

Princeton Public Schools - Board Meeting Design Update

March 13, 2018

OVERVIEW | Timeline





Many meetings with multiple stakeholders

Leadership Design Team and School Board
PHS Design Team and Faculty
5th & 6th Grade Design Team
5th & 6th Grade Teachers
Princeton High School Students
John Witherspoon Middle School Students
Elementary School Students
Sustainability
Historical Value
Community Partners
Athletics
Open Town Hall















DESIGN DRIVERS

01

**FLEXIBILITY &
ADAPTABILITY**

02

**PERSONALIZED
LEARNING**

03

**COMMUNITY
ENGAGEMENT**

04

**SUSTAINABLE
PRACTICES**

05

**SENSE OF
BELONGING**

06

HISTORICAL VALUE

07

**INDOOR / OUTDOOR
CONNECTIONS**

08

PLACEMAKING

09

**CONTEMPORARY
LEARNING**

10

WELLNESS



Princeton High School Design Refinement

March 13, 2018

DISTRICT NEEDS

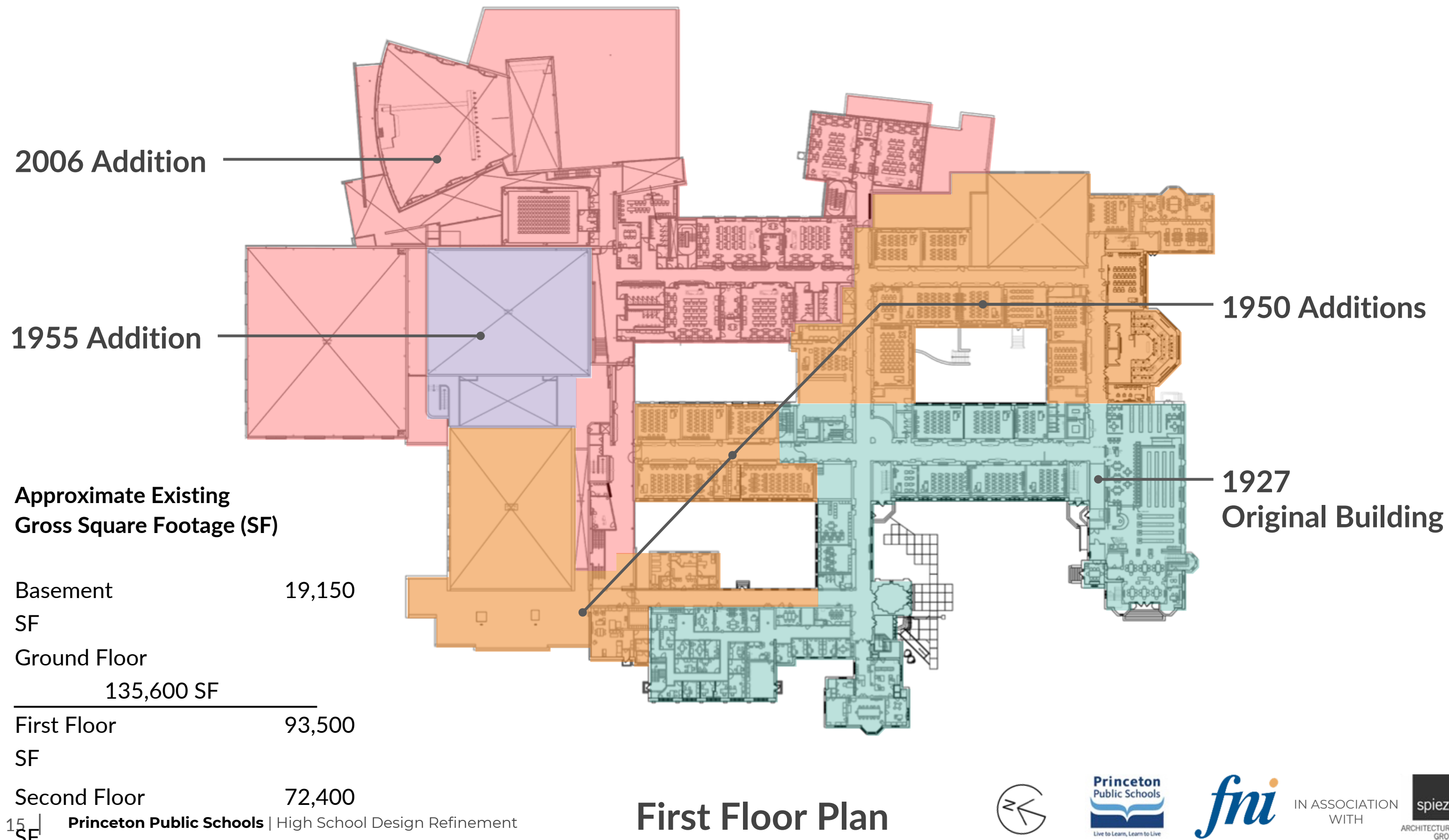
- ❑ Increase Capacity

- ❑ Alignment with Educational Goals

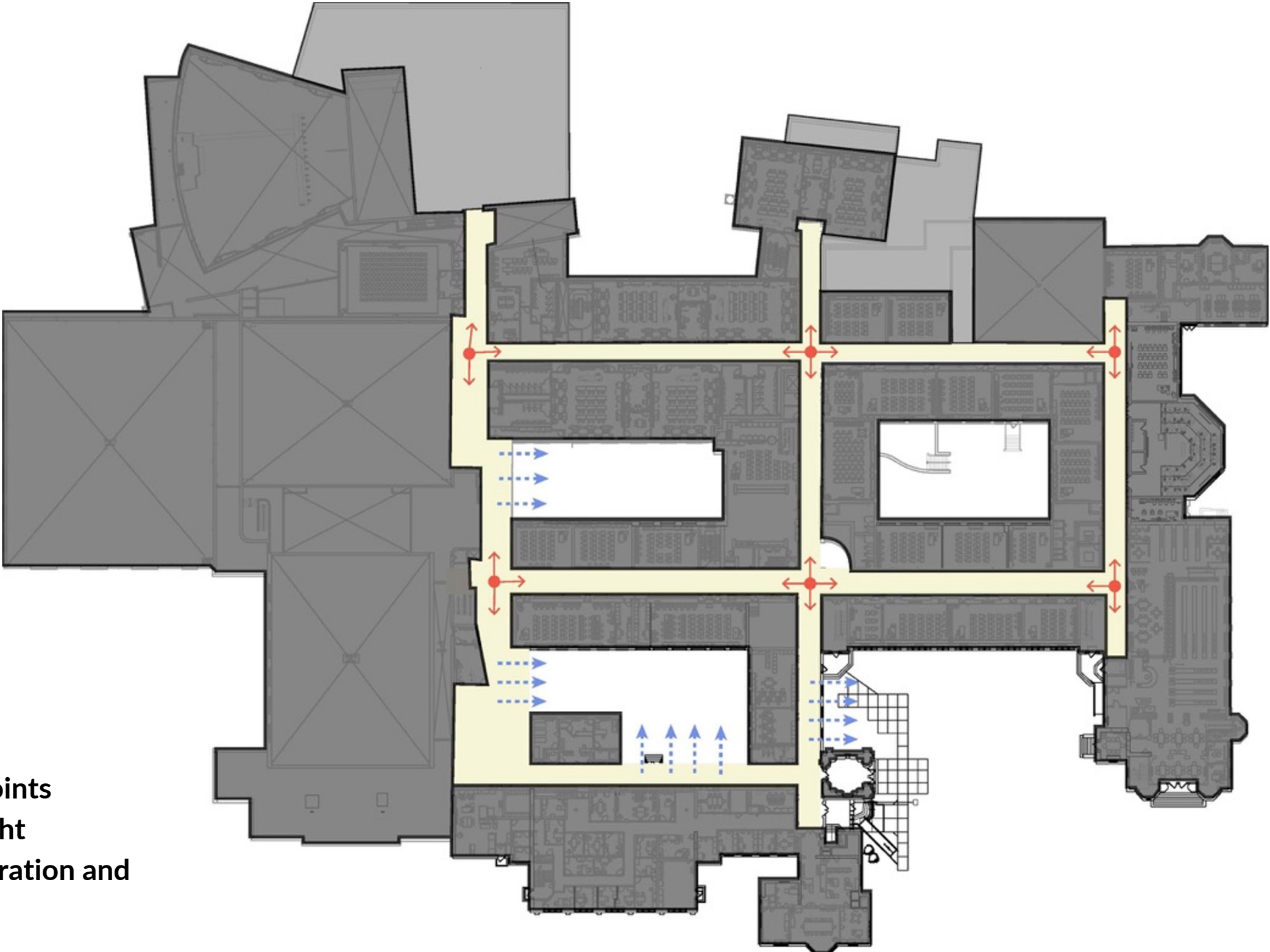
The background image shows a large, multi-story brick building with a prominent Gothic-style tower featuring multiple spires and arched windows. An American flag flies on a tall pole in front of the building. To the right, another brick building with many windows is visible. The foreground includes a paved walkway, some snow, and a trash can. The entire image is covered with a semi-transparent blue filter.

EXISTING CONDITIONS

BUILDING EVOLUTION



CORRIDORS & CIRCULATION



Complex
Congested
Numerous Decision Points
Limited Natural Daylight
Primary Social Collaboration and
Dining Space



IN ASSOCIATION
WITH



SOCIAL & DINING SPACE



SCHOOL IDENTITY

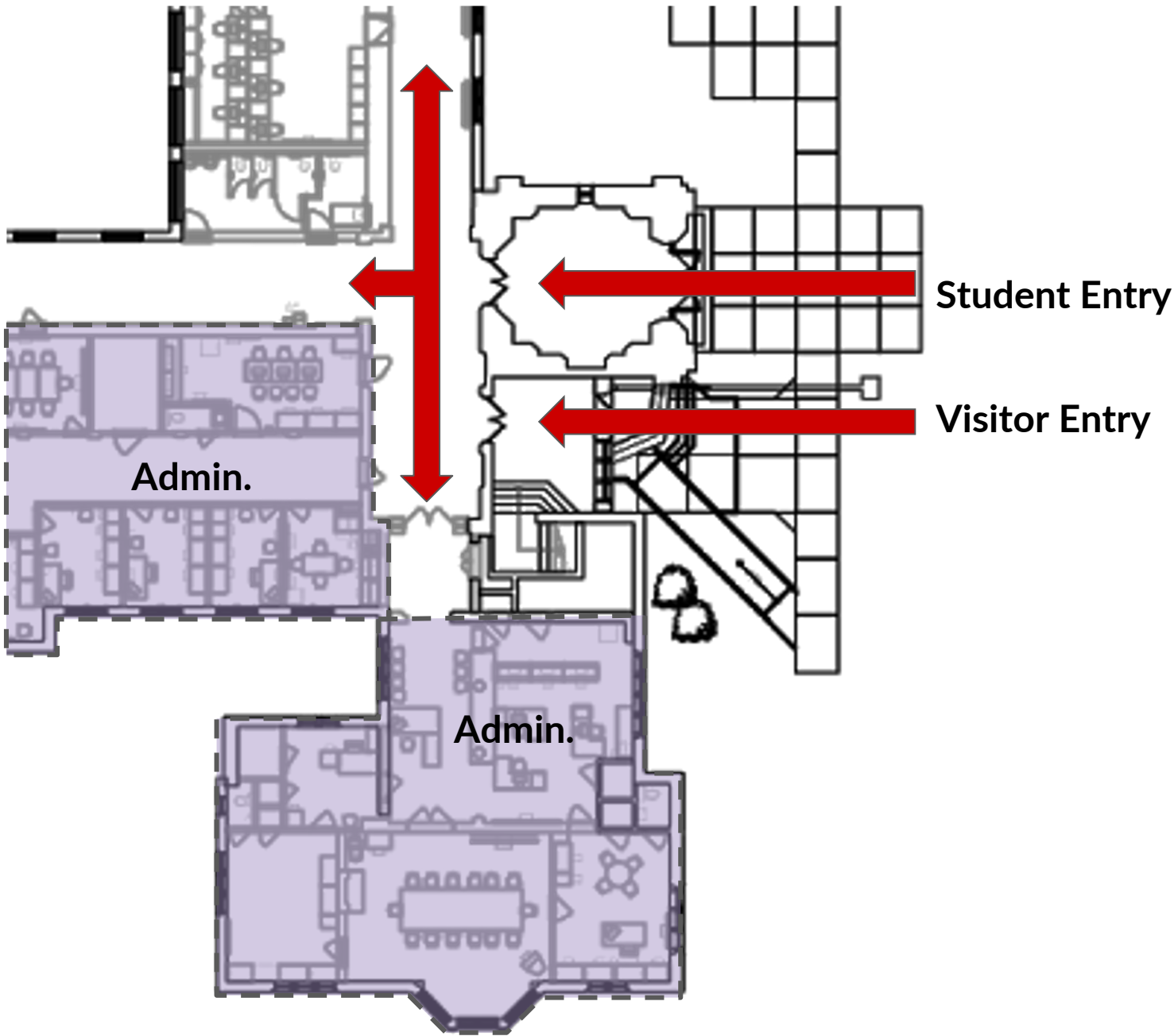


Exterior



Interior

SCHOOL ENTRY



First Floor Plan [Partial]





DESIGN APPROACH

EXPANDING CAPACITY

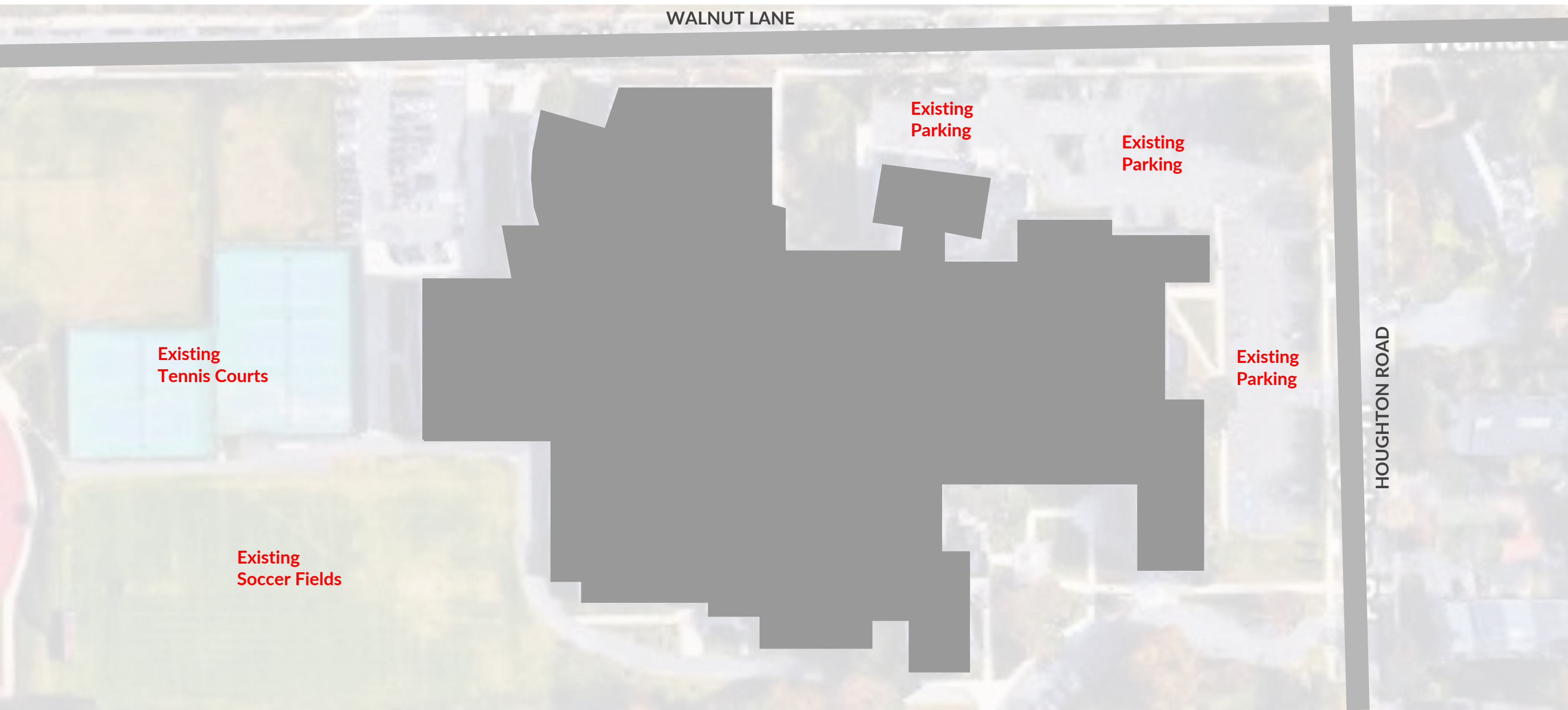
APPROACH 1

EXPAND OUTWARD

**BUILD TWO [2] ADDITIONS TO THE EXTERIOR OF THE
EXISTING HIGH SCHOOL:**

- 1. FLEXIBLE LEARNING WING**
- 2. FLEXIBLE ATHLETICS SPACES**

EXPAND OUTWARD



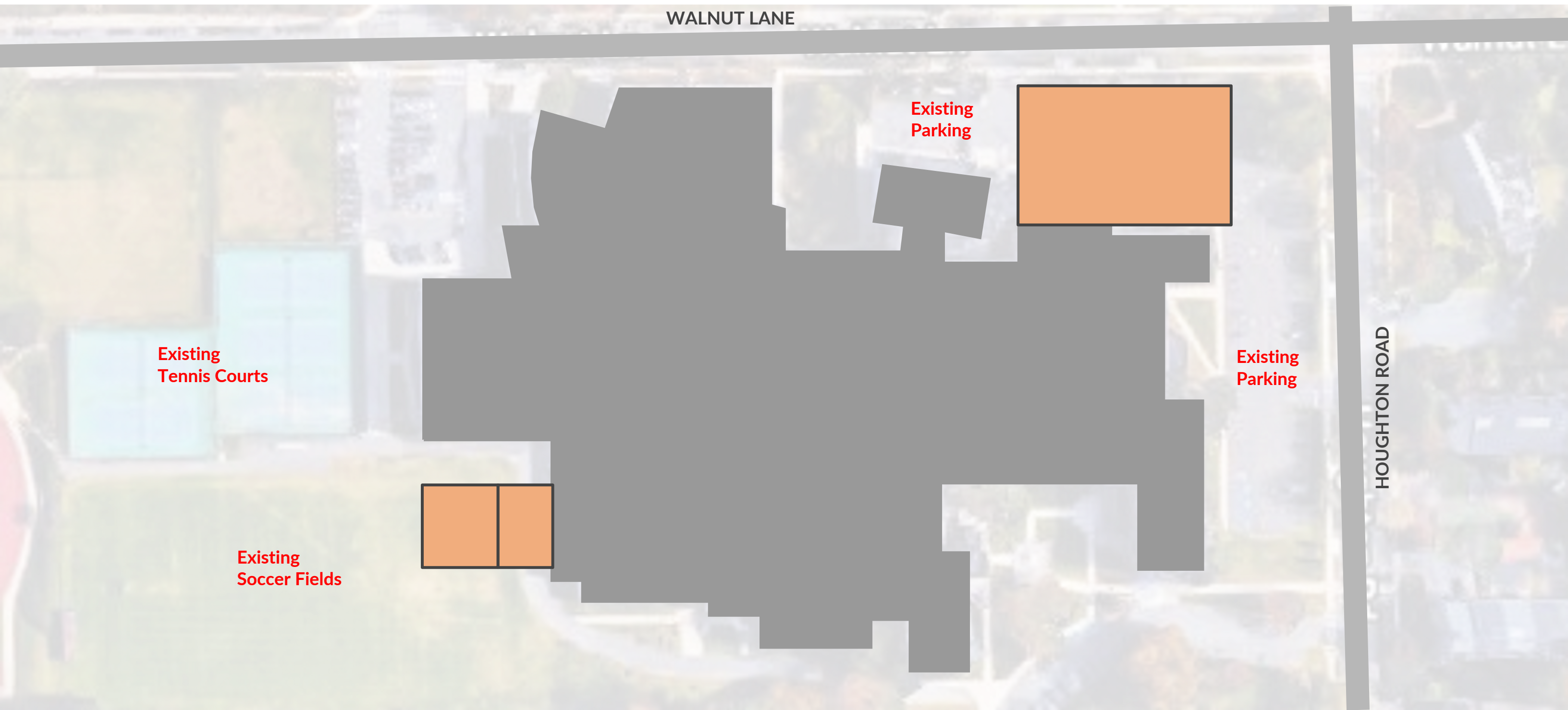
Before | 1,423 Capacity



IN ASSOCIATION WITH



EXPAND OUTWARD



After | **1,800–2,100** Capacity



APPROACH 2

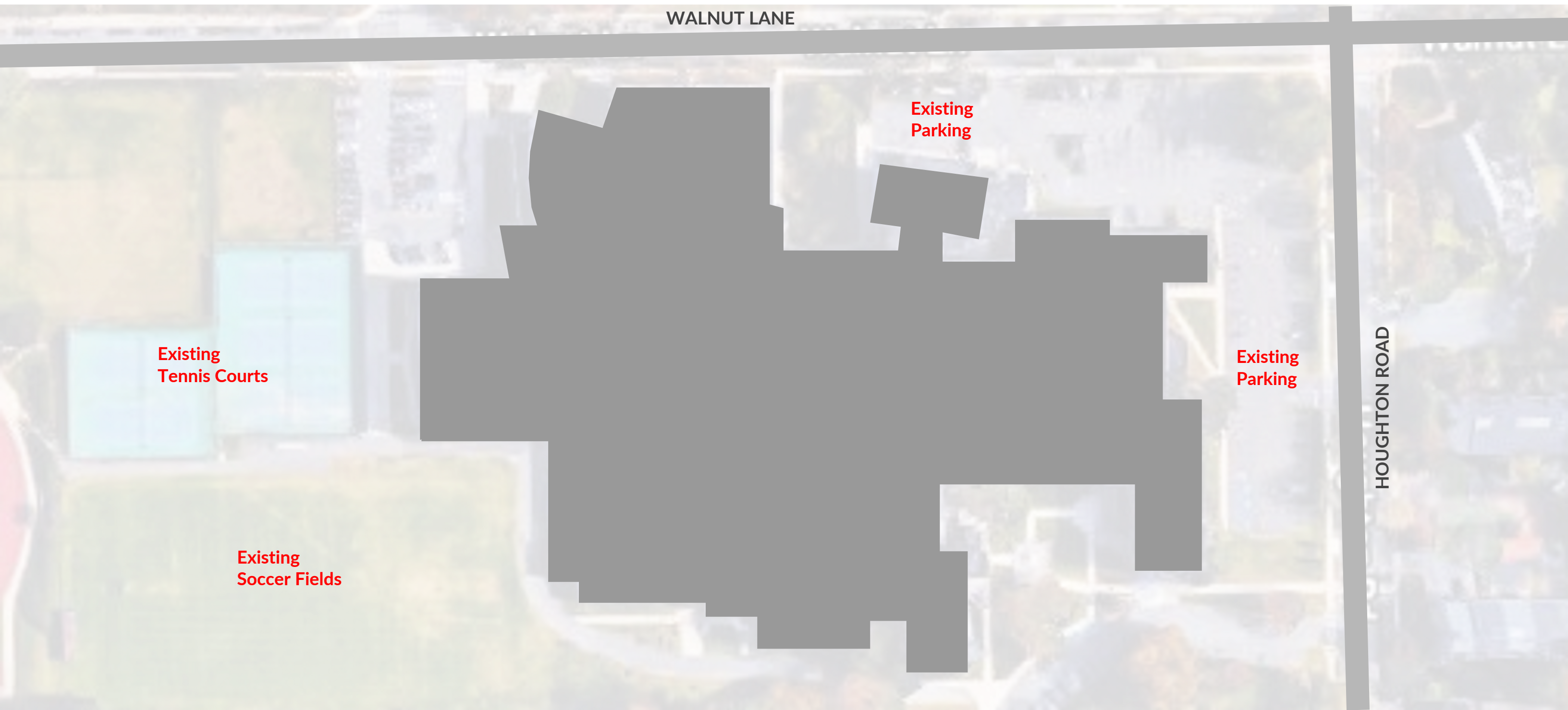
EXPAND INWARD

CAPTURE THE THREE [3] EXISTING OPEN COURTYARDS

BUILD SMALL ADDITIONS ON UPPER FLOORS

SELECTIVELY RENOVATE EXISTING EDUCATIONAL SPACES

EXPAND INWARD



Before | 1,423 Capacity



IN ASSOCIATION
WITH



EXPAND INWARD



After | **1,800–2,100** Capacity

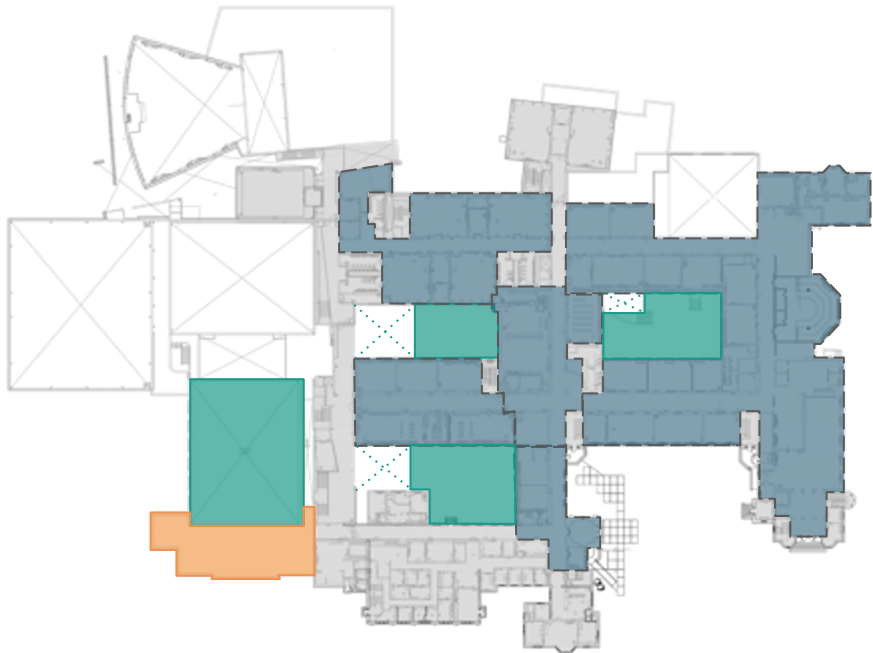


EXPAND INWARD | Area of Impact

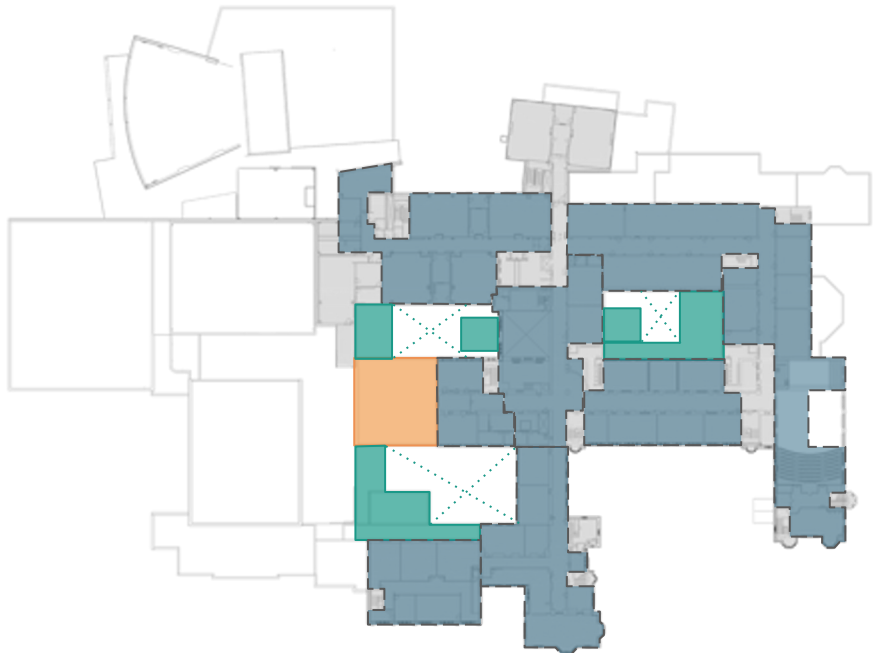
ADDITION INFILL RENOVATION



Ground Floor Plan
2.0K ADDITION
8.5K SF INFILL
30K SF RENOVATION



First Floor Plan
4.5K ADDITION
17.2K SF INFILL
50K SF RENOVATION



Second Floor Plan
3.5K ADDITION
6.5K SF INFILL
52K SF RENOVATION



10K SF ADDITION | 32.2K SF INFILL | 132K SF RENOVATION =
174,200 SF AREA OF MODIFICATION

THREE [3] STEPS

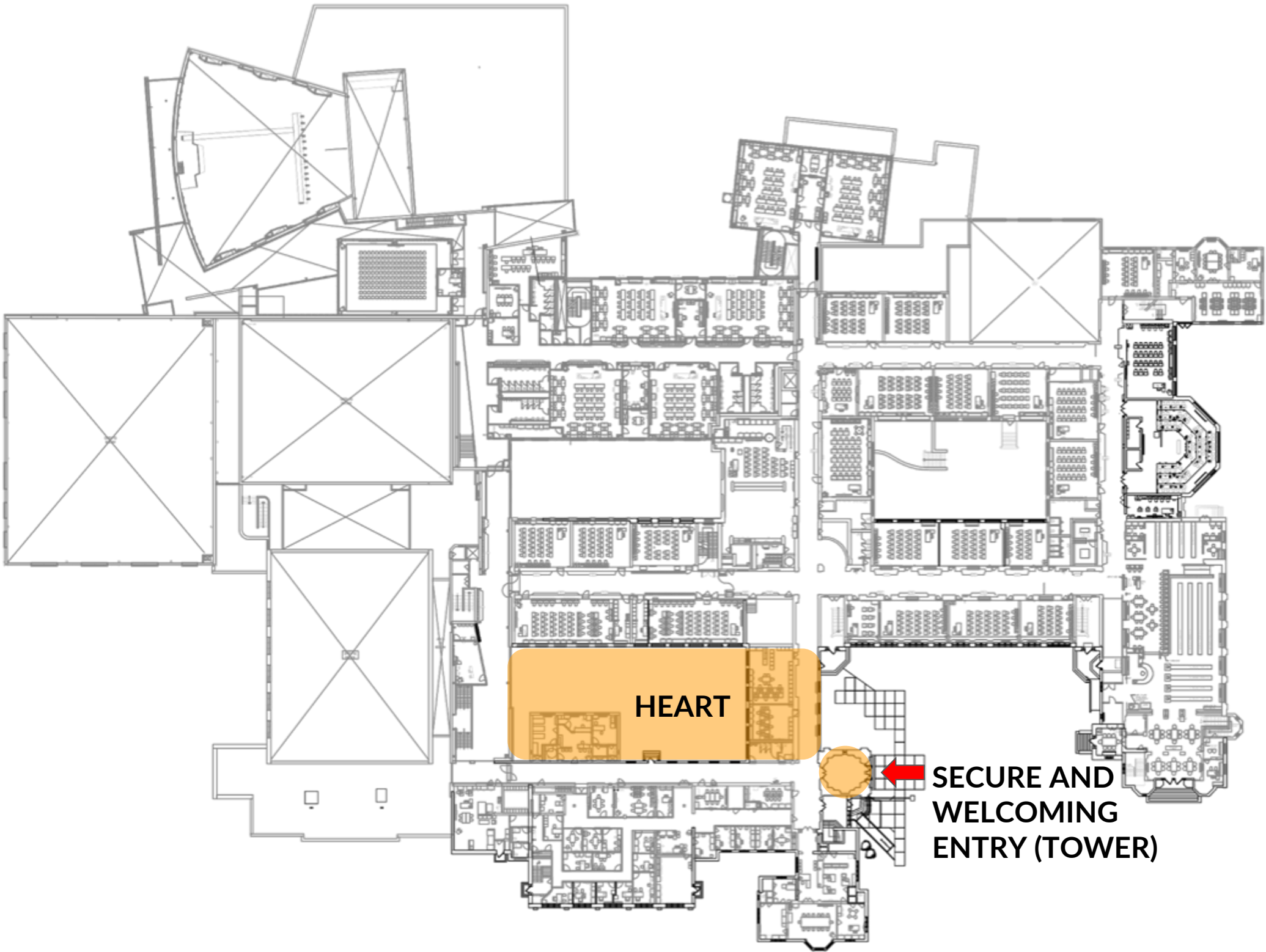
1.CREATE A HEART SPACE

2.COLLABORATIVE HUB

3.FLEXIBLE LEARNING ZONES

STEP 1 | Create a Heart Space

- Create a **Secure** and **Welcoming** entry
- Enhance sense of **Pride** and **Identity**
- Capture Western courtyard to provide comfortable social spaces for **Informal Learning**
- Distribute Media Resources for use throughout the day



STEP 2 | Collaborative Hub

Capture North and South courtyards to create new **Informal Learning** spaces

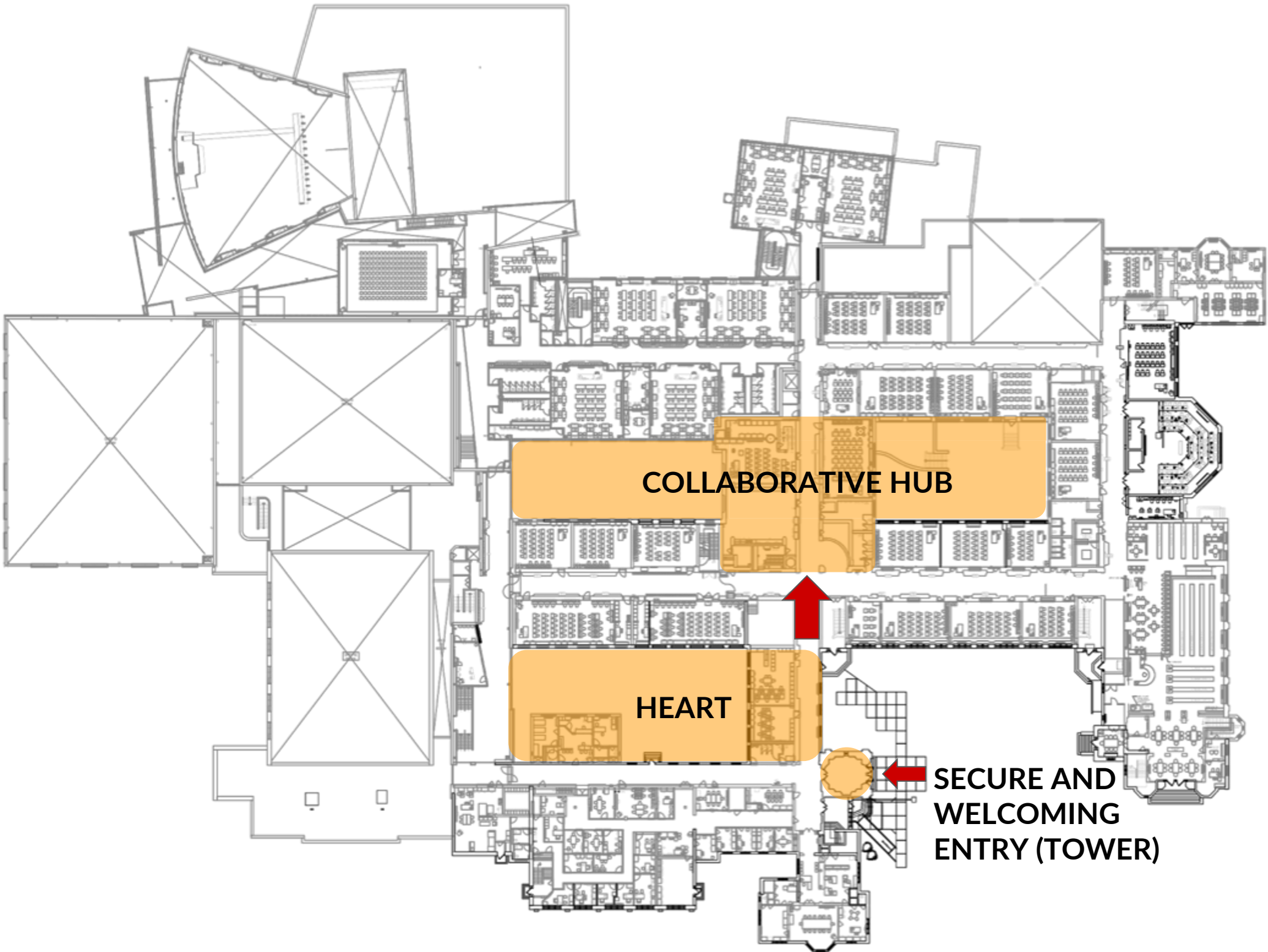
Establish central, multi-use **Research and Technology** spaces

Create **Student Showcase** opportunities

Allow for additional **Casual Dining** spaces

Provide better **Direct Connections** between existing learning spaces

Distribute **Media Resources** for ease of access



STEP 3 | Flexible Learning Zones

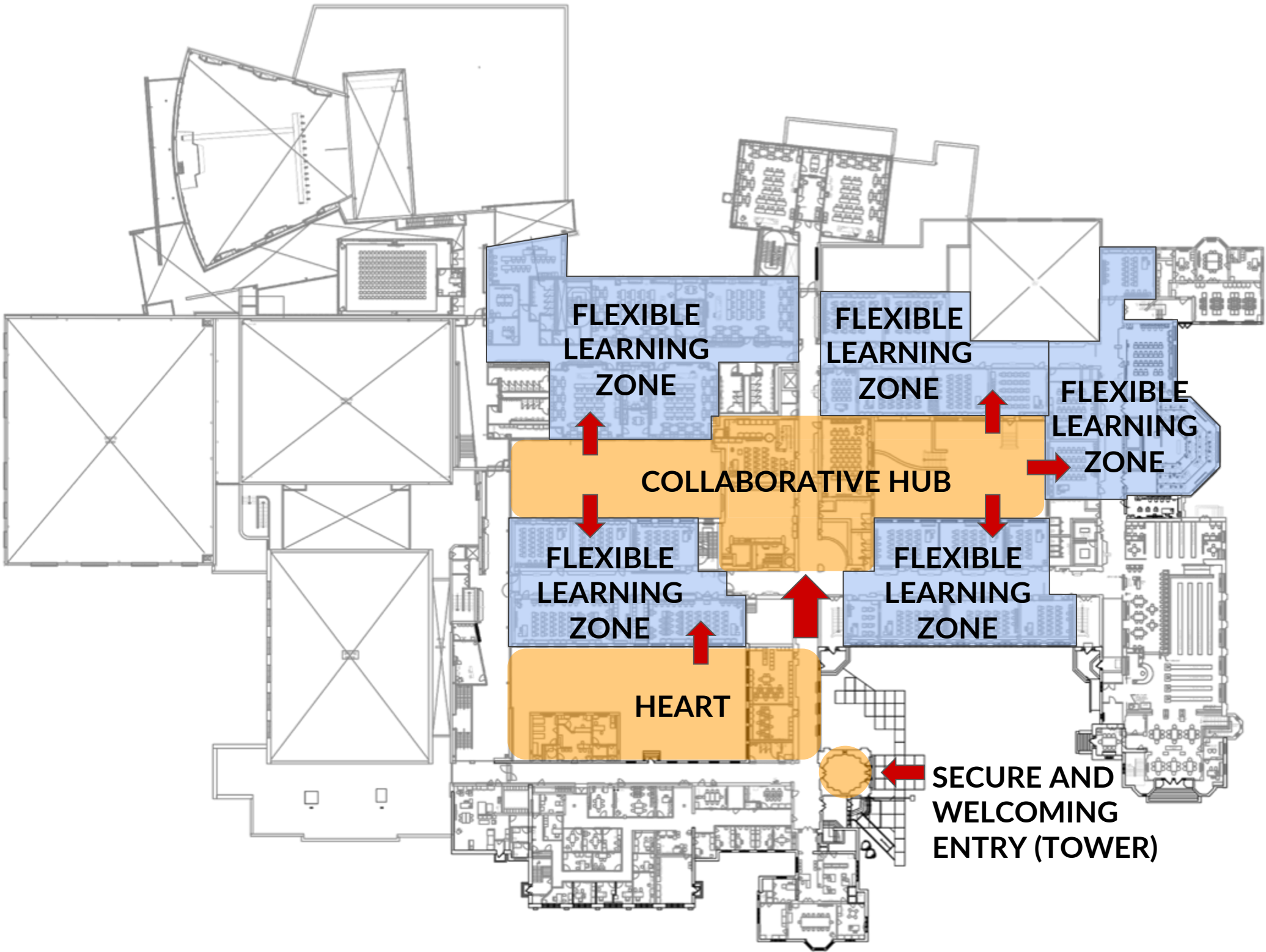
Provide more **Flexibility** and **Fluidity** to teachers and students

Create a **Variety** of learning spaces to better support current activities

Break down the Scale of the school

Build Community among teachers and students

Distribute Educators and provide teacher collaboration spaces



STEP 1

Create a Heart Space



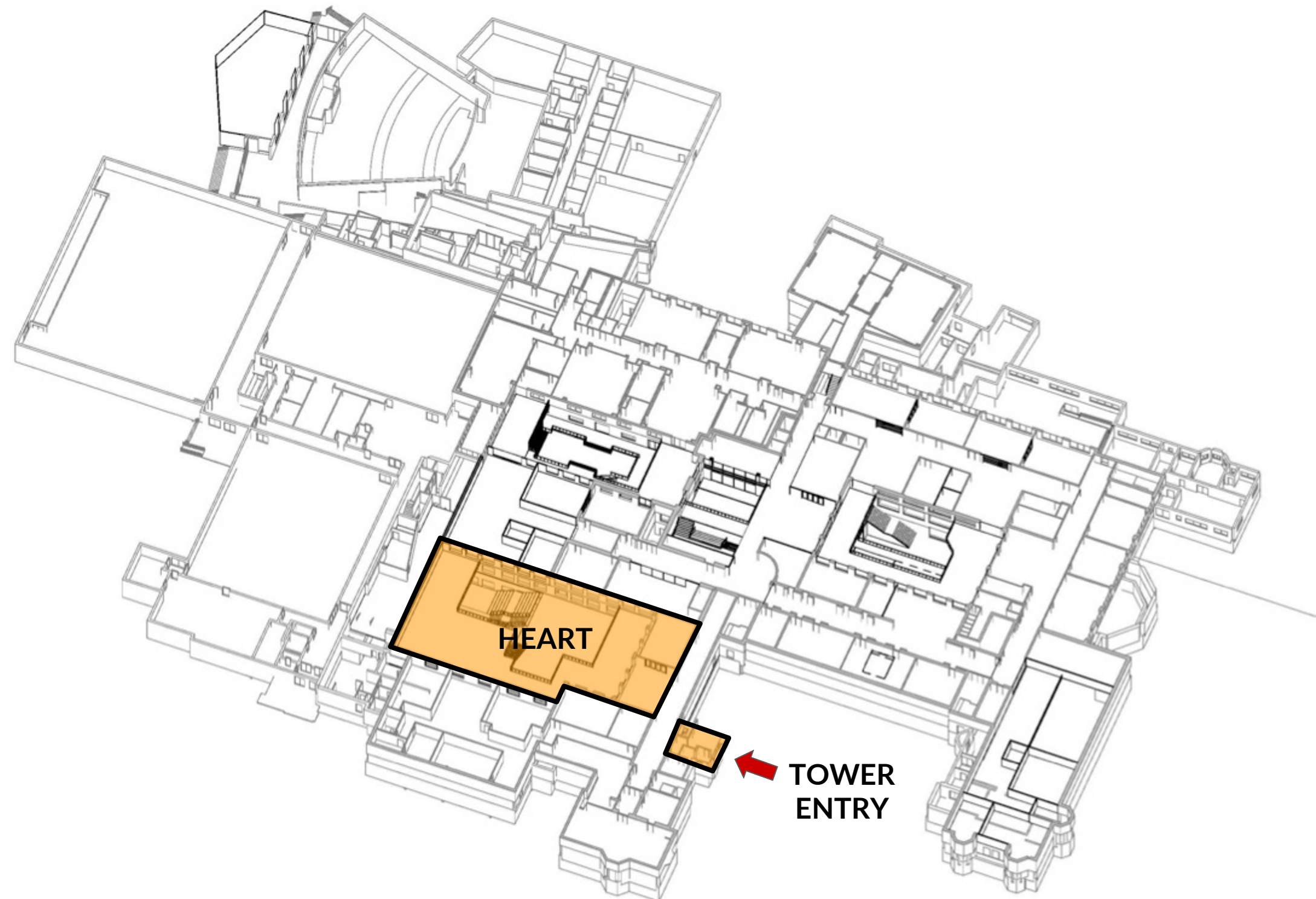
STEP 1 | Create a Heart Space

Create a **Secure** and **Welcoming** entry

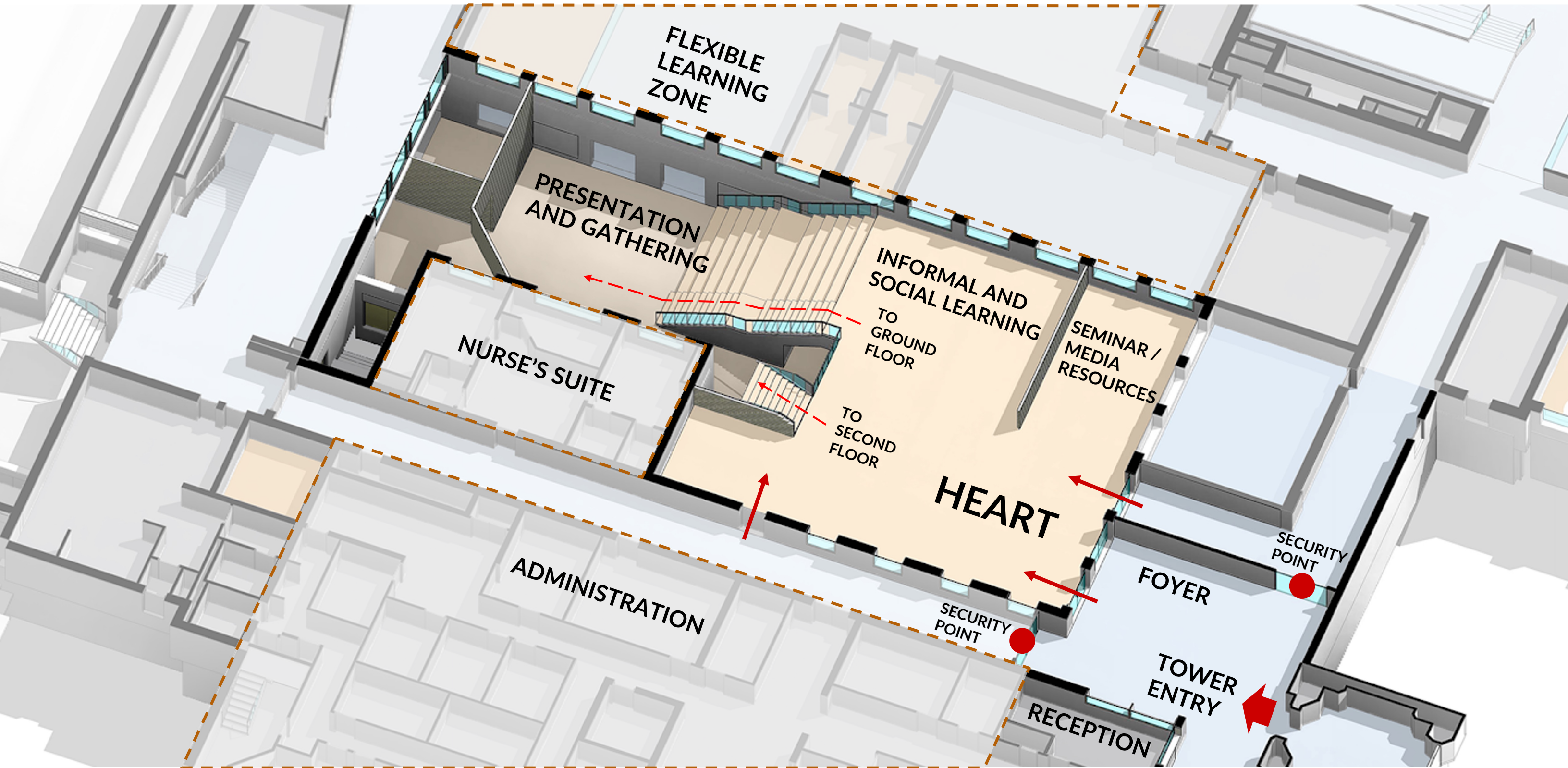
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Capture Western courtyard to provide comfortable social spaces for **Informal Learning**

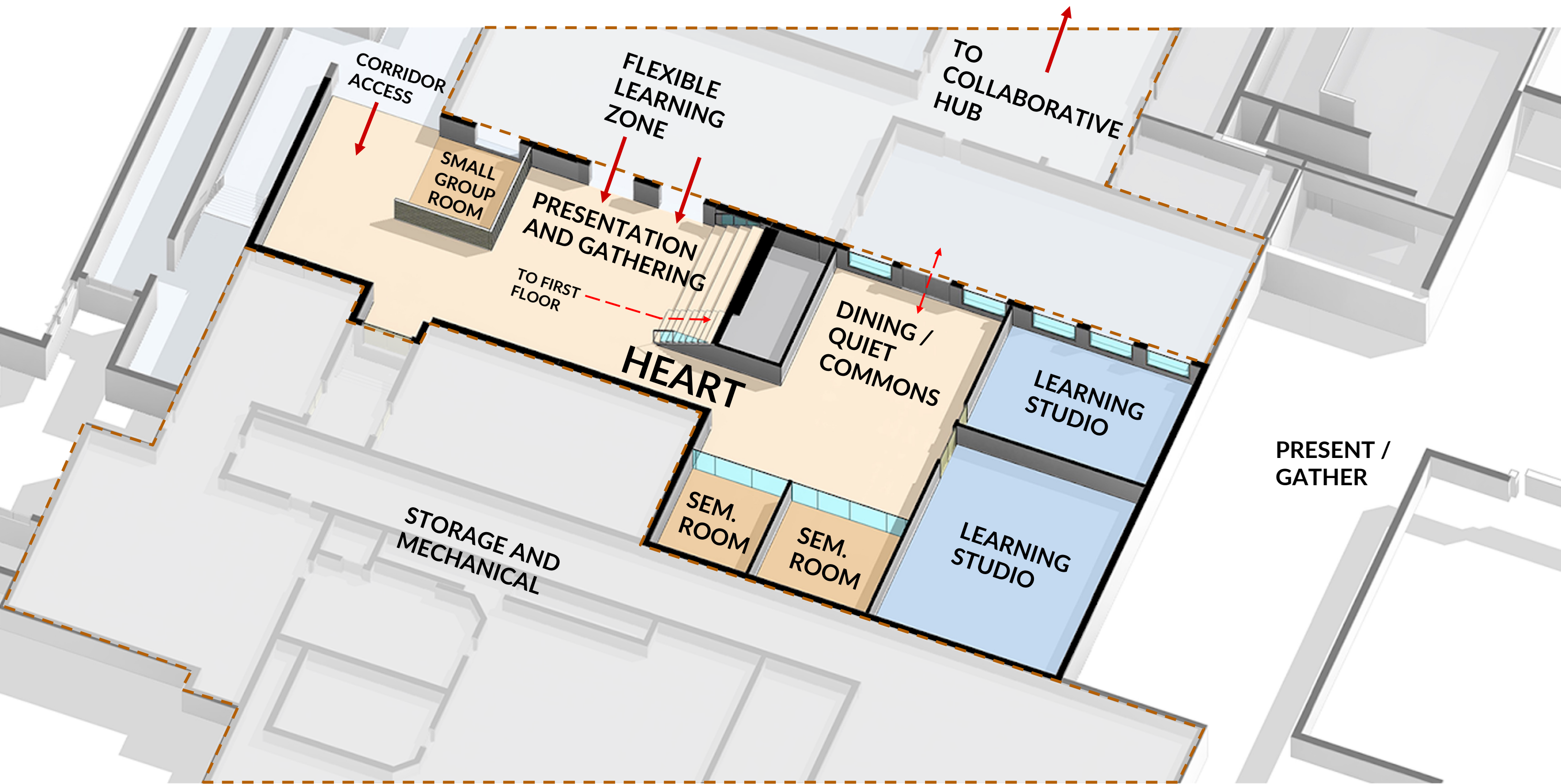
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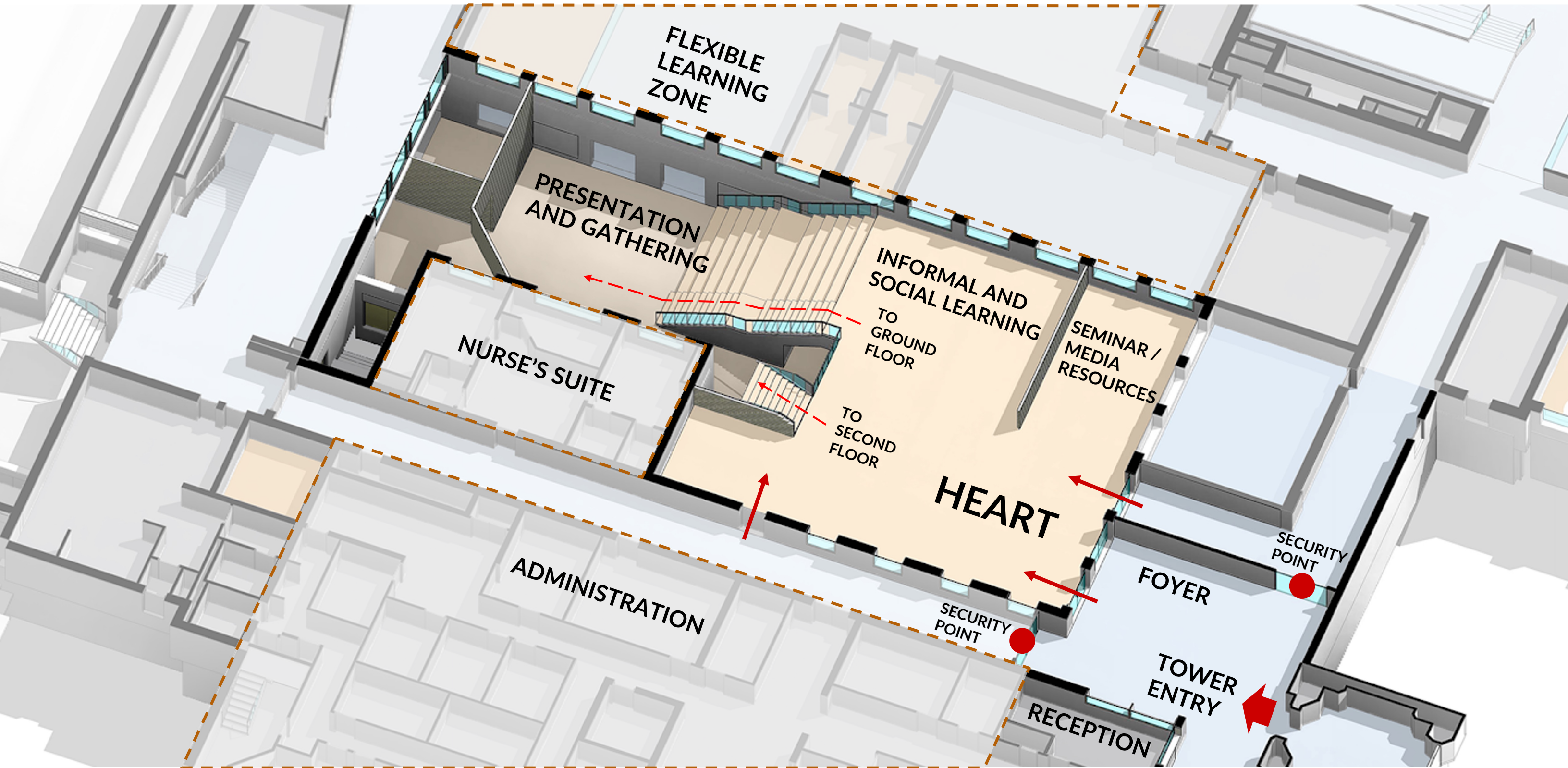
STEP 1 | Create a Heart Space



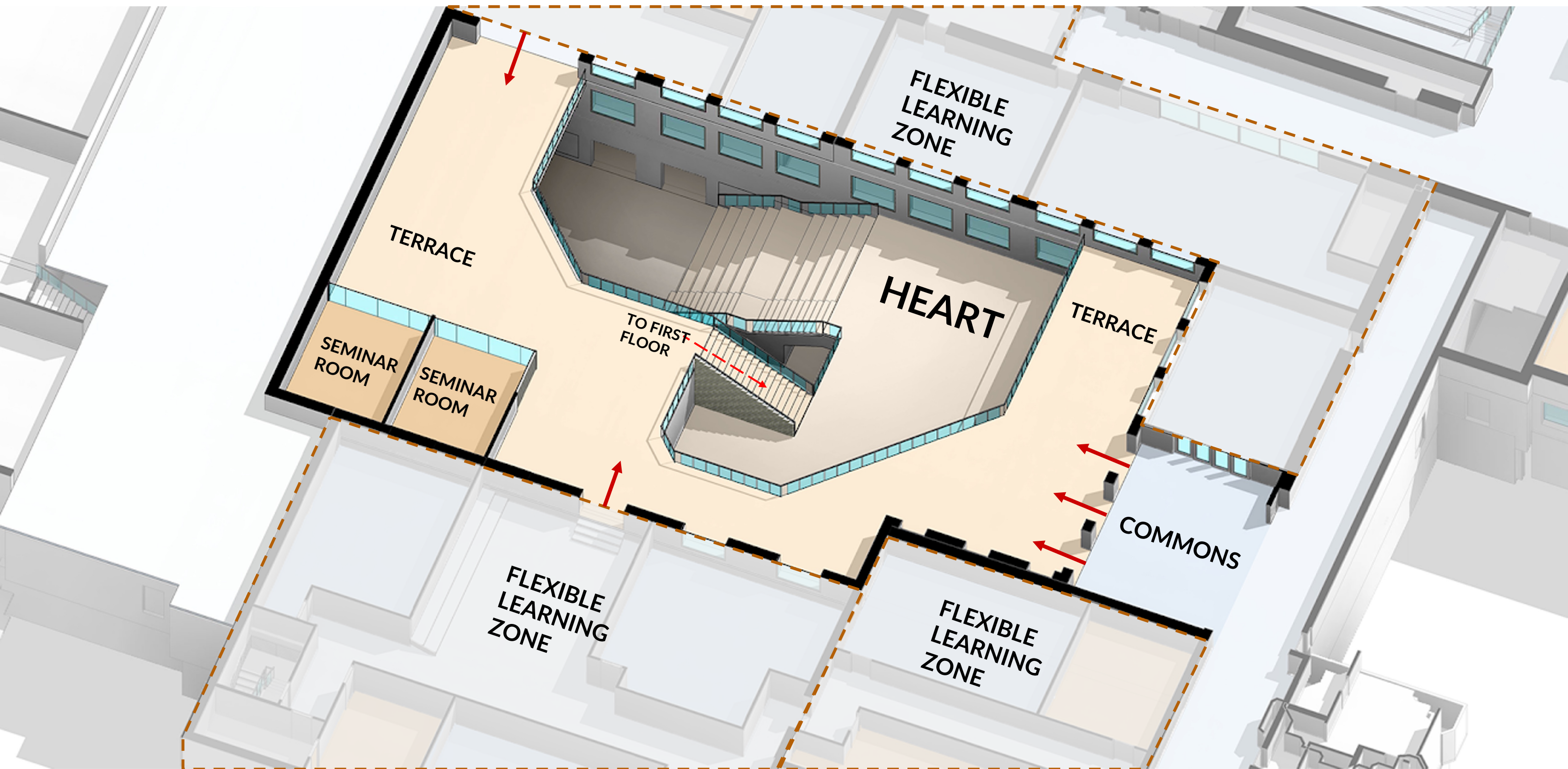
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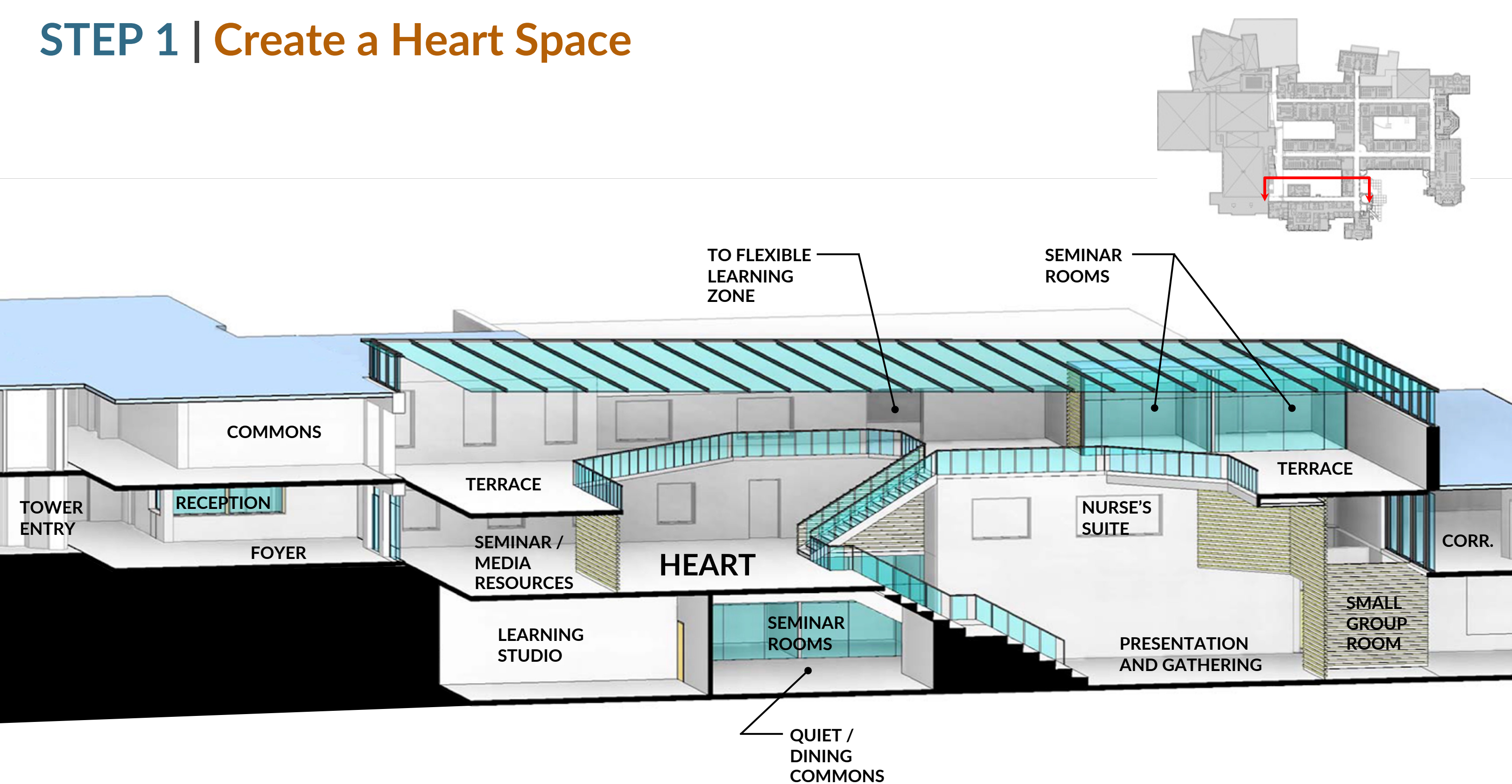
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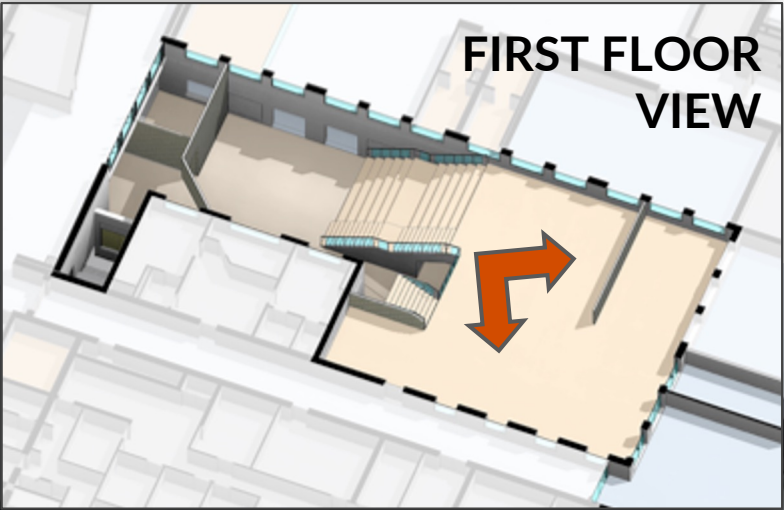
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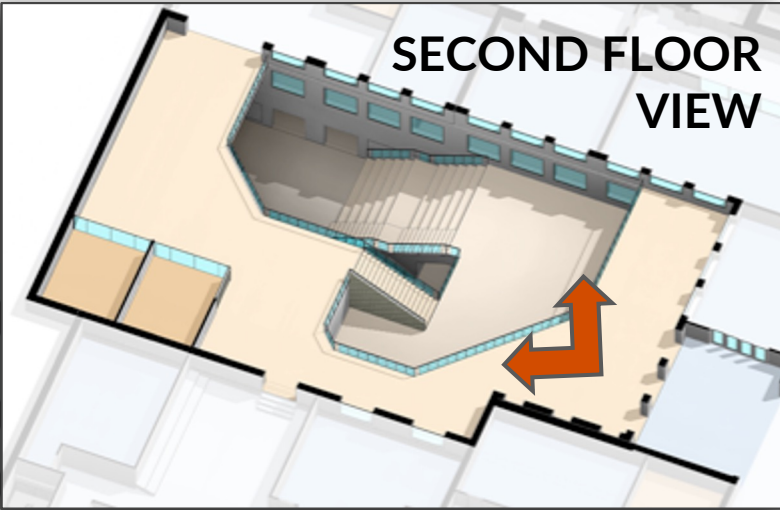
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STEP 2

Collaborative Hub



STEP 2 | Collaborative Hub

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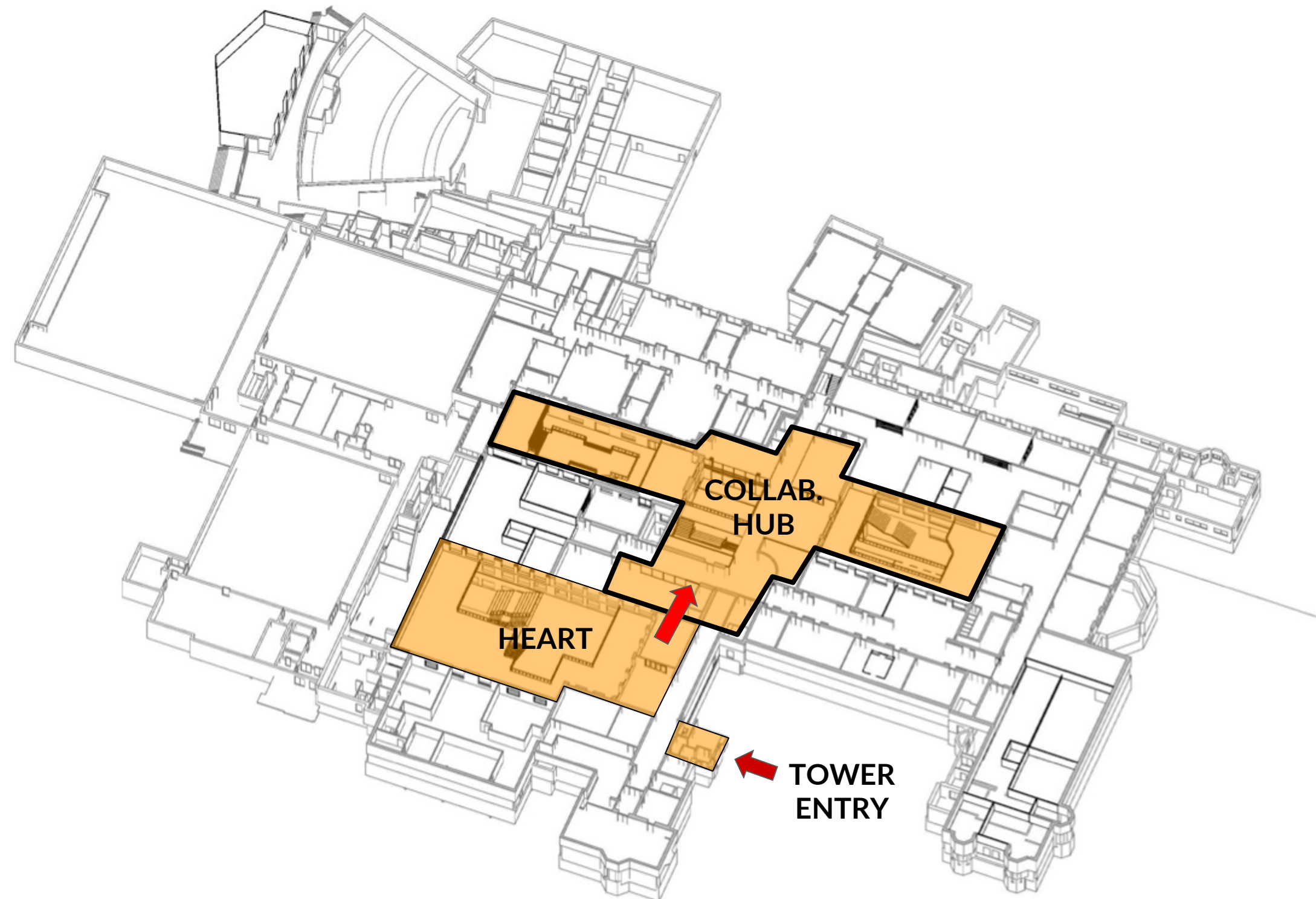
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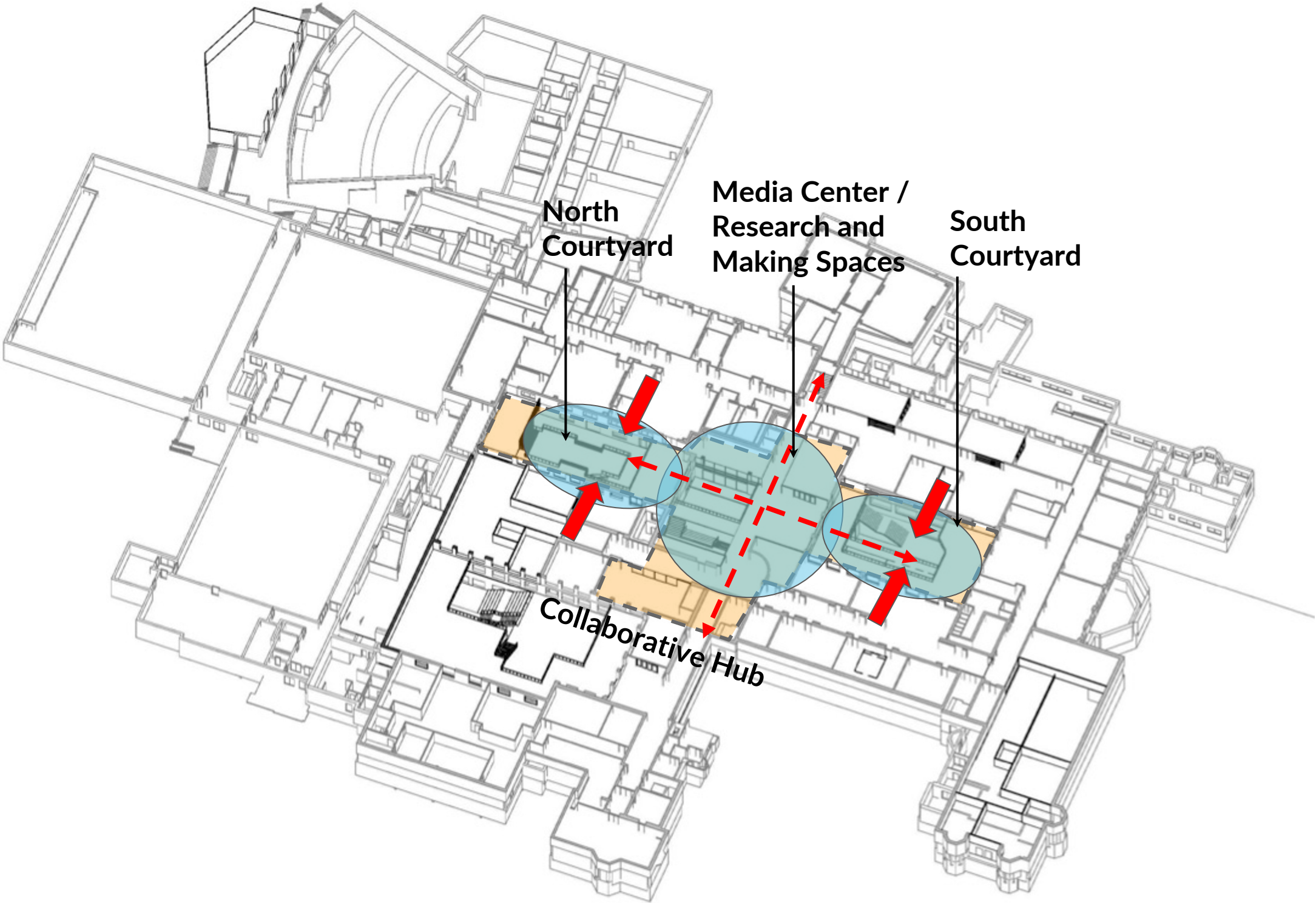
Distribute Media Resources for ease of access



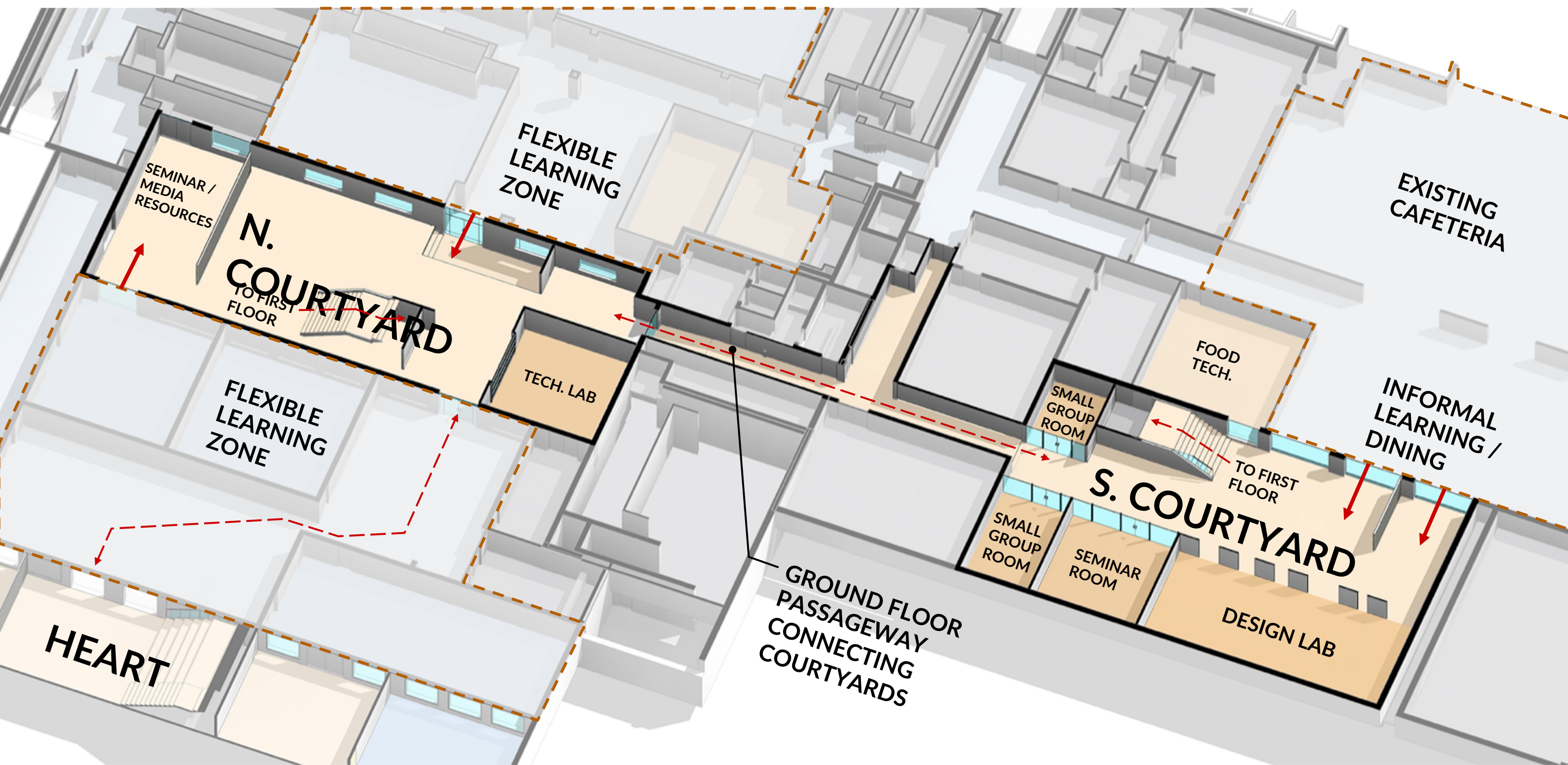
STEP 2 | Collaborative Hub

Student Voice

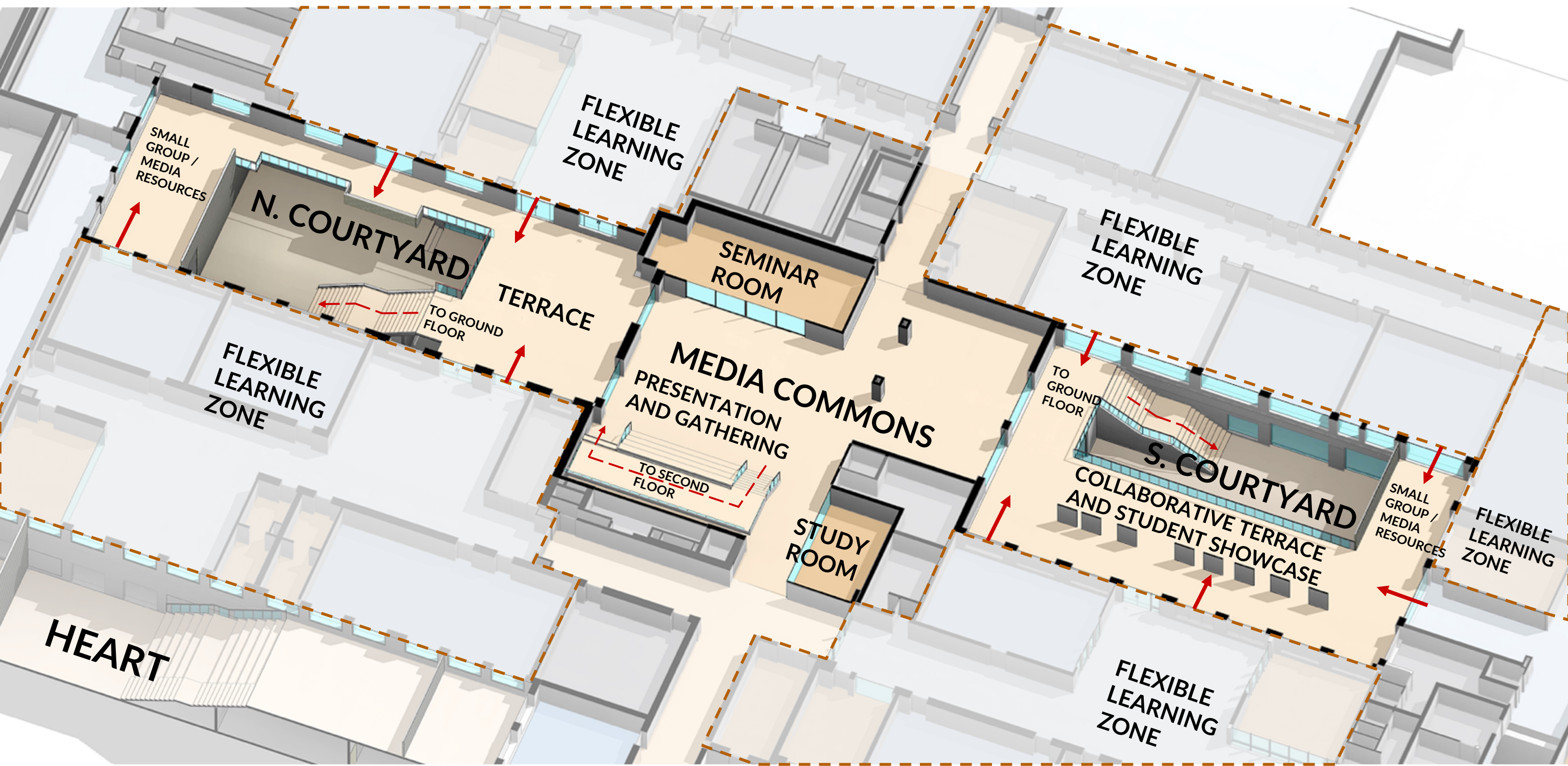
- “Breed Creativity”
- “Central Message Board”
- “Study Rooms”
- “More Collaboration”
- “More Self Directed Learning”
- “Heart to the School”
- “Gathering Space”
- “Entrepreneurship Room”



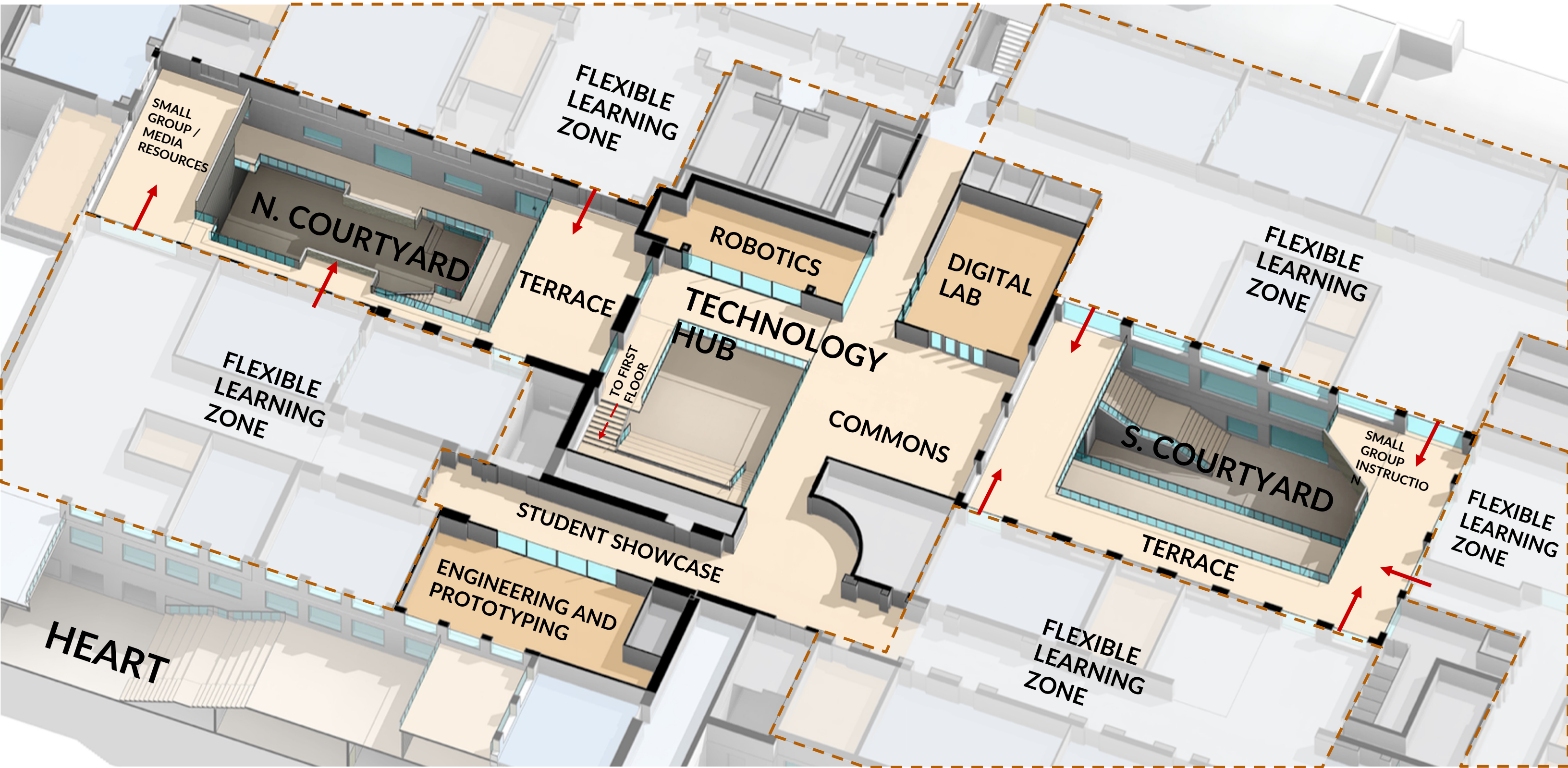
STEP 2 | Collaborative Hub



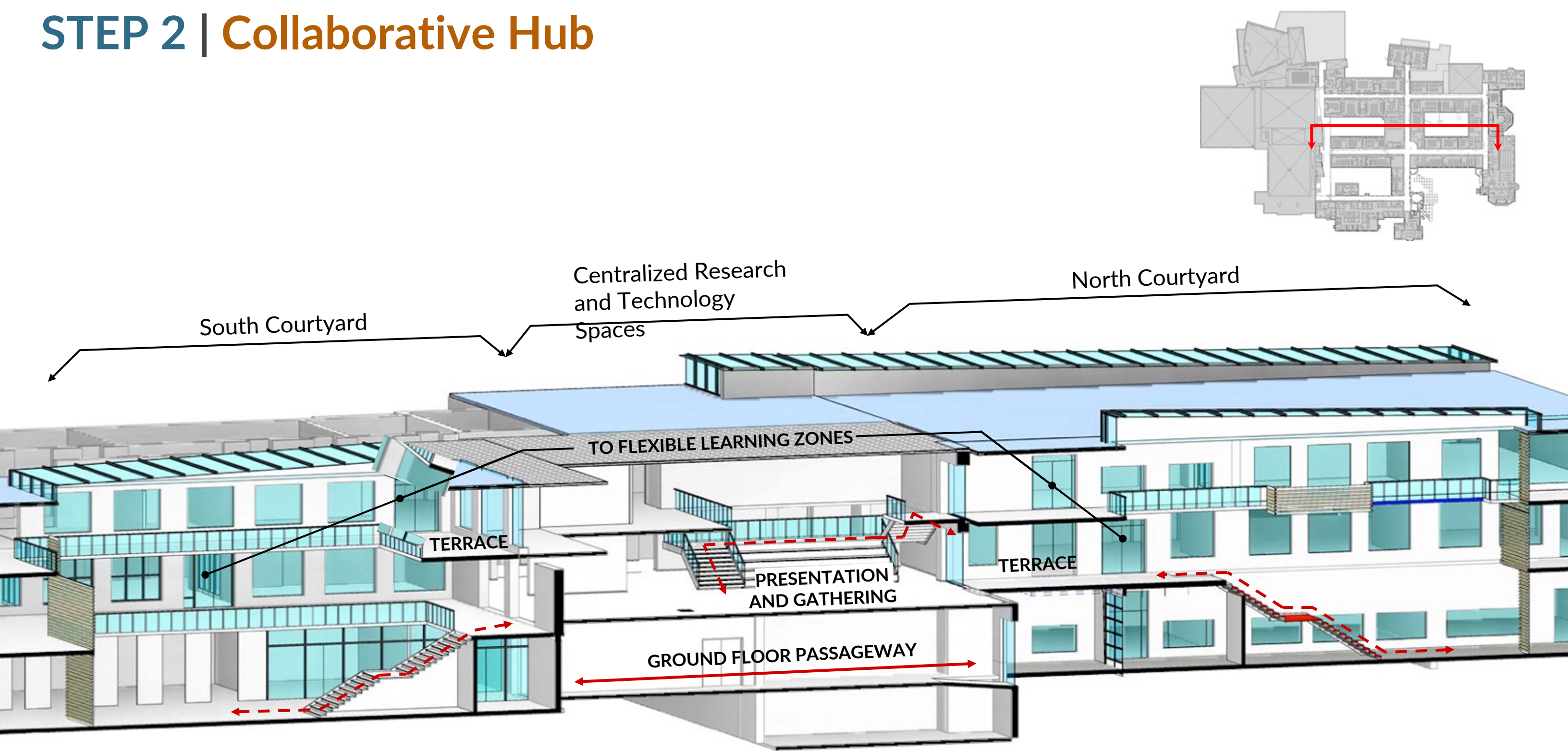
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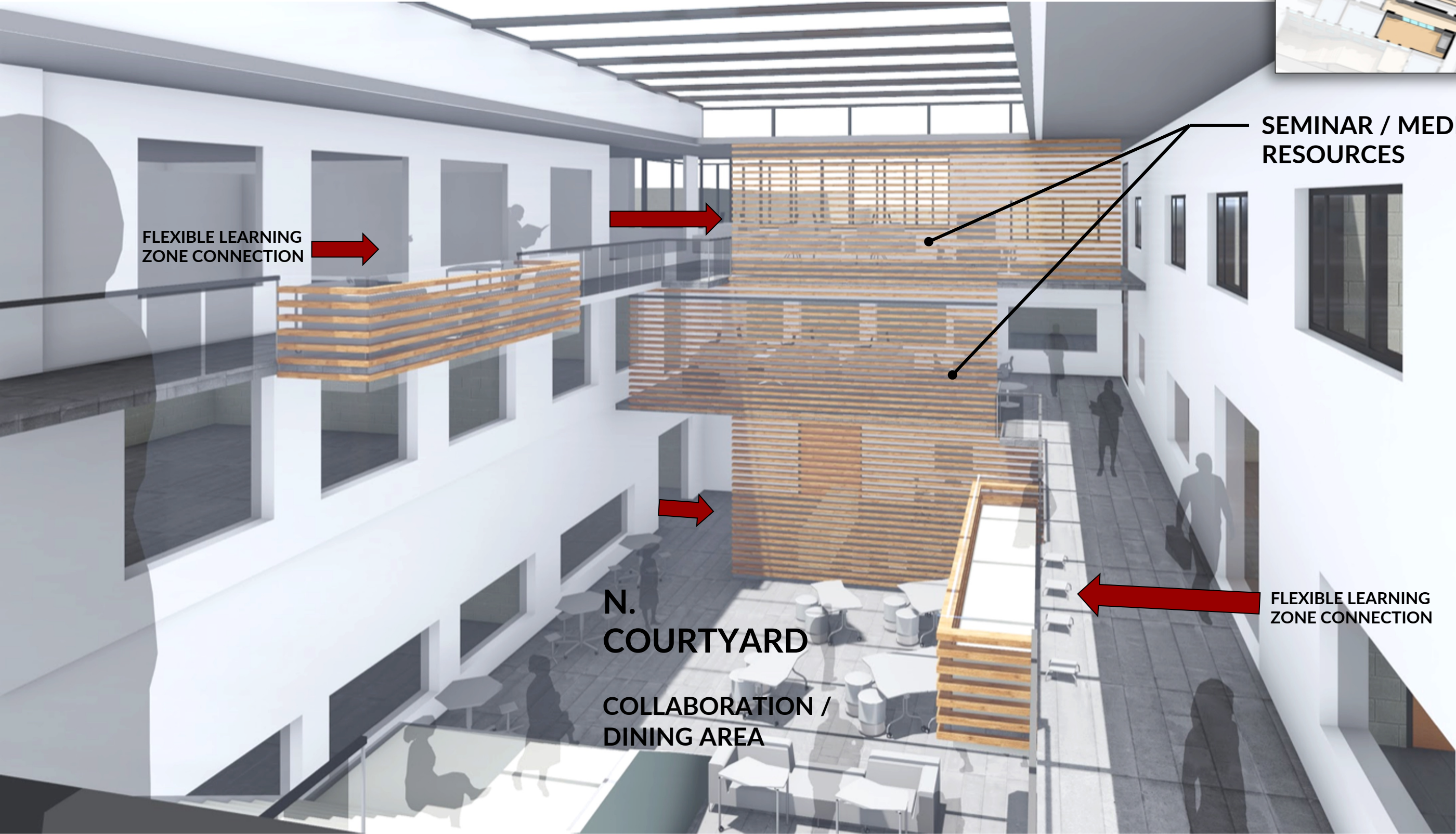
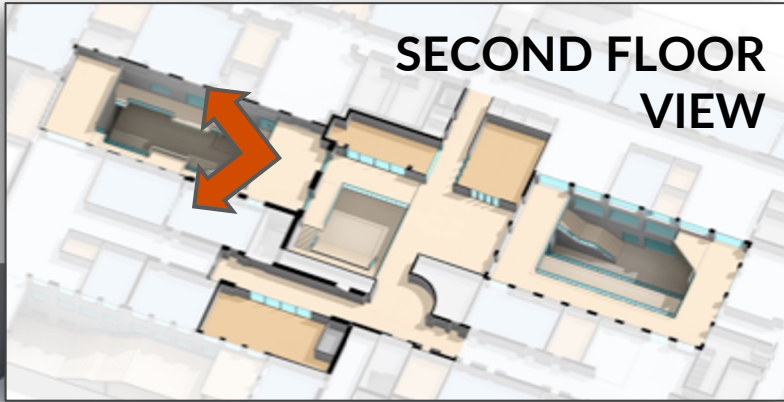
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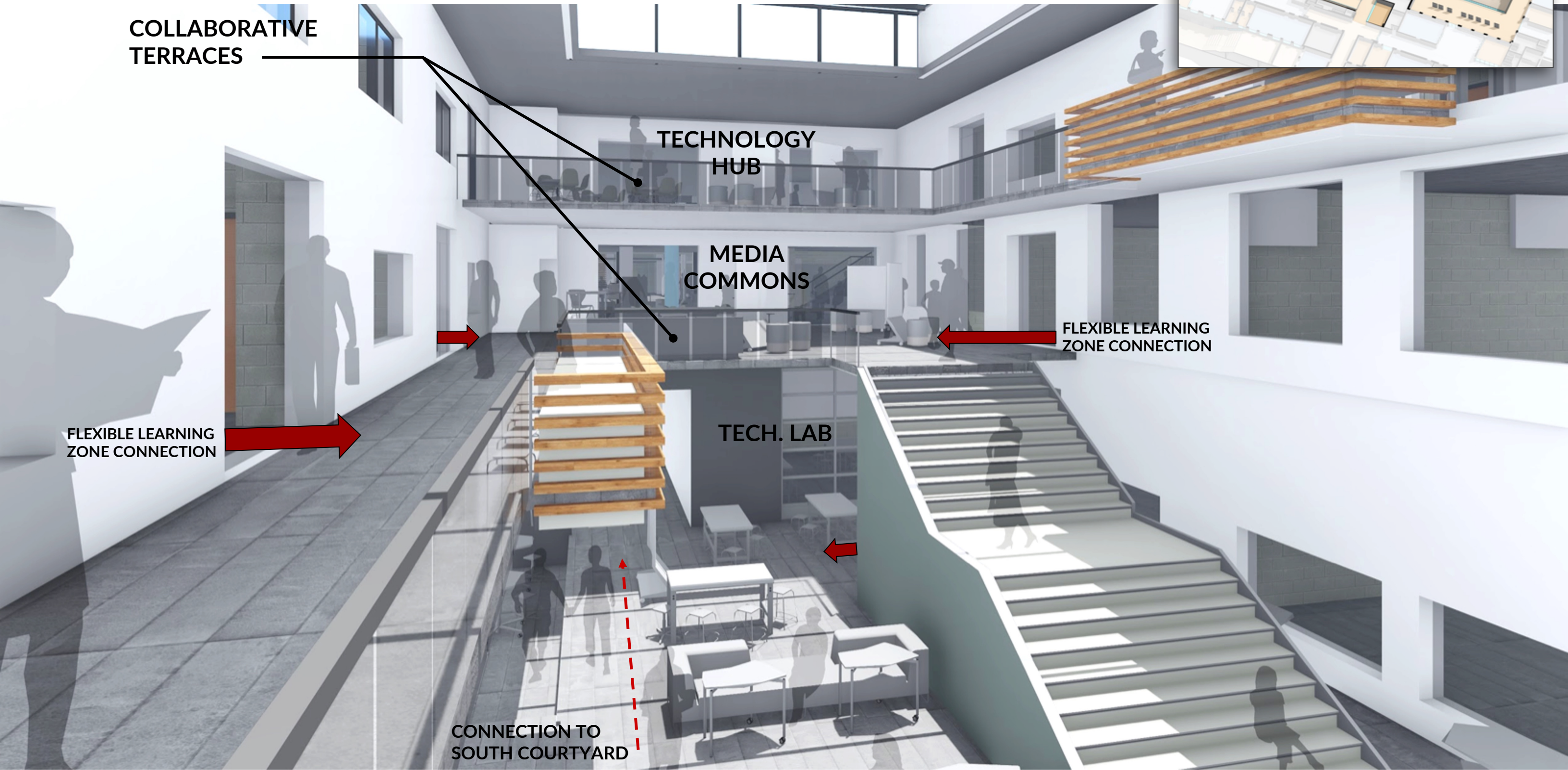
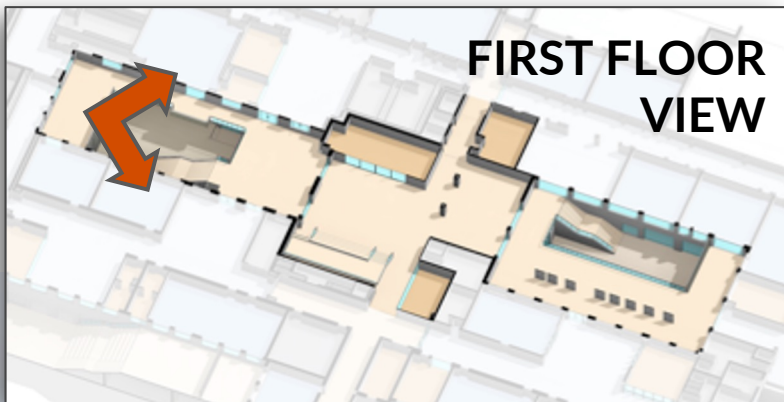
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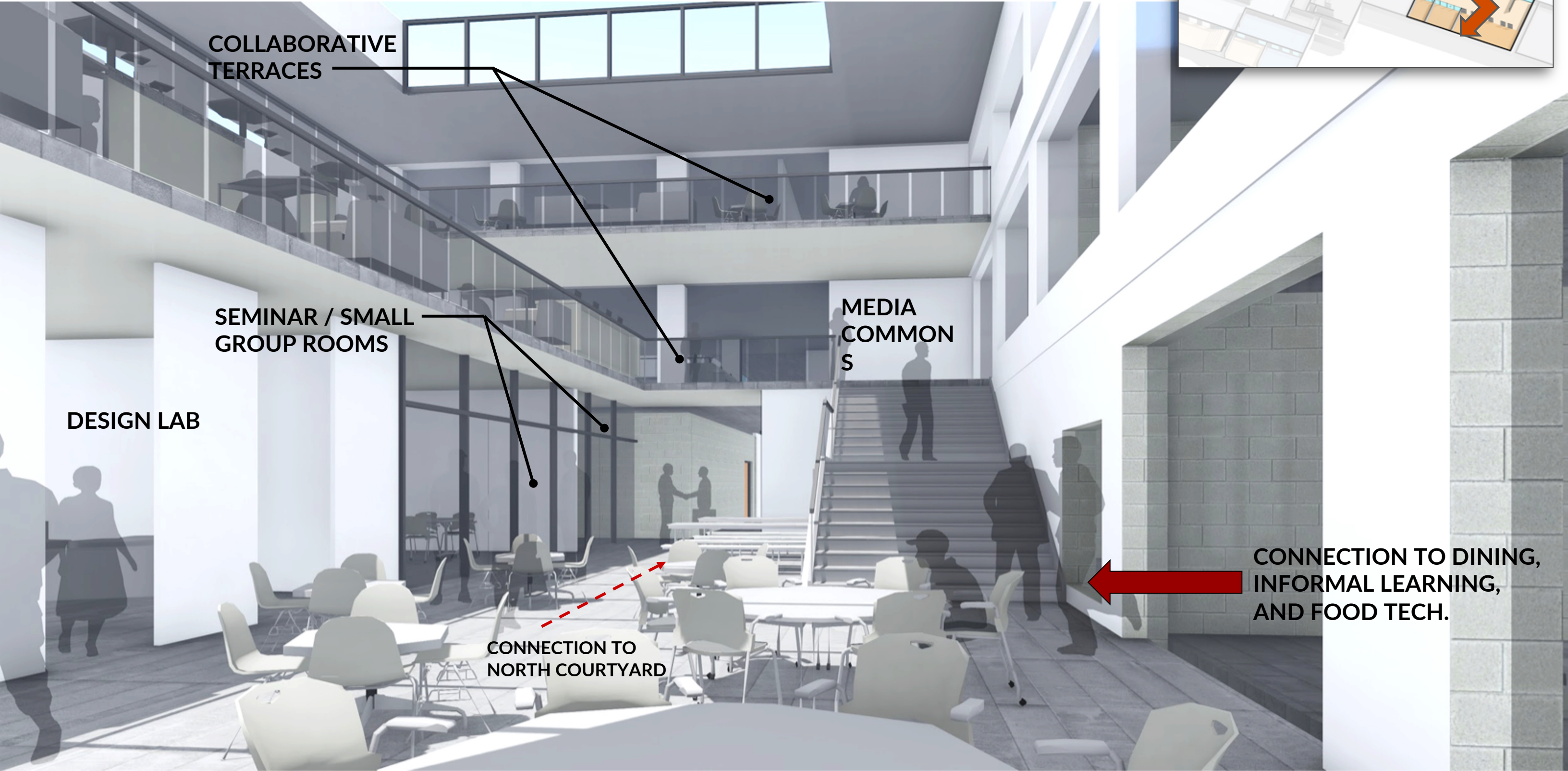
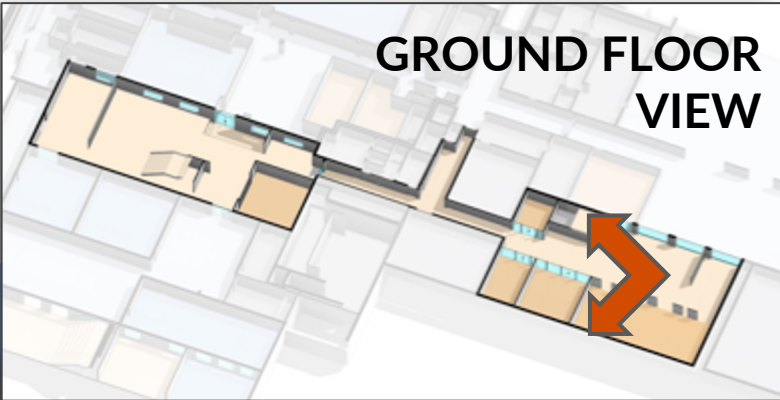
STEP 2 | Collaborative Hub



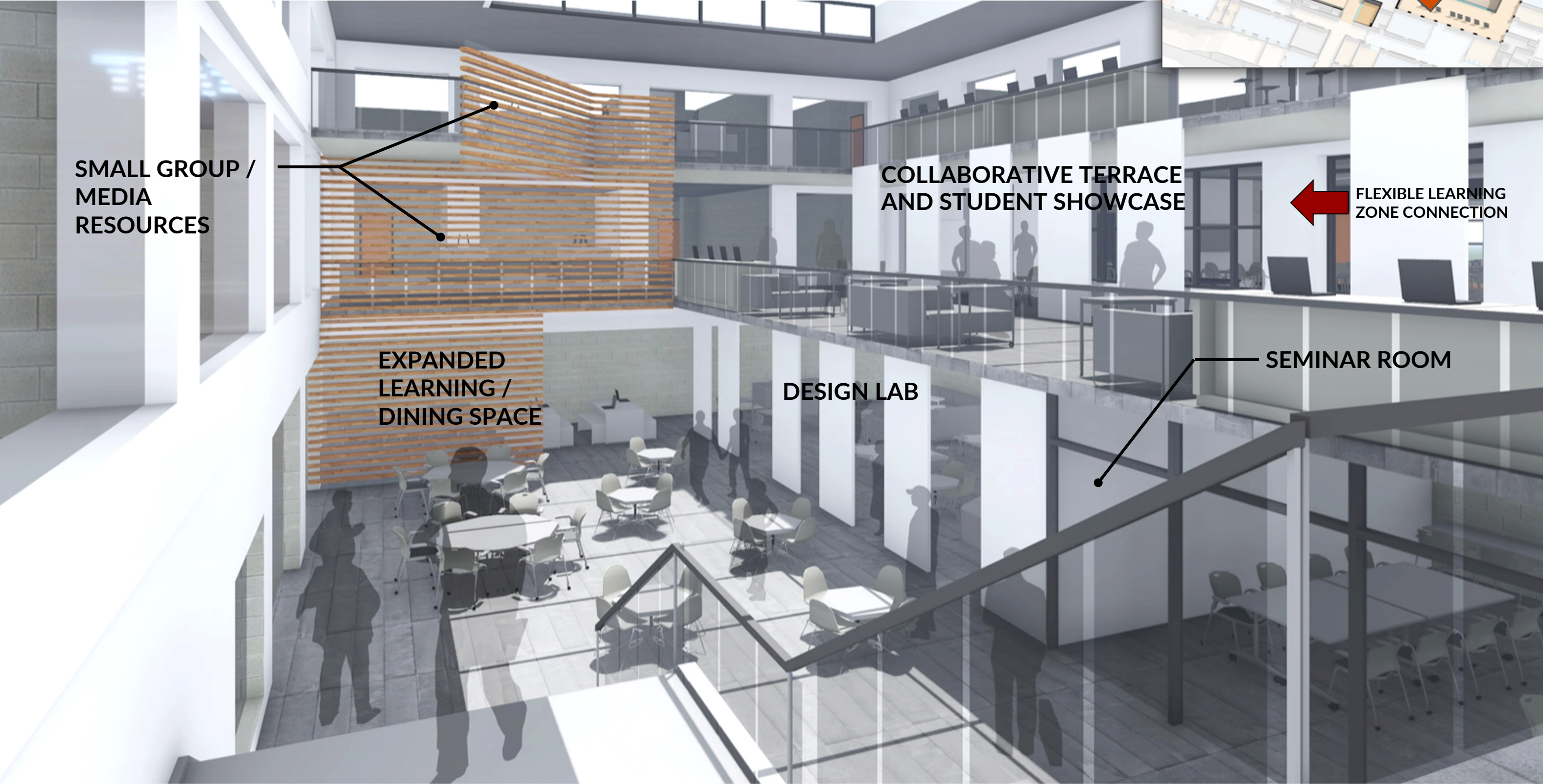
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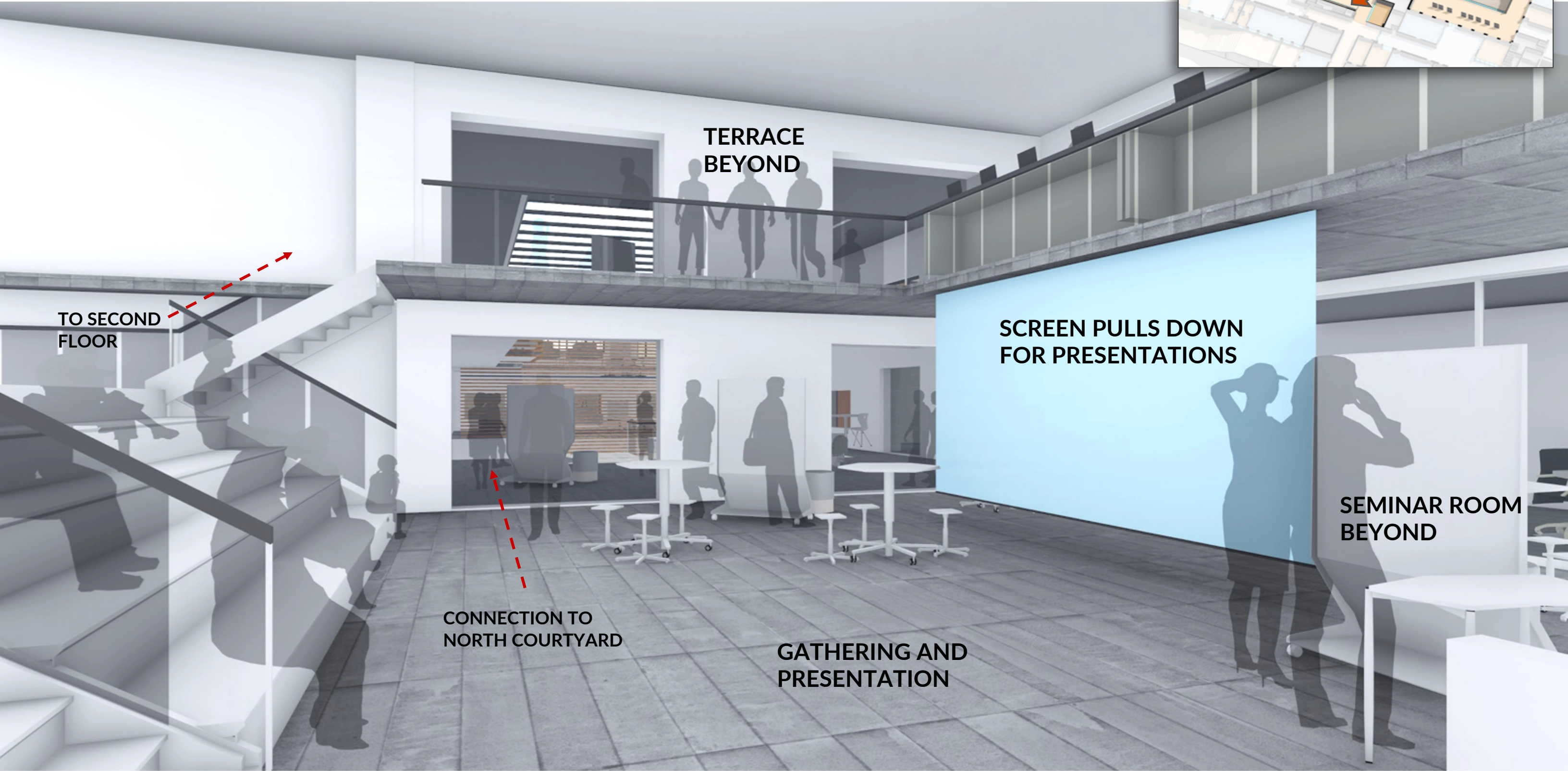
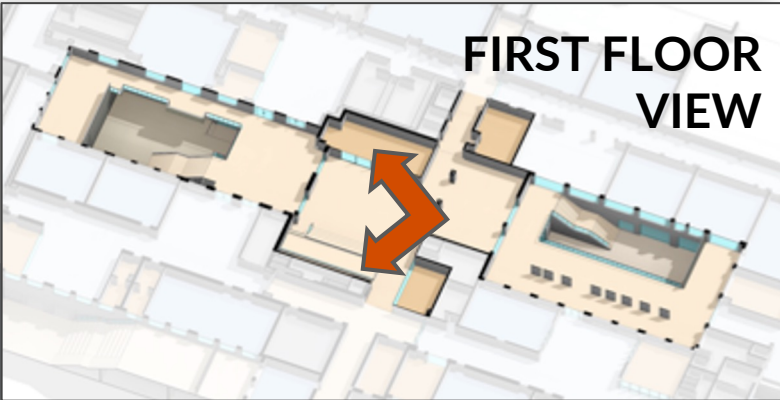
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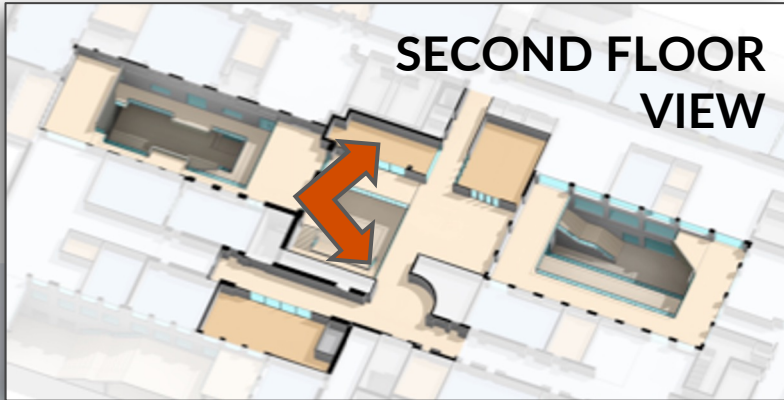
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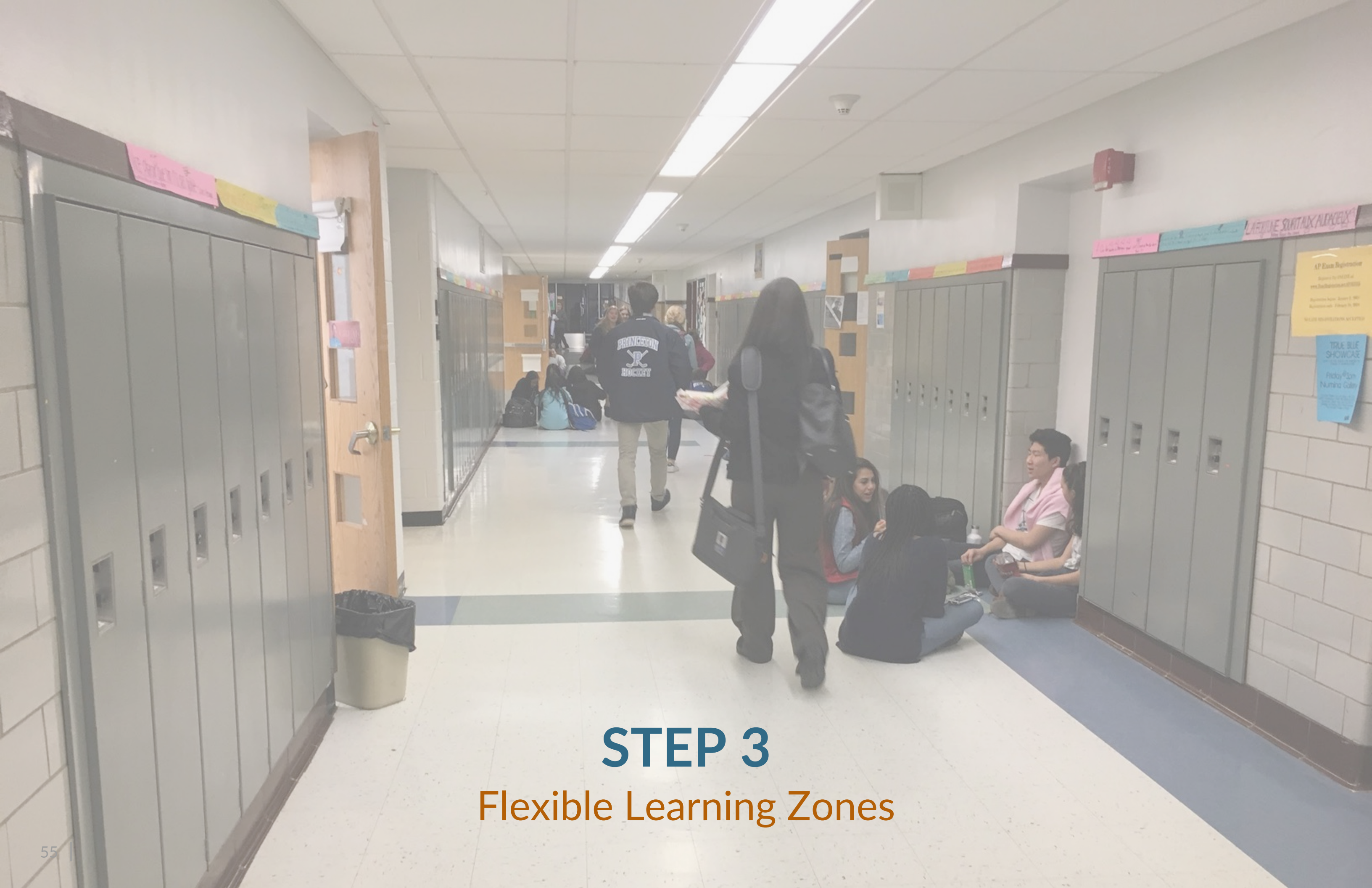


STEP 2 | Collaborative Hub



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STEP 3

Flexible Learning Zones

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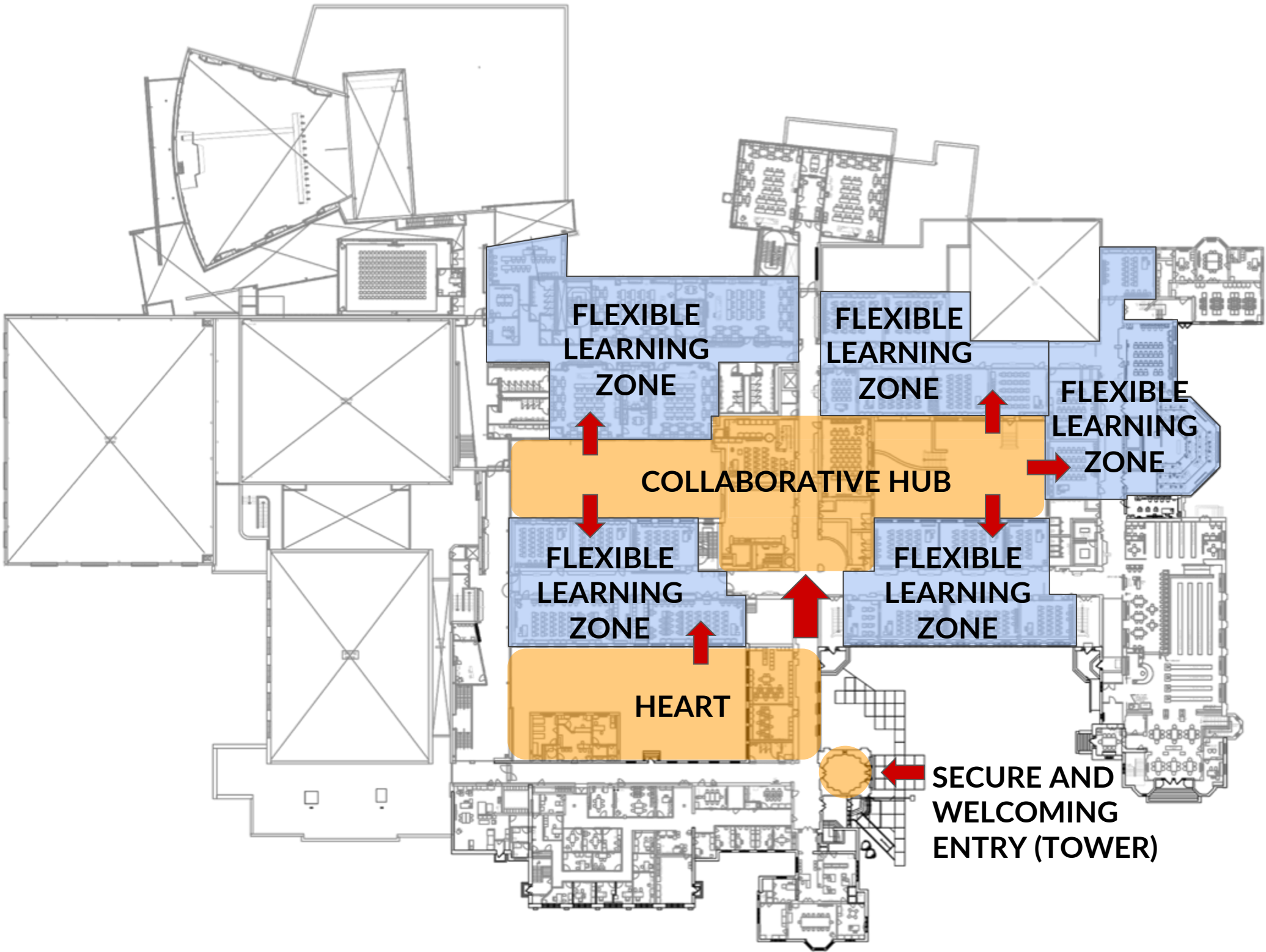
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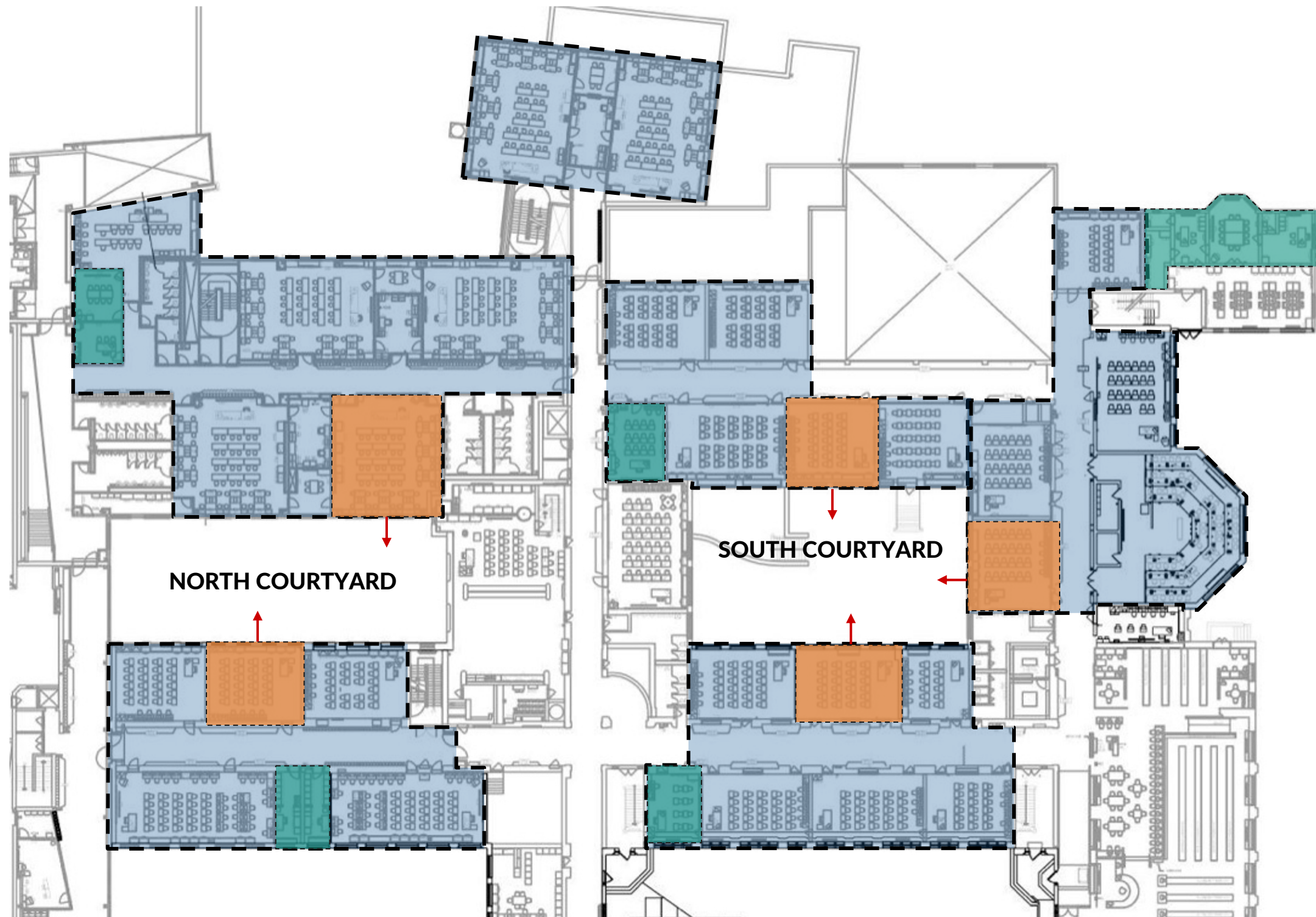
Build Community among teachers and students

Distribute Educators and provide teacher collaboration spaces






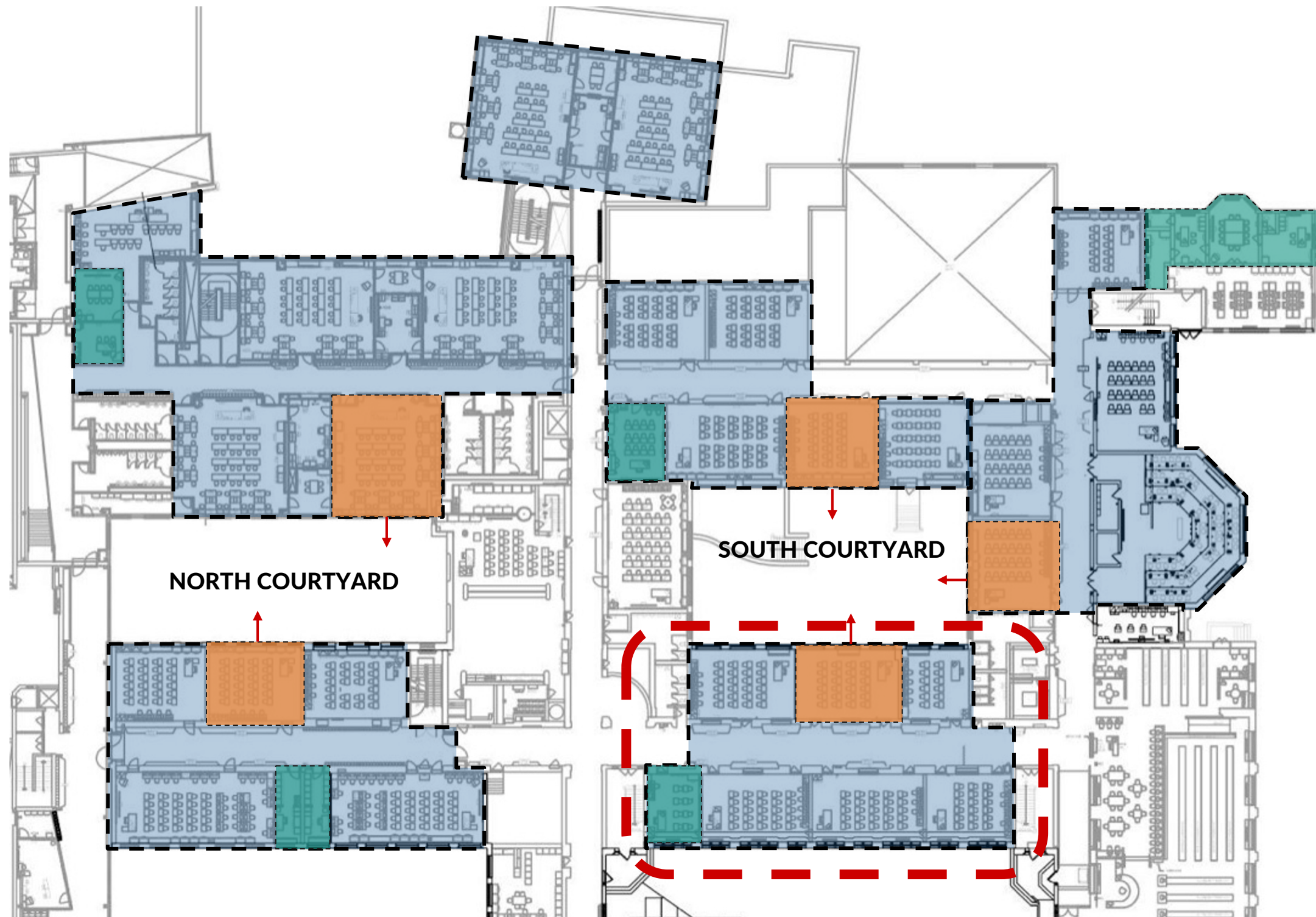
STEP 3 | Flexible Learning Zones

- TEACHER COLLABORATION SPACES
- COMMONS
- FLEXIBLE LEARNING ZONES

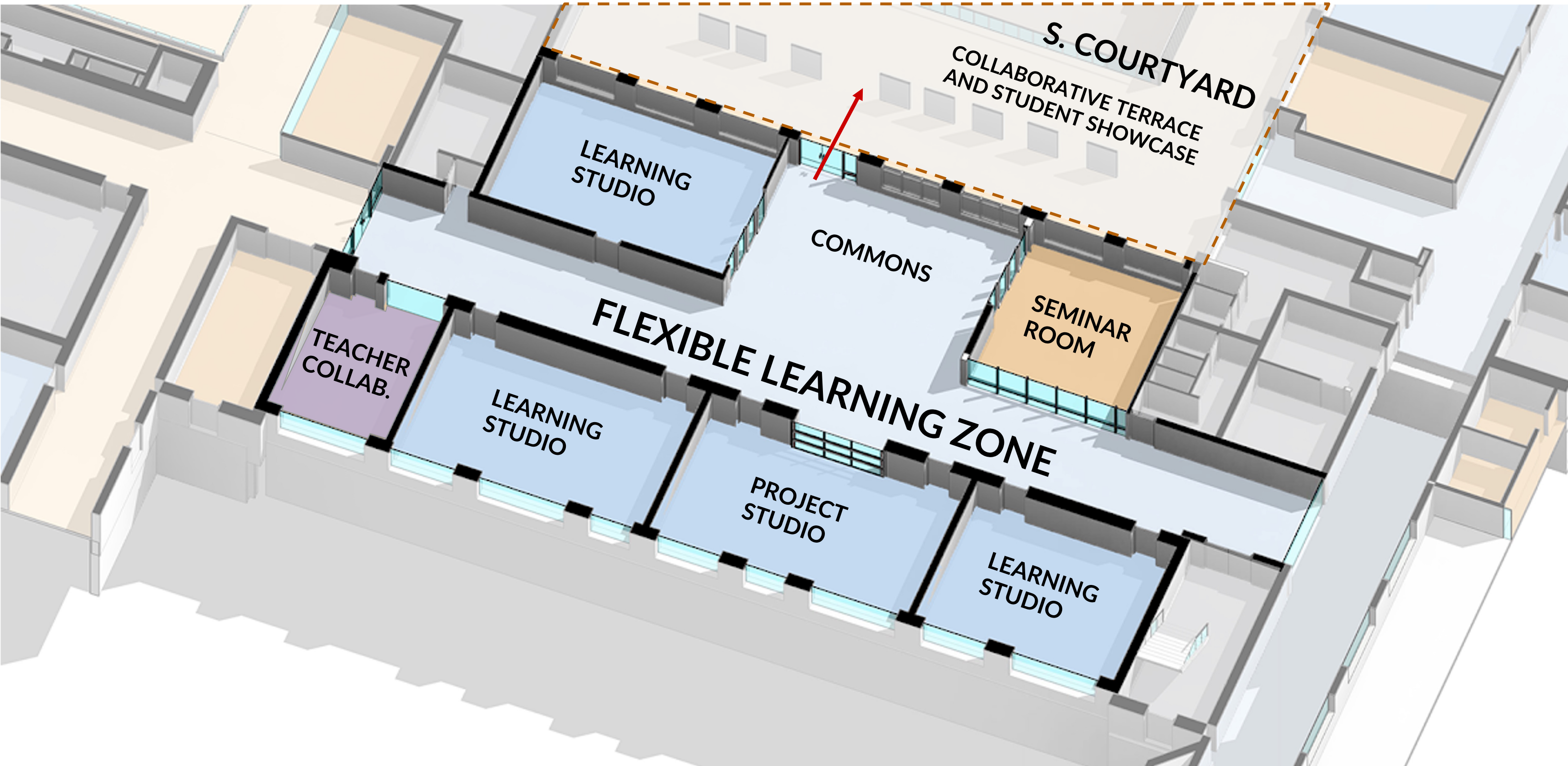


STEP 3 | Flexible Learning Zones

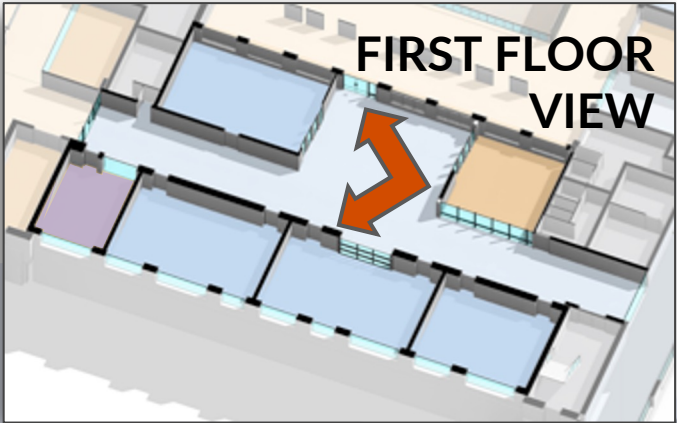
-  FLEXIBLE LEARNING ZONES
-  COMMONS SPACES
-  TEACHER COLLABORATION SPACES



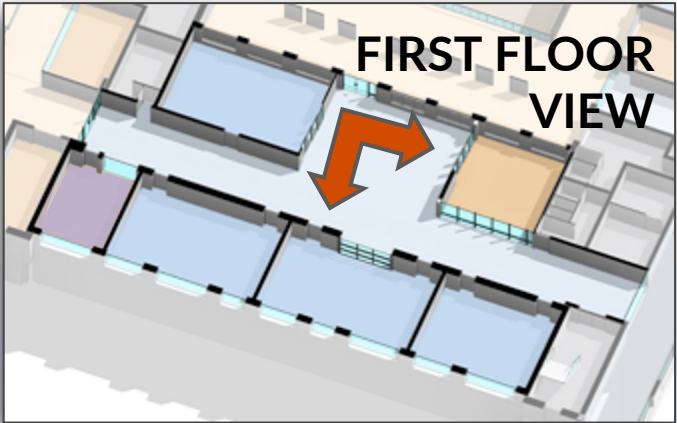
STEP 3 | Flexible Learning Zones



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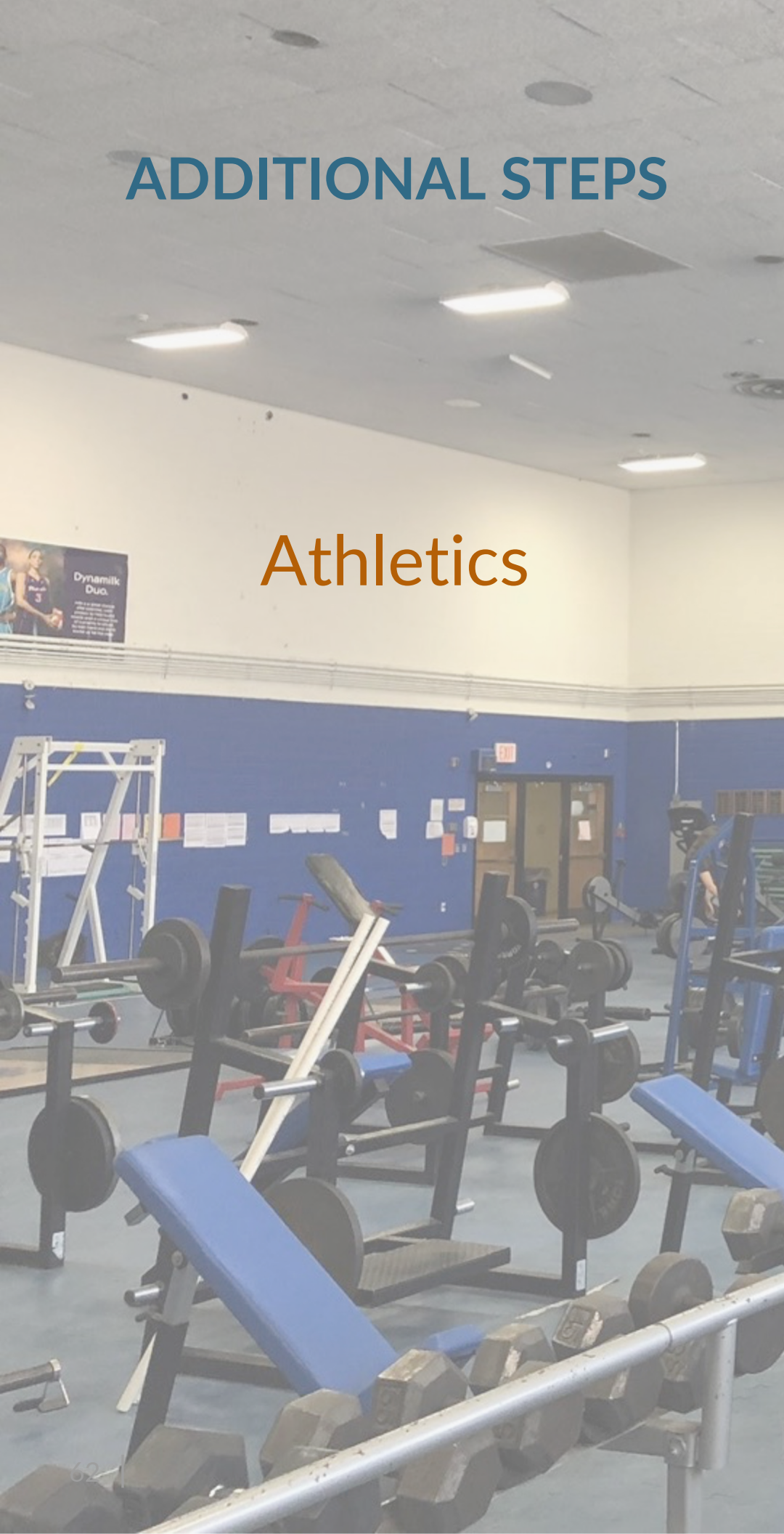


STEP 3 | Flexible Learning Zones



ADDITIONAL STEPS

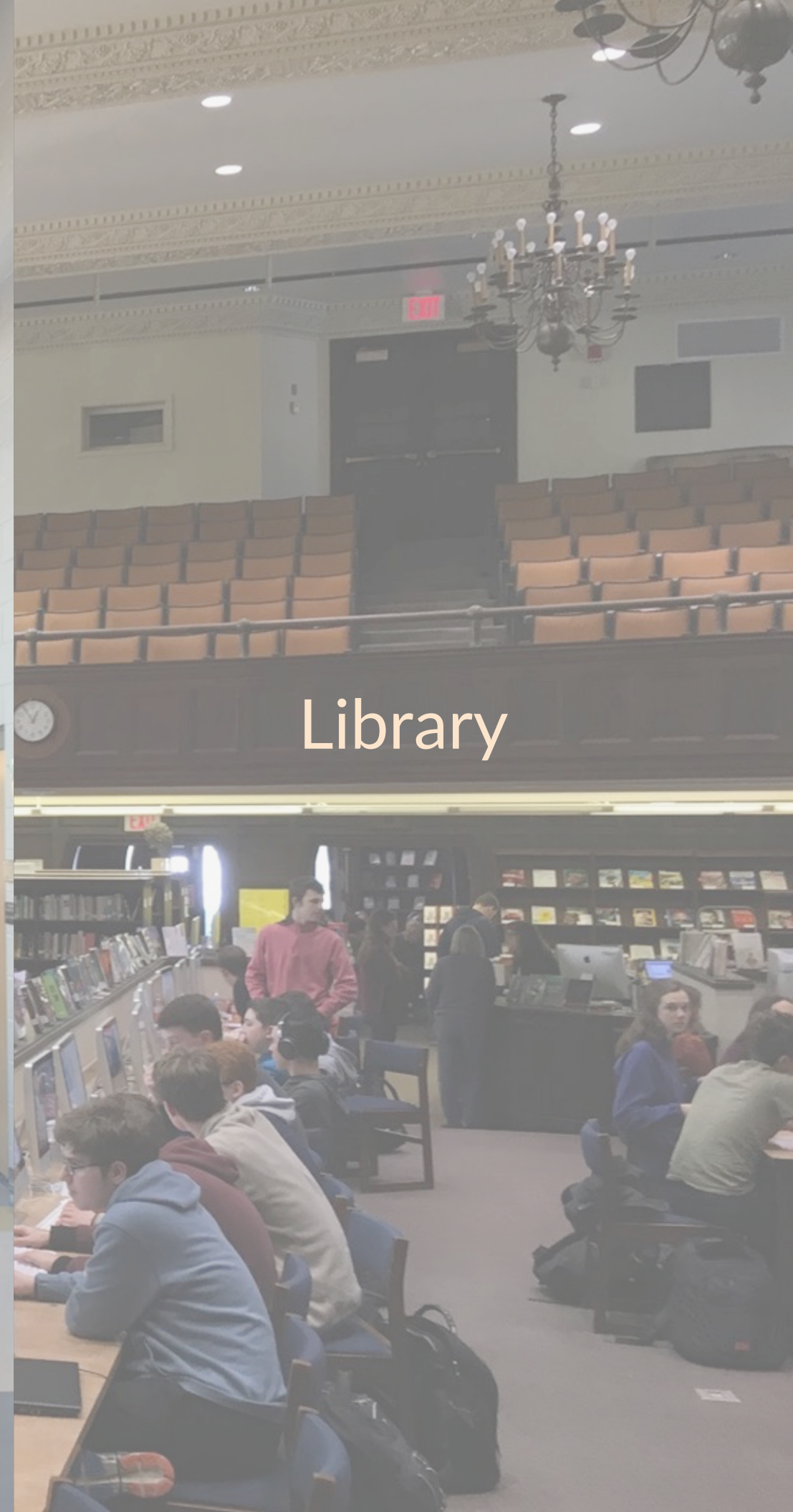
Athletics



PAC



Library

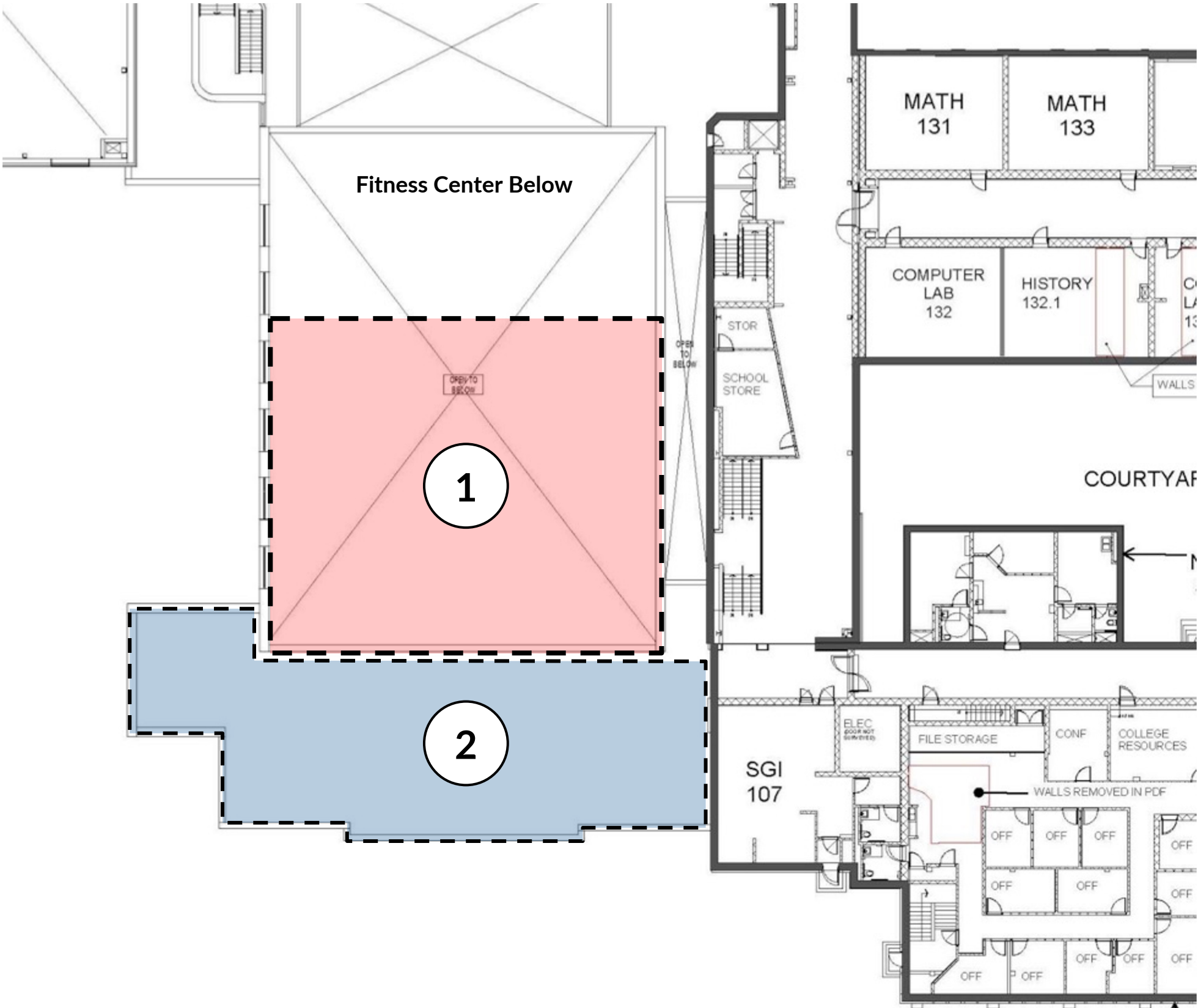


Athletics



ADDITIONAL STEPS | Athletics

- 1 Create second floor within Fitness Center to provide space for dedicated wrestling and movement rooms
- 2 Build addition above existing Health Suite for additional Flexible Learning Zone space

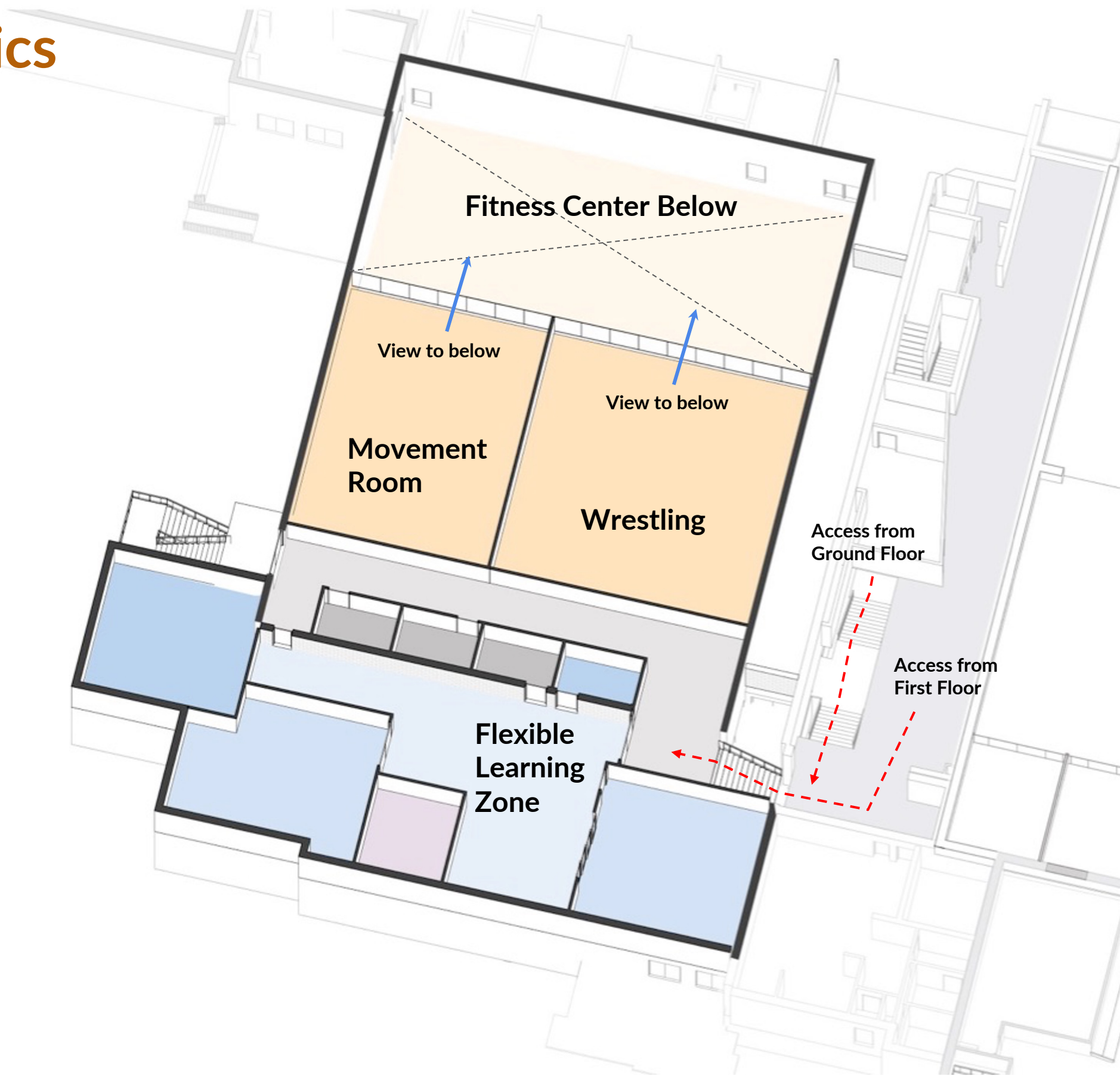


IN ASSOCIATION WITH



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IN ASSOCIATION WITH



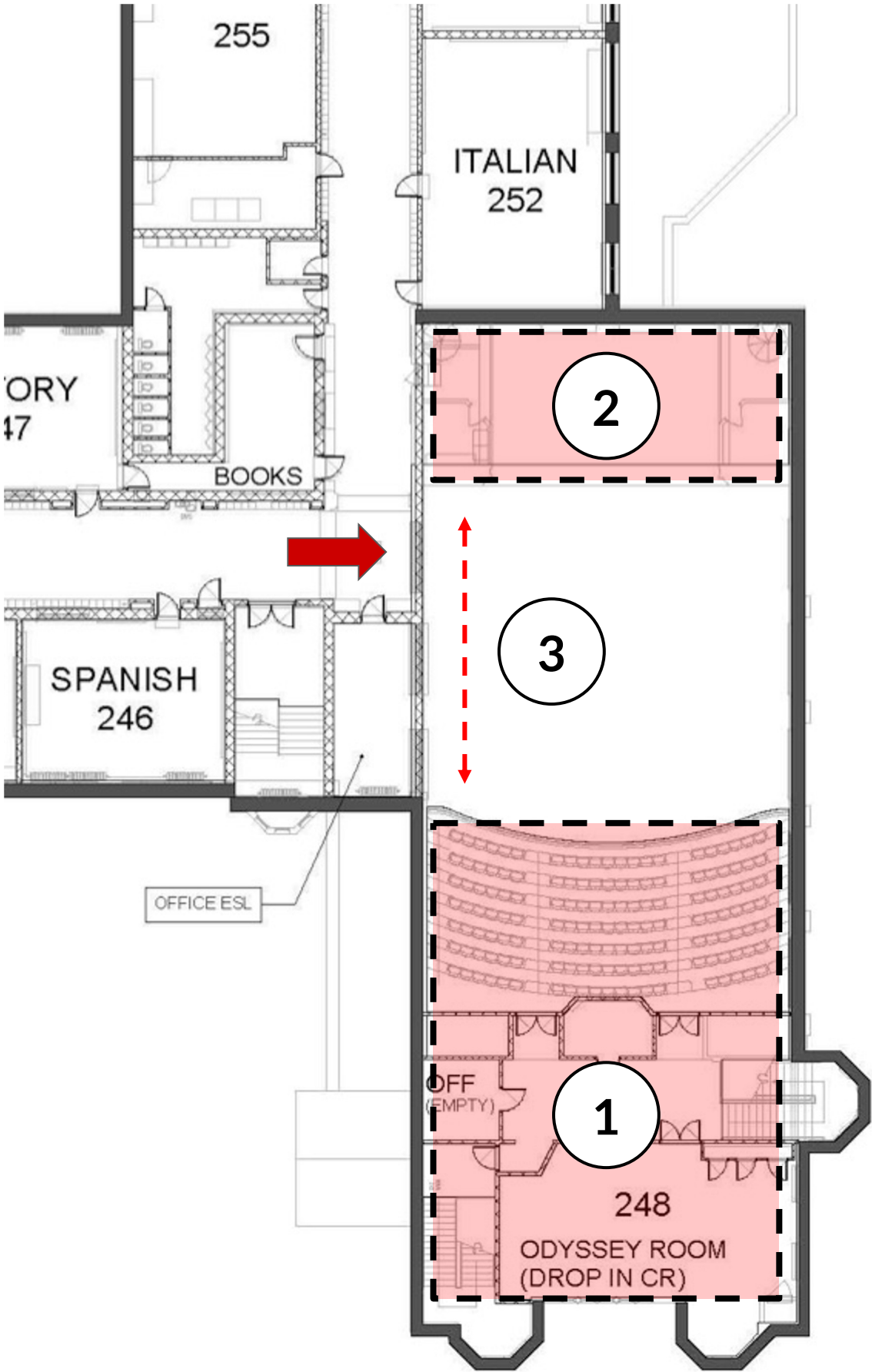
ADDITIONAL STEPS

Library

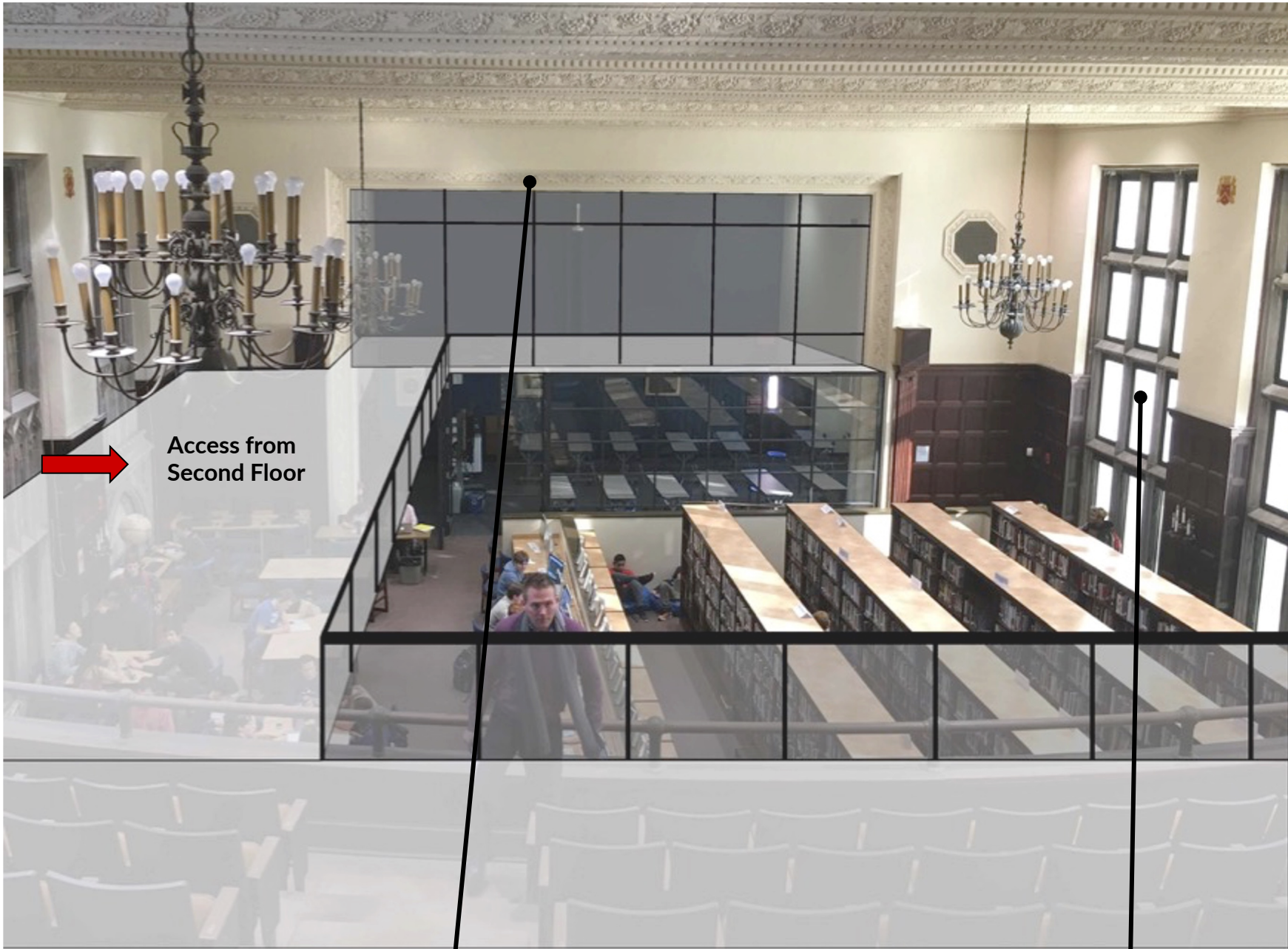


ADDITIONAL STEPS | Library

- 1 Renovate auditorium balcony to create usable learning space
- 2 Add second floor to proscenium space to create additional learning spaces
- 3 Create bridge providing access to all new spaces from existing second floor

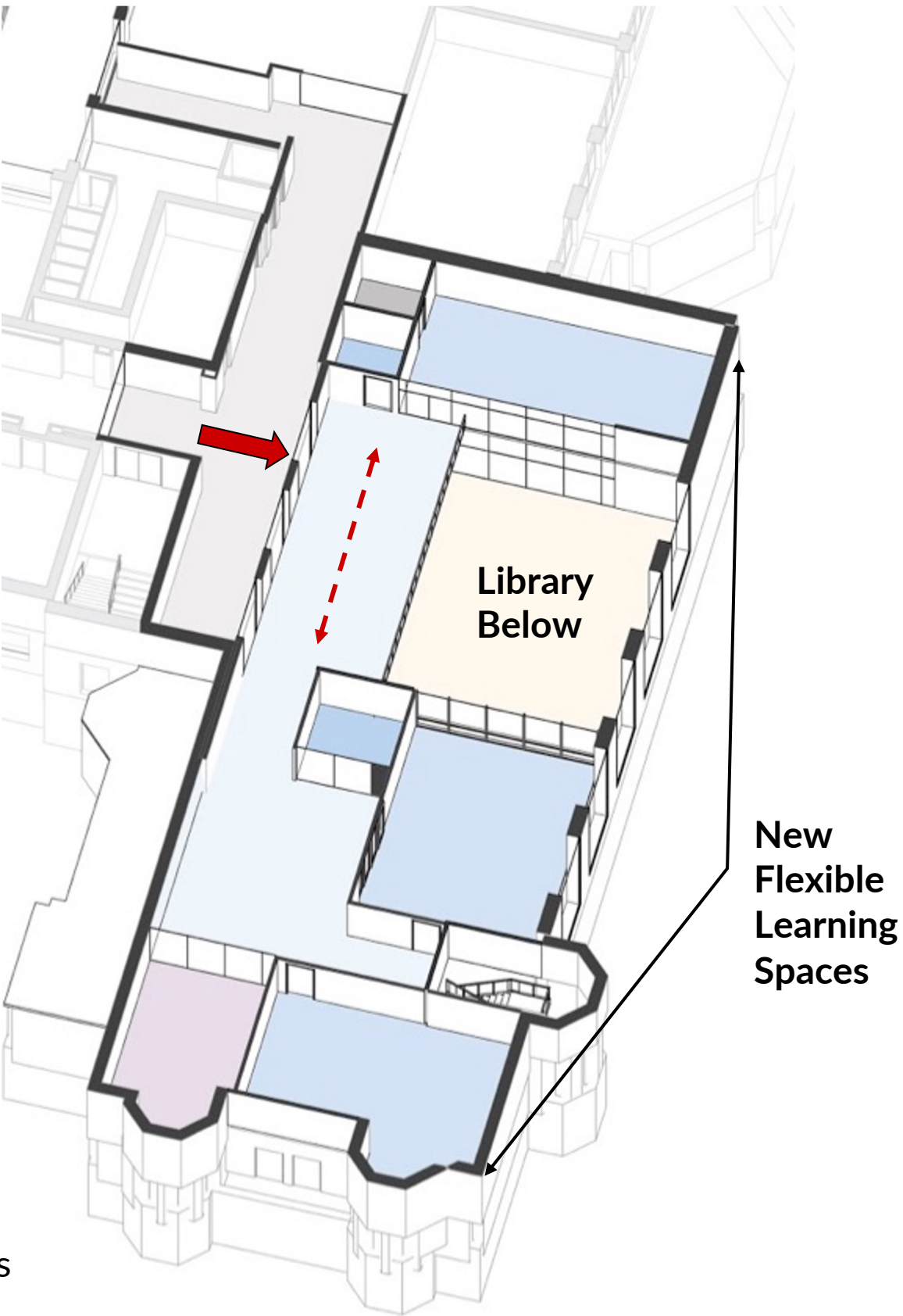


ADDITIONAL STEPS | Library



Preserve proscenium detailing

Preserve existing windows



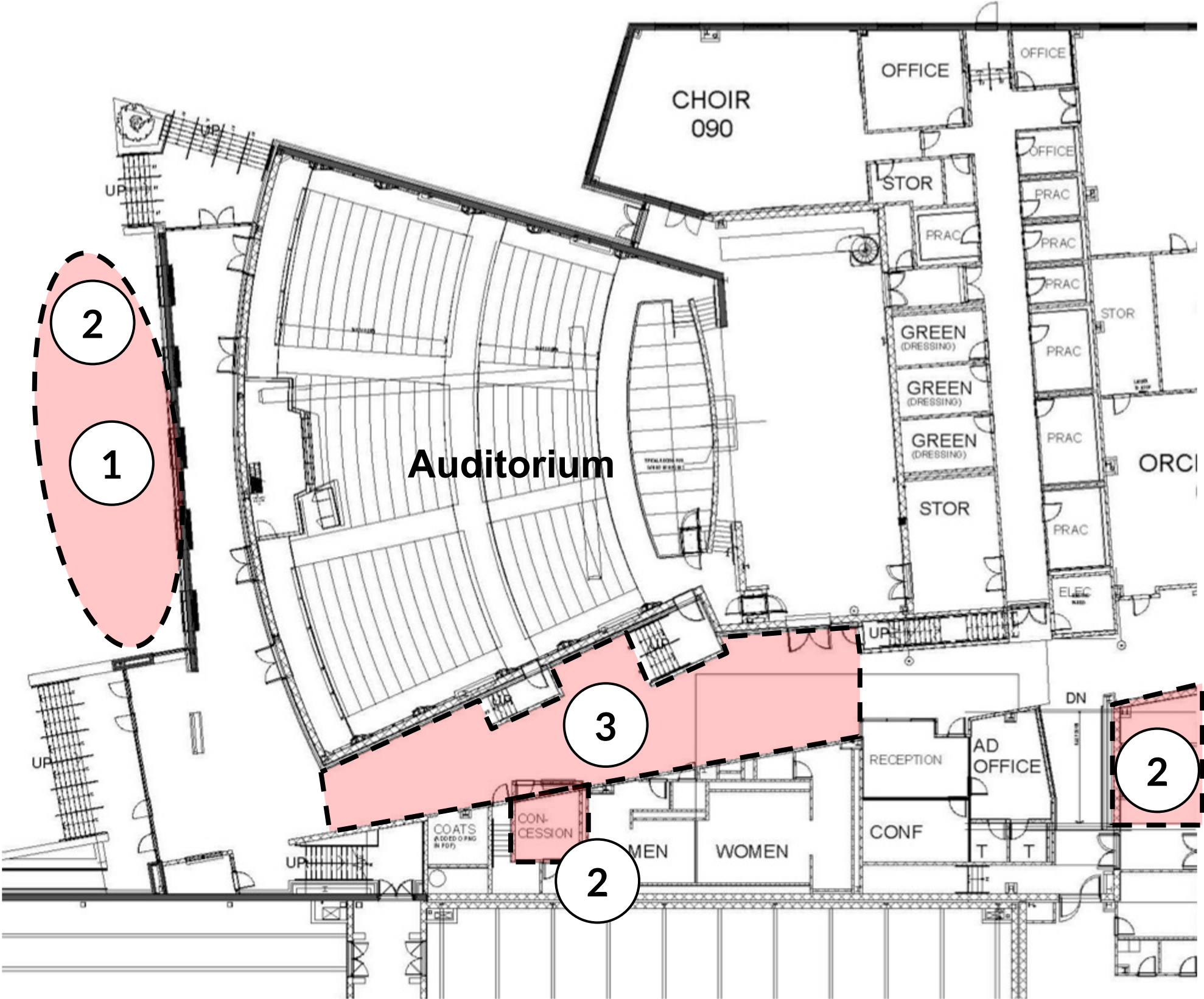
ADDITIONAL STEPS

PAC

Trago Blancosino Auditorium

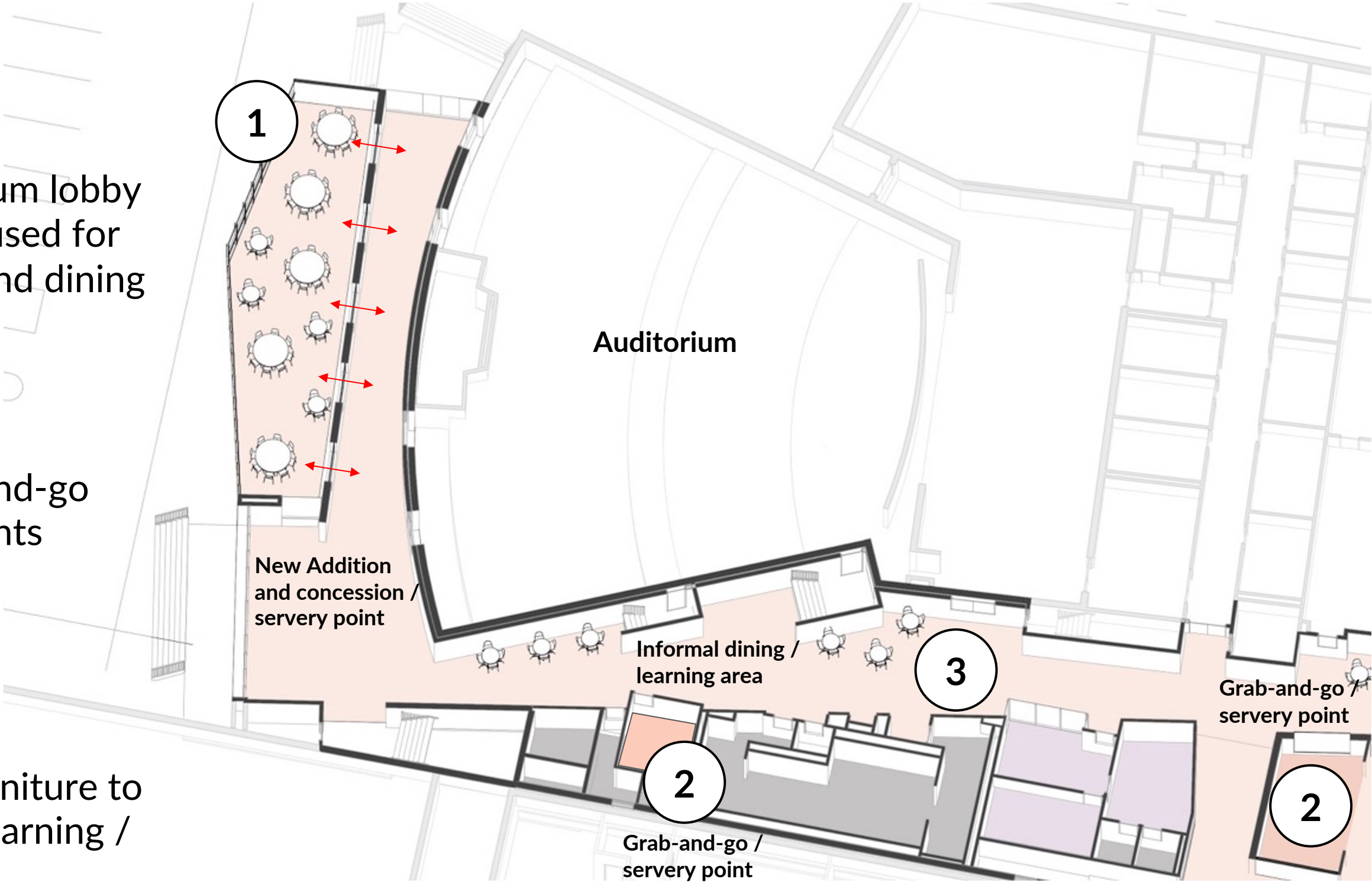
ADDITIONAL STEPS | PAC

- 1 Build new auditorium lobby space that can be used for informal learning and dining
- 2 Create new grab-and-go and/or servery points
- 3 Provide flexible furniture to activate informal learning / dining areas



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Princeton High School Design Refinement

March 13, 2018

