

# DRANESVILLE ELEMENTARY SCHOOL DESIGN COMMITTEE MEETING



## SCHEMATIC DESIGN

MAY 31, 2022

# Team Introduction

- FCPS Design and Construction
  - Paul Parkinson – Coordinator
  - Holli McKinley – Architectural Engineer
- Consultant Design Team
  - MTF Architecture – Architect
  - Adtek Engineers – Civil Engineer
  - Linton Engineering – Structural Engineer
  - 2rw Consultants – MEP Engineer



# Design Committee Role

- Presentation and Review of Preliminary Design
  - Existing Conditions
  - Areas of Addition
  - Areas of Renovation
  - Parking Configurations
  - Site Access and Traffic Flow
- Questions
- Suggestions
- Concerns

# Project Timeline

- ❖ Schematic Design Phase Spring 2022
- Design Committee Meeting #1 5/31/2022**
- ❖ Design Development Phase Summer 2022
- ❖ Intermediate Design Phase Fall/Winter 2022
- ❖ Final Design Phase Winter/Spring 2023
- ❖ Permit Phase Spring 2023 - Spring 2024
- ❖ Construction Start Summer 2024
- ❖ Final Completion Summer 2026

# Project Scope

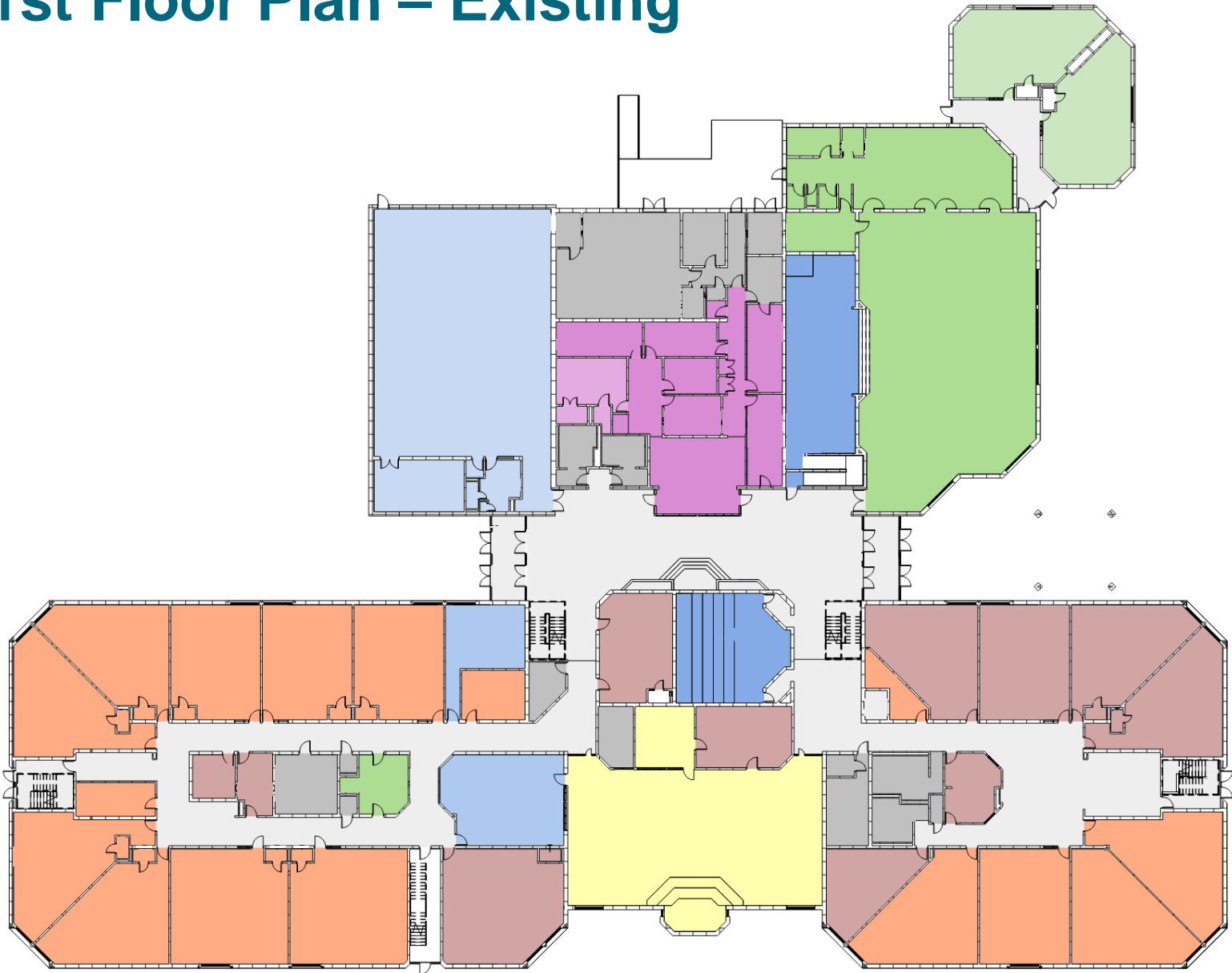
- FCPS Educational Specifications – Modified Criteria
  - Current Enrollment: 616 students
  - Proposed Design Capacity: 1000 students
- Additions
  - Cafeteria and Main Corridor Expansion
  - New Classrooms
- Renovations
  - Administrative Suite Relocation w/ Security Vestibule
  - Reconfigured and Renewed Classrooms and Support
  - New Library
  - Renovated and Enlarged Gymnasium
  - New Mechanical and Plumbing Systems
  - New Windows, Doors, Finishes
- Occupied Phased Construction



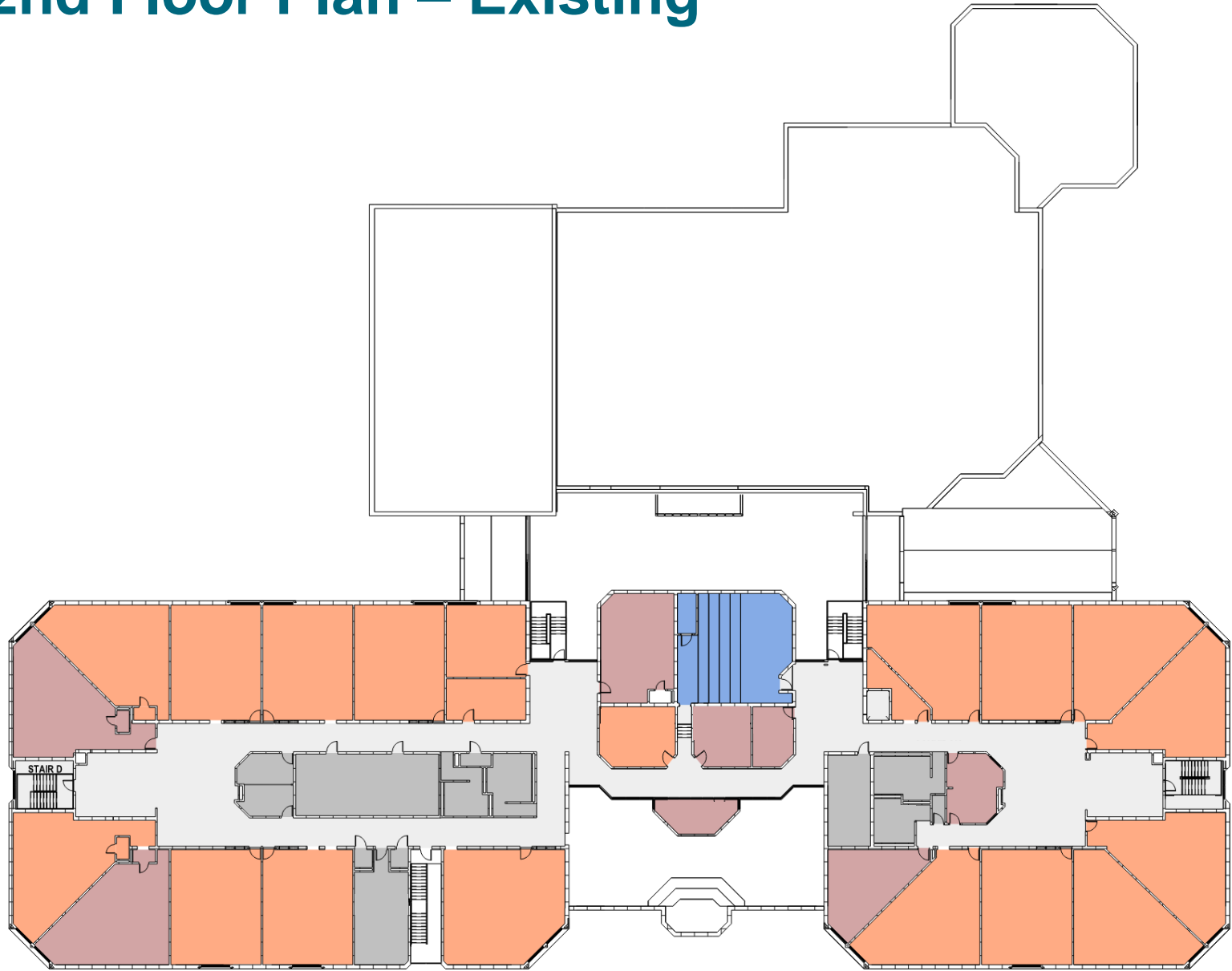
# Site Plan – Existing



# 1st Floor Plan – Existing

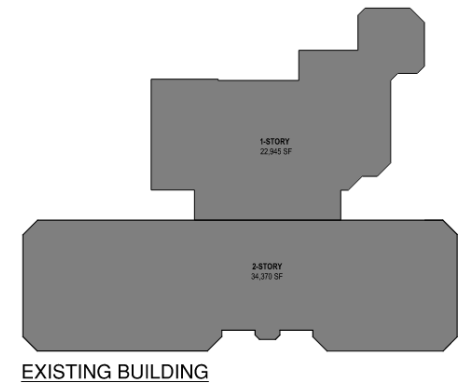


# 2nd Floor Plan – Existing

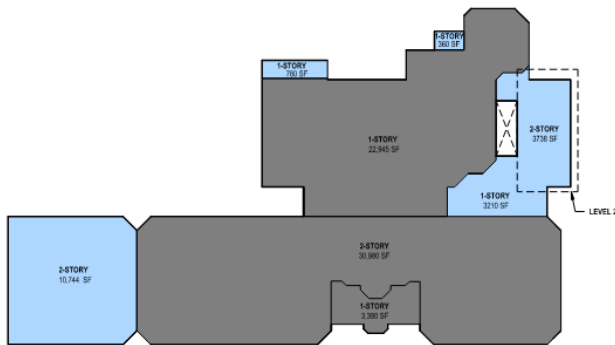




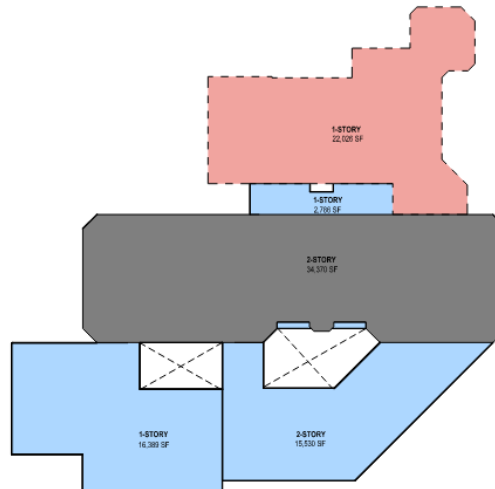
# Proposed Design Concept Options Summary



## EXTENDED AXIS OPTION



## FLIPPED AXIS OPTION



## CAFE COURTYARD OPTION



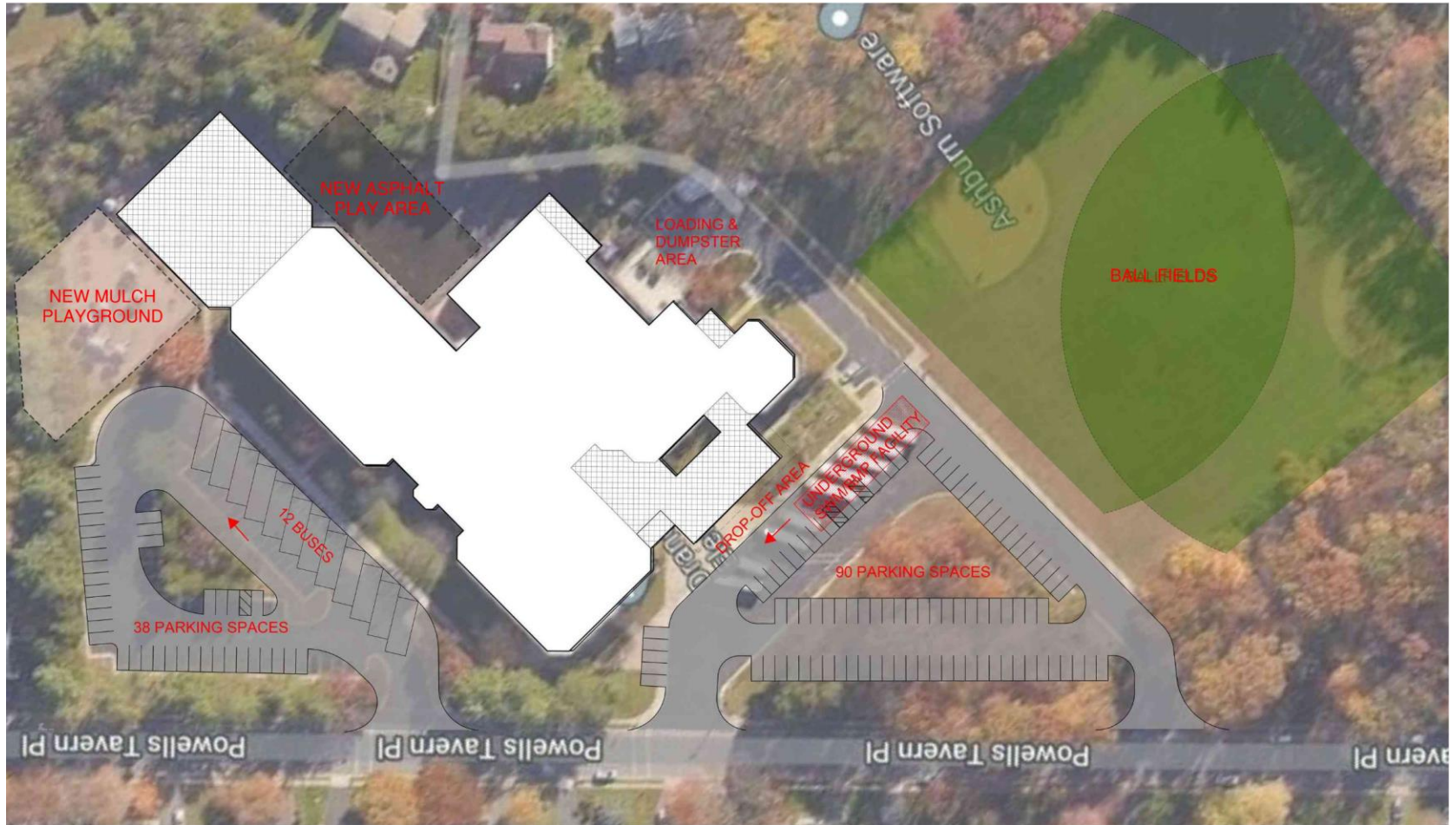
### LEGEND

- EXISTING TO REMAIN/ RENOVATION
- DEMOLITION
- NEW CONSTRUCTION/ ADDITION

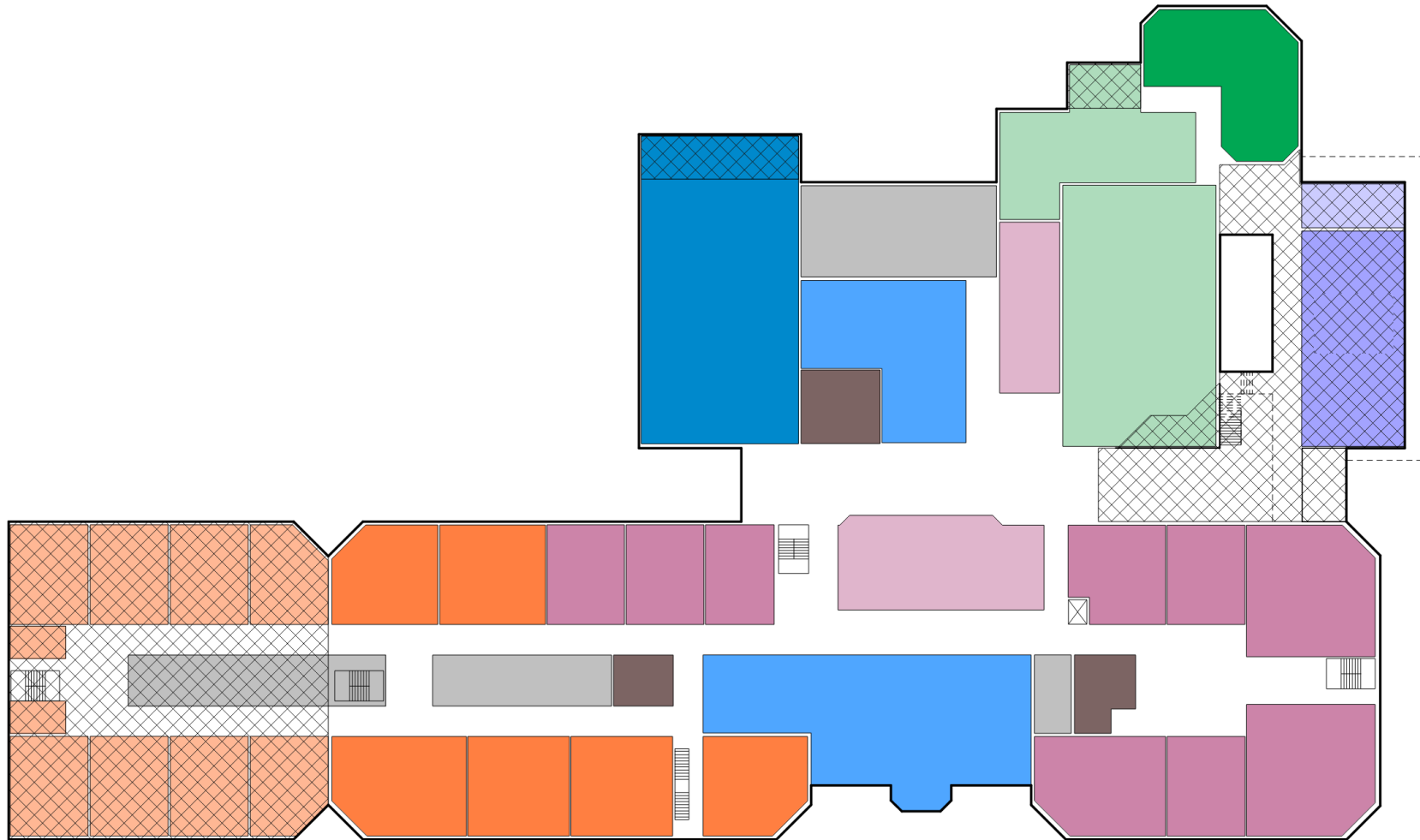


# Site Plan

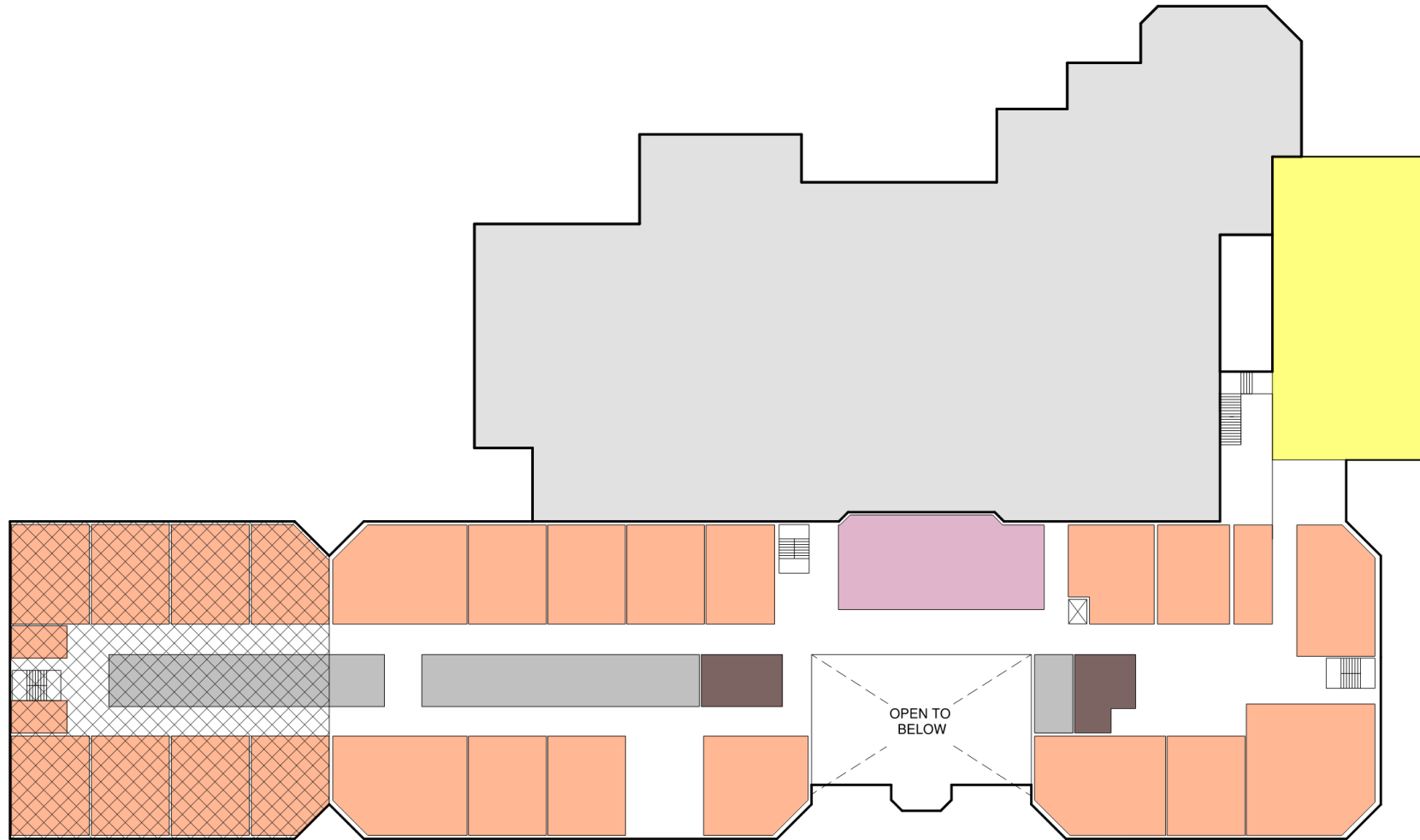
## Proposed New Work – “Extended Axis” Option



# 1<sup>st</sup> Floor Plan Proposed New Work – “Extended Axis” Option



# 2nd Floor Plan Proposed New Work – “Extended Axis” Option





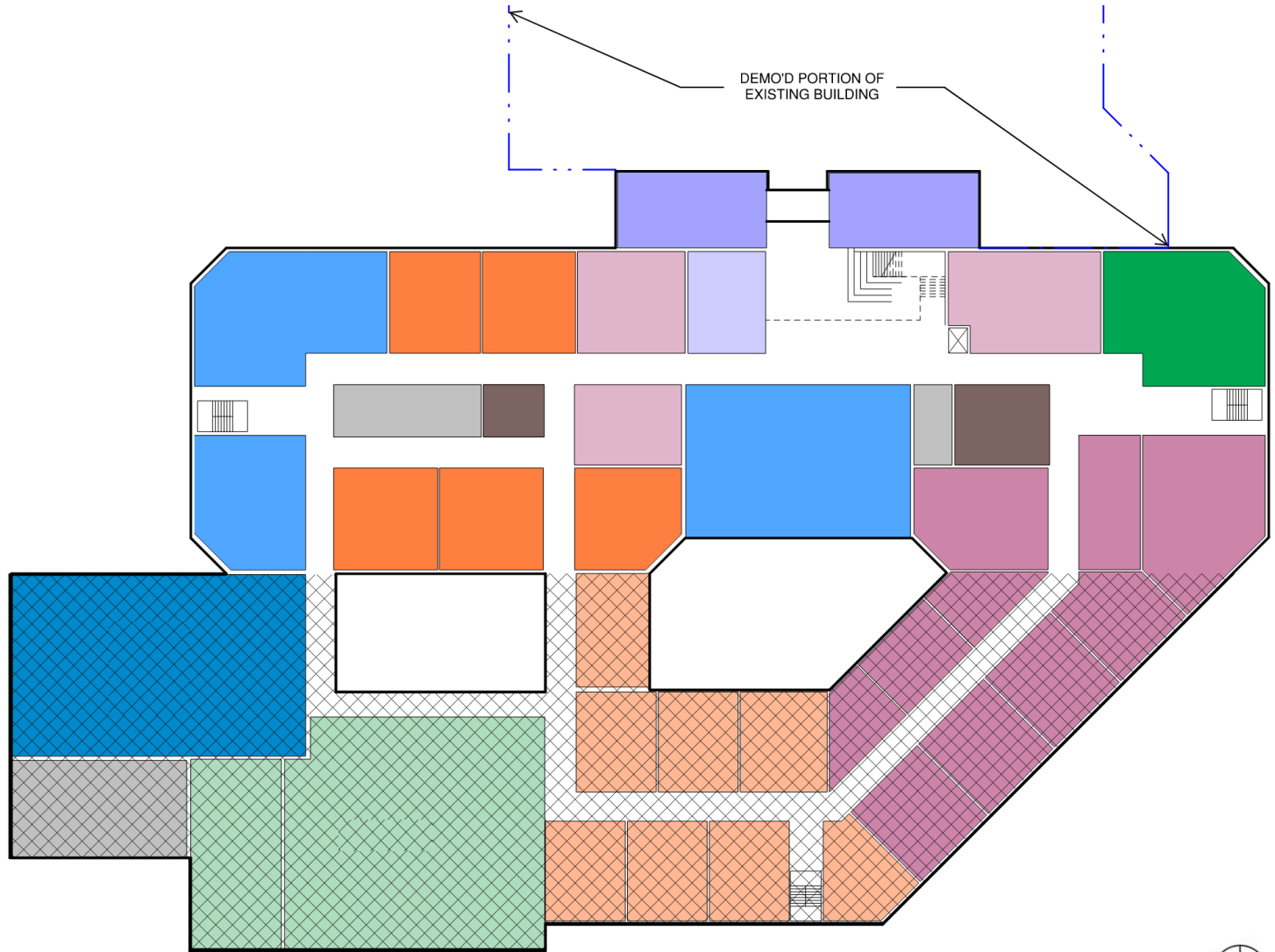
# Site Plan

## Proposed New Work – “Flipped Axis” Option

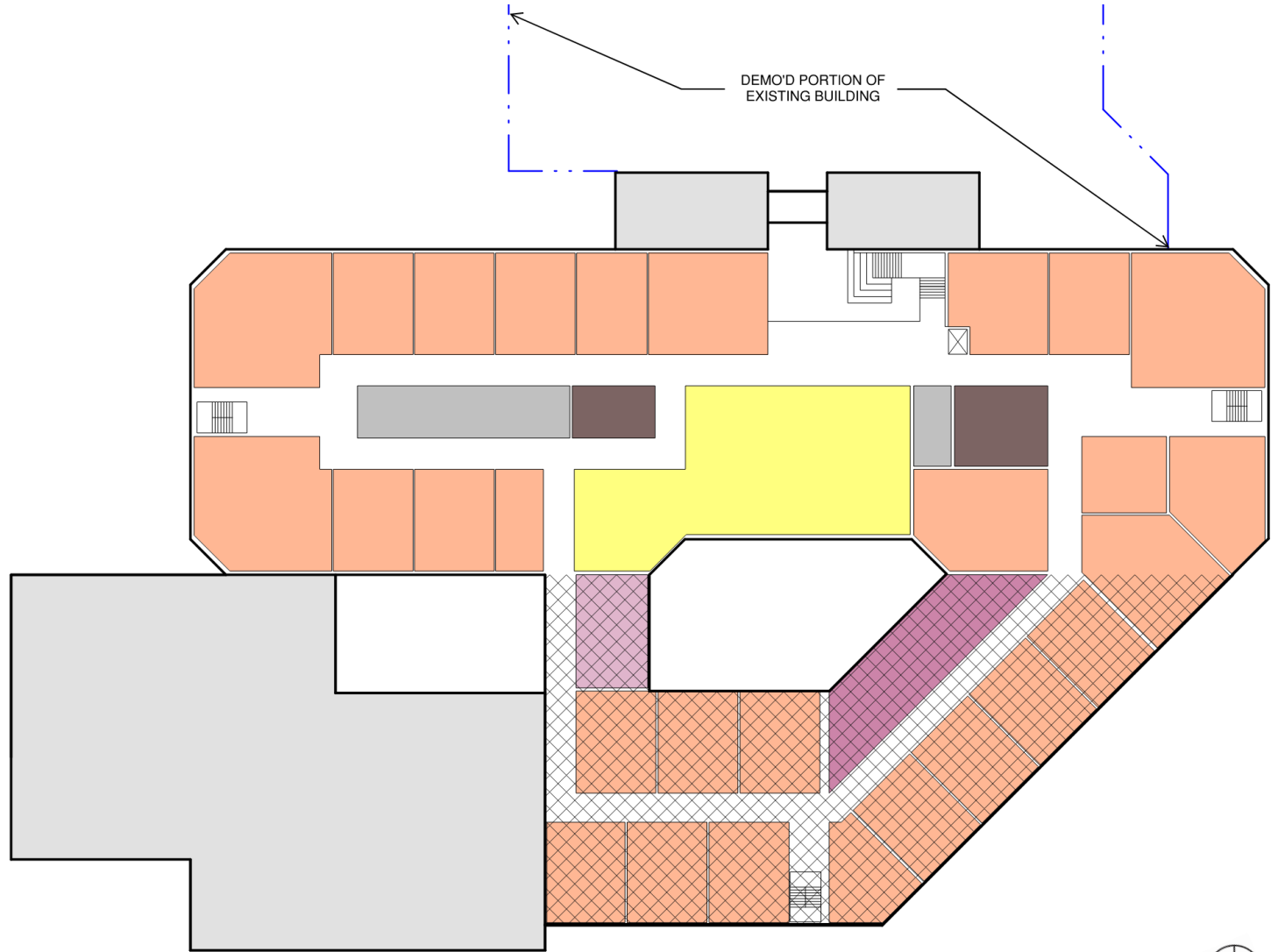




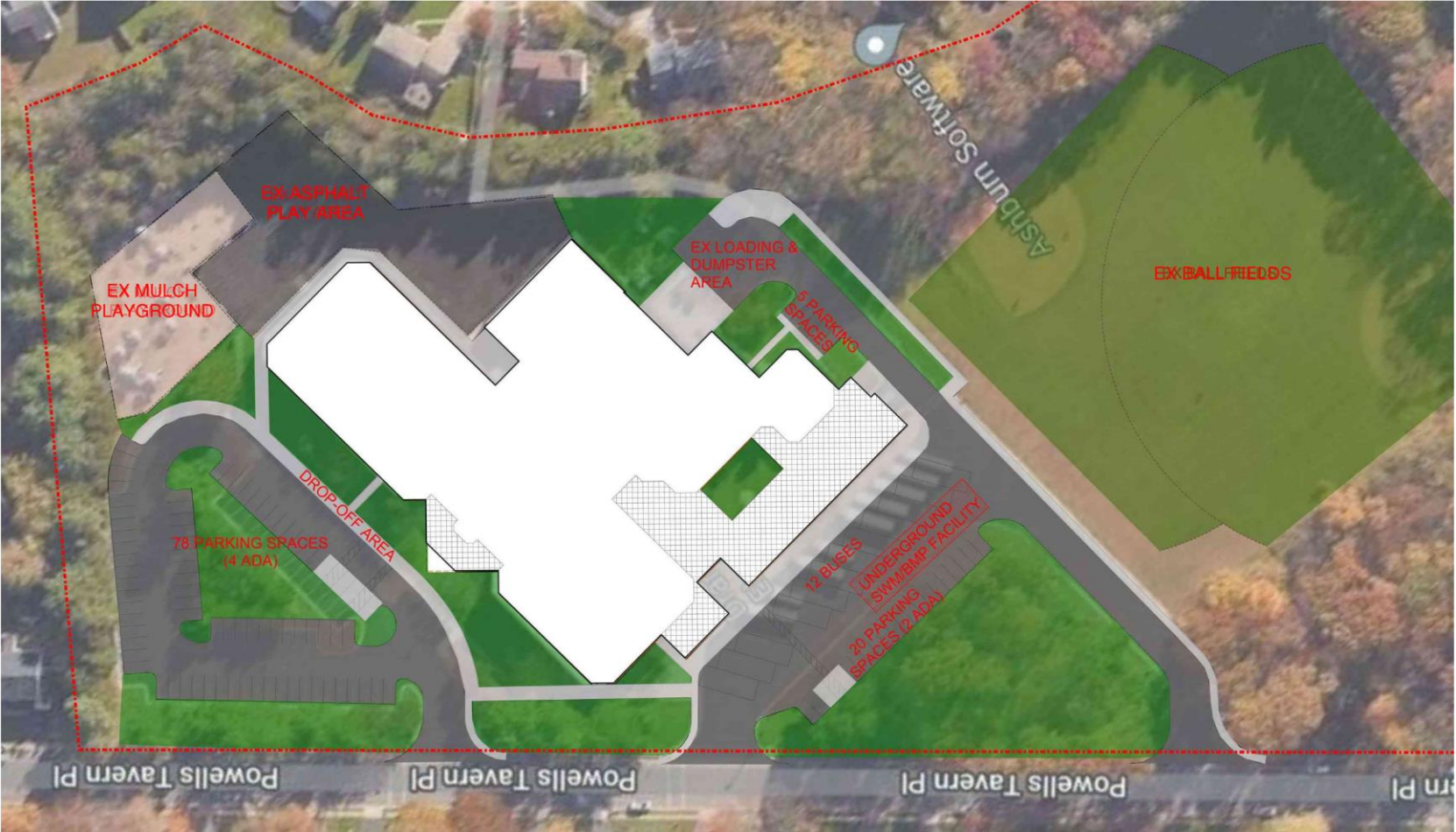
# 1st Floor Plan Proposed New Work – “Flipped Axis” Option



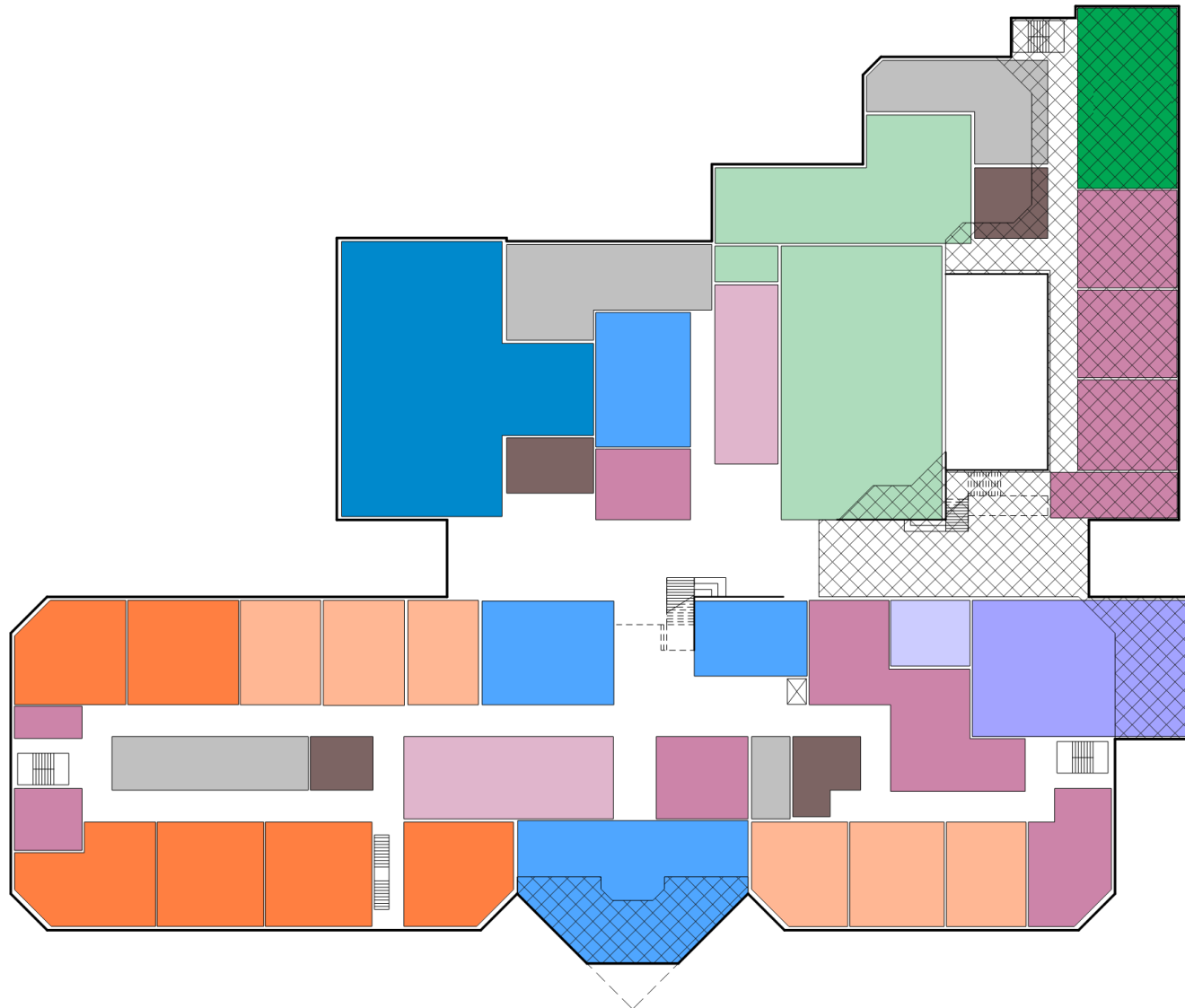
# 2nd Floor Plan Proposed New Work – “Flipped Axis” Option



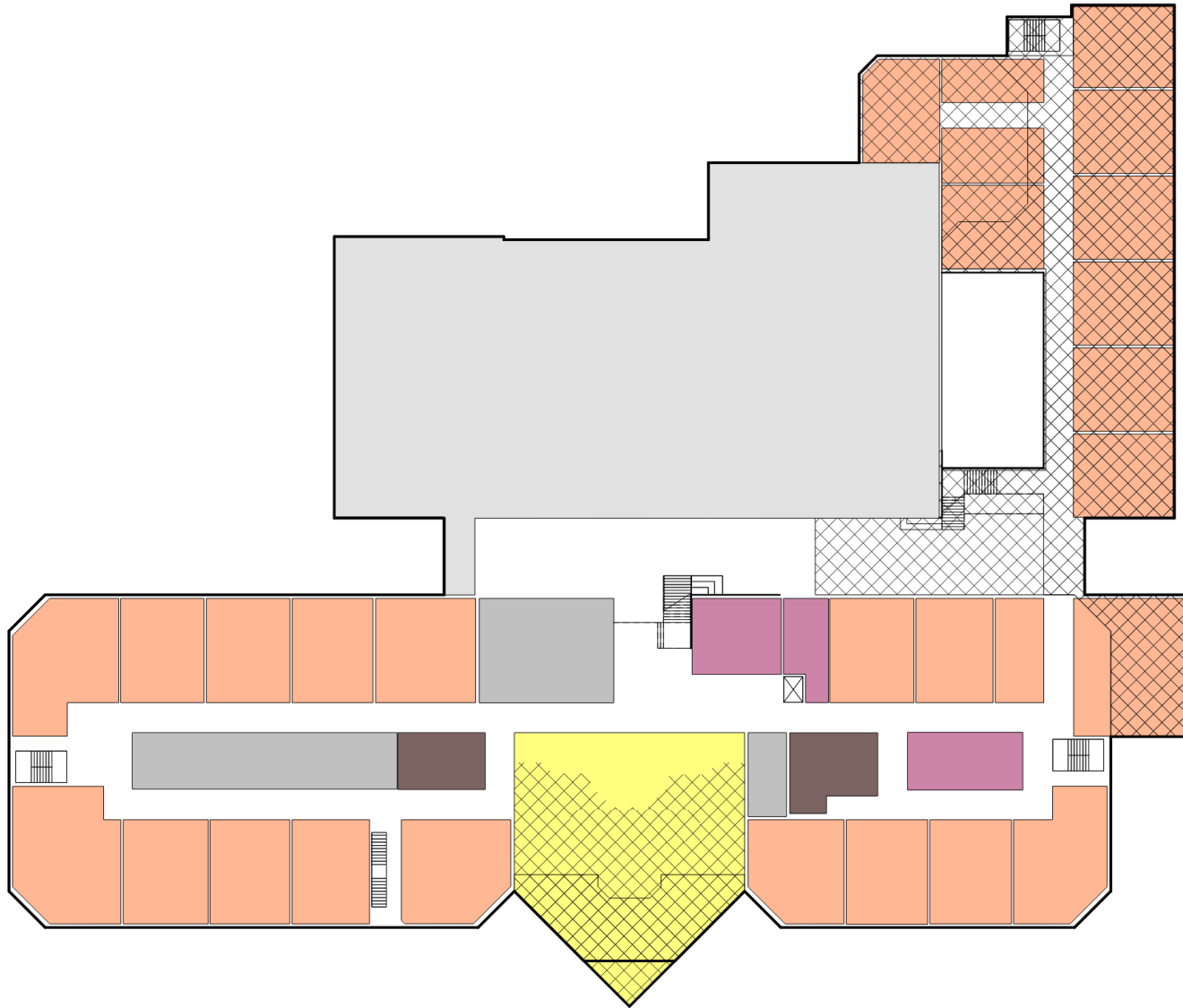
# Site Plan Proposed New Work – “Café Courtyard” Option



# 1st Floor Plan Proposed New Work – “Café Courtyard” Option

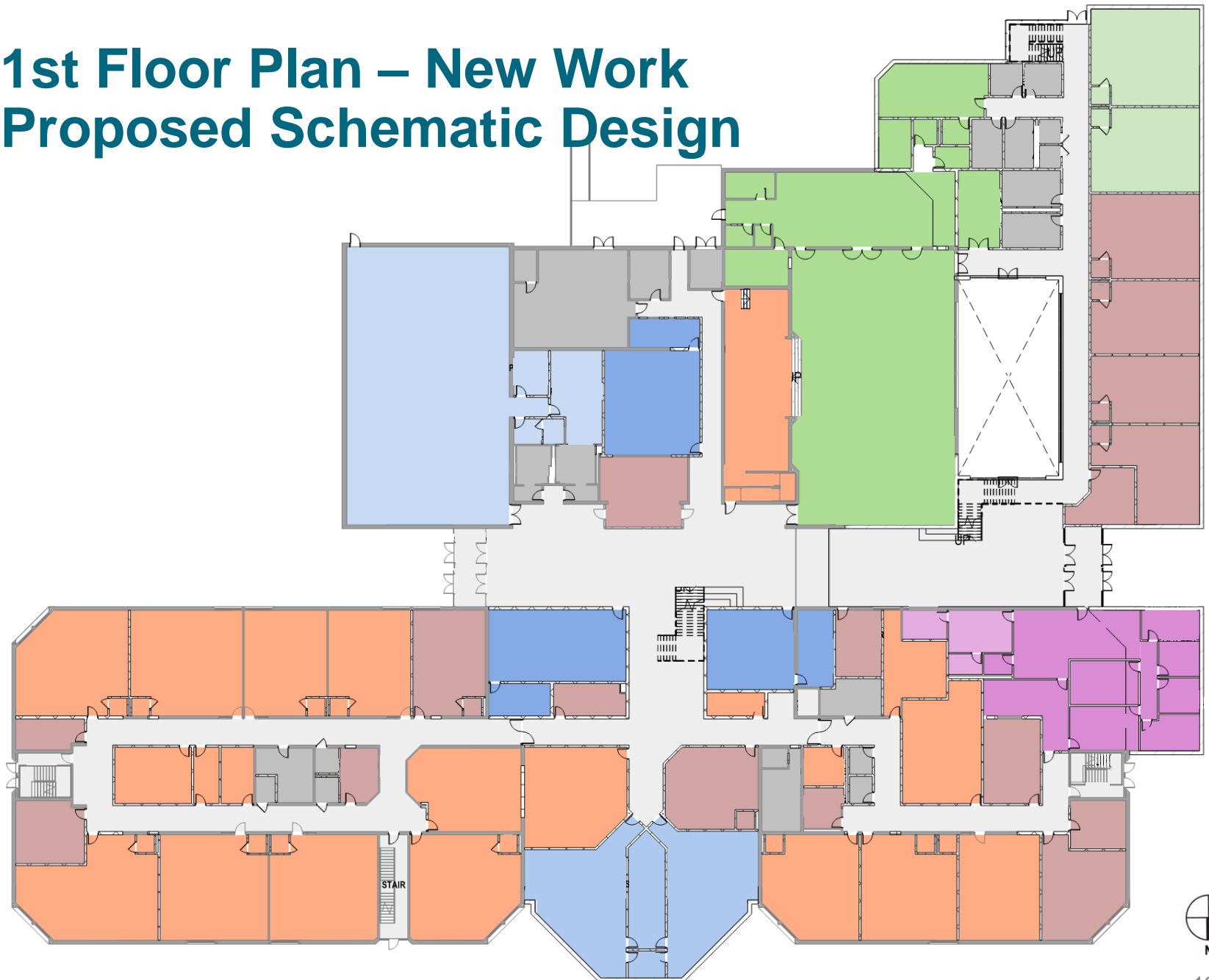


# 2nd Floor Plan Proposed New Work – “Café Courtyard” Option

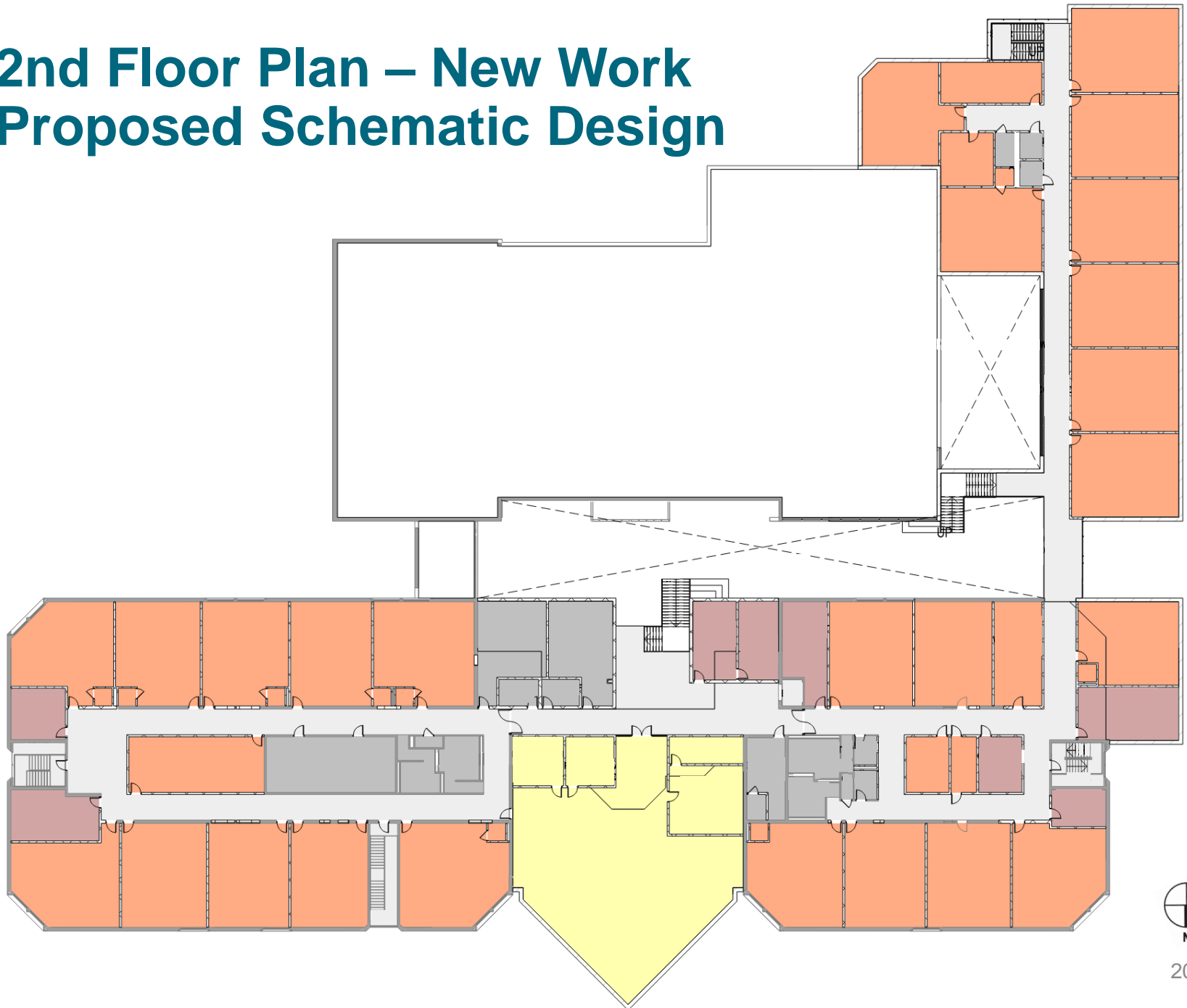




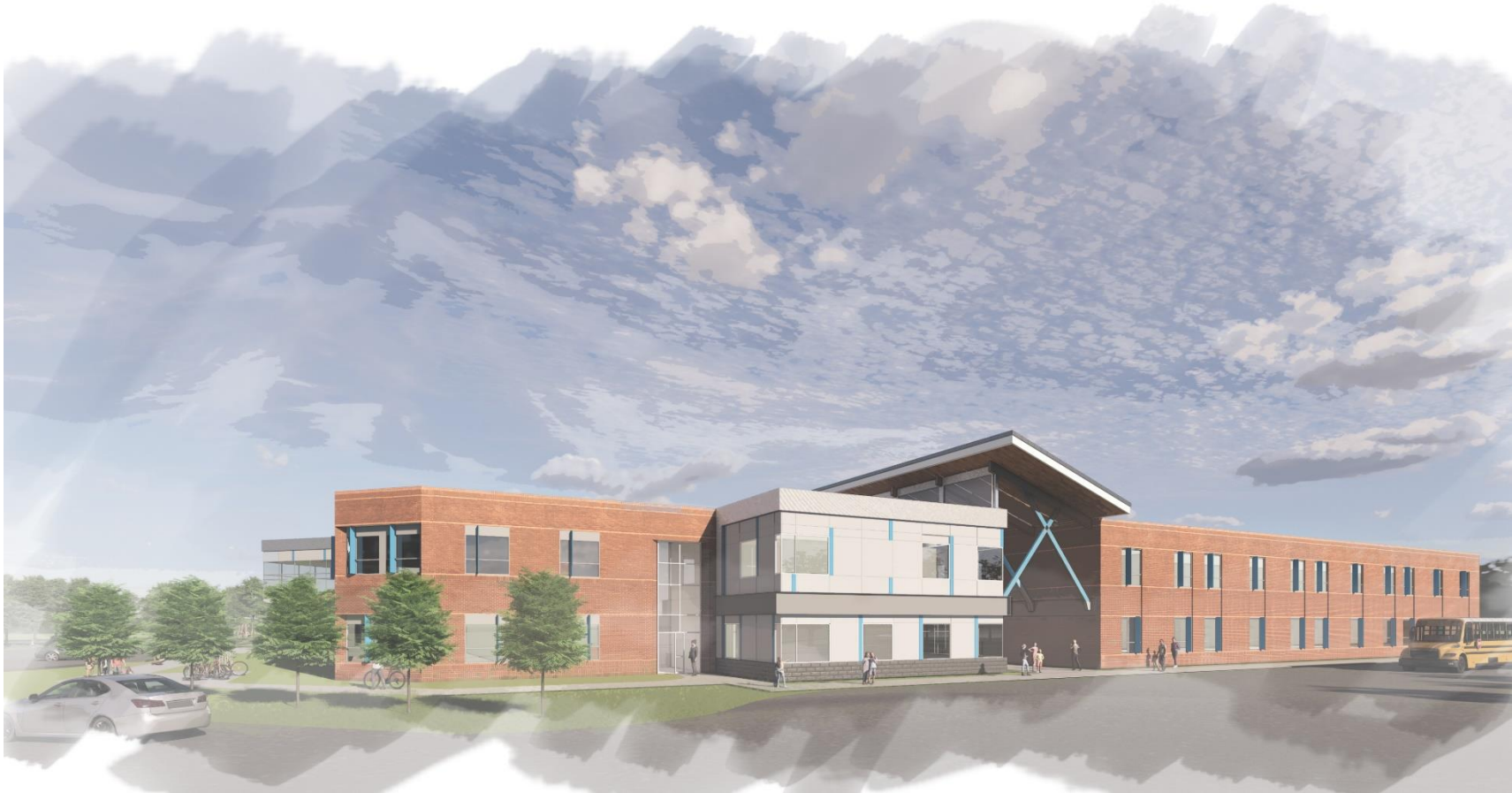
# 1st Floor Plan – New Work Proposed Schematic Design



# 2nd Floor Plan – New Work Proposed Schematic Design



# Concept Exterior Study



Main Entrance

**Thank you!**

**QUESTIONS?**



[www.fcps.edu](http://www.fcps.edu)