



Project Advisory Team (PAT)

Meeting #2: Feb 5, 2019



Welcome & Introductions

Spring Branch ISD

- **Scott Muri** Ed.D – Superintendent of Schools
- **Jennifer Blaine** Ed.D – Assoc. Superintendent of Talent and Operations
- **Travis Stanford** Director of Planning & Construction
- **Kris Drosche** Planning & Construction Project Manager
- **Lisa Weir** Memorial High School Principal

Stantec Architects

- **Jennifer Henrikson** Principal - Architect
- **Tracy Eich** Principal - Architect
- **Mark Jackson** Senior Project Manager – Architect
- **Jon Pippert** Senior Project Architect – Architect

Project Advisory Team (PAT)

- **MHS Community/Faculty/Student Members** (20+ person group)

Agenda: PAT Meeting #2



5 mins: 1. Welcome & Introductions + Overview

PAT Charge
PAT Process + Objectives/Goals
Project Scope
Project Schedule

5 mins: 2. PAT Meeting #1: Recap

Meeting Highlights and PAT Input Feedback

5 mins: 3. MHS Program: Overview

Program Elements

45 mins: 4. MHS Schematic Design Considerations

Site Plan
Floor Plans
Teaching and Learning

5 mins: 5. Closing Remarks

Wrap-up / Next Steps

Welcome + Meeting Overview

MHS Project Advisory Team (PAT) - Charge

OVERVIEW

A Project Advisory Team (PAT) will be chartered for the planning of Phase I (Additions and Renovations) for **Memorial High School** under the school's project in the 2017 Bond Program.

Each PAT is an advisory ad hoc committee, representing the various stakeholders of a school community. As such, the PAT is chartered for a defined purpose and time and holds no statutory authority.

The goal of the PAT is to ensure that parents, staff and community members have the opportunity to take part in the planning and design of new schools.

The PAT members will serve as communicators to and from the community during the schematic design and development phases of the project and participate in discussions that will lead to recommendations. The PAT concludes its work once construction begins.

Welcome + Meeting Overview

MHS Project Advisory Team (PAT) - Charge

CHARGE

Each Project Advisory Team (PAT) member is charged with **providing input into planning and design development of Phase I (Additions and Renovations) of Memorial High School.**

The PAT will meet in a series of meetings from initial planning through design to the start of construction.

The PAT will work collaboratively and cooperatively with the architect and SBISD Project Manager **to conceptualize, develop and refine the project's goals and design.**

The PAT will **reach a proposed recommendation through consensus.**

Any concerns identified by the PAT members should immediately be brought to the attention of the SBISD Project Manager.

The PAT will advise on recommendations regarding the planning and development of the Phase I of Memorial High School.

Welcome + Meeting Overview

MHS Project Advisory Team (PAT) - Charge

CHARGE (continued)

These recommendations will be presented by the project's architects:

- 1) to the **Superintendent of Schools**, and based on approval from the Superintendent,
- 2) to the **Board of Trustees** for their approval.

All recommendations must be in alignment with the District's Educational Specifications and Design and Construction Standards.

The Board of Trustees may act upon the recommendations developed with PAT input by approving, amending, altering or not approving all or any part of the recommendations.

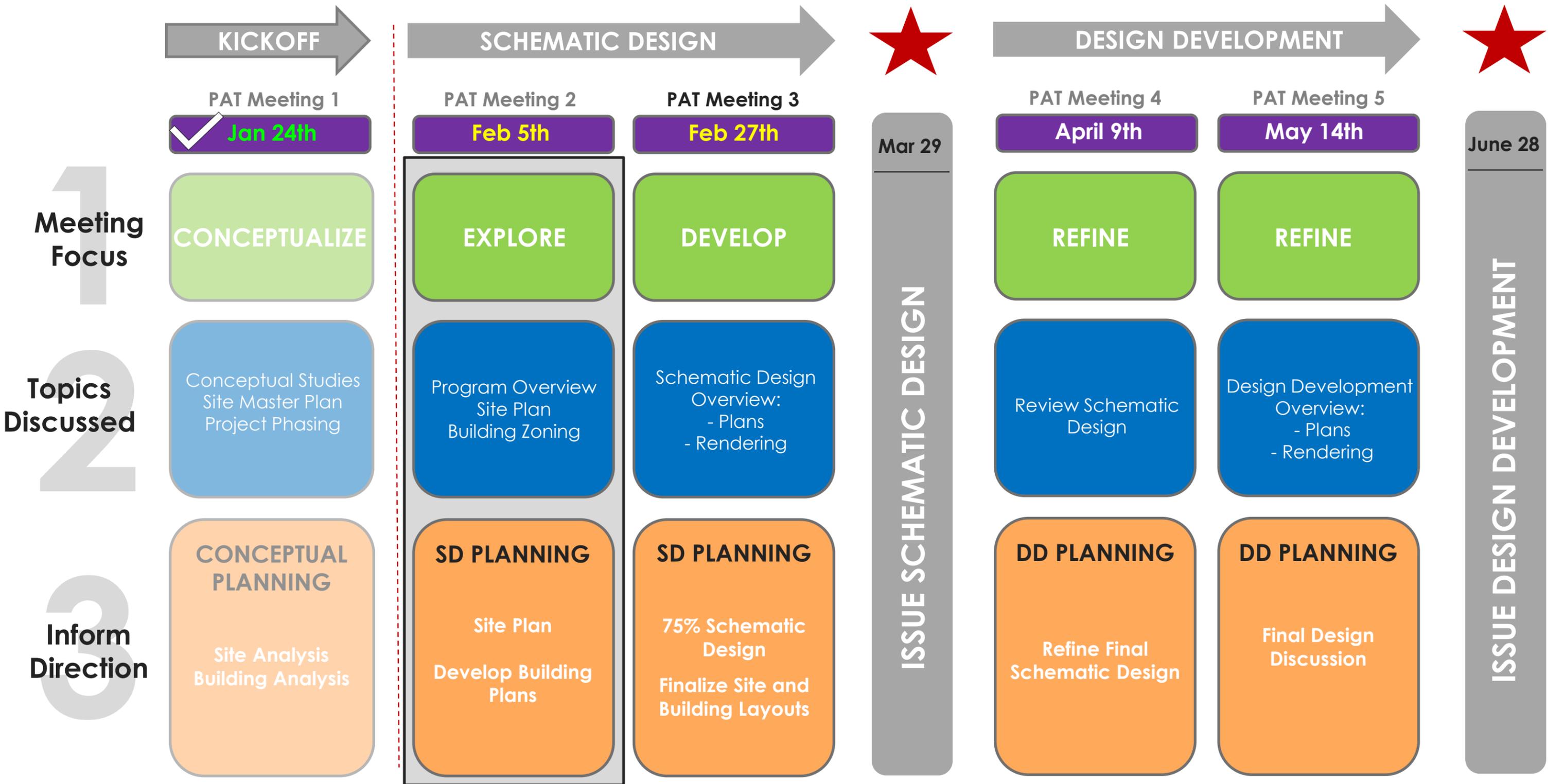
Areas of focus from which the PAT should refrain include recommendations regarding school programs, policies and procedures, boundaries of district facilities, instructional arrangements and/or educational pedagogy decided upon and/or subject to District, State and Federal laws.

Project Advisory Teams are essential participants in the planning and design process. Team members are asked to agree to participate in various meetings throughout the process.



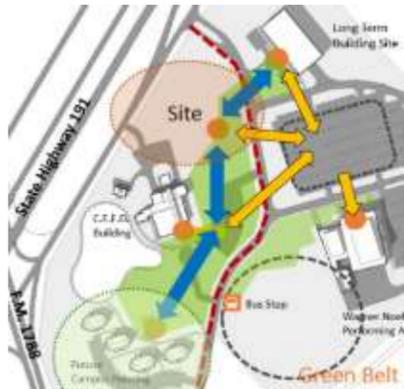
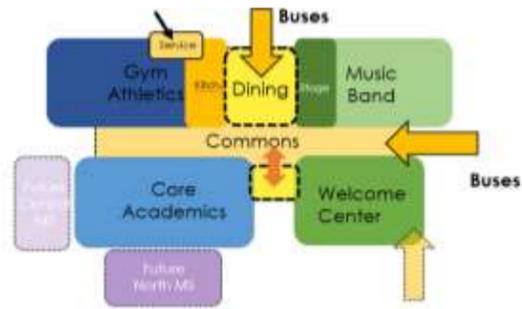
Meeting Schedule

Memorial HS | PAT Engagement Process



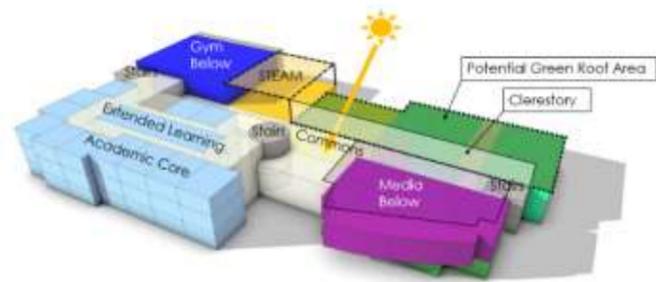
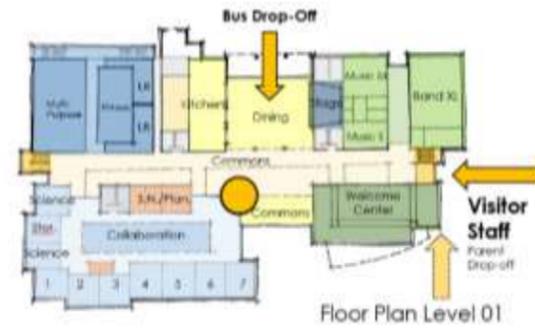
PAT Process + Objectives/Goals

CONCEPTUALIZE



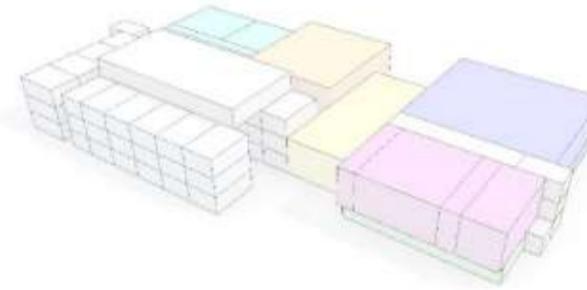
Concept-Ideas
Diagrams

EXPLORE



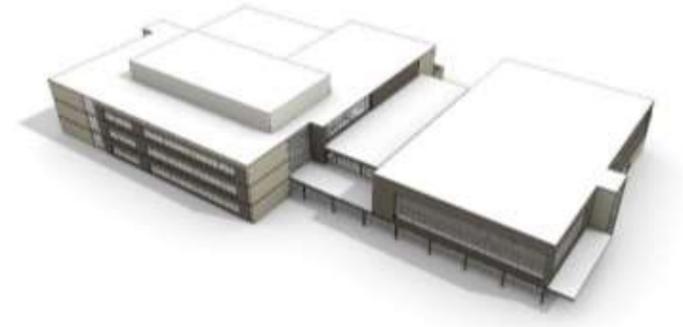
Concept-Floor Plans
3-D Blocking & Stacking

DEVELOP



Floor Plans – Furnishings
Building Shape & Massing

REFINE



Revit Plans
Architectural Expression



Project Scope

- Additions and Renovations of Memorial High School (Phase I of the Masterplan)
- On Site Construction and Transition
- Estimated 140,000 SF new Multi-Level Building per SBISD High School Educational Specifications
- Demolition of Aqua Wing, White Wing, Green Wing, and Science Buildings
- Renovations to remaining spaces to include MEP upgrades, security, life safety, and minor cosmetic improvements
- Site work to include: Tennis relocation, additional parking and vehicle stacking, parent drop, bus loop, and one artificial turf field
- Estimated 2 year construction + Summer/Fall 2019 work



Proposed Project Schedule

- Schematic Design Phase January - March 2019
 - ✓ PAT Meeting #1: January 24, 2019
 - PAT Meeting #2: February 5, 2019
 - PAT Meeting #3: February 27, 2019
- Design Development Phase April - June 2019
 - PAT Meeting #4: April 9, 2019
 - PAT Meeting #5: May 14, 2019
- Construction Documents July – November 2019
- Procurement & Permitting Dec 2019 – March 2020
 - GMP/Construction Contract recommendation to the Board of Trustees: March 2020
- Construction Administration April 2020 – June 2022*
 - *Summer/Fall 2019
 - Renovation work Summer #2 2020 (and 2021 if needed)
 - Complete New Building; approx. April 2022
 - Demolition of Existing Buildings; approx. April – June 2022

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45 mins: **4. MHS Schematic Design Considerations**

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Teaching and Learning

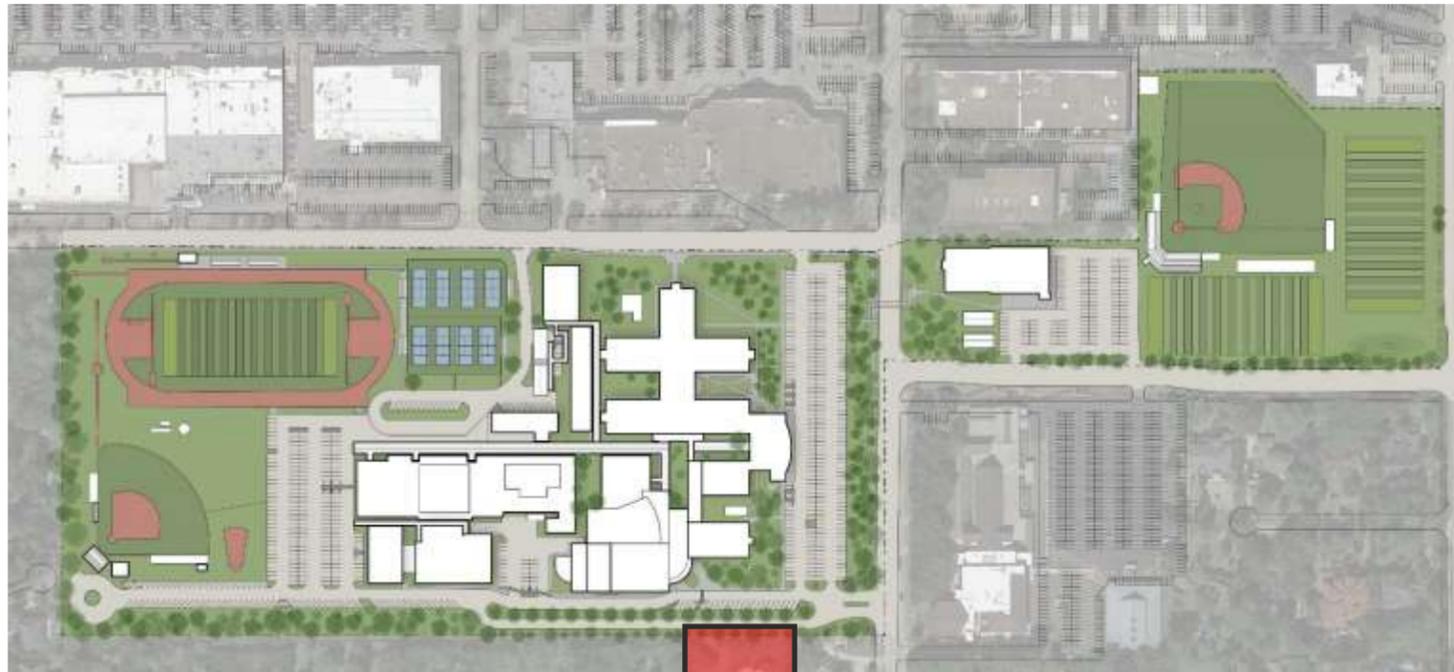
5 mins: **5. Closing Remarks**

Wrap-up / Next Steps

2. PAT Meeting-1 Recap

1. Phase I Overview

- Relocate Tennis + New support space
- New Phase-I Building
- Demolition of Existing Buildings
- New Parking, Bus Drop, Parent Loop, and Student Entry



2. PAT Meeting-1 Recap

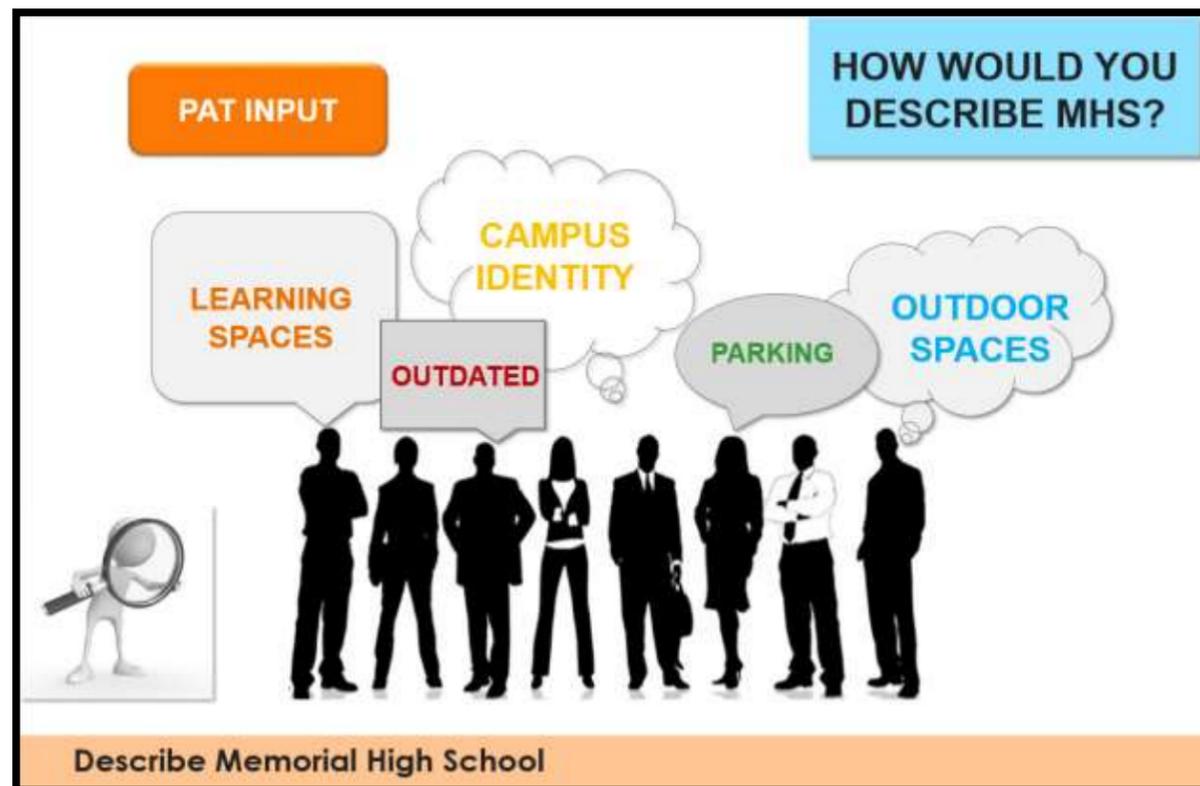
1. How would you DESCRIBE MHS today?

Positive

- **High Performing**
 - High performing student population
 - More like a college prep atmosphere
- **Trees and School Identity**
 - Trees and outdoors spaces are part of the school identity
 - Open feel to the campus
- **Wayfinding with Colors**
 - School wings are color coded
 - Grey, Red, Orange, Blue, Aqua, White, Green, etc.

Negative

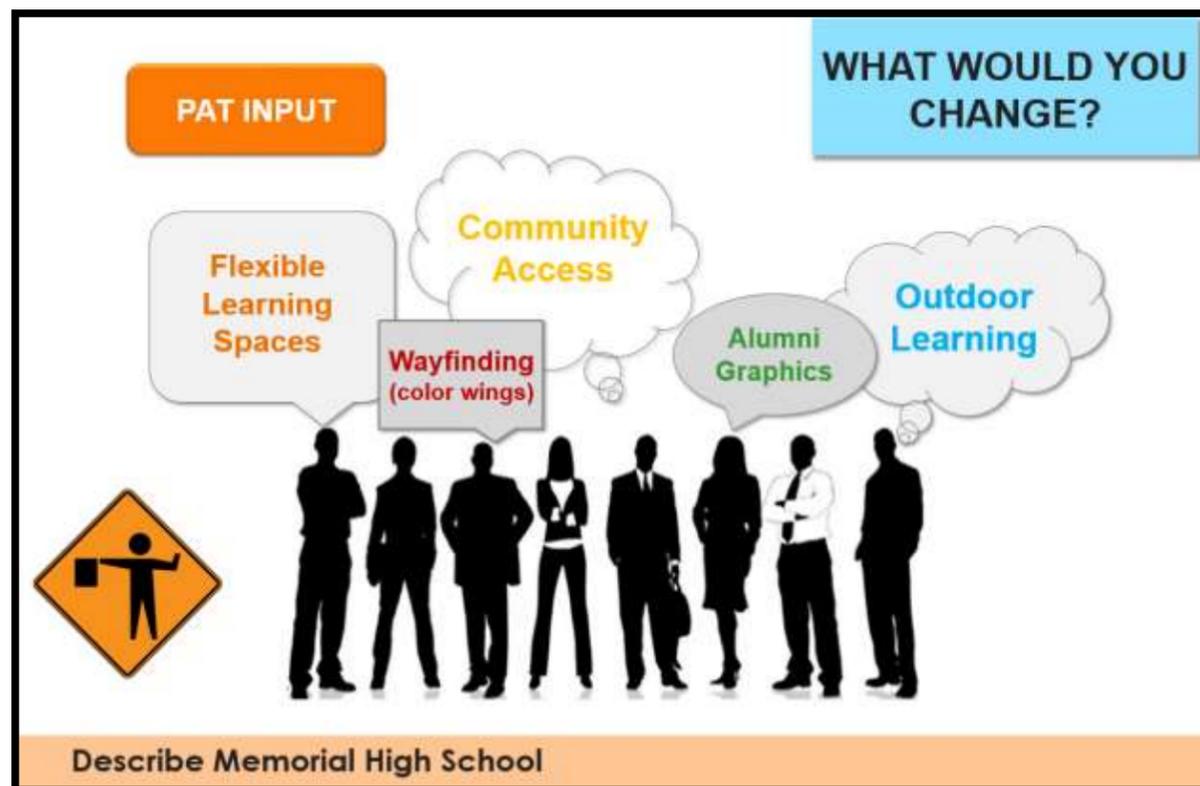
- **Security**
 - Multiple entrances
- **Learning spaces**
 - Small and not flexible
 - Damaged finishes
- **Parking**
 - Lack of parking and poorly organized



2. PAT Meeting-1 Recap

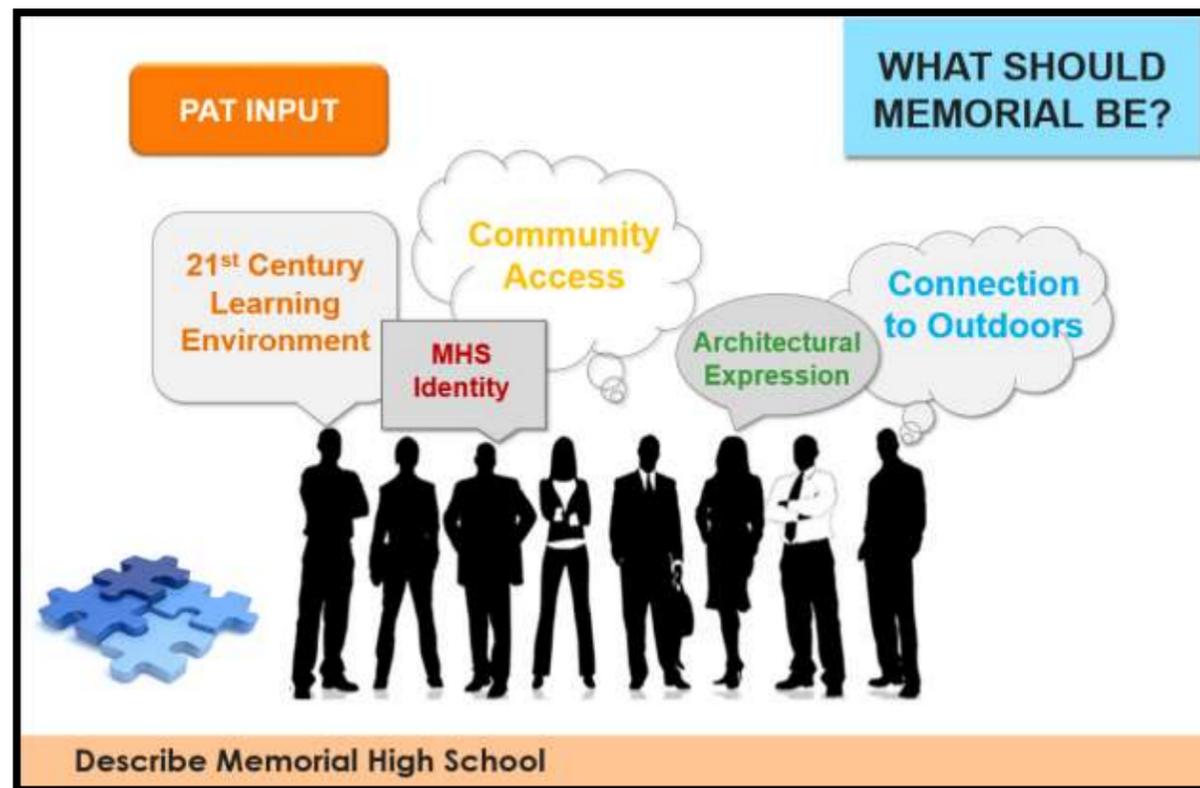
2. What would you CHANGE about MHS?

- **Program and Campus Organization**
 - Group similar programs together
 - Improved wayfinding from the parking lots
- **Modernization and Flexibility**
 - Modern college feel
 - Flexible and efficient learning spaces
 - Feels old and dirty, should be clean and fresh
 - Larger Classrooms with better technology
 - Eliminate lockers
- **Beautify the Outdoors**
 - Don't just rely on landscaping that needs maintenance
 - Flexible shaded spaces
- **Safety and Security**
 - Better perimeter security
 - Safer and organized traffic flow



2. PAT Meeting-1 Recap

3. What should the FUTURE Memorial be?



- **School Identity + Branding**

- Have a WOW factor
- Better display of Alumni graphics
- Art on display

- **Sense of Place = Desired Destination**

- Welcoming for Community Access/Community Use
- Easy to navigate the campus
- Connection to the outdoors

- **Flexible for Future**

- 21st Century Learning Environments
- Indoor AND Outdoor Learning Spaces
- Accommodate the needs of Today's Learners

- **Architectural Expression**

- College feel
- Strong connection to the outdoors
- Larger open space
- Timeless feel so it doesn't get dated

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Program Elements

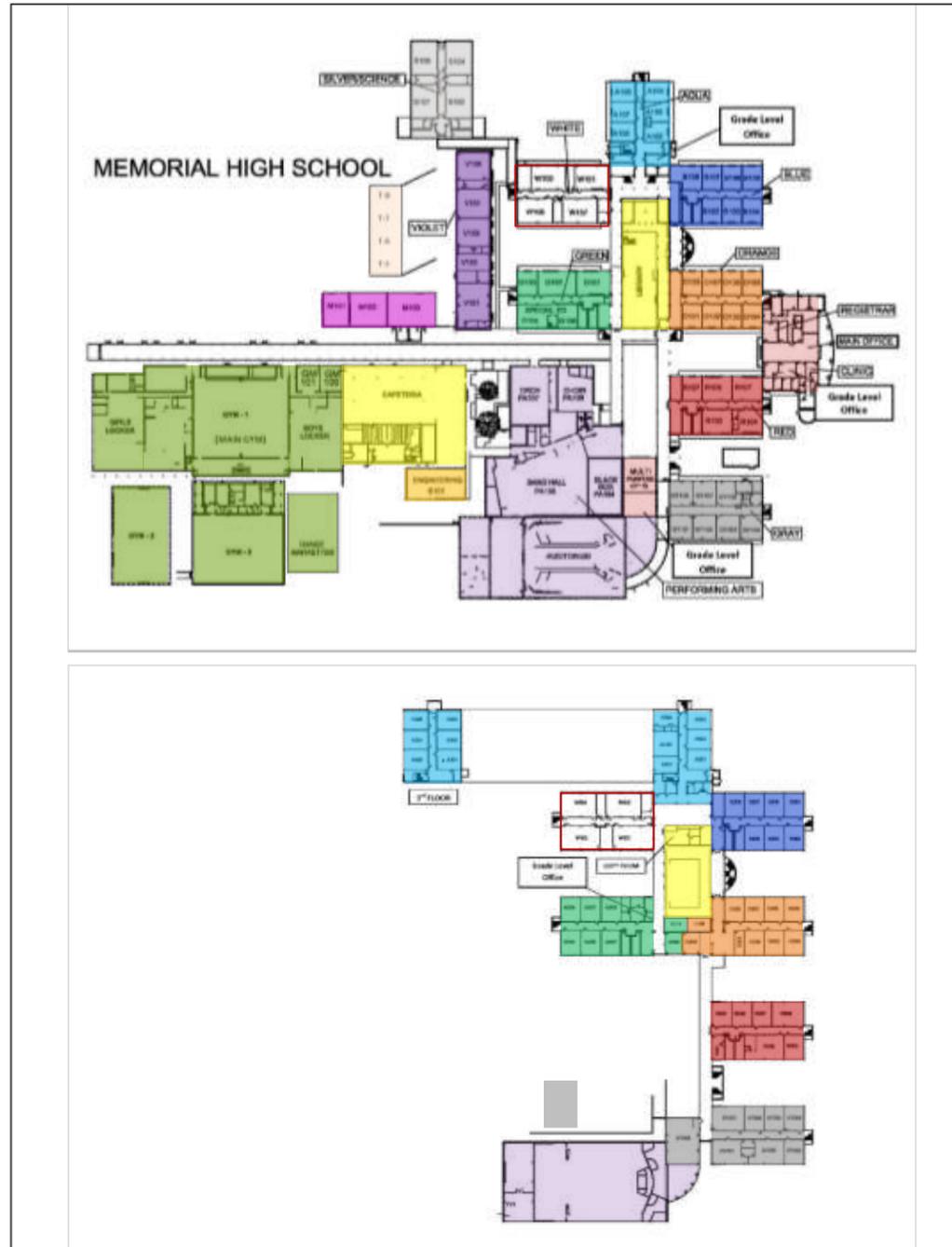
45 mins: **4. MHS Schematic Design Considerations**

Site Plan
Floor Plans
Teaching and Learning

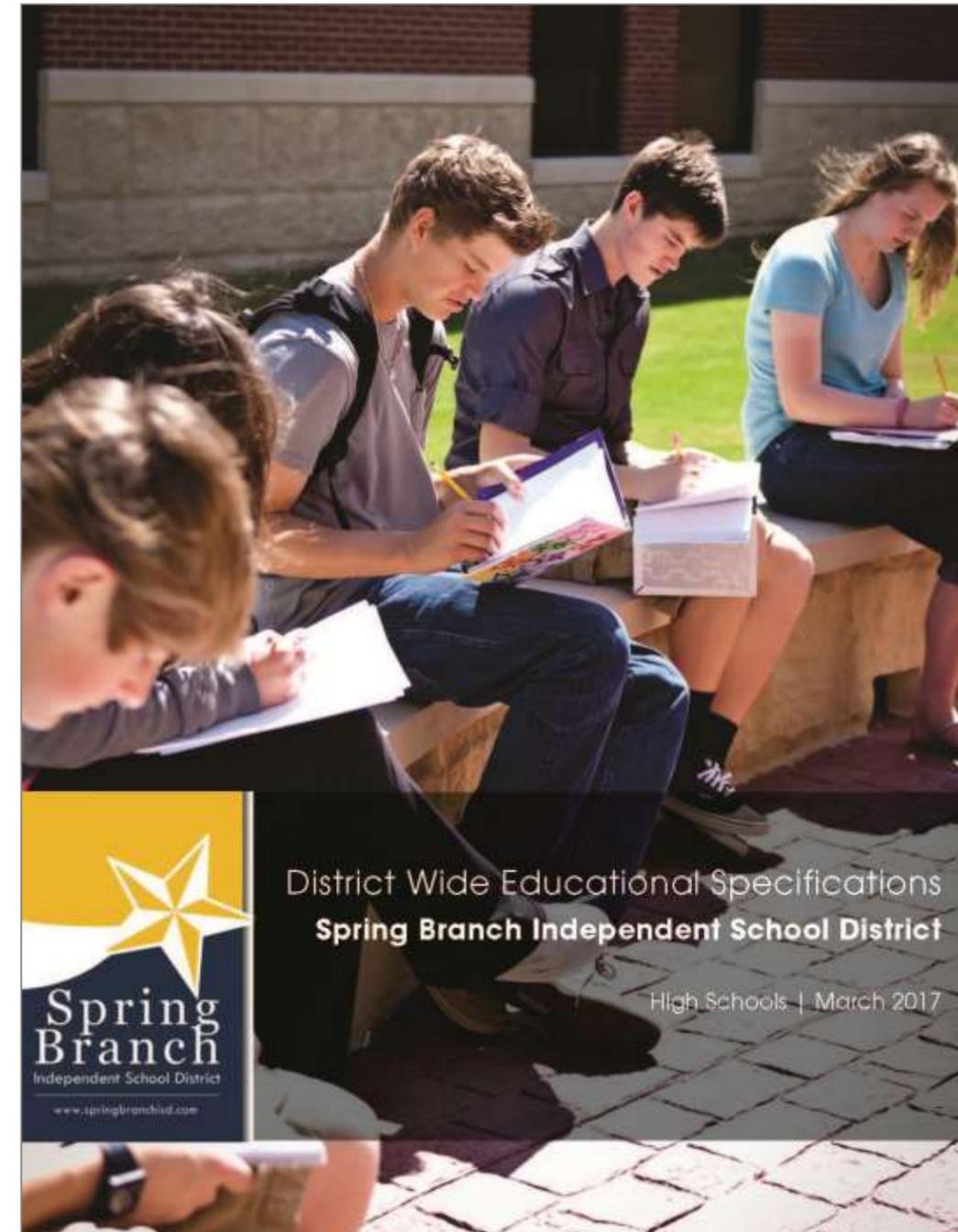
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Wrap-up / Next Steps

3. MHS Phase-I Program: Overview



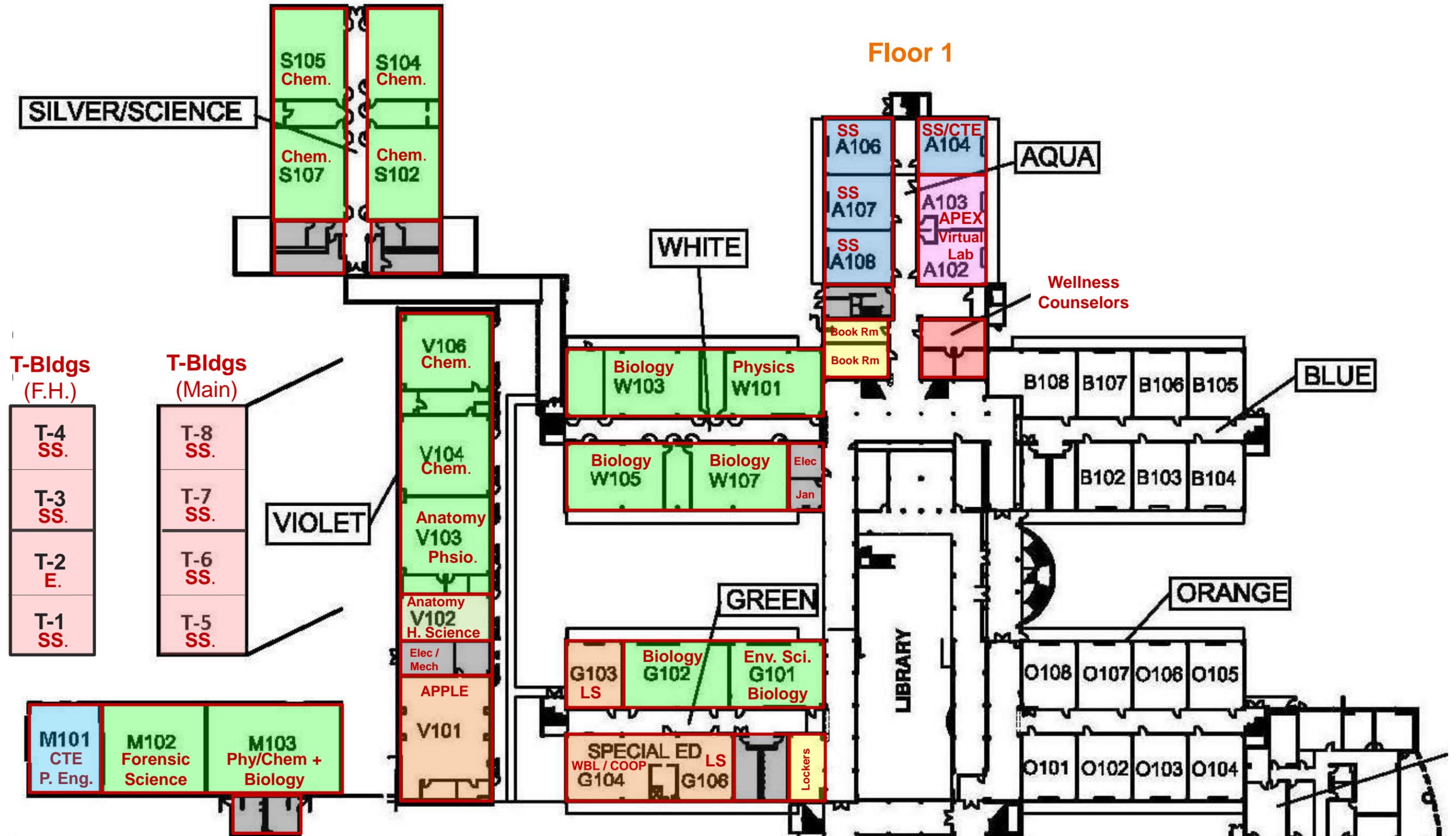
SBISD 2017 Capacity Study Data
Baseline for Existing Condition



SBISD HS Education Specification
Basis of Planning for New Construction + Renovations

3. MHS Phase-I Program: Overview

Floor 1
Buildings:
 Silver
 Violet
 Magenta
 Green
 White
 Aqua
 +
 8 T-Bldgs



1-Story Bldgs + T-Bldgs

MHS Existing Condition

Buildings to be Removed (Floor 1 + 1-Story)

3. MHS Phase-I Program: Overview

Floor 2

Buildings:

Green

White

Aqua

Floor 3

Buildings:

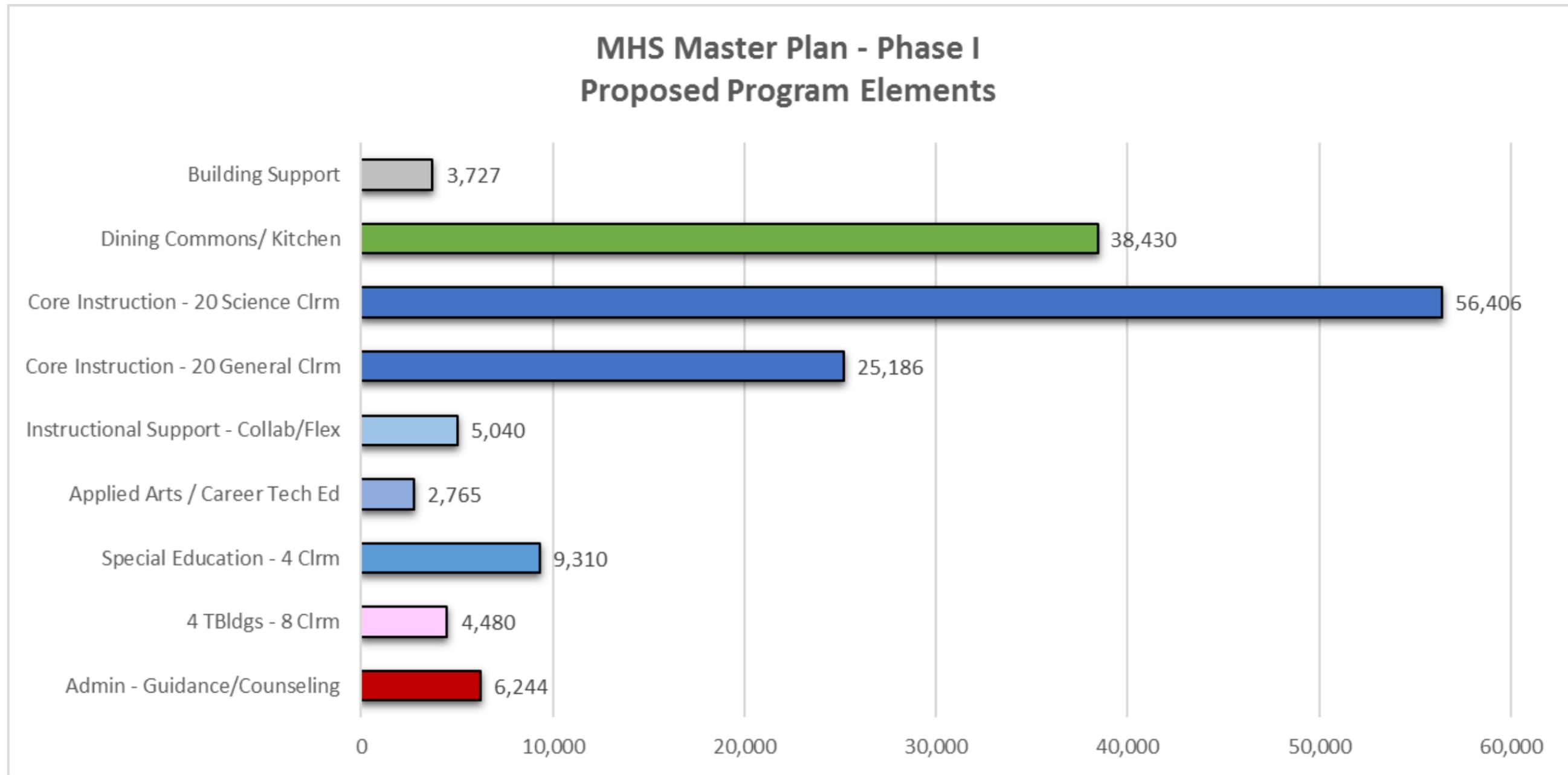
Aqua



MHS Existing Condition

Buildings to be Removed (Floor 2 + 3)

3. MHS Phase-I Program: Overview



MHS Master Plan, Phase-I: Proposed Program Elements

- **MHS Existing Condition** – Consider Buildings Being Removed + T-Bldgs
- **Apply HS Ed Specification for Phase-1 Components** - Classrooms, Dining/Kitchen, Admin, Collaboration/Flex, Special Education
- **New Phase-I Building** to house program elements that make sense in the Master Plan Condition
- **Renovated Dining/Kitchen Building** to house program elements that might be there long term <or> swing space prior Master Plan Phase II

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Wrap-up / Next Steps

PAT INPUT

PAT Engagement

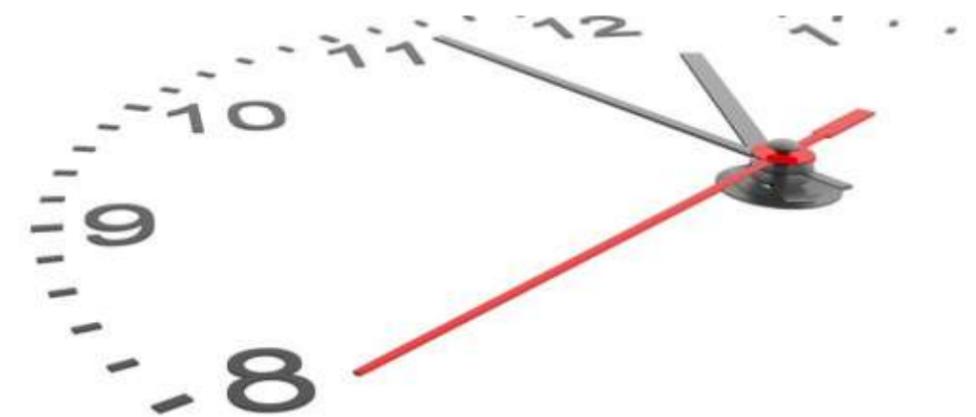
Group Discussion about Memorial High School

5 mins = Site Plan (Tennis)

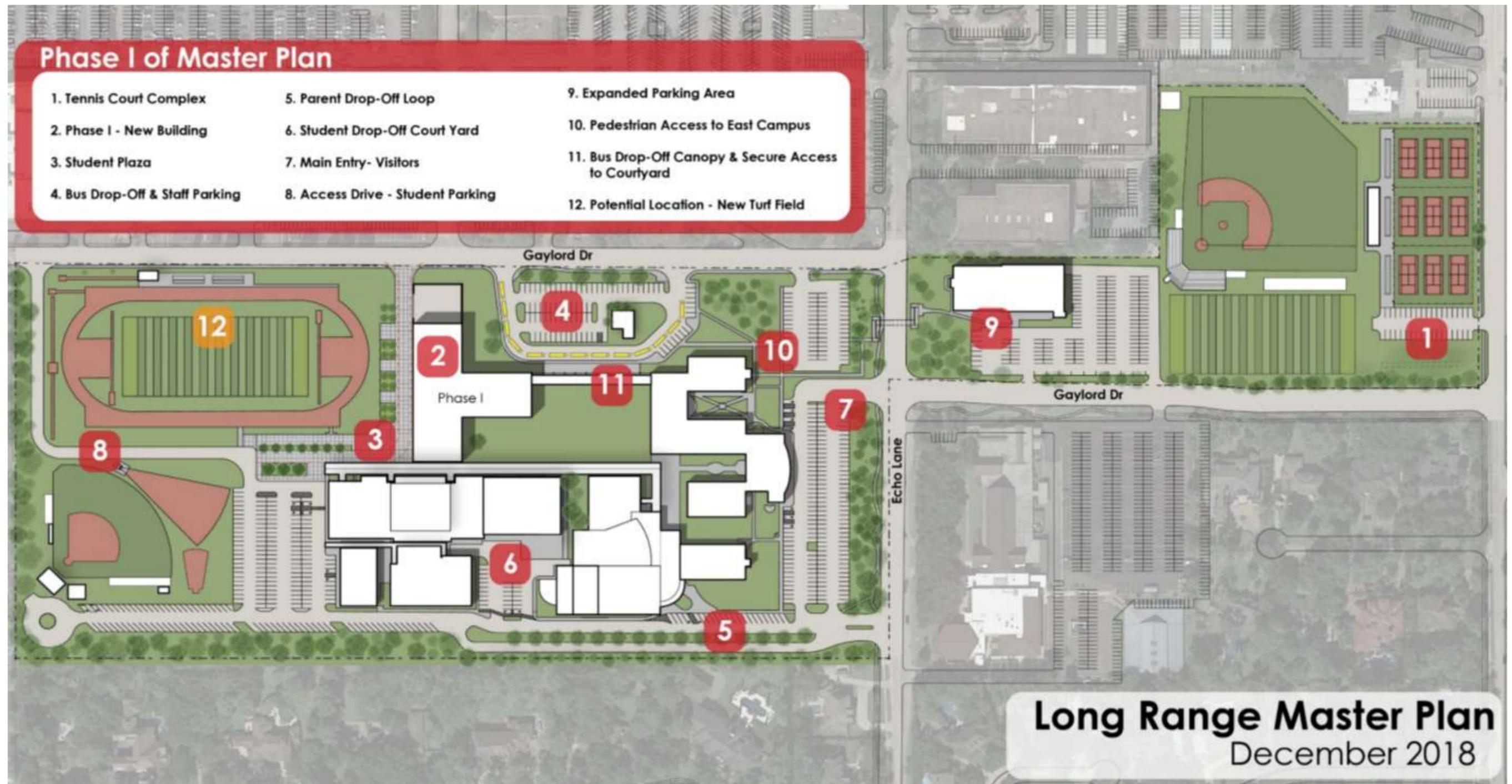
15 mins = Phase-I Preliminary Concepts

- Existing Campus Renovations
- New Building Plans

25 mins = Teaching and Learning



MHS Master Plan – Phase I



Design Studies



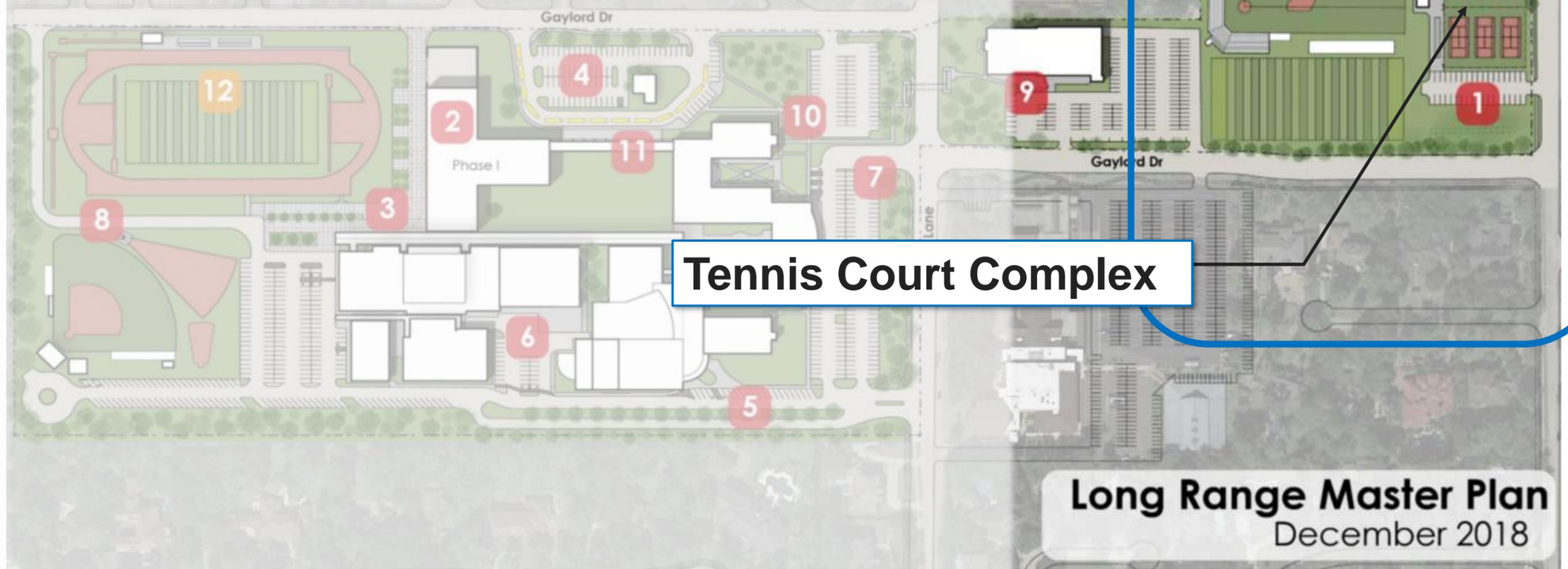
1. Tennis Courts

2. Existing Campus (Renovations to Current Dining Space)

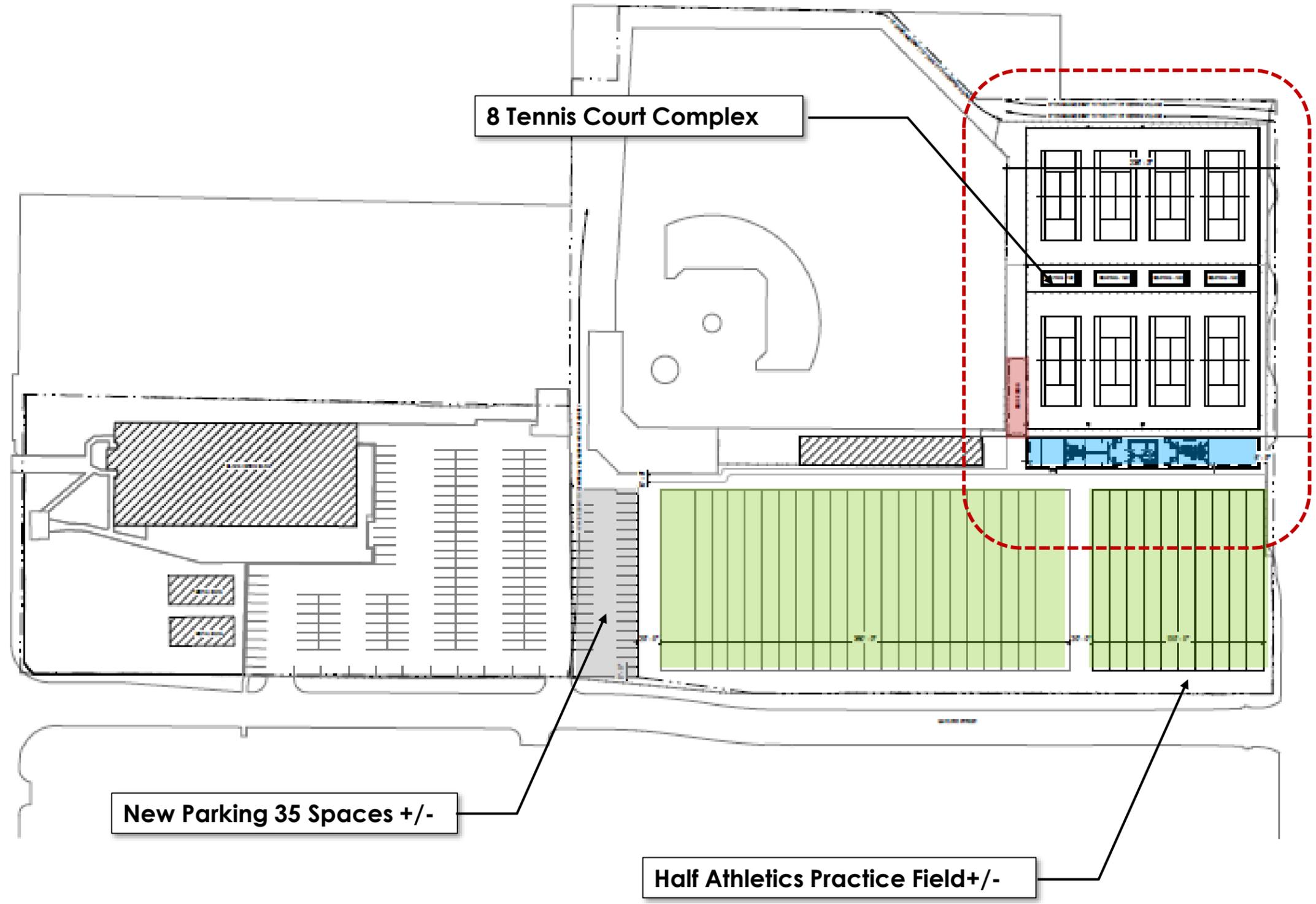
3. Concept Floor (Plans I)



- | | |
|--------------------------------|--|
| Drop-Off Loop | 9. Expanded Parking Area |
| Drop-Off Court Yard | 10. Pedestrian Access to East Campus |
| Entry- Visitors | 11. Bus Drop-Off Canopy & Secure Access to Courtyard |
| Access Drive - Student Parking | 12. Potential Location - New Turf Field |



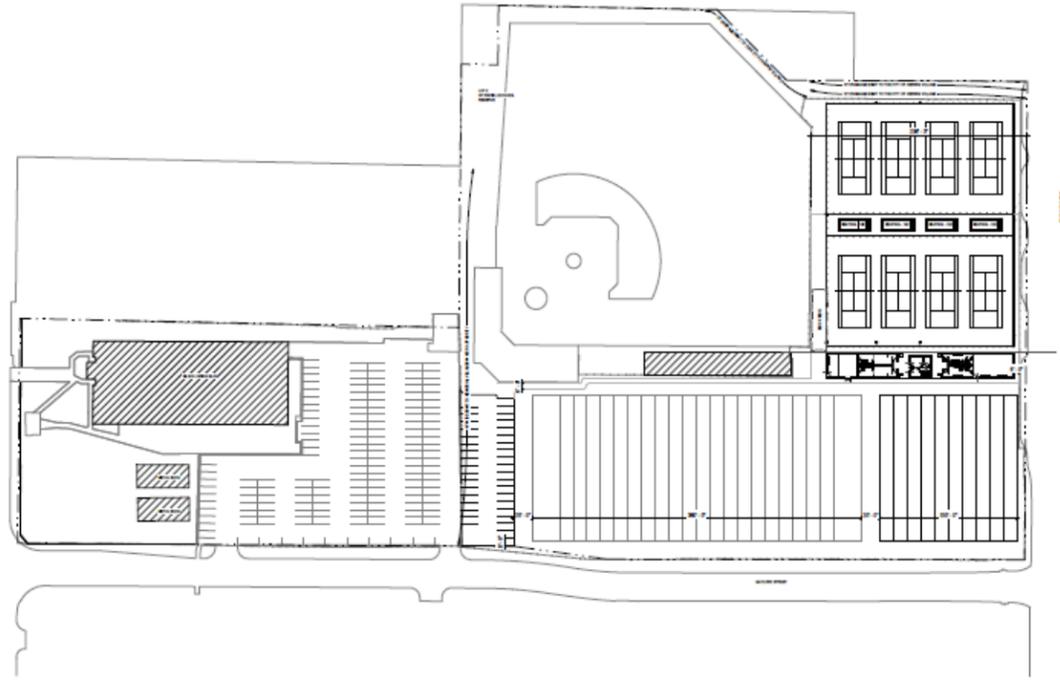
Tennis Court Complex



8 Tennis Court Complex

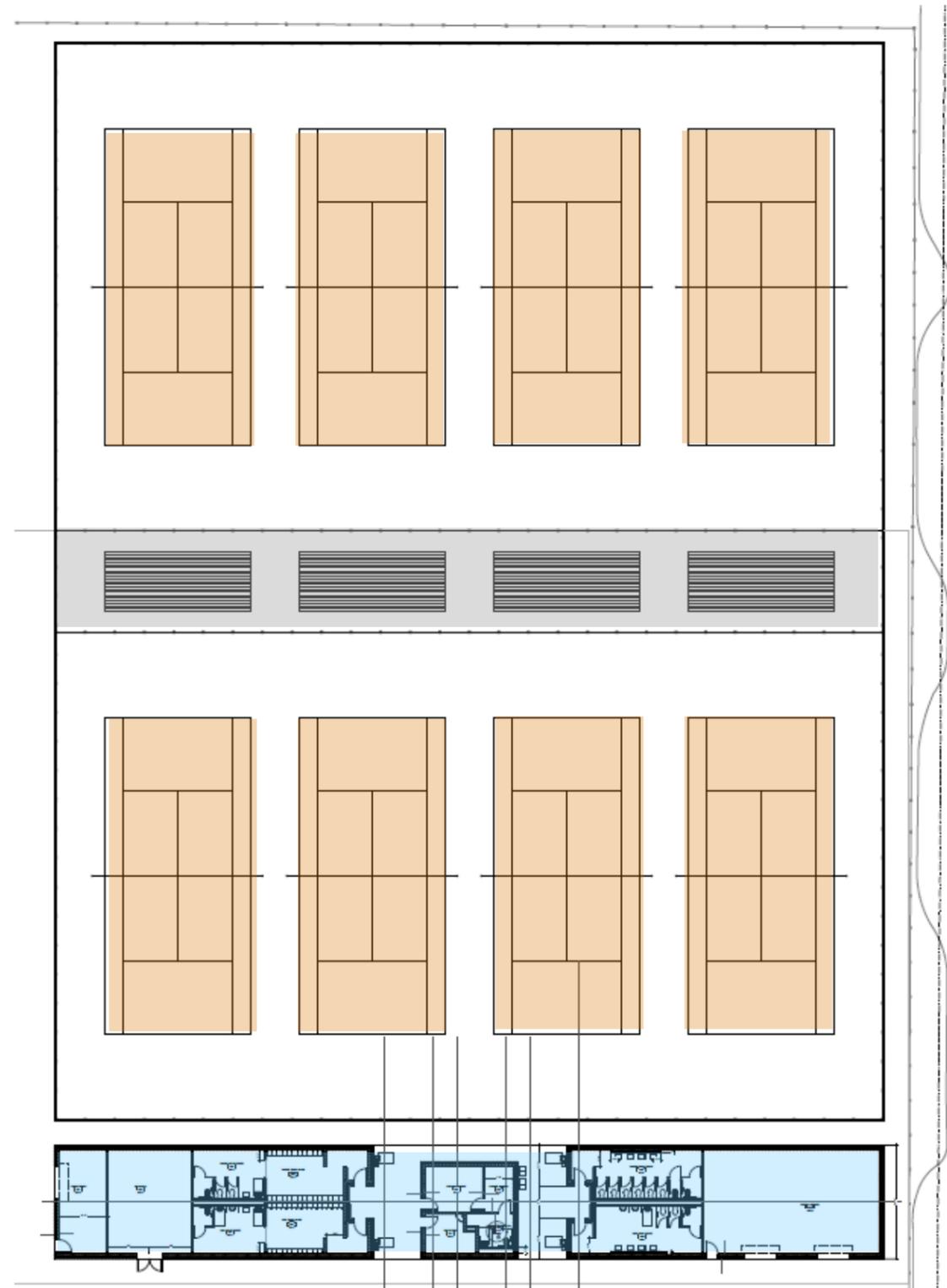
New Parking 35 Spaces +/-

Half Athletics Practice Field +/-



- 8 Tennis Courts
- Lighted Courts
- Covered Bleacher Seating
- Support Building

Tennis Locker Rooms
 Public Toilets
 Tennis Office W/Showers
 Tennis Equipment Storage
 Athletics Storage (Football)
 Building Mechanical



PAT INPUT

Tennis Courts

Group Discussion:

- **Location**
- **Parking**
- **Relationship to Existing Fields**



Design Studies

1. Tennis Courts

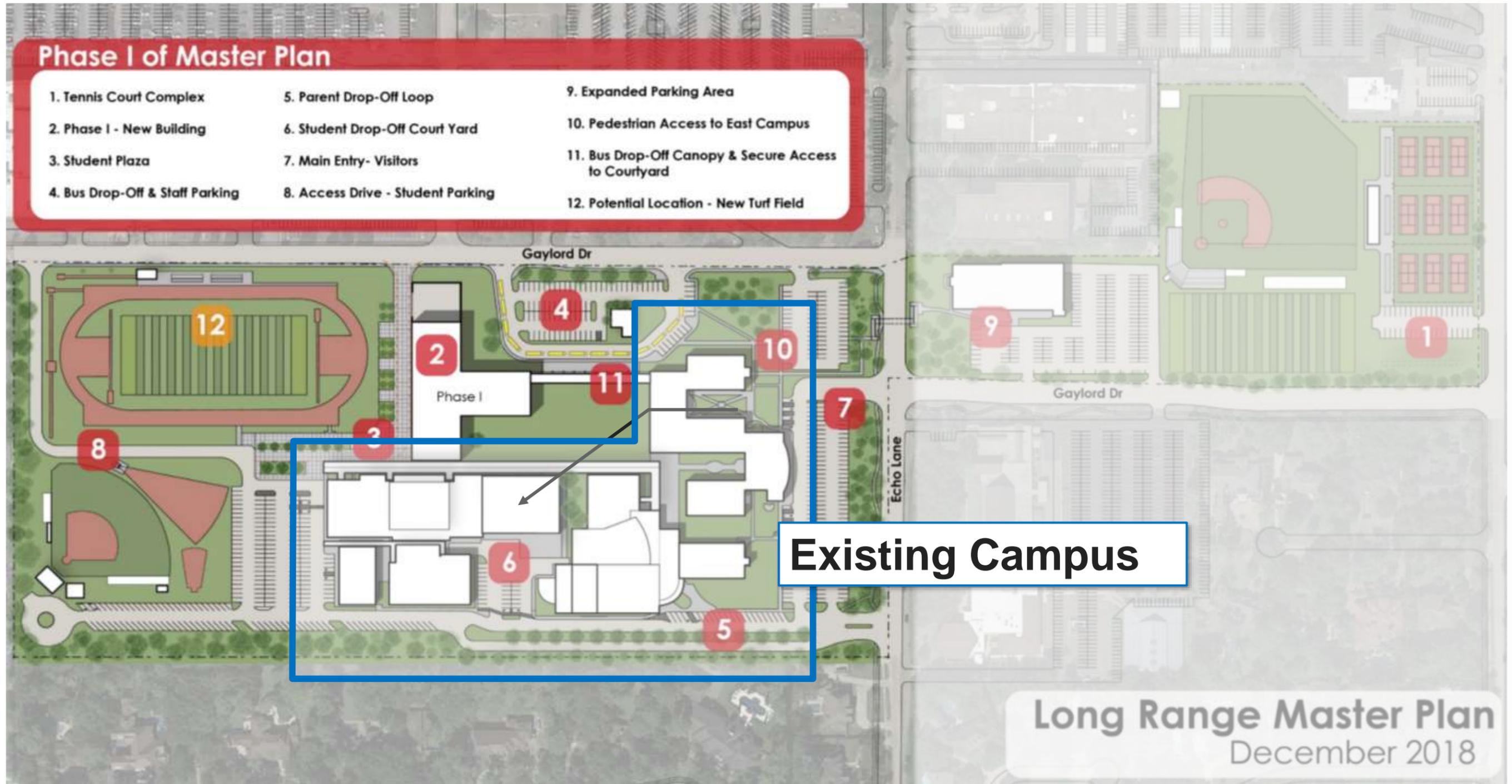


2. Existing Campus (Renovations to Current Dining Space)

3. Concept Floor (Plans I)

Phase I of Master Plan

- | | | |
|---------------------------------|-----------------------------------|--|
| 1. Tennis Court Complex | 5. Parent Drop-Off Loop | 9. Expanded Parking Area |
| 2. Phase I - New Building | 6. Student Drop-Off Court Yard | 10. Pedestrian Access to East Campus |
| 3. Student Plaza | 7. Main Entry- Visitors | 11. Bus Drop-Off Canopy & Secure Access to Courtyard |
| 4. Bus Drop-Off & Staff Parking | 8. Access Drive - Student Parking | 12. Potential Location - New Turf Field |

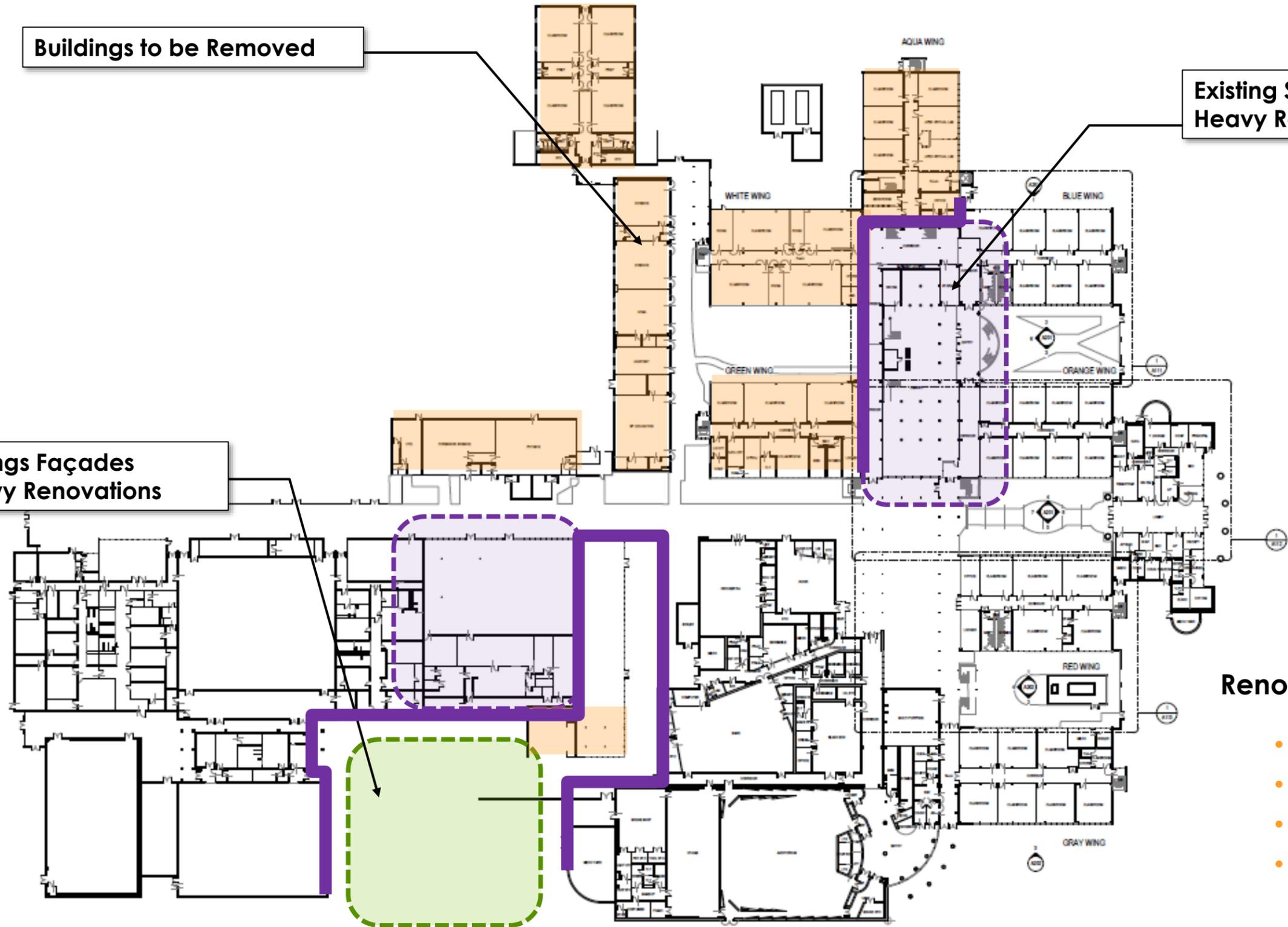


Existing Campus

Buildings to be Removed

Existing Spaces Requiring Heavy Renovation

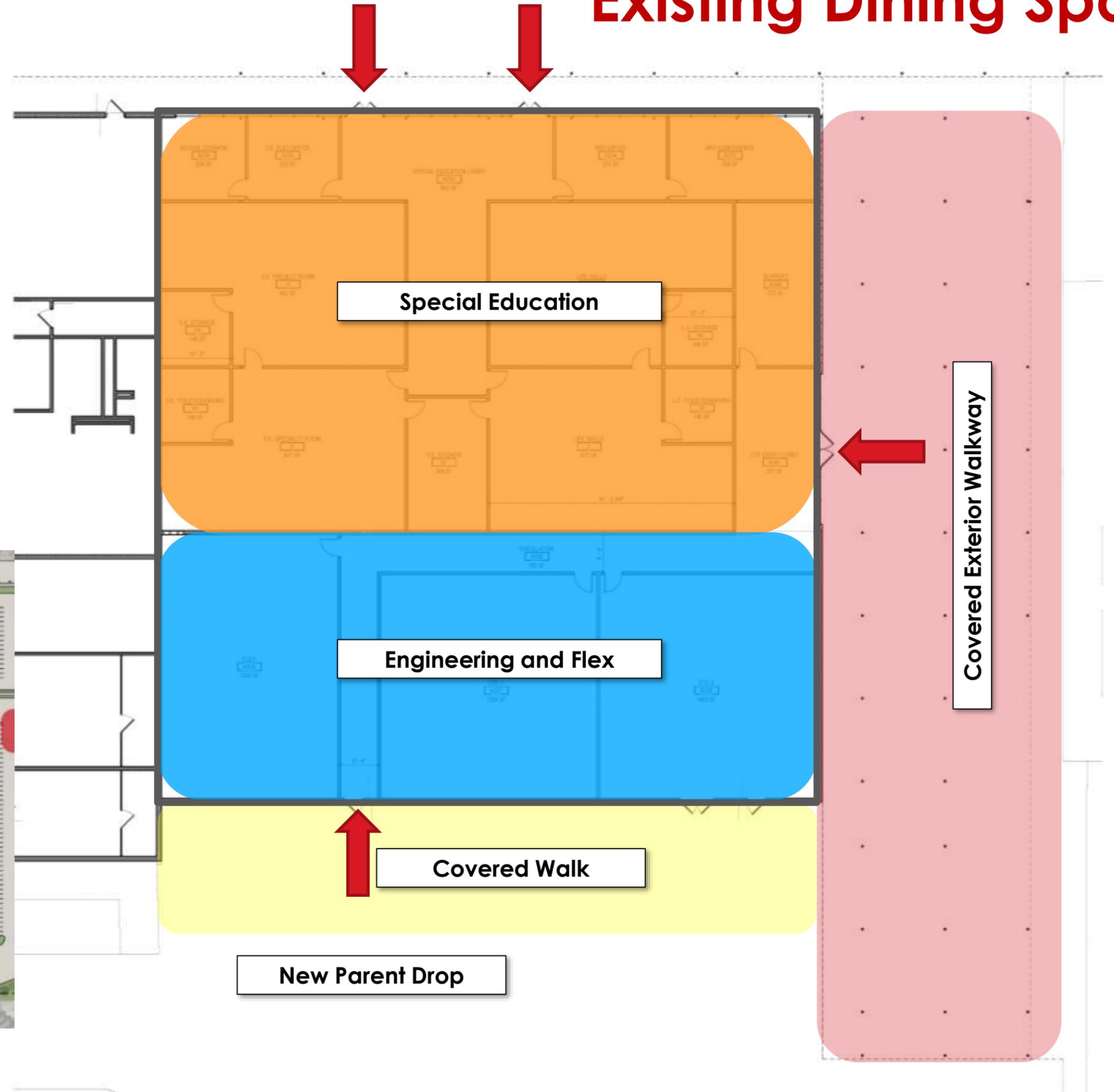
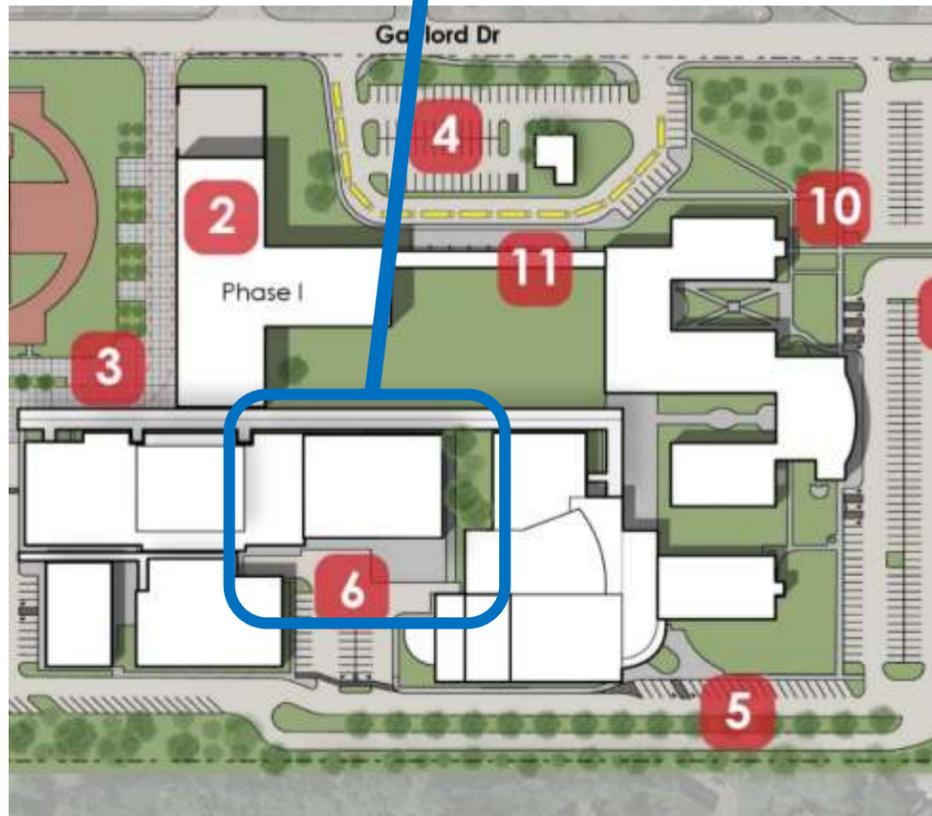
Exterior Buildings Façades Requires Heavy Renovations



Renovations:

- Mechanical Upgrades
- Life safety
- Toilet Room Repairs
- Interior Painting and Flooring
- Exterior Painting

Existing Dining Space



Special Education

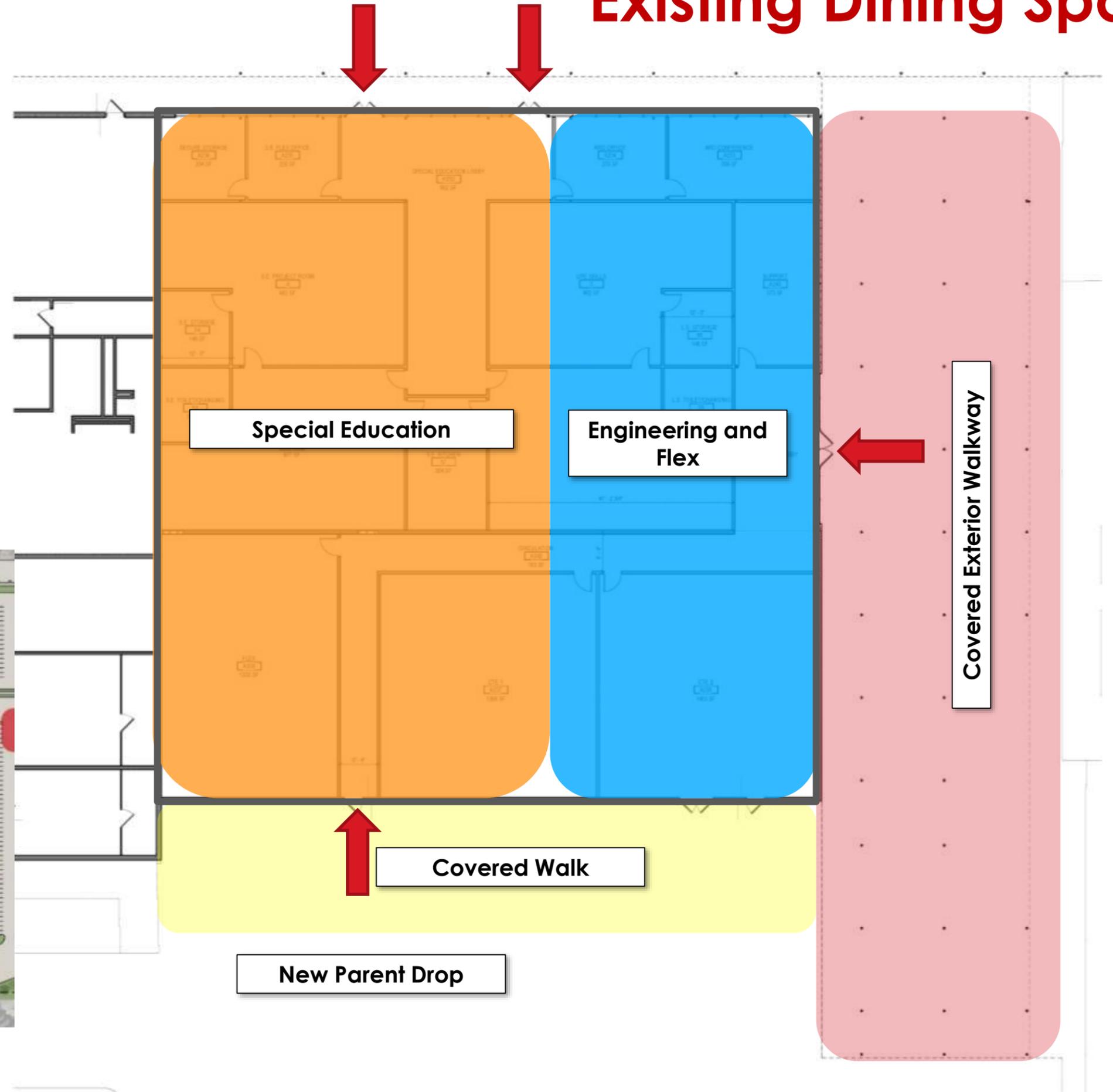
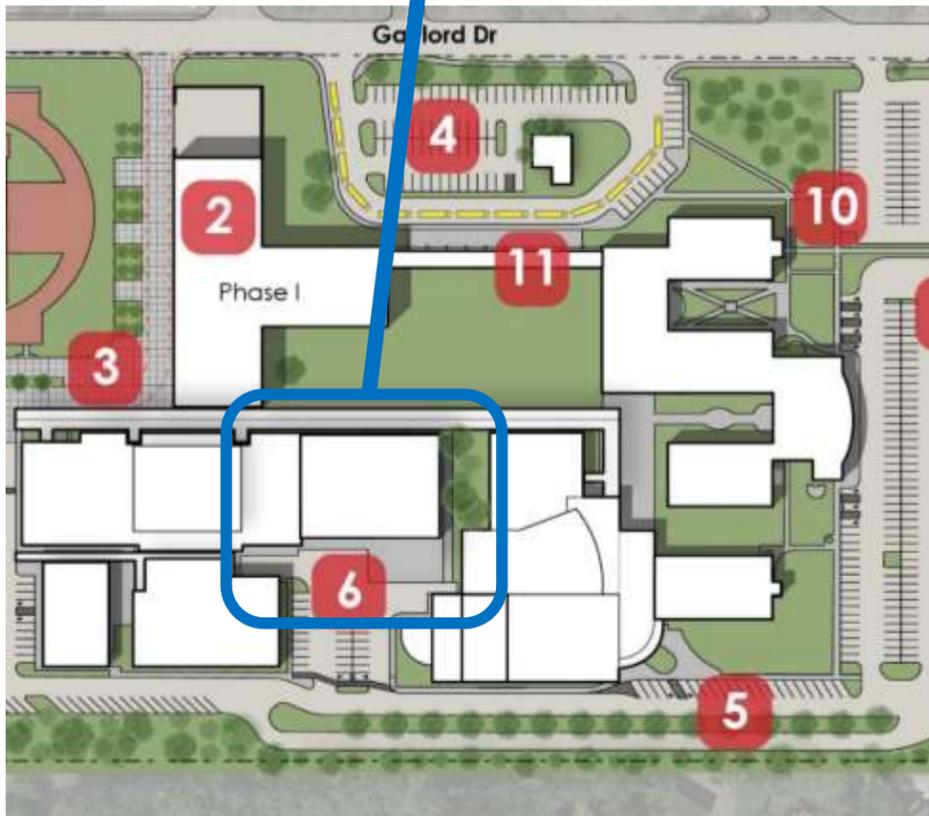
Engineering and Flex

Covered Walk

New Parent Drop

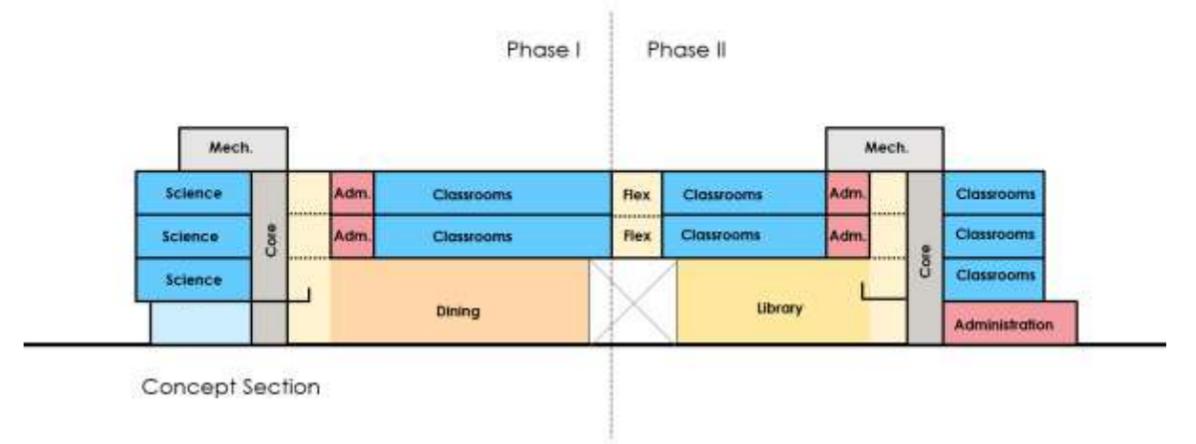
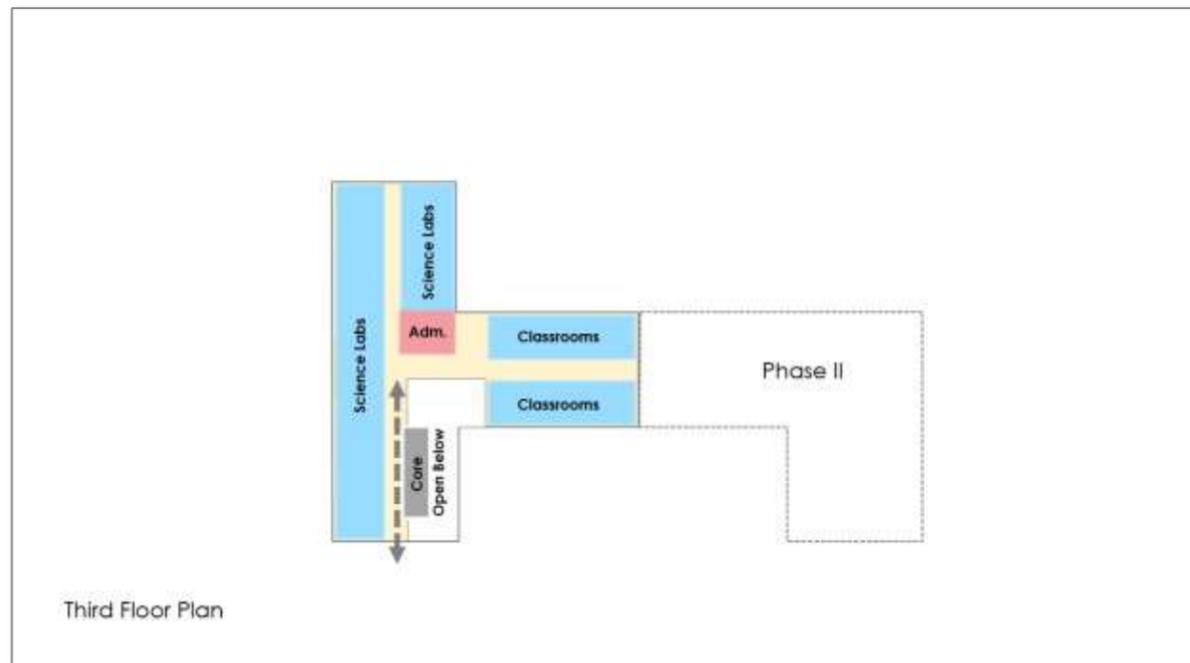
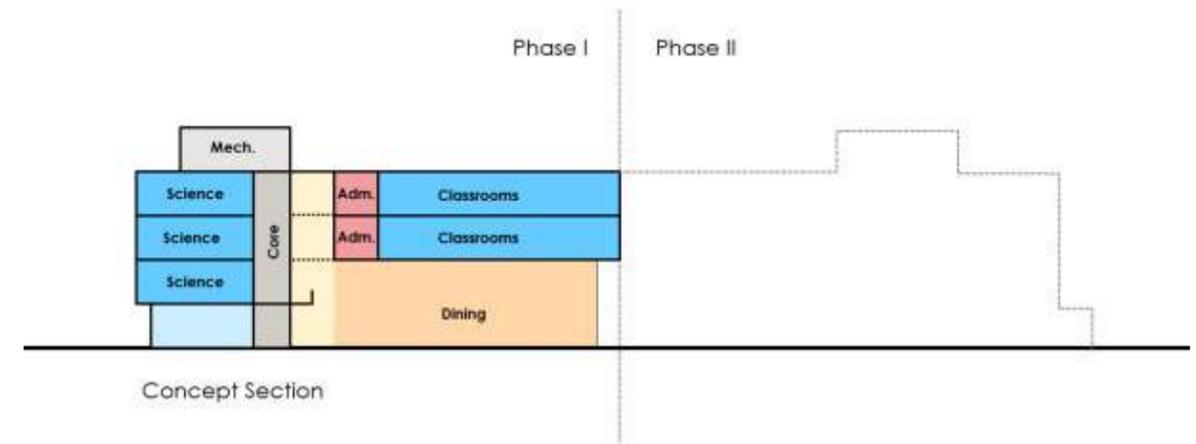
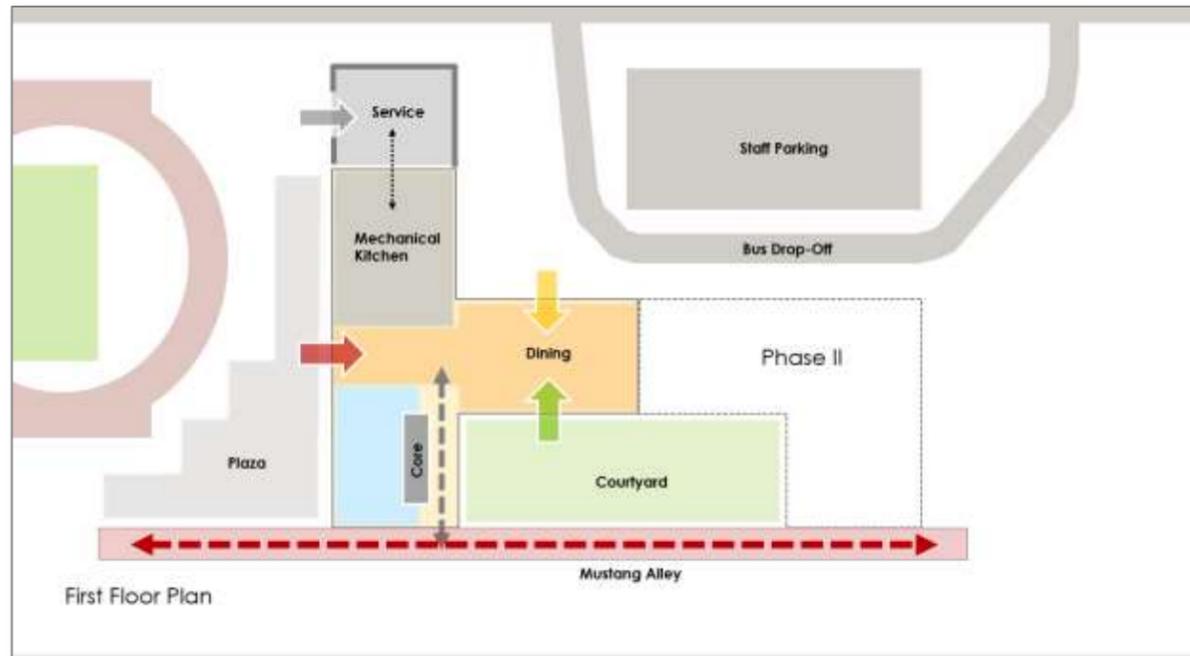
Covered Exterior Walkway

Existing Dining Space



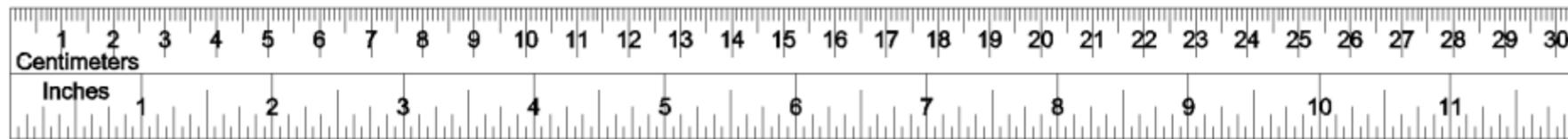
Design Studies

1. Tennis Complex
2. Existing Campus (Renovations to Current Dining Space)
-  3. Concept Floor (Plans I)
4. Building Massing Studies (Phase I)



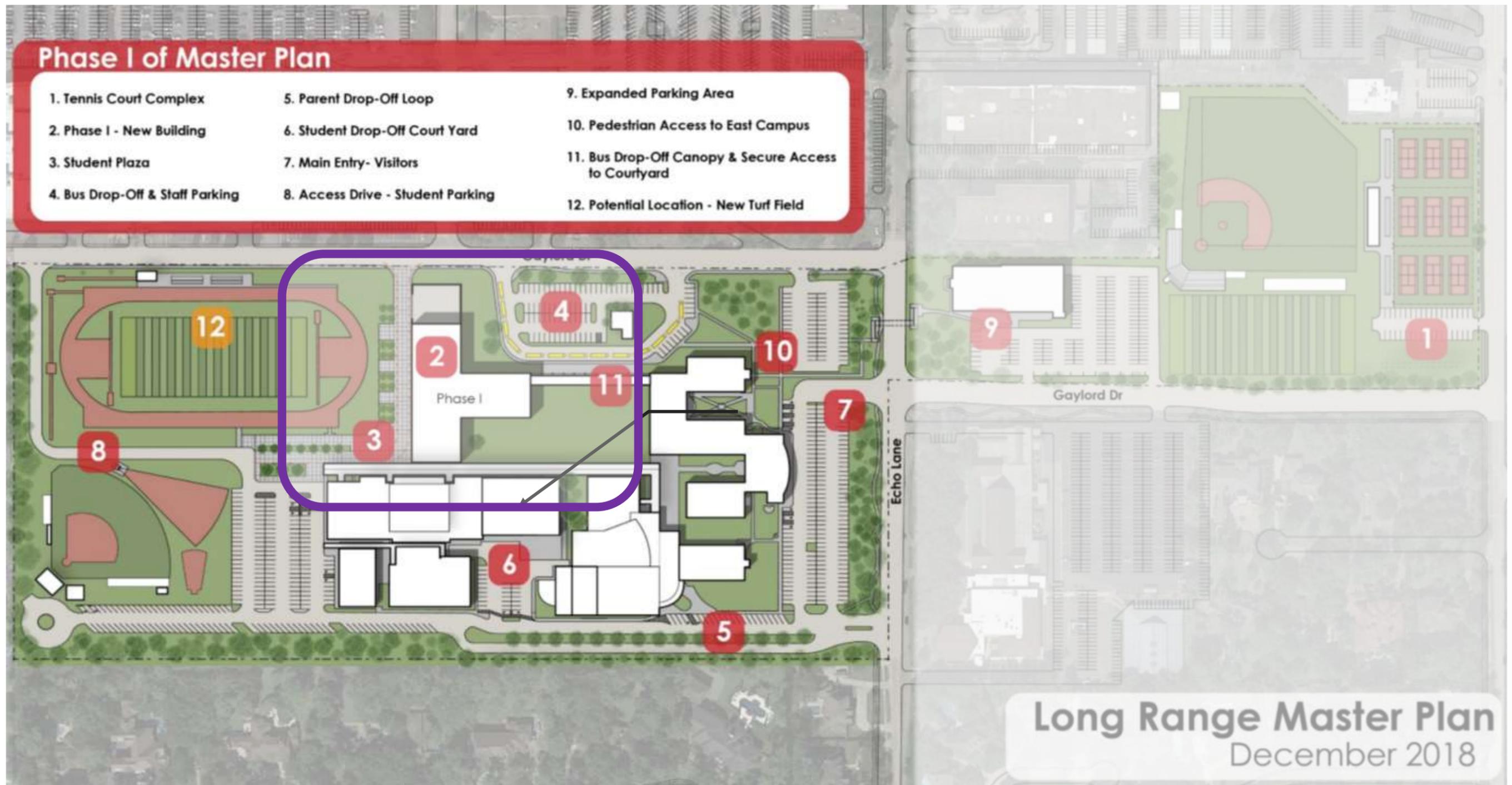


Scale

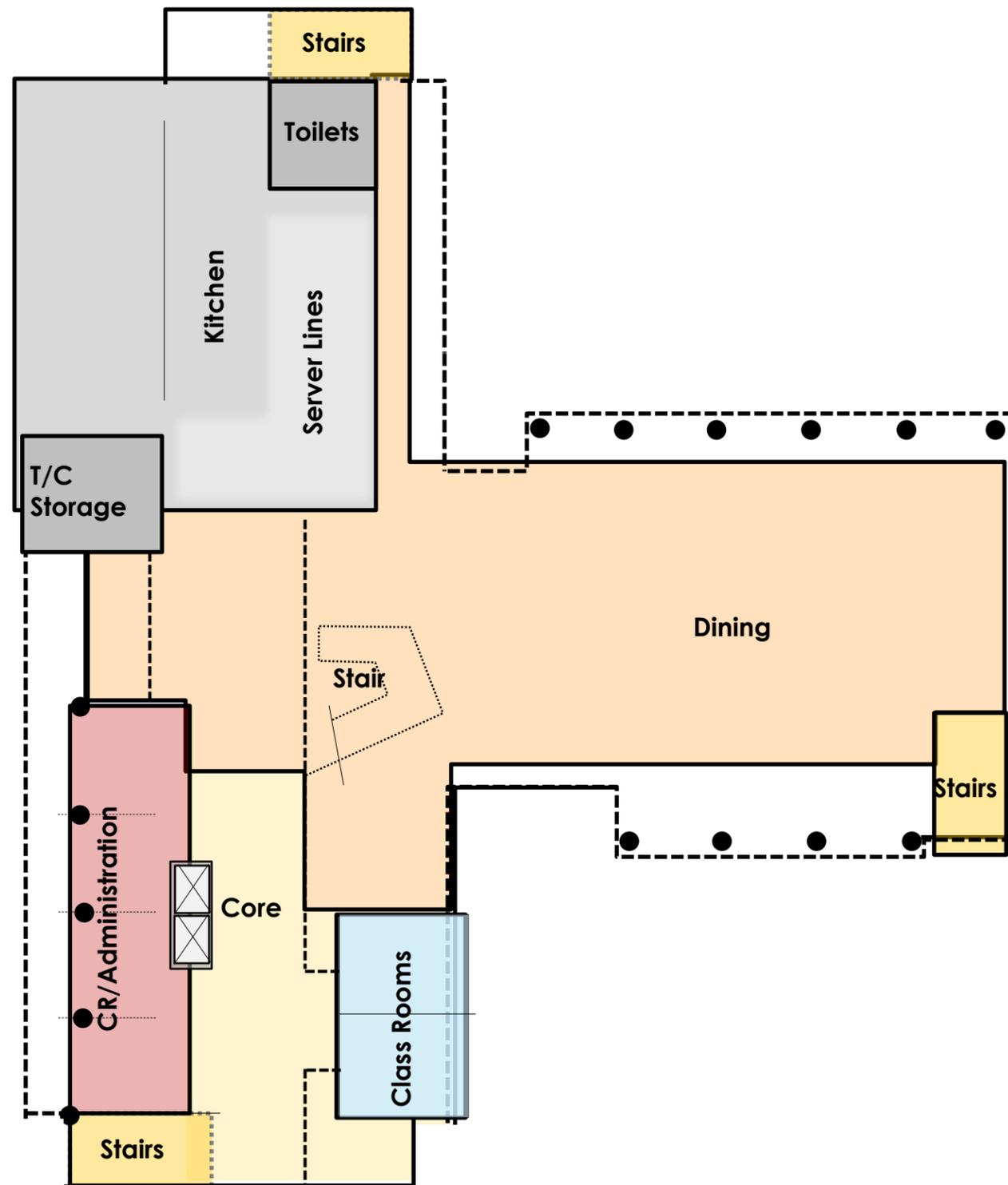


Phase I of Master Plan

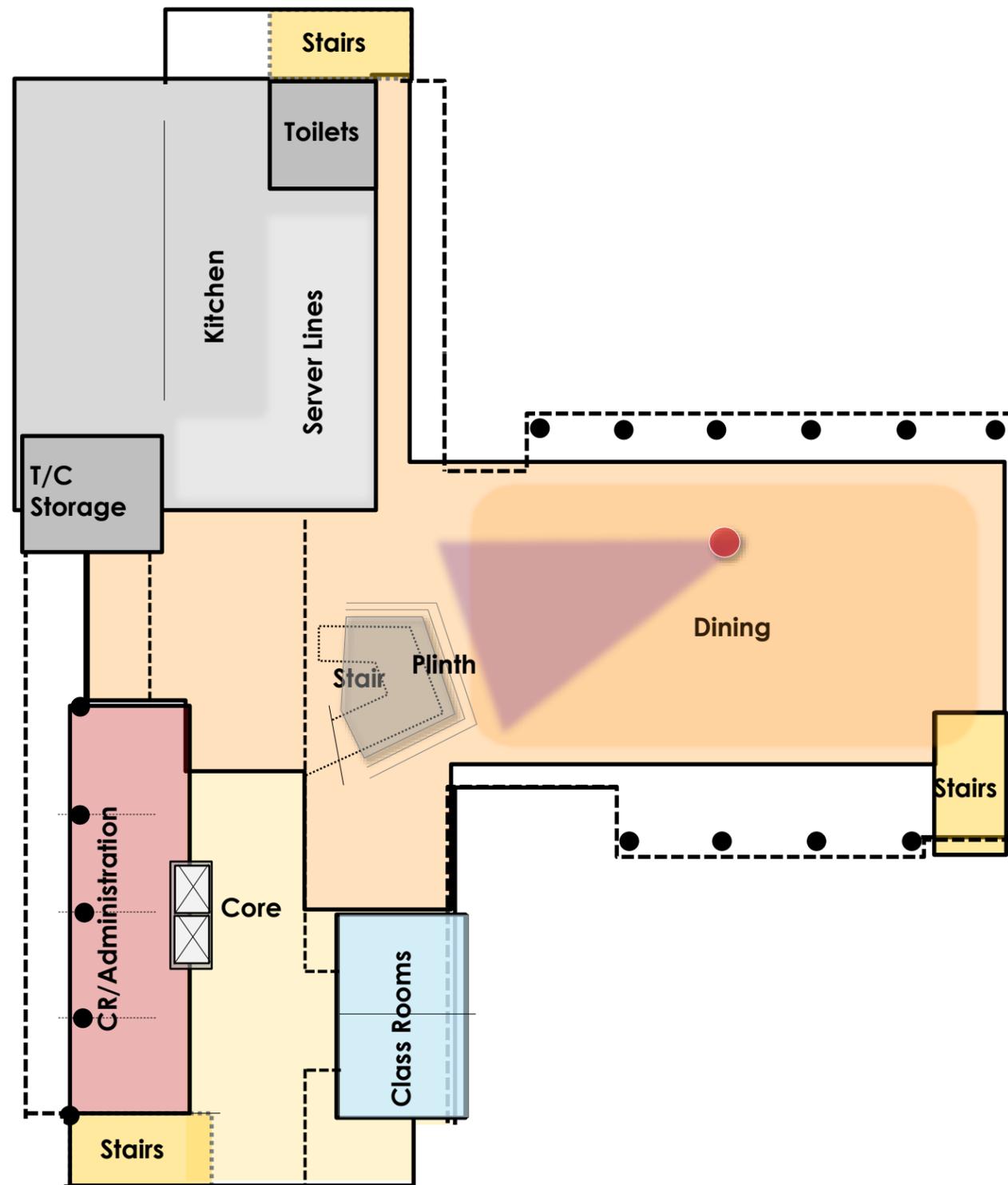
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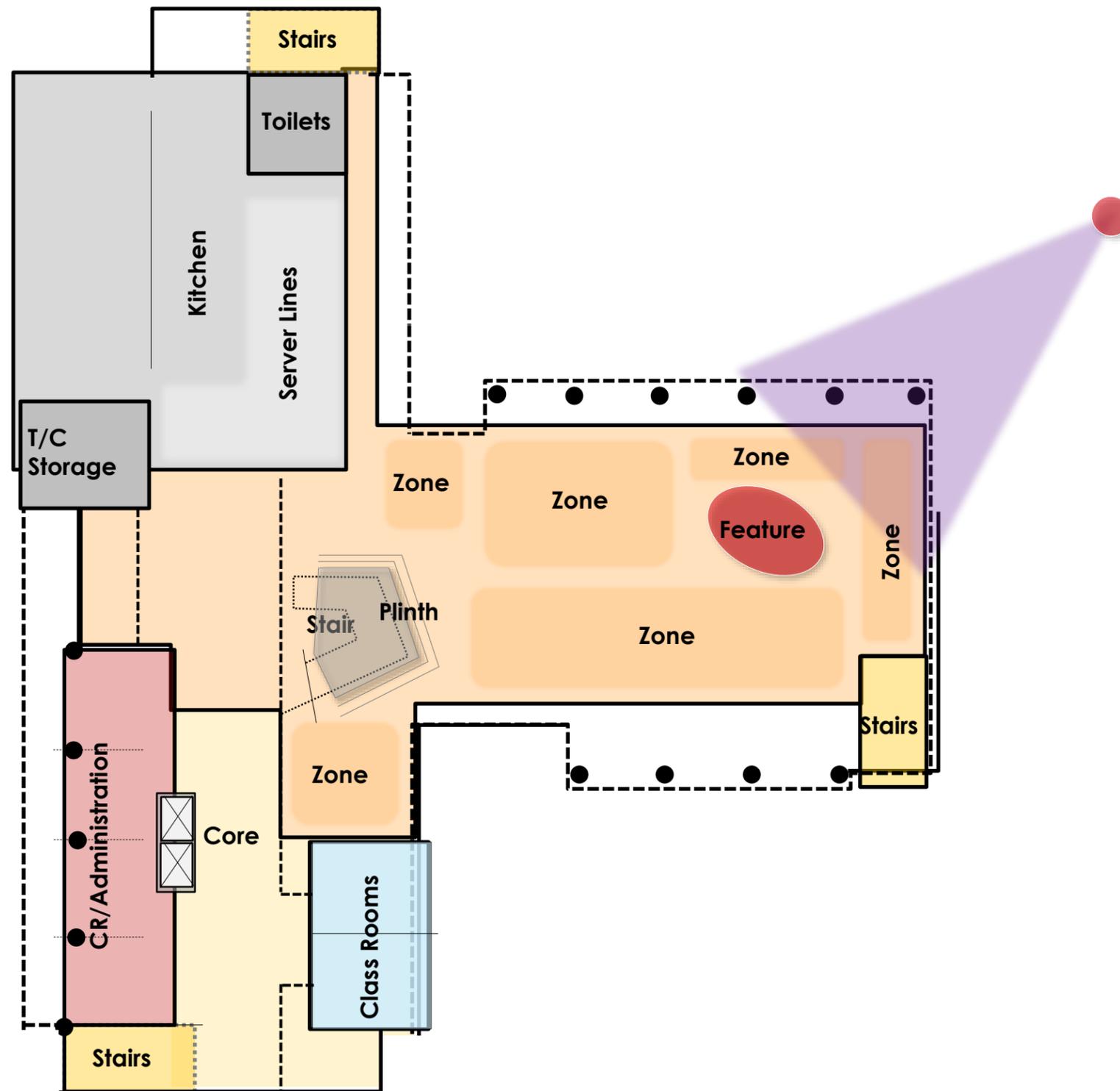
Long Range Master Plan
December 2018



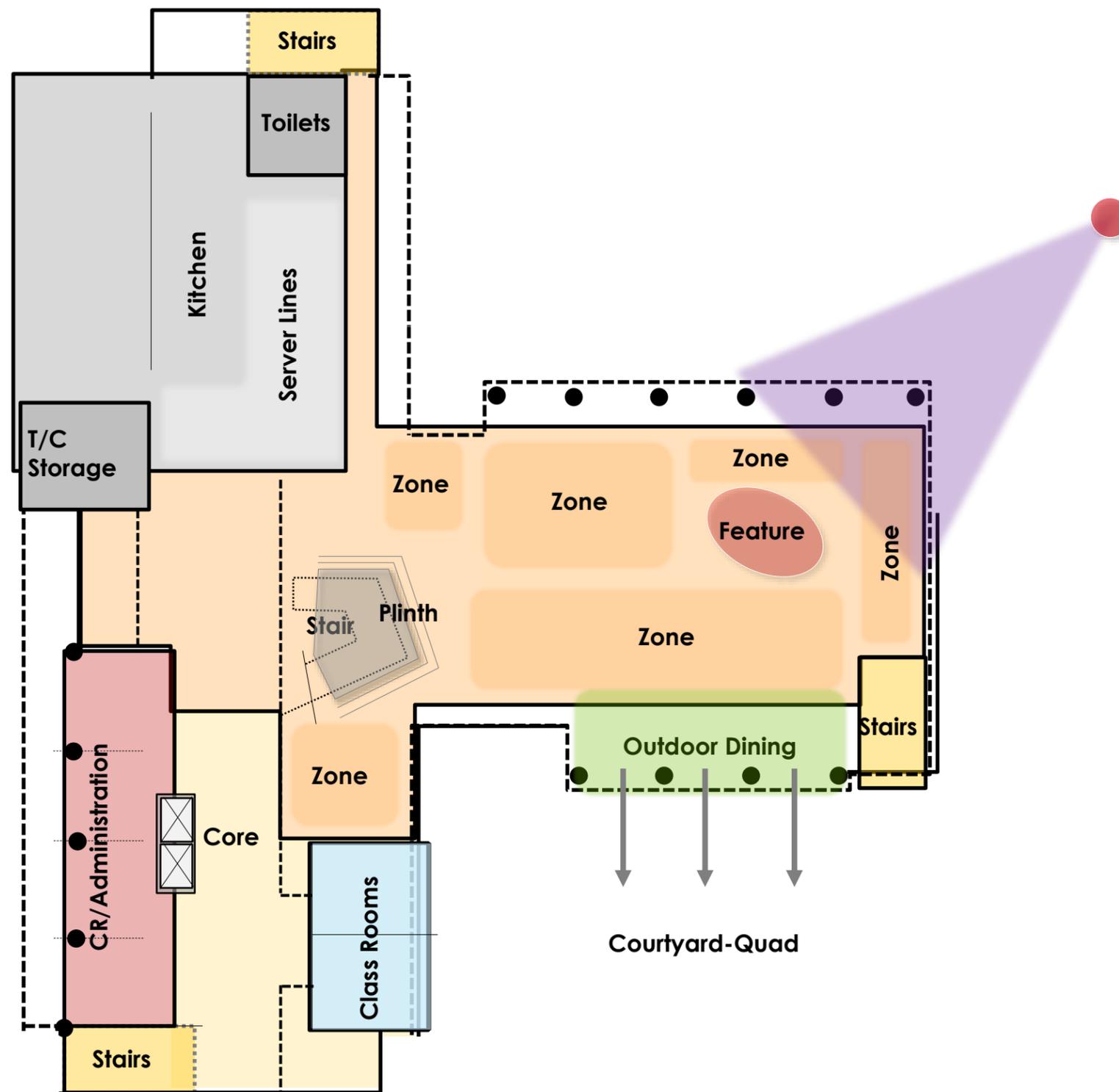
First Floor Plan



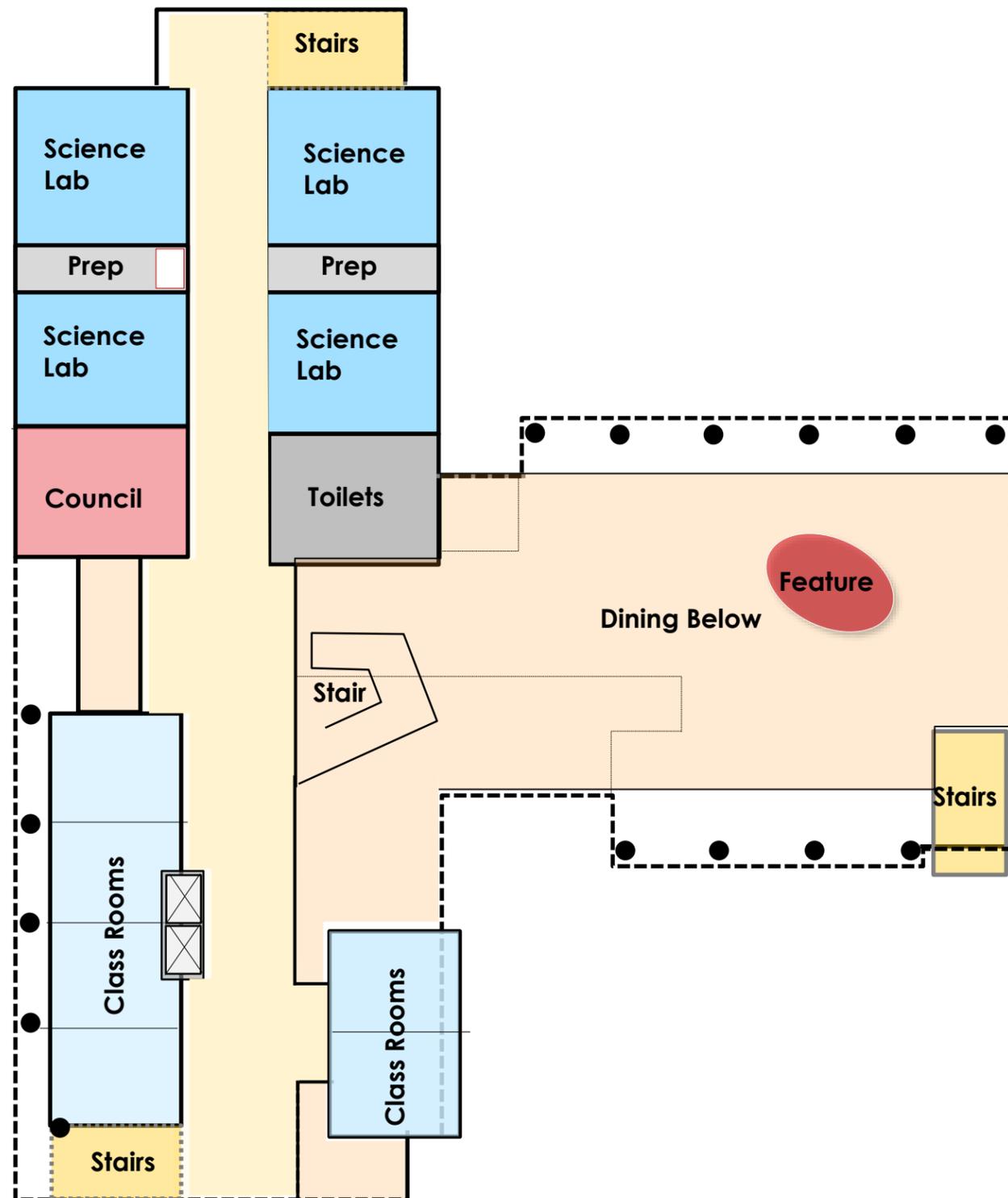
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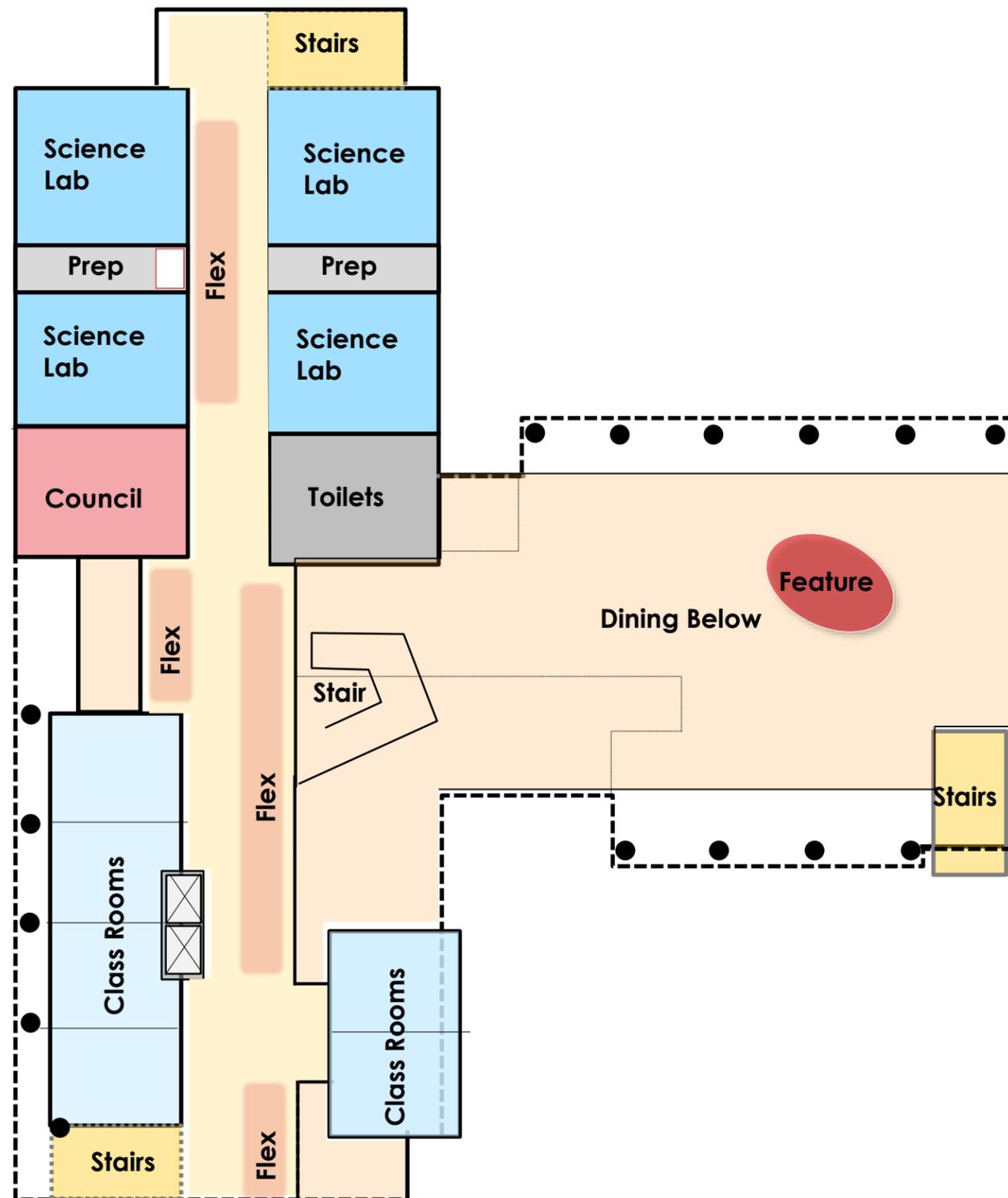
First Floor Plan



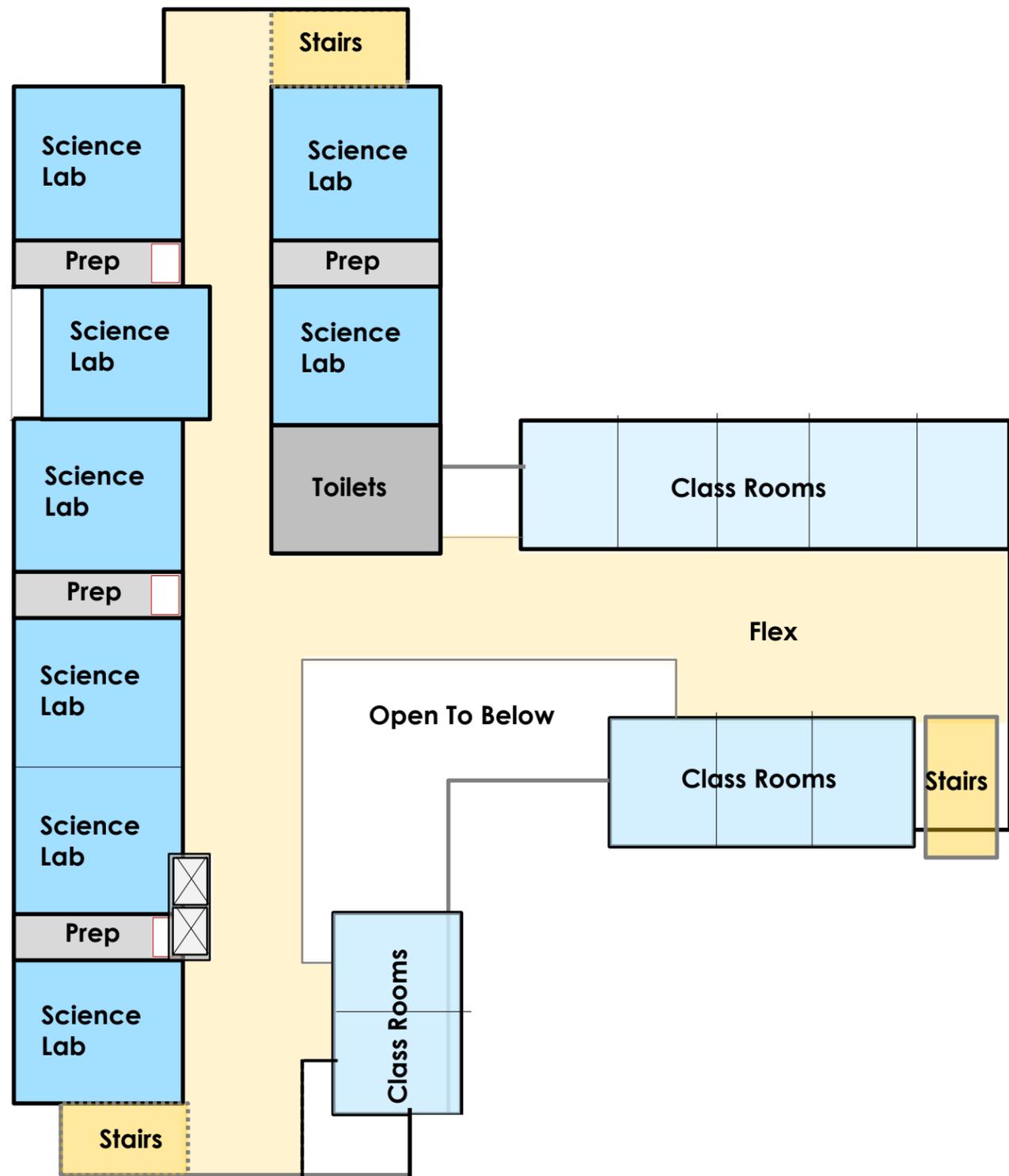
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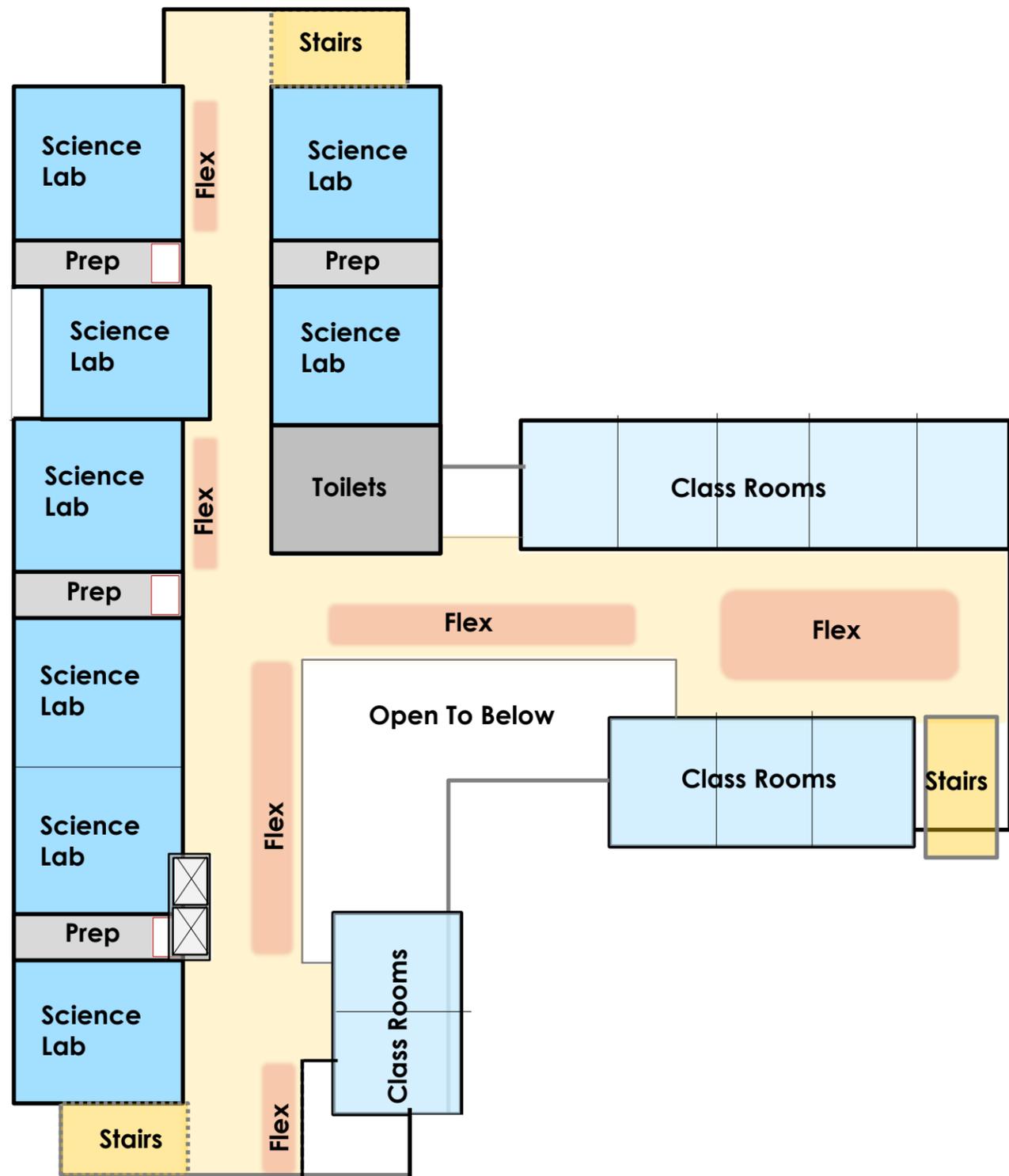
Second Floor Plan



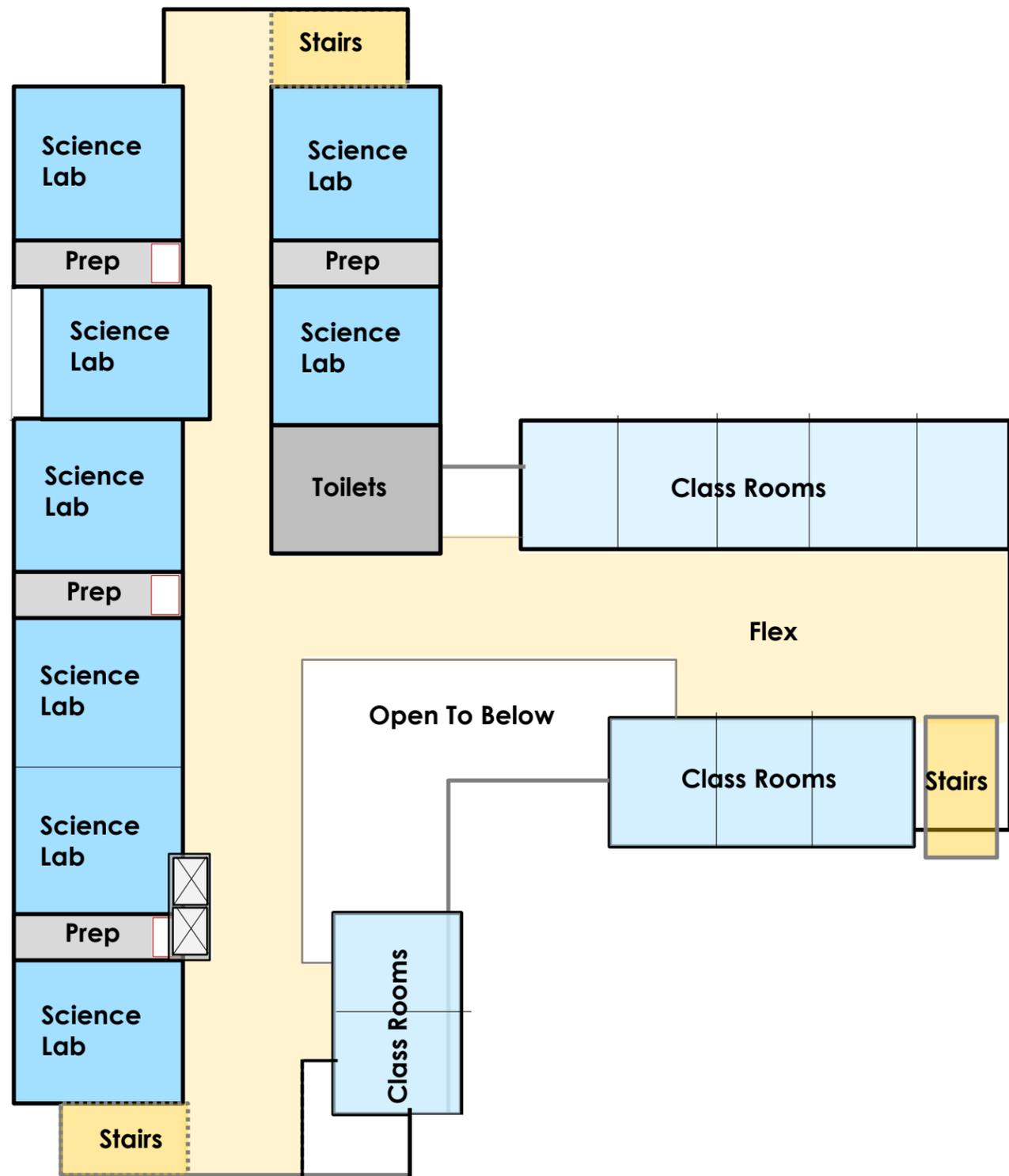
Second Floor Plan



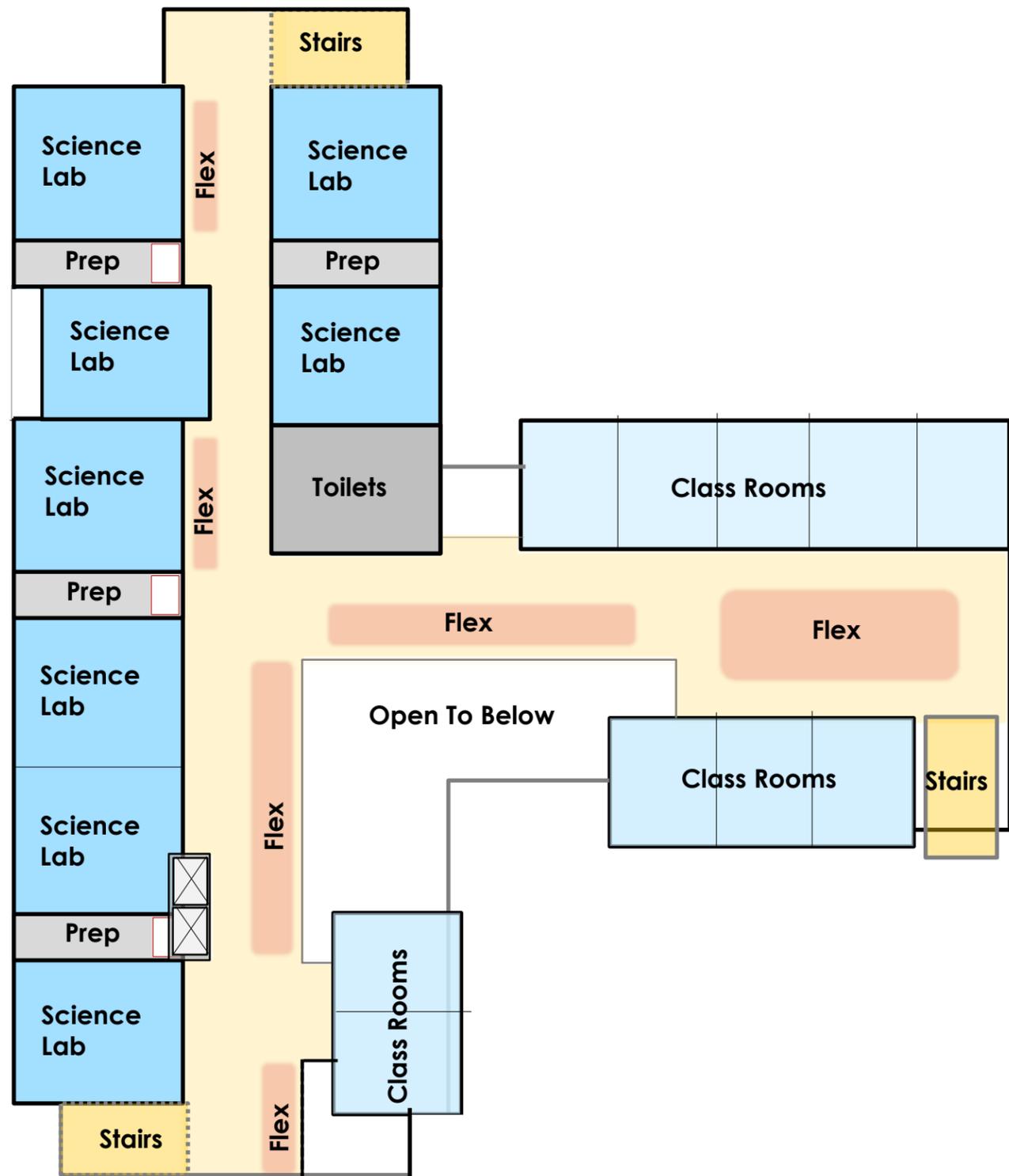
Third Floor Plan



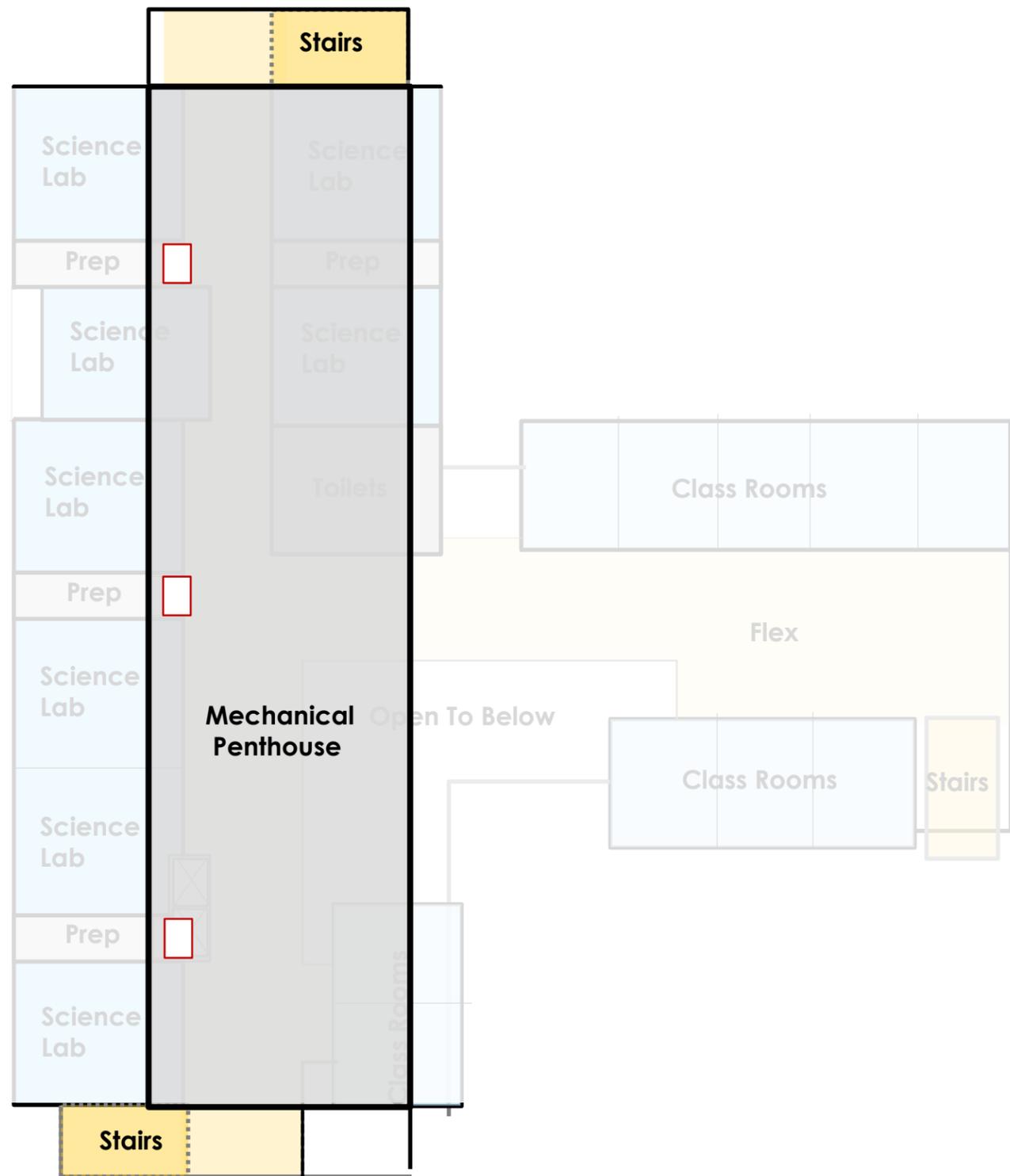
Third Floor Plan



Fourth Floor Plan



Fourth Floor Plan



Penthouse Plan

PAT INPUT

Floor Plan

Group Discussion:

- **Organization / Layout**
- **Spatial Adjacencies**
- **Flexibility**



PAT INPUT

TEACHING AND LEARNING



What activities do you anticipate needing to accomplish in the new space to facilitate:

- ...variety of teaching methods
- ...personalized learning for every student
- ...flexibility for group and individual work

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