



VISION 2030

ONE CAMPUS, ONE PARKLAND

ADDRESSING ENROLLMENT & CRITICAL INFRASTRUCTURE UPGRADES • BUILDING AND GROUNDS • 6 MAY 2024

ALLOY5
ARCHITECTURE

INITIAL *GOAL*



Determine a path forward that addresses capacity issues at our secondary schools. This process should include maintaining a robust program of studies, complete with *academic*, *arts* and *athletic* opportunities while planning for future educational needs of *all* students.

FEASIBILITY RECOMMENDATION

FINAL DECISION POINTS

- Prioritize Students *First*
 - Safety
 - Continued Growth and Success in Three Pillars
 - Academics
 - Arts
 - Athletics
- *Fiscal* Responsibility
- Planning *Long-Term*
- *Community* minded



FUTURE PLANNING APPROACH

VISION 2030

- Maintains *one* High School
- Maintains *two* Middle Schools
- Provides *flexibility* for future growth
- Accounts for safety/maintenance/upgrades to existing facilities

EDUCATIONAL PLANNING *GOAL*



"This improves the culture of a building and allows better connections for staff, students, and families."

Design educational programs in the Middle and High Schools that continue to enhance student *engagement*, support *student learning* and increase *student achievement* to enable students to best prepare for their future.

EDUCATIONAL PLANNING HIGH SCHOOL

- **Instructional Design:**

- Additional Classroom Spaces
 - Science/ regular classrooms and two large group flexible instruction rooms
- 9th Grade Wing
 - Most core classes and some electives, specifically for 9th grade programs, to assist with transition and support
- Cafeteria and Large Group Learning Spaces (Media Center/C200/A-wing)
 - Evaluating usage and planning for future learning
- Schedule and Learning Opportunities
 - Exploring additional opportunities to help students engage and prepare for future.

- **Capacity and Circulation:**

- Original design expansion: two additions with associated alterations at wings B, C, & D
 - Capacity: 30,000 sf per courtyard planning for approximately 30 additional learning spaces to provide for 750 students
 - Circulation: Hallways connected in back of the building to reduce congestion and allow students to walk from A to D-wing

- **Storage (Arts/Athletics) / Transportation / Staffing needs:**

- Assessing needs to provide best student support

EDUCATIONAL PLANNING MIDDLE SCHOOL

- **Instructional Design:**

- Teaming and Supports
 - Assess student needs (MTSS) and design a timeline for improvements including schedule changes, staffing, and more
- Middle School Considerations
 - Assess utilization of classroom and large group areas
- Schedule and Learning Opportunities
 - Educational programming remains the same with teaming concepts 6-8. However, the team is reviewing programmatic needs that may best help with the transition to middle school, study skills, circulation in the hallways, special subjects per grade level, languages, and more

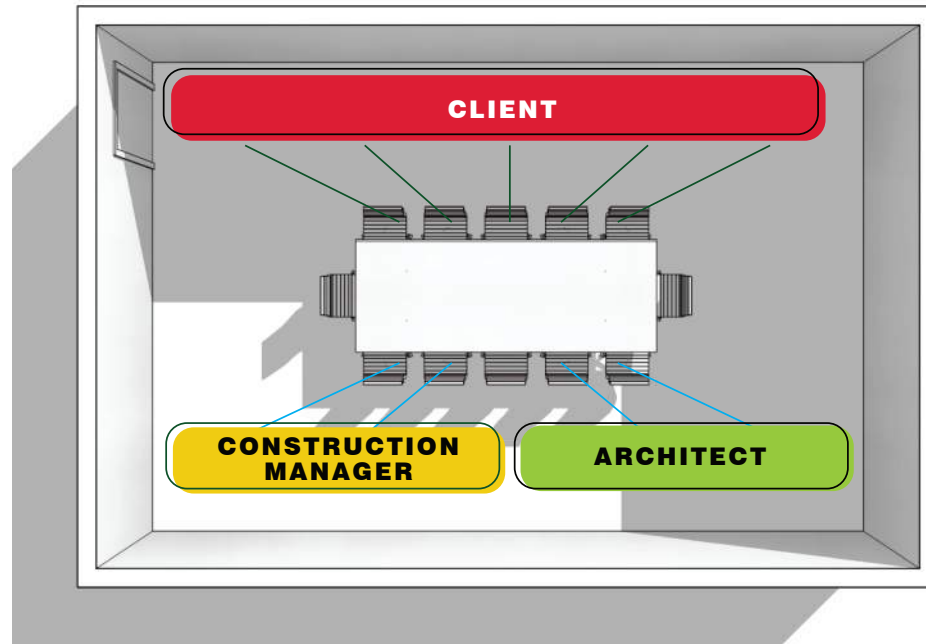
- **Capacity and Circulation:**

- Middle School Design Considerations
- Communication plan for redistricting to balance class sizes across the middle schools
- Bus Loop/Parent Drop-Off
- OMS Auditorium and Cafeteria Expansion
- OMS Auxiliary Gymnasium

- **Storage (Arts/Athletics) / Transportation / Staffing needs:**

- Assessing needs to provide best student support

PROJECT TEAM



Parkland has contracted with **Alloy5** for architectural services and **Alvin H. Butz** for construction management.



ALLOY5
ARCHITECTURE

ALLOY5
ARCHITECTURE

ALVIN H. BUTZ
CONSTRUCTION MANAGER

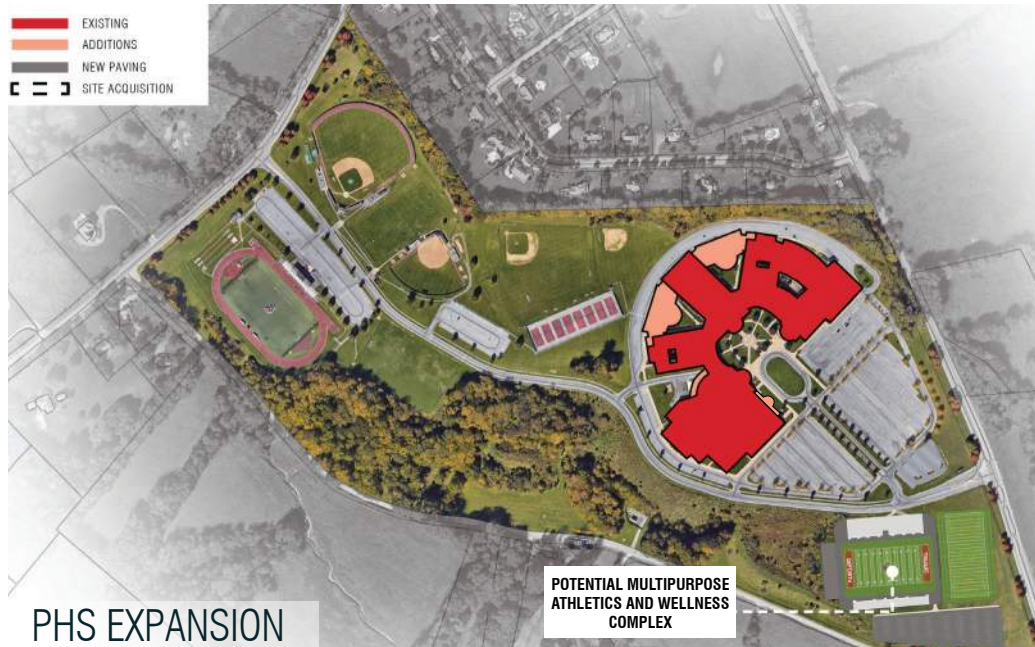
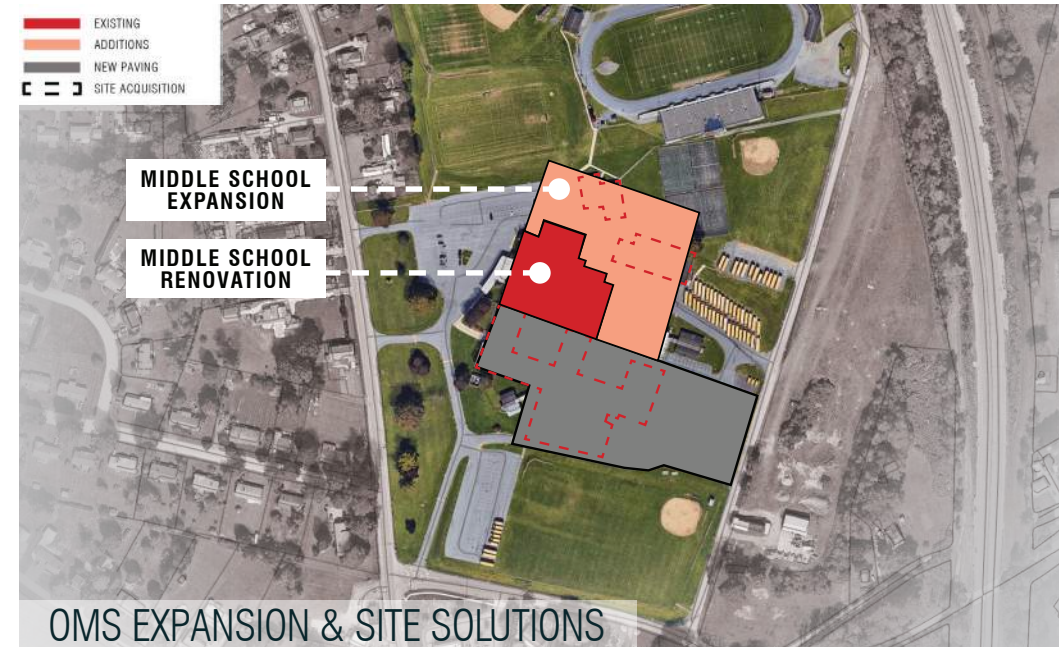


PARKLAND SCHOOL DISTRICT
VISION 2030



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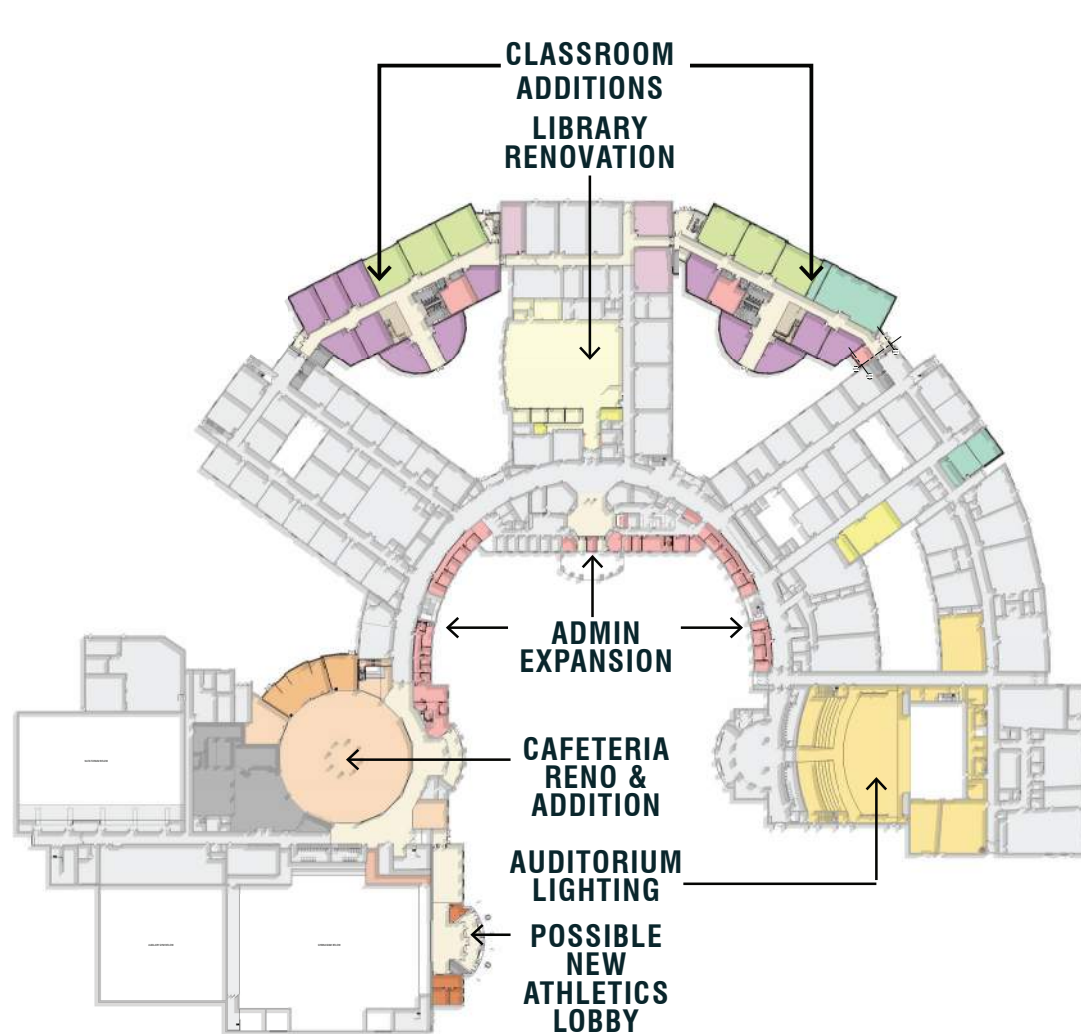
ADDRESSING THE NEED FOR INCREASED ENROLLMENT IN GRADES 6-12



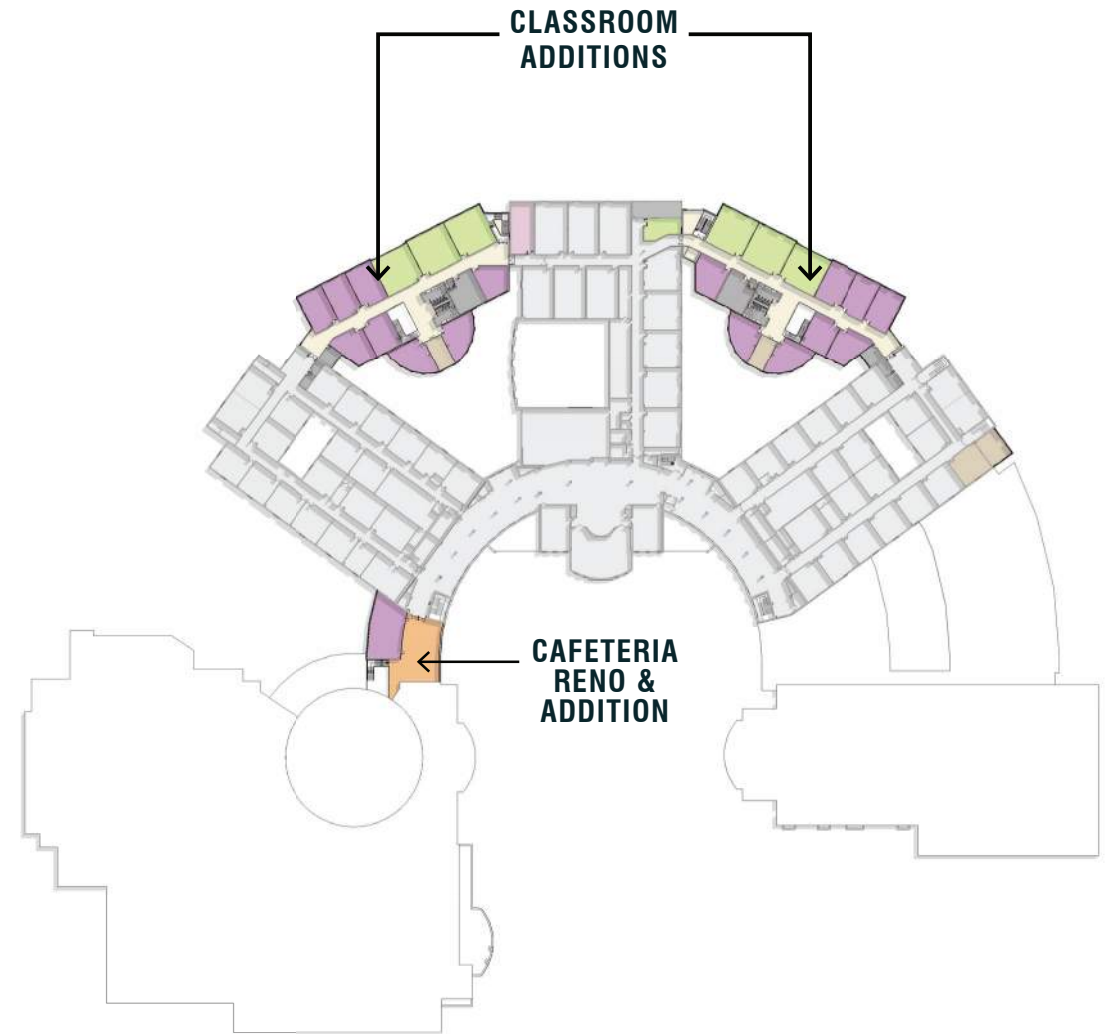
After exploring many options, the School District is moving forward with expansion plans at PHS and the administration is recommending the expansion/renovation of Orefield Middle School which will include infrastructure and safety upgrades, stadium considerations, and transportation facility upgrades. The entire project, which consists of changes to the PHS and OMS sites, are anticipated to cost \$210M and are to be completed by 2030.

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THE RECOMMENDED EXPANSION PLAN

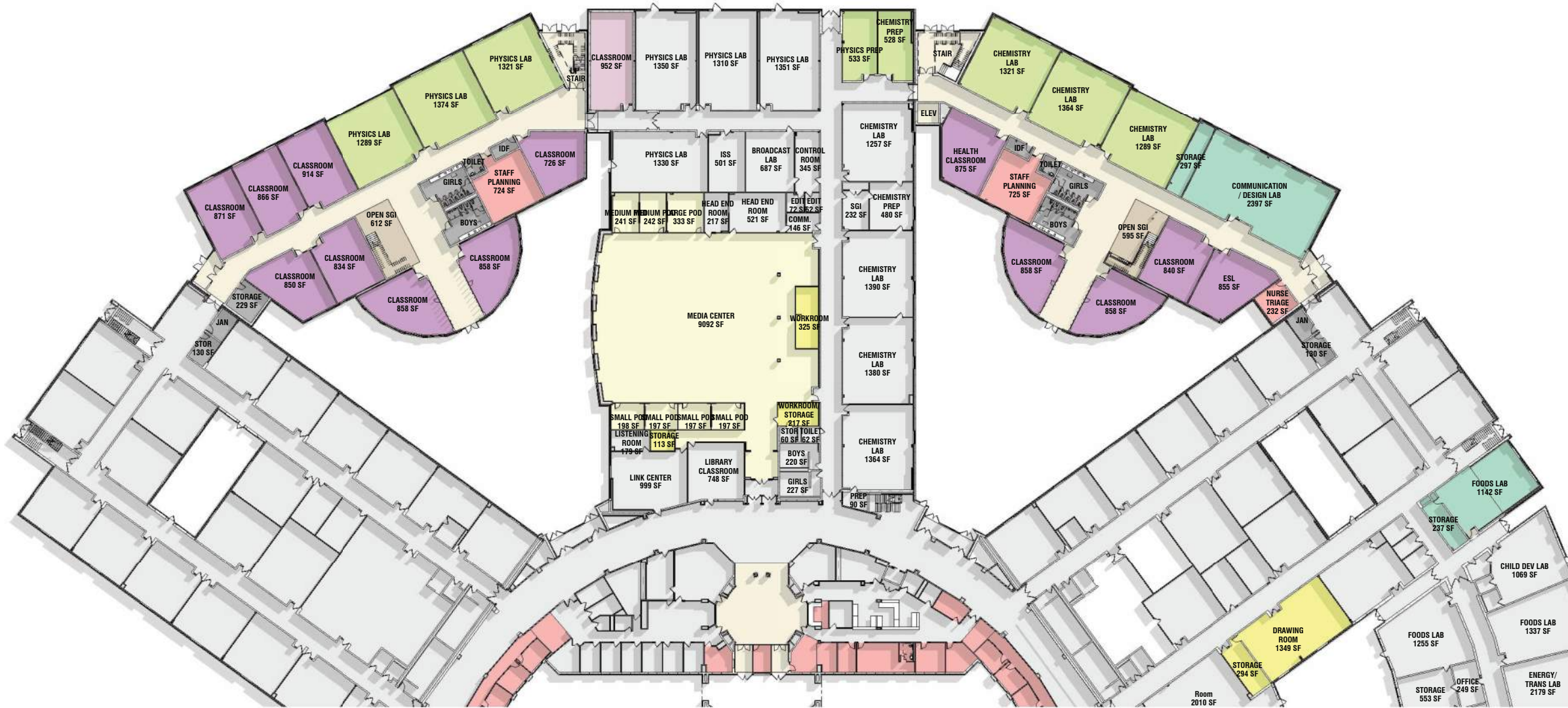


LEVEL 01

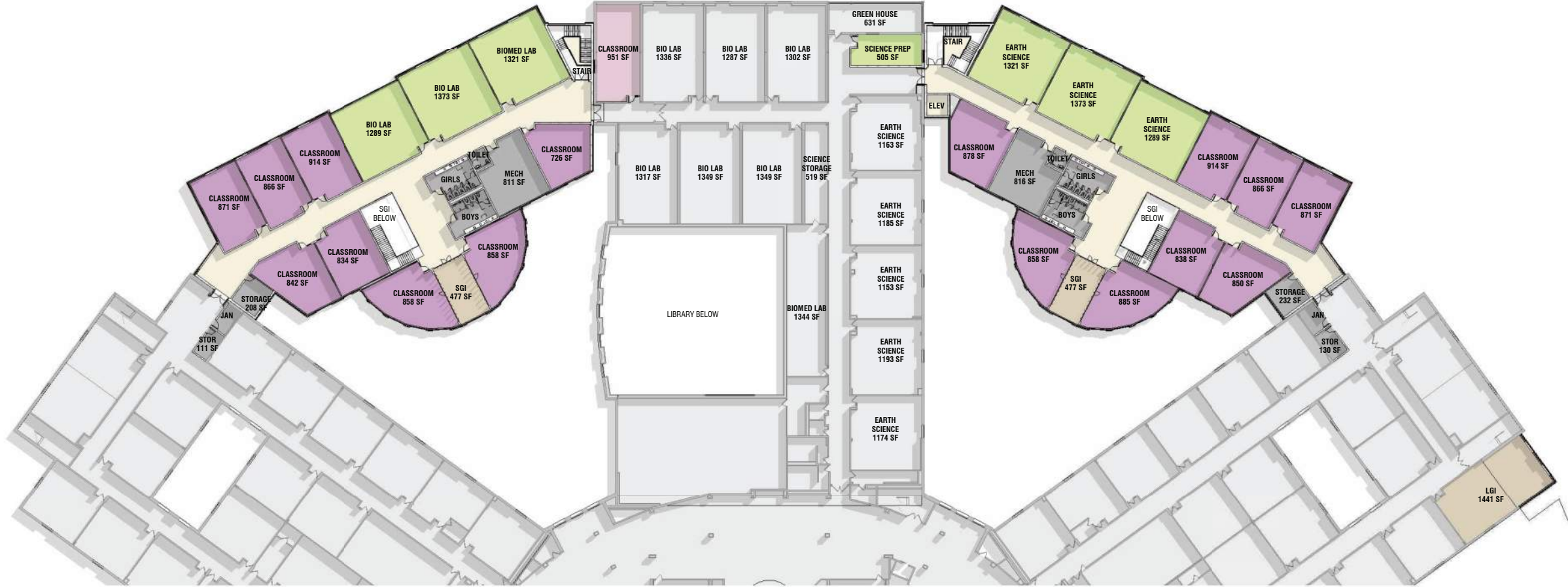


LEVEL 02

HIGH SCHOOL | CLASSROOM ADDITIONS | LEVEL 01



HIGH SCHOOL | CLASSROOM ADDITIONS | LEVEL 02



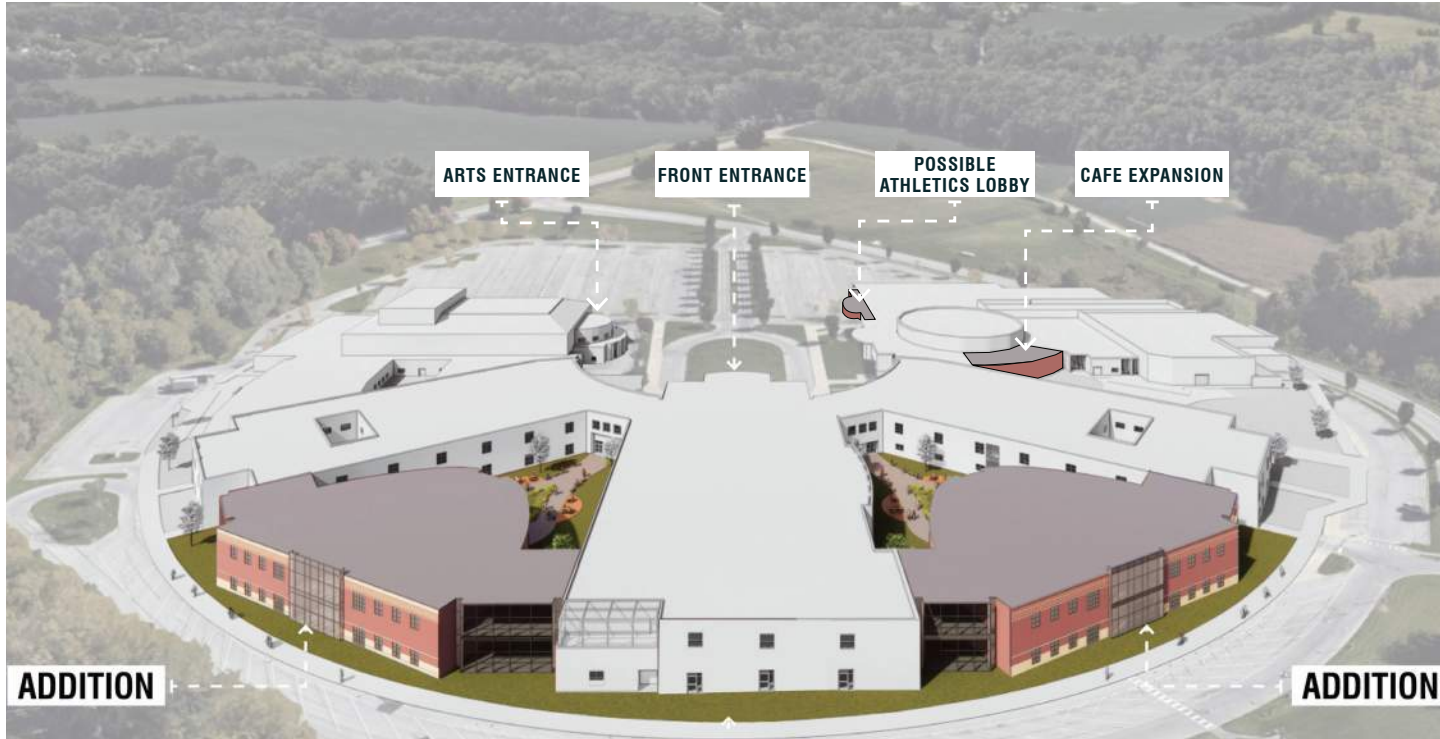
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THE RECOMMENDED EXPANSION PLAN

- **Parkland High School remains as one campus:**
 - Two additions add 28 classroom spaces and 10 science labs, along with other program to support student body growth
 - Enclosure of the back wings adds two secure outdoor learning quads
 - Renovations add square footage to cafeteria, nurse's suite, and administration offices
 - New hallway connections and staircase will improve traffic flow within the building
 - This plan aligns with community input favoring one high school
 - The project is considerably more cost effective than building a 2nd high school which was estimated at \$250M

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THE RECOMMENDED EXPANSION PLAN



One Parkland High School :

- Keeps academic offerings strong
- Staff remains in place
- Strong learning supports remain
- Builds on positive culture and community
- Keeps a robust curriculum in place for all students to experience
160+ electives, 85 clubs and activities remain
- Expansion of science, technology and creative spaces for PHS students
- More spaces for silent study, more places for socialization

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THE RECOMMENDED EXPANSION PLAN



Critical infrastructure and safety updates are addressed for the OMS site:

- Moves the bus lot and fueling stations away from the school
- Creates a secure bus loop
- Addresses the need for sewage upgrades
- New addition will house more students
- Adds parking, sidewalks, and traffic loops/bus/parent pick-up areas designed to alleviate congestion and increase safety
- Creates teaching team oriented spaces for middle school students at OMS
- Result is a balanced capacity between the two Parkland middle schools

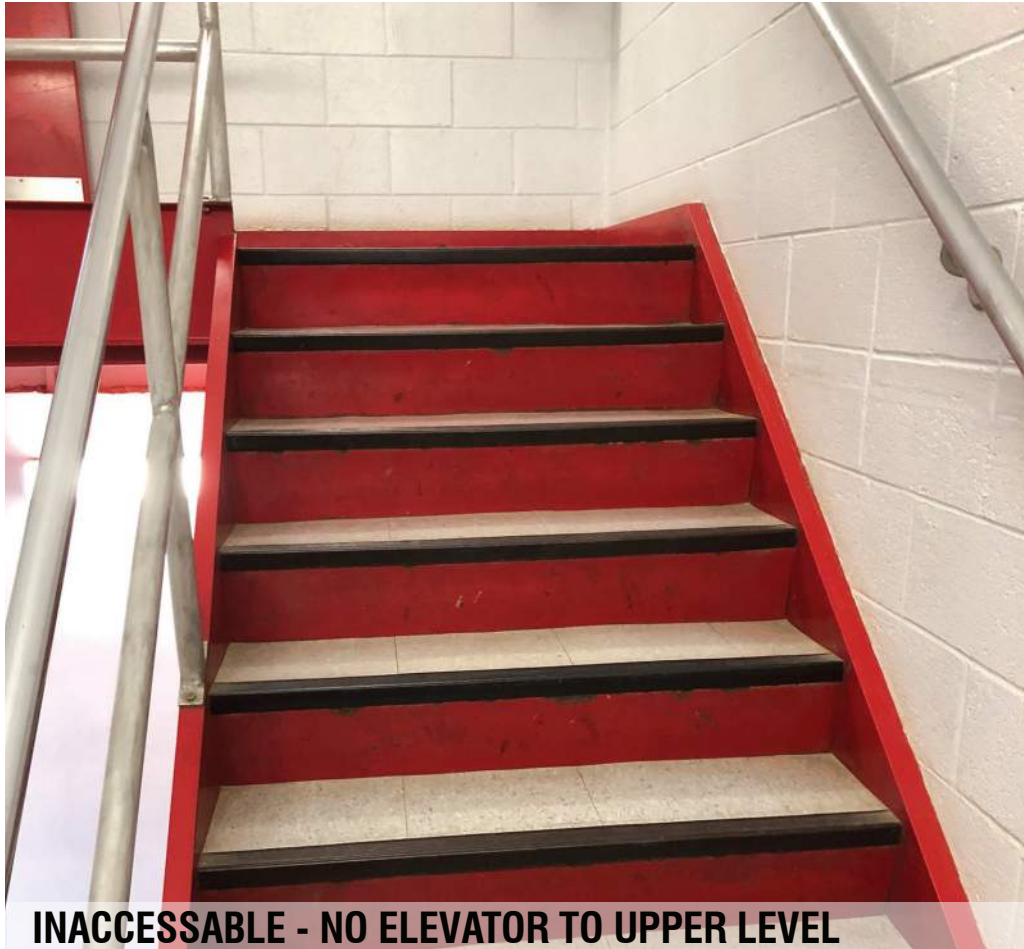
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OMS SITE DEFICIENCIES



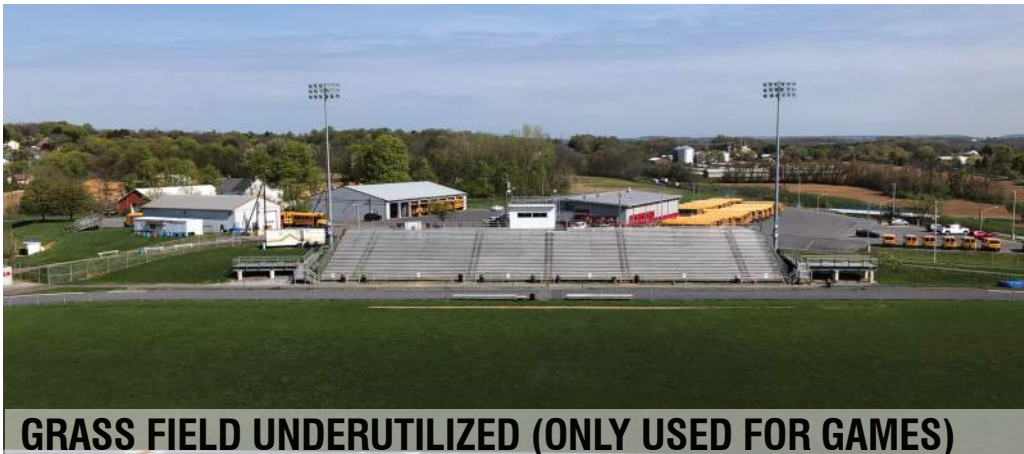
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OMS SITE DEFICIENCIES - FIELD HOUSE



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OMS SITE DEFICIENCIES - STADIUM



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MULTIPURPOSE ATHLETICS AND WELLNESS COMPLEX



A multipurpose athletics and wellness complex would be constructed on the current PHS campus to include:

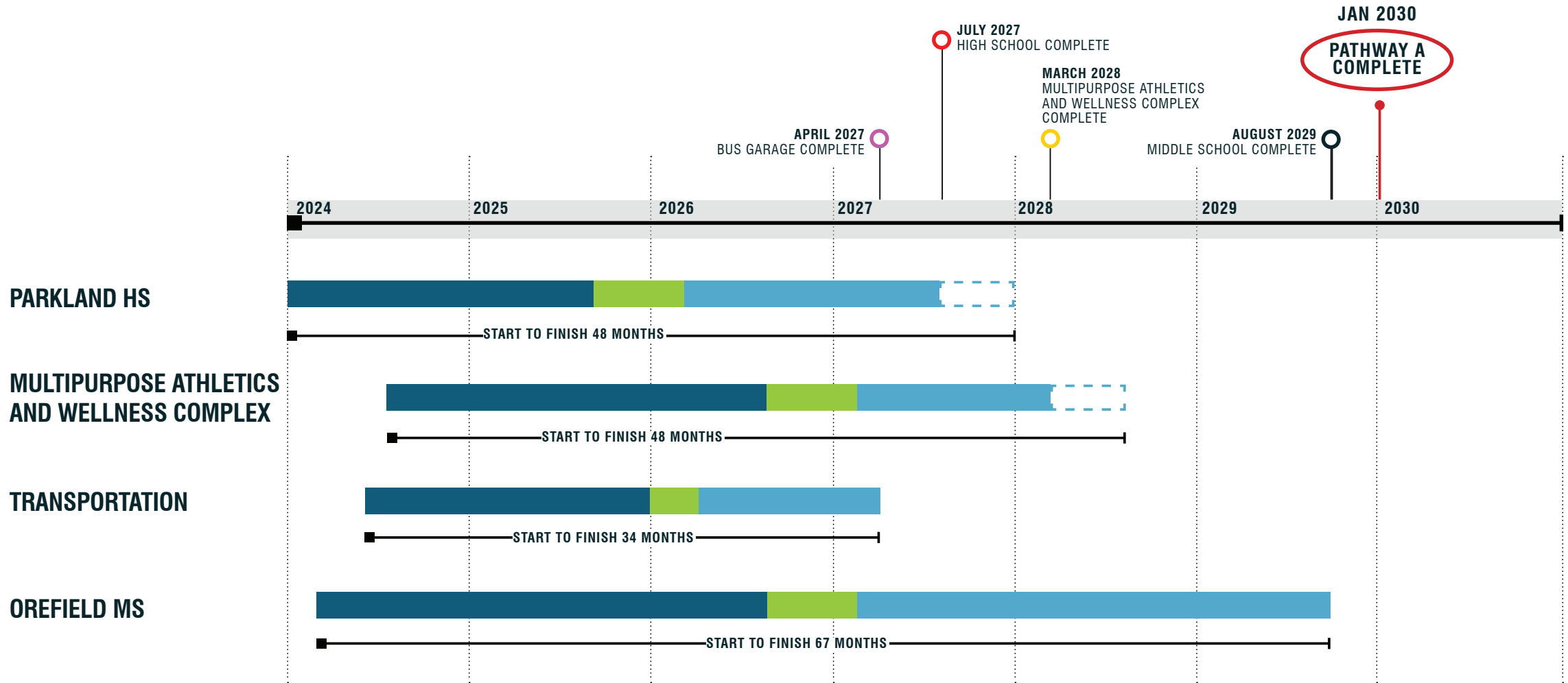
- An 8,500 seating capacity venue that can fit the full staff and student body for events and emergencies
- One turf multipurpose field and one grass practice field for school and community use
- Ample parking for stadium events
- Locker rooms and restrooms that comply with ADA and Title IX
- Storage for band and athletics
- Additional space and fields allow for expanded after school use for intramurals, arts and other activities (including band practice on a field vs. parking lot)
- Serves as a prominent symbol of Parkland Pride, positioned visibly at the entrance of the PHS campus
- Unites football and band with the rest of sports and activities on one campus since everyone can ready for competition on site at the school
- Current stadium and field house is in need of plumbing, roofing, bleachers, sewage and space upgrades and does not offer adequate storage space
- The new location enables District to start with a clean slate and build to suit for growing community needs rather than retrofit a site that is currently too small to meet needs

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MULTIPURPOSE ATHLETICS AND WELLNESS COMPLEX



VISION 2030 TIMELINE



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PROBABLE COST

PARKLAND HIGH SCHOOL		Budget	OTHER		Budget	OREFIELD MIDDLE SCHOOL		Budget
NEW ADDITION		\$24,600,000	MULTIPURPOSE ATHLETICS AND WELLNESS COMPLEX		\$19,000,000	NEW ADDITION		\$62,320,000
RENOVATION		\$2,150,000				DEMO		\$1,800,000
ALTERATIONS		\$6,500,000	BUS GARAGE/SITE		\$11,000,000	RENOVATION		\$11,000,000
SITEWORK		\$3,000,000				SITEWORK		\$11,268,000
CAFE EXPANSION		\$5,000,000				2027-29 INFLATION		\$11,348,454
2025 INFLATION		\$1,190,000						
2026 INFLATION		\$1,237,600						
TOTAL CONSTRUCTION COSTS*		\$43,677,600				TOTAL CONSTRUCTION COSTS*		\$97,736,454
TOTAL SOFT COSTS		\$10,919,400				TOTAL SOFT COSTS		\$24,434,113
PROBABLE PROJECT COSTS*		\$54,597,000	PROBABLE PROJECT COSTS*		\$30,000,000	PROBABLE PROJECT COSTS*		\$122,170,567

VISION 2030 TOTAL BUDGET
\$209,767,567

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PROJECT STATS



- This project upgrades Parkland's two largest facilities that house 45% of the District's total student population and will alleviate enrollment concerns in grades 6-12 across the entire school district
- Enrollment growth at SMS, OMS and PHS is expected to increase by 1,400 over the next 10 years
- This \$210M plan alleviates need to build a new high school and new middle school that was projected to cost \$410M
- Parkland's current 2023-2024 millage rate is the lowest in Lehigh County at 16.30
- Seating capacity at the newly proposed athletic/arts complex will be 8,500 and will also serve as an emergency evacuation site for the District
- PHS has approximately 1400 students involved annually in a PIAA sport or Marching Band

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