



# PHILADELPHIA PERFORMING

ARTS

# CHARTER SCHOOL





## *agenda*

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- Team
- Experience
- Your Project





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**OUR TEAM**





JOSEPH JANKUSCA, RA  
PRESIDENT / PROJECT DIRECTOR  
J2A ARCHITECTS

LITTLE

BETH BUFFINGTON, AIA, LEED AP (BC+D)  
PRINCIPAL IN CHARGE

TOMAS ELIAESON, AIA, LEED AP (BC+D)  
DESIGN DIRECTOR

TOM BALKE, AIA, LEED AP (BC+D)  
SCHOOL PLANNER

RICHARD NAAB AIA, CDT  
PROJECT MANAGER / ARCHITECT

CURTIS KASEFANG  
THEATER DESIGNER  
THEATER CONSULTANTS  
COLLABORATIVE

DAVID GREENBERG  
ACOUSTIC CONSULTANT  
CREATIVE ACOUSTICS

STRUCTURAL ENGINEERING  
O'DONNELL & NACCARATO

MEP ENGINEERING  
VANDERWEIL

CIVIL ENGINEERING  
GILMORE & ASSOCIATES





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**EXPERTISE**



# Expertise

## J2A CHARTER SCHOOL EXPERIENCE

<i>Year</i>	<i>Projects</i>	<i>Square Footage</i>	<i>Dollar Value</i>
<b>2002</b>	<b>12</b>	<b>650,000sf</b>	<b>\$95,000,000</b>





# Expertise

## LITTLE NATIONAL SCHOOL EXPERIENCE

<i>Year</i>	<i>Projects</i>	<i>Square Footage</i>	<i>Dollar Value</i>
1965	225	1,200,000sf	\$1,500,000,000





# Expertise

## LITTLE NATIONAL & INTERNATIONAL EXPERIENCE

RETAIL



COMMUNITY



WORKPLACE



INTERNATIONAL





# Expertise

## CONSULTANTS



Theatre Consultants Collaborative



Vanderweil



O'Donnell & Naccarato



Creative Acoustics



# Expertise

THEATER CONSULTANTS COLLABORATIVE / CREATIVE ACOUSTICS



**Asolo Opera House, Sarasota, Florida**



**Auraria Higher Education Center, Denver, Colorado**



**Austin City Limits, Austin, Texas**



**Burning Coal Theater, Raleigh, North Carolina**



# Expertise

THEATER CONSULTANTS COLLABORATIVE / CREATIVE ACOUSTICS



Dock Street, X



Ruby Diamond, Florida State University



Geffen Studio, Los Angeles



Montgomery Gym / Studio, Florida State University



# Expertise

THEATER CONSULTANTS COLLABORATIVE / CREATIVE ACOUSTICS



Imperial Center, Rocky Mount, NC



Shalin Liu



Mem Hall Auditorium



Shalin Liu

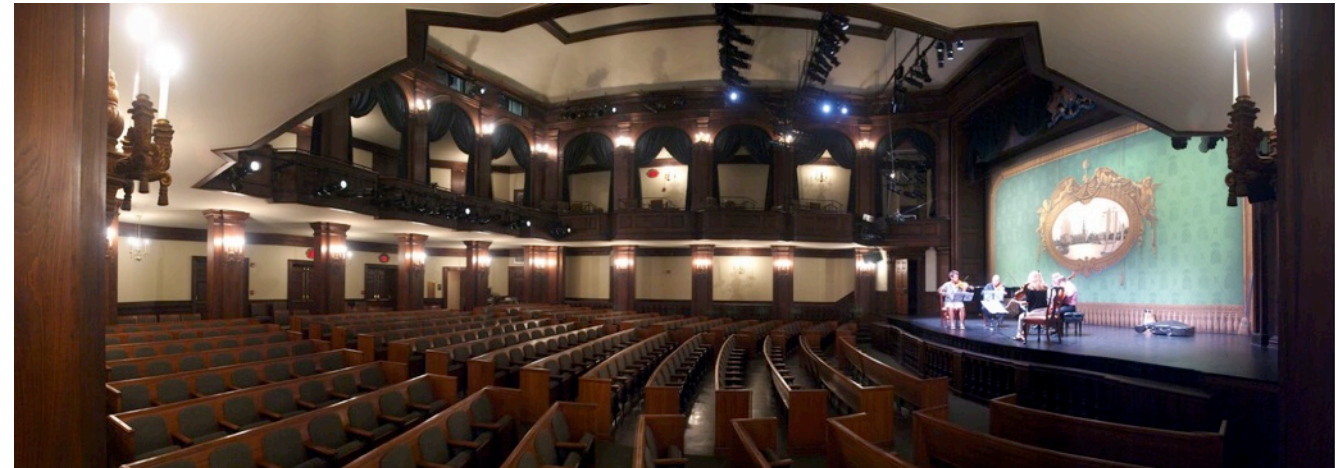


# Expertise

THEATER CONSULTANTS COLLABORATIVE / CREATIVE ACOUSTICS



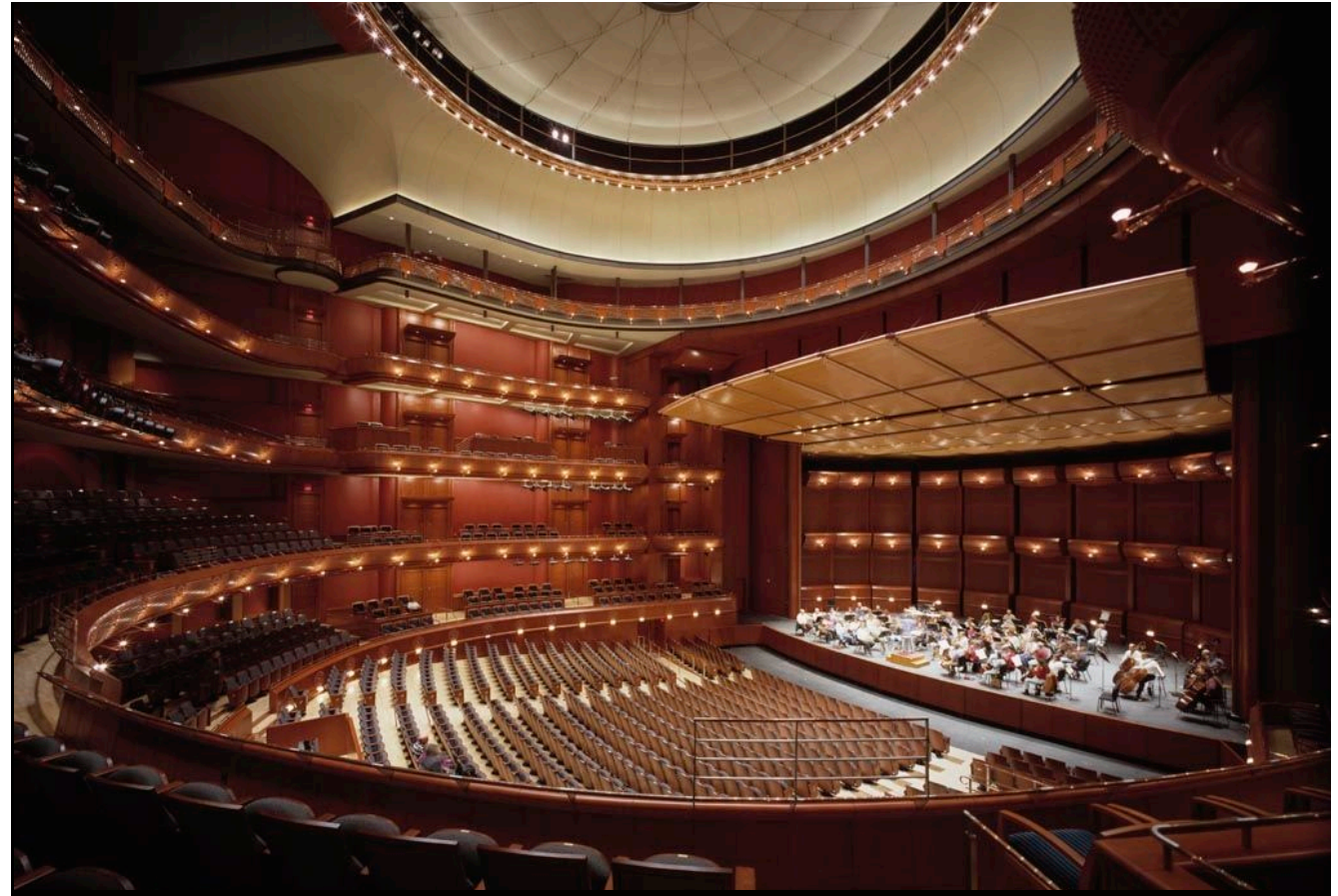
**Knight Theater, Charlotte, NC**



**Dock Street Theater, Charleston, SC**



**American Theater, Hampton, Va**



**New Jersey Performing Arts Center, Newark, NJ**



# Expertise

## ARTS CASE STUDY: CHAPMAN CULTURAL ARTS CENTER





# Expertise

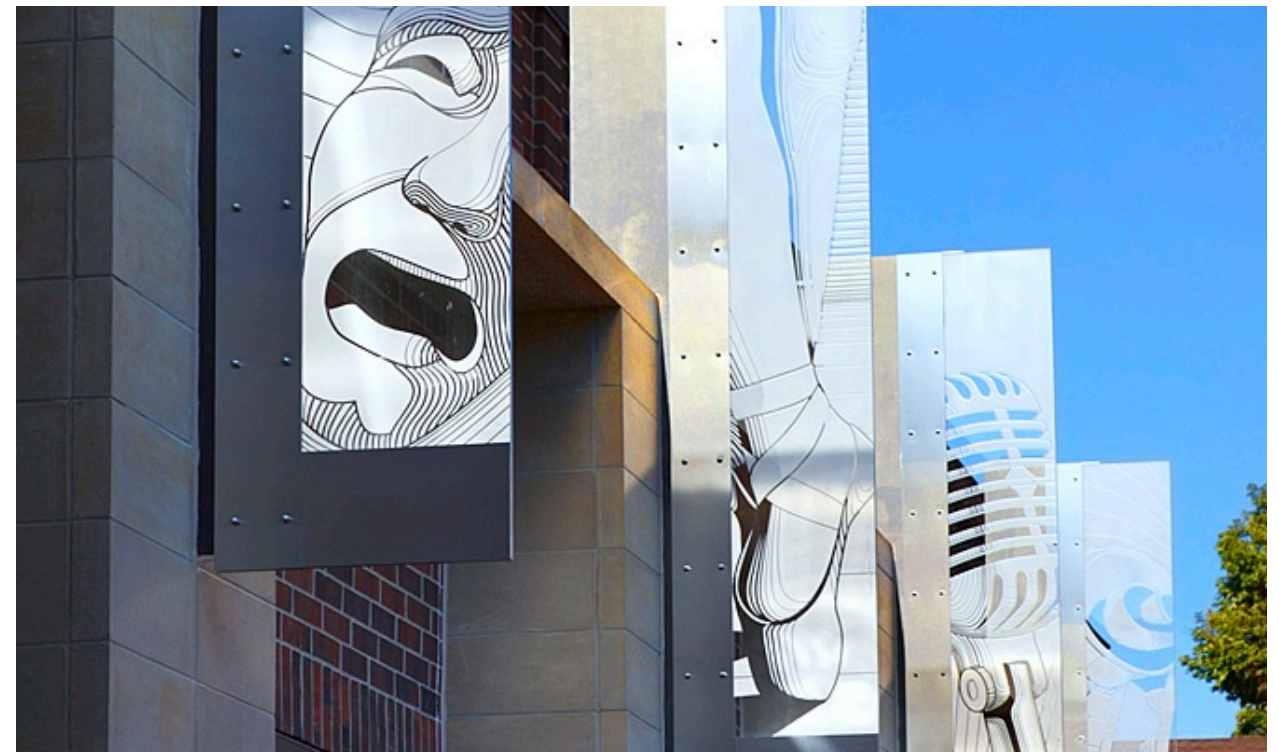
## ARTS CASE STUDY: OVERCASH PERFORMING ARTS & ACADEMIC CENTER





# Expertise

## ARTS CASE STUDY: LATIN SCHOOL





# Expertise

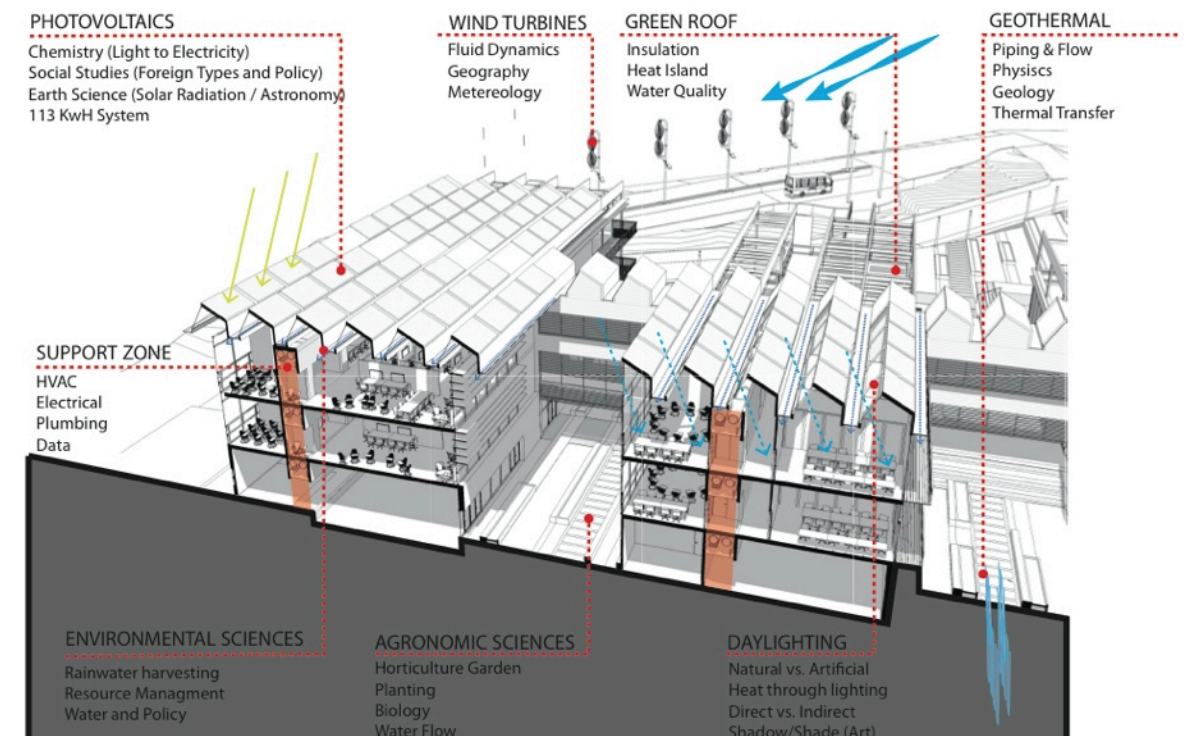
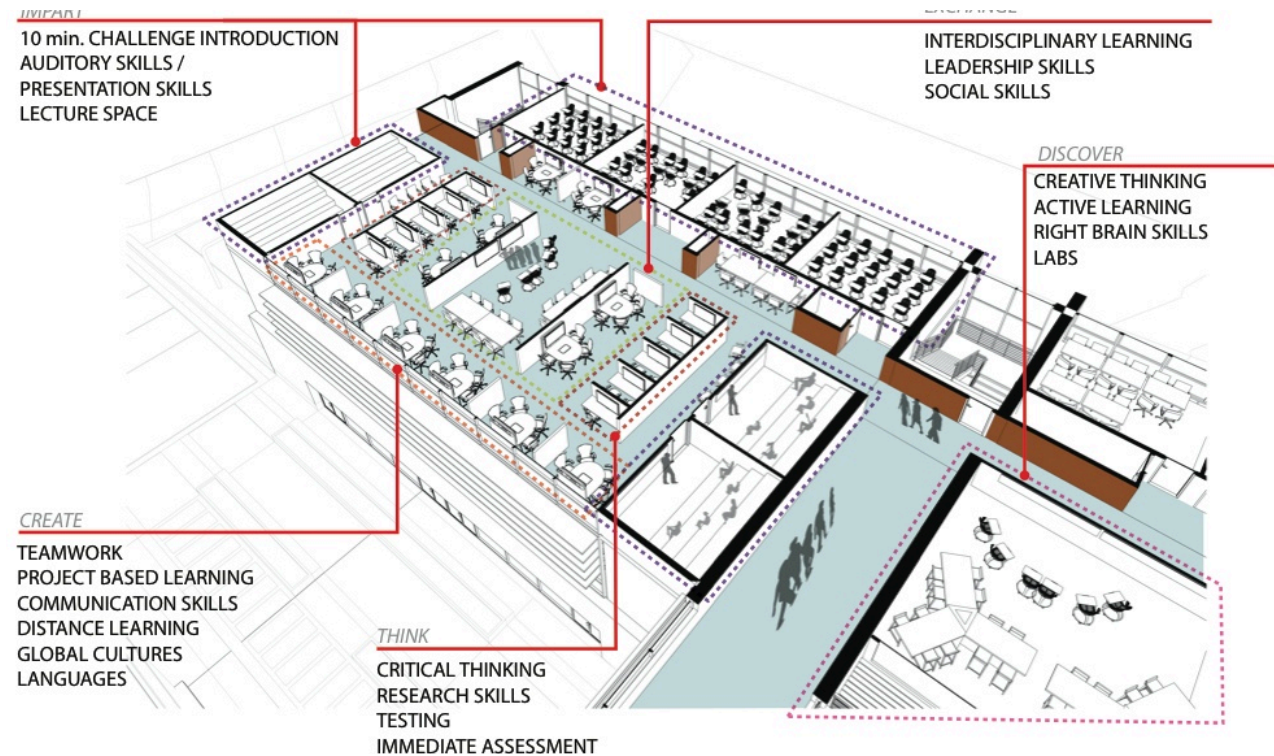
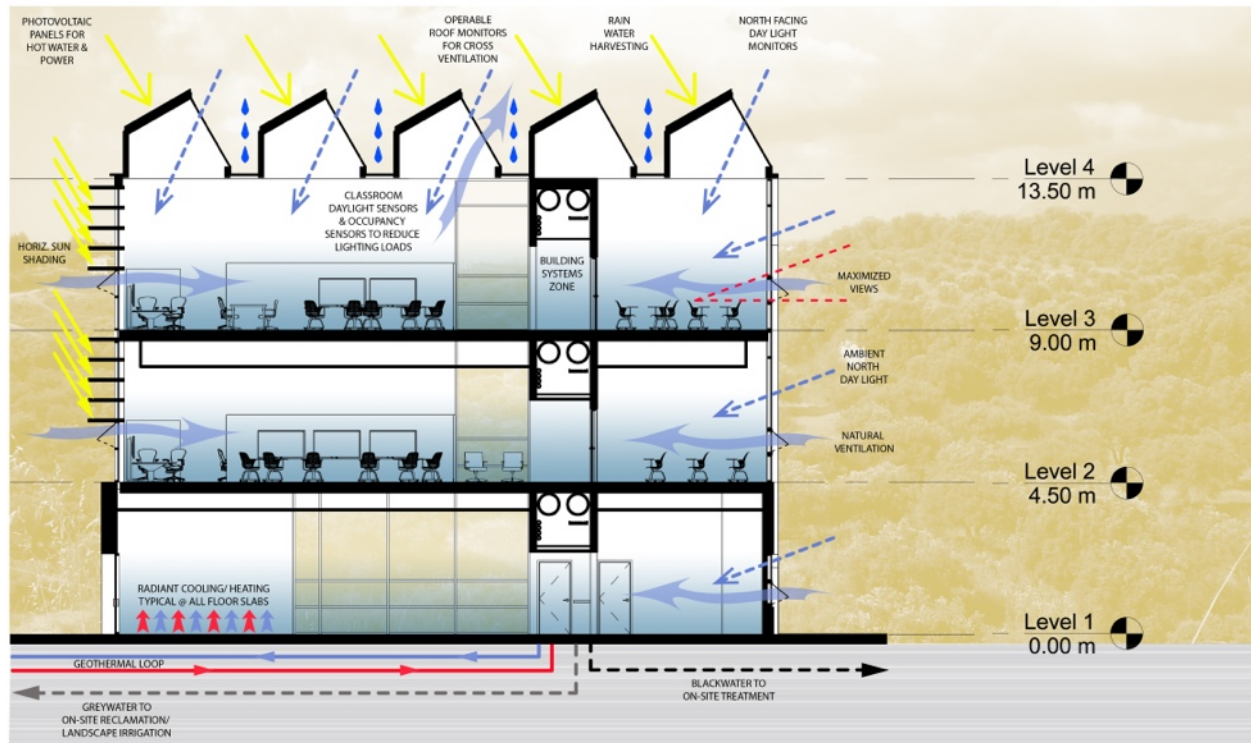
## ARTS CASE STUDY: LATIN SCHOOL - BLACK BOX / GALLERY





# Expertise

## EDUCATION CASE STUDY: INNOVATIVE BIOCLIMATIC EUROPEAN SCHOOL COMPLEX





# Immersive Learning



**THINK**



**DISCOVER**



**IMPART**



**CREATE**



**EXCHANGE**



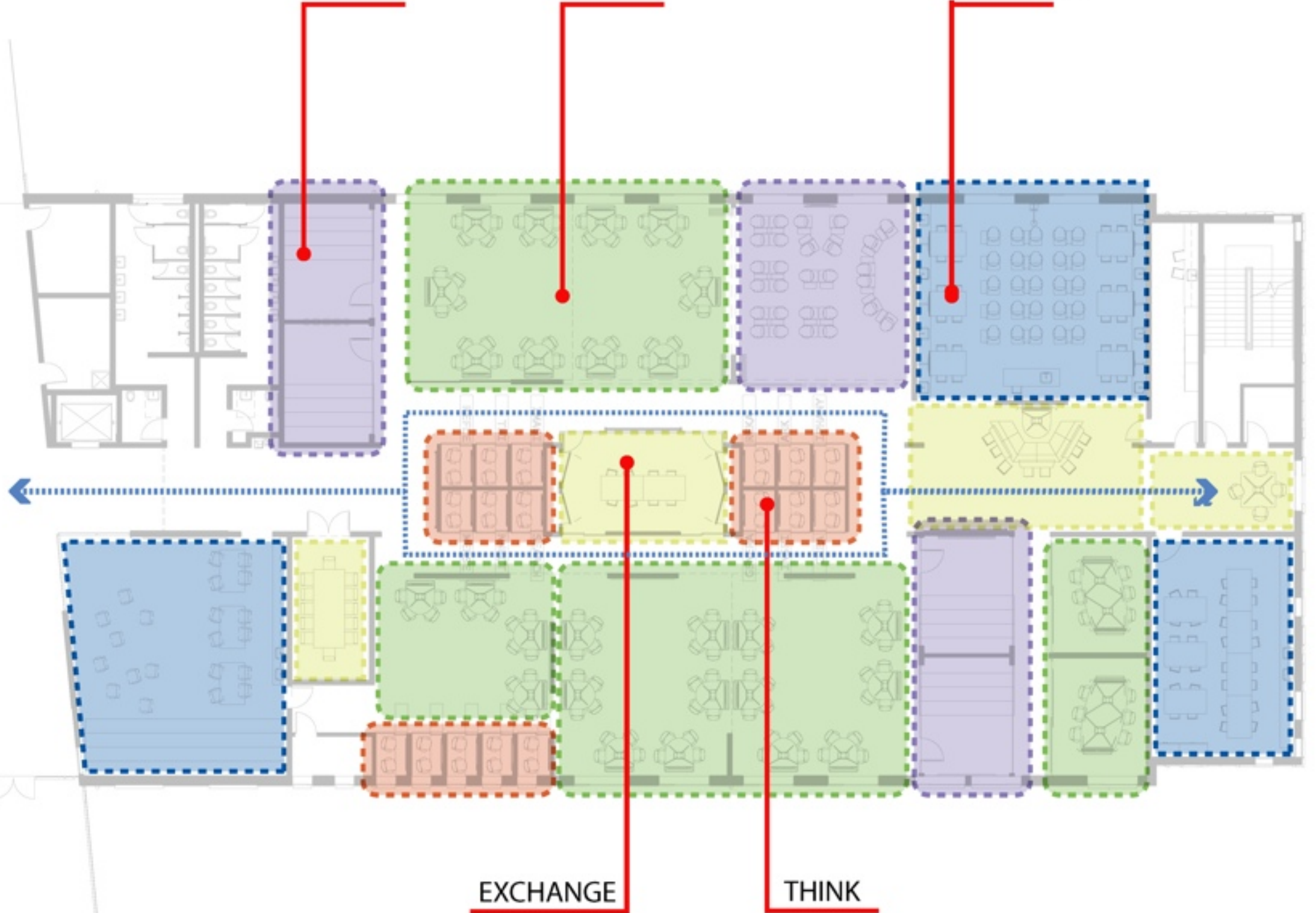




IMPART

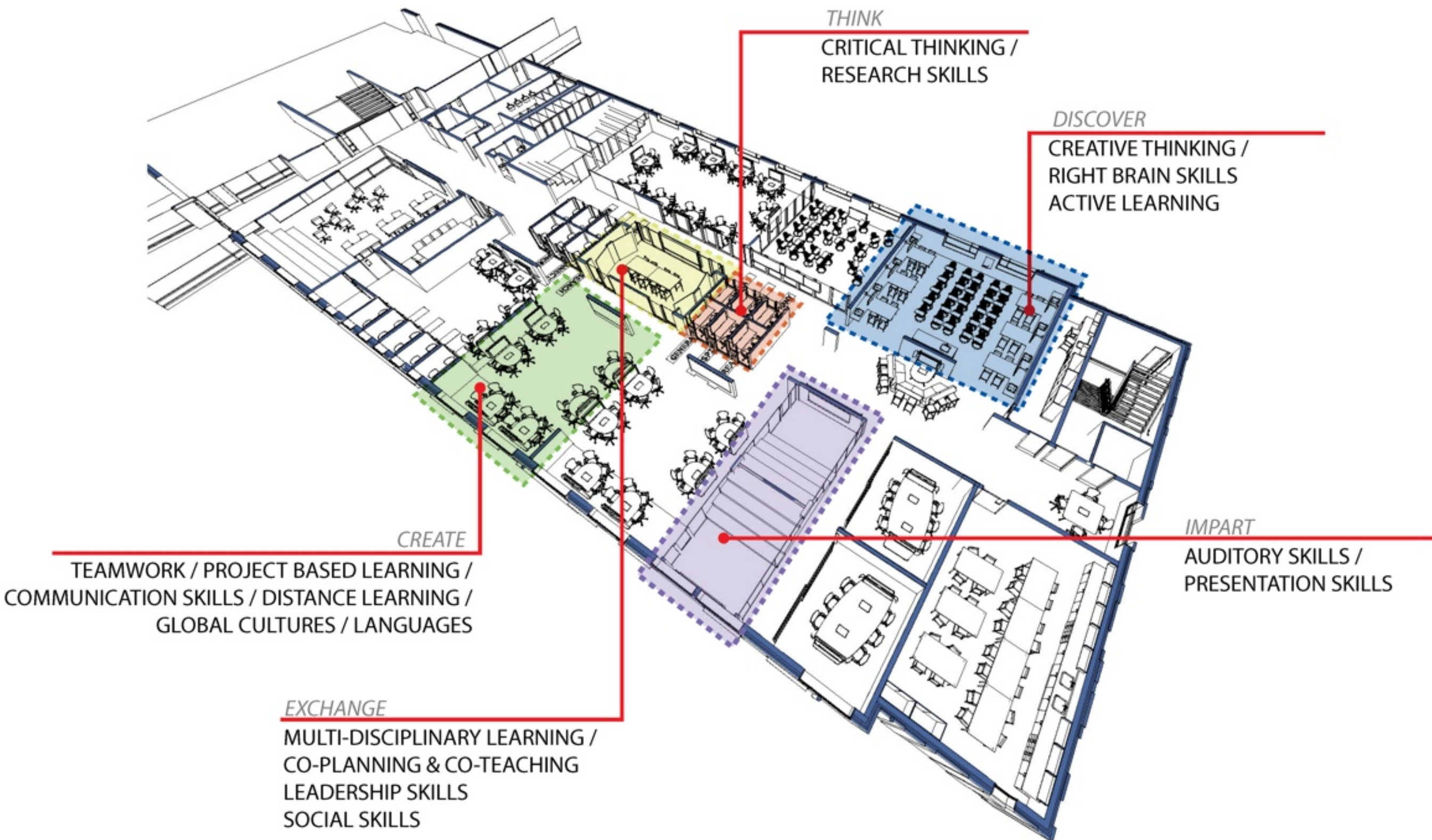
CREATE

DISCOVER





# 21st CENTURY SKILLS IN THE IMMERSIVE LEARNINGScape







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**YOUR PROJECT**



# Design Methodology

01

VISION



02

DISCOVER



03

CREATE



04

EXECUTE



05

EVALUATE



OUR PROCESS DEFINES **YOUR** SUCCESS



# Design Methodology

01

**VISION**



- Project Kickoff Meeting
- Establish Team
- Visioning Session
- Establish Goals

02

DISCOVER



03

CREATE



04

EXECUTE



05

EVALUATE







# *Understanding your Mission*



**To Educate** each child according to age and development so that learning and growth are united; Integrate the developing mind and body of the child with academics and the performing arts.

**To Ensure** each child's excellence in core and academic skills.

**To Awaken** and preserve the spirit of our children through the visual arts, vocal arts, instrumental music, creative writing, classical ballet, French, Innovations in the field of science, all intertwined with technology, and;

**To Nourish** this spirit and curiosity so that students continue to flourish long after the end of formal training.



# Design Methodology

01

VISION



02

**DISCOVER**



03

CREATE



04

EXECUTE



05

EVALUATE

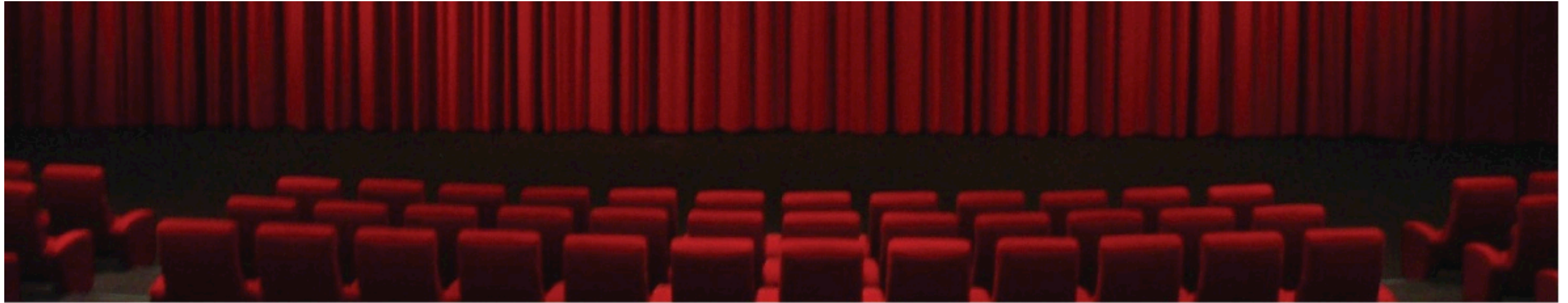


- Knowledge
- Research
- Observation
- Benchmarking
- Surveys
- Programming
- FM Goals



# Discover

YOU



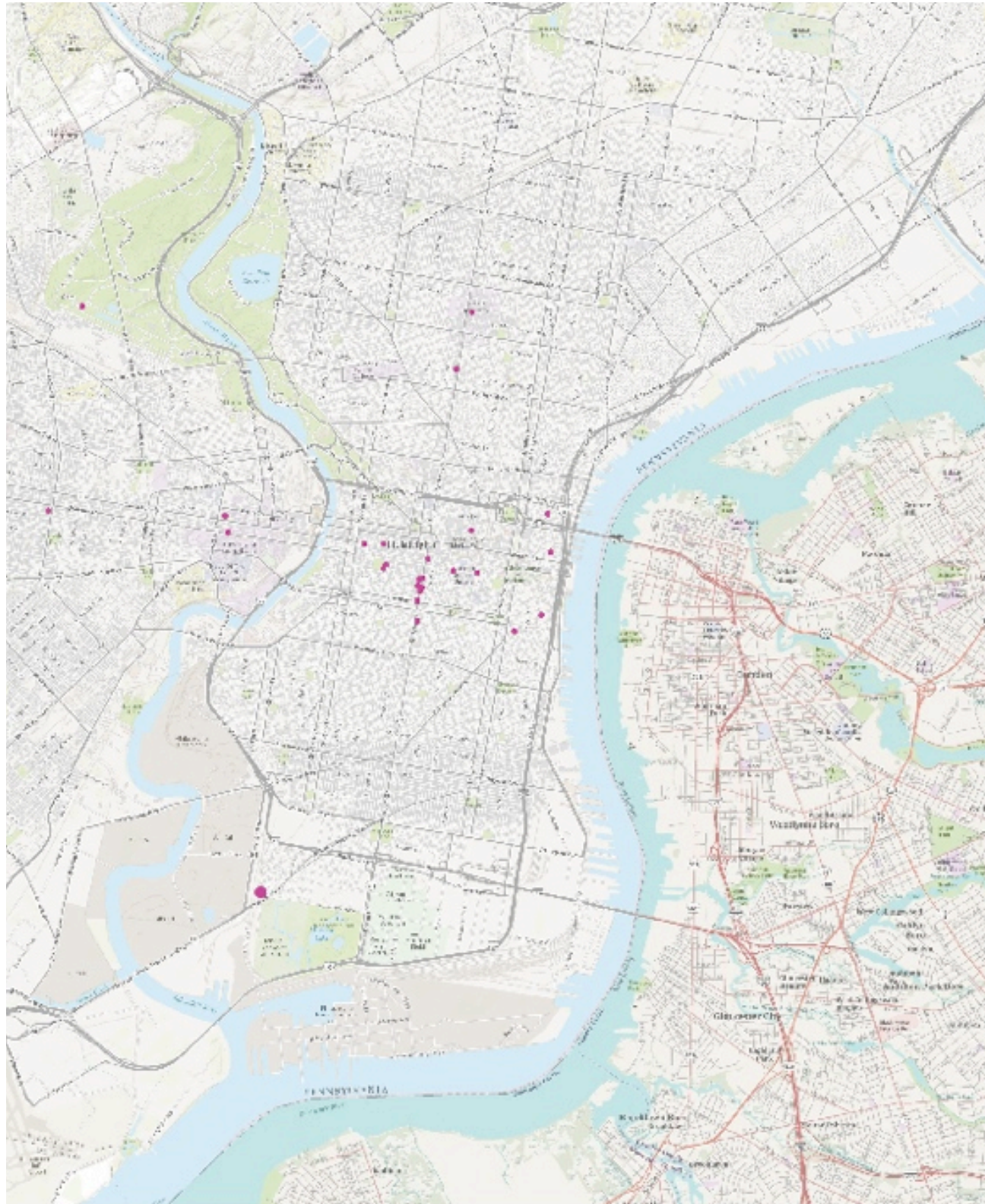
## PHILADELPHIA PERFORMING ARTS CHARTER SCHOOL





# Discover

## ART VENUES IN PHILADELPHIA





# Discover

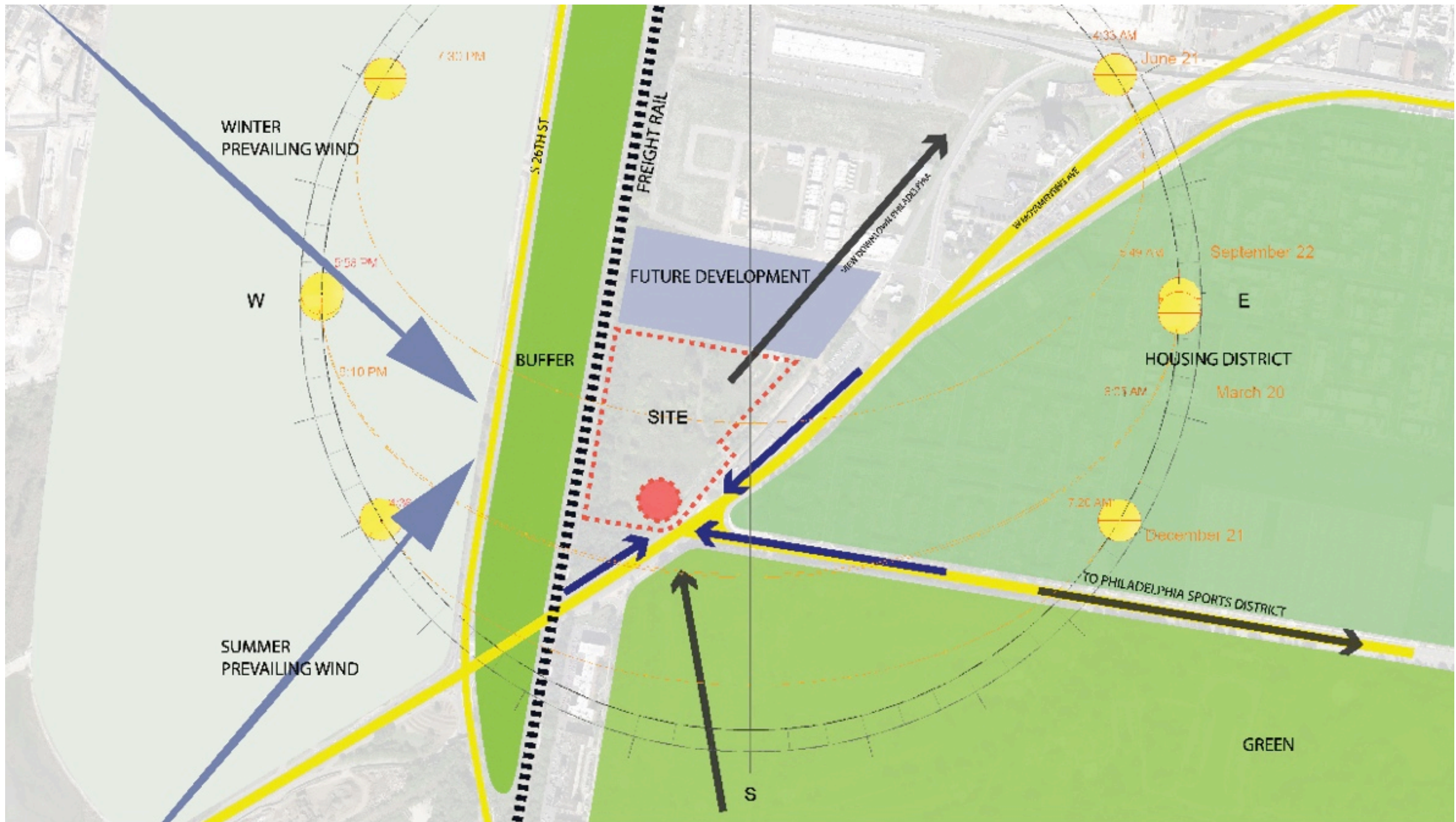
## SITE VICINITY MAP - GATEWAY TO THE CITY





# Discover

## SITE ANALYSIS





# Design Methodology

01

VISION



02

DISCOVER



03

**CREATE**



04

EXECUTE



05

EVALUATE

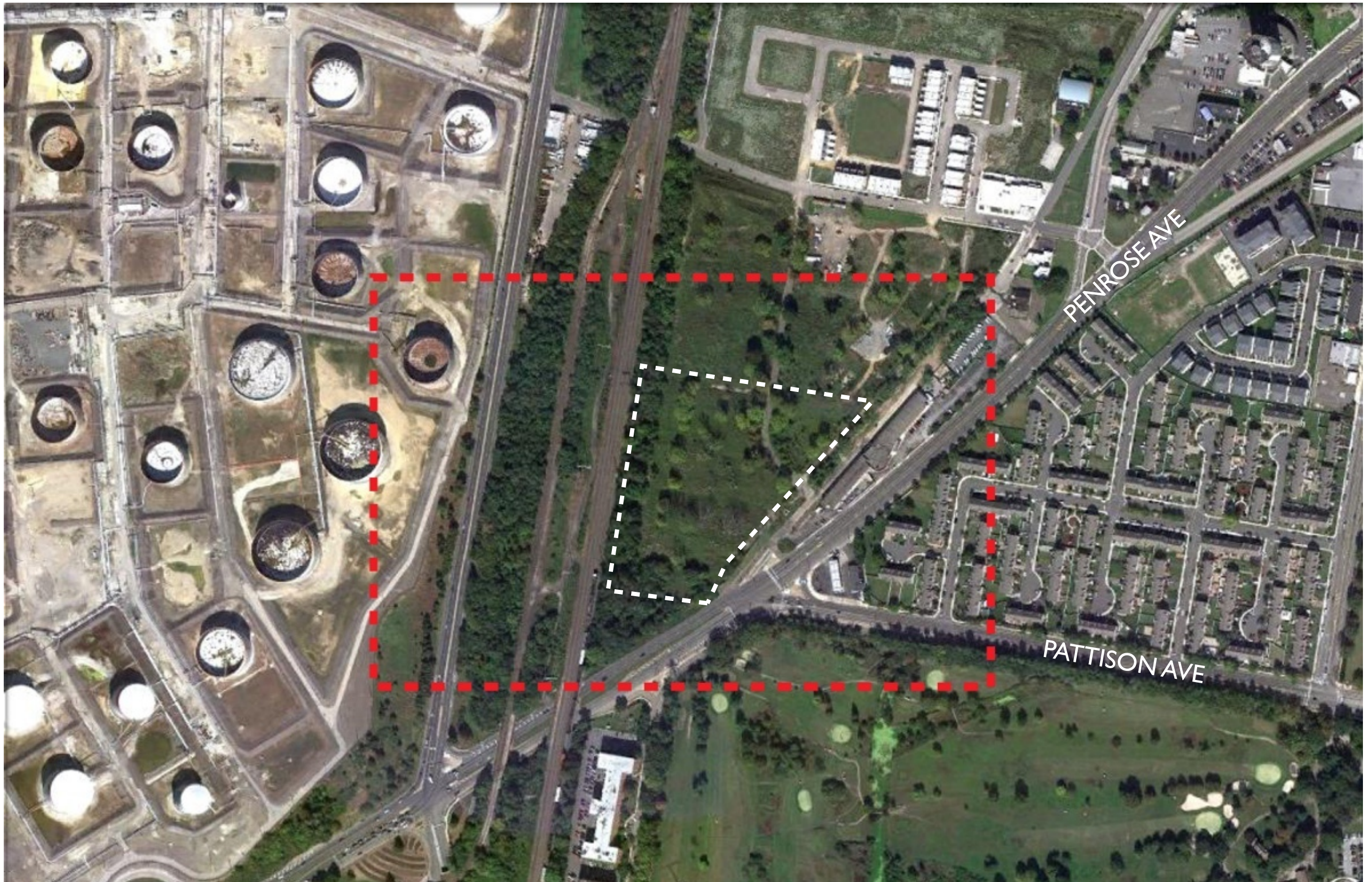


- Concept Design
- Project Charettes
- Ideation
- BIM
- Community Engagement



# Create

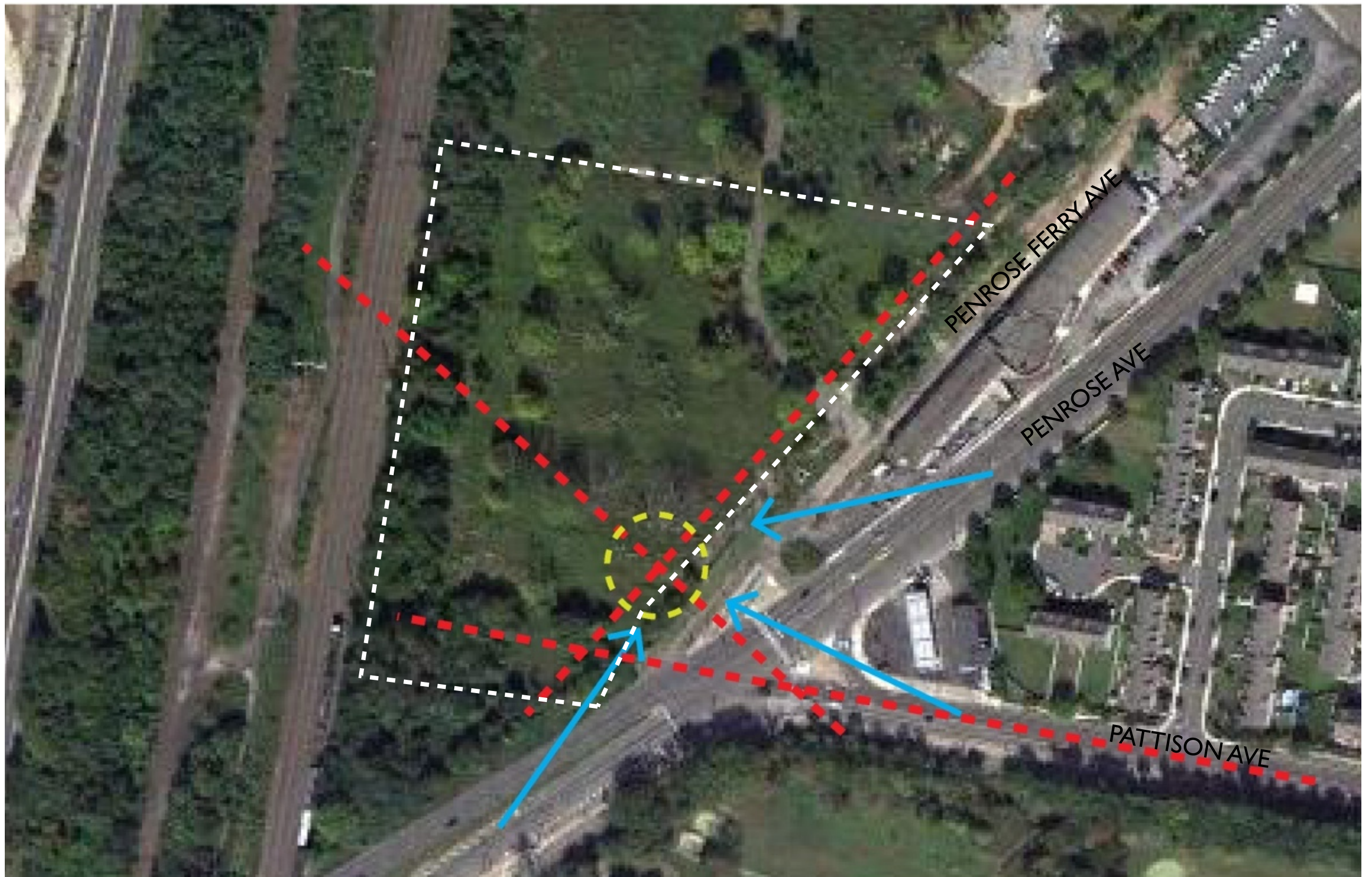
## SITE





# Create

## SITE DRIVERS

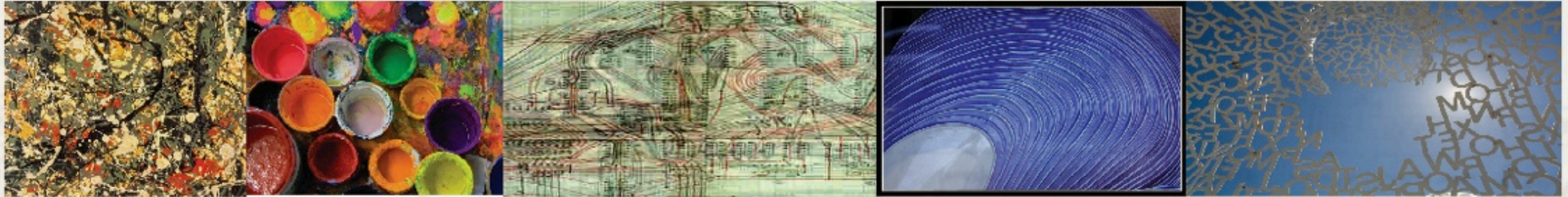




# Discover

## CONCEPT

### VISUAL ARTS



### PERFORMING ARTS



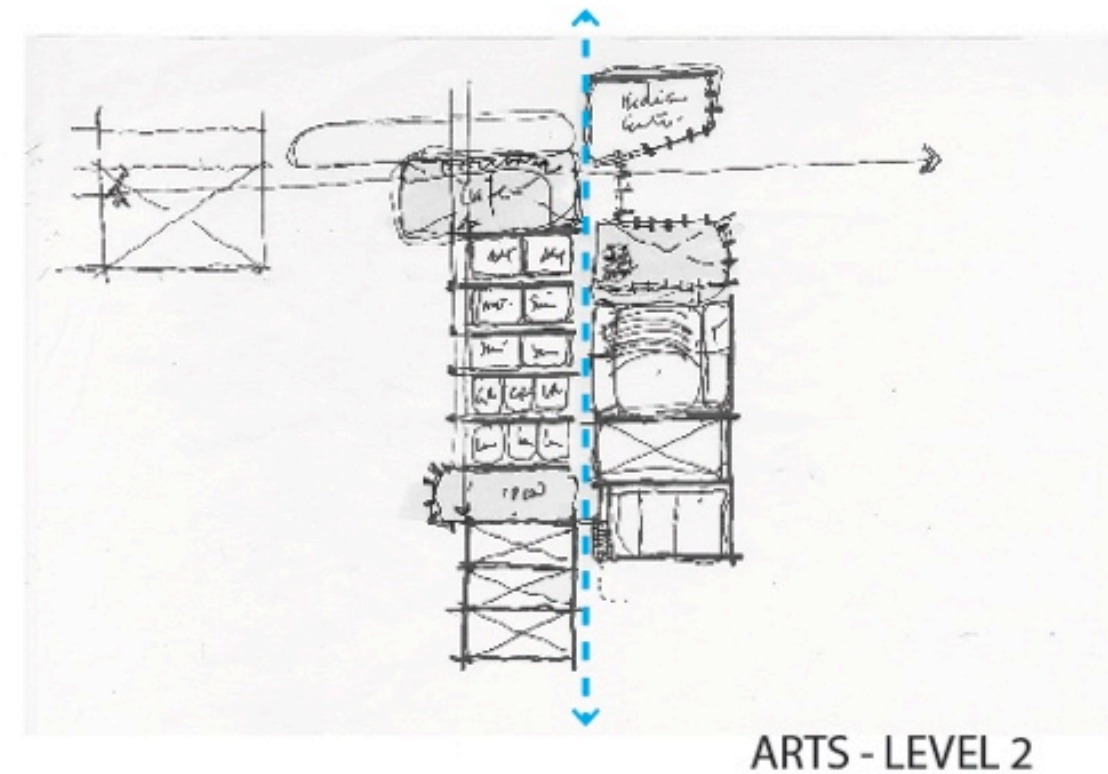
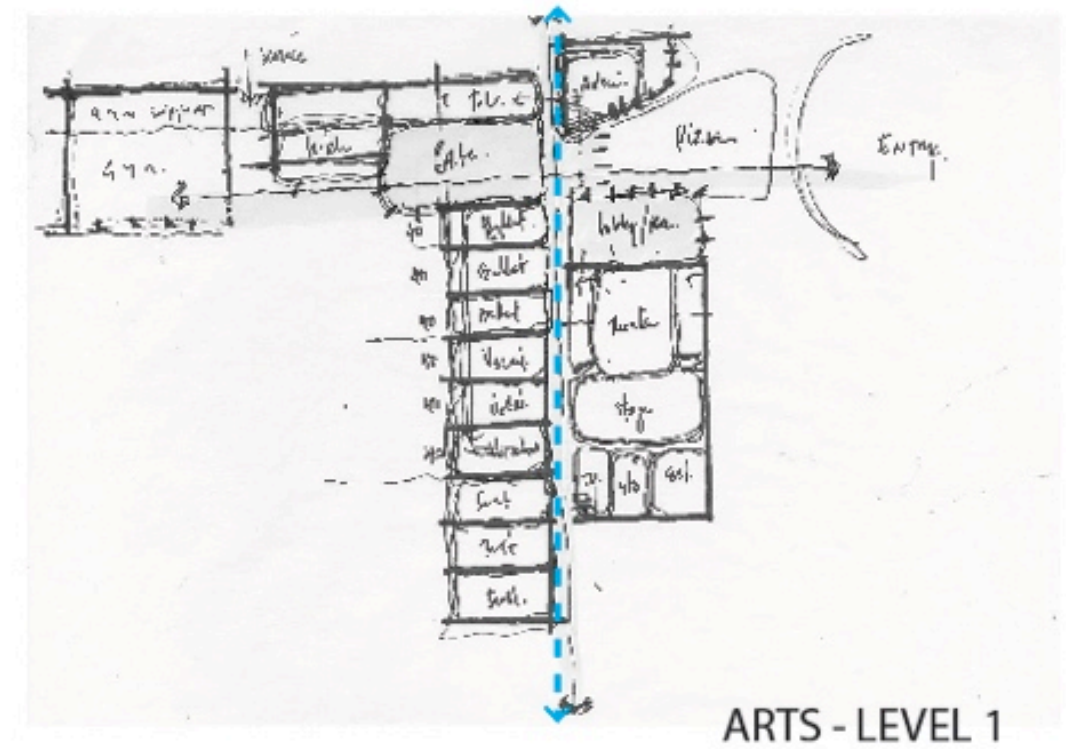
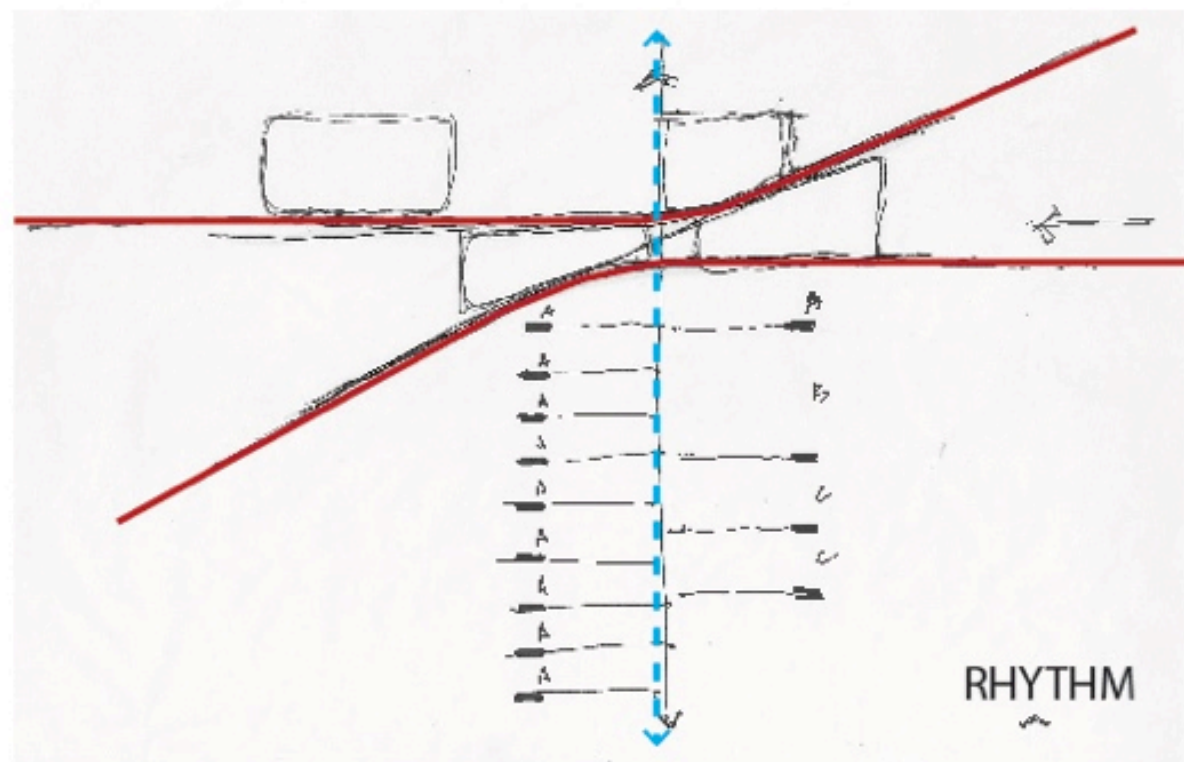
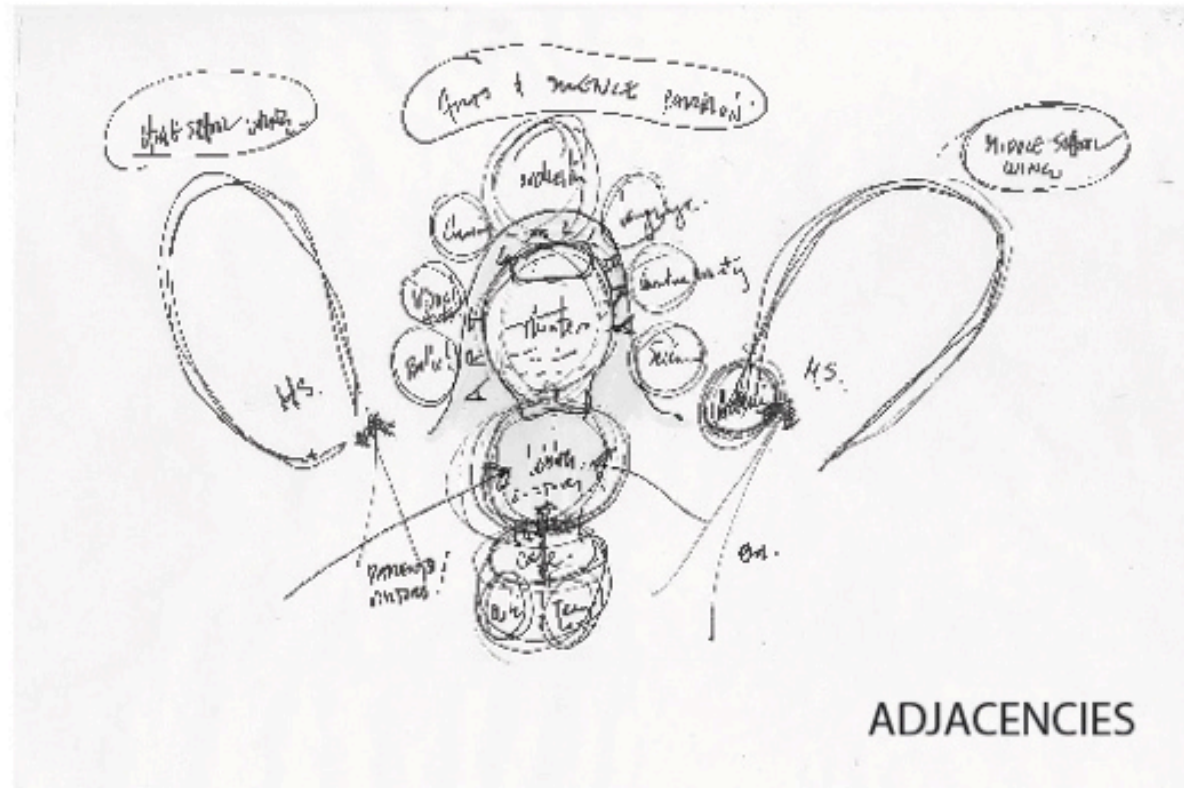
### DIGITAL ARTS



## RHYTHM FRAMEWORK PATTERNS

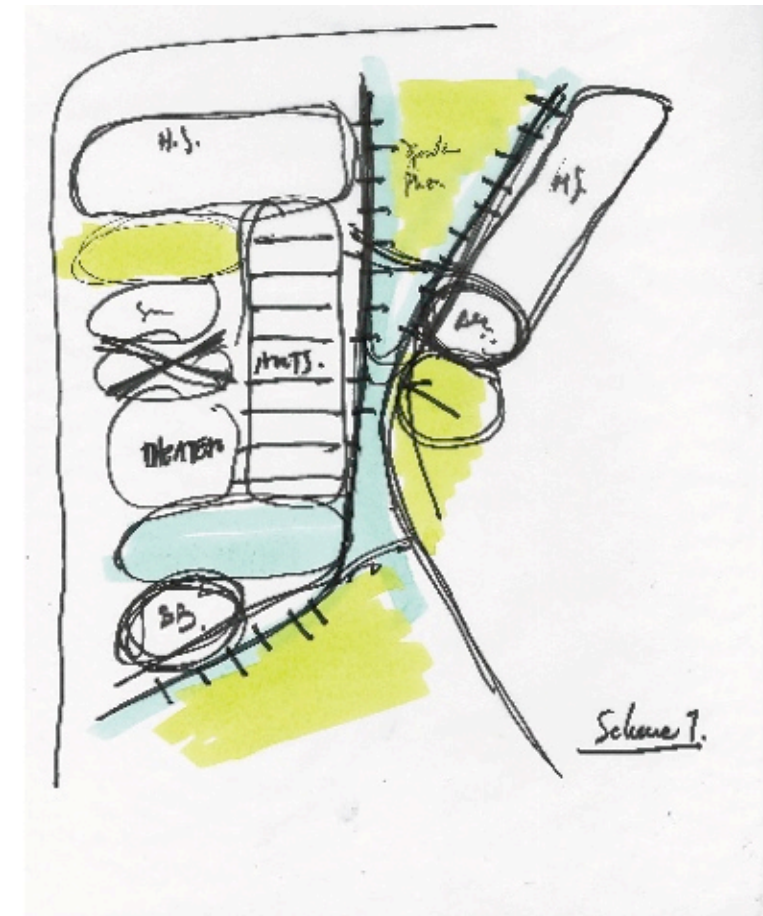
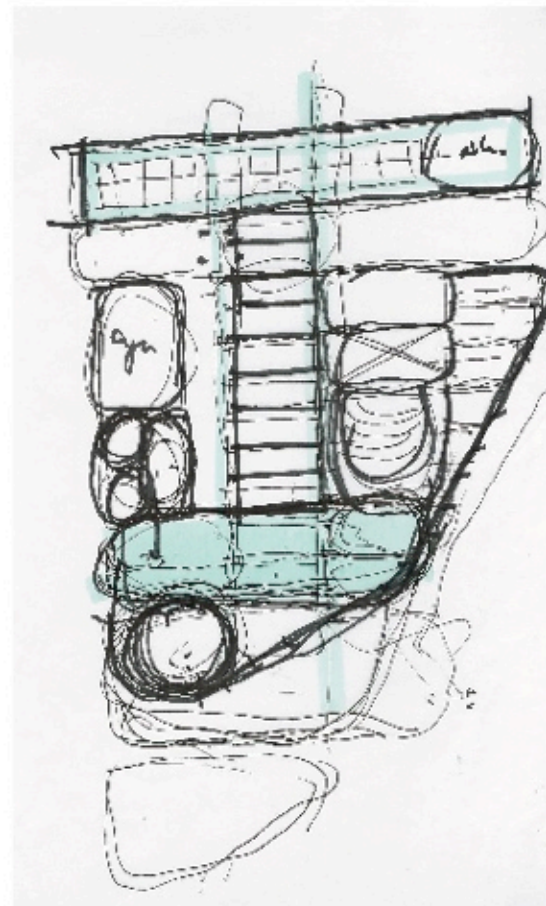
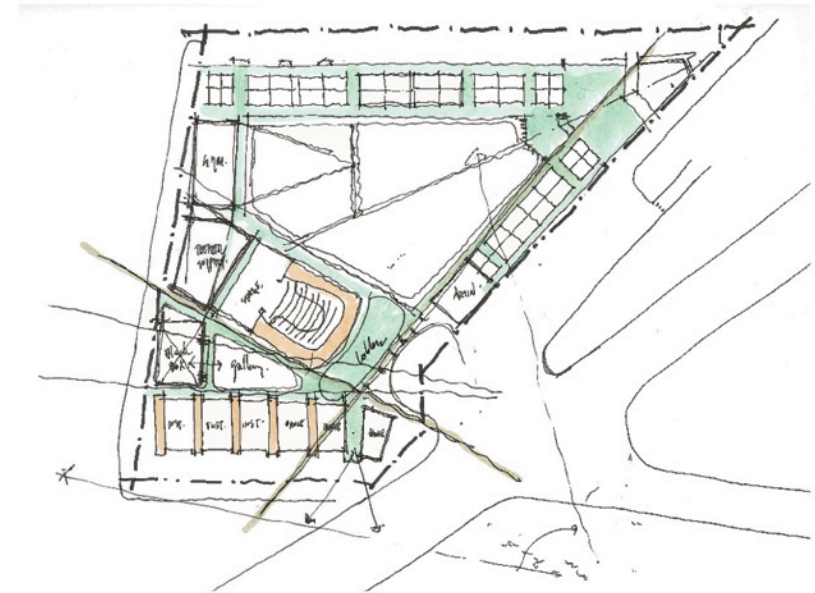


## CONCEPT SKETCHES



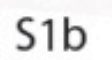


## BRAINSTORMING IDEAS





## SCHEME 1





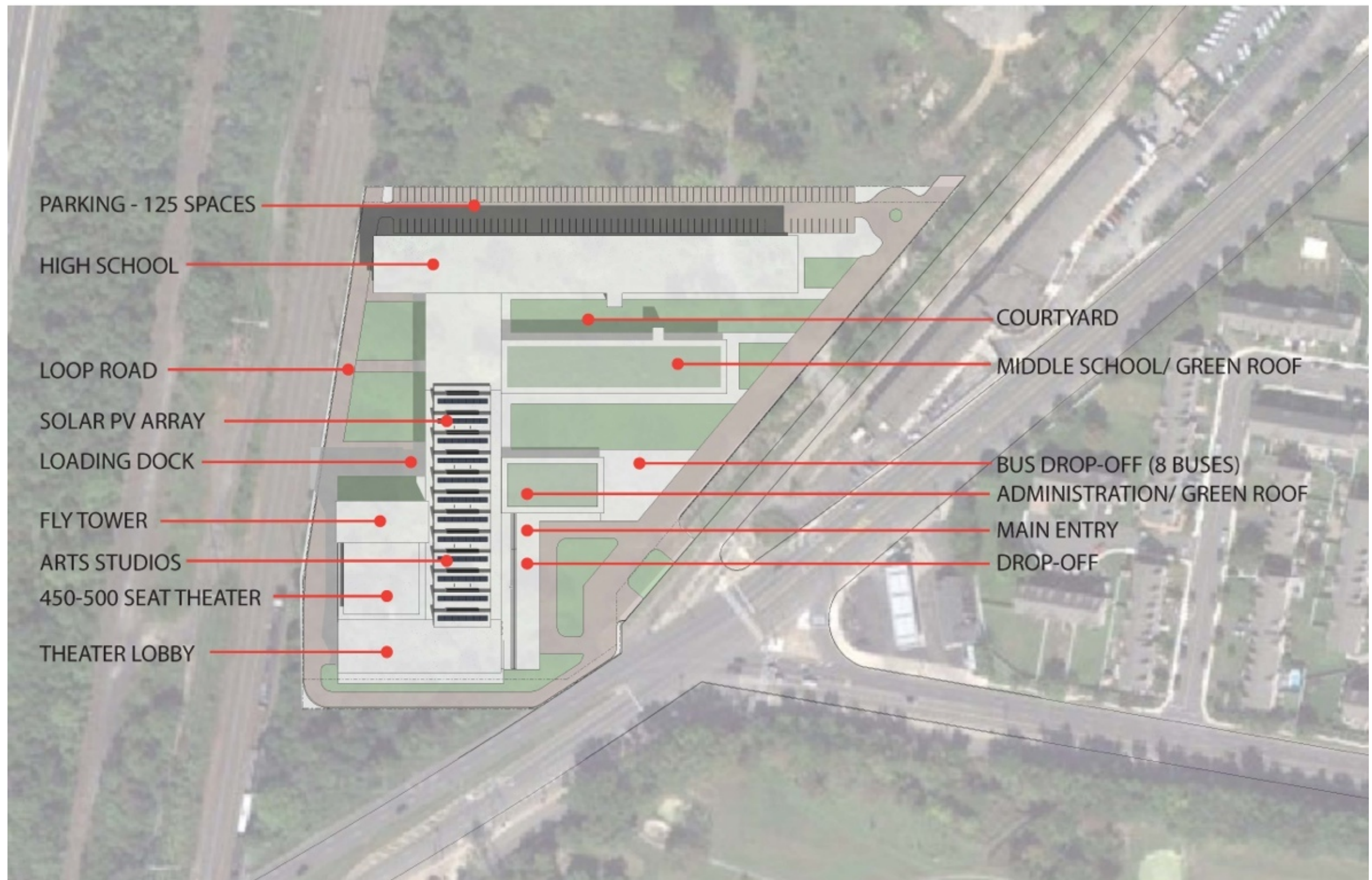
## SCHEME 1





# Create

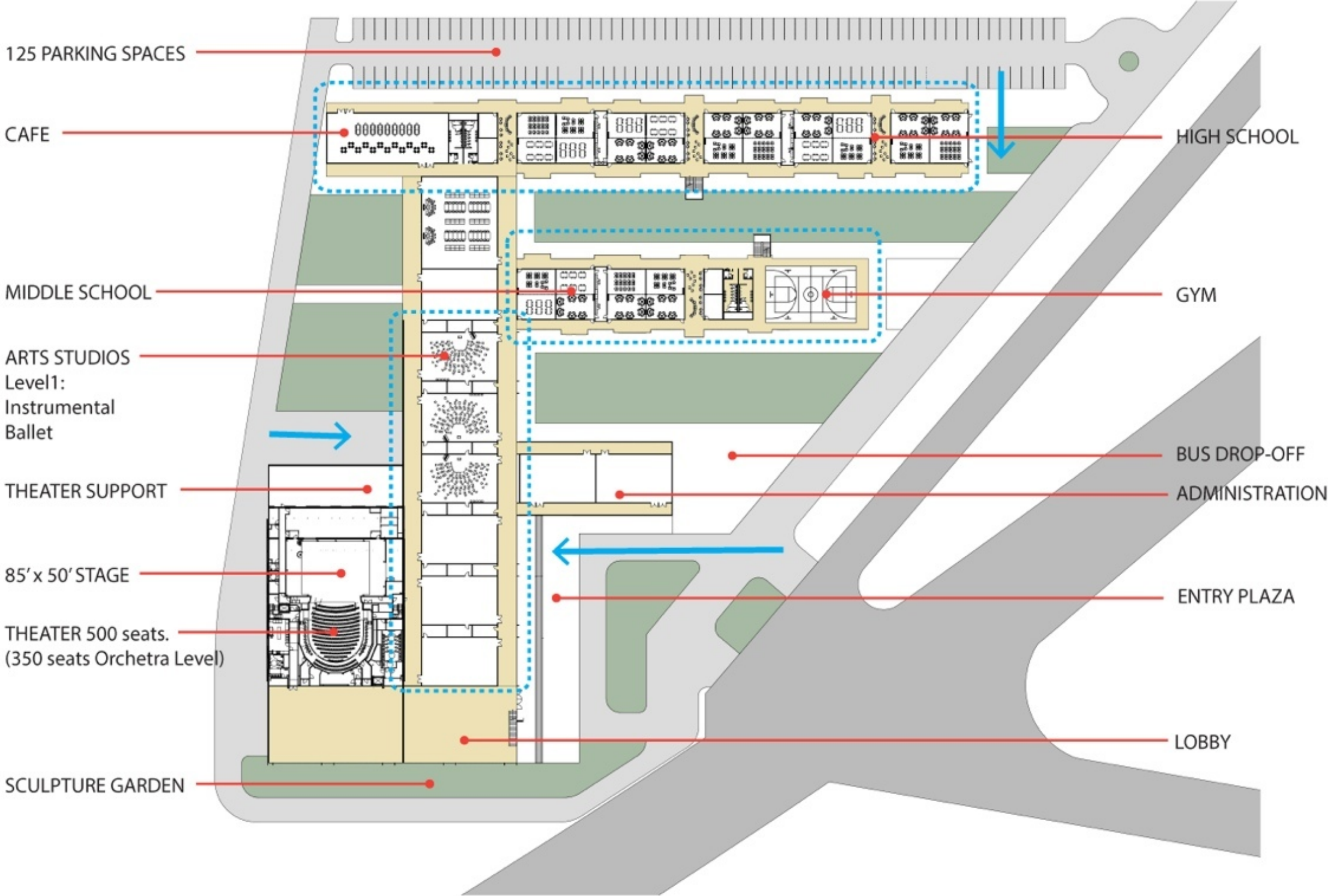
## SCHEME 1 - SITE PLAN





# Create

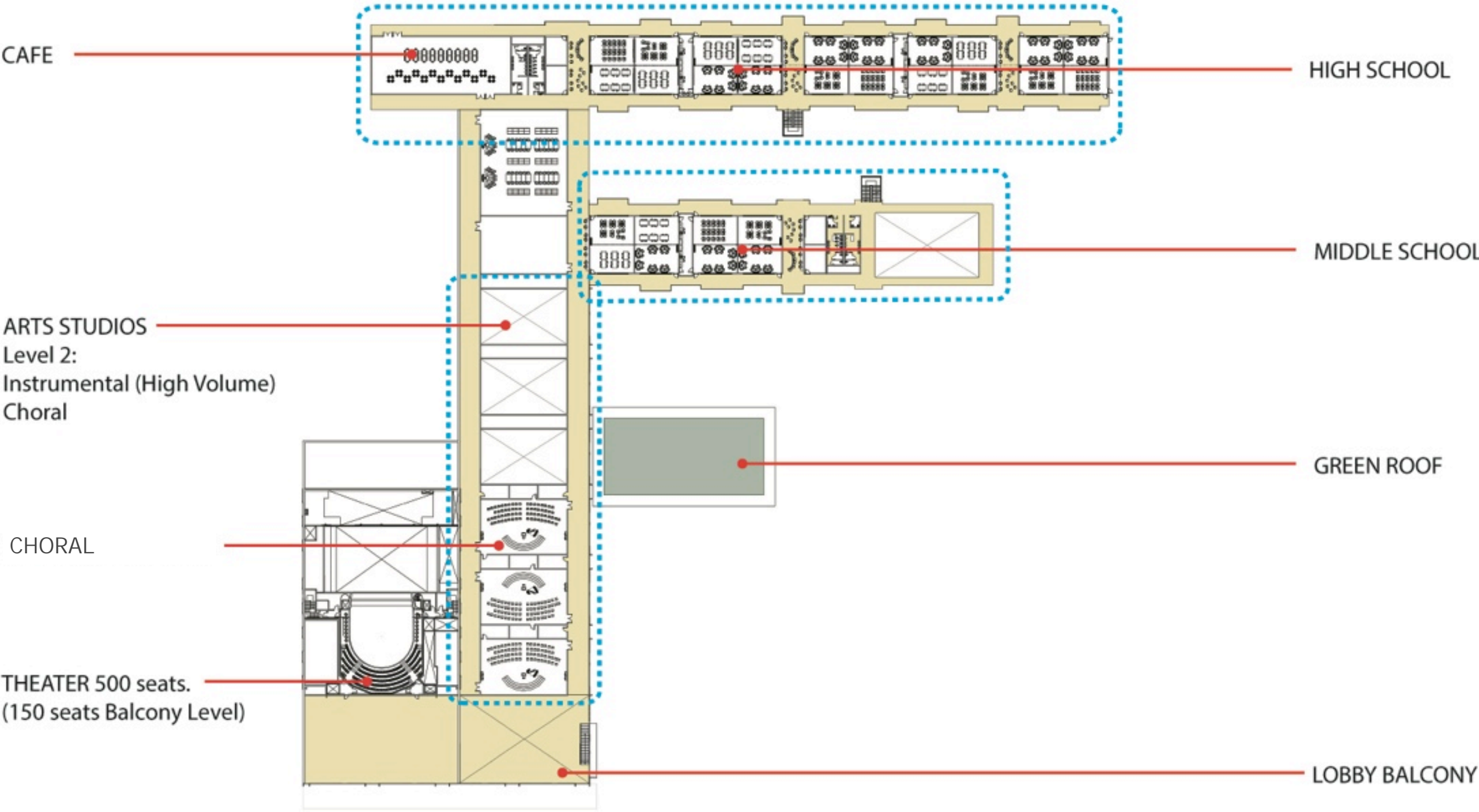
## SCHEME 1 - 1ST FLOOR PLAN





# Create

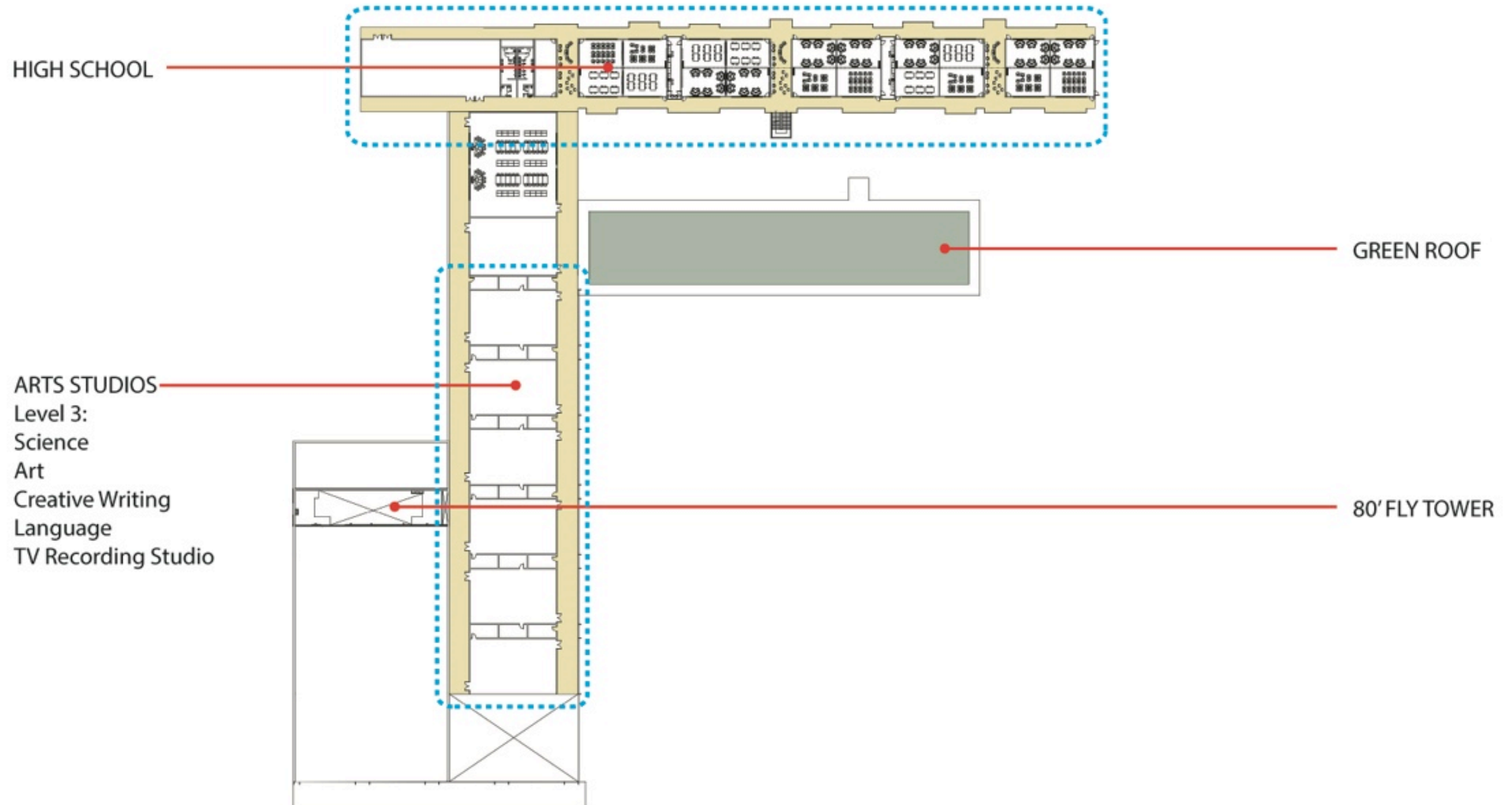
## SCHEME 1 - 2ND FLOOR PLAN





# Create

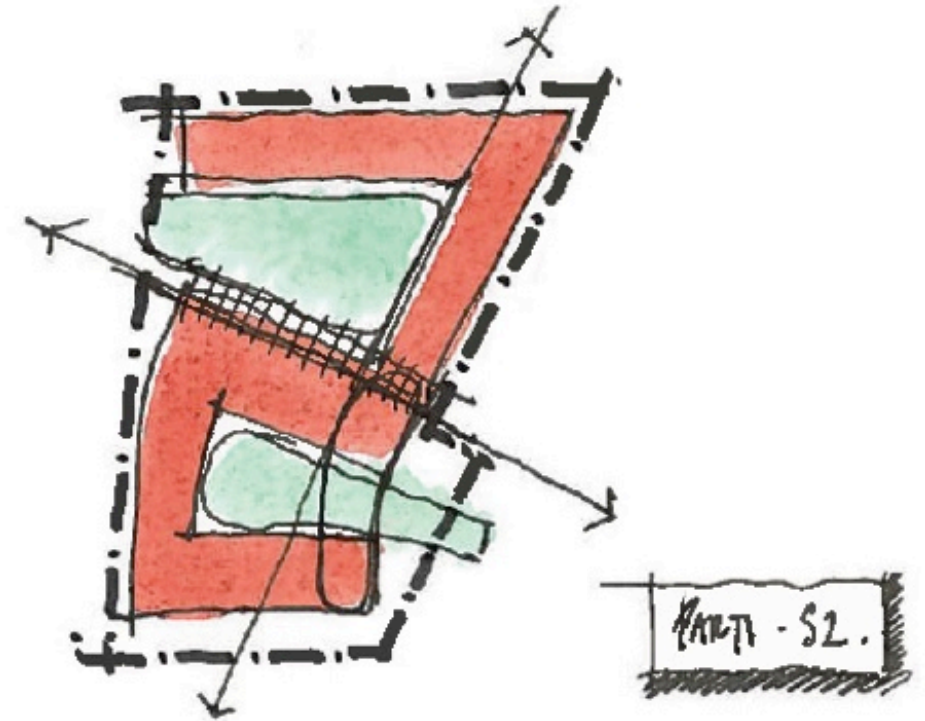
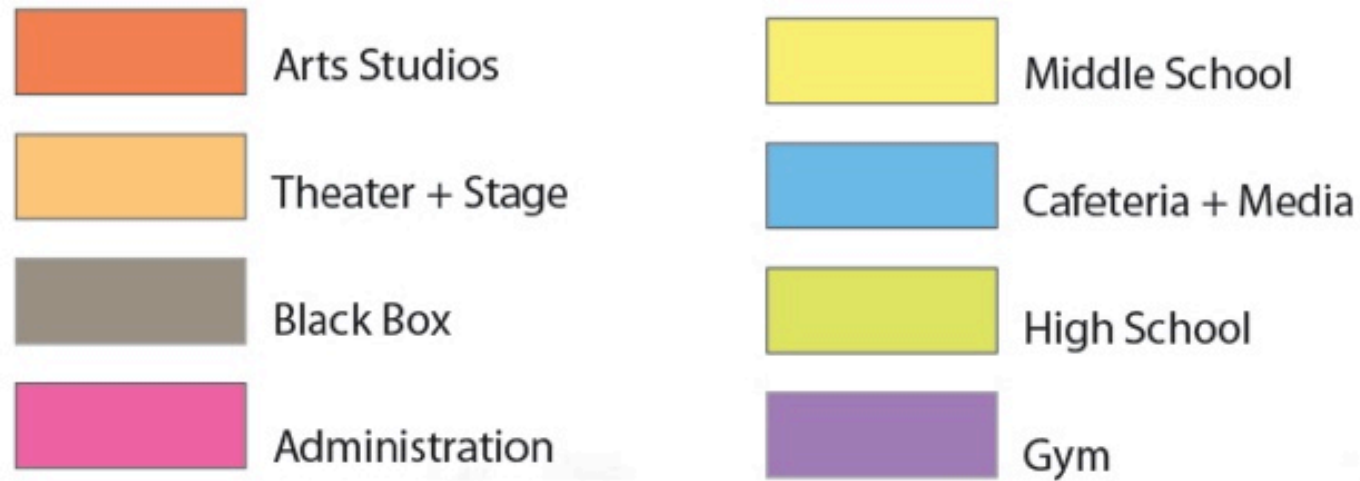
## SCHEME 1 - 3RD FLOOR PLAN



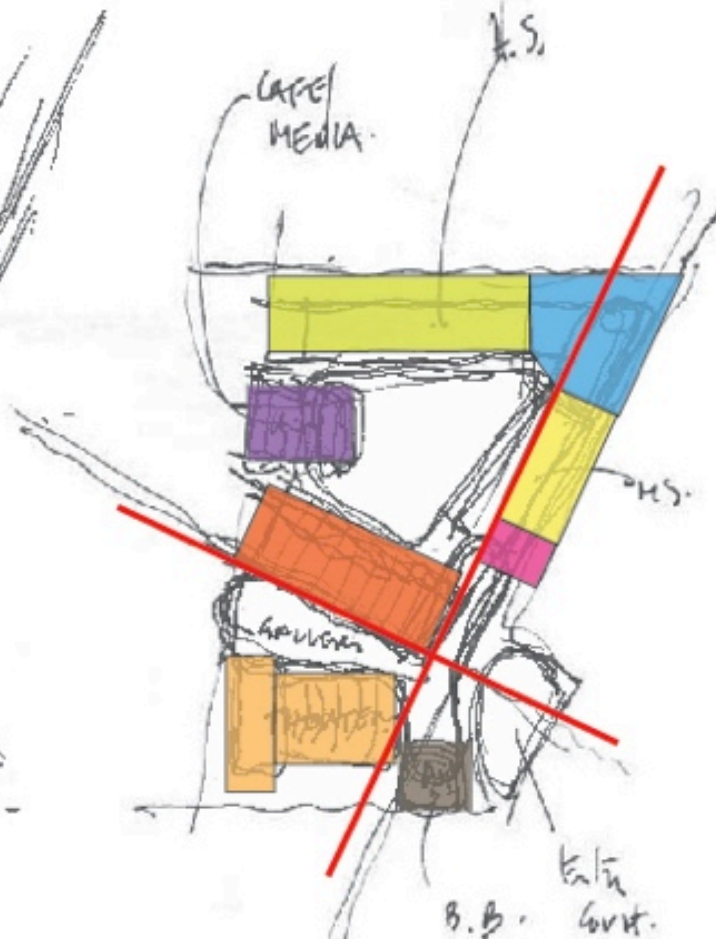


# Discover

## SCHEME 2



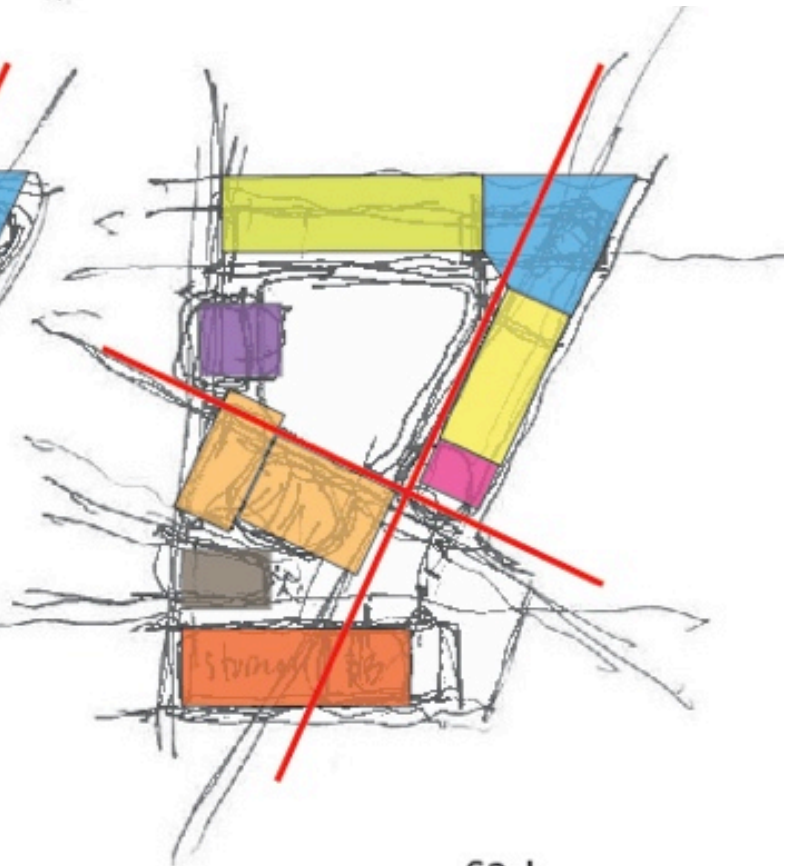
S2a



S2b



S2c

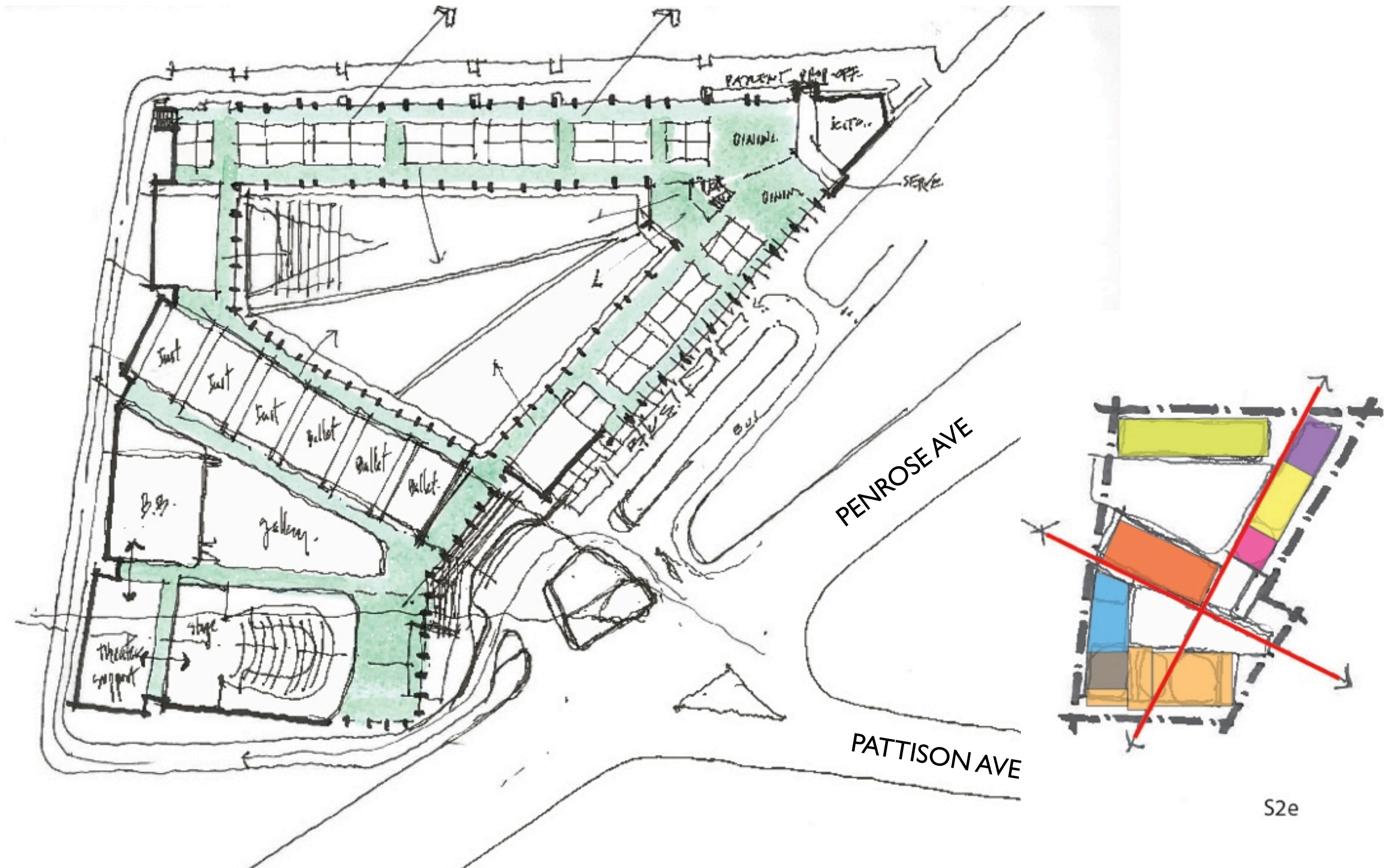


S2d



# Discover

## SCHEME 2 LEVEL ONE

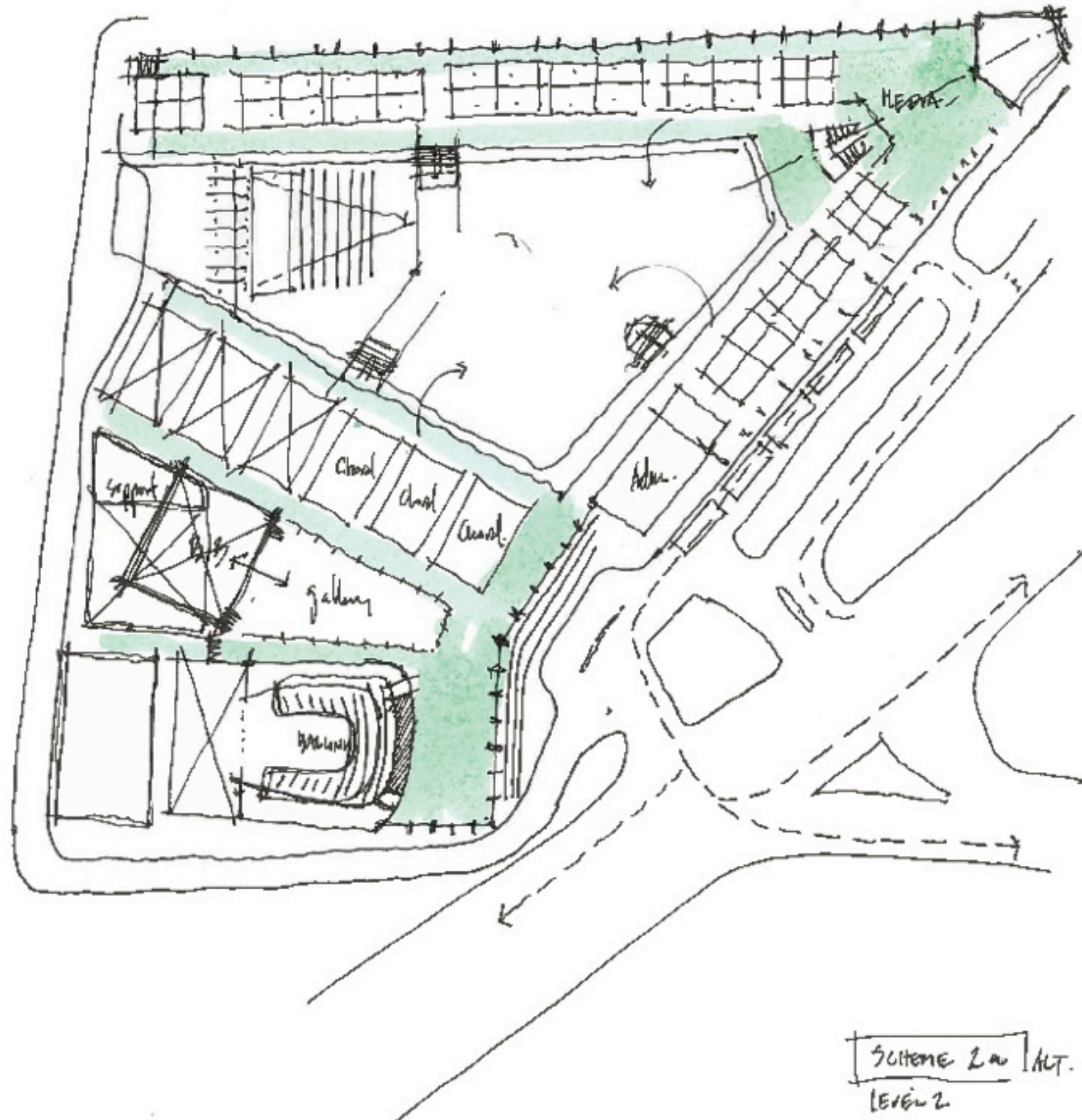


S2e



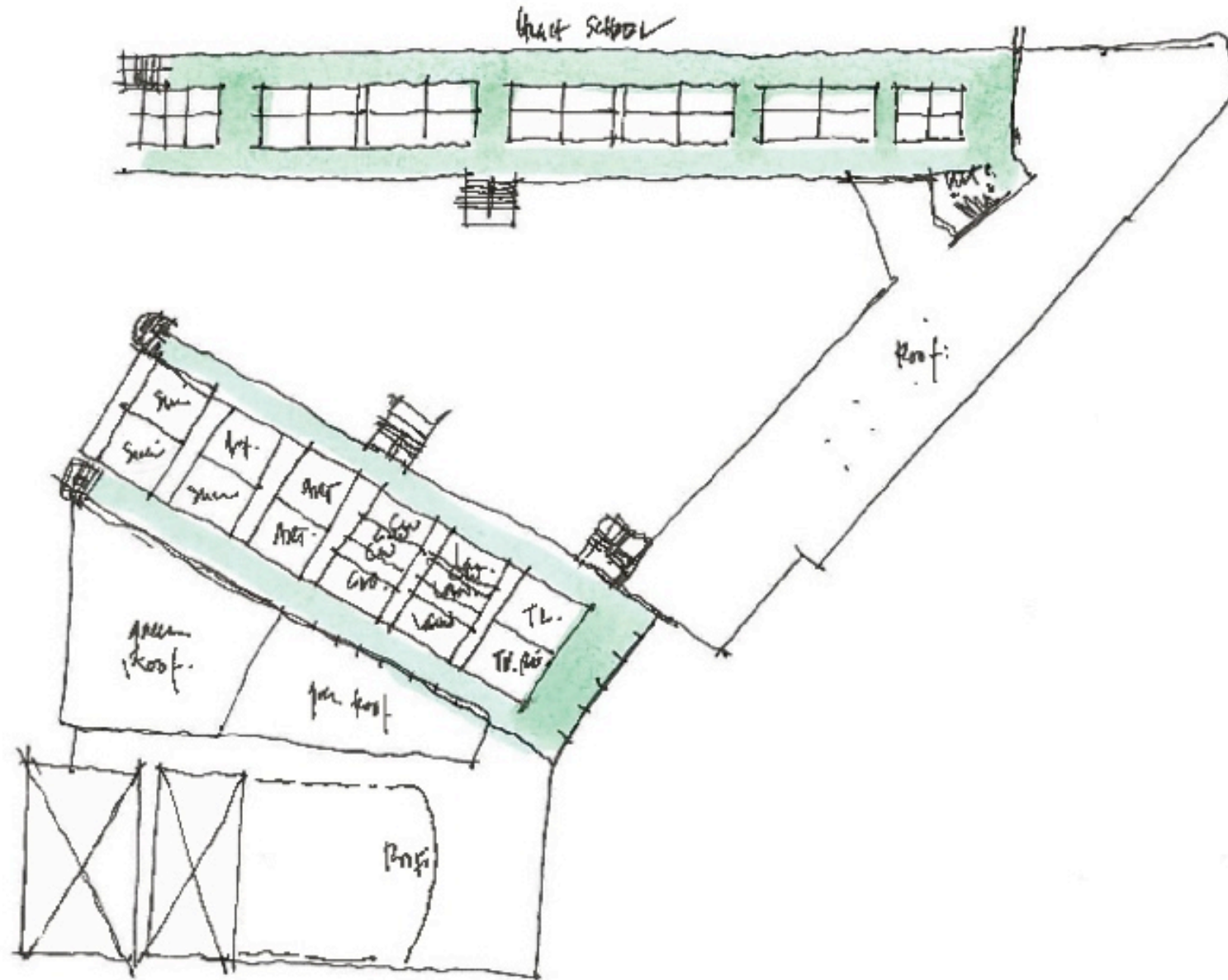
# Discover

## SCHEME 2 LEVEL TWO





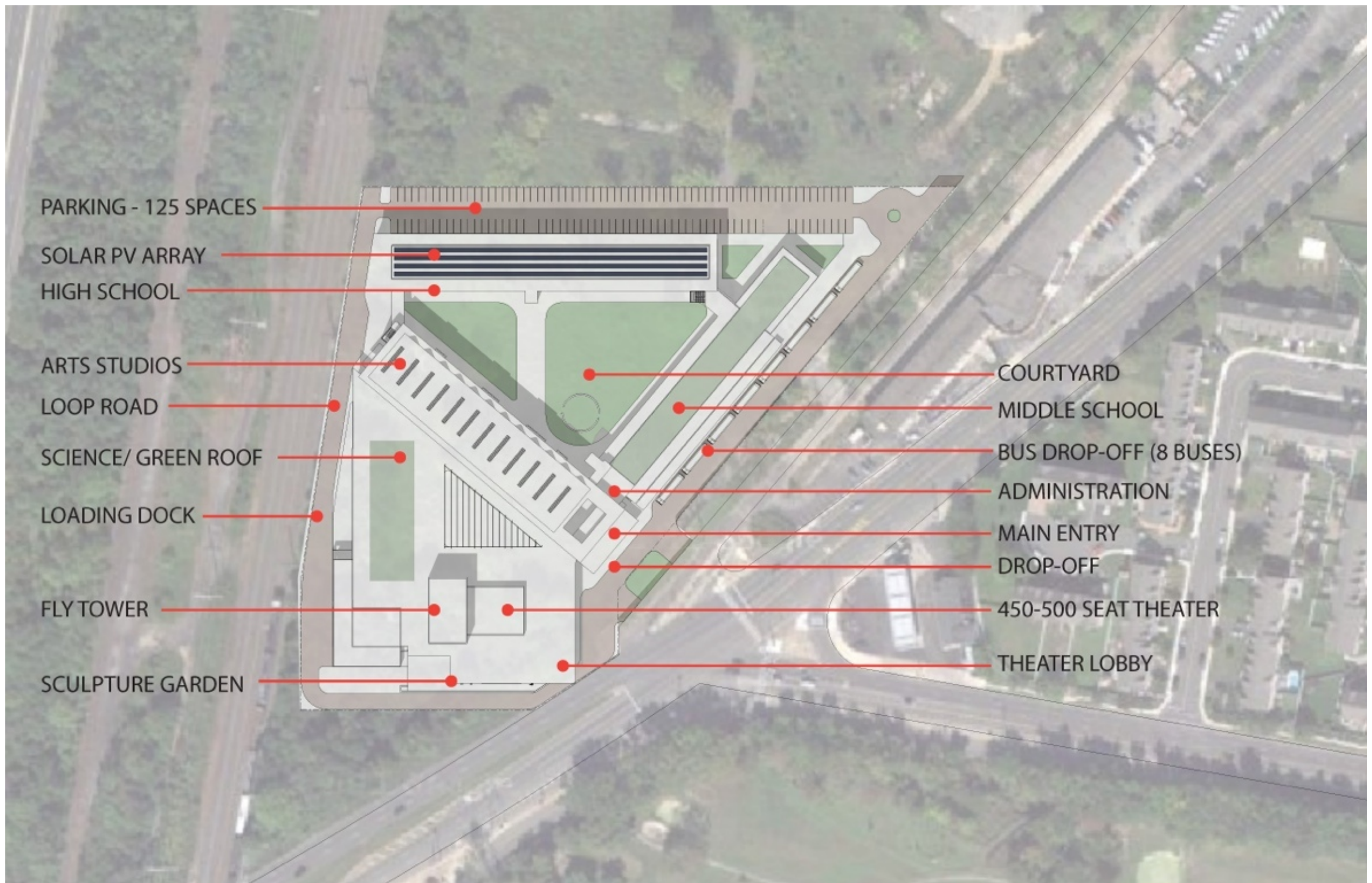
## SCHEME 2 LEVEL THREE





# Create

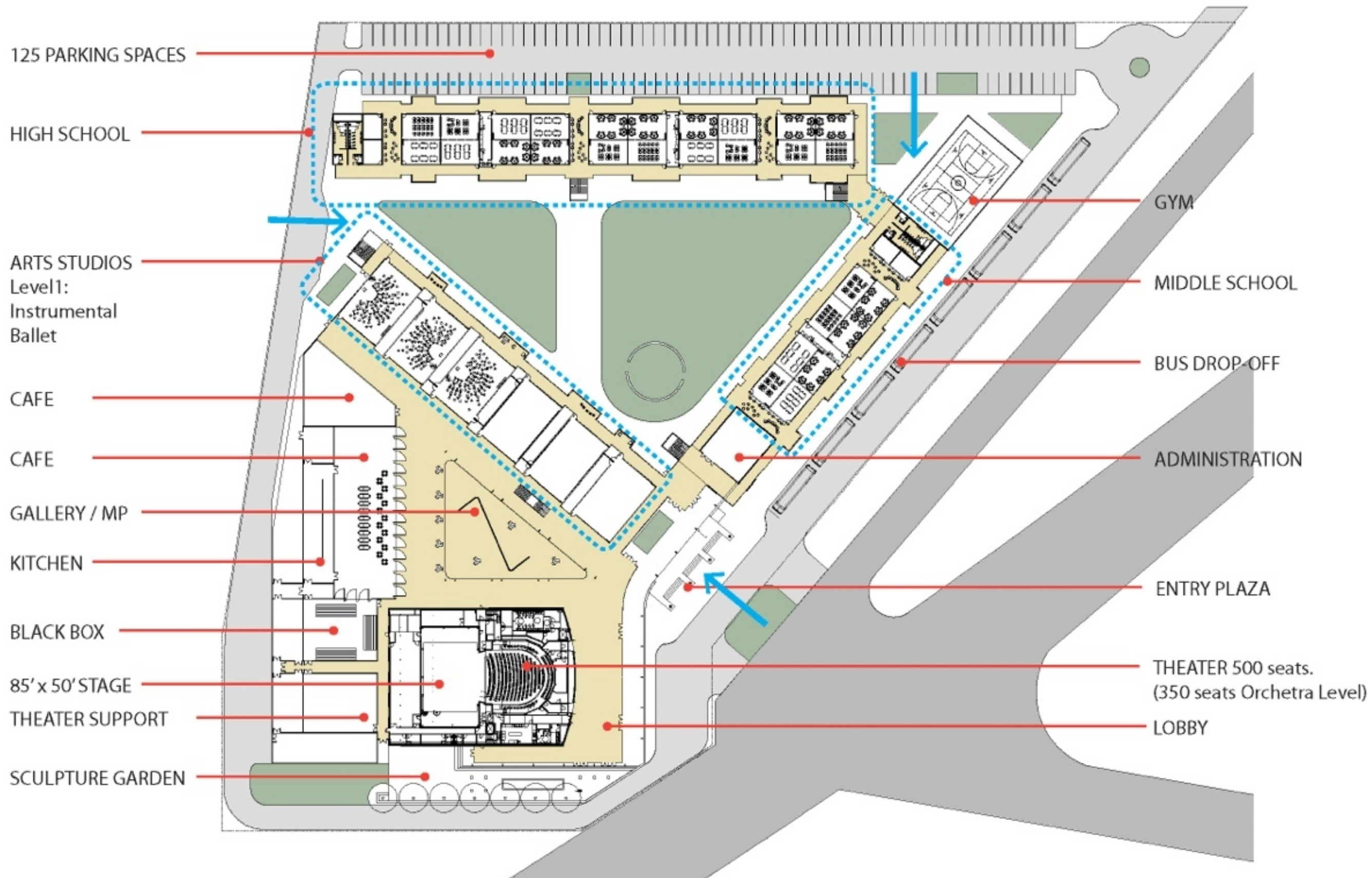
## SCHEME 2 - SITE PLAN





# Create

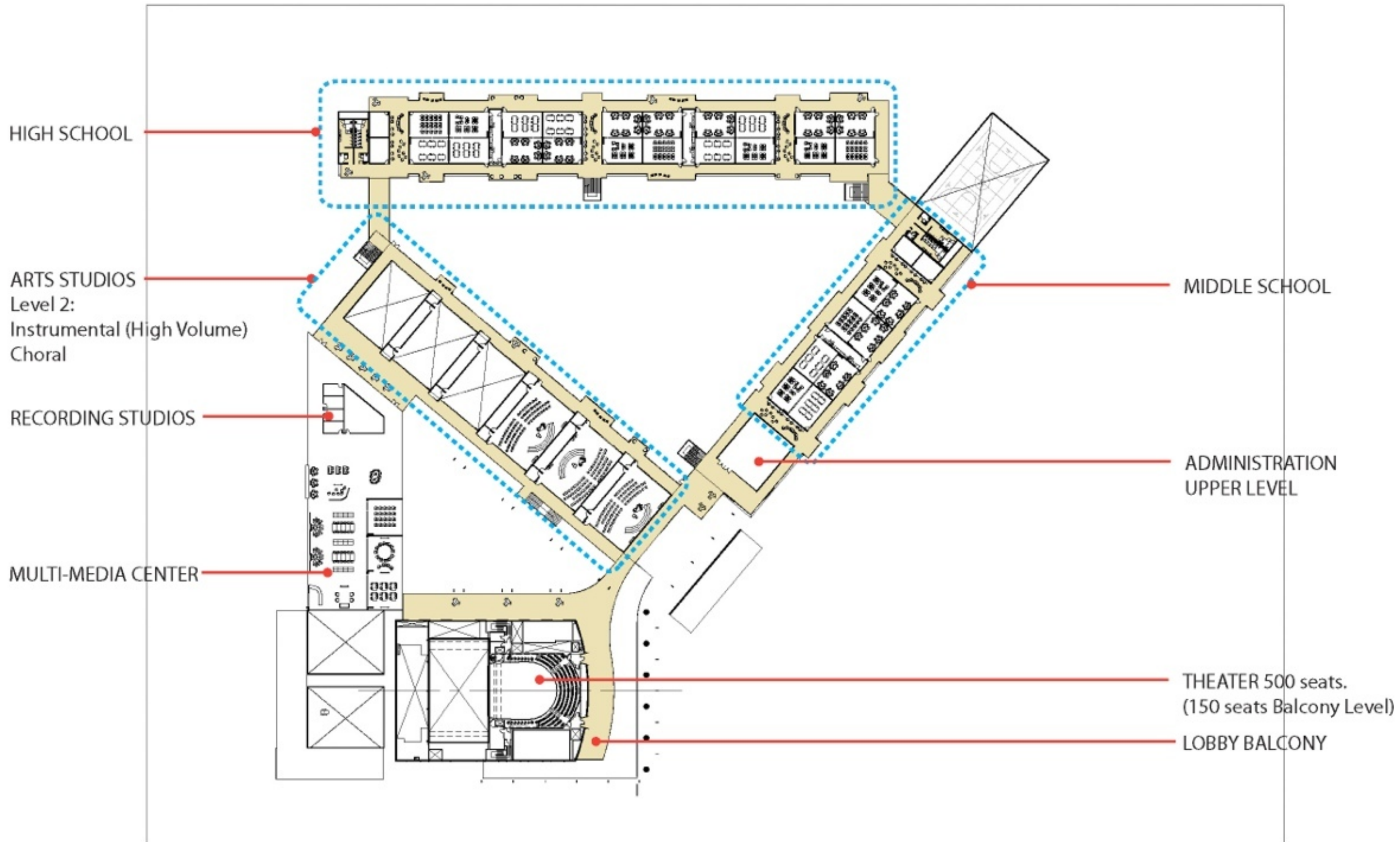
## SCHEME 2 - 1ST FLOOR PLAN





# Create

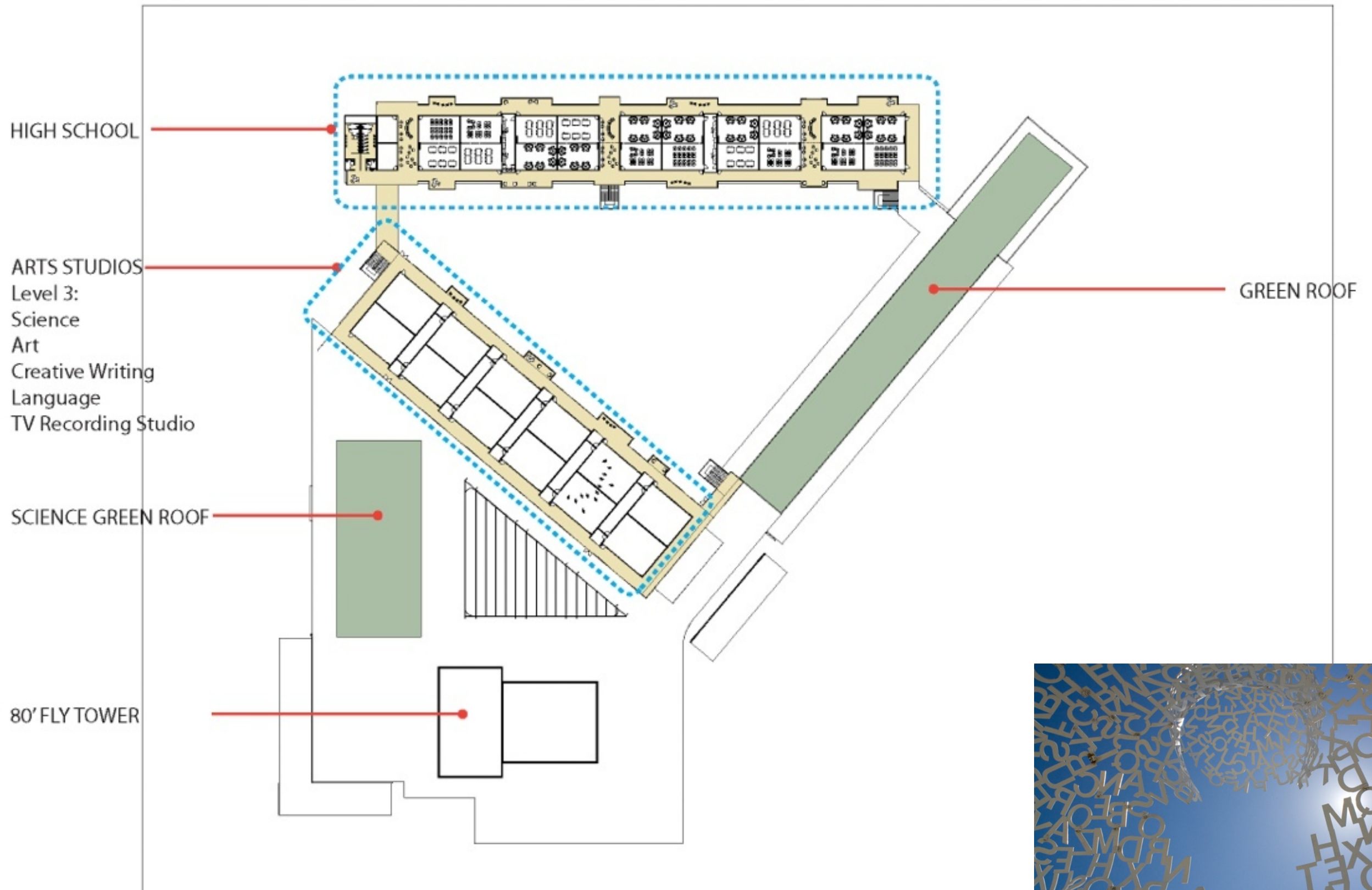
## SCHEME 2 - 2ND FLOOR PLAN





# Create

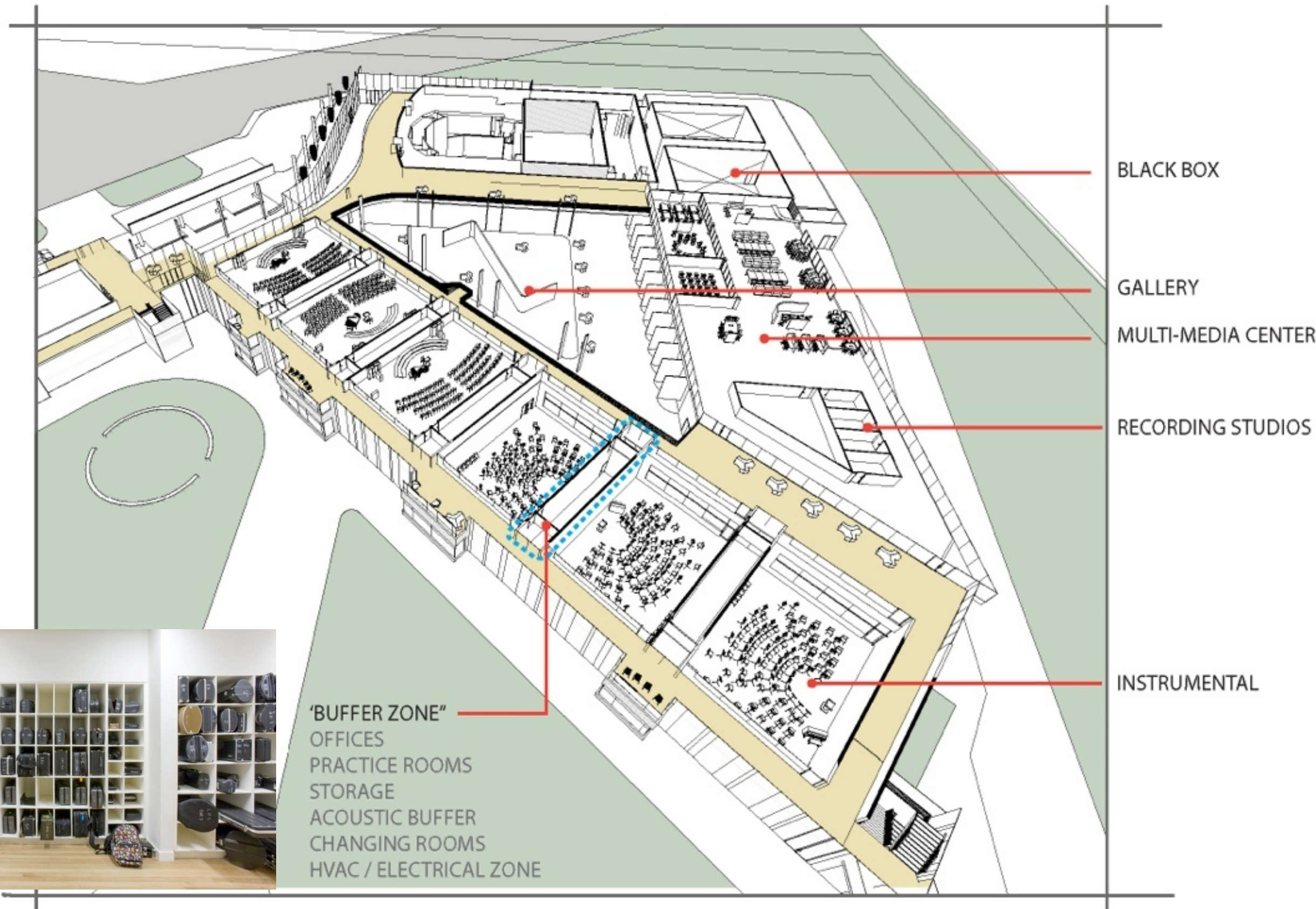
## SCHEME 2 - 3RD FLOOR PLAN





# Create

## SCHEME 2 - ARTS STUDIOS WING



BLACK BOX

GALLERY

MULTI-MEDIA CENTER

RECORDING STUDIOS

INSTRUMENTAL

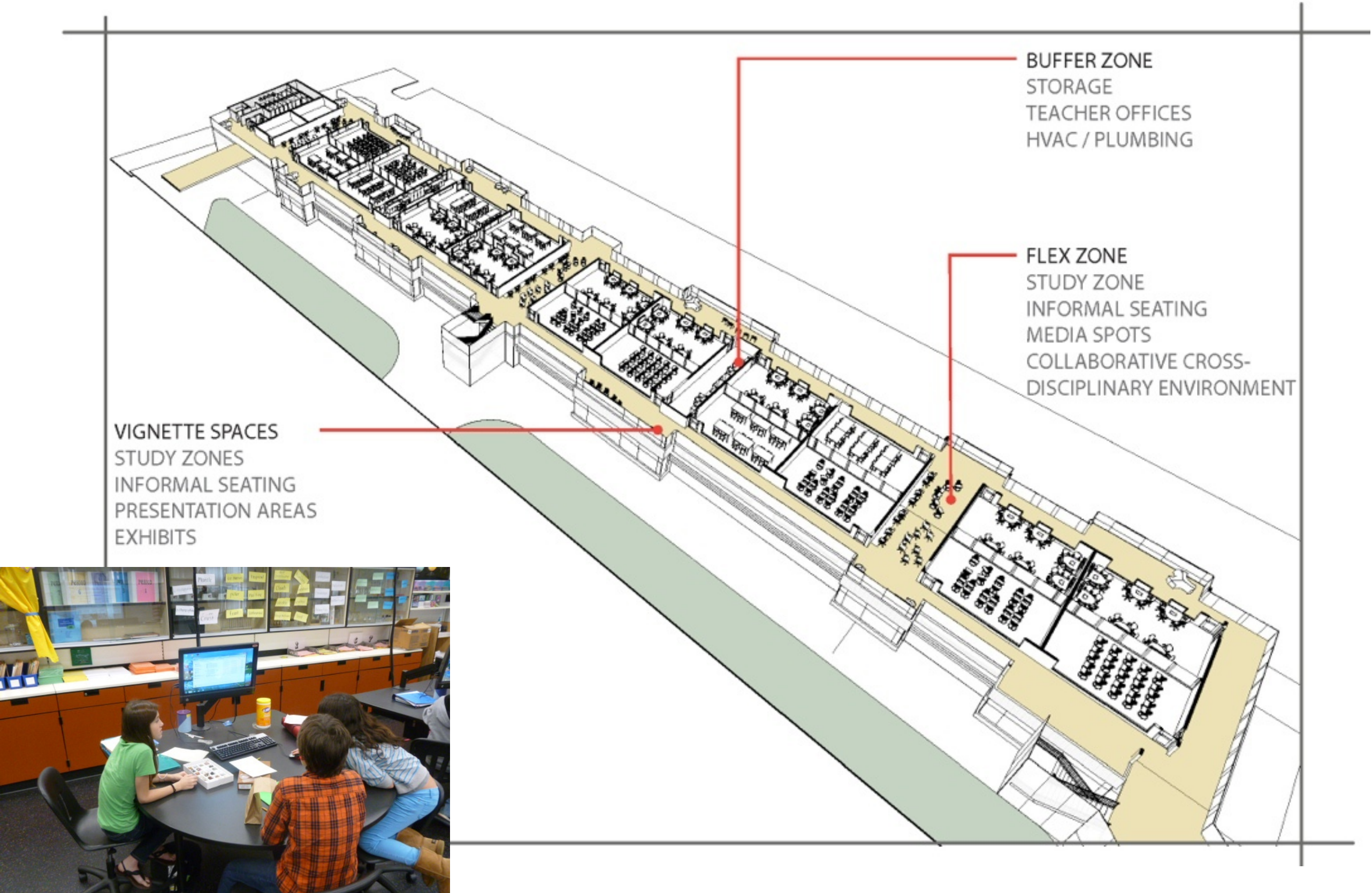
'BUFFER ZONE'  
OFFICES  
PRACTICE ROOMS  
STORAGE  
ACOUSTIC BUFFER  
CHANGING ROOMS  
HVAC / ELECTRICAL ZONE





# Create

## SCHEME 2 - HIGH SCHOOL WING - LEARNING ENVIRONMENT





# Create

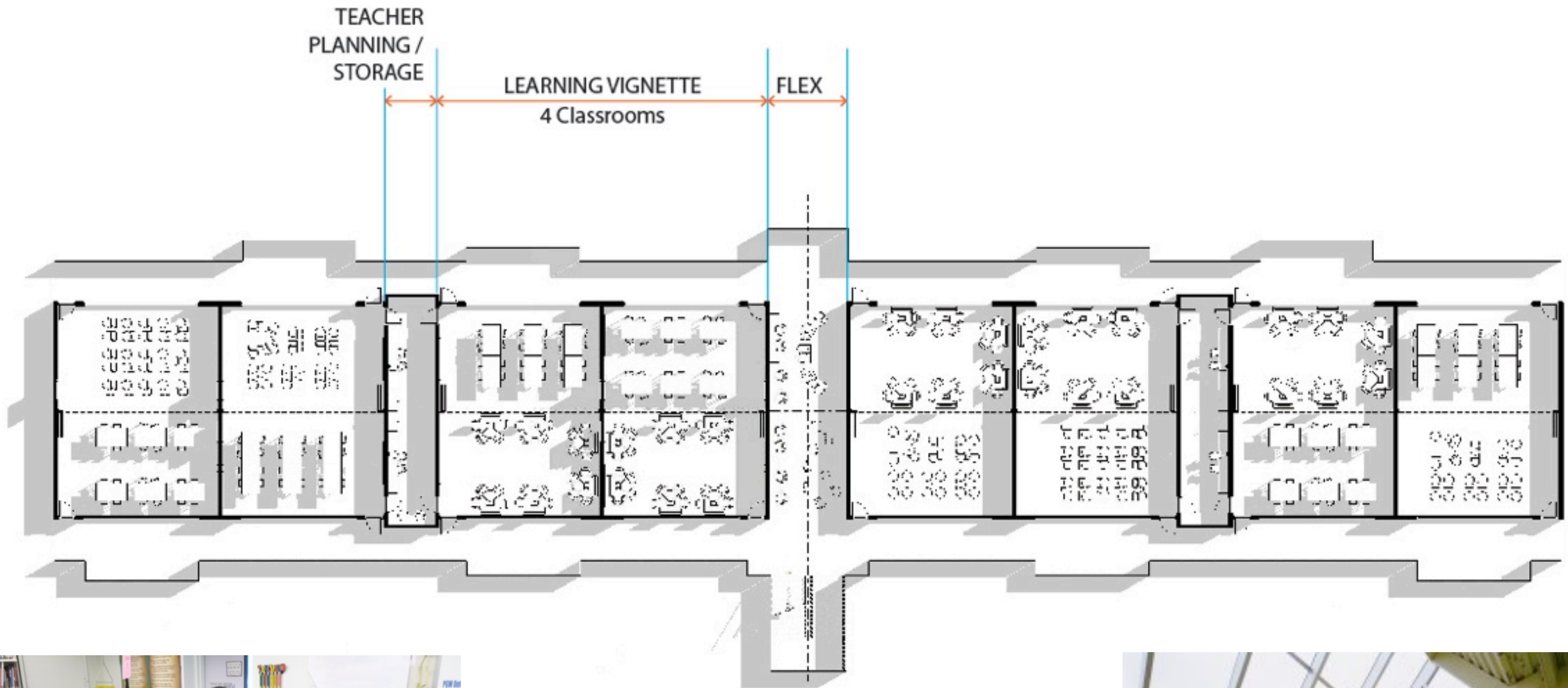
## INTERIOR VIEWS - LEARNING ENVIRONMENT





# Discover

## CLASSROOM WING TYPOLOGY





# Create

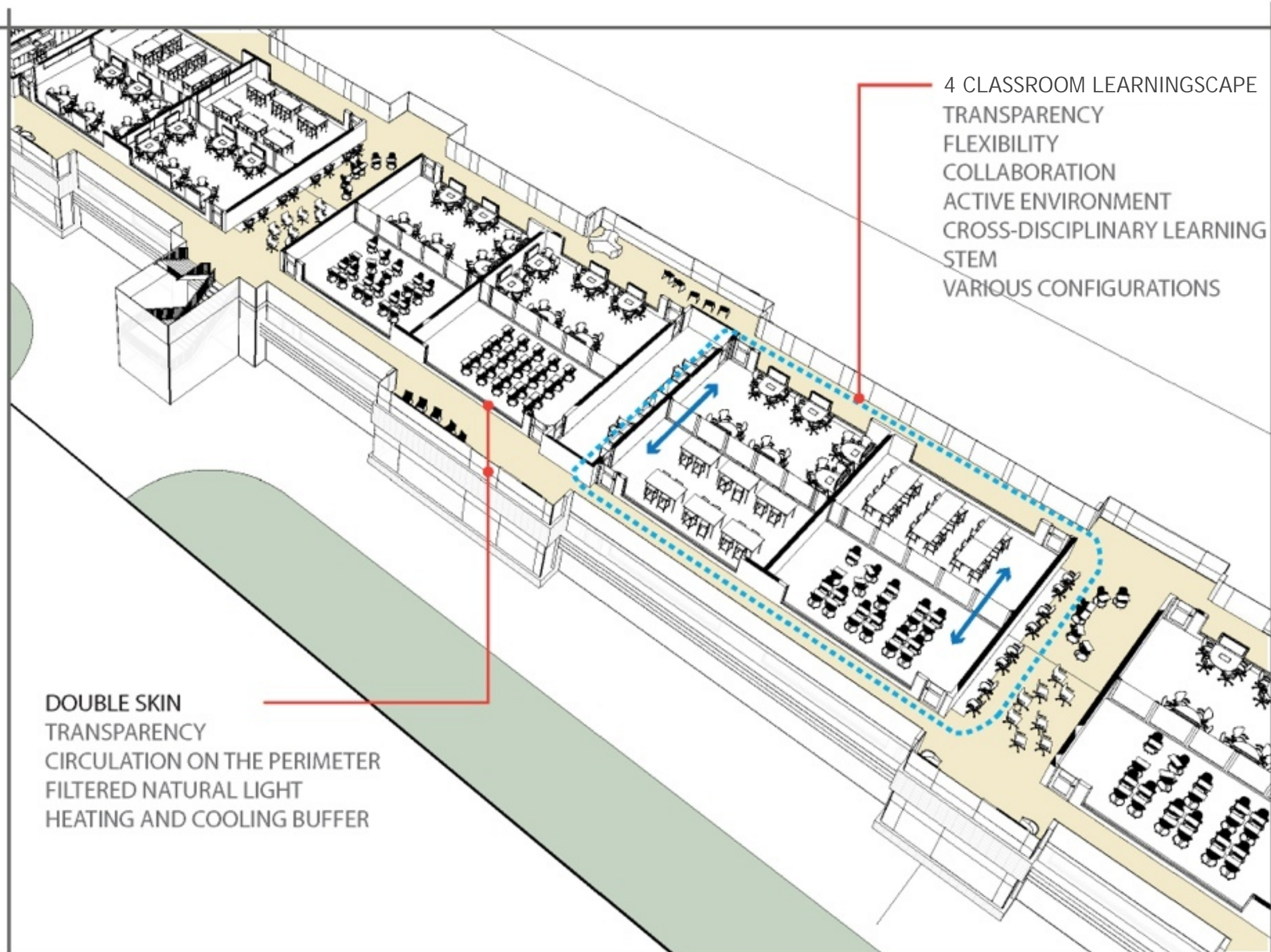
## INTERIOR VIEWS - LEARNING ENVIRONMENT





# Create

## SCHEME 2 - HIGH SCHOOL WING - LEARNING ENVIRONMENT - DETAIL





# Create

## INTERIOR VIEWS - LEARNING ENVIRONMENT





# Create

## INTERIOR VIEWS - LEARNING ENVIRONMENT





# Create

## SCHEME 2 - VIEW - FLEX ZONE / VIGNETTE SPACE





# Create

## SCHEME 2 - VIEW - GALLERY / ARTS STUDIOS / CAFE / DINING





# Create

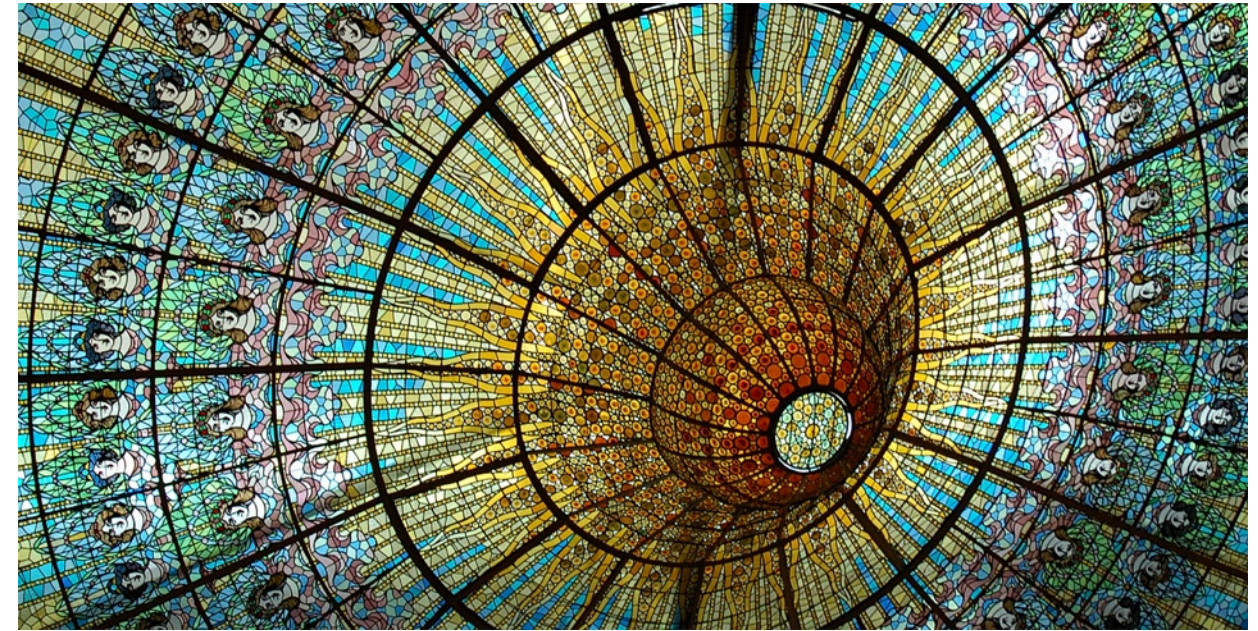
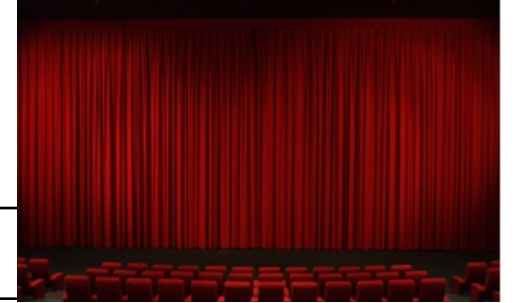
## SCHEME 2 - VIEW - ART STUDIO / VIGNETTE SPACE





# Create

## SCHEME 2 - VIEW - SCULPTURE GARDEN - OUTDOOR PRE-FUNCTION SPACE





# Create

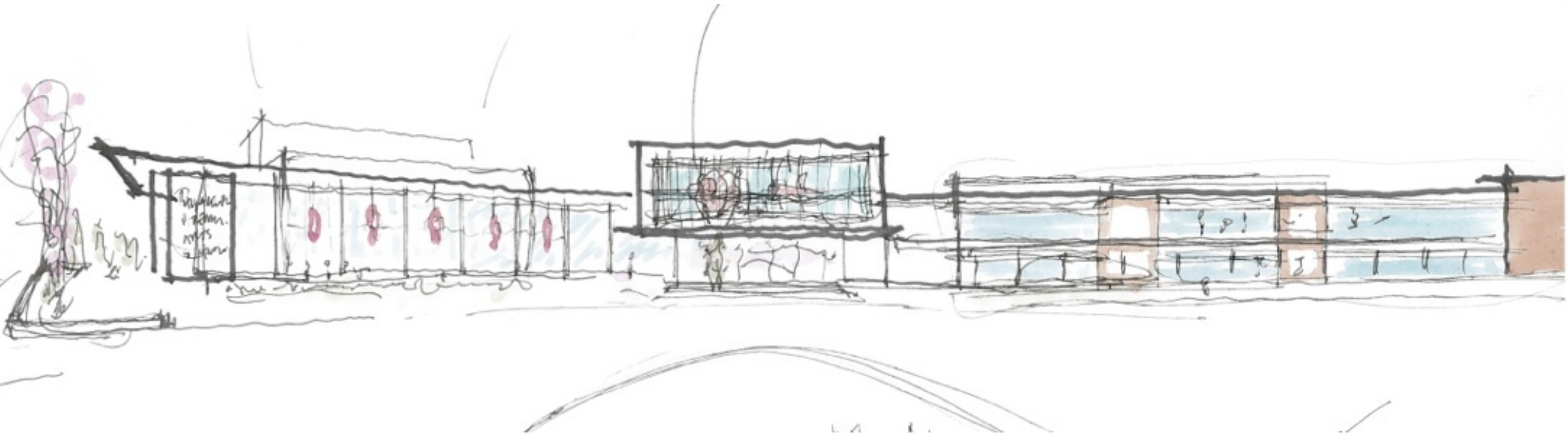
## SCHEME 2 - VIEW - AERIAL - NORTHEAST



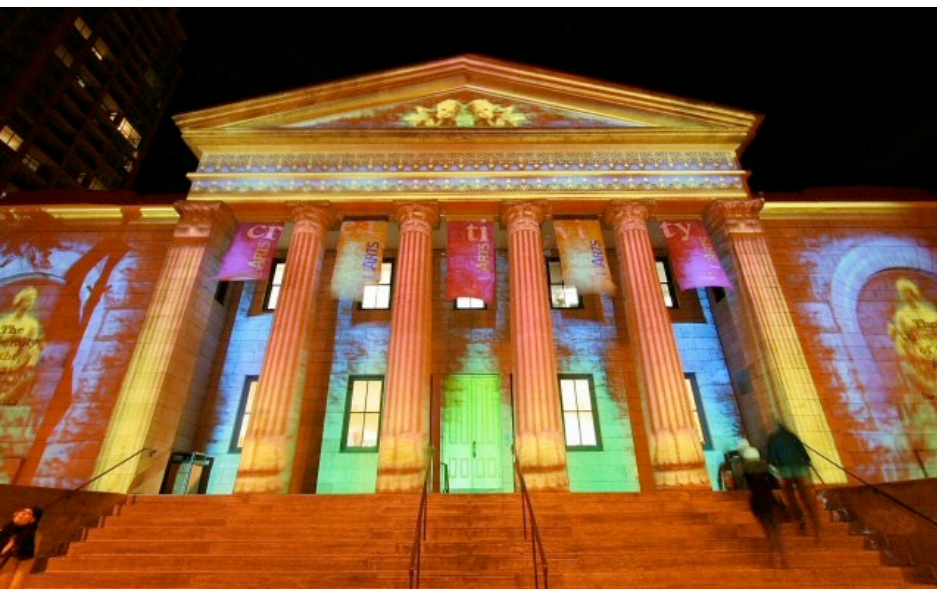


# Create

## SCHEME 2 - VIEW - ENTRY



*A NEW CORNERSTONE FOR THE CITY OF THE ARTS*





A blurred photograph of a classroom with several students raising their hands. The students are seen from behind, wearing various colored shirts (light blue, dark blue, red, orange, green). In the background, a large chalkboard is visible with faint, illegible chalk markings. The overall scene suggests an interactive learning environment.

# Questions?



# Expertise

## SUSTAINABILITY



The Learning Lodge at Grandfather Mountain - **Net Zero**



Queens College Science Center - **LEED Platinum**



University of South Carolina - **LEED Silver**



Newton Conover Middle School - **LEED Platinum**



# Sustainability

## OUR LEED CREDENTIALS



92

LEED ACCREDITED  
PROFESSIONALS



80

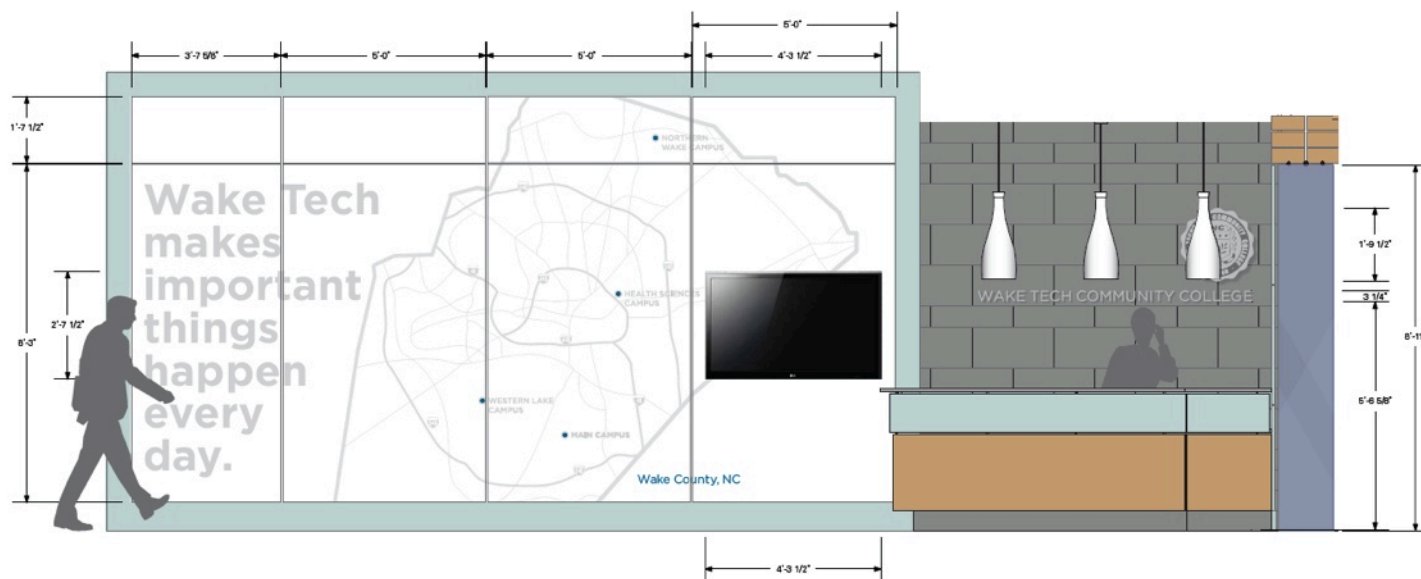
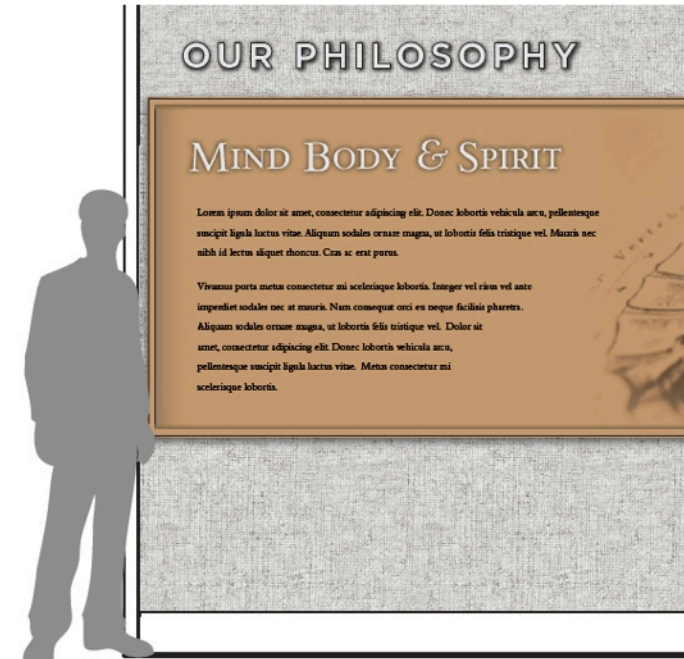
PROJECTS CERTIFIED  
OR REGISTERED



GREEN  
THINKERS



# Environmental Graphics





# Teaching & Speaking

## SPEAKING

**2008**

**CEFPI SOUTHEASTERN  
REGIONAL CONFERENCE**

Performance Over Perception:  
Strengthening the Argument for  
Schools  
Tom Balke

**NEOCON EAST**

Around the Globe  
Tomas Eliaeson

**CEFPI ANNUAL  
INTERNATIONAL CONFERENCE**

Case Studies on Building  
Sustainable Schools  
Tom Balke

**2009**

**CEFPI SOUTHEASTERN  
REGIONAL CONFERENCE**

Inside the Mind of the Millennial  
Tom Balke

**AIA NATIONAL CONVENTION**

Lost in Translation  
Tomas Eliaeson

**AIA SCHOOL BUILDINGS EXPO**

Urban Schools  
Tom Balke & Tomas Eliaeson

**2010**

**CEFPI ANNUAL  
INTERNATIONAL CONFERENCE**

The Immersive LearningScape  
Tomas Eliaeson

**2011**

**NEOCON**

The Immersive LearningScape  
Tomas Eliaeson

**NEOCON EAST**

The Immersive LearningScape  
Tomas Eliaeson

**2012**

**SCHOOL & COLLEGE  
BUILDING EXPO (AIA CAE)**

The Immersive LearningScape  
Urban Schools  
Tom Balke & Tomas Eliaeson

**NEOCON**

Finding the Intersection  
Tomas Eliaeson

**2013**

**INNOVATE SCHOOLS  
CONFERENCE (SAO PAULO,  
BRAZIL)**

The Immersive LearningScape 2.0  
Tomas Eliaeson

**NAIS ANNUAL CONFERENCE**

Beyond Buildings: Engaging the  
Community in a Revolutionary  
Master Plan Process  
Tom Balke & Shana Paschal

## TEACHING

**ADJUNCT PROFESSOR**

University of North Carolina at Charlotte  
College of Architecture  
Tom Balke & Tomas Eliaeson

**MENTORING PROGRAM**

Pinewood Elementary School  
Little

**JOB SHADOW PROGRAM**

Communities in Schools  
Little

## ORGANIZATIONS & EVENTS

**COUNCIL OF EDUCATIONAL  
FACILITY PLANNERS  
INTERNATIONAL (CEFPI)**

Tom Balke

**2007 COMMITTEE ON  
ARCHITECTURE FOR  
EDUCATION CONFERENCE,  
SEATTLE, WA**

Shana Paschal

**AIA CHARLOTTE: COMMITTEE ON  
ARCHITECTURE FOR EDUCATION  
CONFERENCE**

Shana Paschal & Tom Balke

**NORTH CAROLINA SCHOOL  
BOARD**

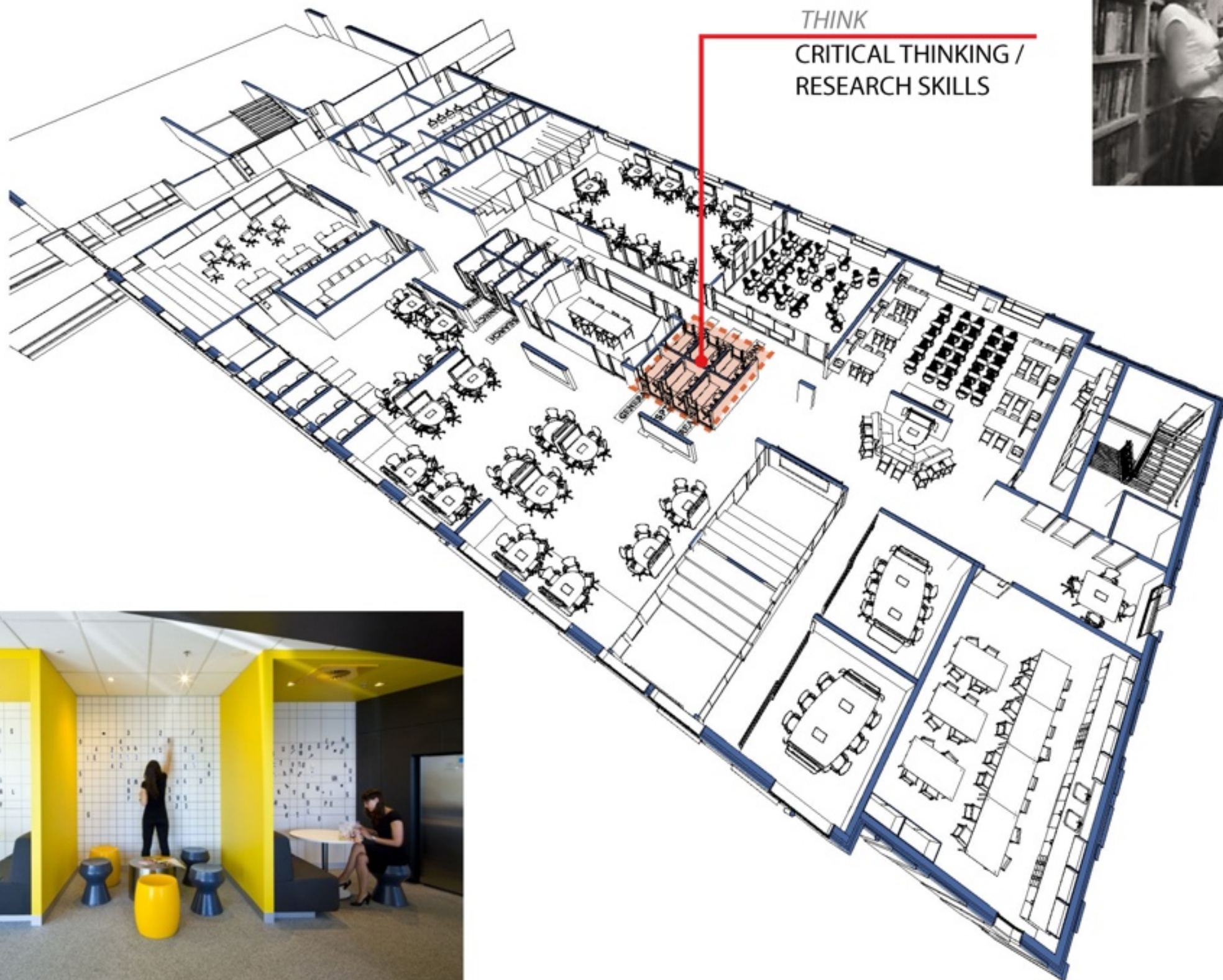
Affiliate Member  
Little

**SOUTH CAROLINA SCHOOL BOARD**

Affiliate Member  
Little

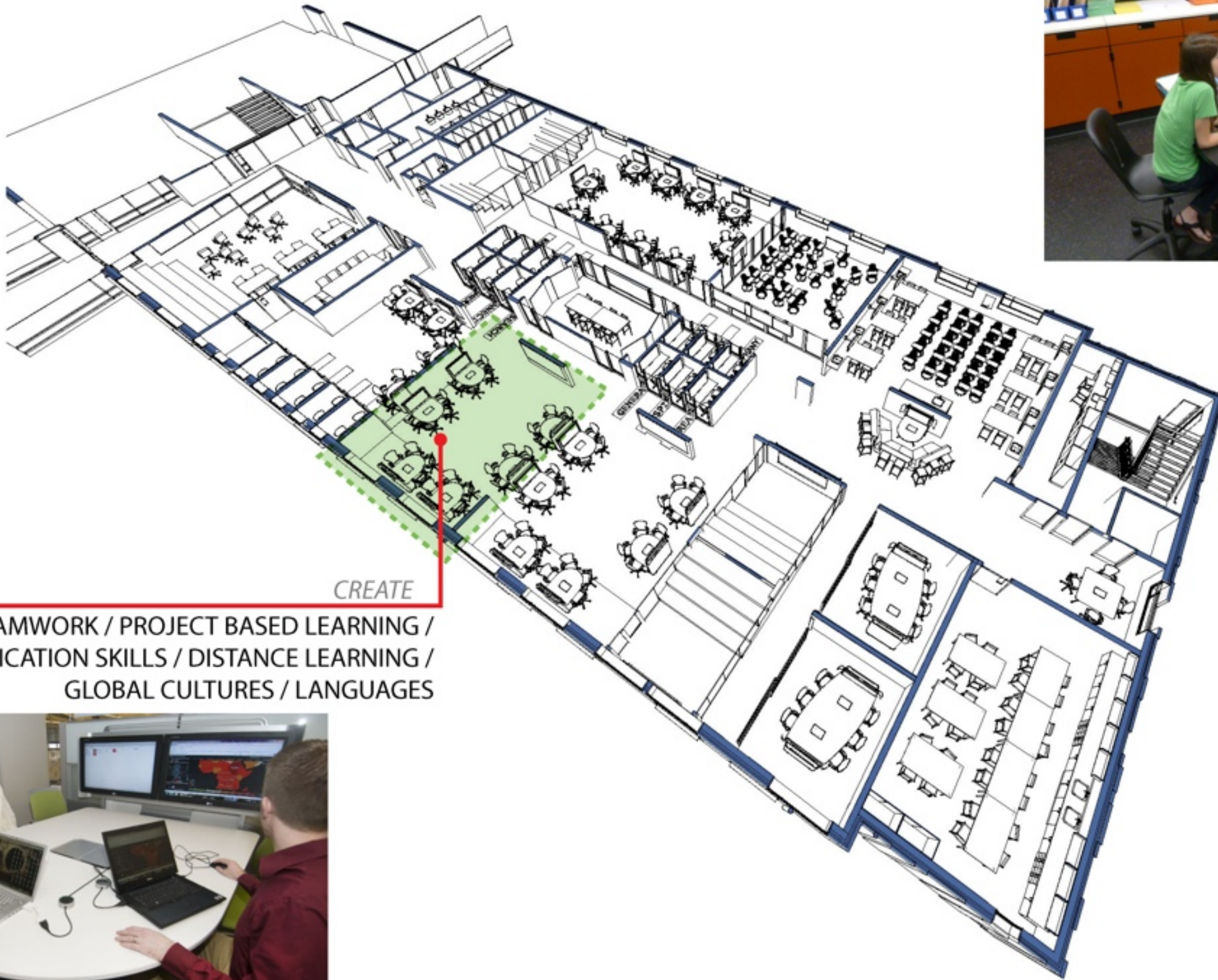


# THE IMMERSIVE LEARNINGSCAPE - THINK-SCAPE





# THE IMMERSIVE LEARNINGSCAPE - CREATE-SCAPE



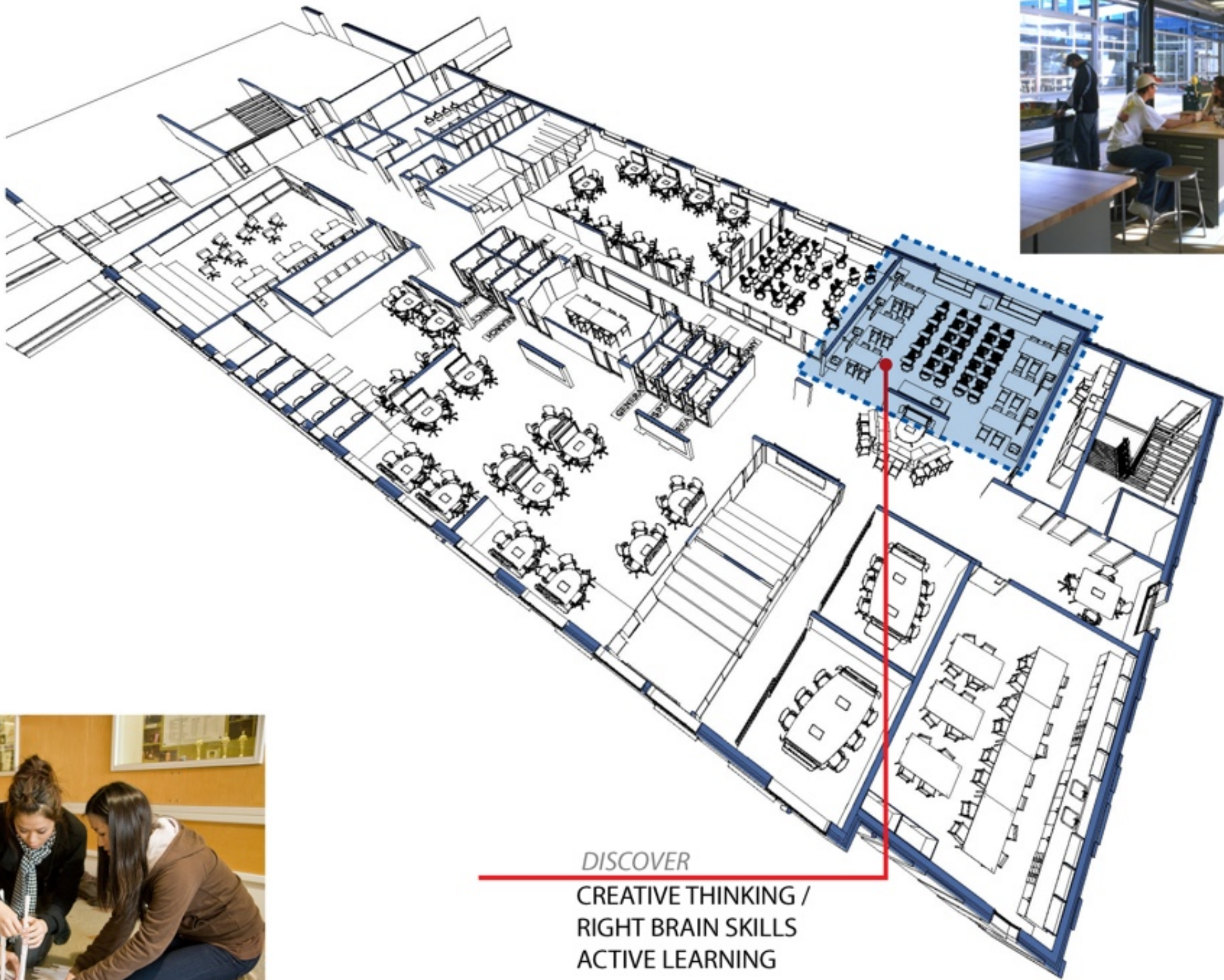
CREATE

TEAMWORK / PROJECT BASED LEARNING /  
COMMUNICATION SKILLS / DISTANCE LEARNING /  
GLOBAL CULTURES / LANGUAGES



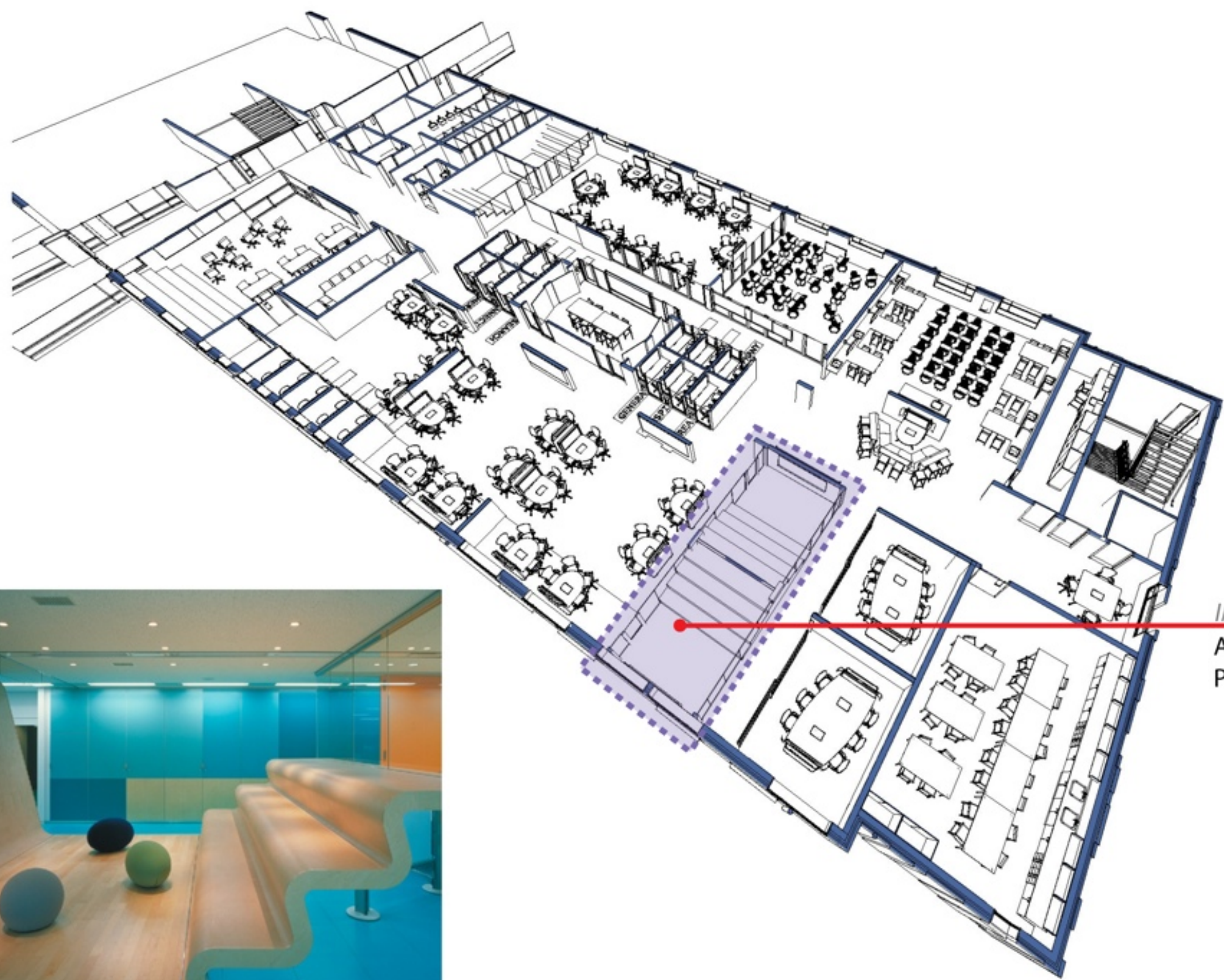


# THE IMMERSIVE LEARNINGSCAPE - DISCOVER-SCAPE





# THE IMMERSIVE LEARNINGSCAPE - IMPART-SCAPE



IMPART  
AUDITORY SKILLS /  
PRESENTATION SKILLS





# THE IMMERSIVE LEARNINGSCAPE - EXCHANGE-SCAPE

## EXCHANGE

MULTI-DISCIPLINARY LEARNING /  
CO-PLANNING & CO-TEACHING  
LEADERSHIP SKILLS  
SOCIAL SKILLS





# Create

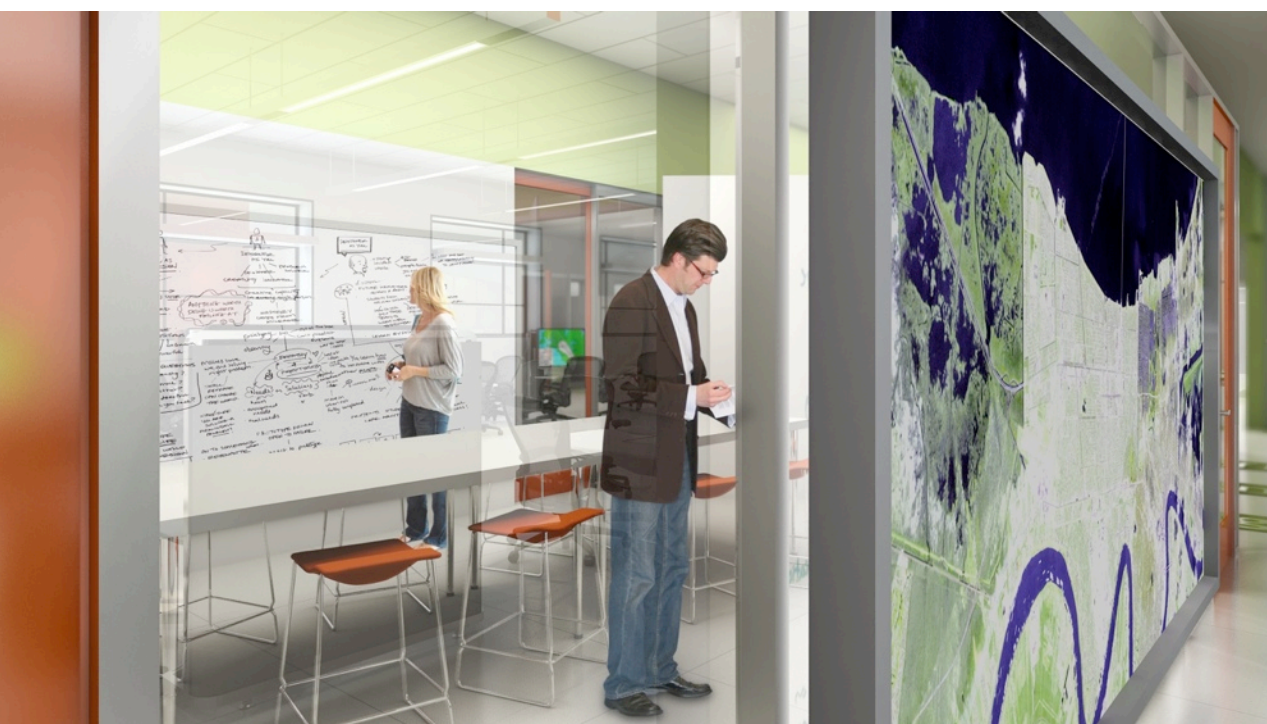
## INTERIOR VIEWS - LEARNING ENVIRONMENT





# Create

## INTERIOR VIEWS - LEARNING ENVIRONMENT





# Create

## SCHEME 2 - VIEW - THEATER





# Create

## SCHEME 2 - VIEW - ENTRY - EVENT NIGHT



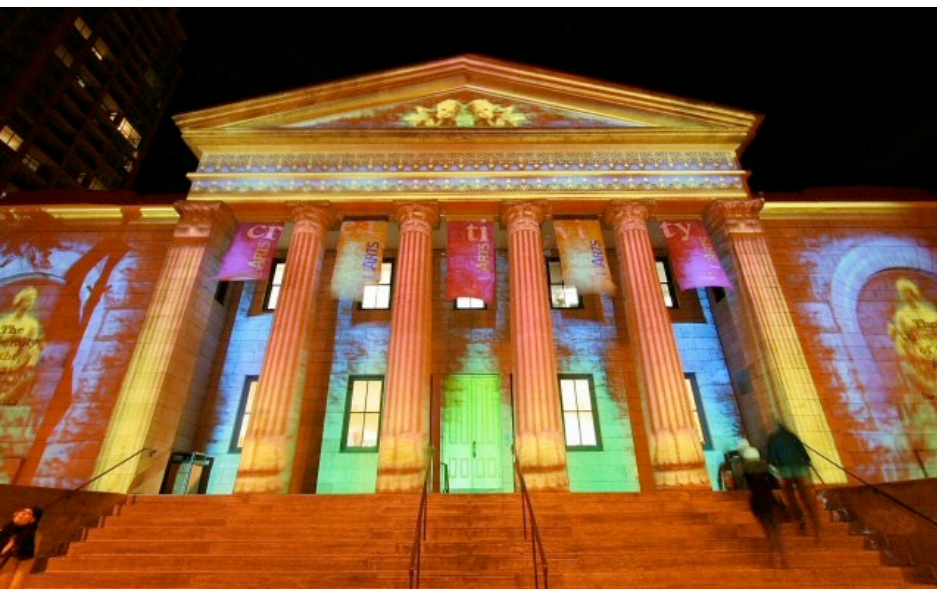


# Create

## SCHEME 2 - VIEW - ENTRY



*A NEW CORNERSTONE FOR THE CITY OF THE ARTS*





# Expertise

## ARTS CASE STUDY: CHARLOTTE CATHOLIC HIGH SCHOOL





# Expertise

## ARTS CASE STUDY: CHARLOTTE CATHOLIC HIGH SCHOOL





# Expertise

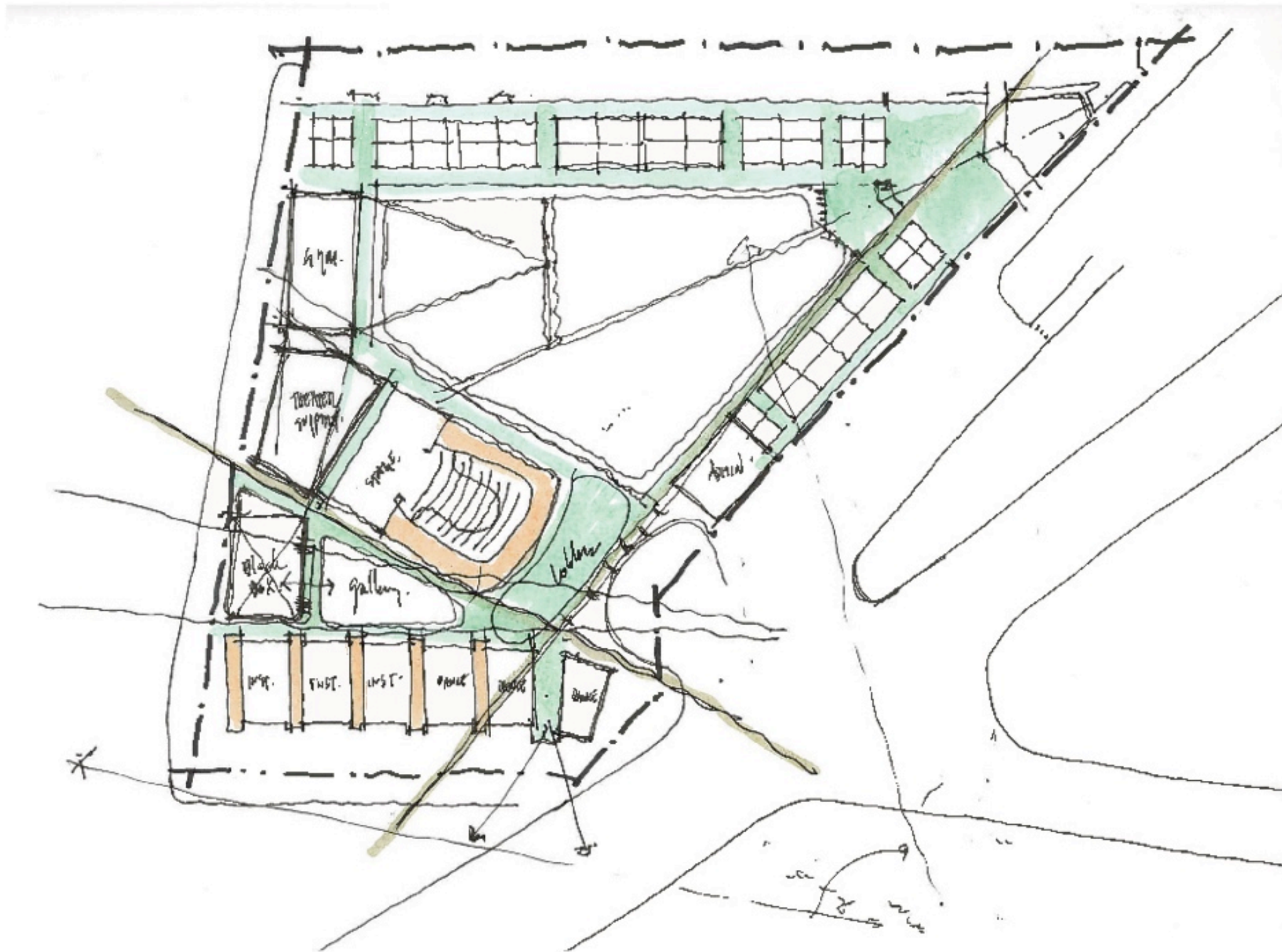
## ARTS CASE STUDY: LATIN SCHOOL





# Discover

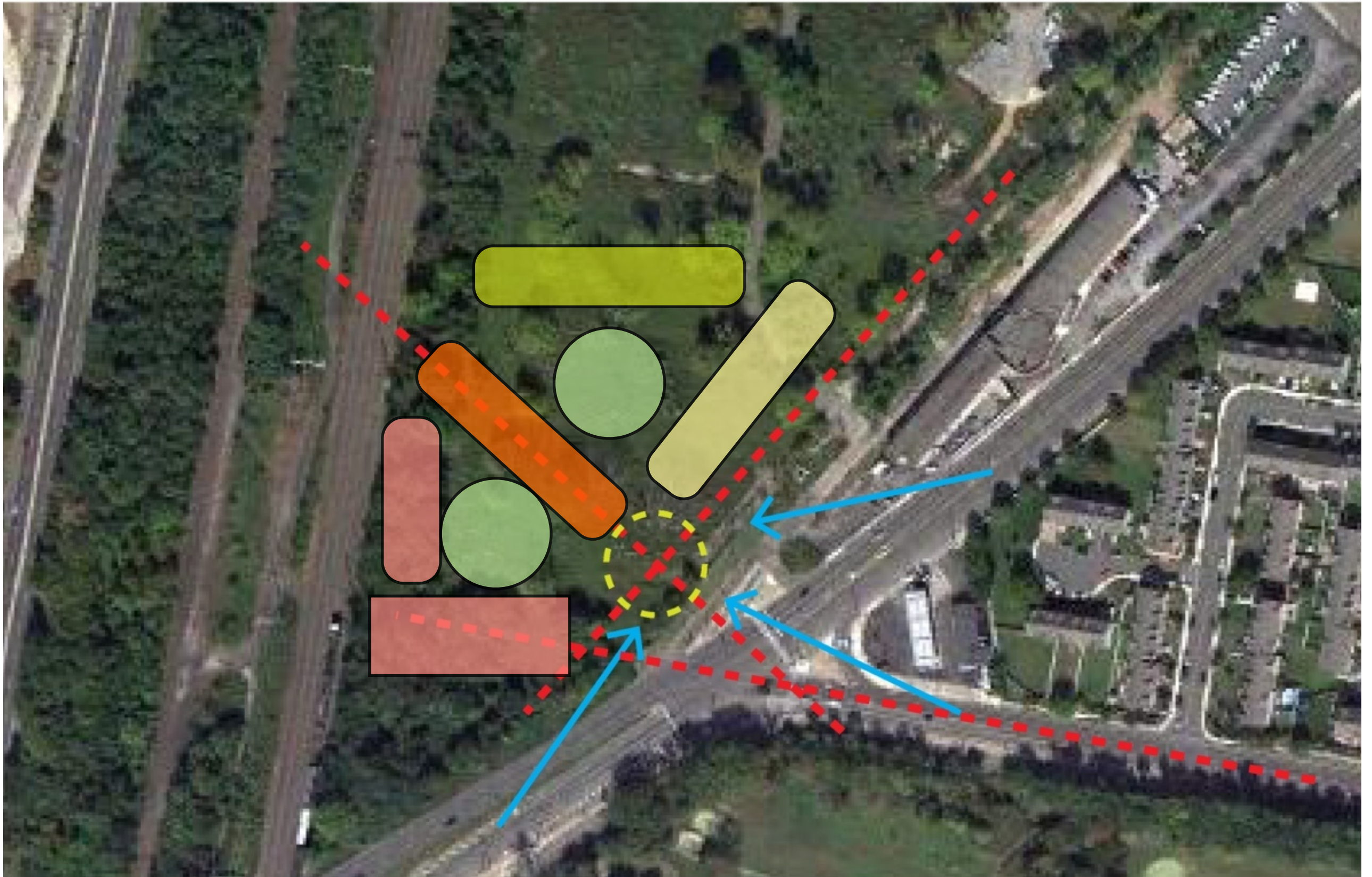
## SCHEME 2





# Create

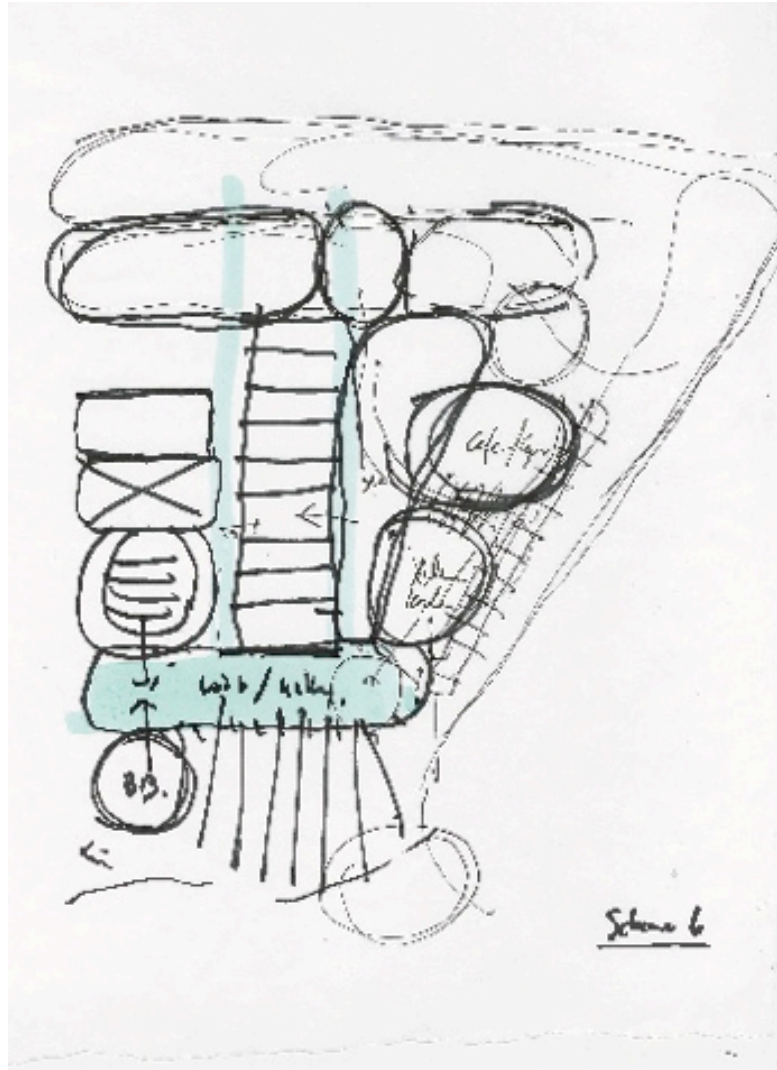
## SCHEME 2 - SITE DIAGRAM



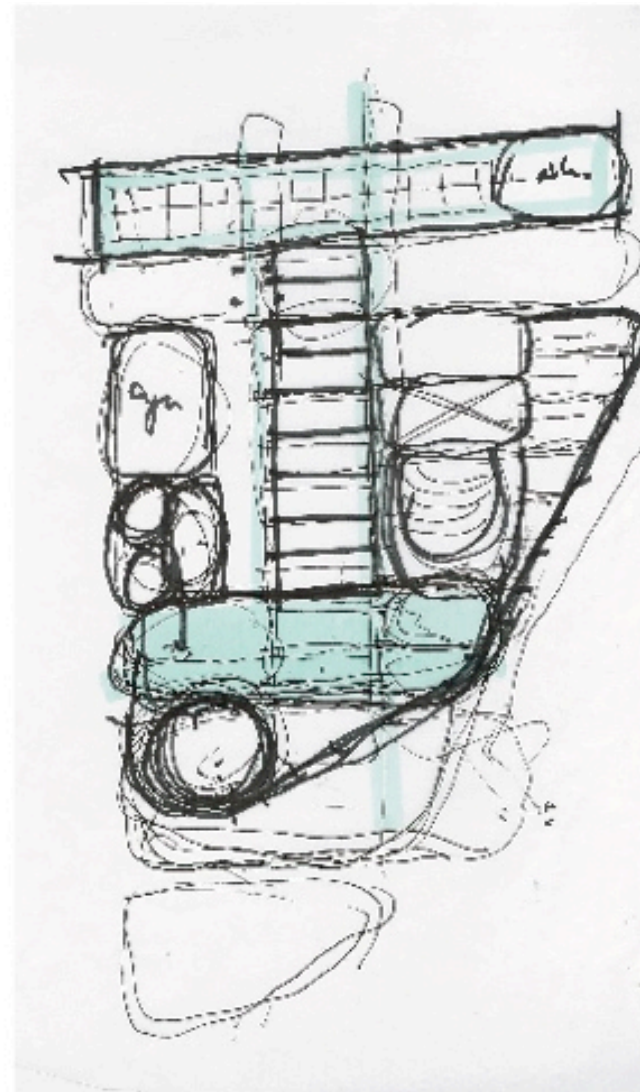


# Discover

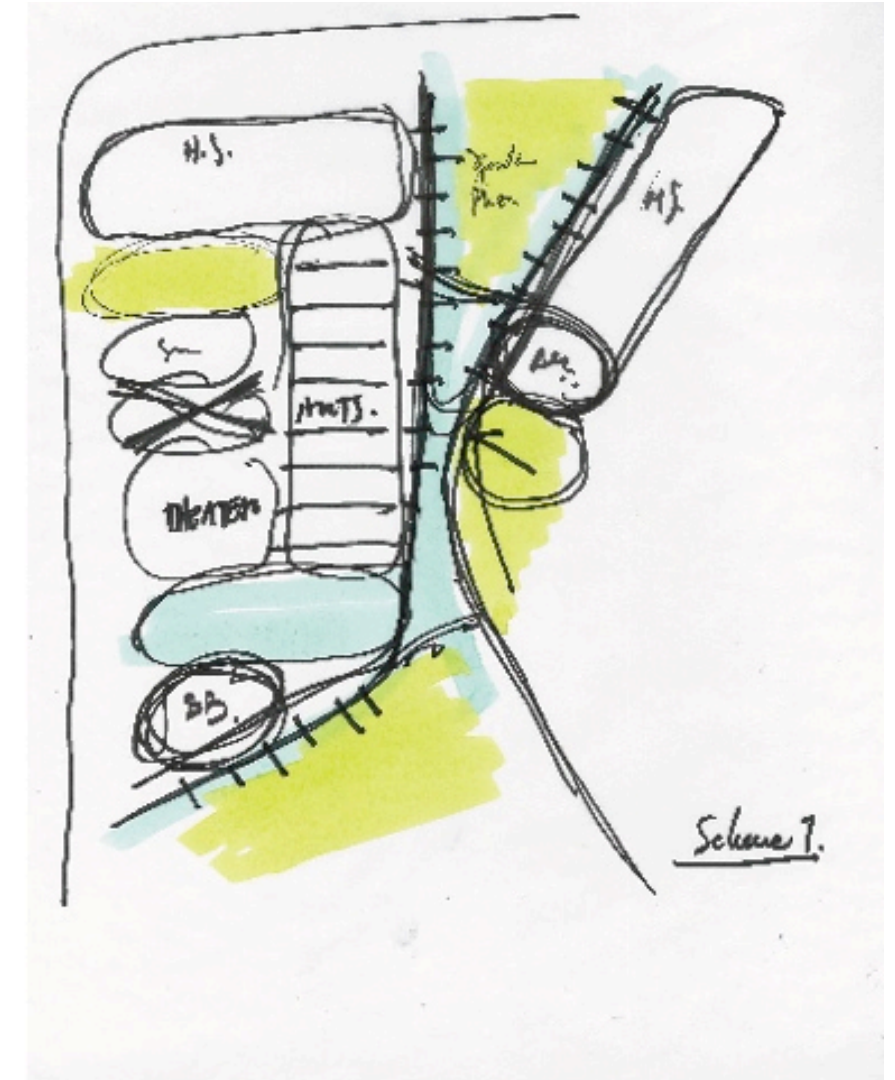
## SCHEME 3 SKETCHES



S3a



S3b

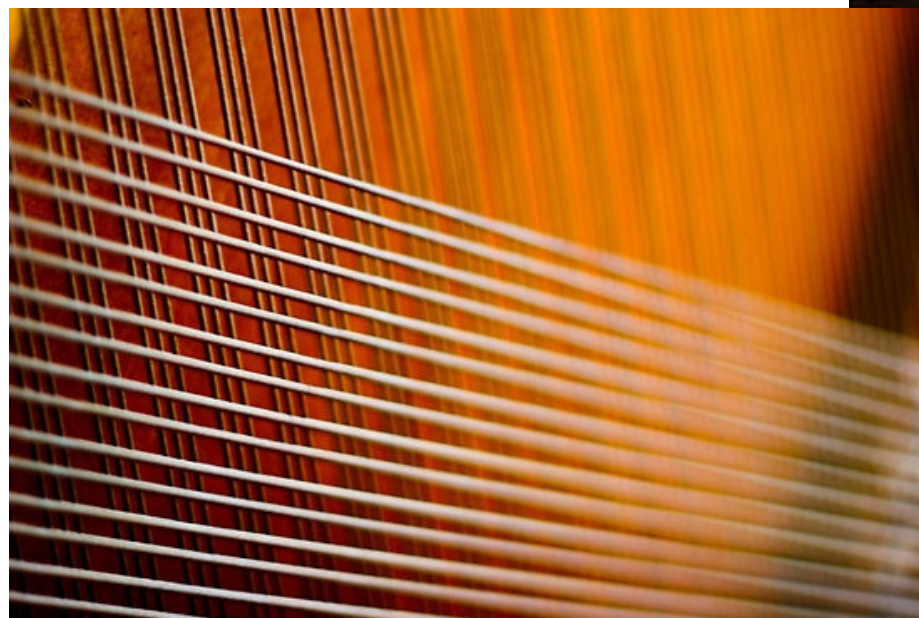


S3c

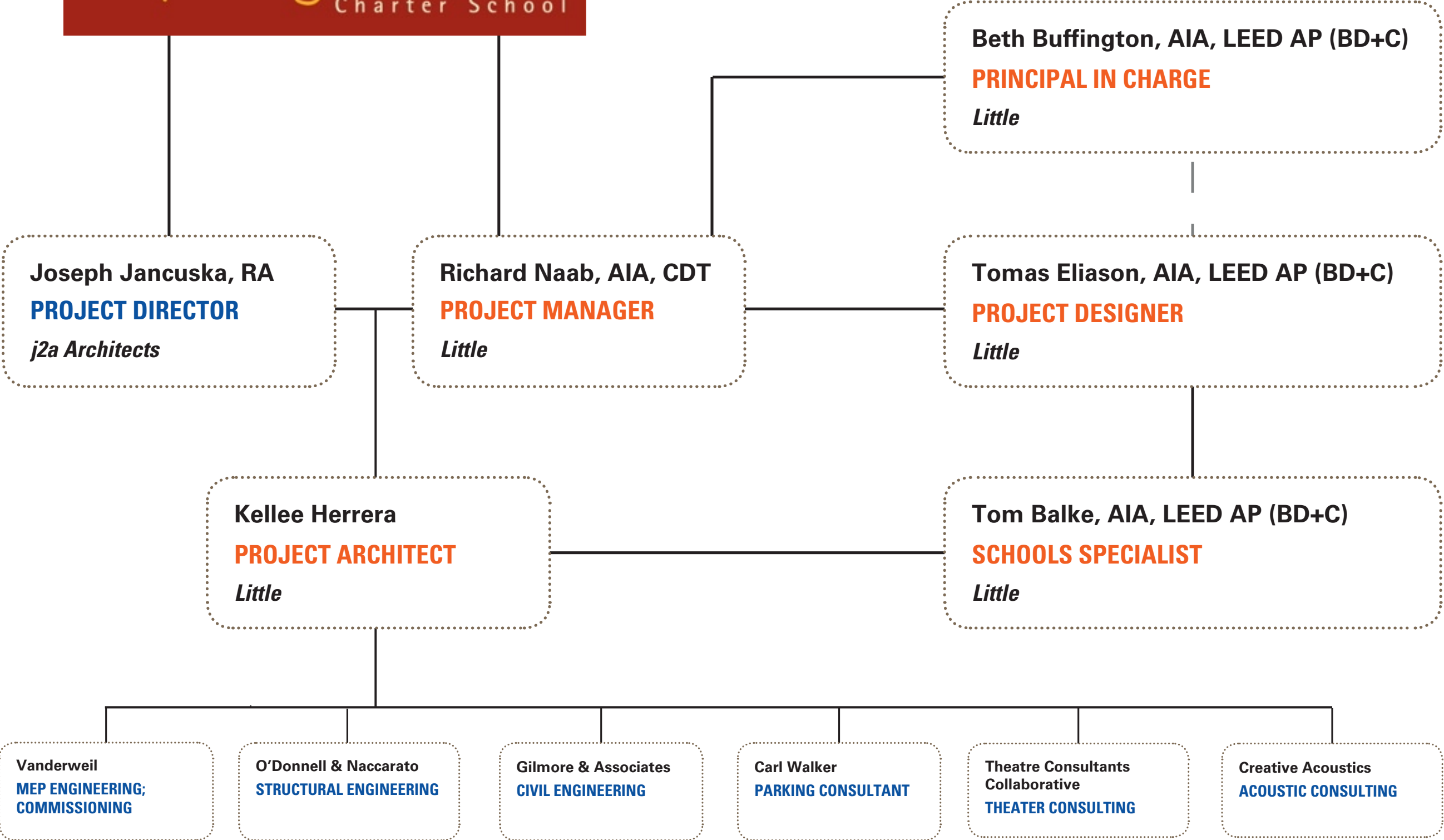


# Create

## SCHEME 2 LEVEL ONE







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**STRUCTURAL ENGINEERING**

Gilmore & Associates  
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Creative Acoustics  
**ACOUSTIC CONSULTING**