



MOSAIC ES RENOVATION - DESIGN COMMITTEE - APRIL 19, 2021

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SCHEMATIC DESIGN

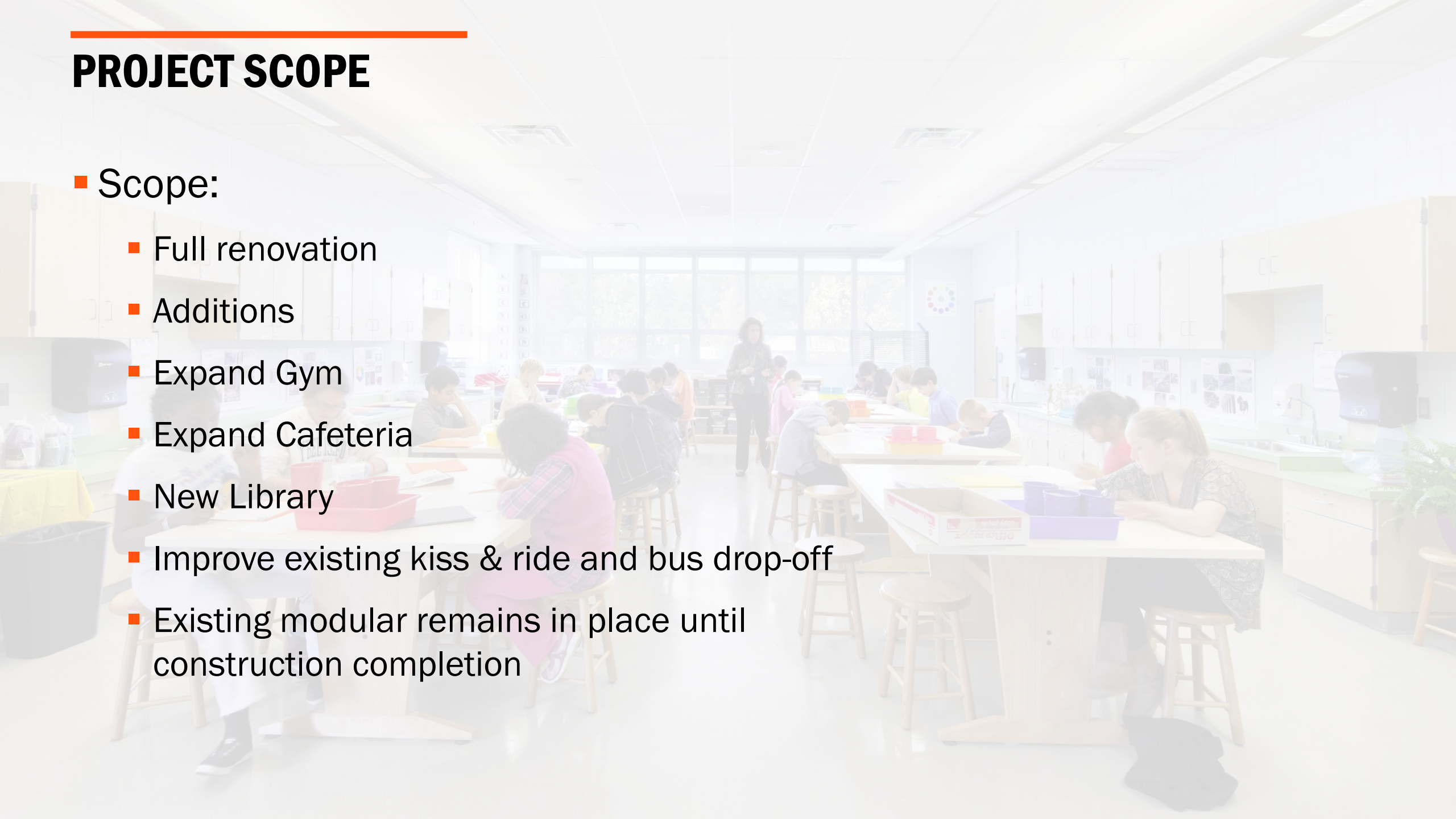


TEAM INTRODUCTION

- FCPS Design and Construction
 - Godson Nwosu – Coordinator
 - Holli McKinley – Architectural Engineer
- Mosaic ES Design Committee
- Consultant Team
 - Perkins Eastman – Architect
 - Pennoni – Civil Engineer
 - Ehlert Bryan – Structural Engineer
 - CMTA – MEP Engineer

PROJECT SCOPE

- Scope:
 - Full renovation
 - Additions
 - Expand Gym
 - Expand Cafeteria
 - New Library
 - Improve existing kiss & ride and bus drop-off
 - Existing modular remains in place until construction completion



PROPOSED PROJECT TIMELINE

- Design Committee Schematic Design (SD) meeting – 4/19/21
- Design Development (DD) phase – now thru 6/23/21

Key Dates:

- Bid Opening – Early Spring 2023
- Project Award – Early Spring 2023
- Construction Start – Spring 2023
- Completion of Project – Winter 2024

* Schedule is subject to change

AGENDA

- Creative Analysis of Existing Conditions
- Proposed Schematic Design
 - Site Plan
 - Floor Plans
- Discussion





CREATIVE ANALYSIS

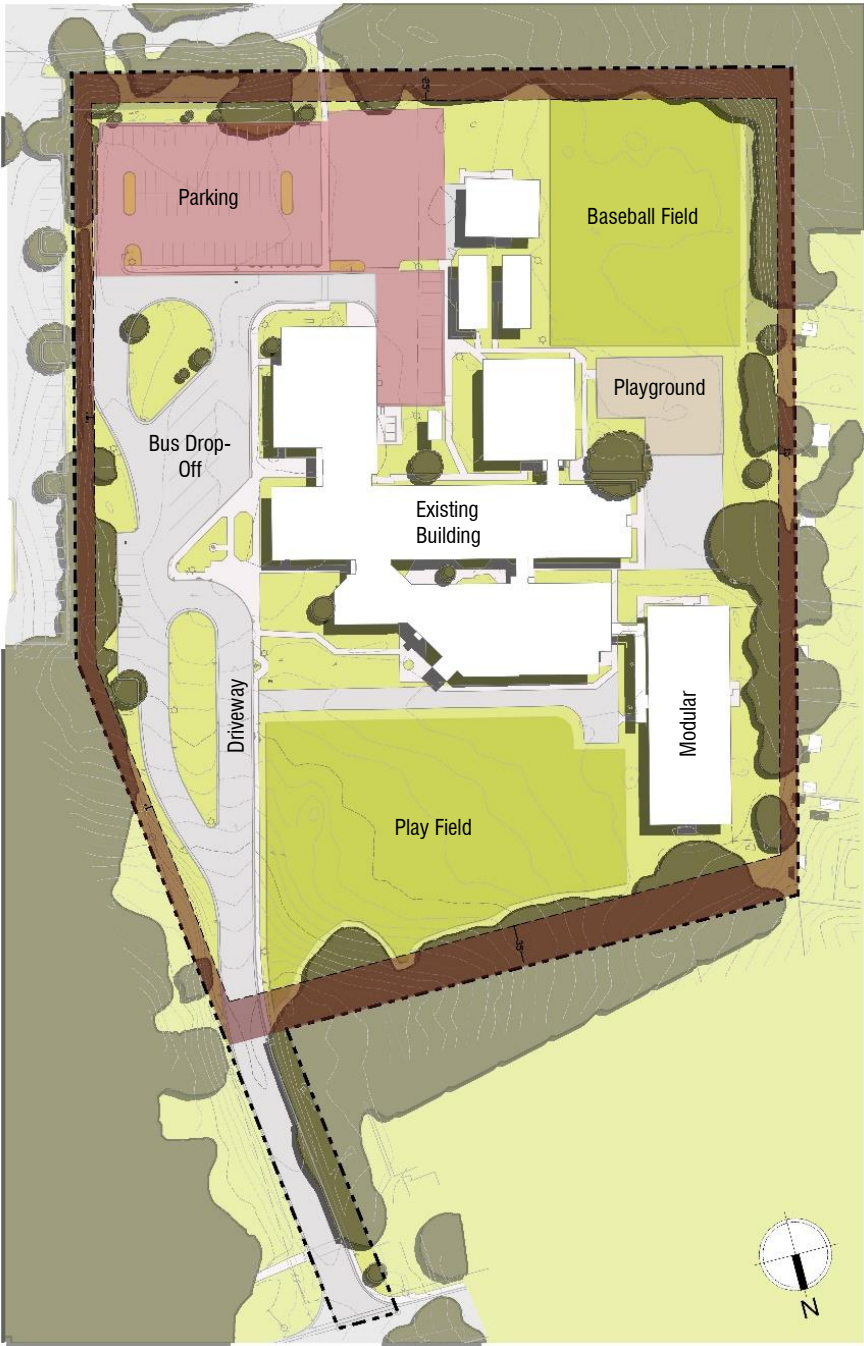
EXISTING SITE PLAN



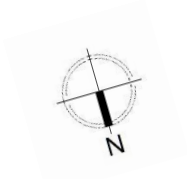
EXISTING CONDITIONS



EXISTING SITE CONDITIONS



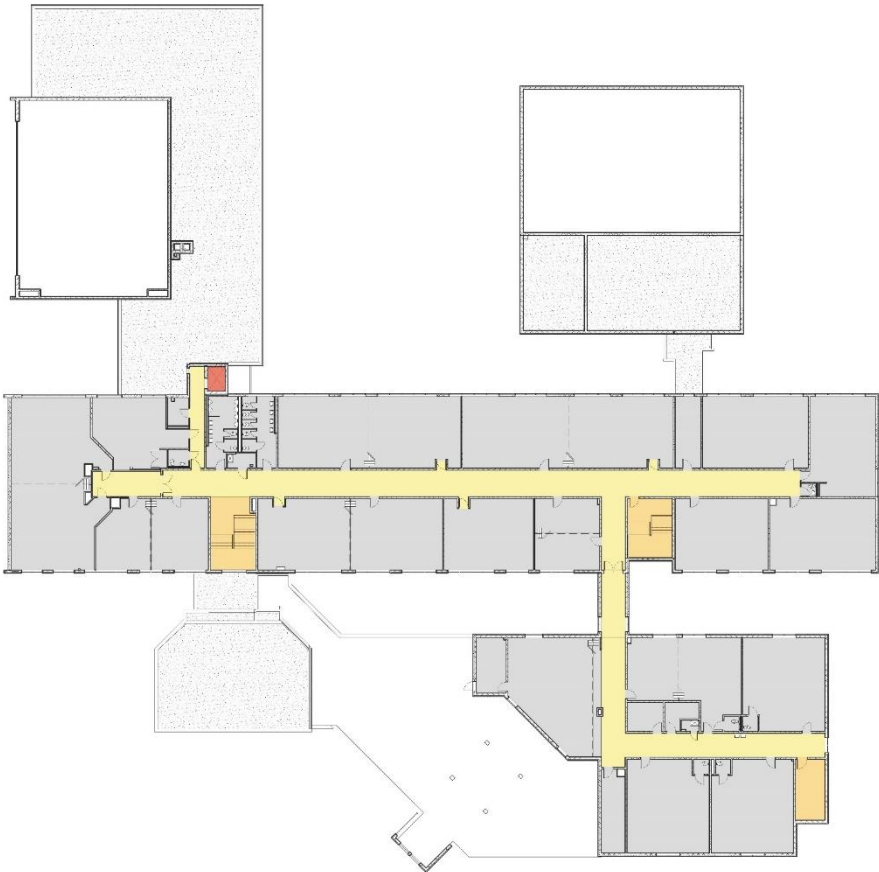
POTENTIAL ADDITION LOCATIONS



EXISTING - DESTINATIONS & CIRCULATION



1st FLOOR



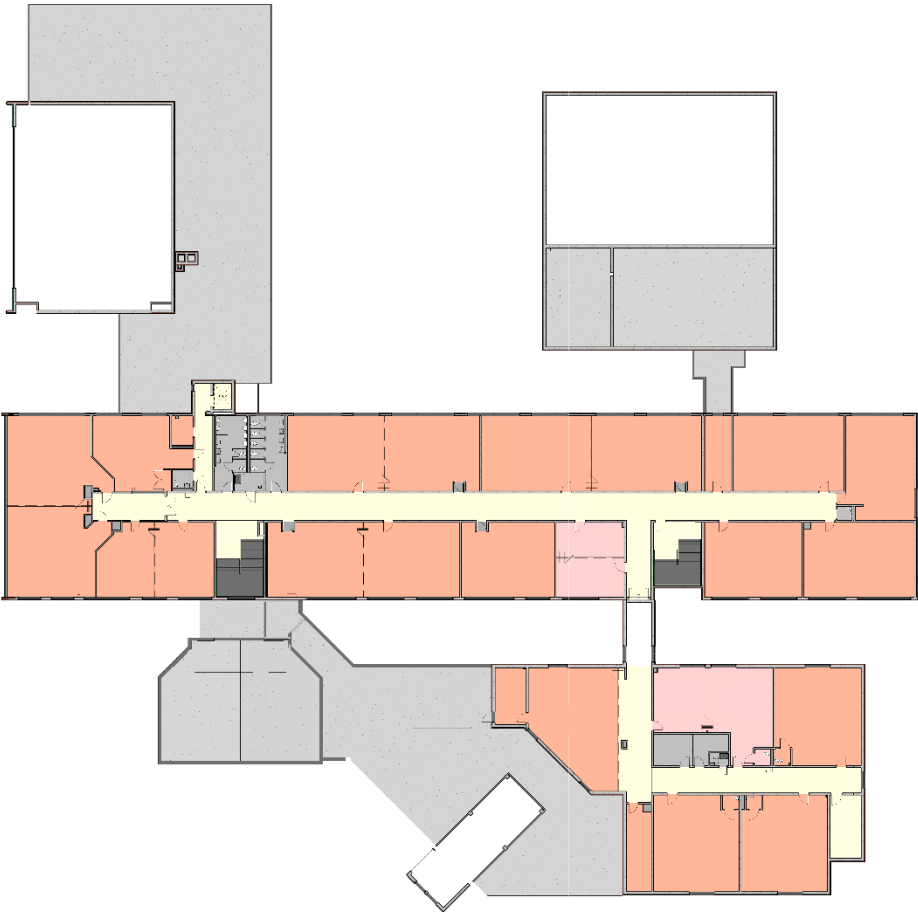
2nd FLOOR



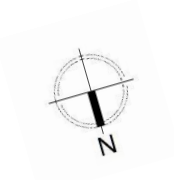
EXISTING FLOOR PLANS



1st FLOOR



2nd FLOOR



DESIGN PRINCIPLES

- Develop **Welcoming** Arrival Experience and Entry
- Provide **Safe Site** Circulation
- Improve Building **Organization**
- Shape a **Heart** of the School
- Express **Diversity** of the School
- Provide **Extended Learning** Opportunities
- Maximize **Natural Light** to the Interior
- Engage **Courtyards** and Outdoor Spaces





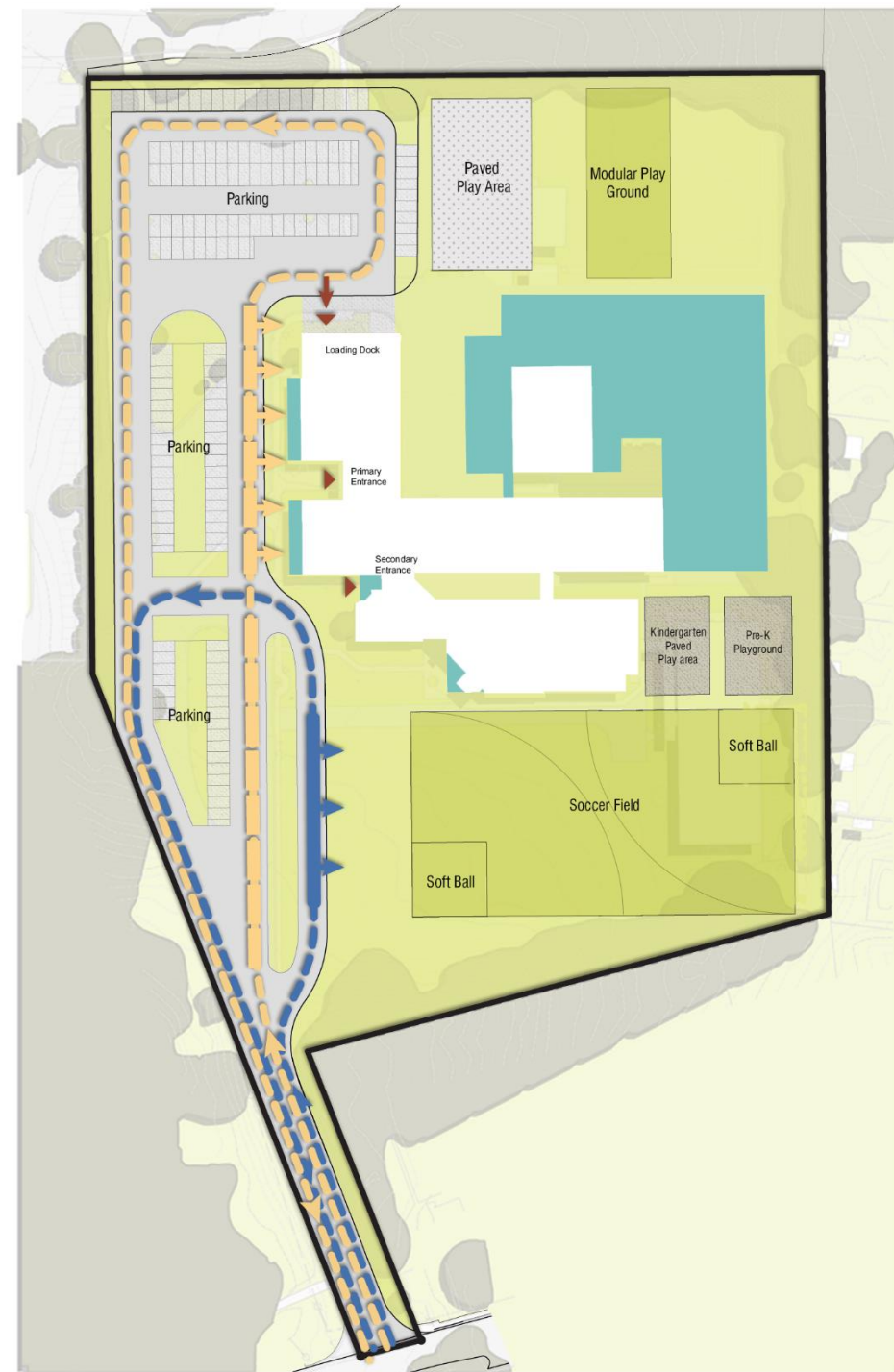
COURTYARD CONNECTIONS

SCHEMATIC DESIGN

PROPOSED SITE PLAN

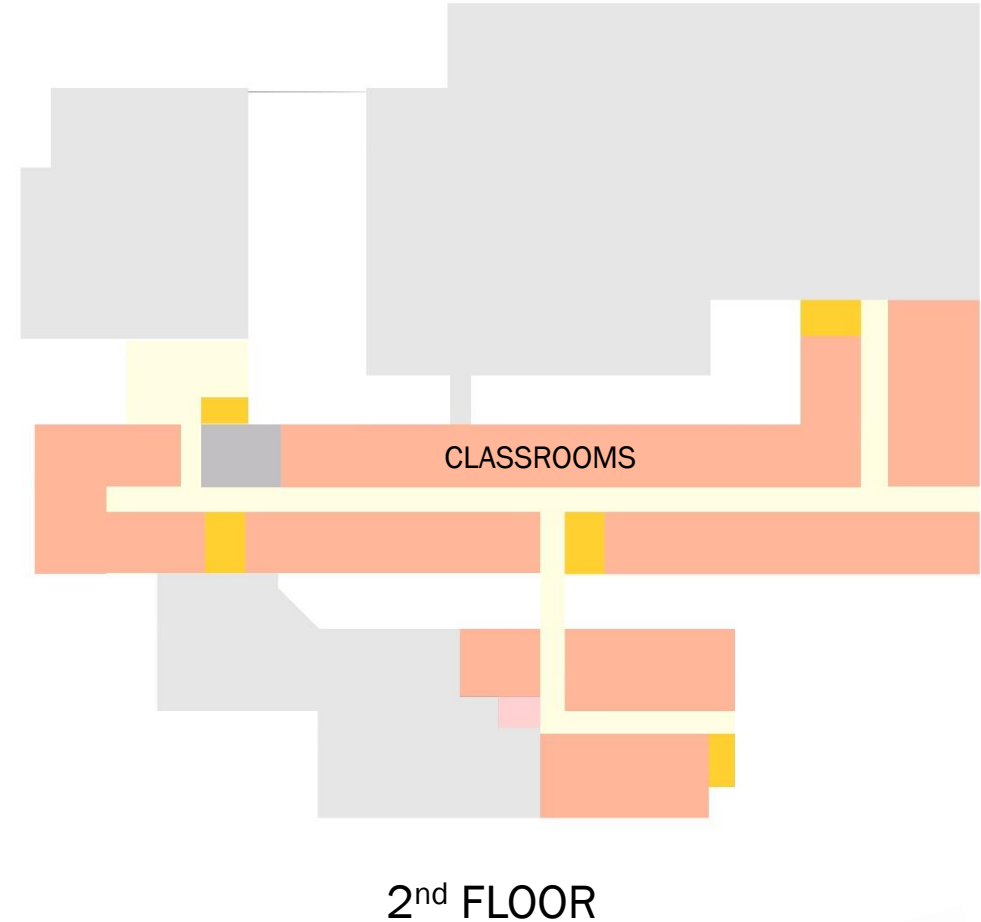
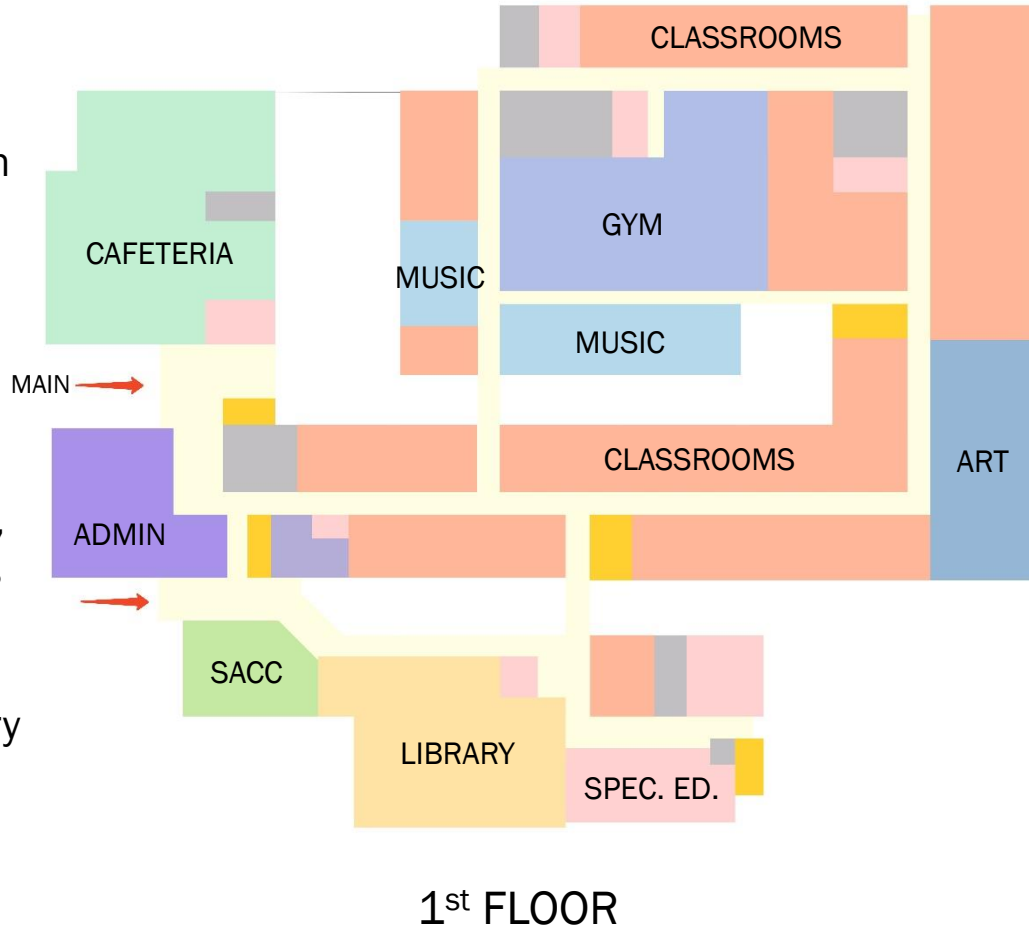
- ▼ ACCESS POINT
- CAR QUEUEING
- CAR CIRCULATION
- BUS QUEUEING
- BUS CIRCULATION
- LOADING CIRCULATION

- EXISTING BUILDING RENOVATION
- ADDITION



PROPOSED DIAGRAMS

- Expands to the South & West
- Courtyards connect program spaces
- Cafeteria engages new active courtyard
- Main Entry remains in existing location, with direct views into new courtyard
- Brand new library in existing location
- May maintain modular during construction

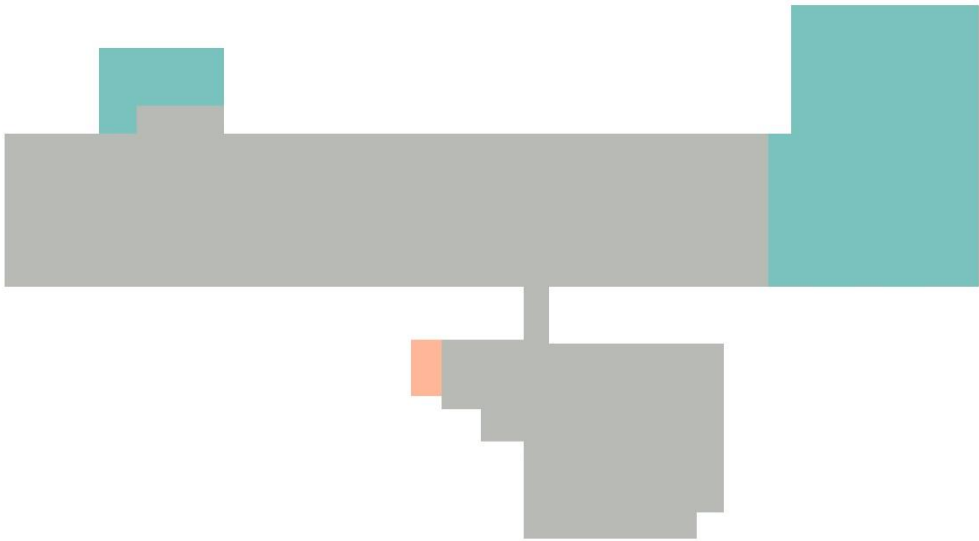


PROPOSED ADD/DEMO DIAGRAM

- RENOVATION
- ADDITION
- DEMO



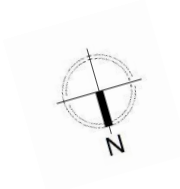
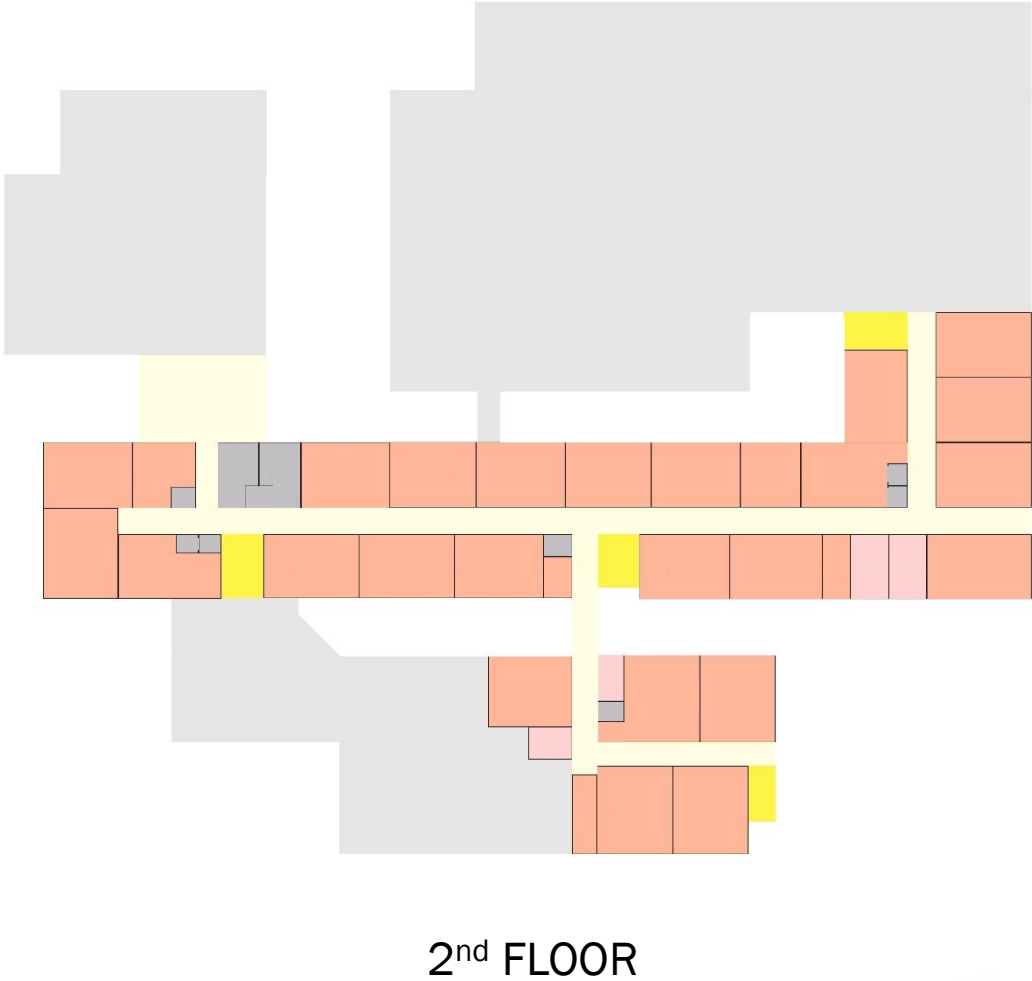
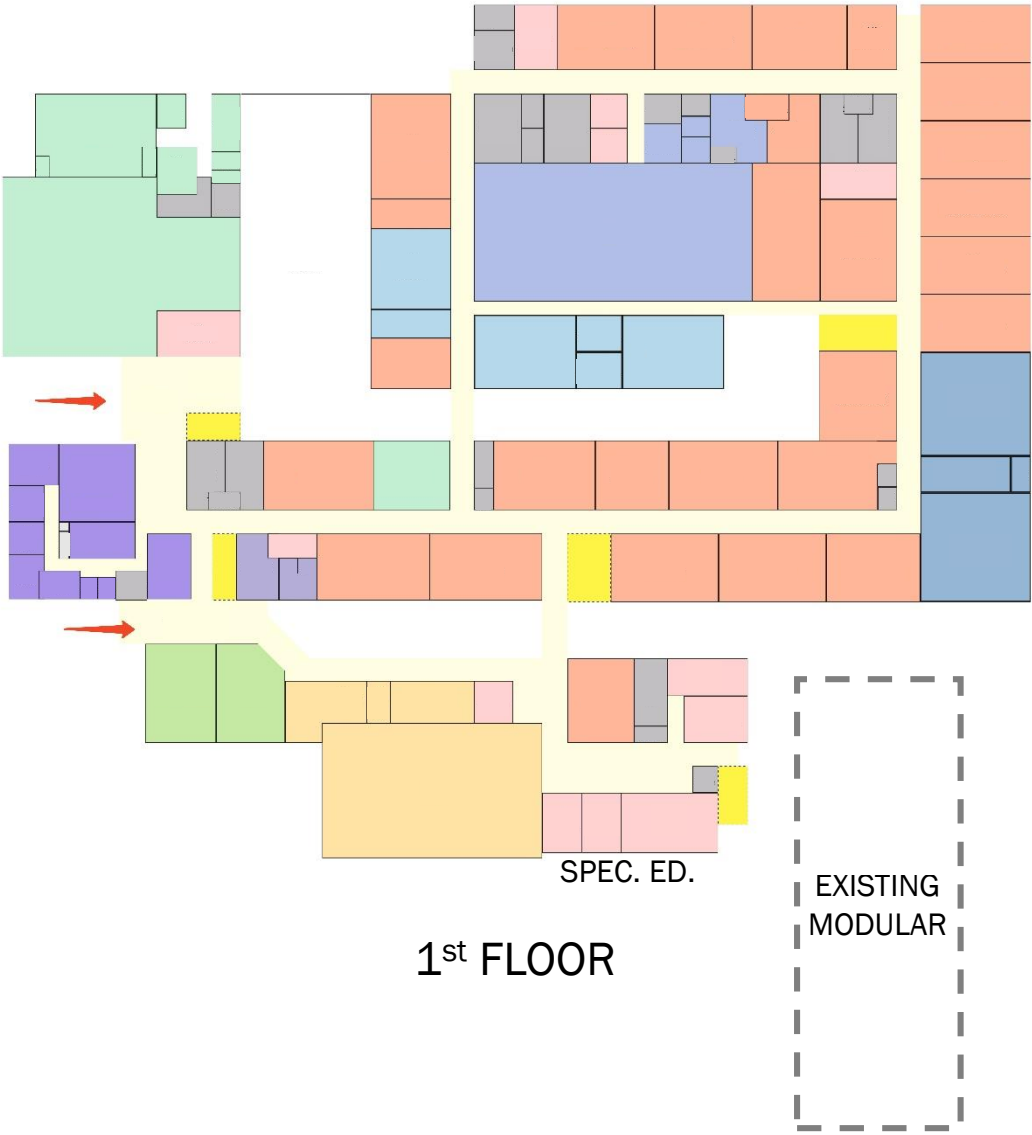
1st FLOOR



2nd FLOOR



PROPOSED FLOOR PLANS





DISCUSSION



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THANK YOU

