

# Santa Monica - Malibu Unified School District Phase 3 - Gold Gymnasium & Exploration Building

Community Meeting  
October 13, 2020



HED



moore ruble yudell  
*architects & planners*

# Agenda

- **Introduction and Webinar Protocol**  
Dr. Antonio Shelton, Principal Santa Monica High School
- **Process, Schedule and Team Introductions**  
Carey Upton, Chief Operations Officer SMMUSD
- **Design Program**  
Amy Yurko, Architect Brainspaces
- **Phase 3 Building Design**  
James Mary O'Connor, Architect Moore Ruble Yudell Architects and Planners  
John Dale, Architect Harley Ellis Devereaux  
John Ruble, Architect Moore Ruble Yudell Architects and Planners
- **Next Steps**  
Carey Upton, Chief Operations Officer SMMUSD

# VISION FOR PHASE 3

- Teaching & Learning
- Samohi Context
- Program Elements
- Inclusive Process



# VISION FOR PHASE 3

## TEACHING & LEARNING

- Enhance Educational Opportunities & Collaboration
- Advance Focus on 21st Century Skills
- Relevant, Project-based, Hands-on Learning
- Simulated Professional Environments
- Connect to Business Community
- Celebrate Student Work and Achievements
- Health & Fitness for All
- Provide Flexibility for Changes over Time
- Plan for Their Future vs Our Past

## SAMOHI CONTEXT

- Replace Outdated / Inefficient Facilities
- Create Dynamic Environments for Learning
- Honor Traditions while Moving Samohi Forward
- Expand & Enhance Campus Green Space
- Clarify Pathways and Campus Circulation
- Provide Adaptability for Future Needs

## EXPLORATION

- Visual Arts, Digital & Media Arts
- Academy Programs: (all include Business & English)
  - Engineering/PLTW
  - Law/Policy/Government
  - Health/Wellness/Sports Medicine
- Outdoor Classrooms & Learning Areas

## GOLD GYM

- 2 PE Gyms, Locker Rooms & Supports
- Dance, Pep Squad
- Health, Fitness, Yoga

## INCLUSIVE PROCESS

- Faculty Sessions for Visioning & Space Programming
- Focus Groups for Detailed Space Needs
- Student Session & Surveys
- Site & District Advisory Committees









# Campus Masterplan





# Site Axis Diagram



Existing Campus



Proposed Campus Axis & Circulation



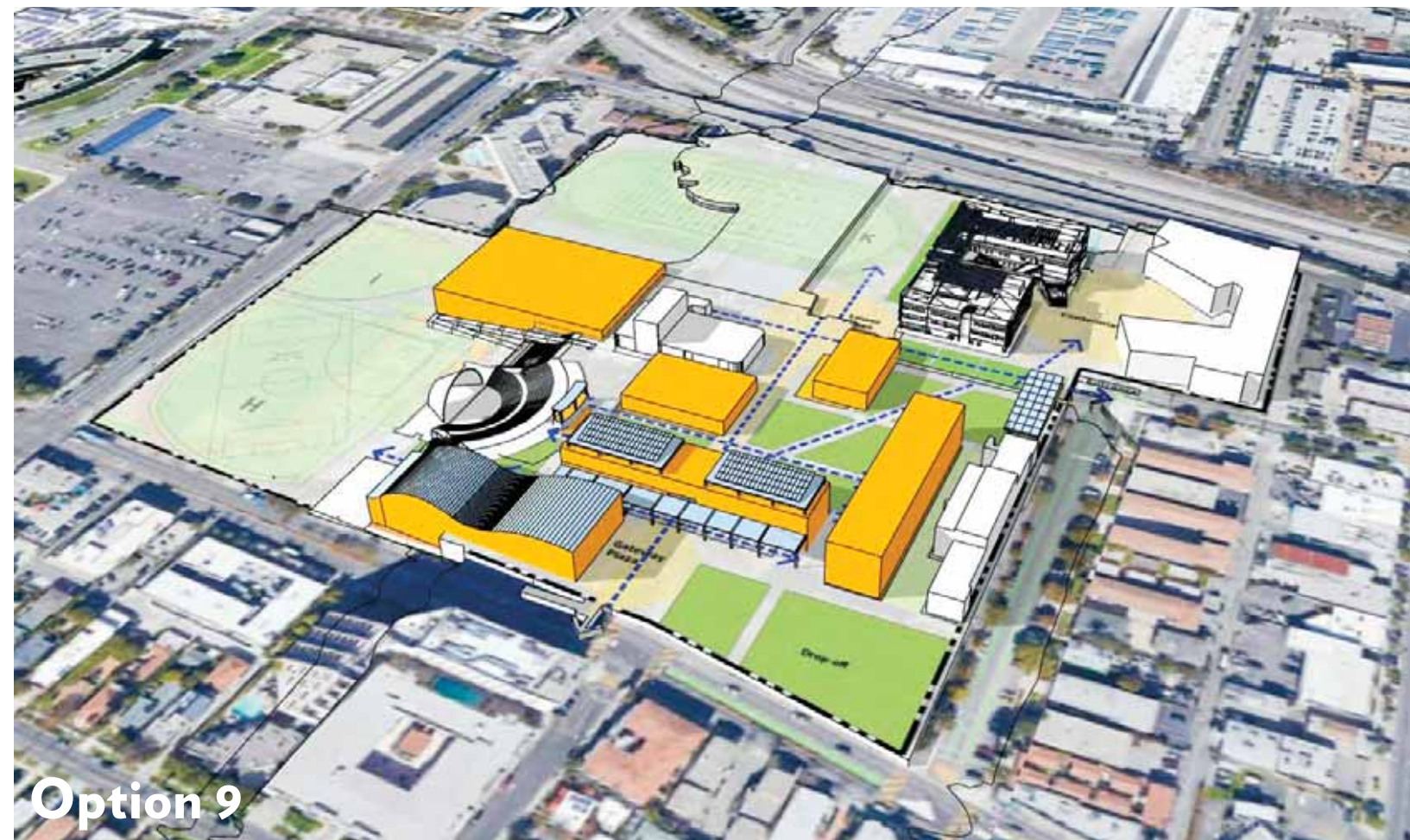
Option 1



Option 4



Option 7

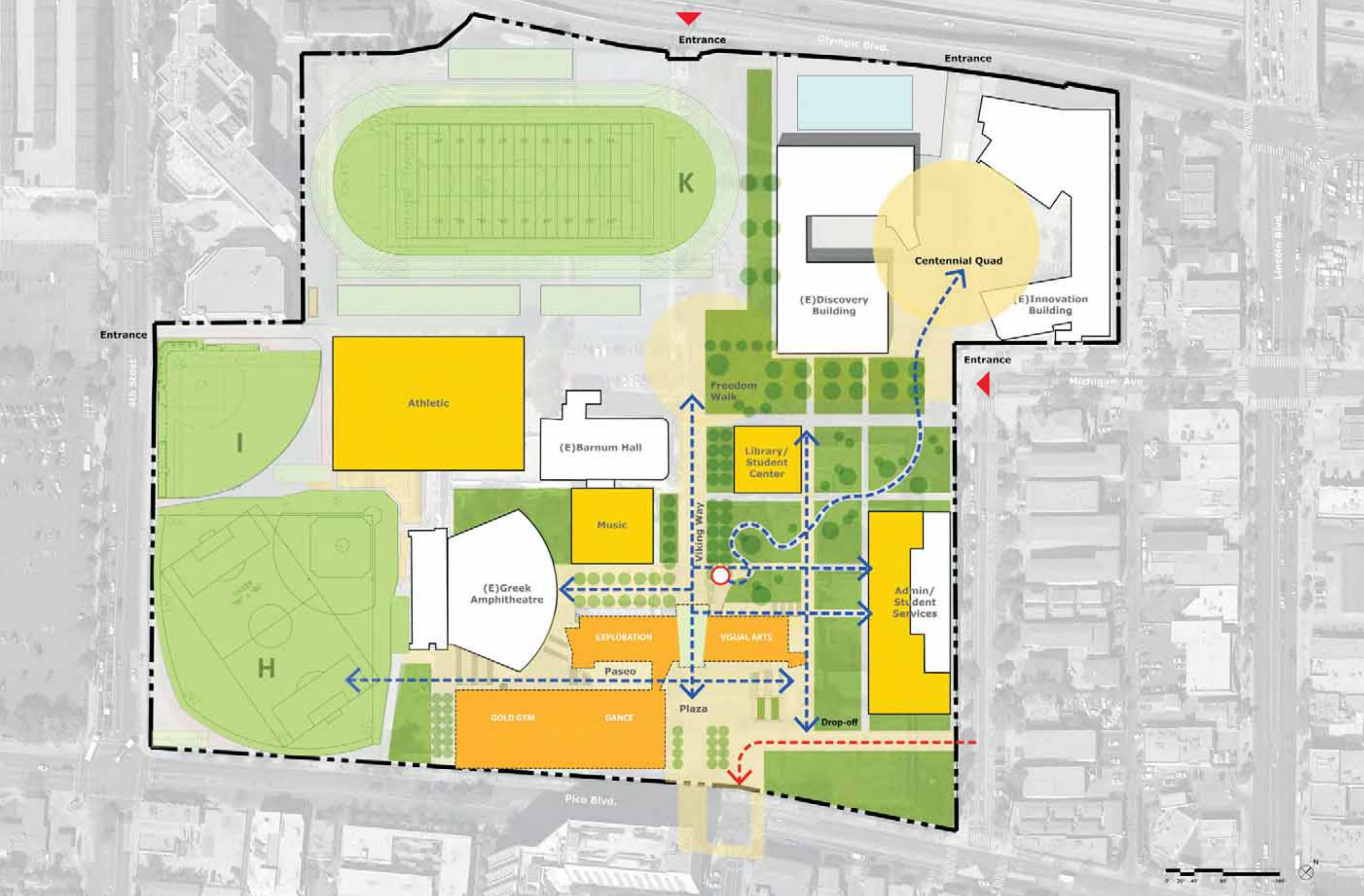


Option 9

# Site Plan - Phase 3



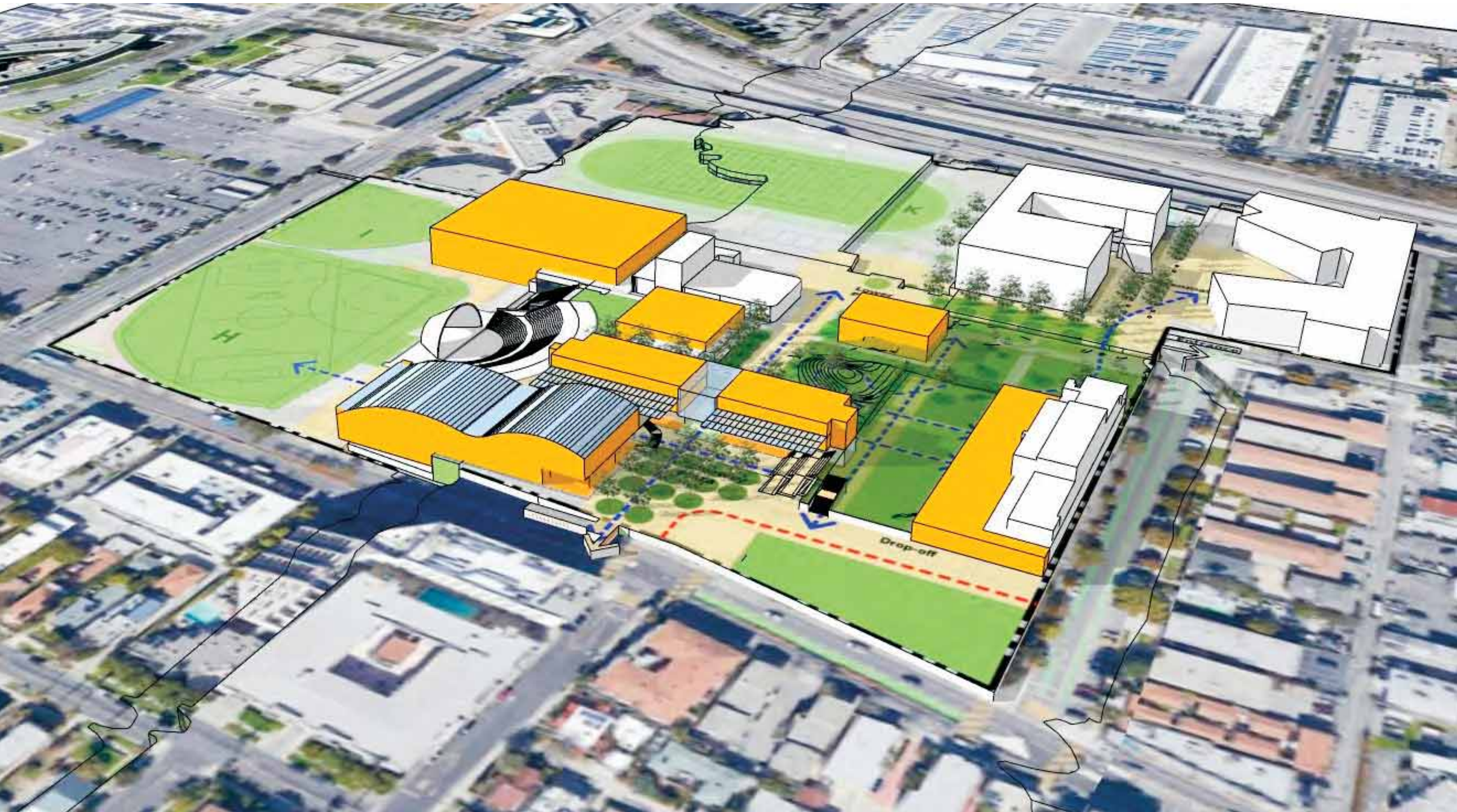
# Site Plan - Future Phase



# Phase 3 Aerial



# Future Phase Aerial



# Functional Zoning



# Functional Zoning

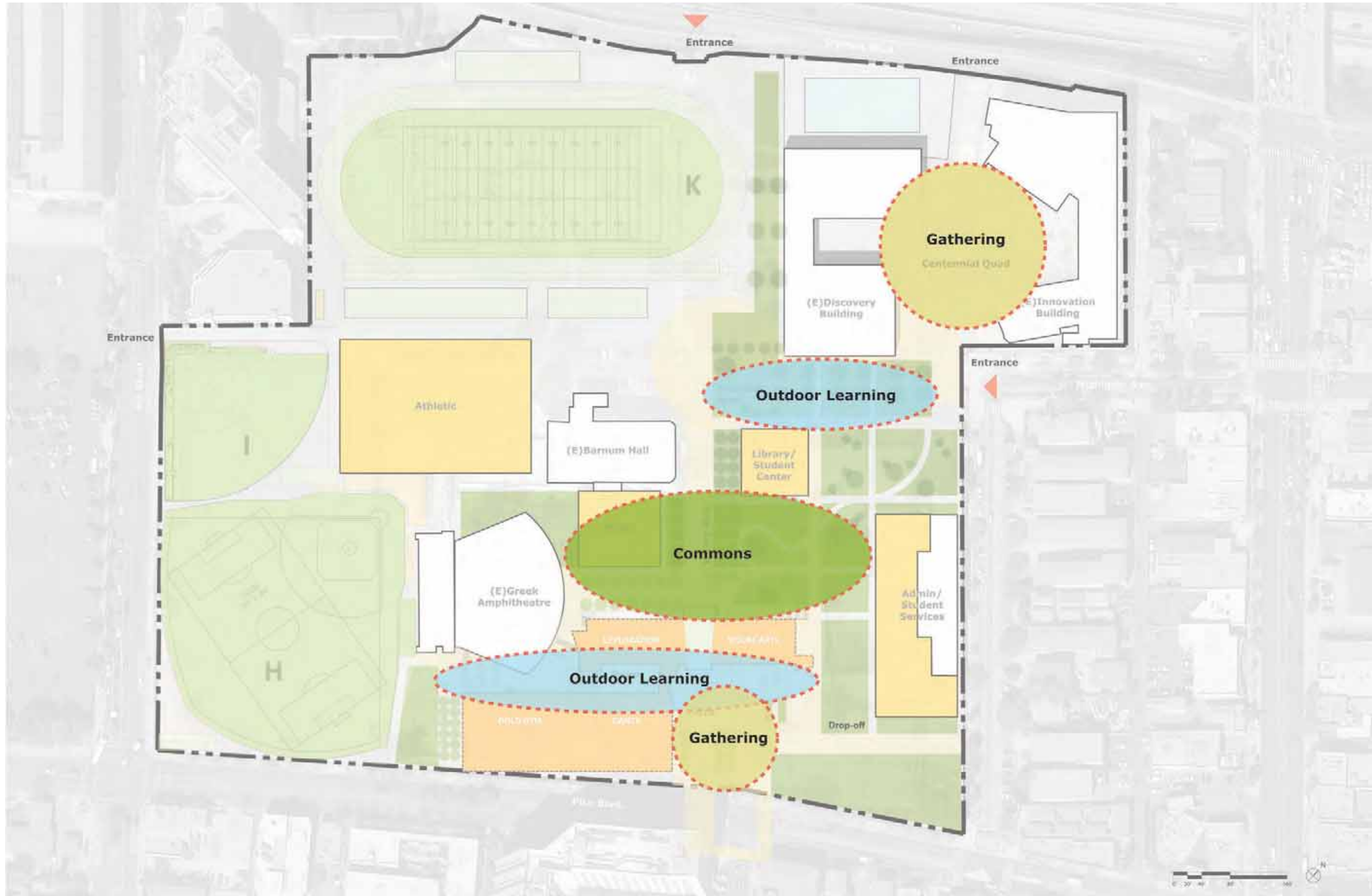




# Functional Zoning



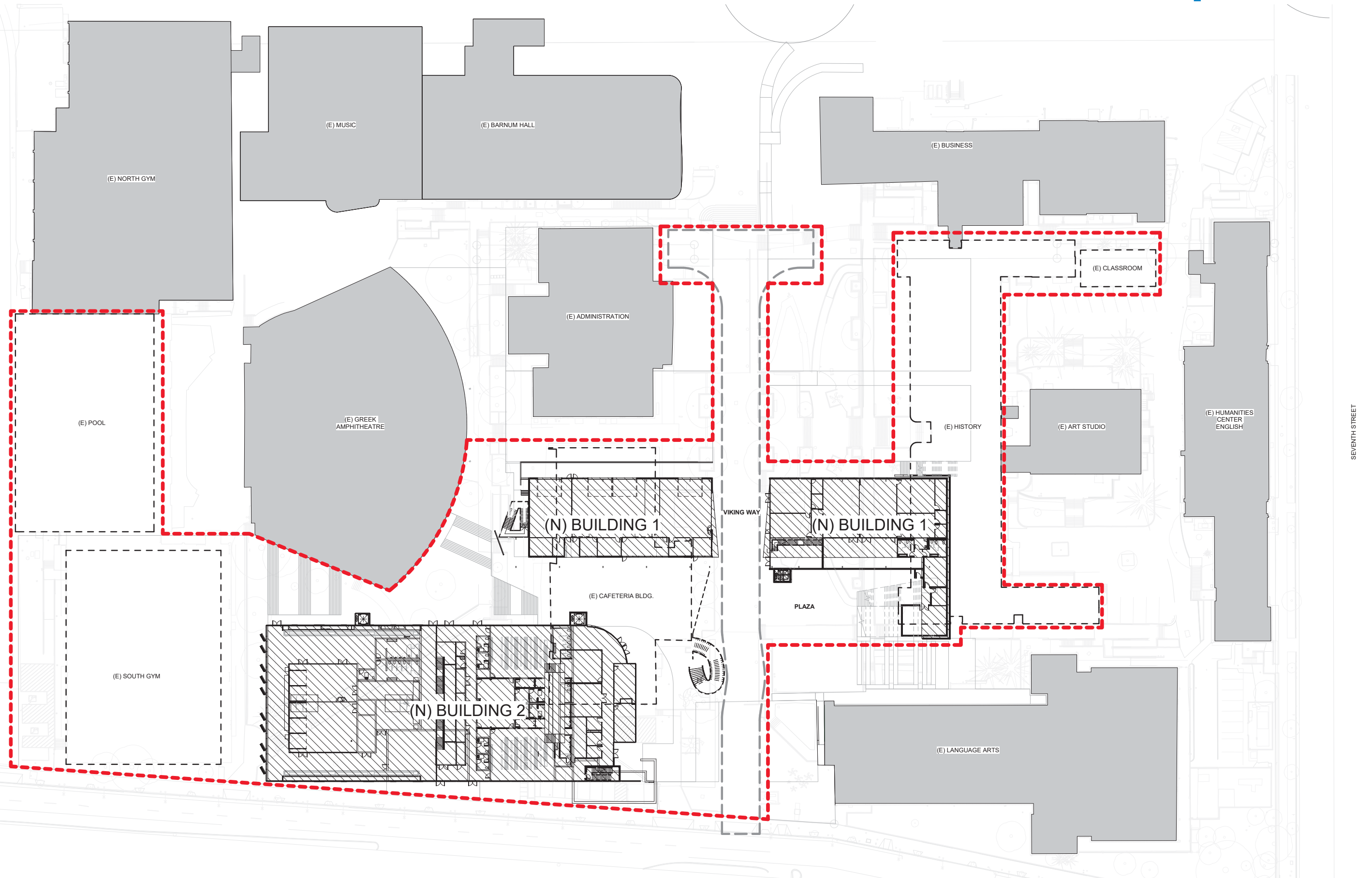
# Outdoor Space Types



# Precedents - Paseo



# Site Scope Boundary











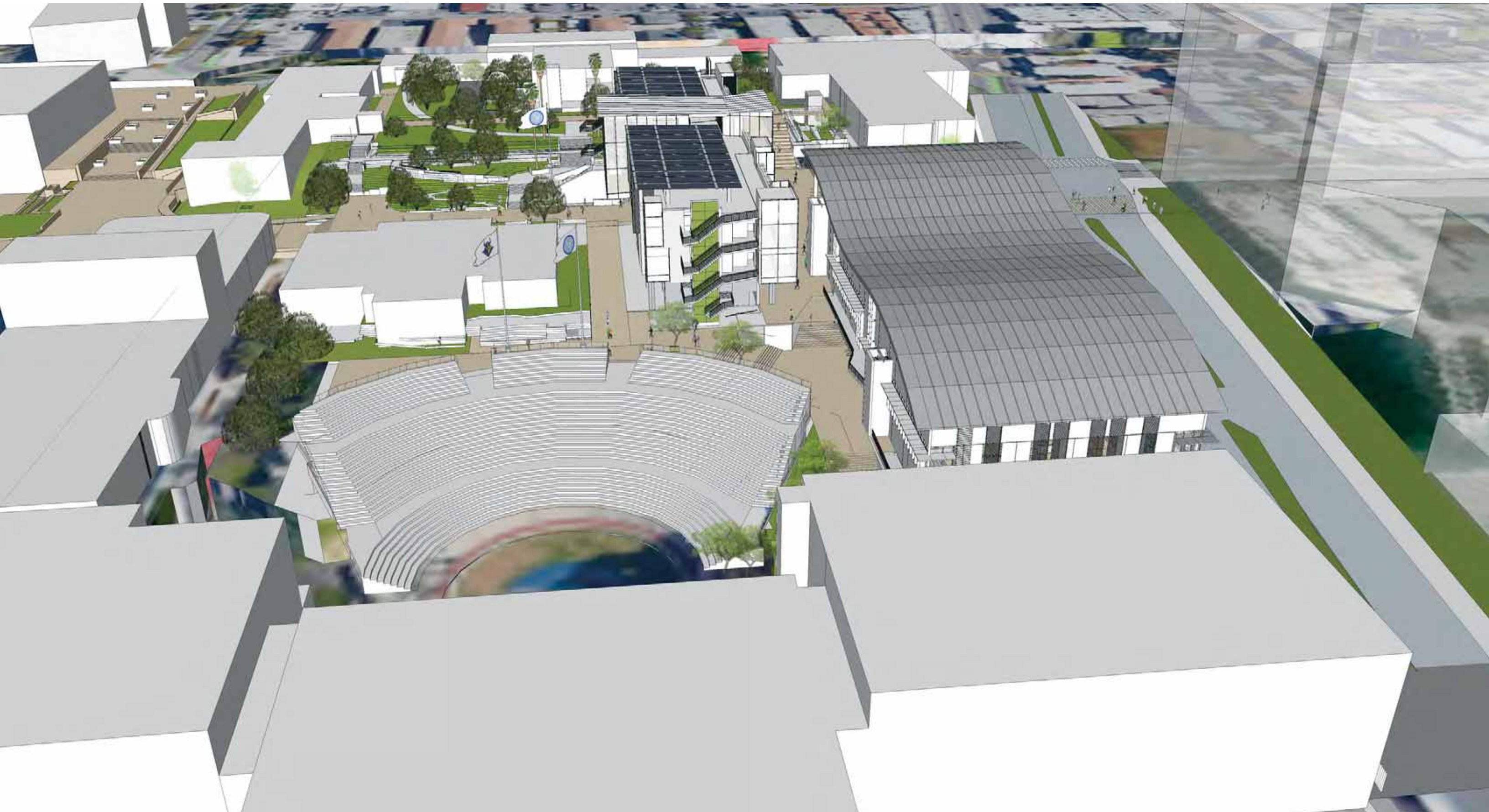






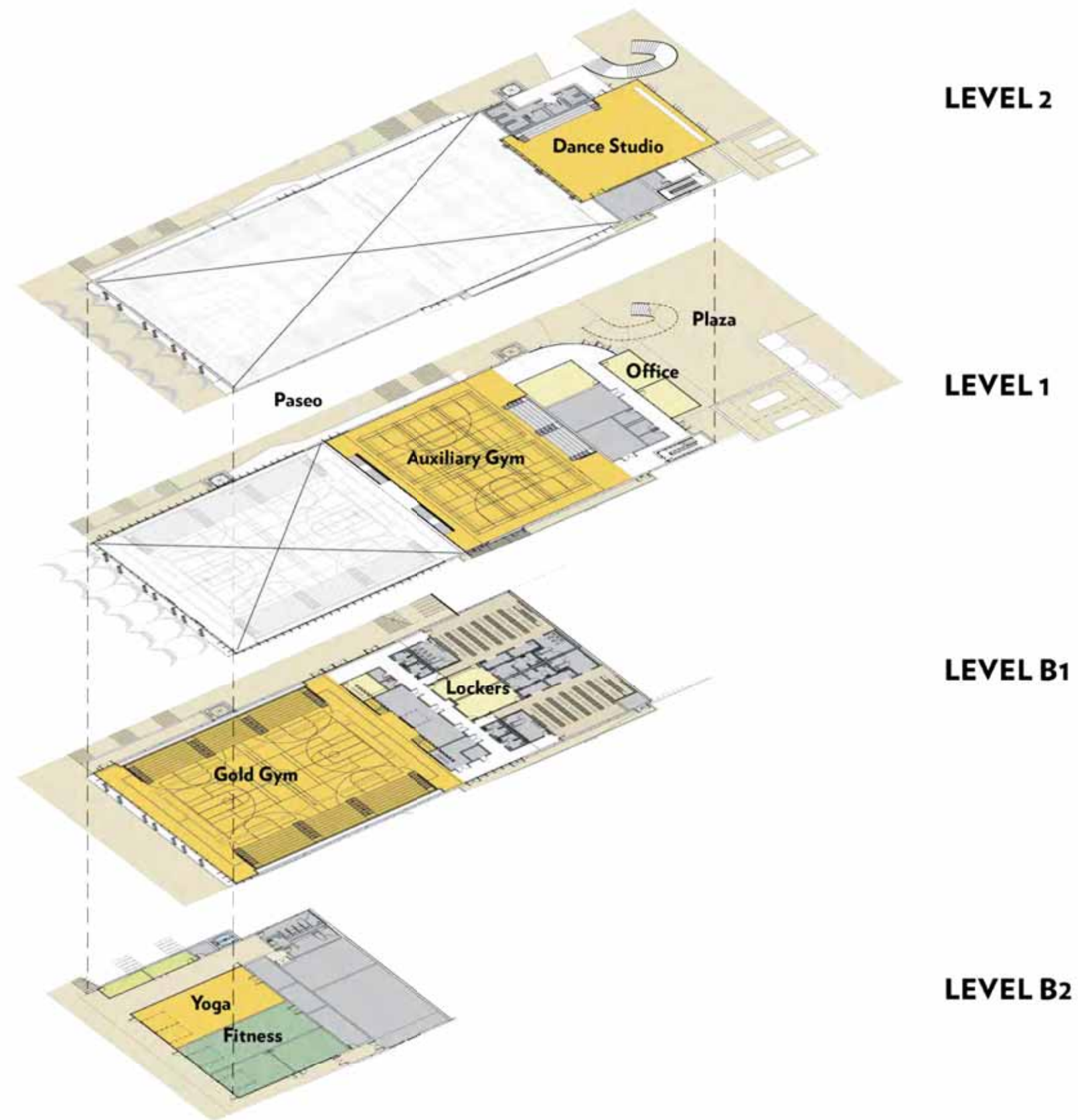




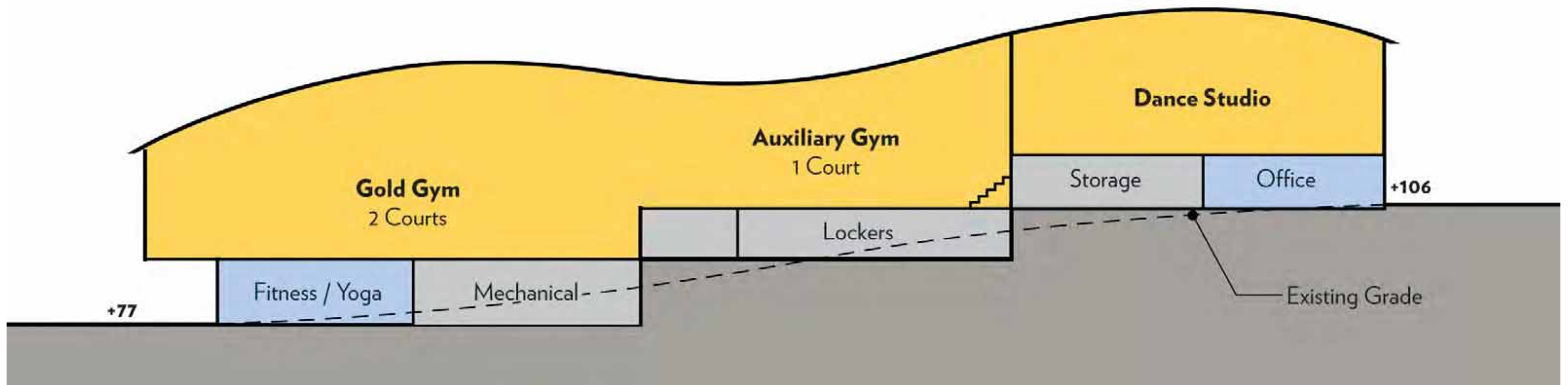




# Gym - Stacking Diagram



# Gym - Section





# Site Plan - Phase 3



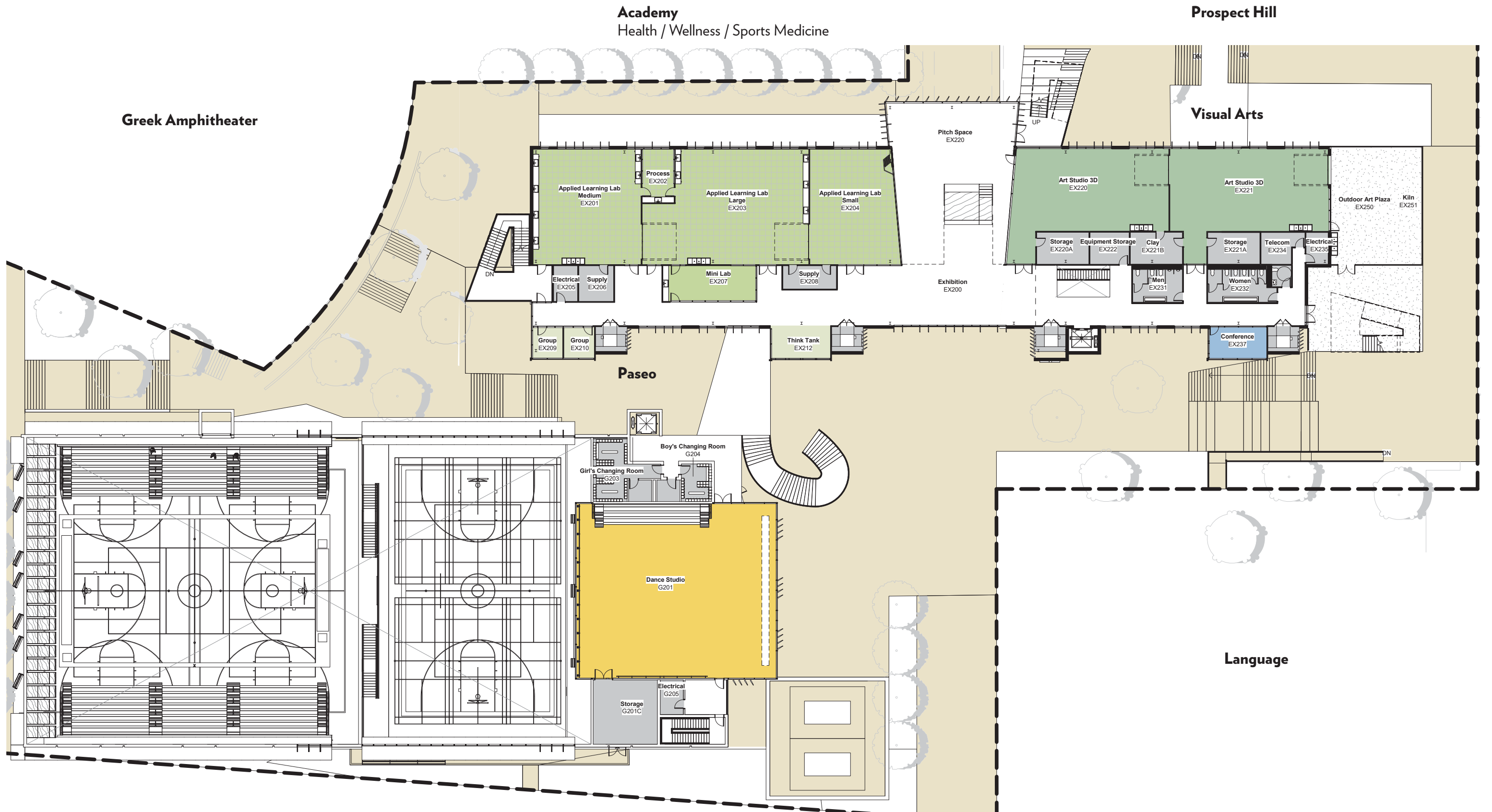
# Gym - Level 1



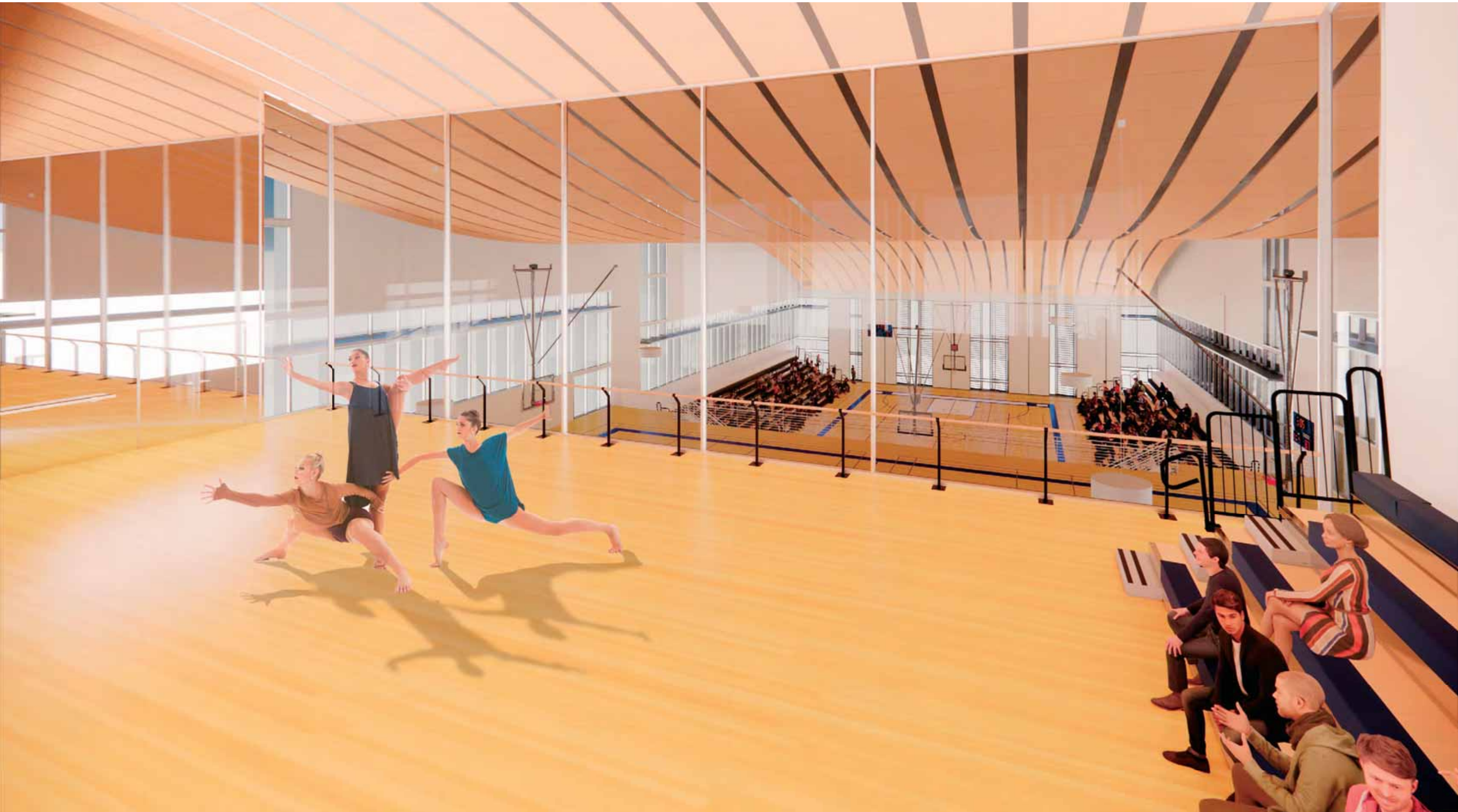
# Auxiliary Gym



# Gym - Level 2



# Dance Studio

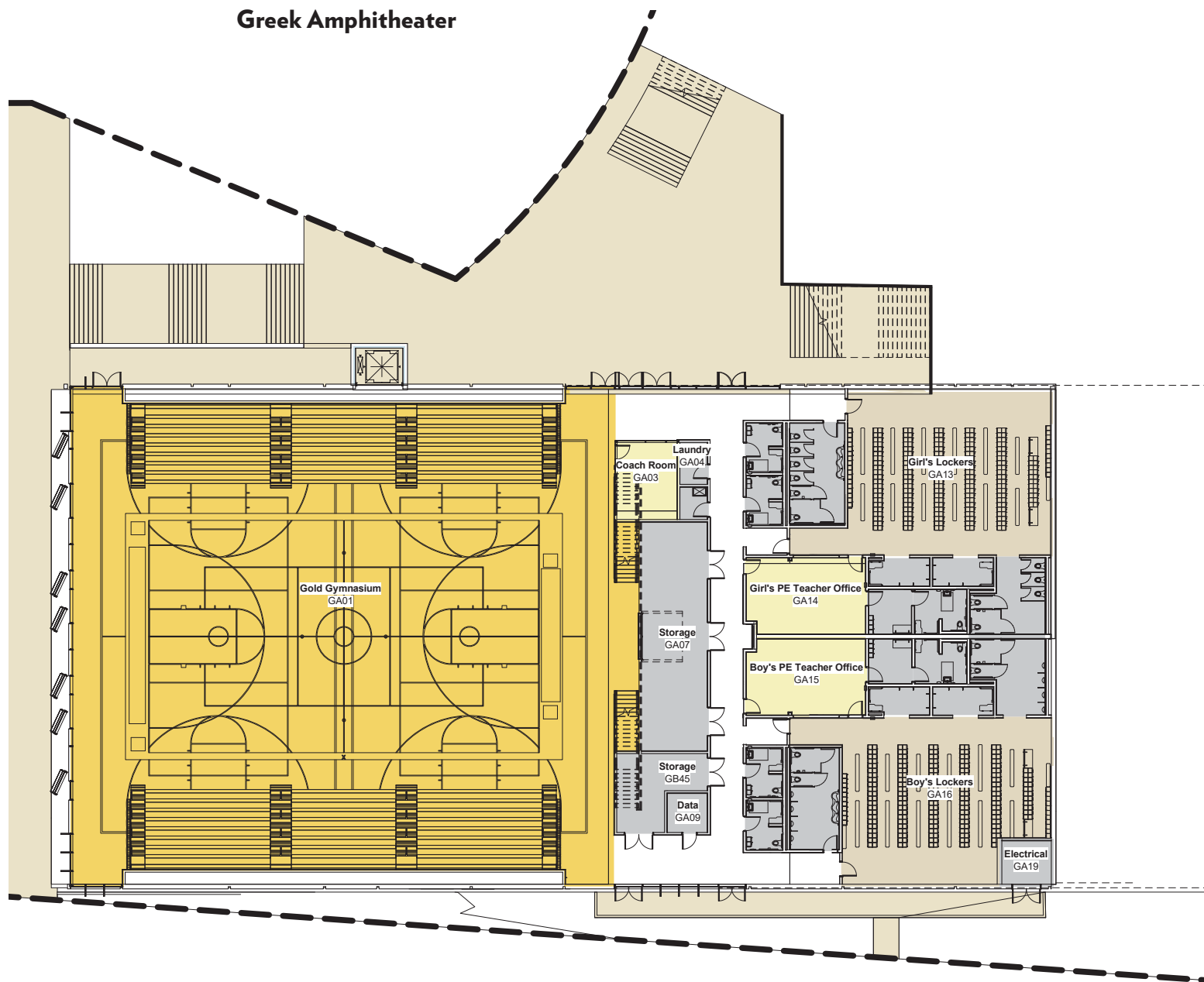


# Gym - Section



# Gym - Level B1

Greek Amphitheater





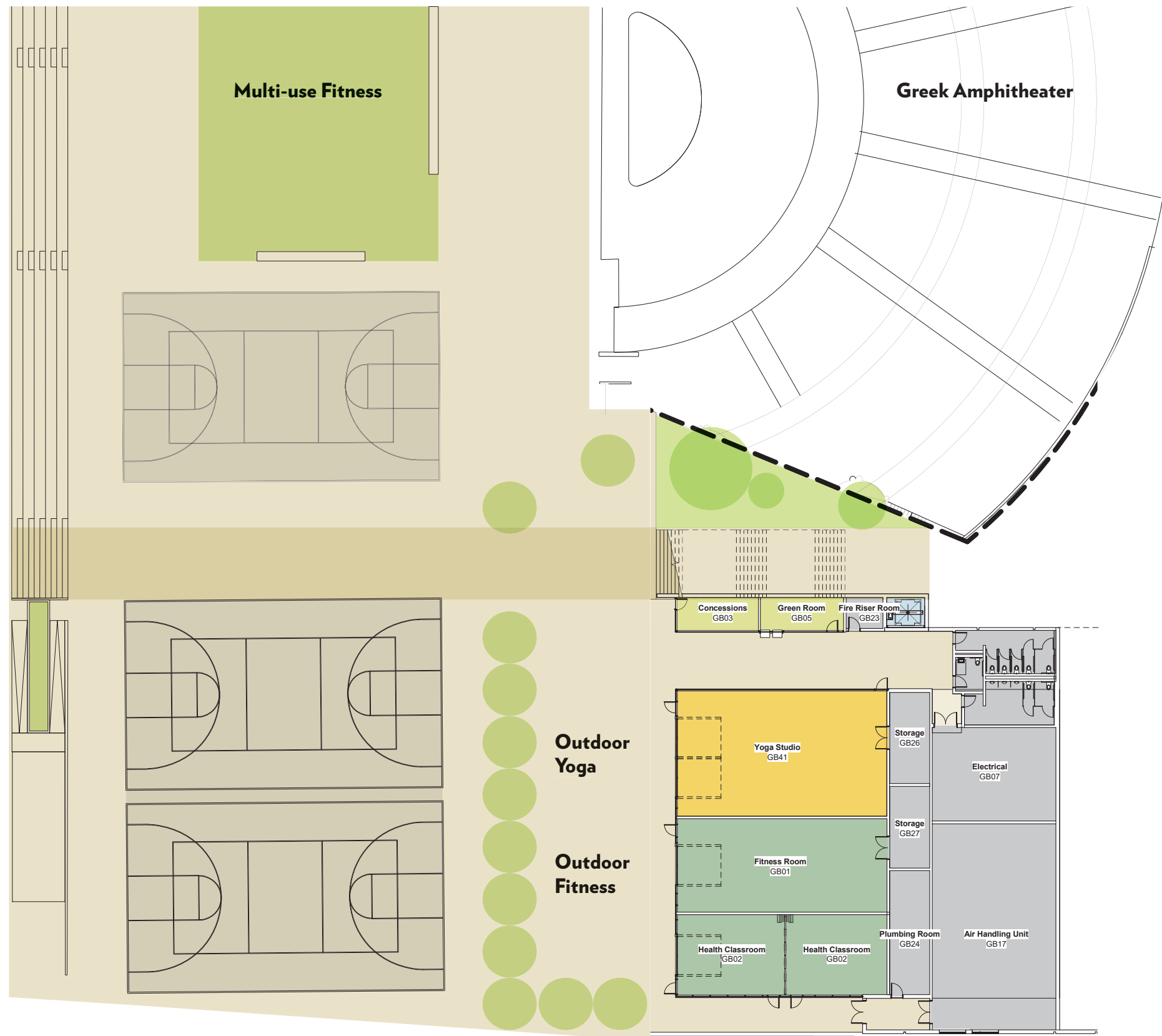




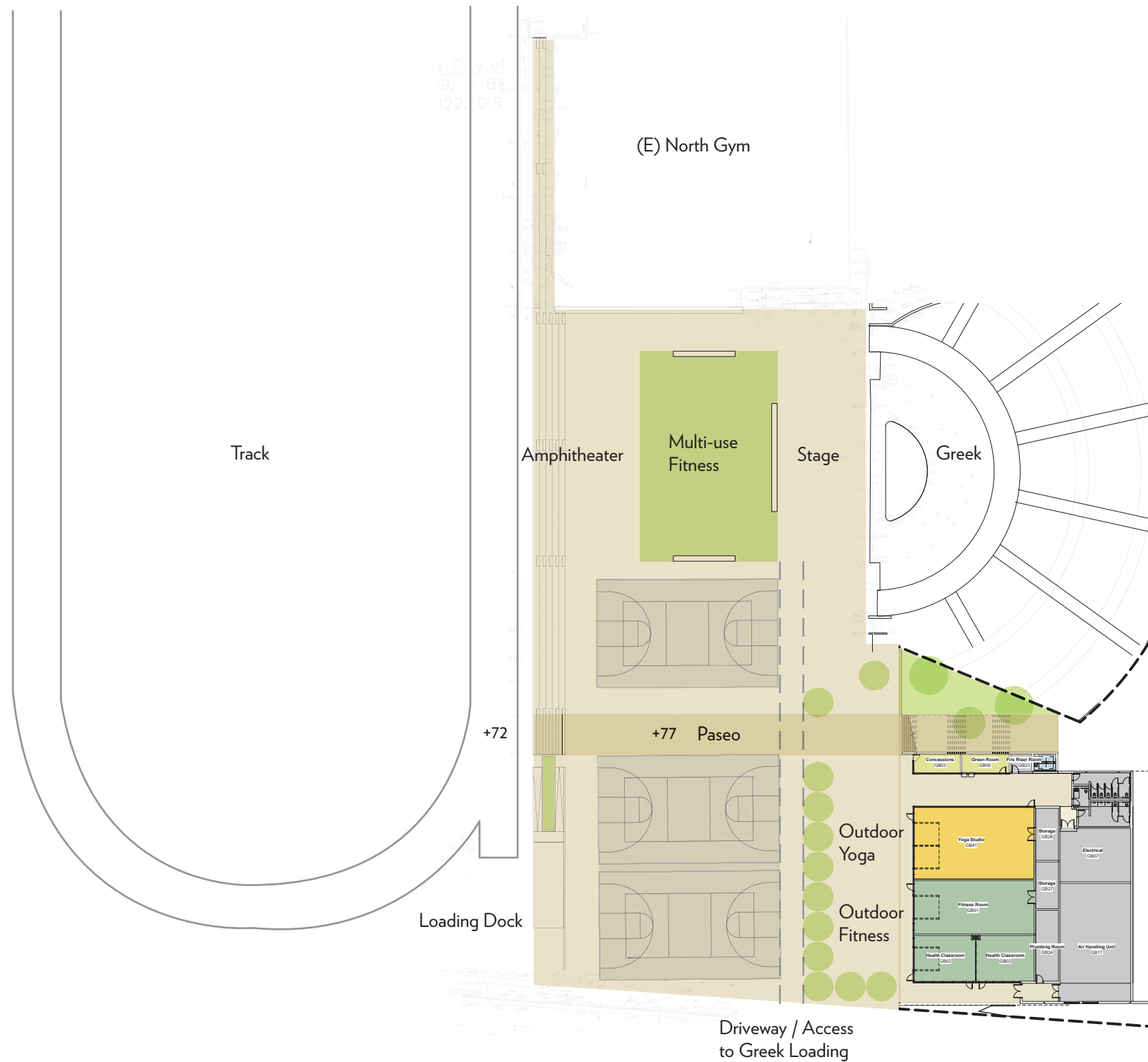




# Gym - Level B2



# P.E. / Athletics Multi-use Outdoor Fitness



# Gym - Exterior



# Gym - Exterior



# Gym - Exterior

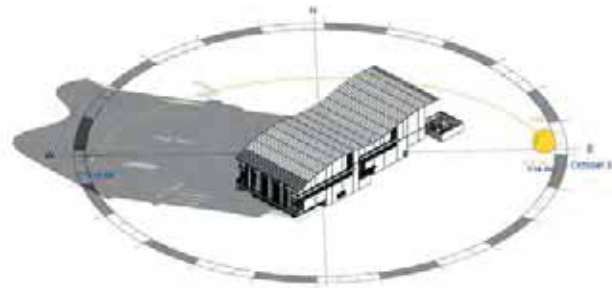




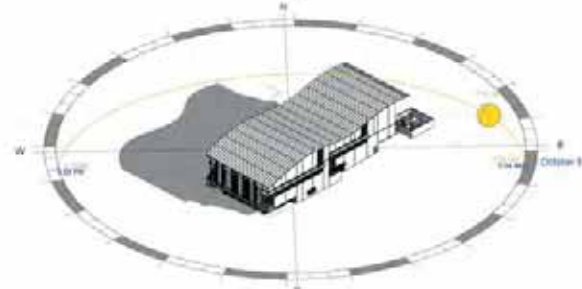
# Gym - Exterior



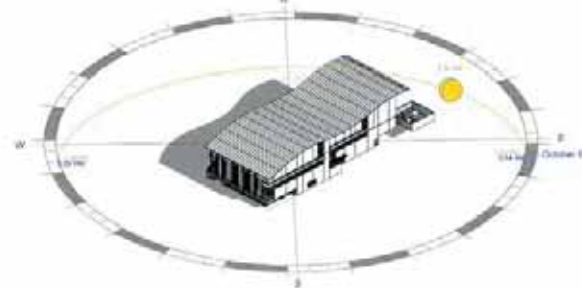
# Gym - Solar Study (October)



**7 A.M.**



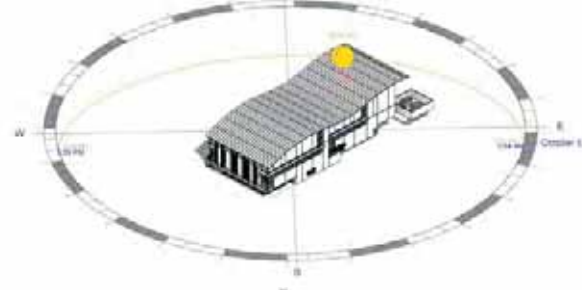
**8 A.M.**



**9 A.M.**



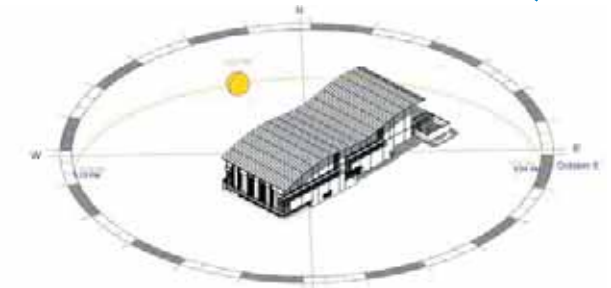
**10 A.M.**



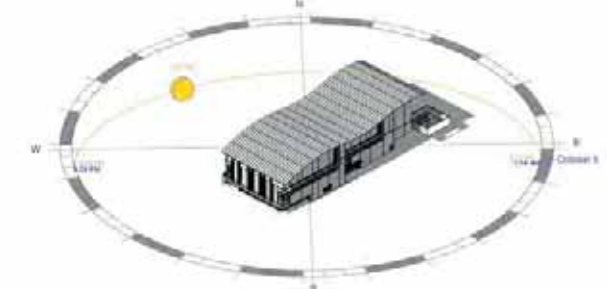
**11 A.M.**



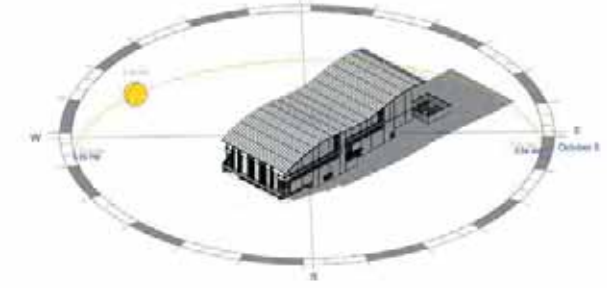
**12 P.M.**



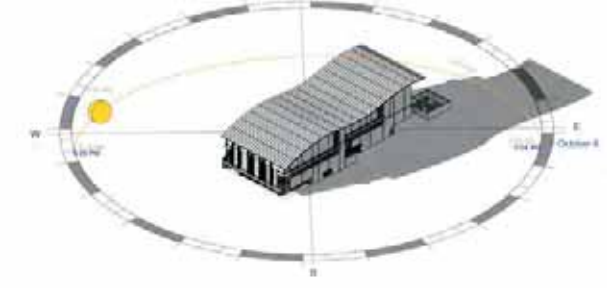
**1 P.M.**



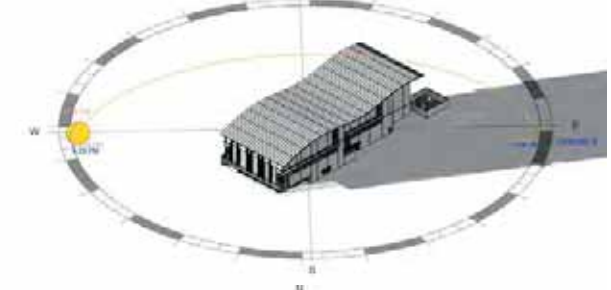
**2 P.M.**



**3 P.M.**



**4 P.M.**



**5 P.M.**

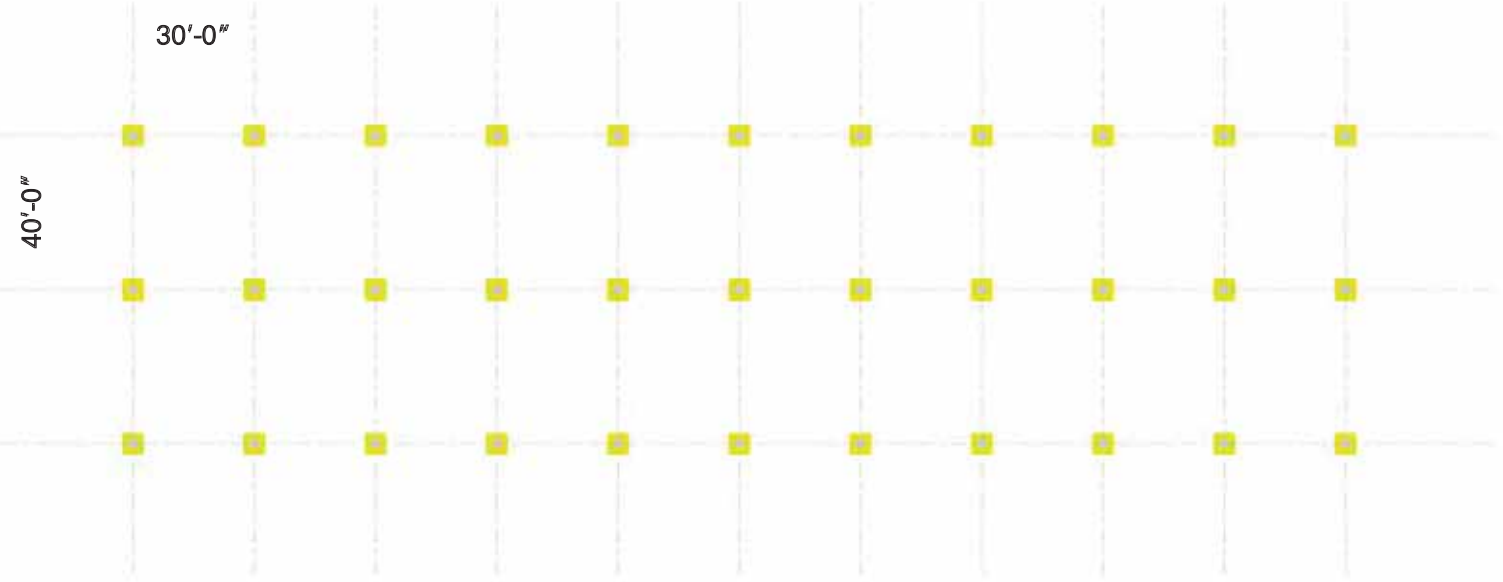


**6 P.M.**

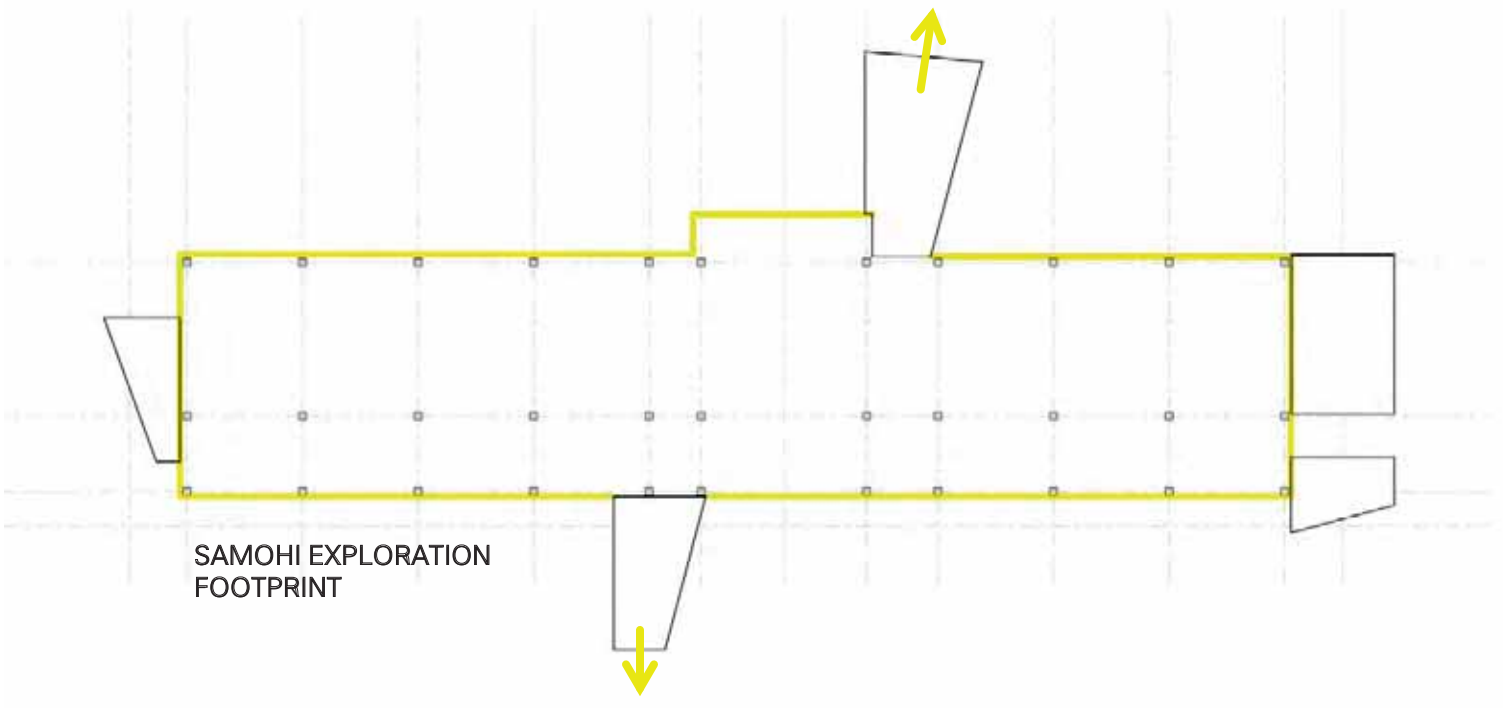
# Exploration & Visual Arts



# Open Building Components

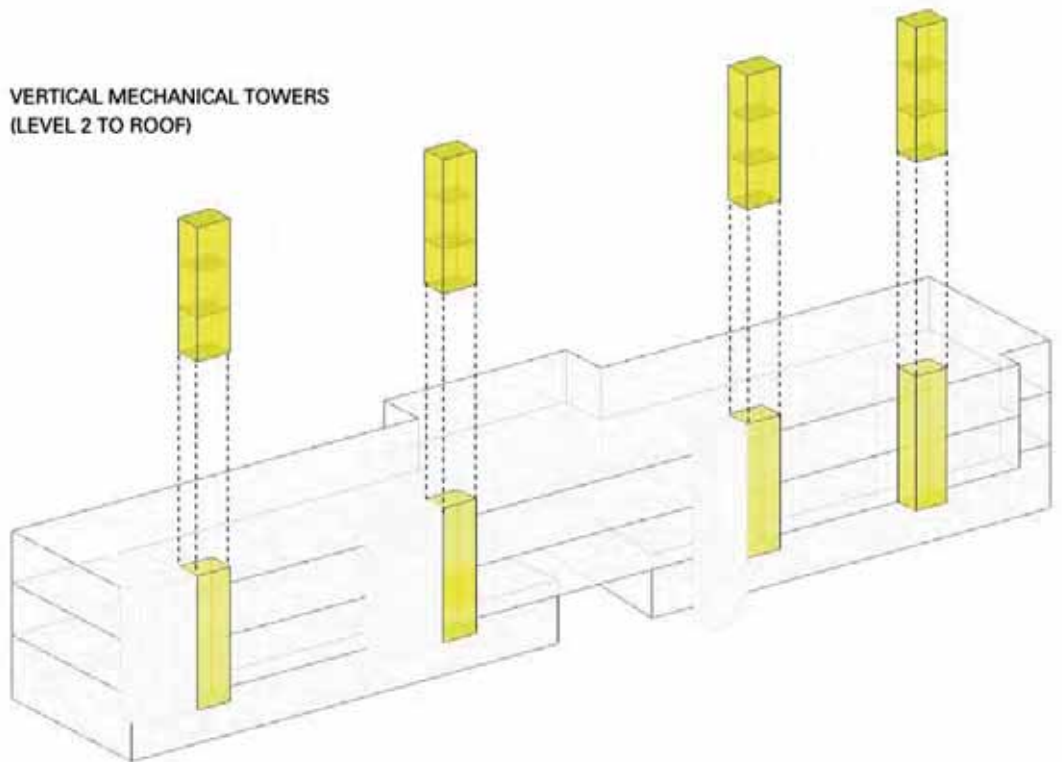


Flexible Column Grid

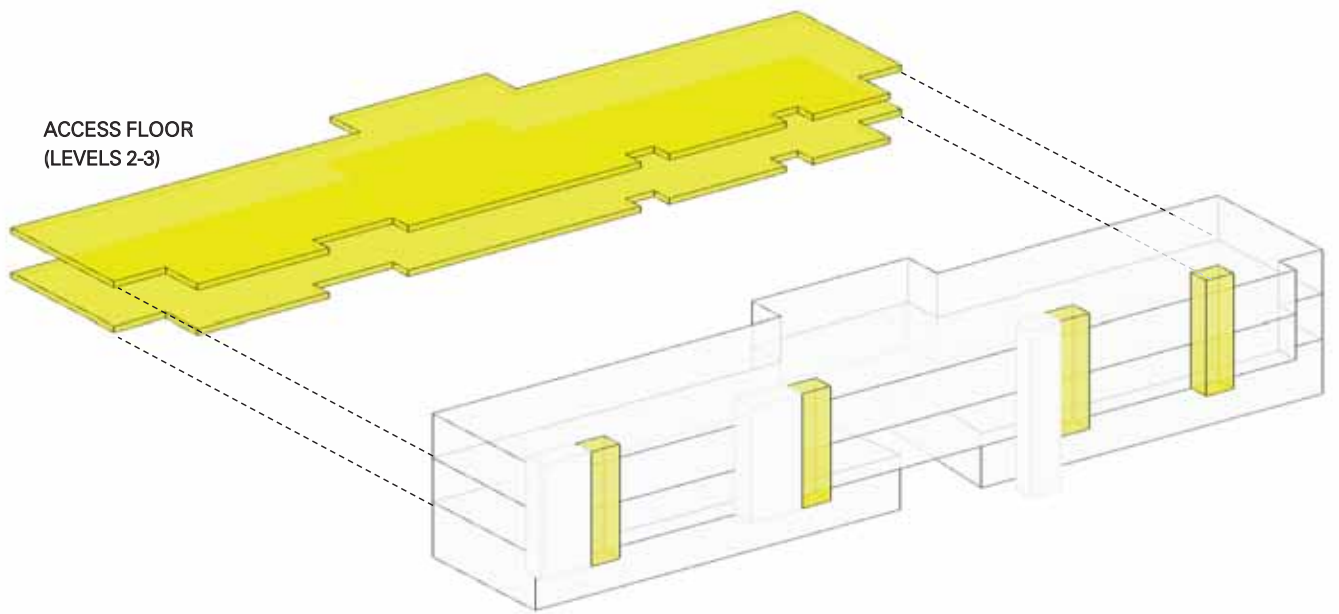


Defining a Versatile Footprint

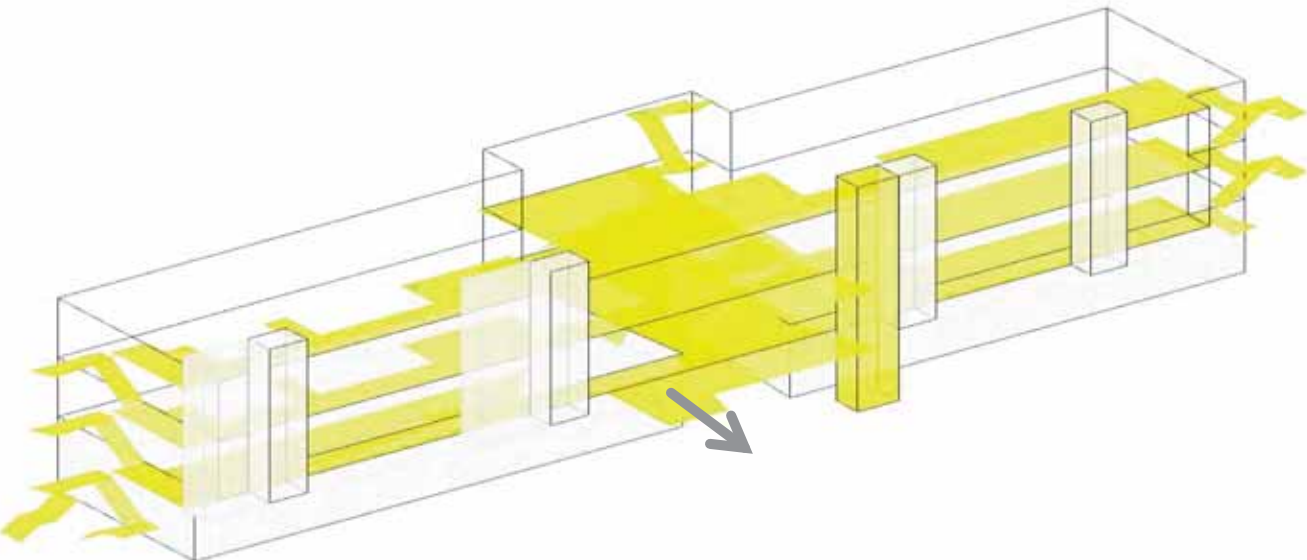
# Open Building Components



Strategic Shell and Core Moves

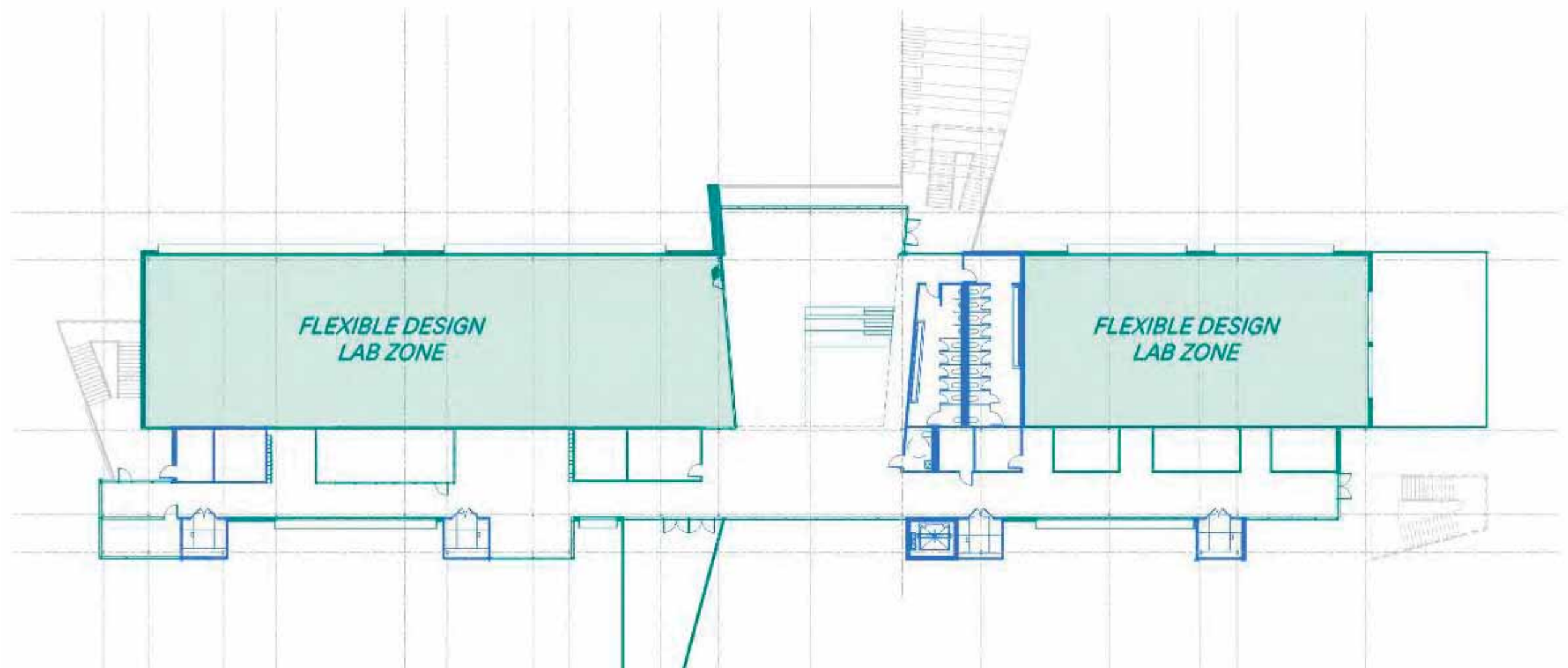


User Friendly Utility and Access

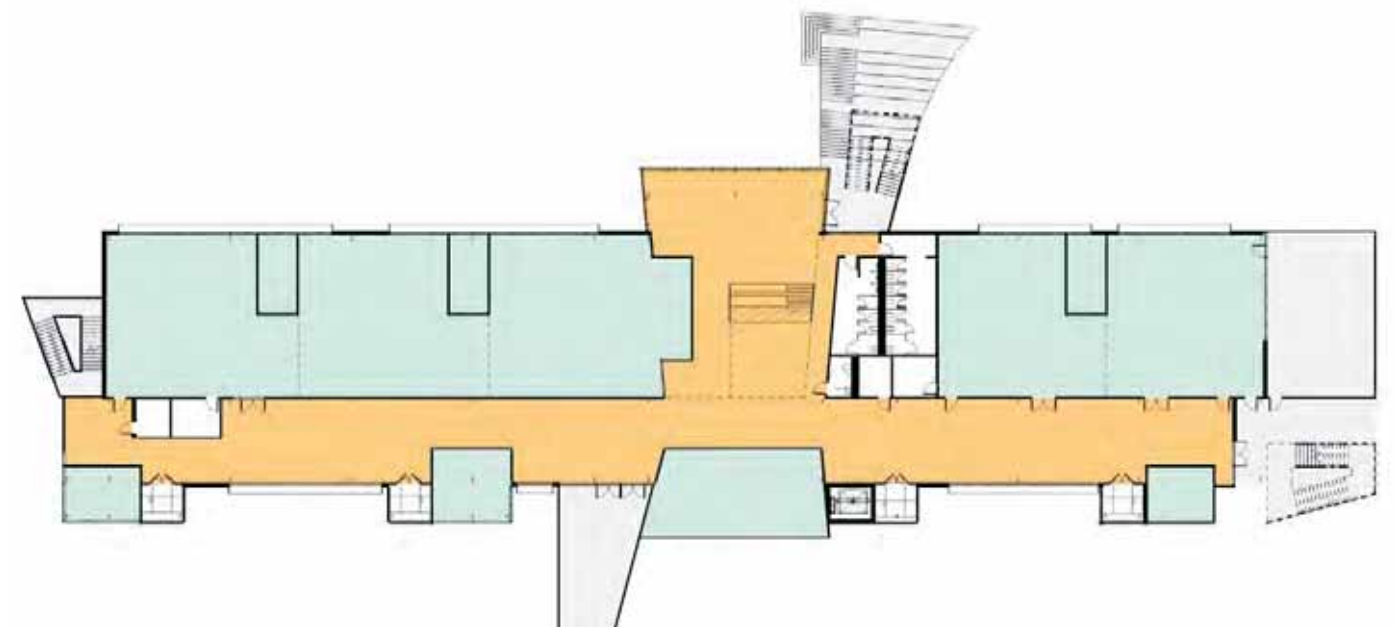
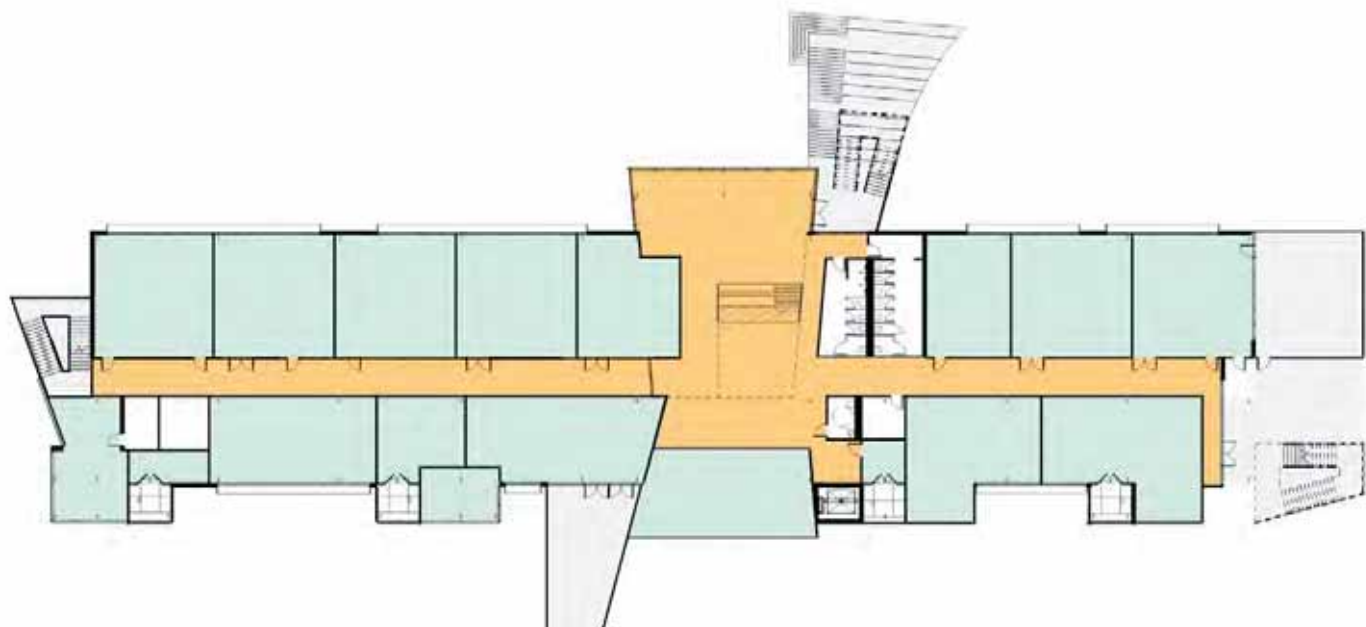
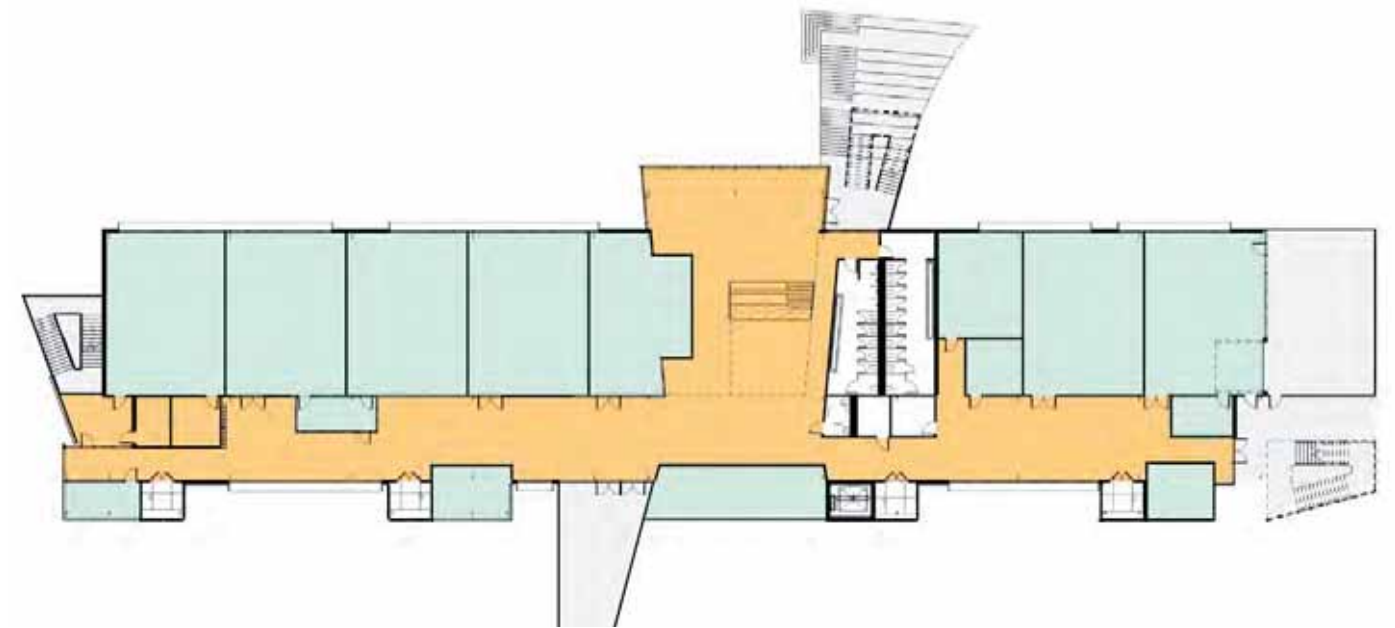
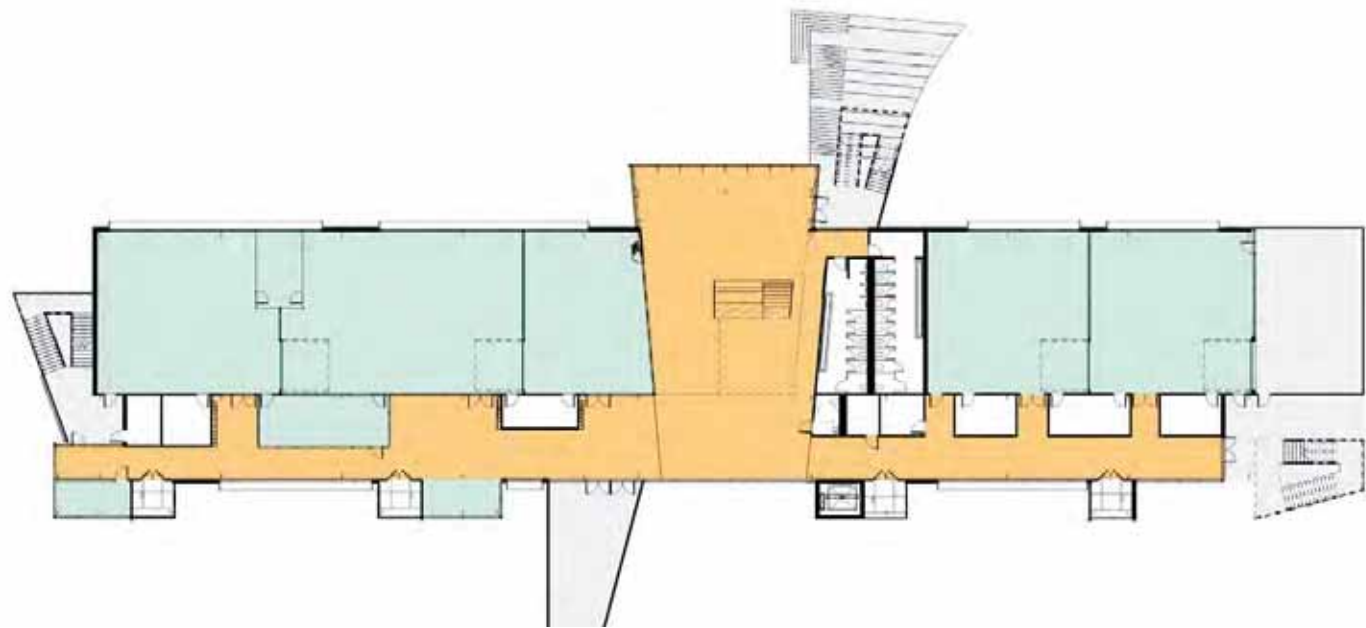


Flexible Circulation System

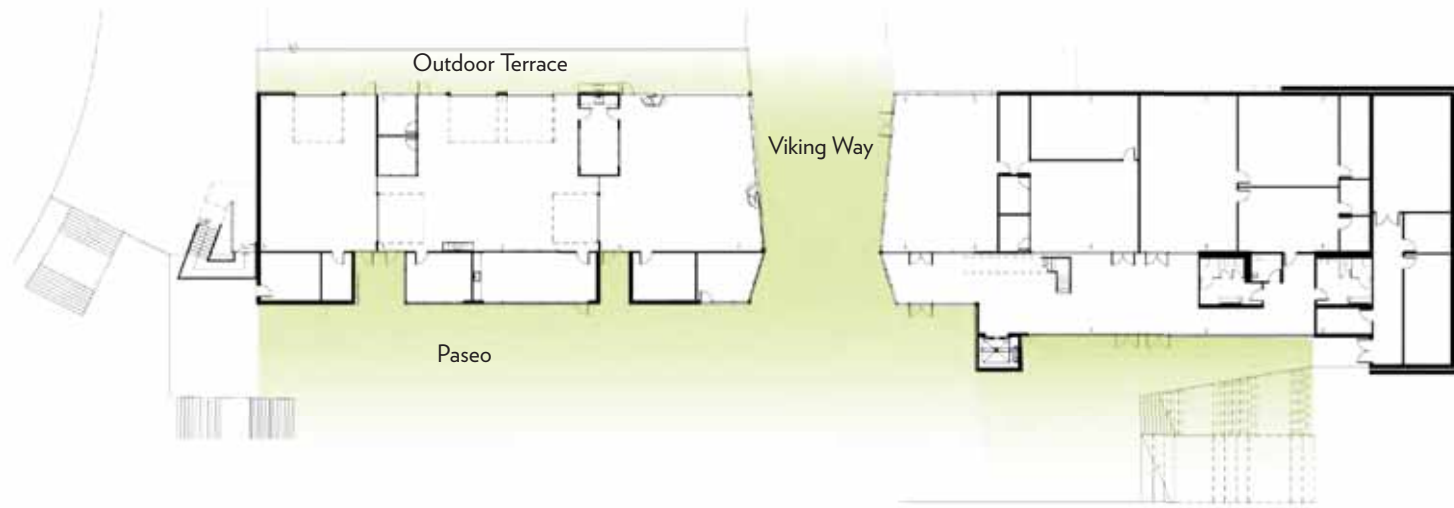
# Flexible Planning



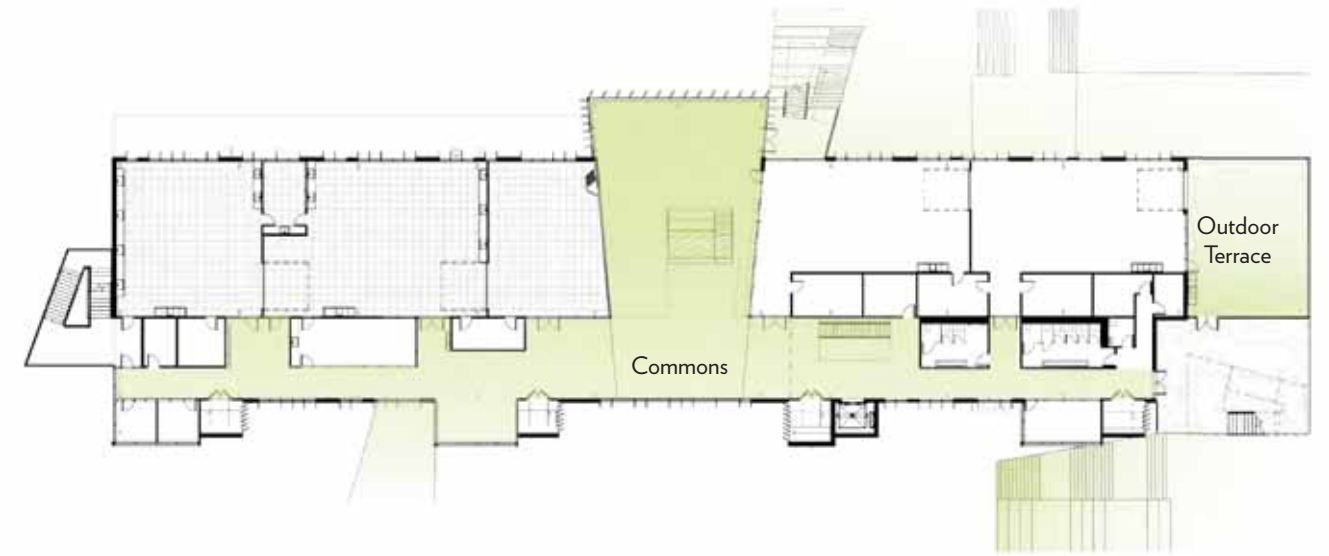
# Flexible Planning



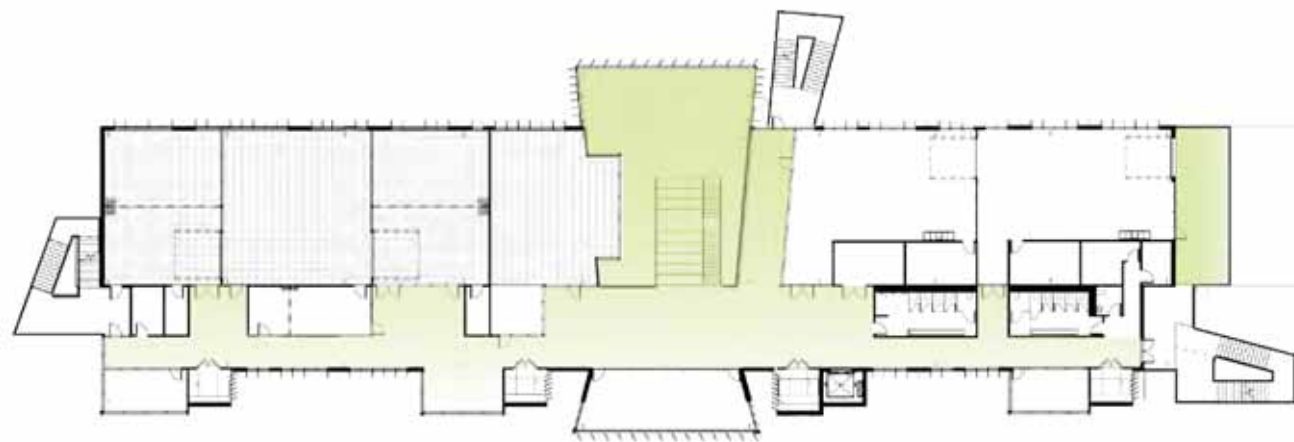
# Public/Outdoor Learning Spaces



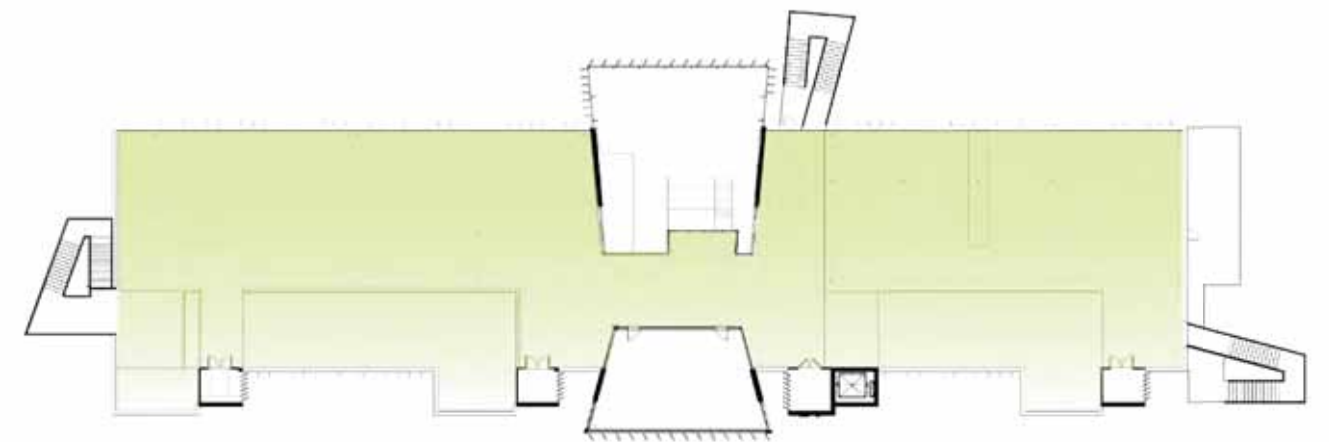
Level 1



Level 2



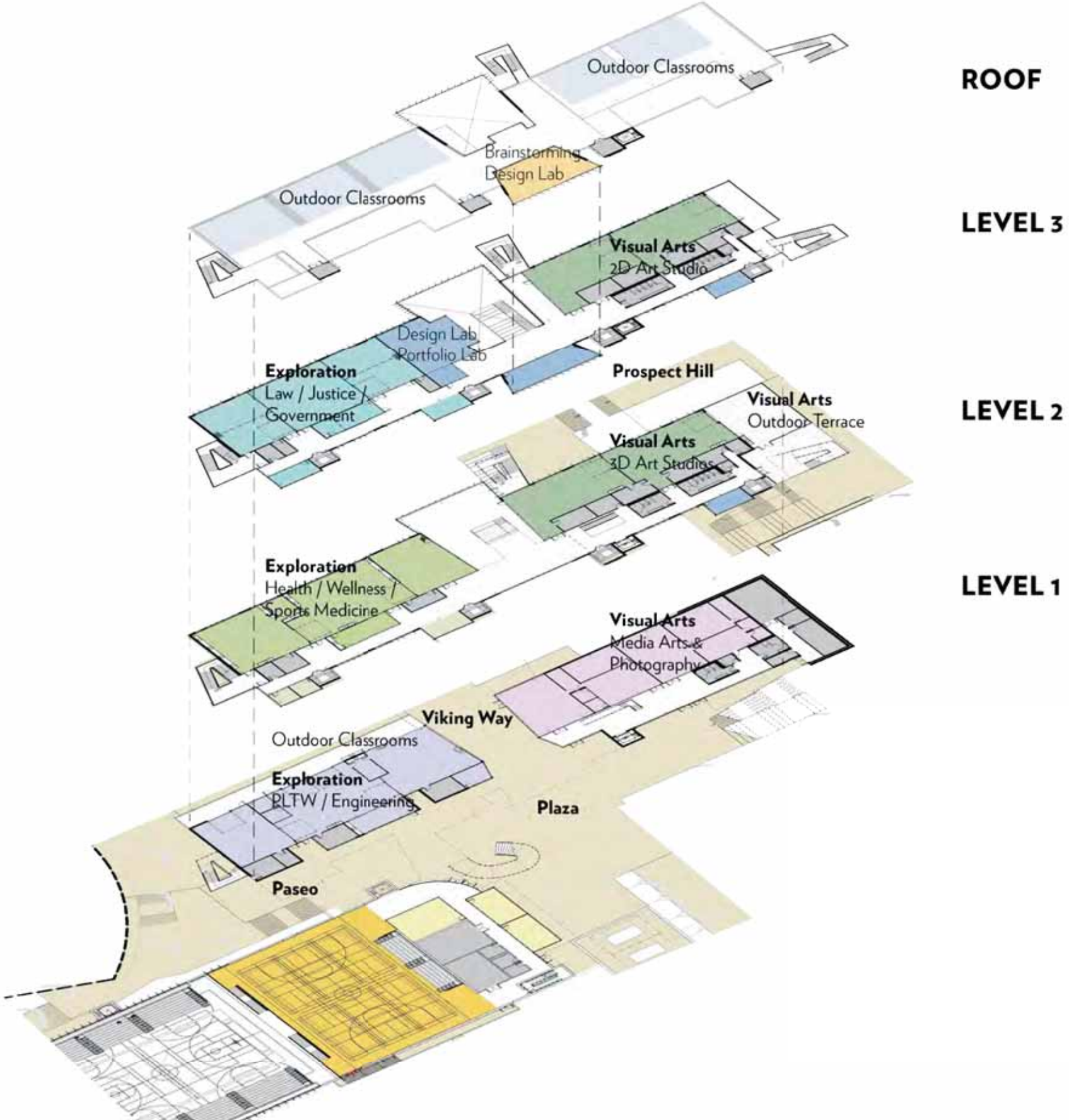
Level 3



Roof



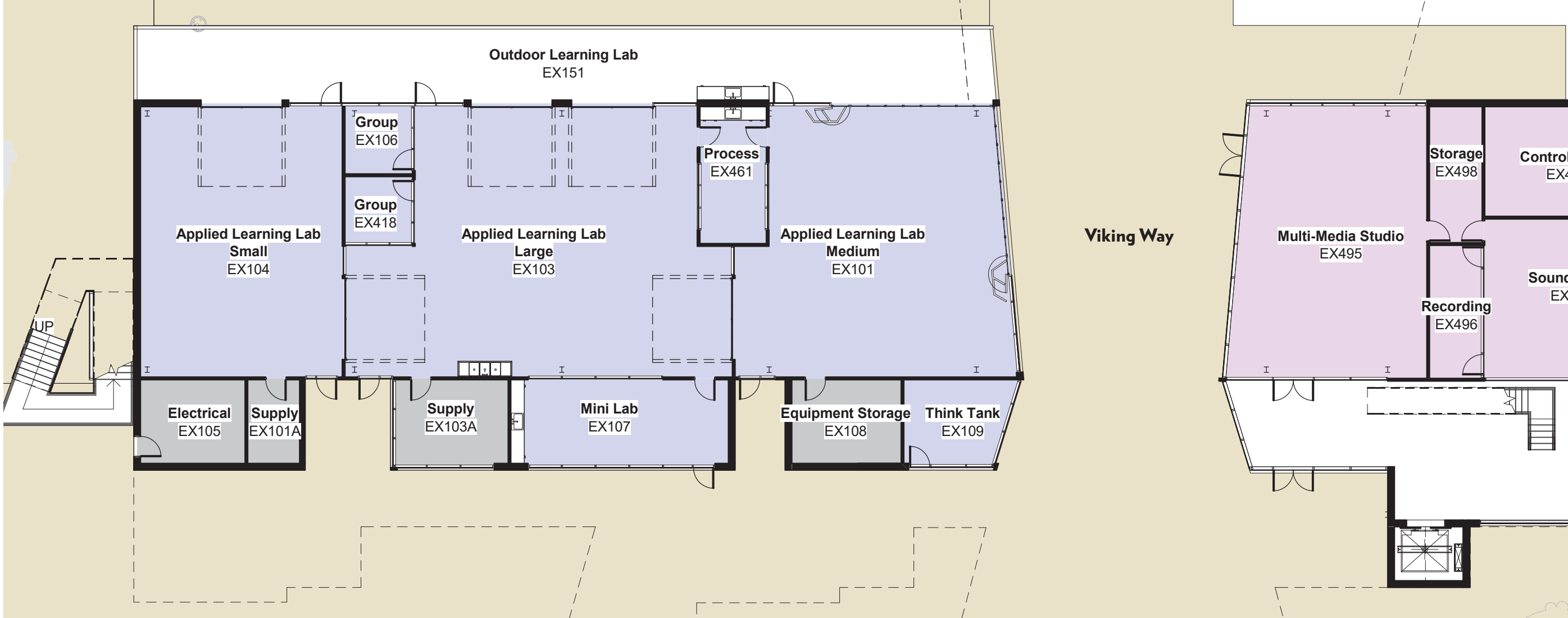
# Exploration & Visual Arts - Stacking Diagram



# Exploration & Visual Arts - Level 1



# Activating Viking Way



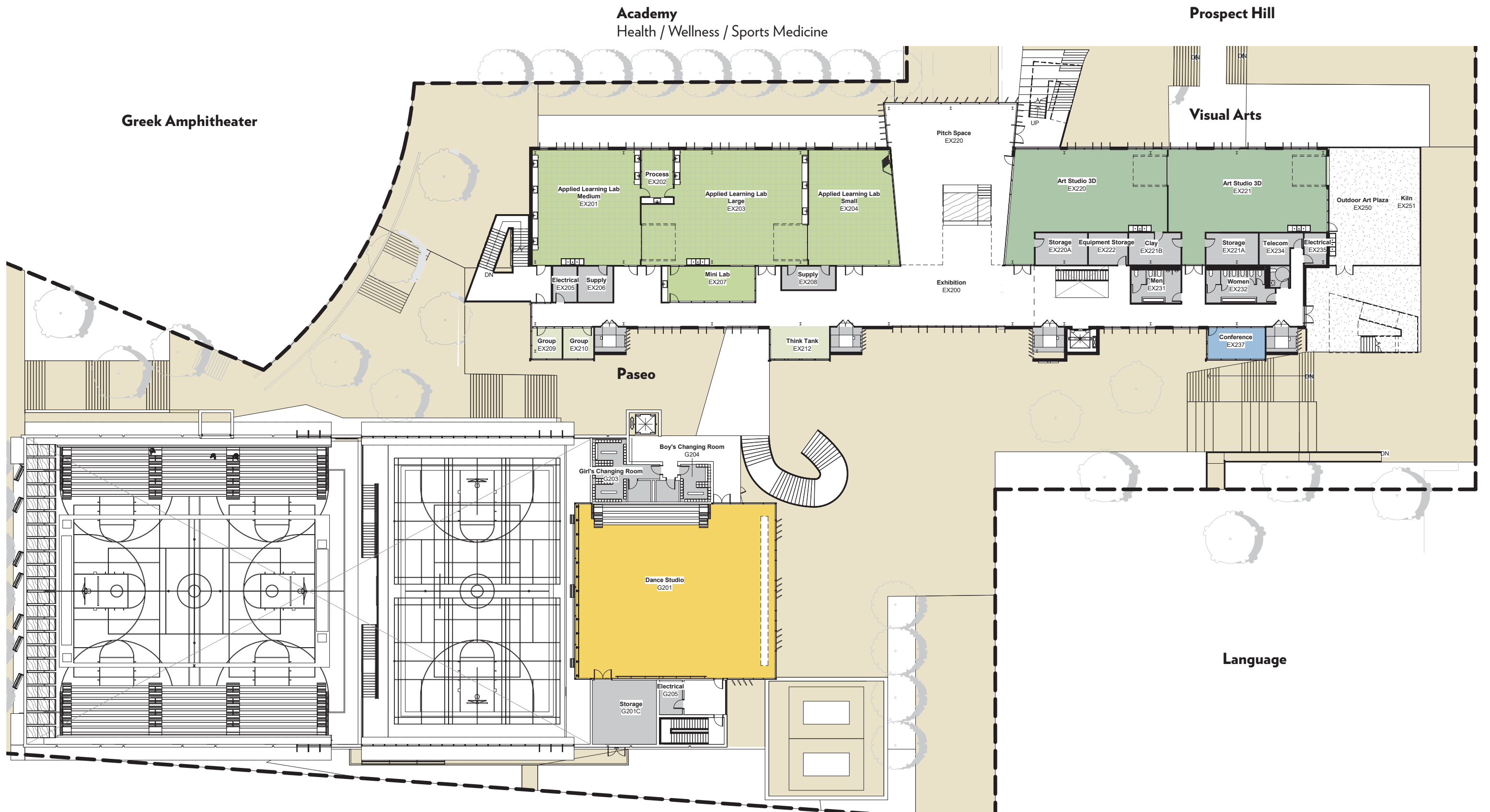
# Exploration & Visual Arts - Outdoor Engineering Lab



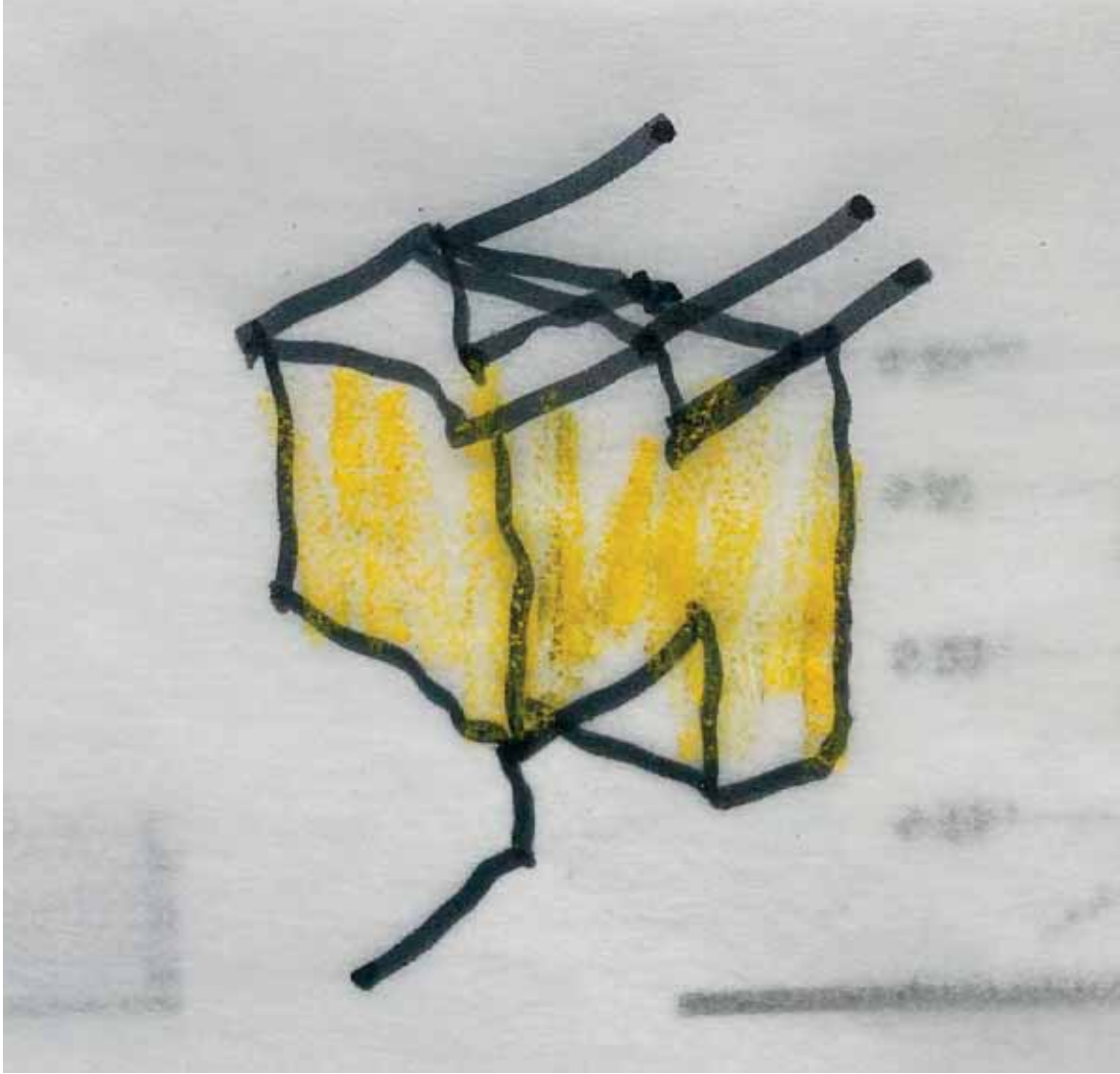
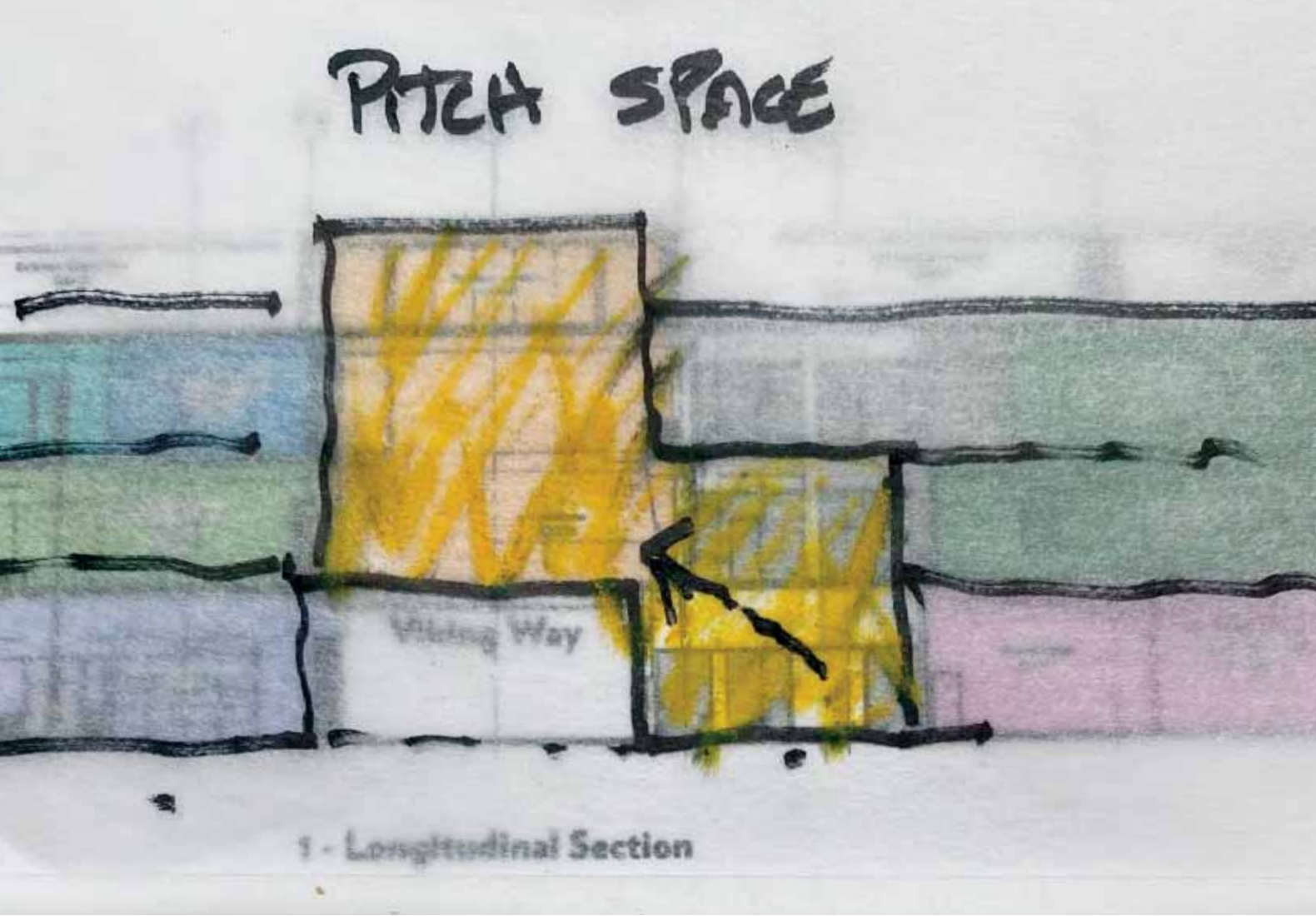
# Exploration & Visual Arts - Engineering Lab



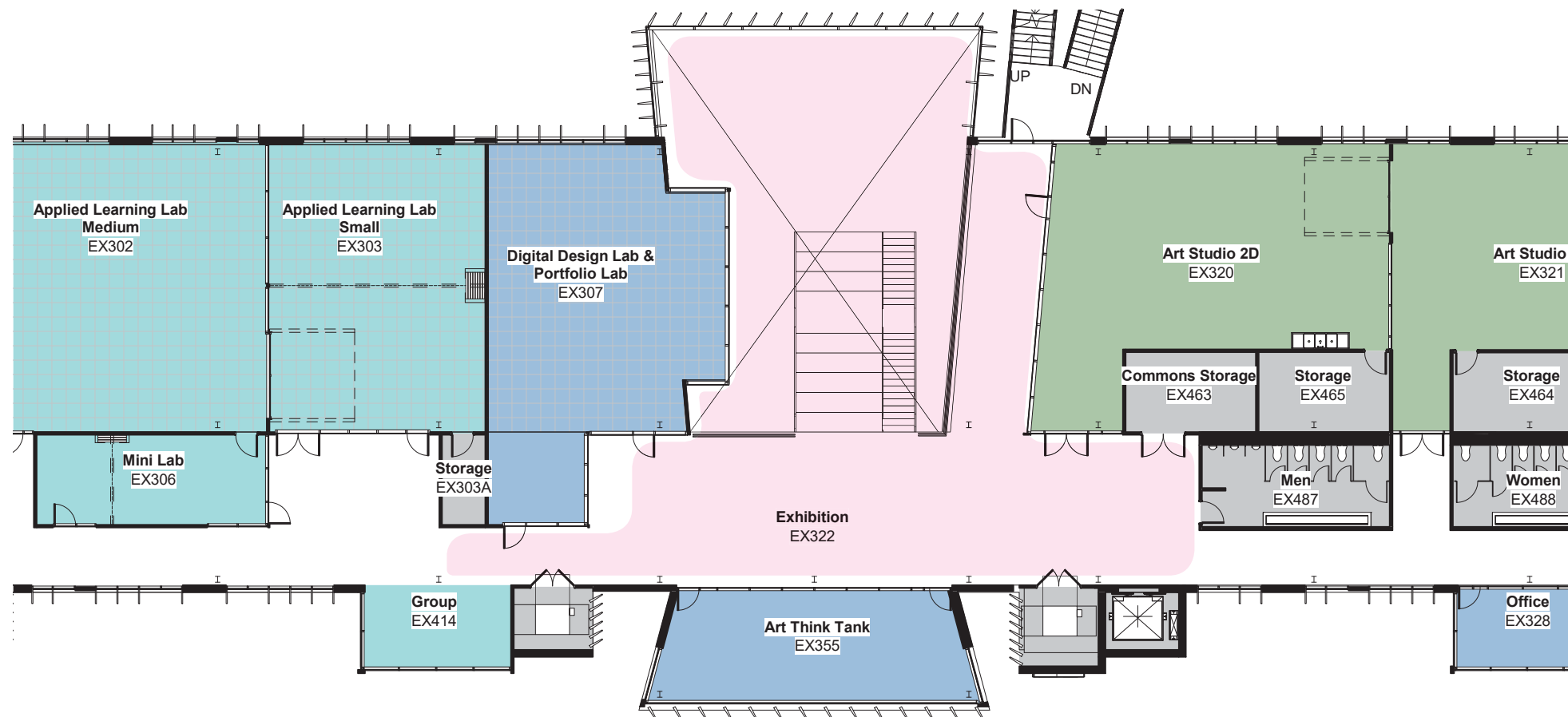
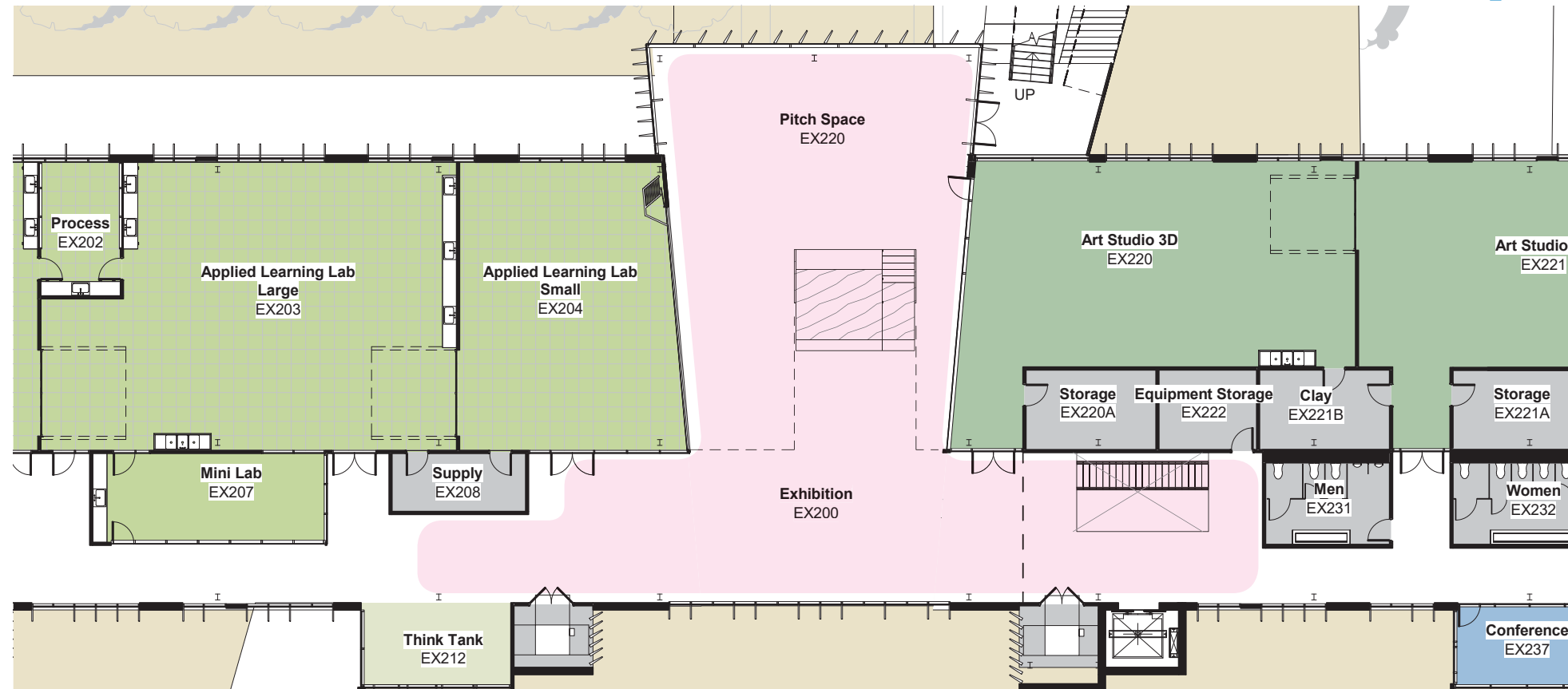
# Exploration & Visual Arts - Level 2



# Exploration & Visual Arts Connection to Pitch Space



# Pitch Space & Commons





# Exploration & Visual Arts - Art Studio



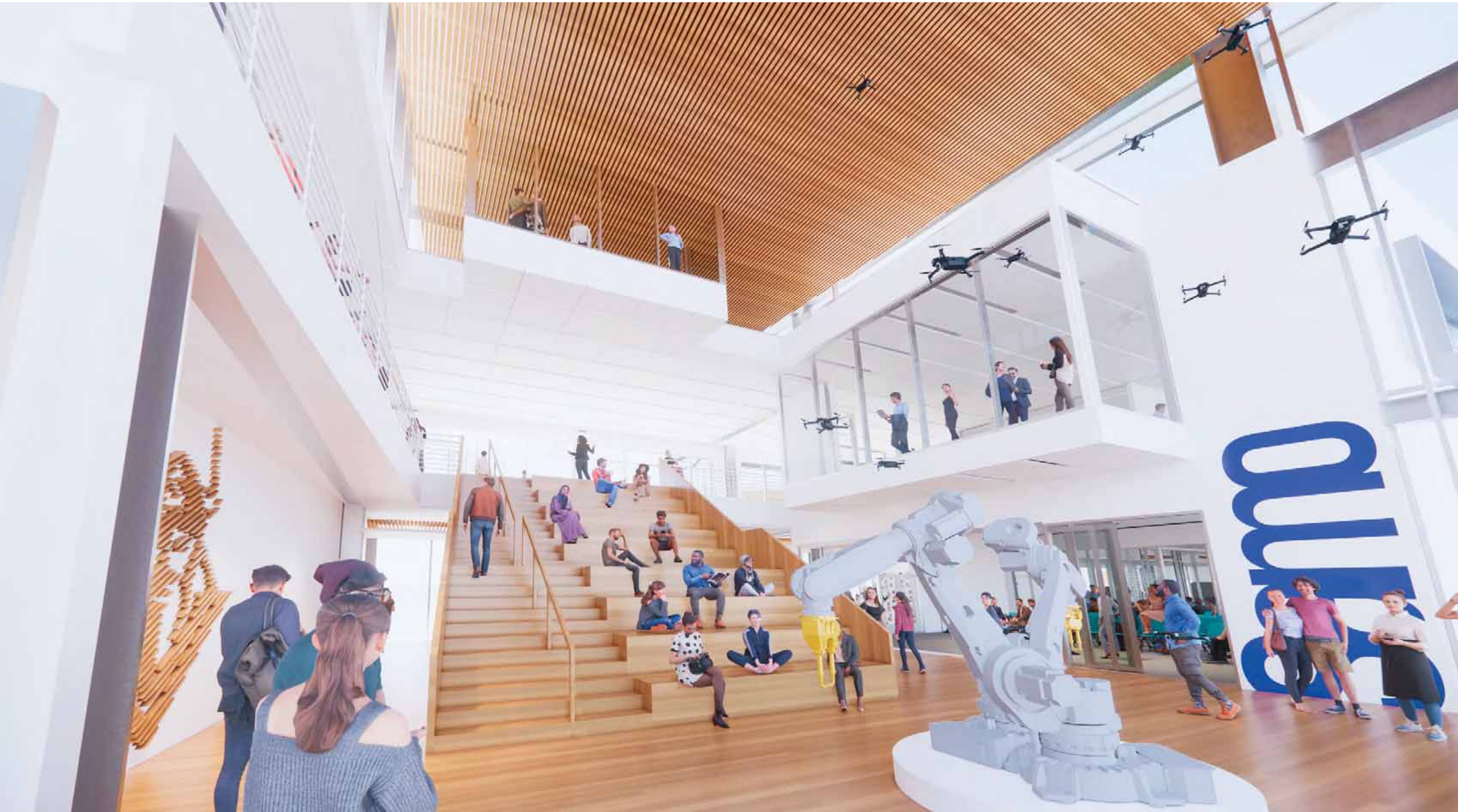
# Exploration & Visual Arts - Art Studio



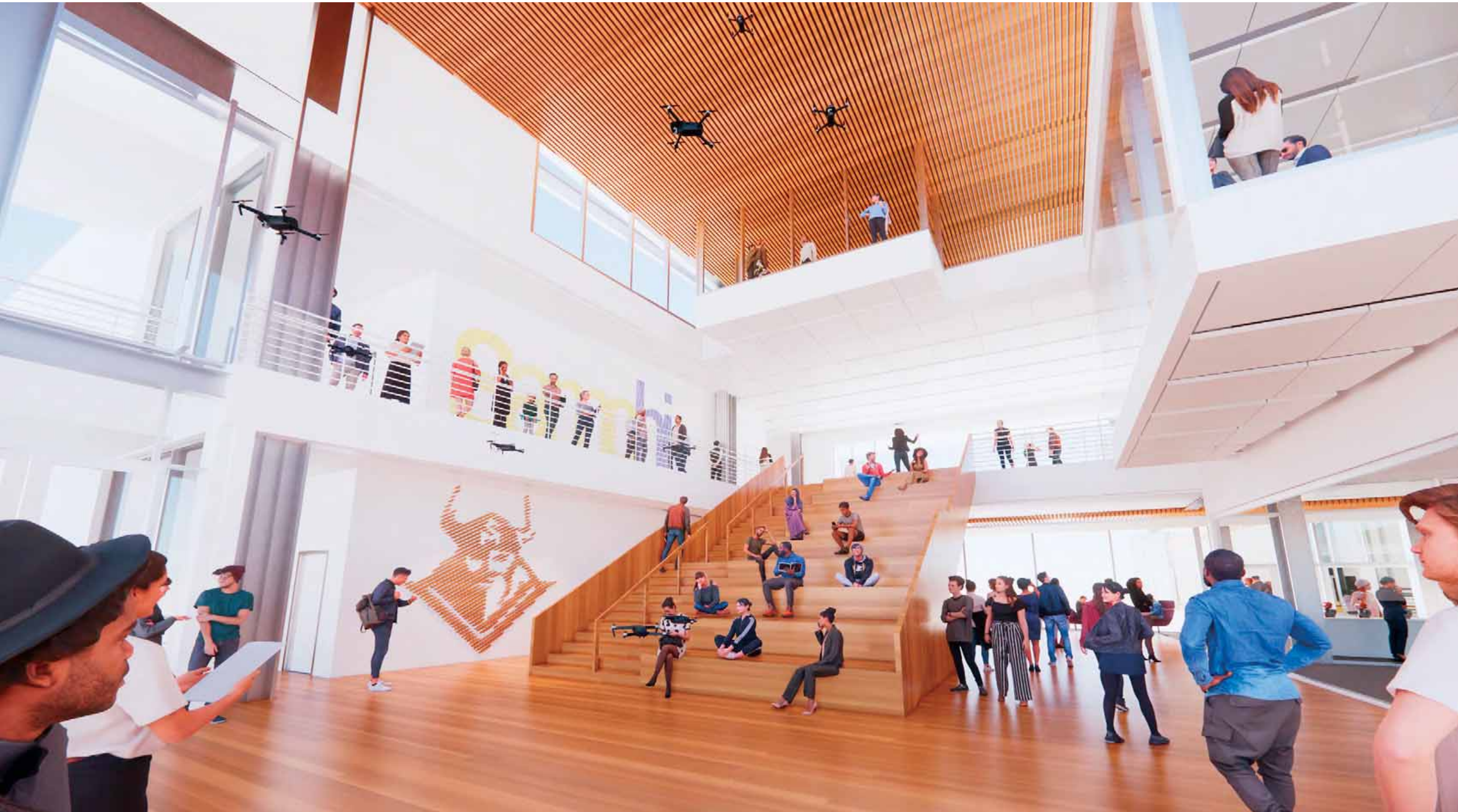
# Exploration & Visual Arts - Commons



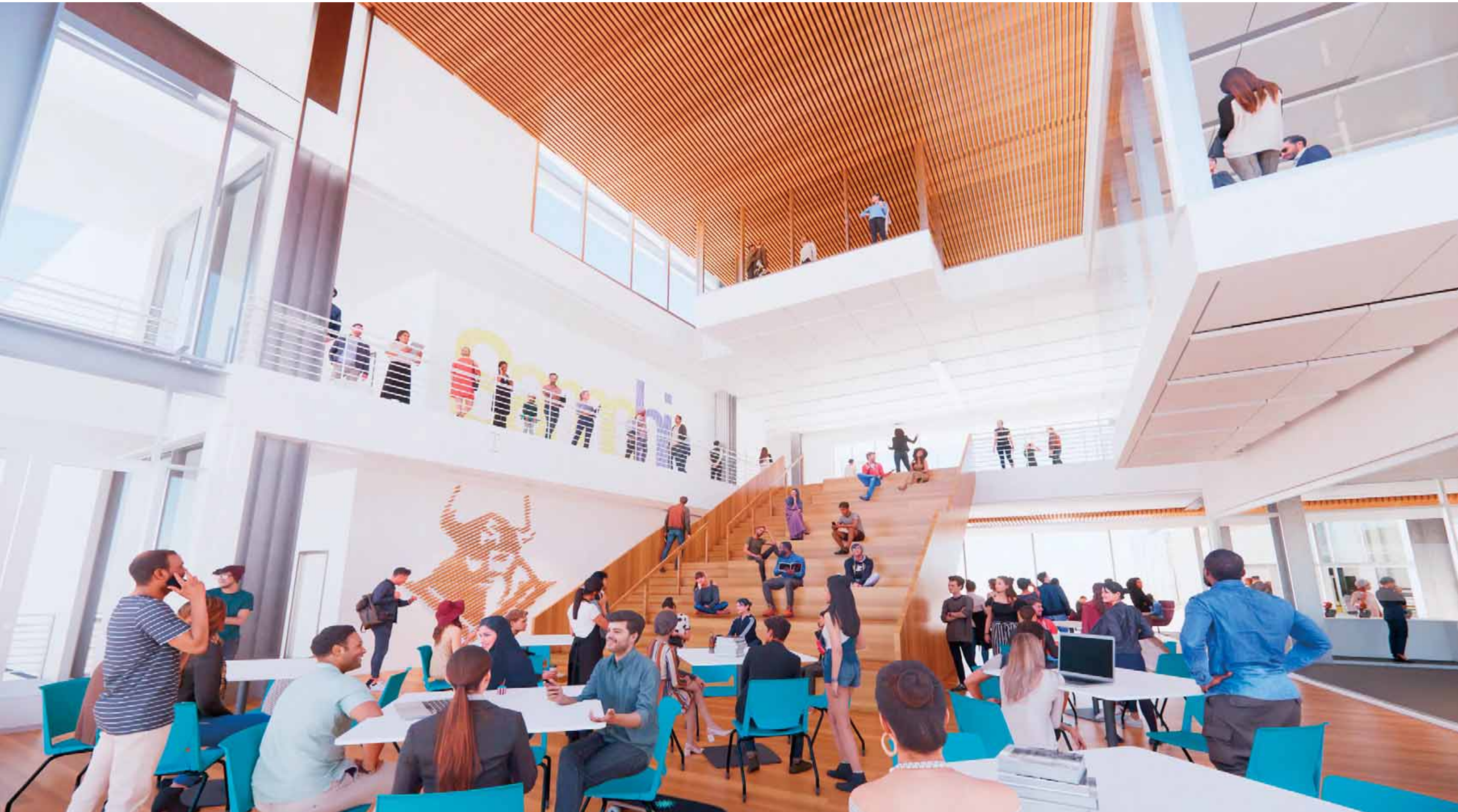
# Exploration & Visual Arts - Atrium / Pitch Space



# Exploration & Visual Arts - Atrium / Pitch Space Event Use



# Exploration & Visual Arts - Atrium / Pitch Space



# Exploration & Visual Arts - Atrium / Pitch Space

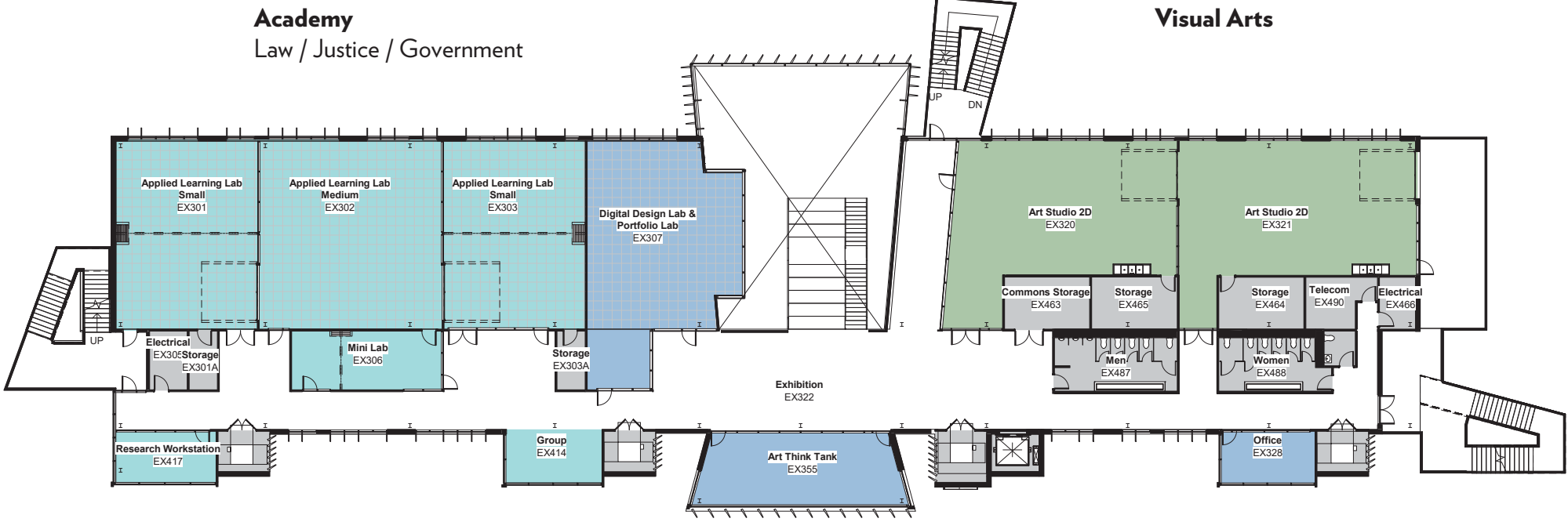


# Exploration & Visual Arts - Atrium / Pitch Space Event Use





# Exploration & Visual Arts - Level 3



# Exploration & Visual Arts - Art Studio



# Exploration & Visual Arts - Section



Section through Pitch Space

# Exploration & Visual Arts - Section



Section through Learning Lab

# Exploration & Visual Arts - Section



Section through Learning Lab



# Exploration & Visual Arts - Outdoor Classrooms



## A Health & Wellness

- Optimizes daylight, views and outdoor connection
- Maximizes north & south fenestration with east-west orientation
- Promotes increased activity and social interaction
- Maximizes outdoor circulation and minimizes climate controlled interior spaces

## B Living Wall & Roof Garden

- Absorbs solar radiation and reduces cooling loads
- Creates natural habitat and aesthetically enhances building
- Adds passive cooling to exterior stairways at each end of building
- Potential for demonstration hydroponic gardening for Health / Wellness / Sports Medicine Program
- Reduces storm water run-off

## C Photovoltaic Panels

- Estimated roof areas for PV panels: 14,000 sf

## D Moment Frame Structure

- Minimizes construction impact on the surrounding neighborhood by reducing onsite welding and construction time
- Builds long term flexibility into each floor plate

