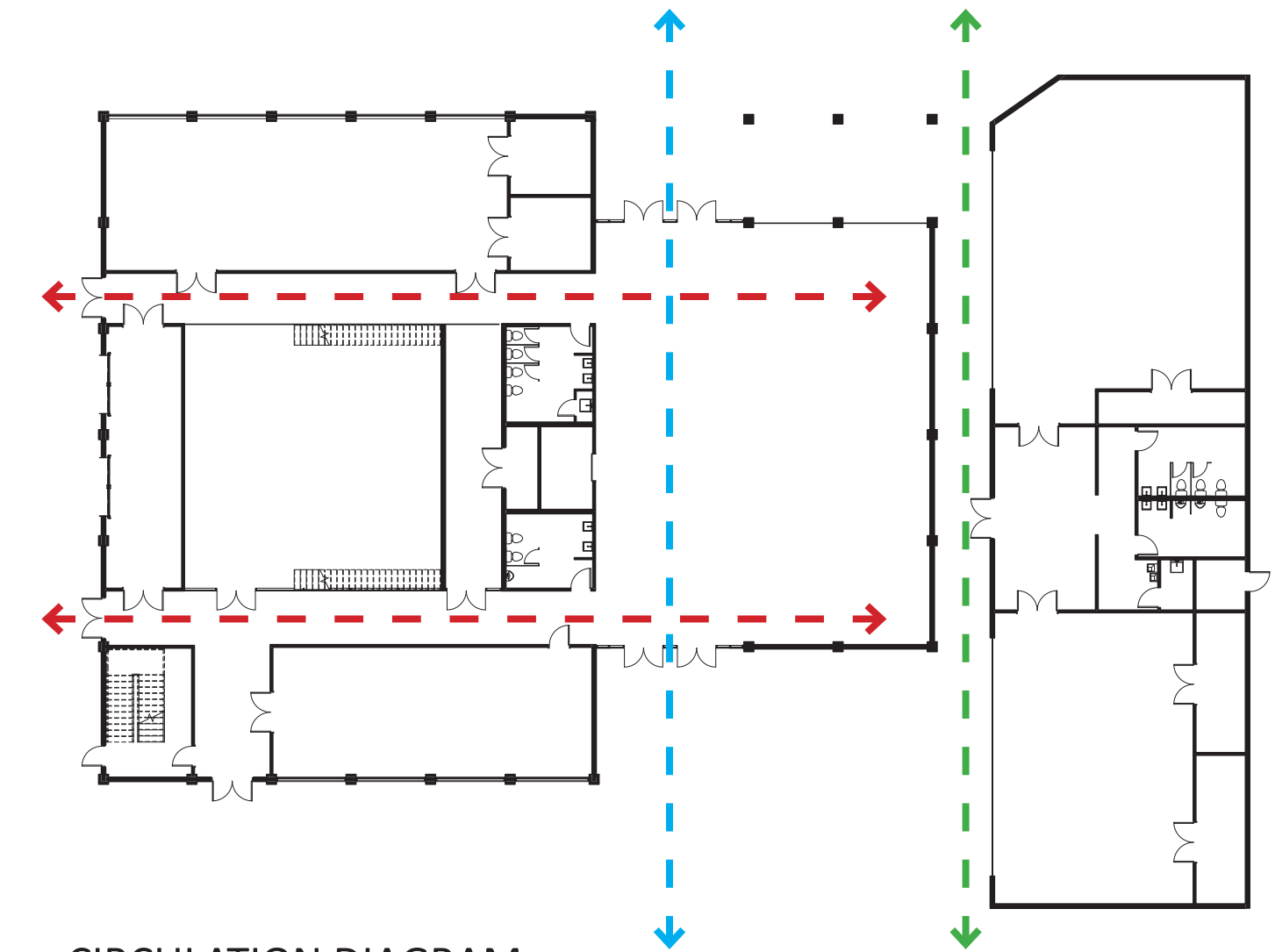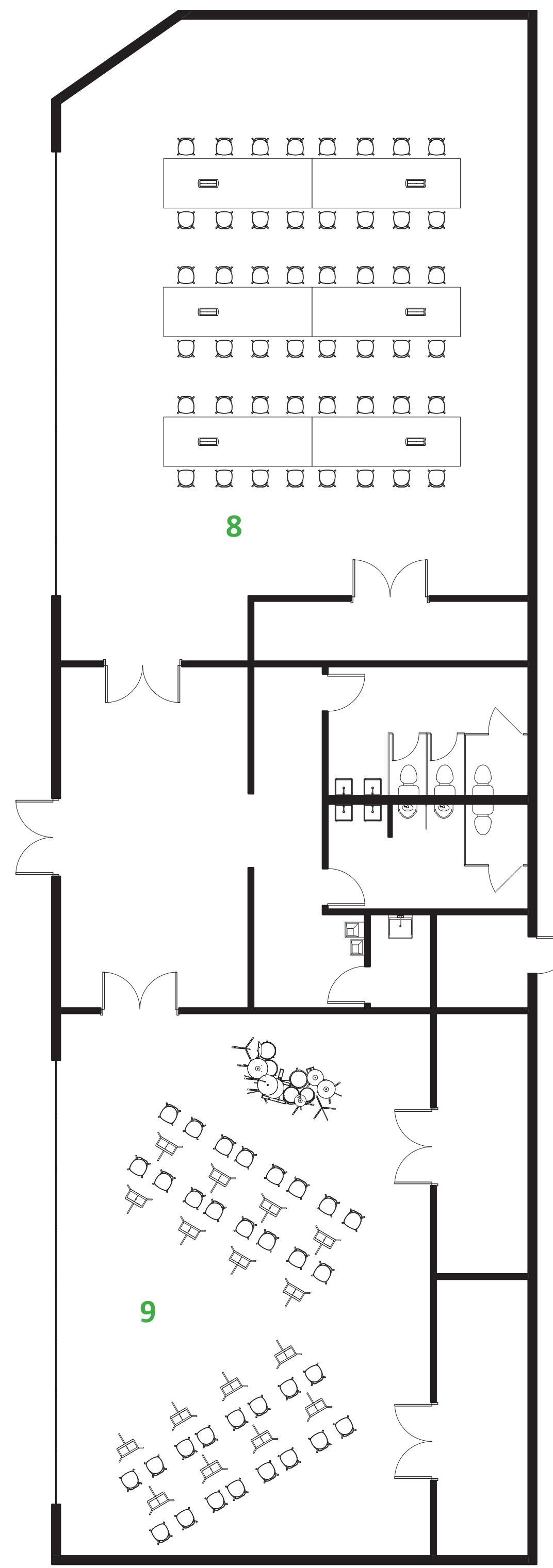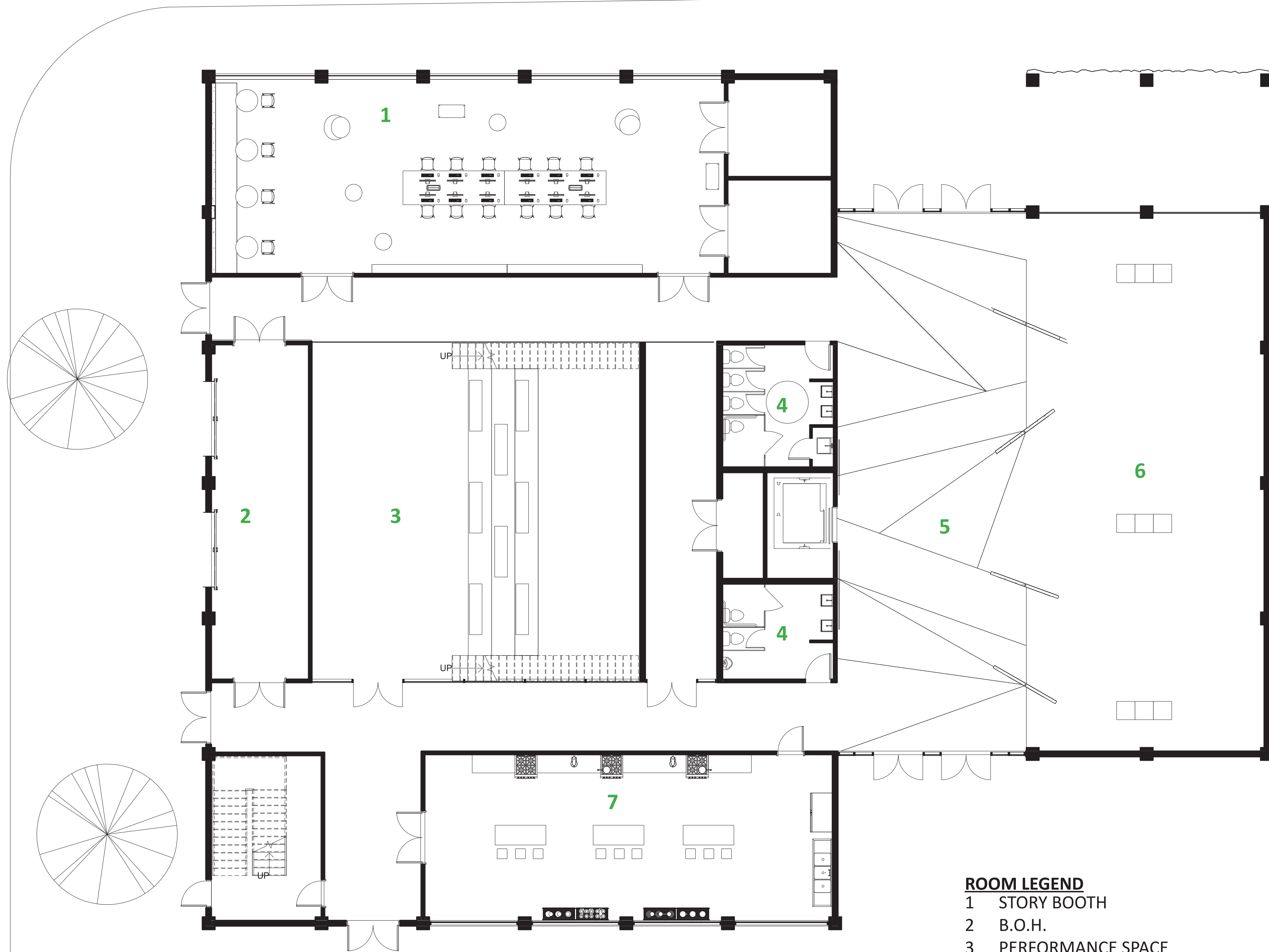

ELEMENTARY SPACE PLANNING
SCALE: NTS

DAYCARE SPACE PLANNING
SCALE: NTS

- CLASSROOMS
- RESTROOMS
- CIRCULATION
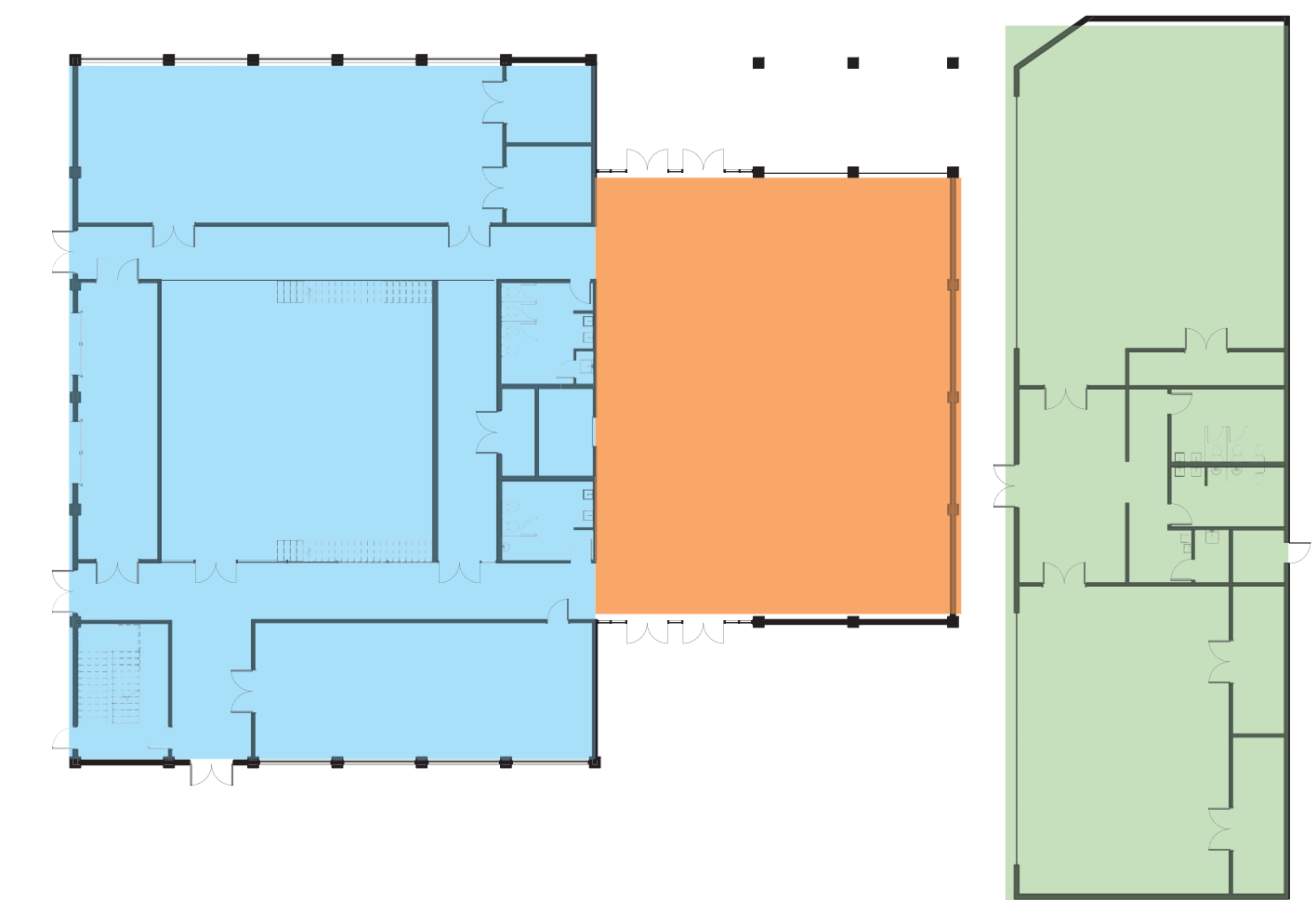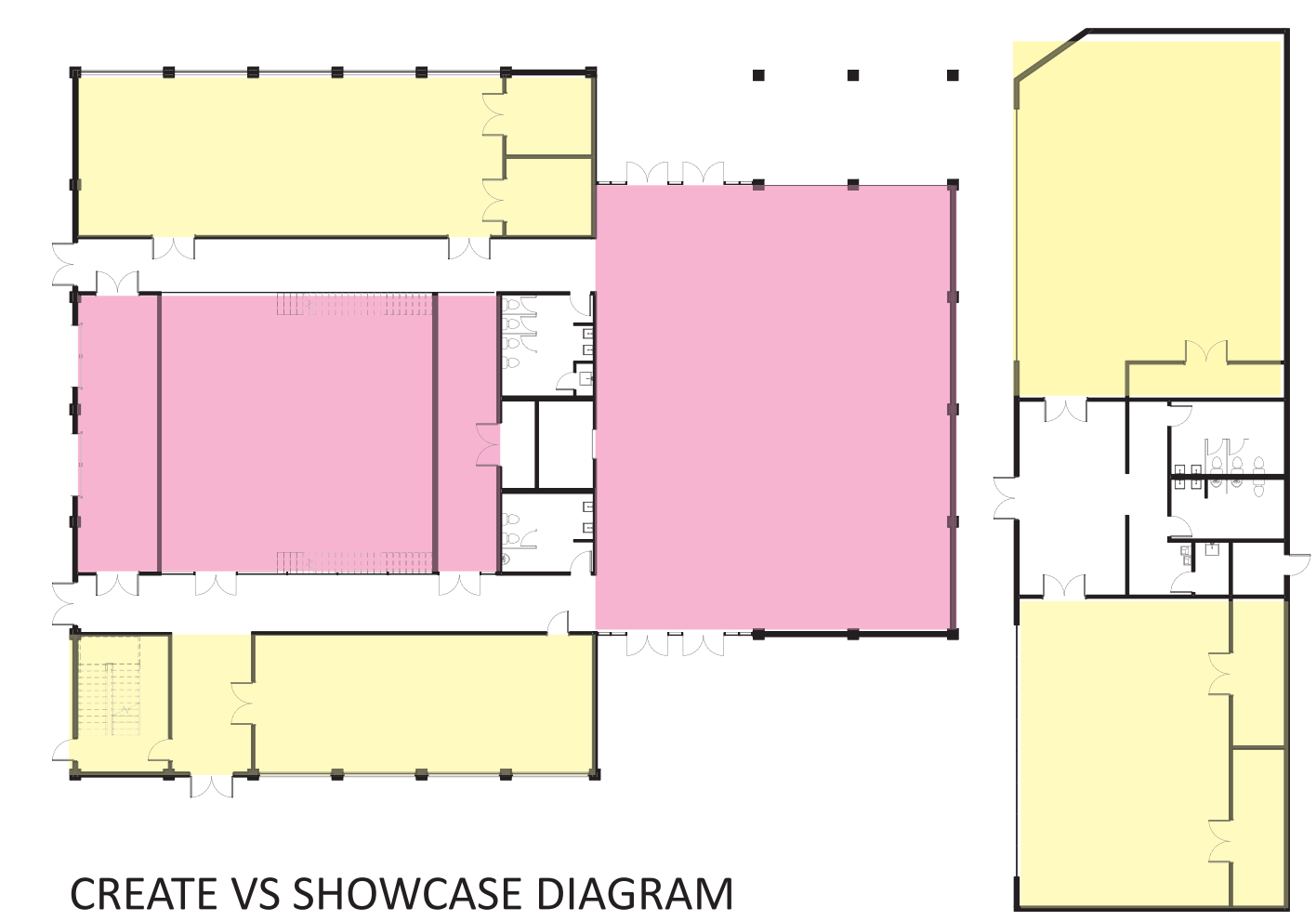- STORAGE
- UTILITY
- ADMINSTRATION

YOUTH ART CENTER

At the Youth Art Center, students from all grade levels can come here to participate in art programs that are not provided in the Shelby County School's curriculum. This space also acts as an after-school care program when students' parents are still at work. The Youth Art Center not only wants to cater to students, but to engage the remaining residents in the community, there are programs that adults can participate in as well.

FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

ROOM LEGEND
1   STORY BOOTH
2   B.O.H.
3   PERFORMANCE SPACE
4   RESTROOMS
5   PRE-FUNCTION SPACE
6   EXHIBIT SPACE
7   LEARNING KITCHEN
8   MULTI-PURPOSE SPACE
9   MUSIC ROOM

OCCUPANCY TYPE: MIXED USE
    A3: AUDITORIUM AND GALLERY
    E: EDUCATIONAL

TOILET COUNT:
    A3: 1810 SF / 7 = 259
        5770 SF / 5 = 1154
        1179 SF / 15 = 79
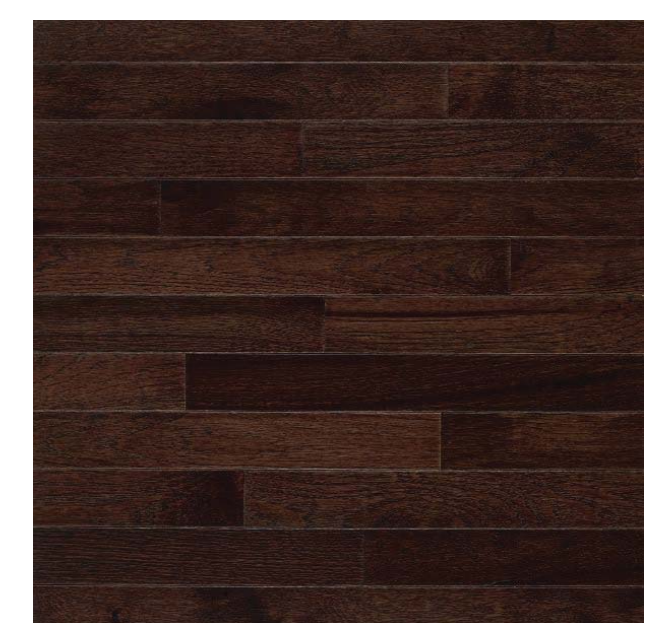   A3 TOTAL: 1492 SF / 2 = 746 (6 MEN AND 11 WOMEN)

    E: 940SF / 50 = 19
        1498 SF/ 50 = 30
        1148 SF/ 50 = 23
        1315 SF/ 50 = 26
    E TOTAL: 98 SF / 2= 49 (1 MEN AND 1 WOMEN)
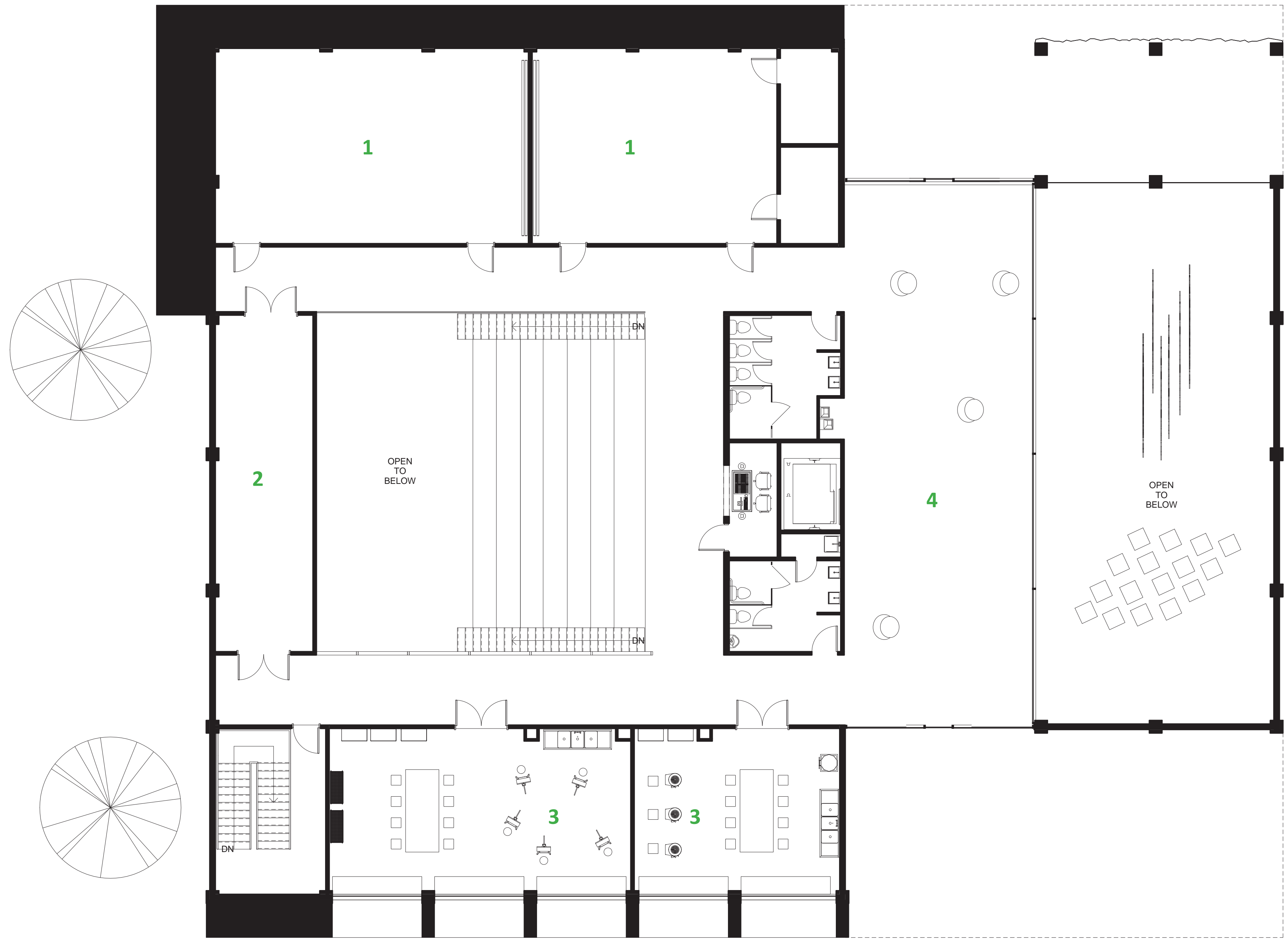
3-FORM: BRUSH STROKE
ELEVATOR WALL FEATURE

WHITE STACKED STONE
ELEVATOR WALL FEATURE

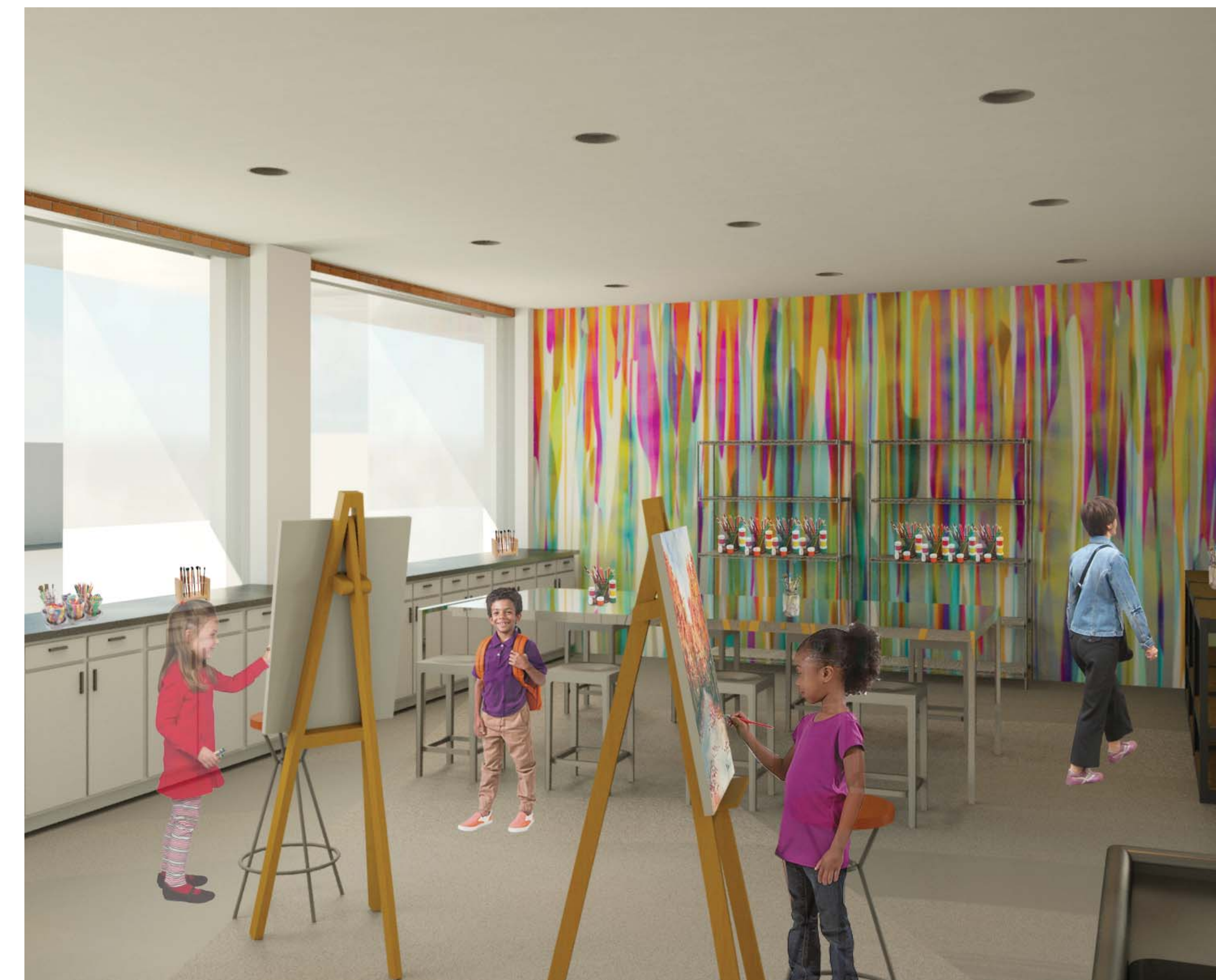WOOD FLOORING
MAIN GALLERY SPACE

CIRCULATION DIAGRAM
← --- → OUTDOOR CIRCULATION
← --- → MAIN ENTRY CIRCULATION
← --- → SECONDARY CIRCULATION

MASSING DIAGRAM

CREATE VS SHOWCASE DIAGRAM
EXHIBIT SPACE
CREATIVE SPACE

SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

ROOM LEGEND
1 DANCE STUDIOS
2 IDEA BOX
3 ART STUDIOS
4 LOUNGE SPACE

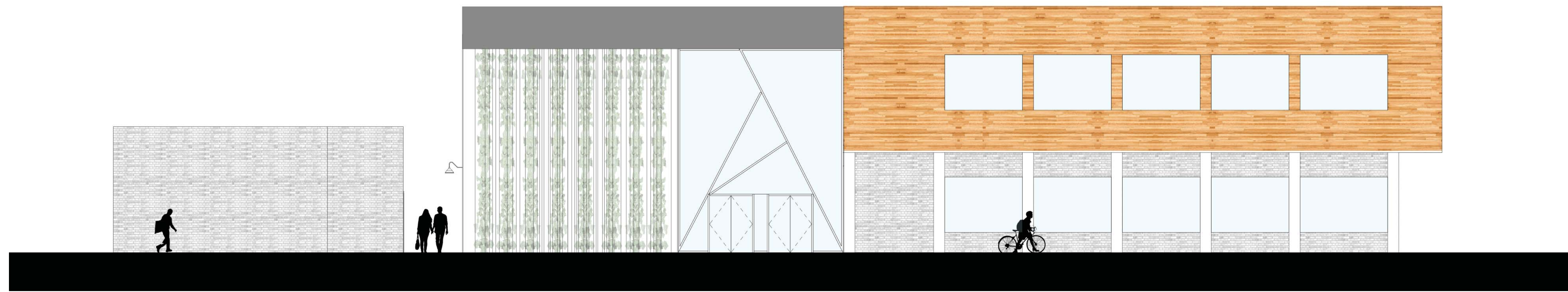ART STUDIO- DAY CLASS

ART STUDIO- NIGHT CLASS

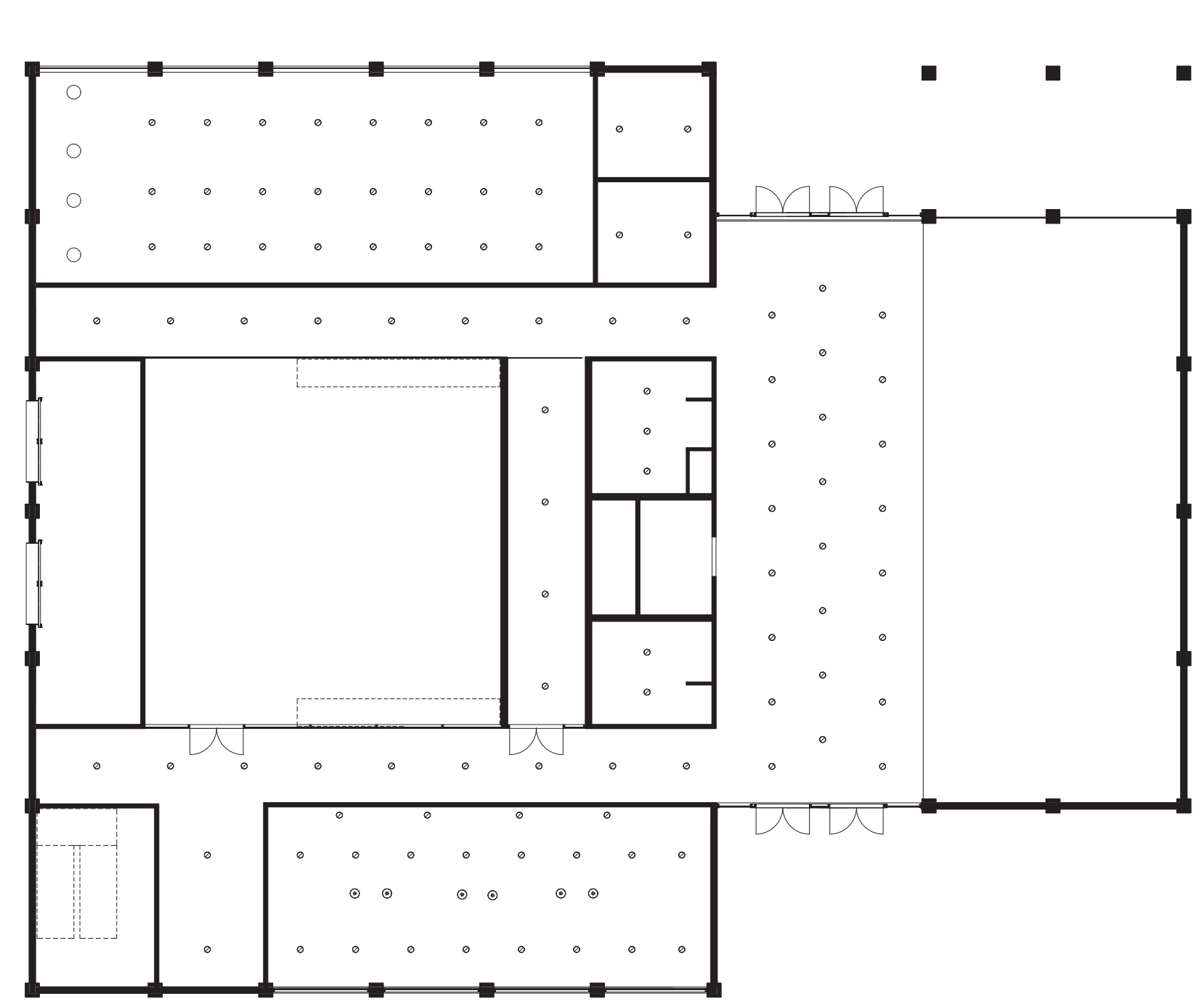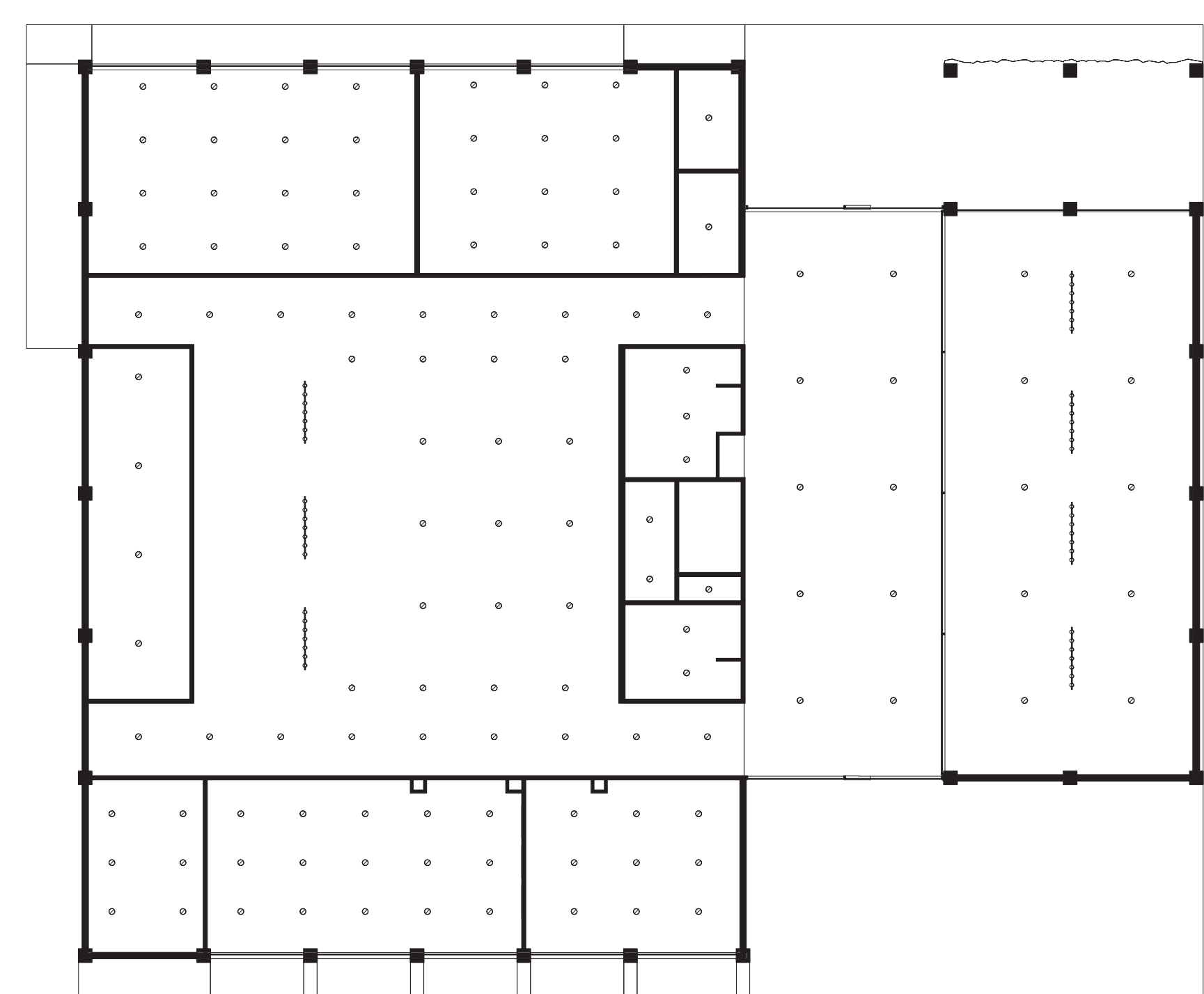STORY BOOTH IDEA
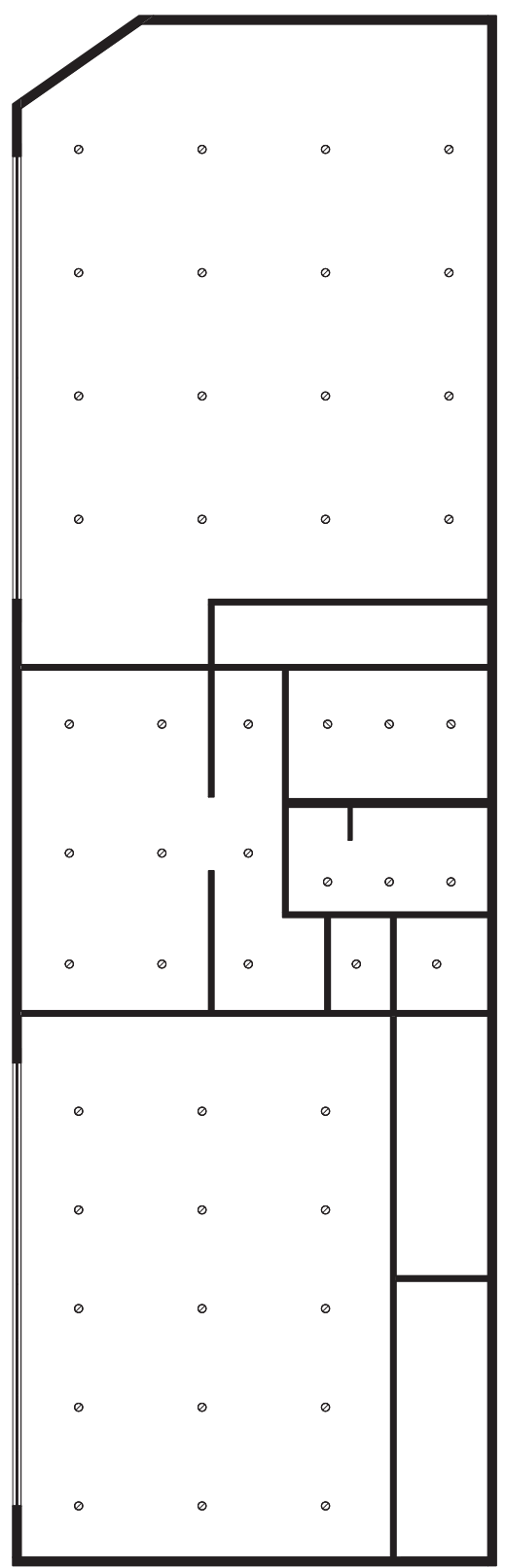

LOUNGE SPACE IDEA

IDEA BOX INSPIRATION

NORTH ELEVATION
SCALE: 1/8" = 1'-0"

SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

FIRST FLOOR REFLECTED CEILING PLAN
SCALE: NTS

SECOND FLOOR REFLECTED CEILING PLAN
SCALE: NTS

ARROYO MOBILE (HIGHTOWER)
STORY BOOTH

FOUR CAST FOUR (HIGHTOWER)
STORY BOOTH

TOMBOLO BENCH (HIGHTOWER)
MAIN GALLERY SPACE

CARAVAGGIO (HIGHTOWER)
KITCHEN & STORY BOOTH

CAN LIGHTS
AMBIENT LIGHT

CARAVAGGIO (HIGHTOWER)
KITCHEN & STORY BOOTH

SPUN CHAIR (HERMAN MILLER)
LOUNGE SPACE

LEARNING KITCHEN

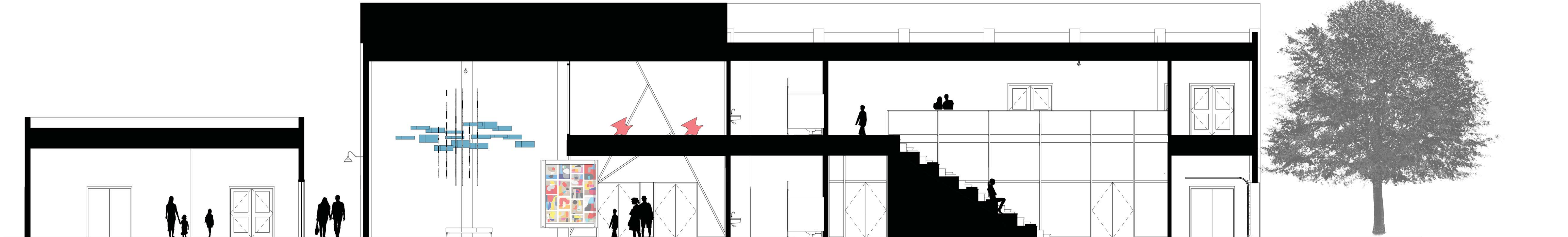
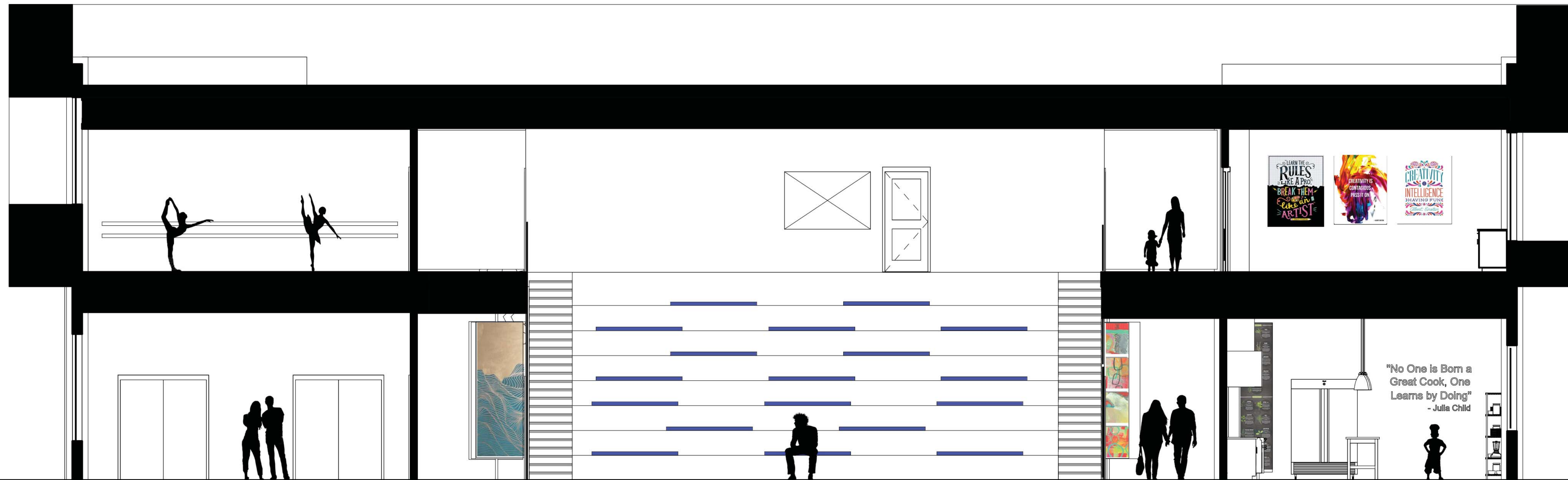MAIN GALLERY SPACE

STORY BOOTH

LONGITUDINAL SECTION
SCALE: NTS

TRANSVERSE SECTION
SCALE: NTS

PERFORMANCE SPACE

DANCE STUDIO

PERFORMANCE SPACE INSPIRATION

PERFORMANCE SPACE INSPIRATION