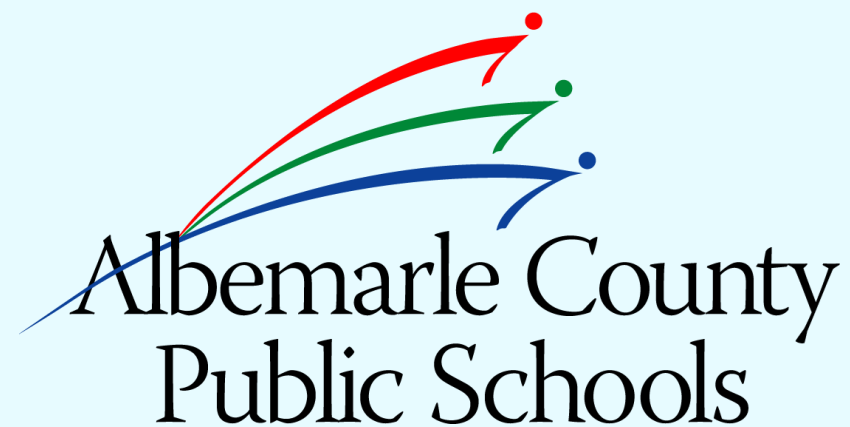




Pantops CAC: Capital Projects Update

September 23, 2024



Strategic Plan: Learning for All

VISION

Our learners are engaged in authentic, challenging, and relevant learning experiences, becoming lifelong contributors and leaders in our dynamic and diverse society.

MISSION

Working together as a team, we will end the predictive value of race, class, gender, and special capacities for our children's success through high-quality teaching and learning for all. We seek to build relationships with families and communities to ensure that every student succeeds.

We will know every student.

VALUES

Equity
Excellence
Family and Community
Wellness

GOALS



Thriving Students



Affirming and Empowering Communities



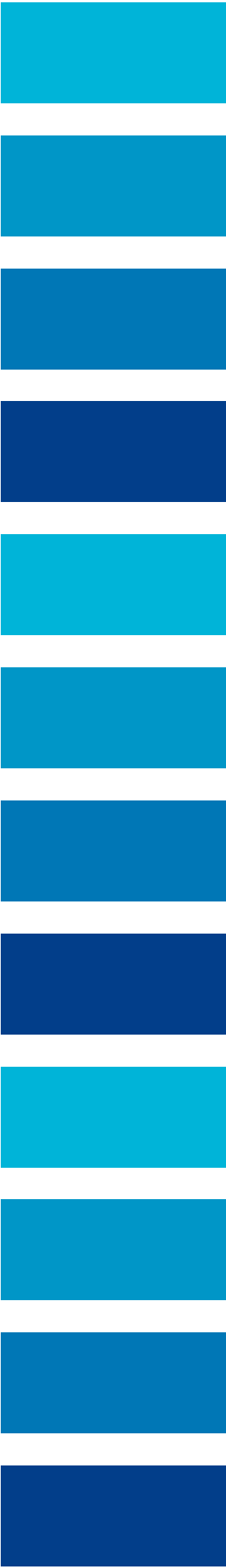
Equitable, Transformative Resources

Agenda

1 High School Center II

2 Southern Feeder Pattern ES

3 Long-Range Planning





High School Center II



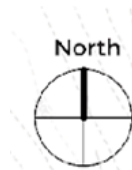
High School Center II *Will...*

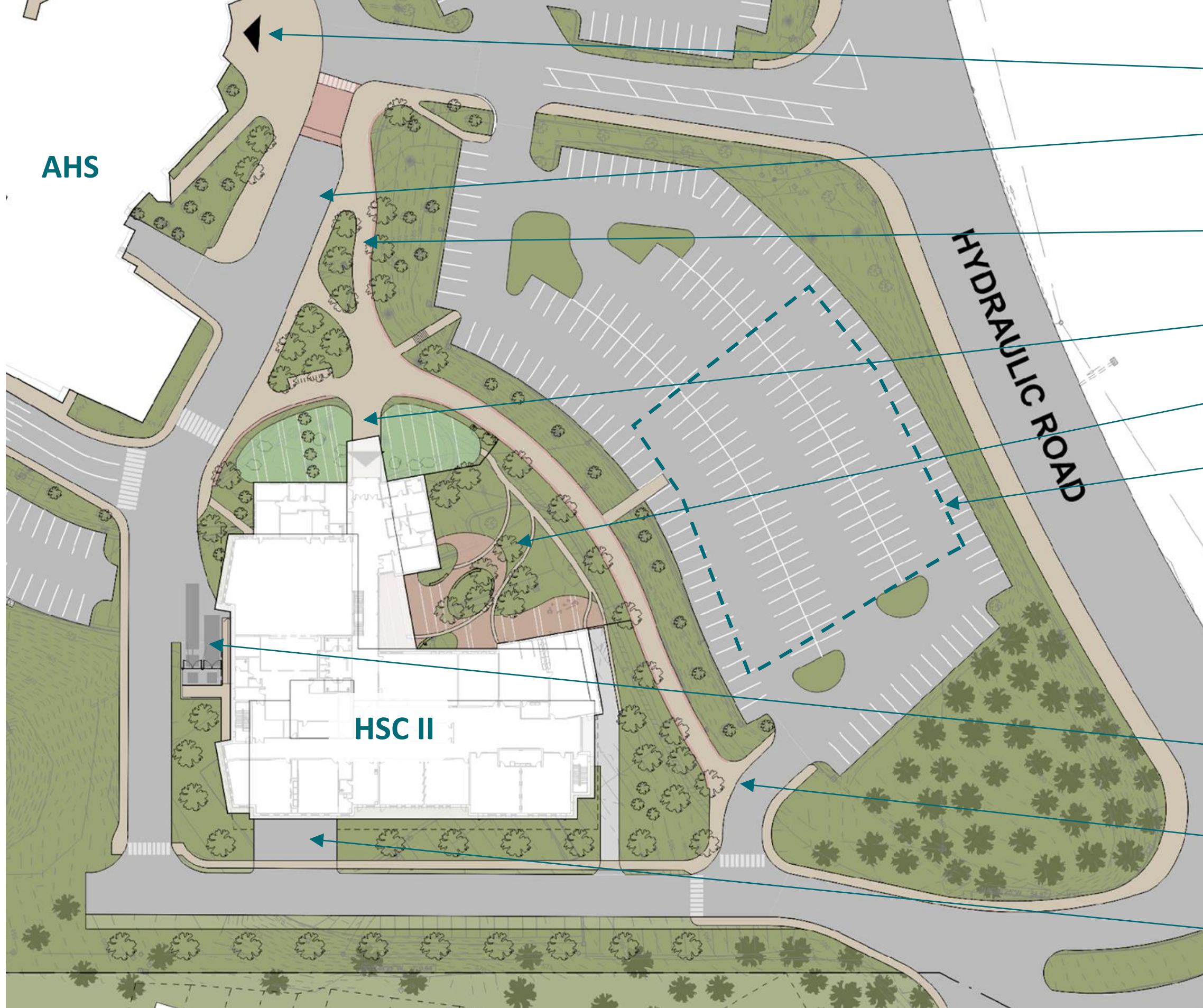
1. Serve 400 students per day; expandable to 600 students
1. Be 60,000 sf and 2 stories, expandable to 90,000 sf
1. Be adaptable to varied student cohorts and future learning

...and redesign the high school experience.



Lambs Lane Campus Context





- AHS Main Entrance
- Parent Drop-Off Zone
- New Pedestrian Pathway Between Schools
- HSCII Main Entrance
- HSCII Courtyard
- Geothermal Wellfield
- Kitchen Entry
- New Bike and Walking Pathway into Campus
- Data Center + Mech Room Entry

High School Center II - Site Plan



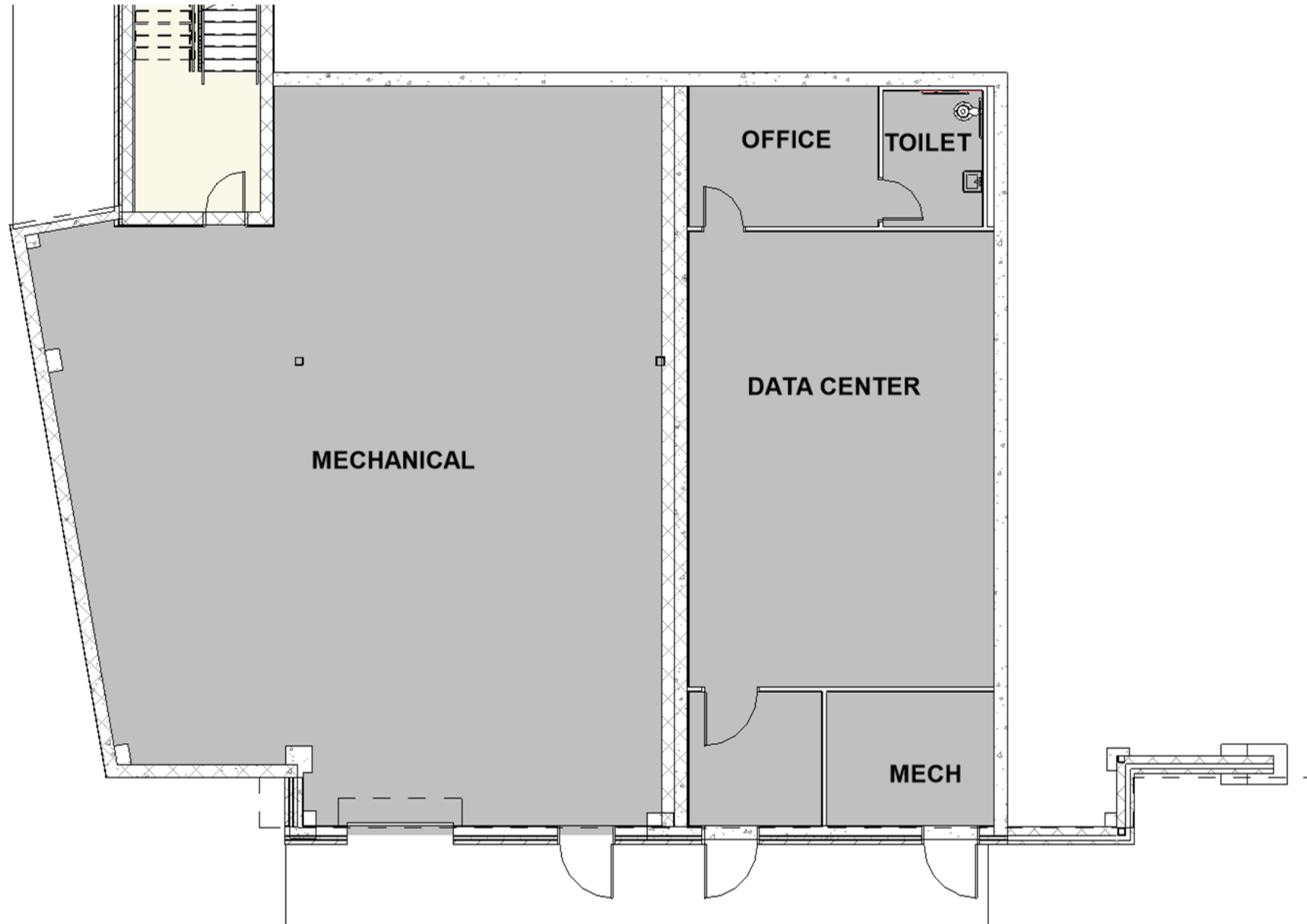
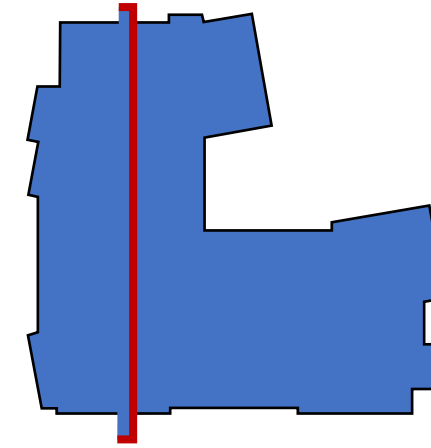
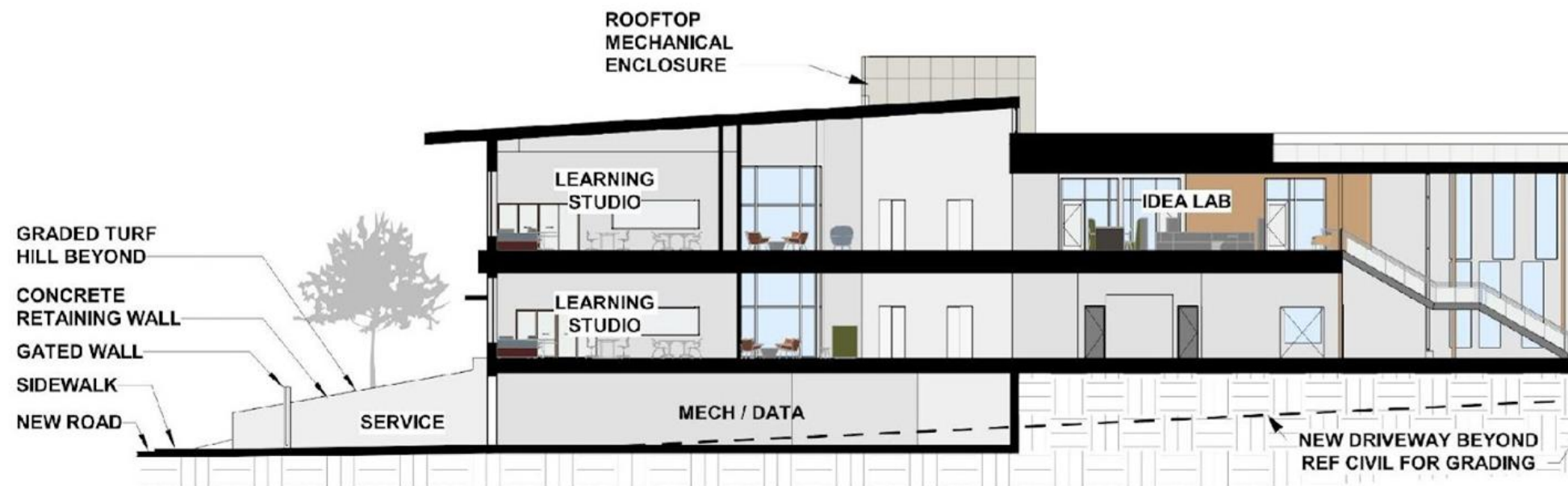
PROGRAM AREAS

- ADMIN
- COMMONS
- CORRIDOR
- KITCHEN
- PROJECT STUDIOS
- MEETING SPACES
- SERVICE/STORAGE
- SPECIALTY STUDIOS
- LEARNING STUDIOS
- TEACHER
- COLLABORATION
- TOILETS
- WELLNESS

Level 1 Floor Plan



Level 2 – Academic Area



- Redundant HVAC systems
- Redundant back-up power
- Office space
- Planned for future needs
- Dedicated restroom
- Clean-agent fire suppression
- Independent structure designed to withstand building collapse
- Extensive waterproofing
- Raised Floor System

Basement Floor Plan & Building Section



Campus Entry – Central Hydraulic Road



Campus Entry – South, Georgetown Green



Main Entry – From AHS



Main Entry – From Parking Lot



Courtyard – From Pedestrian Path



Commons - From Main Entry



Commons - Facing Main Entry



Academic Wing – Learning Commons, First Floor



Academic Wing – Learning Commons, Second Floor



Southern Feeder Pattern Elementary School

Southern Feeder Pattern ES

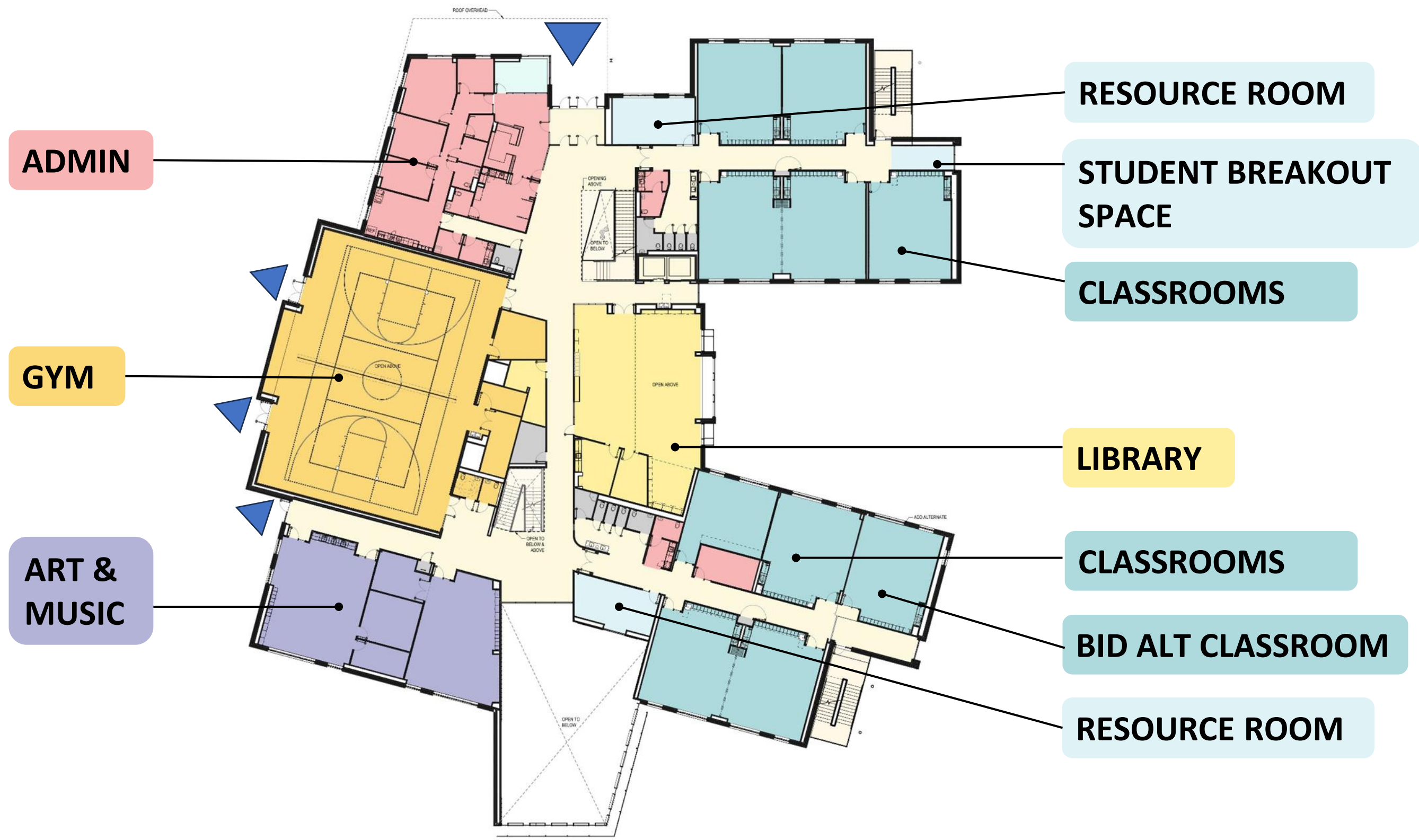
- 500-Student Elementary School
- ~72,500 SF Facility
- Grades 3-5 (Grades PK-2 will remain at existing Mountain View ES)



New Southern Feeder Elementary Aerial View



New Southern Feeder ES - Proposed Site Plan



ADMIN

GYM

ART & MUSIC

RESOURCE ROOM

STUDENT BREAKOUT SPACE

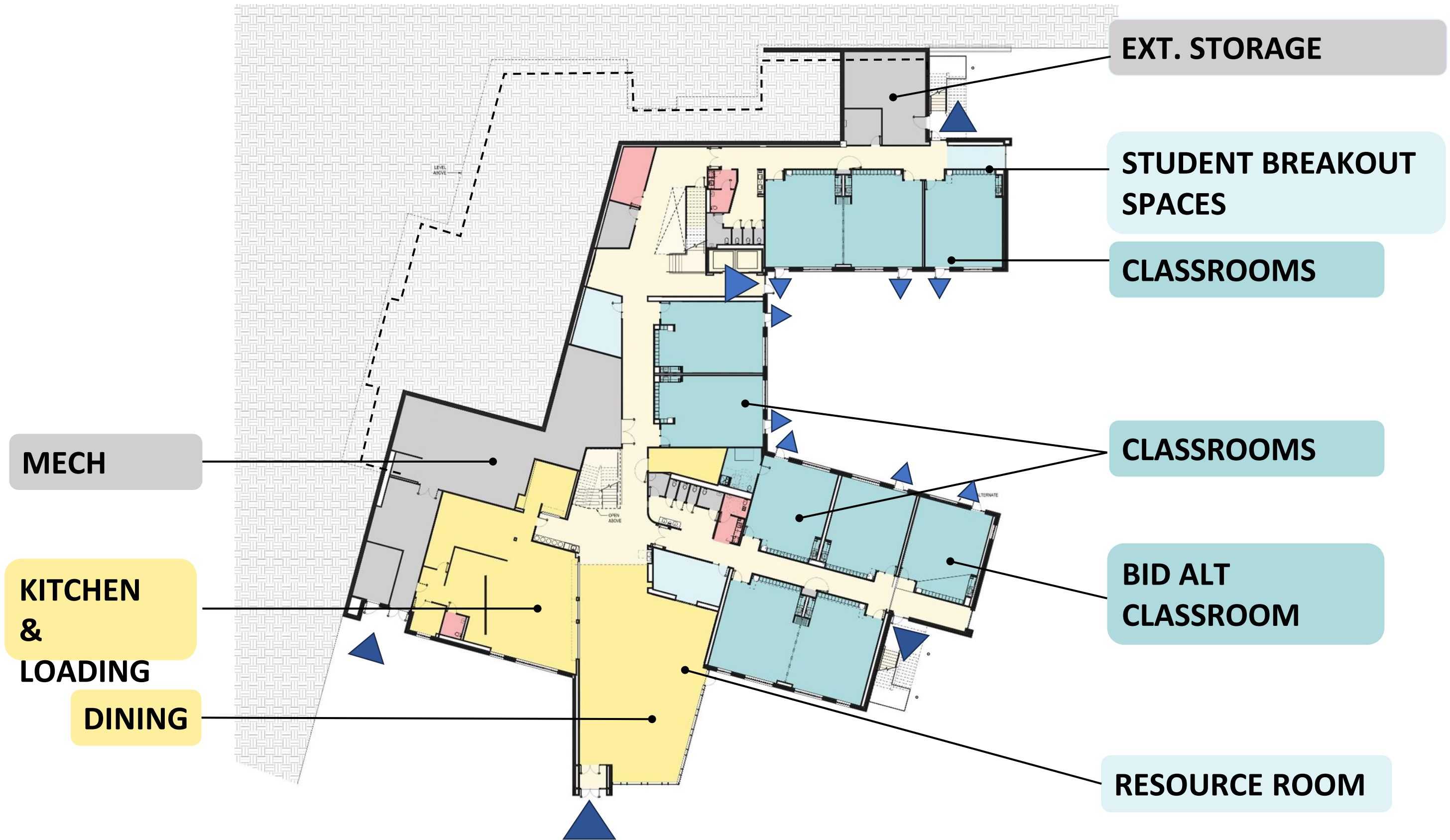
CLASSROOMS

LIBRARY

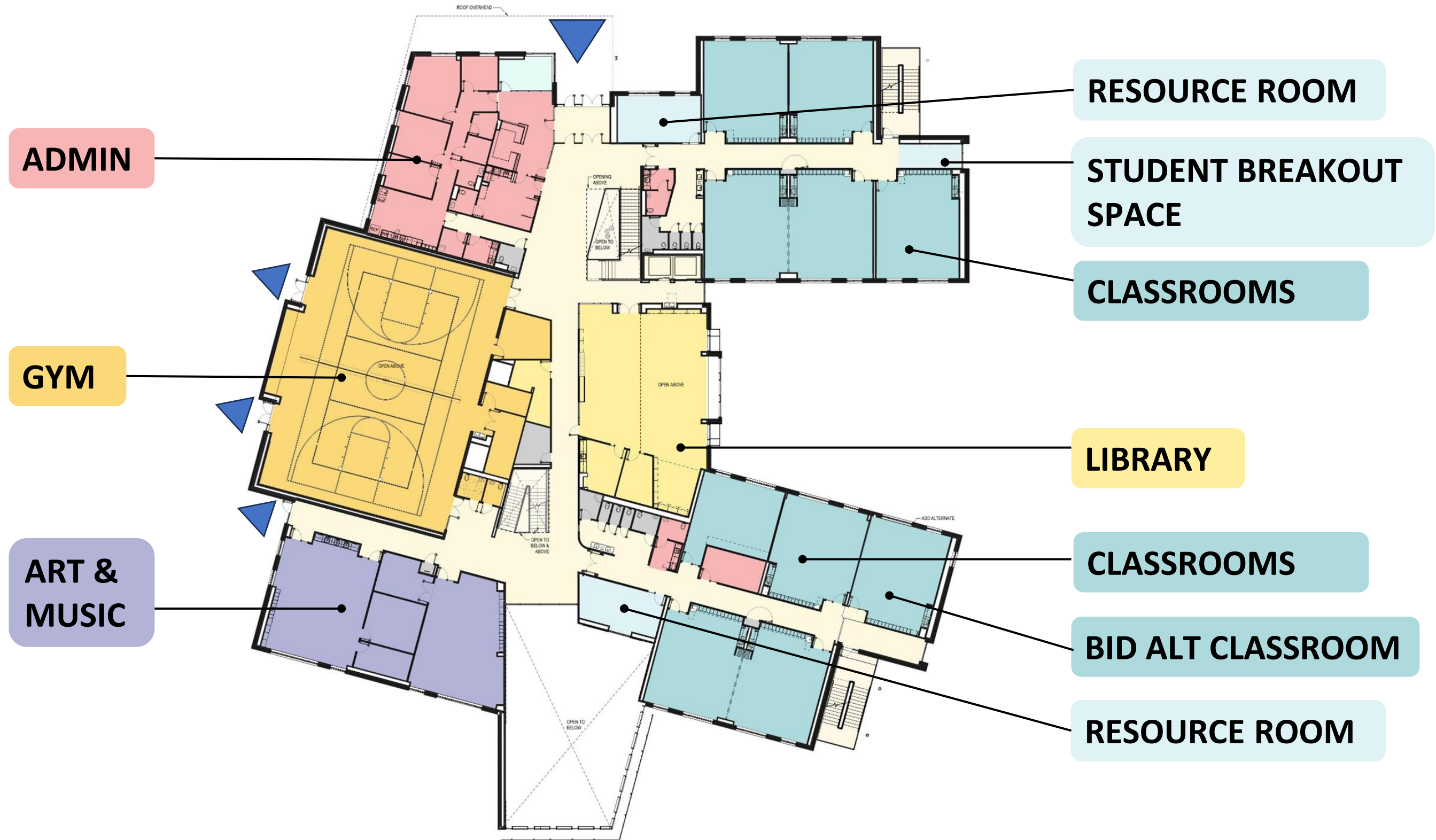
CLASSROOMS

BID ALT CLASSROOM

RESOURCE ROOM



Floor Plan – Level 0



ADMIN

GYM

ART & MUSIC

RESOURCE ROOM

STUDENT BREAKOUT SPACE

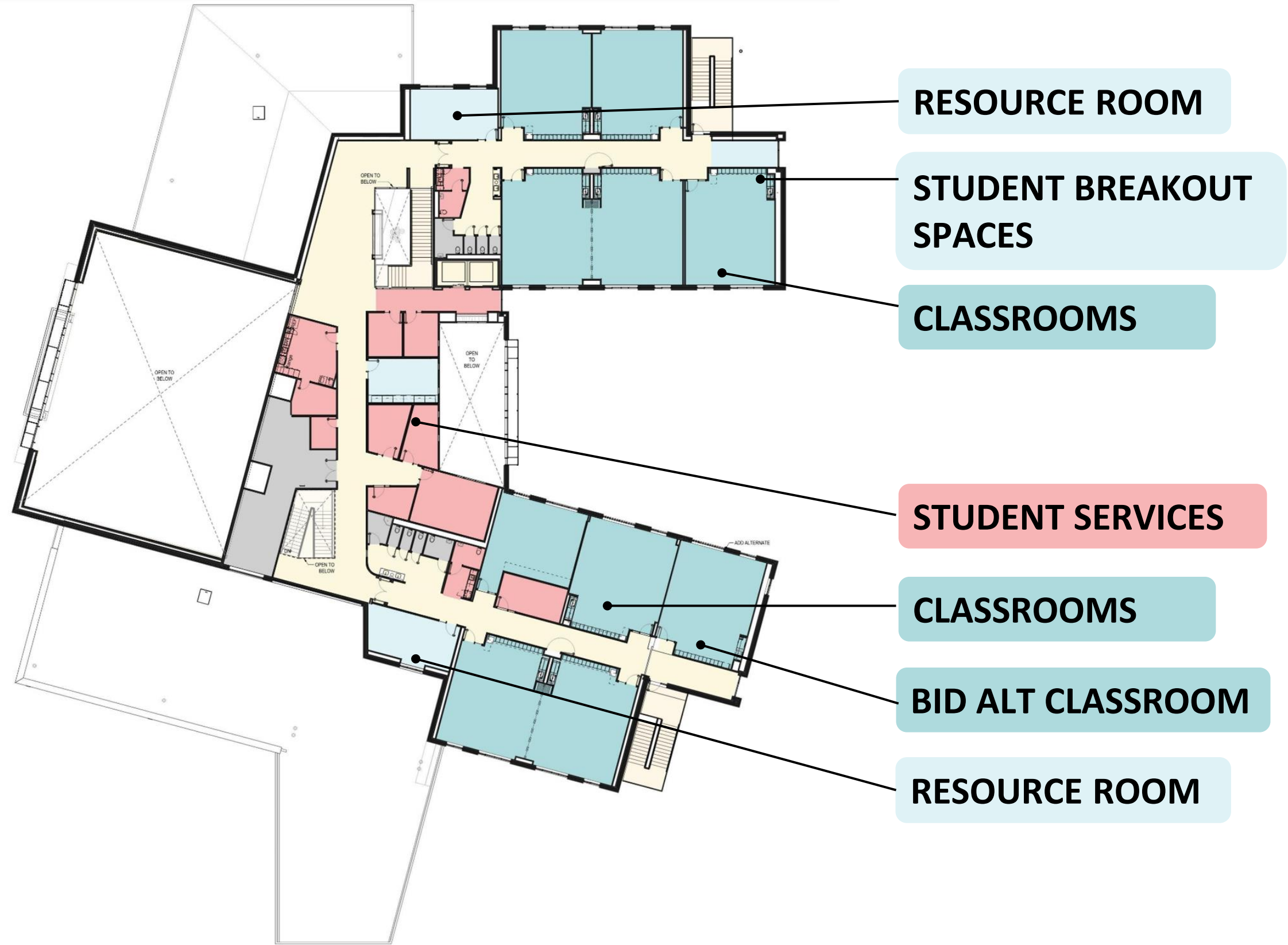
CLASSROOMS

LIBRARY

CLASSROOMS

BID ALT CLASSROOM

RESOURCE ROOM





CAR DROP-OFF ZONE





MAIN ENTRY LOBBY





Double Classroom



LIBRARY AND MAKERSPACE



LIBRARY



VMDO



DINING COMMONS





PLAYGROUND AND DINING TERRACE



VMDO



LEARNING COURTYARD



VMDO



PEDESTRIAN BRIDGE



VMDO



GYM & SOCCER FIELD

Sustainable Features (Both Schools)

Transportation + Sustainable Sites

- Land Protection
- Accessible Paths to Promote Walkability
- Bicycle Racks
- EV Charging Stations (future)
- Stormwater Biofilters

Energy + Water Efficiency

- High-performance Building Envelope
- High-performance Mech. Systems
- Geothermal Wellfields
- All-LED Lighting
- Occupancy Sensors
- Low-flow Plumbing Fixtures (30% Water Reduction)
- Solar-Ready Roofs

Materials + Indoor Environmental Quality (comfort & health)

- Sourcing Healthy Materials
- Recycling + Composting Program
- Demand-control Ventilation (fresh air)
- Low-emitting Materials (off-gassing)
- Operable Windows
- Individual Room Lighting Controls
- Abundant Daylight & Views to Nature

Tracking LEEDv4 Silver

Project Schedules (Both Schools)

- **Notice To Proceed:** August 2023
- **Schematic Design:** September 2023 – January 2024
- **Design Development:** January – April 2024
- **Construction Documents:** April – September 2024
- **Bidding & Negotiations:** September – December 2024
- **Construction:** December 2024 – July 2026
- **Opening:** August 2026

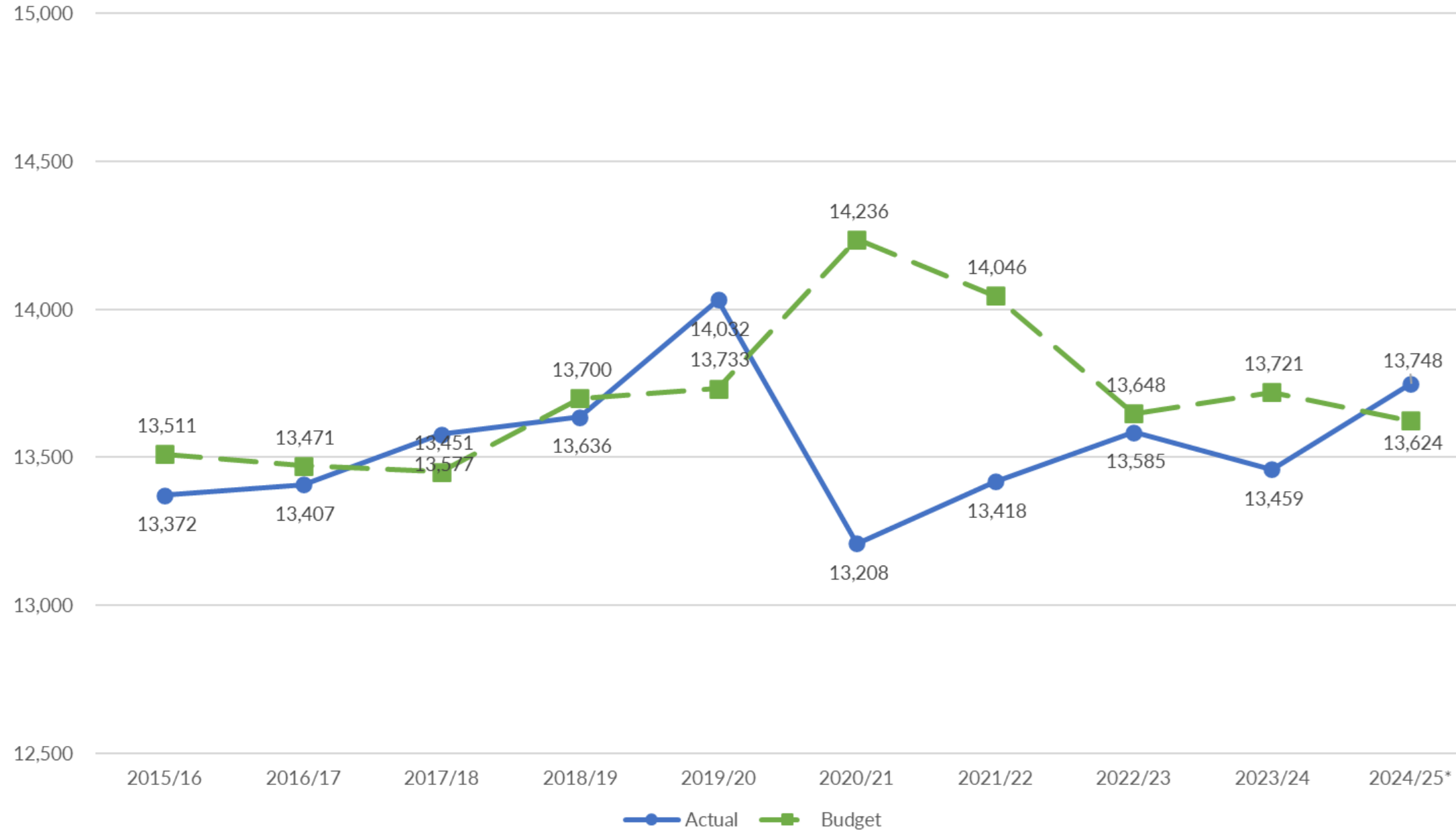
Long-Range Planning



24/25 Enrollment Update

**Draft 10-day enrollment*

K-12 Enrollment



2024/25 Actual Enrollment	13,748	+289 increase from last year +124 increase over projection
2024/25 Projected Enrollment	13,624	
2023/24 Actual Enrollment	13,459	

Northern Feeder Pattern ES

Timing of New Schools Based on Available Funding



	Southern Feeder Pattern	Northern Feeder Pattern
<i>23/24</i>	Design for School #1	Redistricting Study
<i>24/25</i>	Construct School #1	Redistricting Partial Implementation
<i>25/26</i>		
<i>26/27</i>	School #1 Opens	Finalize Site, Design for School #2
<i>27/28</i>		Construct School #2
<i>28/29</i>		
<i>29/30</i>		School #2 Opens, Redistricting Full Implementation

North Pointe Recommendation (Preliminary Boundary)

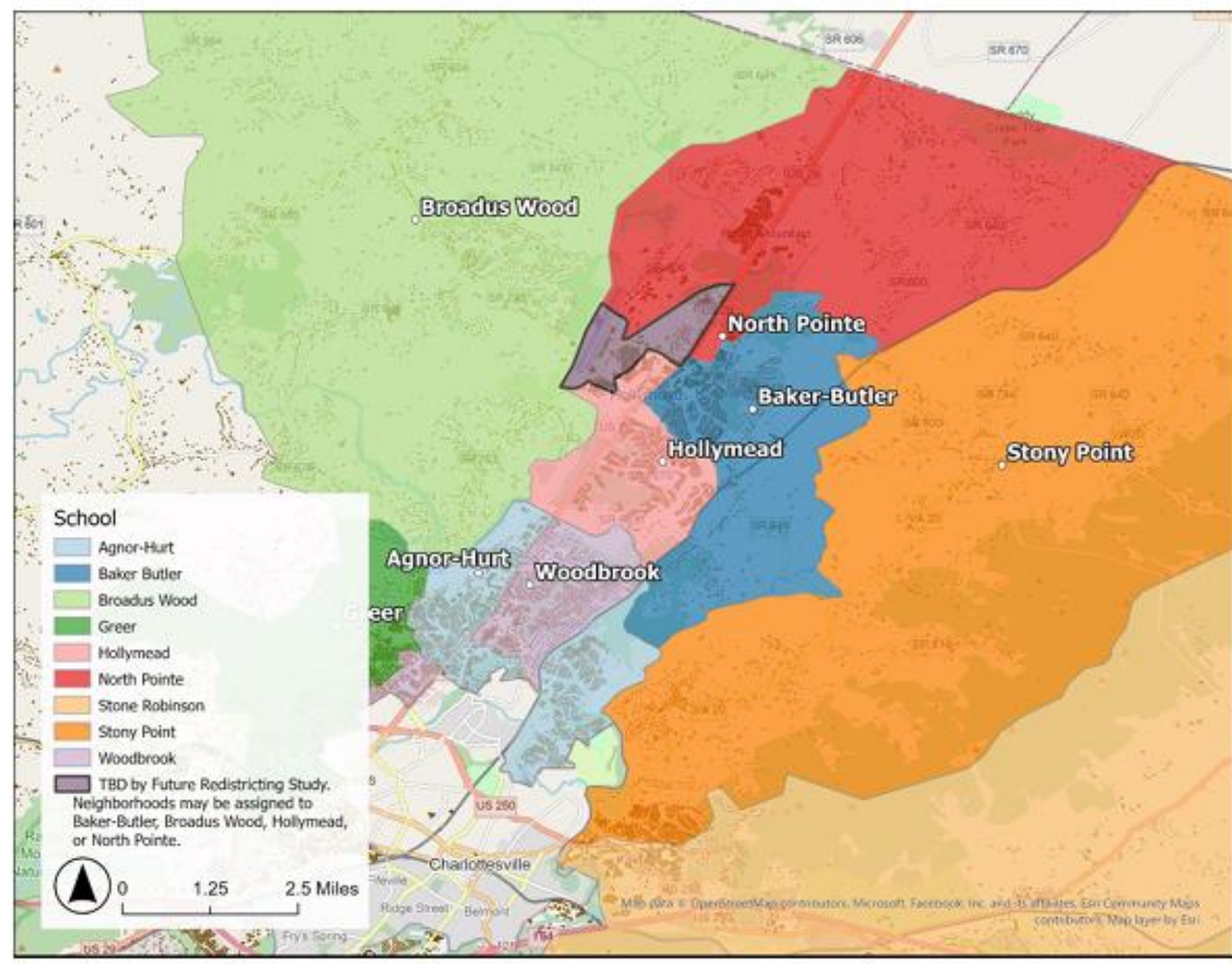
New School:

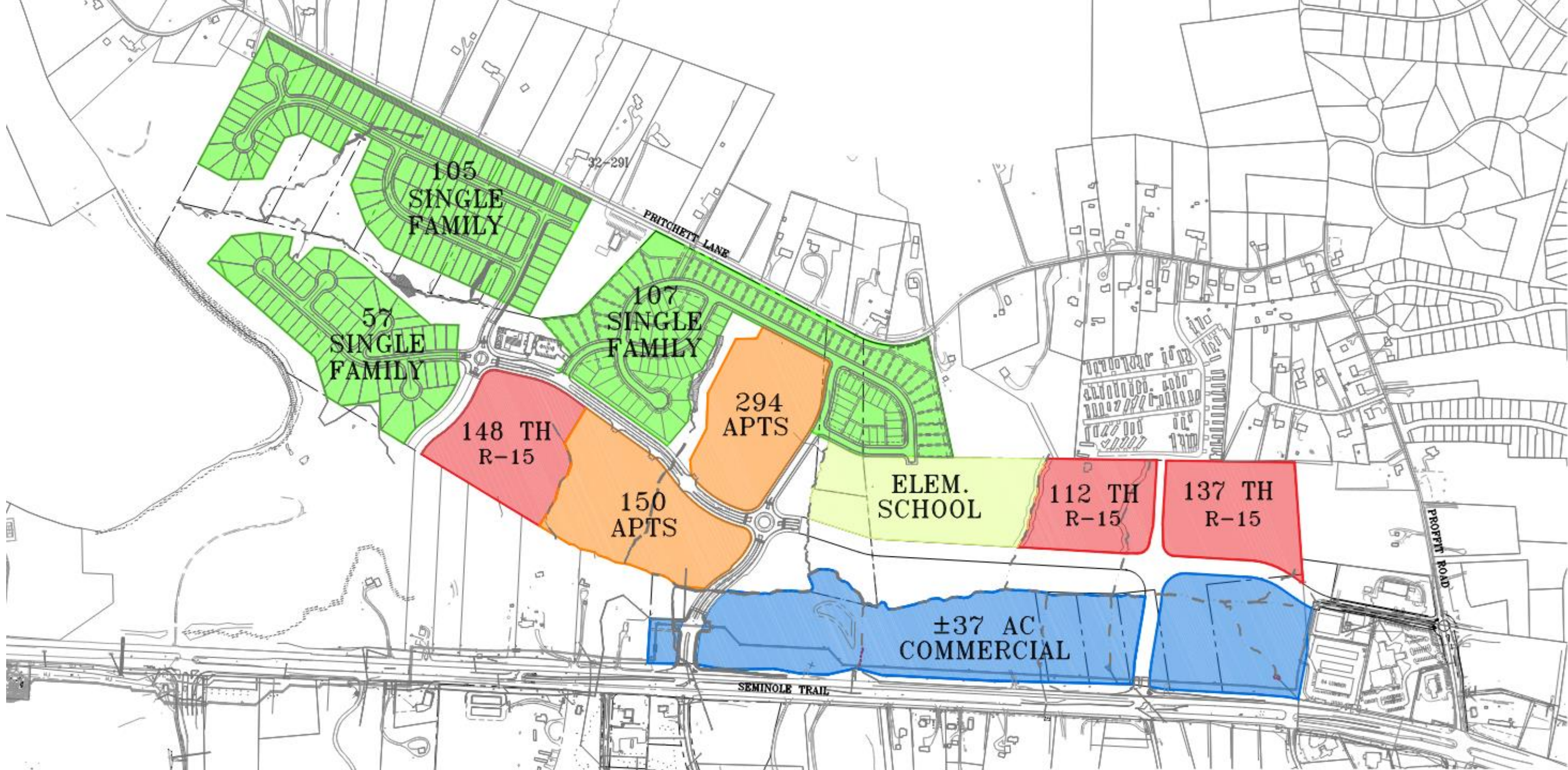
29N, North of Profit Road
(Baker-Butler)


Other Changes:

Hollymead to Baker-Butler:
Springridge/Turnberry

Additional areas near Airport Road/Dickerson/Berkmar may be considered to attend either Baker-Butler, the new school or Broadus Wood depending on what enrollment is at all schools when the new school opens





 **NORTH POINTE**
RIO DISTRICT
ALBEMARLE COUNTY, VIRGINIA

Middle School Study

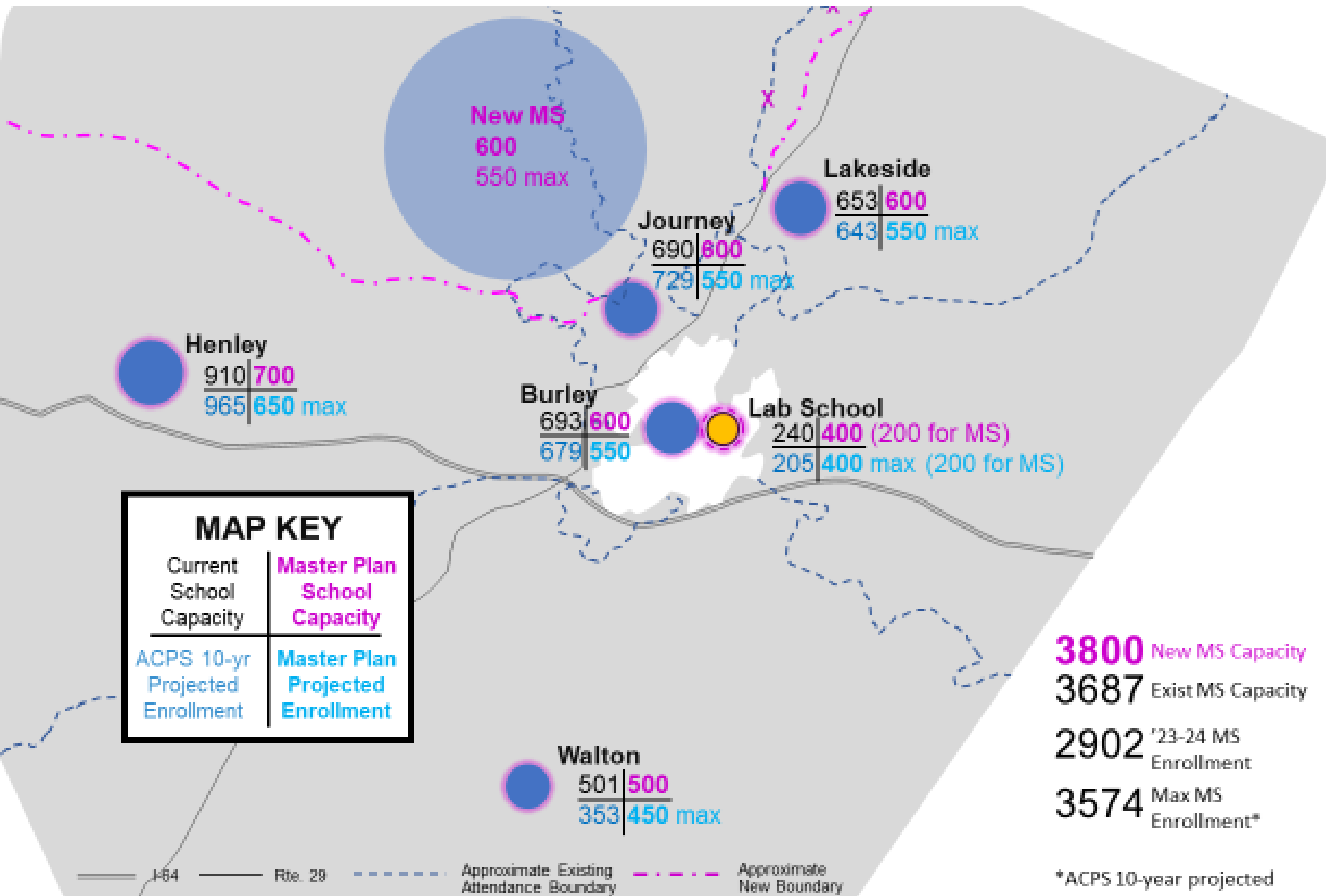
Goals & Objectives:

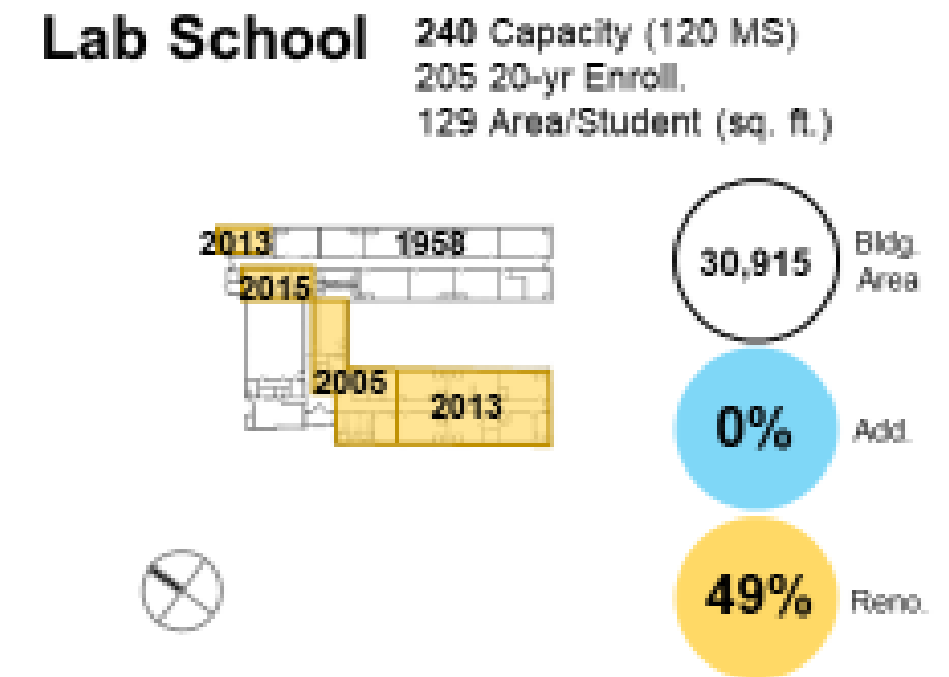
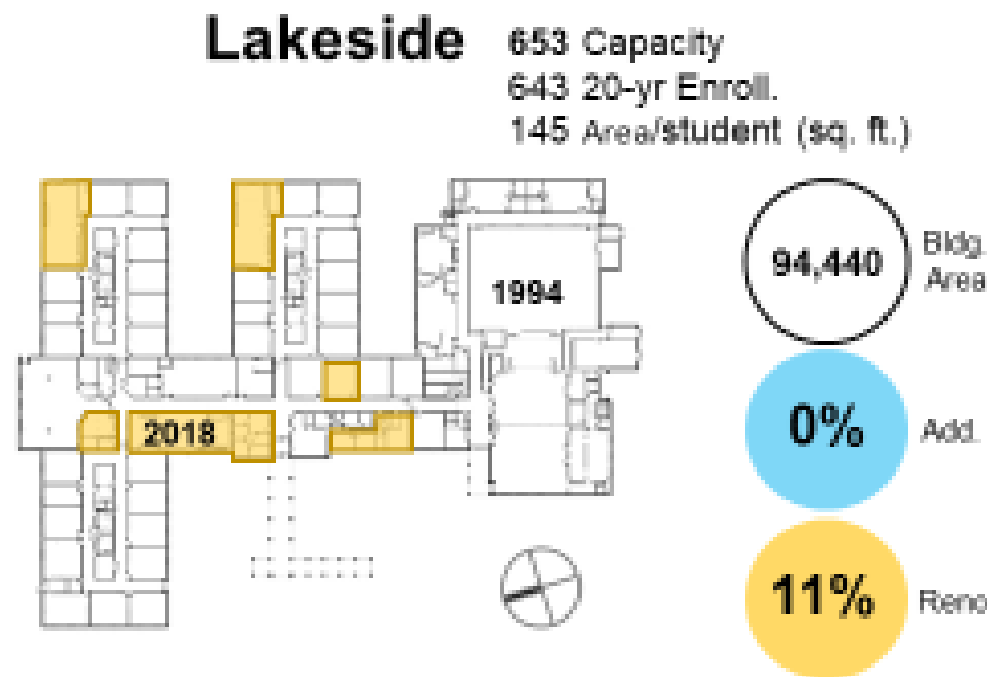
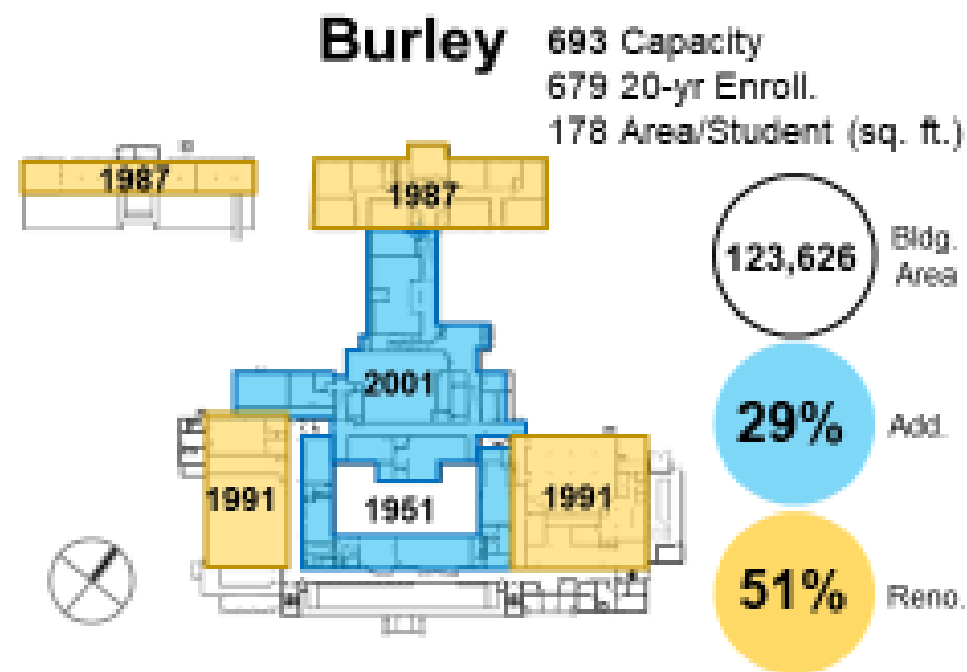
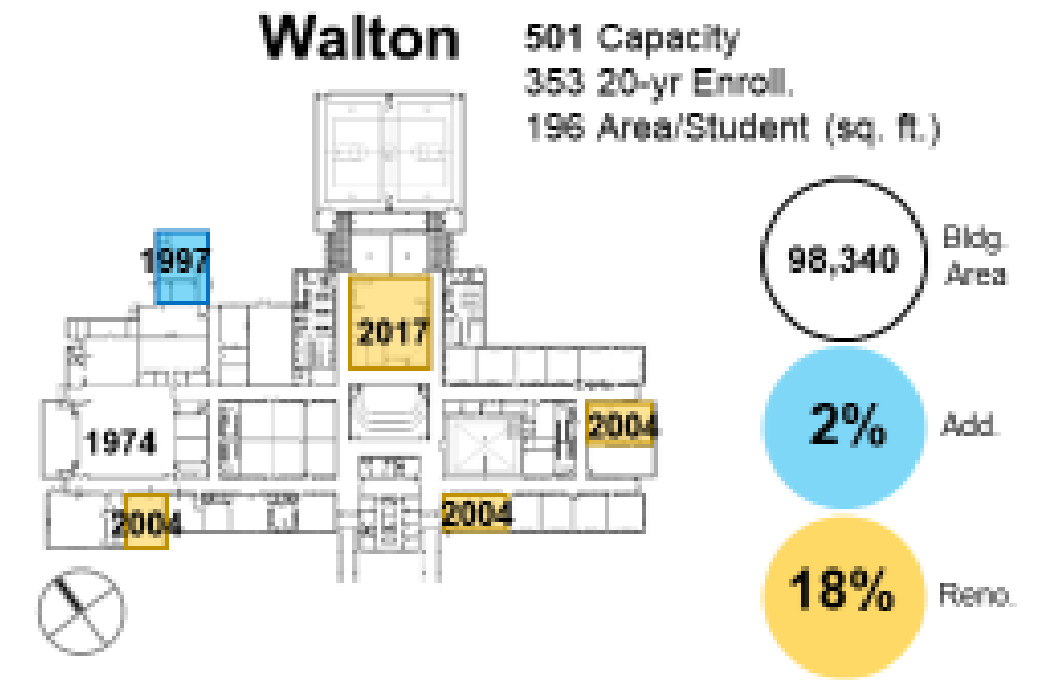
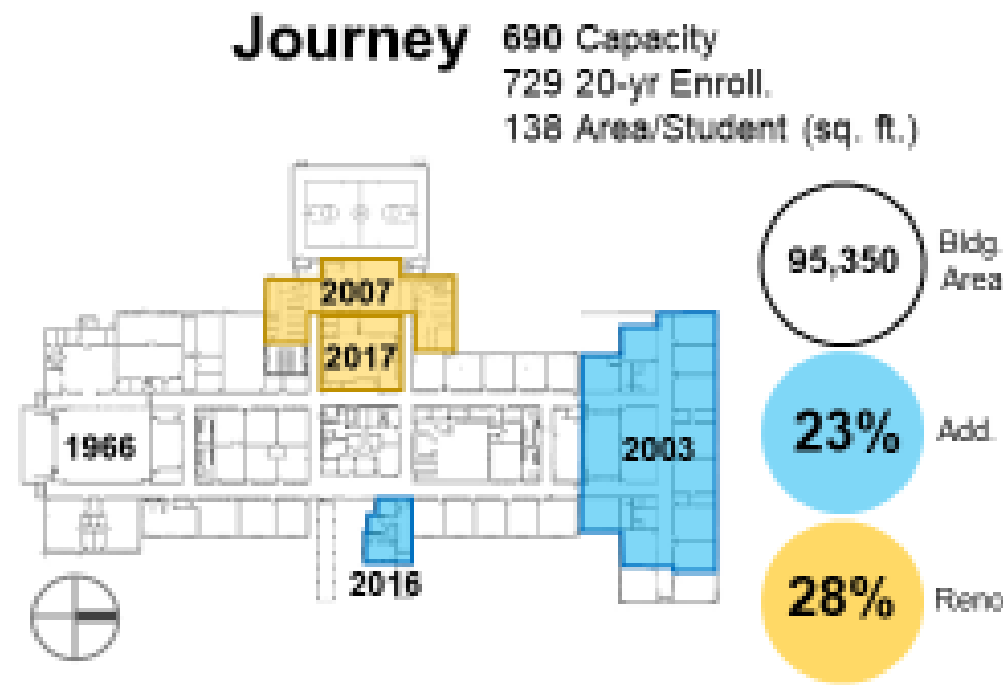
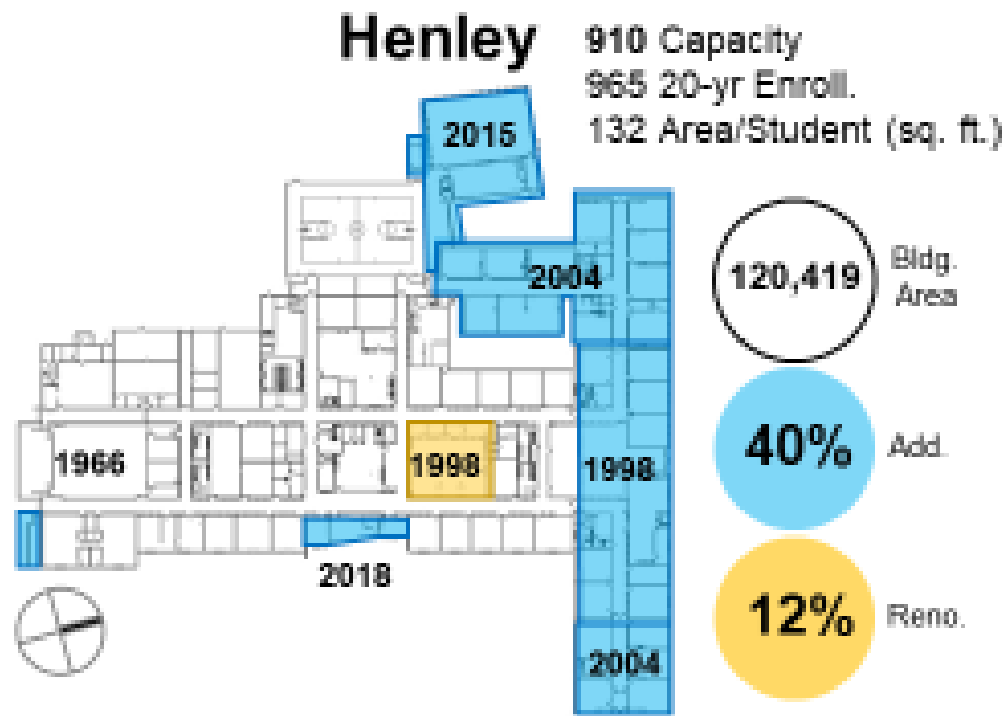
- **County-wide growth and school enrollment: Districting/feeder patterns, additions/renovations, potential new facilities, etc.**
- **Facility equity: Infrastructure, building amenities, recreation/athletics, etc.**
- **Unique school/community needs**
- **Environmental sustainability**
- **Buildings and facilities that support current and future educational programming**
- **All recommendations are consistent with the vision, mission, values and goals of the division's [strategic plan](#).**

Future ACPS Middle Schools

Proposed Master Plan

- **Phase 1:** Expand the Lab School to increase admissions while alleviating enrollment pressures at other schools
- **Phase 2:** Renovate/Improve Walton MS + conduct a Redistricting Study
- **Phase 3:** Build a new middle school to provide current capacity management and long-term growth projections
- **Phase 4:** Renovate/Improve Burley, Journey, Henley, and Lakeside to equitable standards

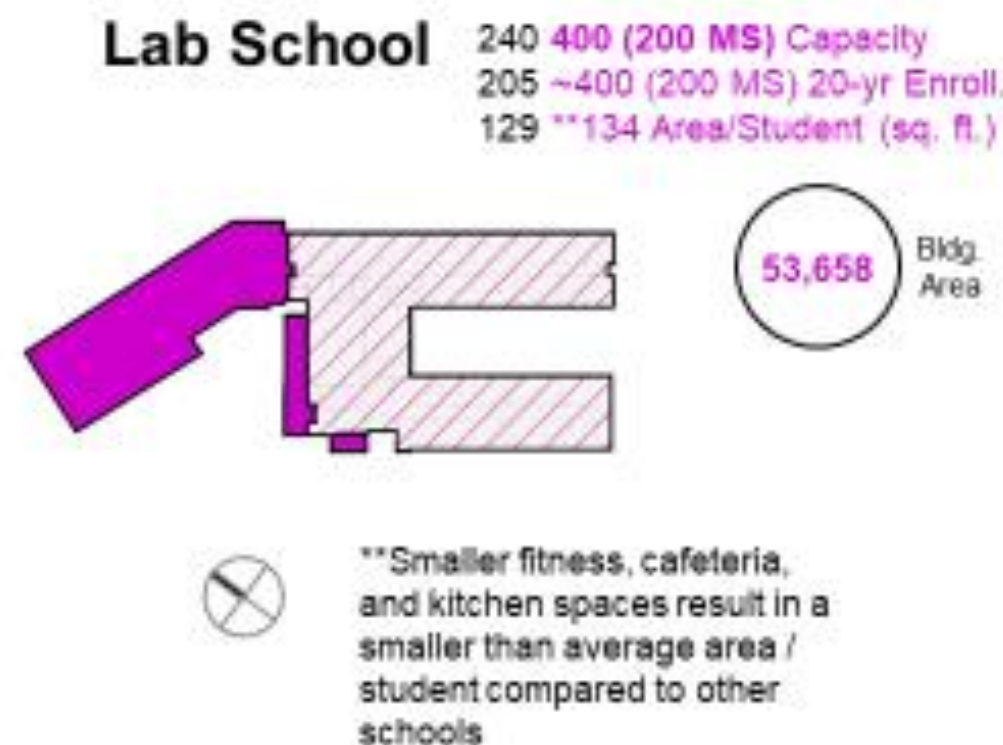
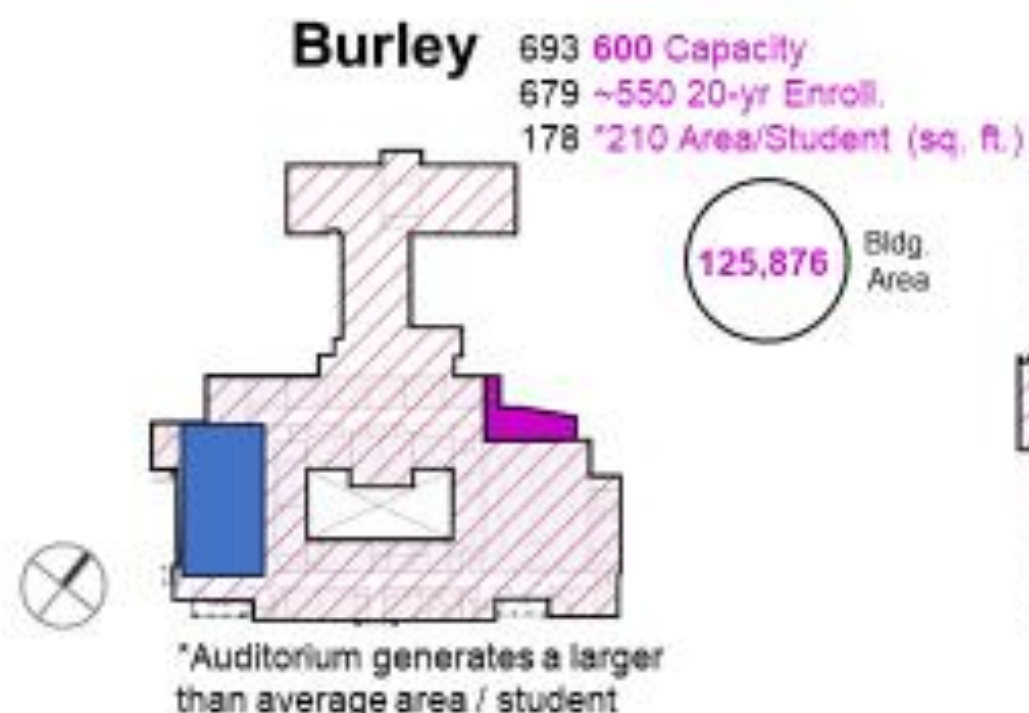
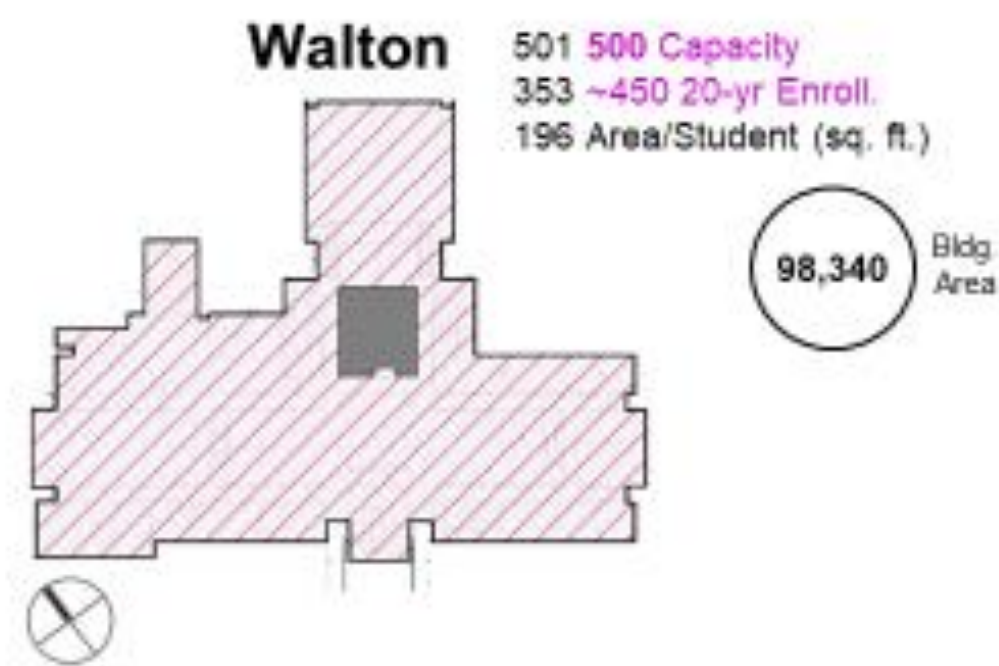
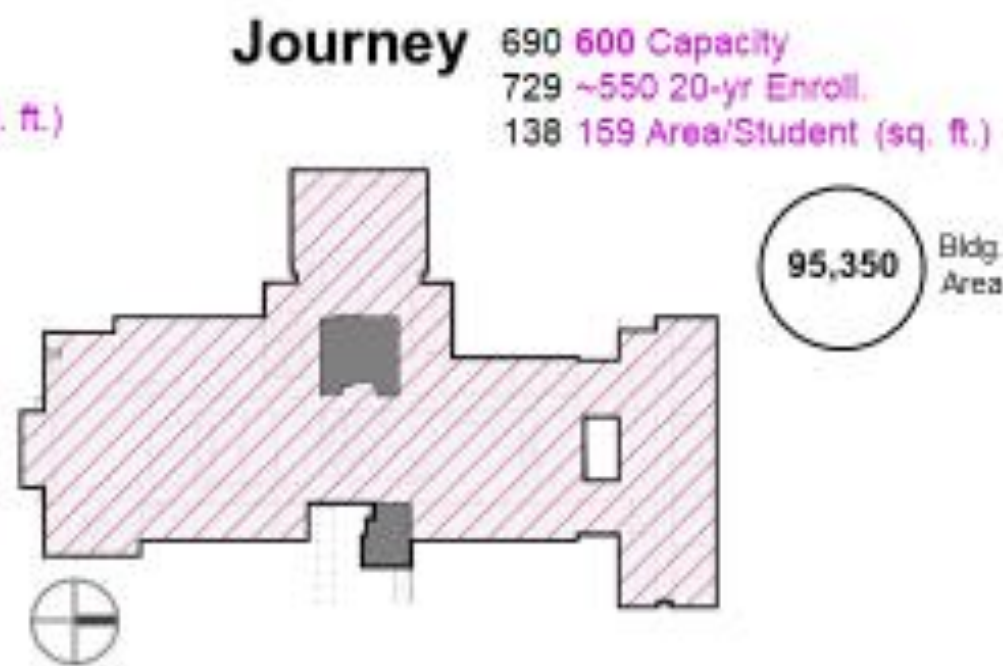
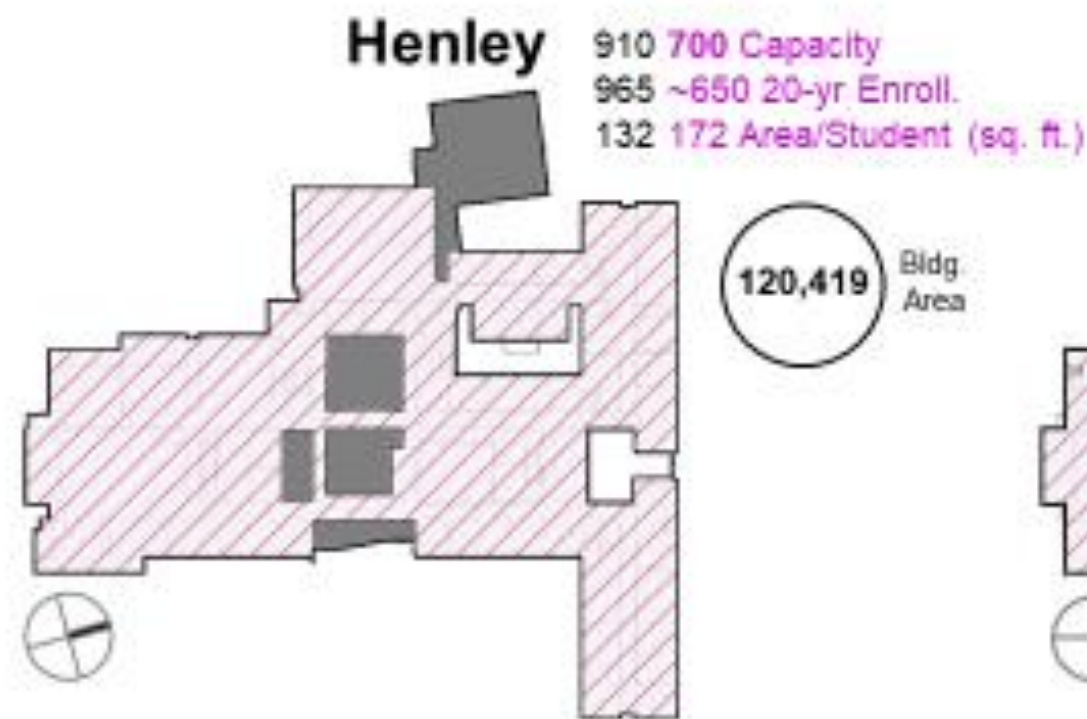




○ Building Area
(Gross Square Feet)

● Additions over time
(% of Building Area)

● Renovations over time
(% of Building Area)



Leave as-is (recently renovated)
 Interior renovation areas
 Addition / New Construction
 Auditorium (unique program)

HIGH SCHOOL PROJECT



New High School

One comprehensive high school

\$149.0-208.5M



Additions

Expansions or separate buildings on each existing HS campus

\$98.9-129.5M



Center III

Continue with HS Center Model

\$41.0-68.7M

HIGH SCHOOL PROJECT

	New High School	Additions	Center III
Provides Capacity Relief	✓	✓	✓
Transportation Logistics	✓	✓	✗
Equitable Distribution of Resources	✗	✓	✓
Demographic Balance	✗	✓	✓
Construction Cost	✗	✓	✓
Ideal School Size	✓	✗	✓
Availability of Land	✗	✓	✗

Capacity Projects Timeline

		5-year CIP FY26 to FY 30					CNA				
	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35
High School Center 2	Construction		Center Open								
Southern Feeder Pattern ES	Construction		School Open								
Northern Feeder Pattern ES			Design	Construction		School Open					
Land Acquisition	Land Acquisition										
High School Project					Design	Construction		Project Open			
Community Lab School Addition		Design	Construction		Addition Open						
Centralized Preschools			CIP Request			Design	Construction		Center Open		

More Information

- ACPS Long Range Planning Advisory Committee - [Bi-Annual Reports on ACPS Website](#)
- Full Summer 2024 CIP Report - [9/12 School Board Meeting](#)
- [ACPS Building Services - Capital Website](#)



Questions?