

Poolesville High School

Montgomery County Public Schools – Community Meeting 01

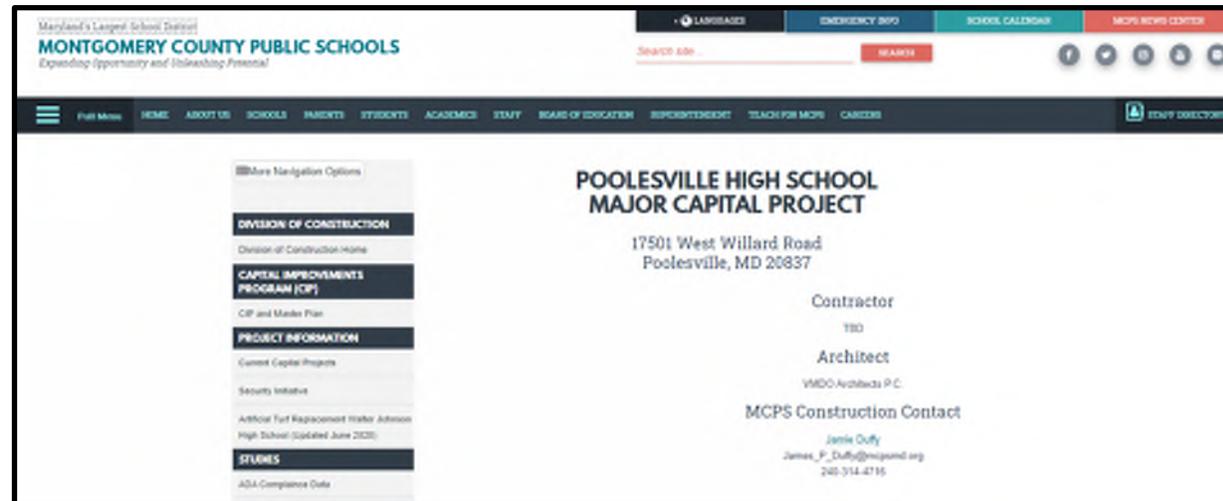
VMDO Architects | September 22, 2020



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Project Information

<https://www.montgomeryschoolsmd.org/departments/facilities/construction/project/poolesvillehs.aspx>



PROJECT CONTACT

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MCPS Project Manager

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Zoom Meeting Protocols

1. Please remain muted unless invited to speak – video is optional.
2. Sign in through the chat function. Provide the following information:
 - a. Full Name
 - b. Email address
 - c. Affiliation
3. Submit questions through the chat function. We'll pause periodically to address them.
4. Please complete our survey:

<https://www.surveymonkey.com/r/VL6KCJ8>



today

Meeting Goals

inform

explore

- **Build relationship**
You are experts on this place and this school and have a stake in its future. We bring expertise in design and construction. Open, productive communication between us will combine these forces, powering the design process to uncover an outcome that is meaningful and effective for those it will serve.
- Inform you about the PHS Major Capital Project & the PHS Feasibility Study
- Offer some background knowledge based on relevant projects
- Gather your feedback on what you've heard and better understand your values and priorities

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next time

Meeting Goals

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- Develop background knowledge on best-in-class contemporary High Schools
Take a “virtual tour” of our pick of top facilities & discuss how they support contemporary pedagogy.
- Explore different program elements (spaces) and what qualities and relationships they should have
Explore potential tradeoffs and synergies .
- Explore the idea of “Learning Communities” – identifiable neighborhoods of space that create smaller scales of community within the school.
Explore what might be in these hubs of student support, and what spaces need to be outside of it to support PHS at the scale of “One School”

Agenda

- 10 min Welcome + Team Introductions
- 20 min Project background
- 5 min Pause for questions
- 20 min Feasibility Study
- 5 min Pause for questions
- 20 min Vision for the Future
- 5 min What's next?
- 20 min Public comment & discussion



Montgomery County
Public Schools

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POOLESVILLE  **HIGH SCHOOL**



98% of our projects are educational.

+ **2/3**

of our projects are additions + renovations



We Only Design for Education

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Classrooms



Labs





Special needs

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Commons







Sustainability and Net Zero Energy

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YOUR PROJECT

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Project Goal

Provide a great contemporary high school for Poolesville that

- Has what students and educators need to succeed
- Has a civic presence and serves as an asset to the wider community

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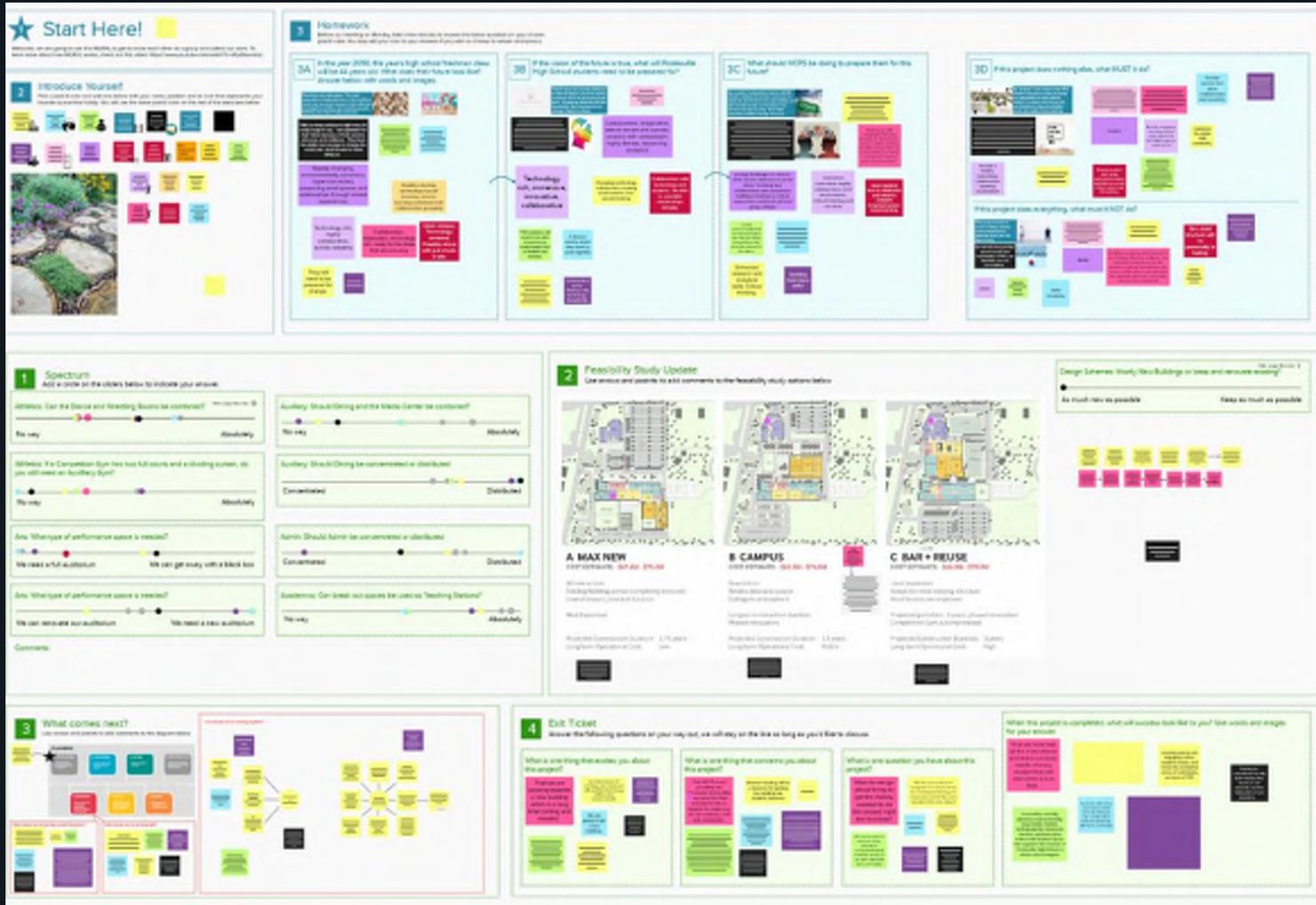
Project Scope

- Expanded Poolesville High School: 144,783 NSF
- Capacity: 1,499 students (Master Planned for 1,800)
Current enrollment = approx. 1,200
- Construction Budget: \$60.2 million
- Site: 37.2 acres
- Existing Structures: 146,500 SF Main Building
21,000 SF Science Annex (no work)

Gathering your feedback

PHS Leadership and Staff
Input gathered via:

- Video conference
- Email
- Survey
- Mural (online whiteboard)



*"MCPS needs to supply curriculum, resources, and forums that give [students] the **knowledge, strength, resilience, and collaboration** to create and achieve their goals."*

*We need to give them **the space and structures to fail and persevere.***

*We need to continue to **push past rote learning and encourage application of knowledge.**"*

What we've heard

Powerful Vision

“A beautiful, carefully planned, environmentally responsible, flexible, technologically advanced, creative, and innovative indoor and outdoor space that captures the essence of Poolesville High School, a whole school magnet.”

Deep concerns

“I'm concerned that in the quest to save money, existing spaces will be either repurposed or lightly renovated and we will have to modify our visions and plans for our classes and learning environments. We've been waiting decades for this new structure and we want to make sure that it's modern, responsive, technological and environmentally captures what we're about.”

Emerging Project Values

The new Poolesville High
School facility must be ...

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Connected

- Four magnet houses; ONE school
- Promote student engagement in School Community

Flexible

- 100 year facility + unknown future
- High level of curricular variety relative to school size
- Individual courses involve multiple learning modes/activities.

Equipped

- The right spaces, equipment, and technology to allow teachers and learners to work fluidly and creatively.

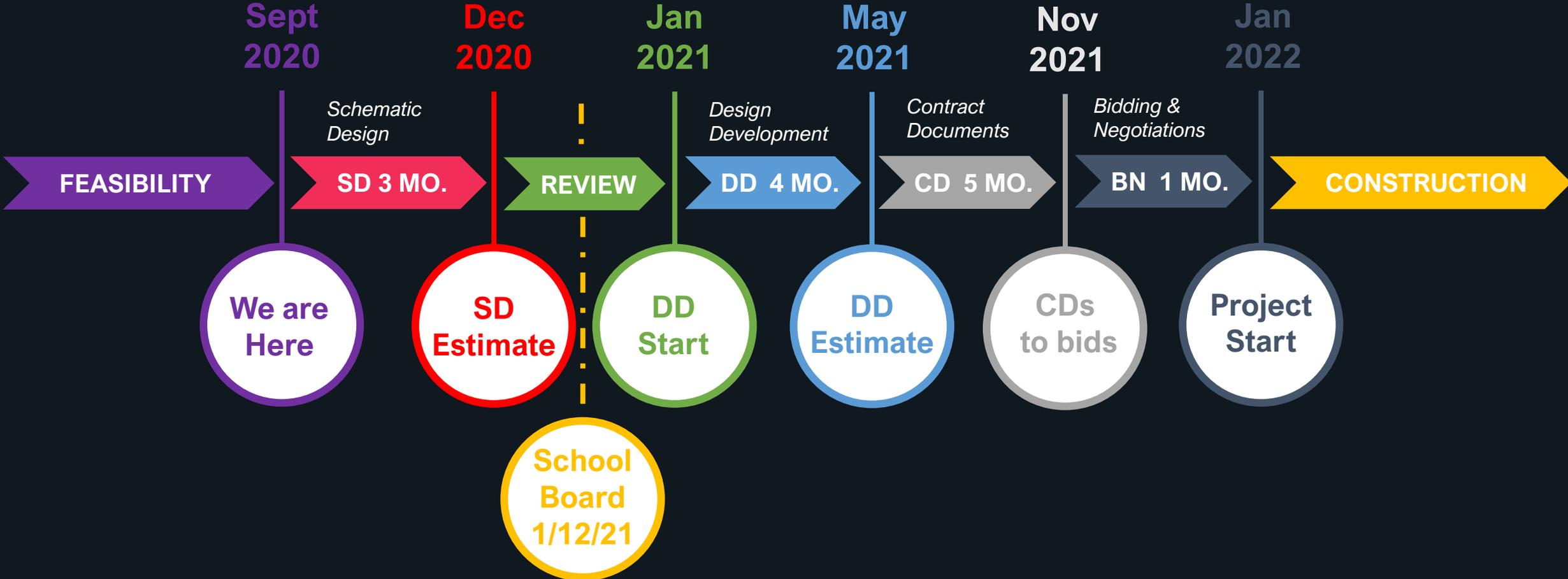
Supportive

- Providing for student needs & wellness – full of light and air
- Promotes sustainability and ecological education

Inspirational & Celebratory

- A building and site that express our unique place and community, and the high caliber and aspiration of the activity within.

Schedule



Feasibility Study

Scope & Constraints

Budget, Site,
School capacity,
Construction time,
Existing conditions,
Etc.

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Schematic Design

Community Vision, Goals and Feedback

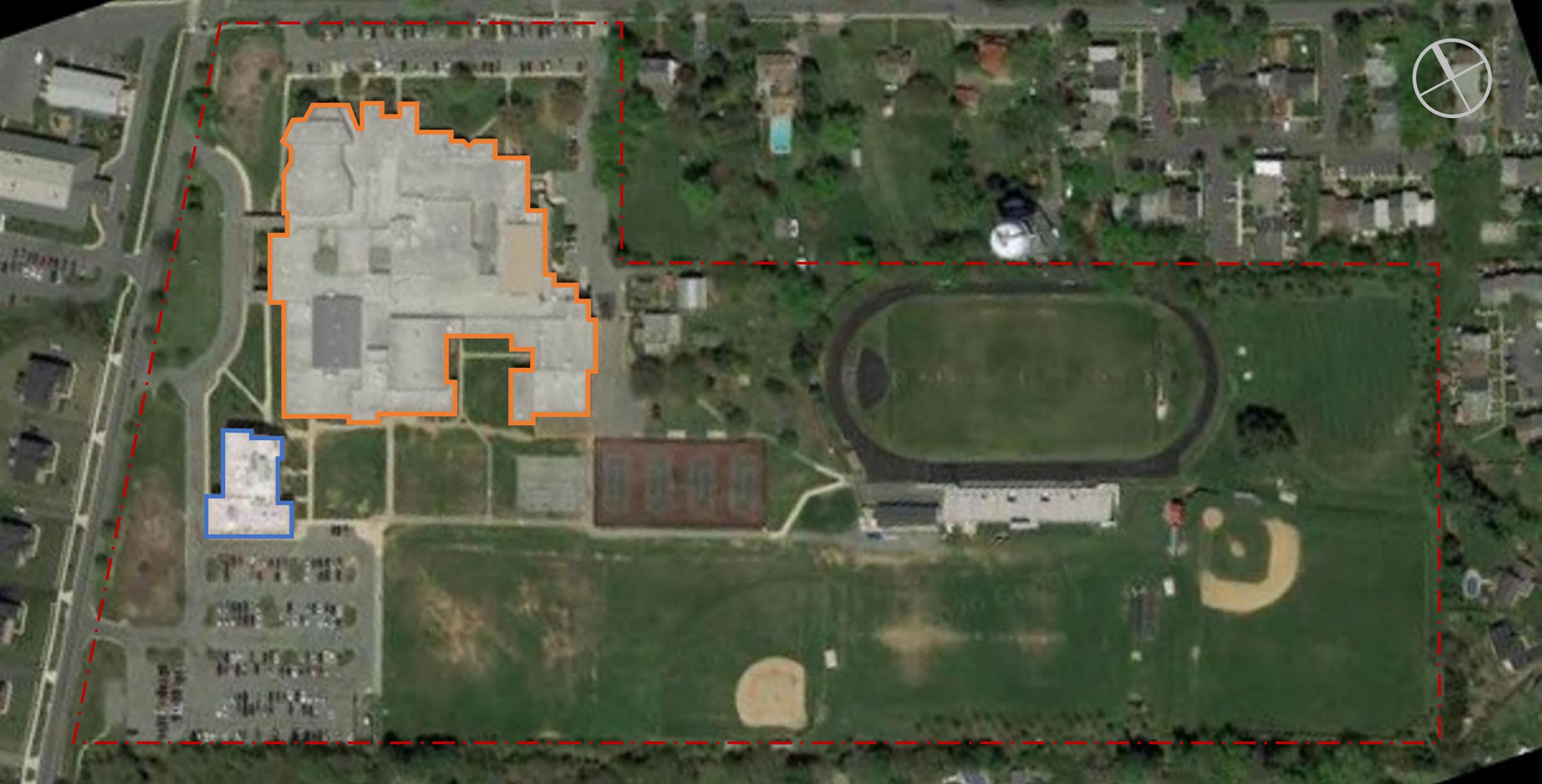
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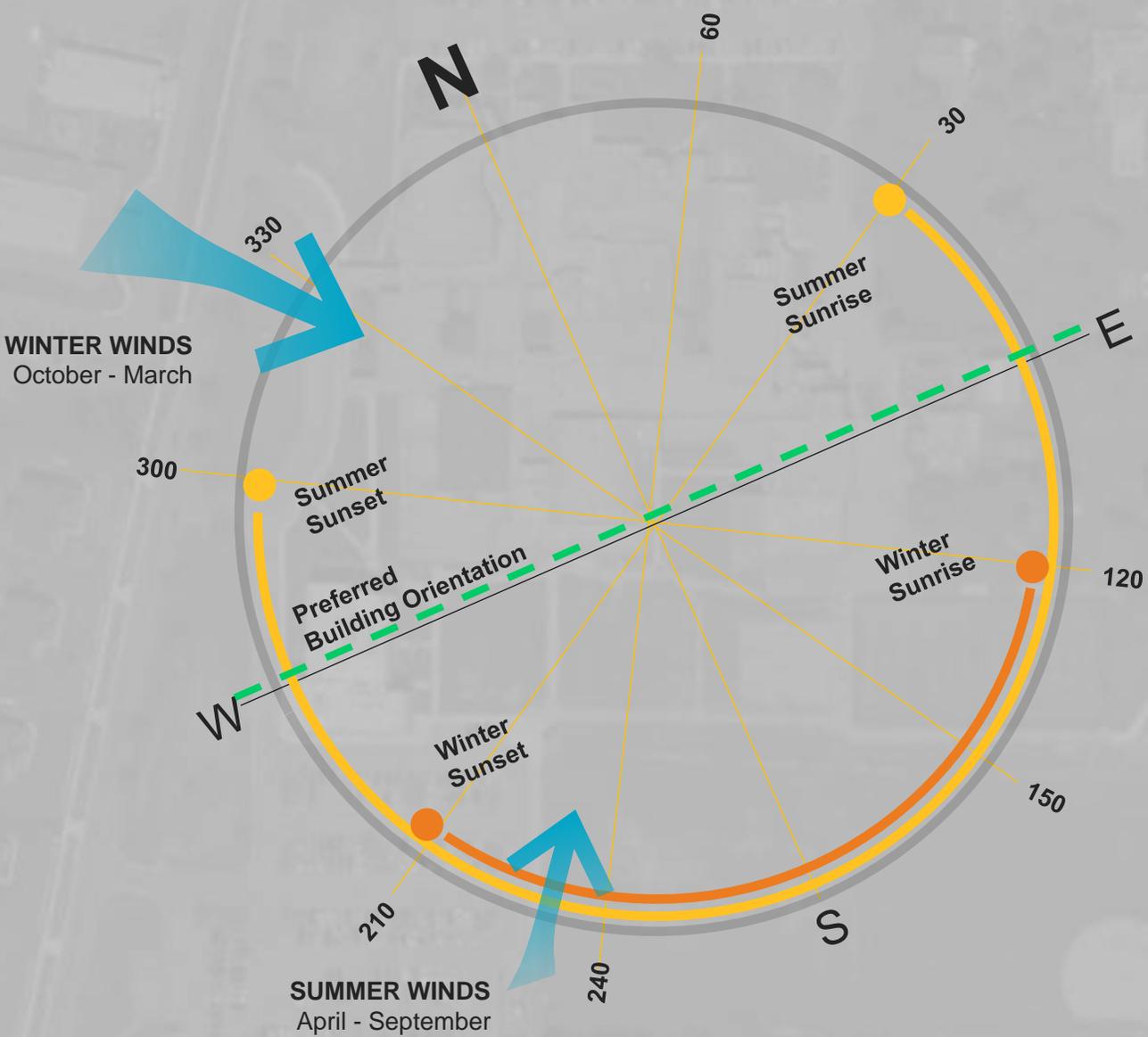
Design
Concepts

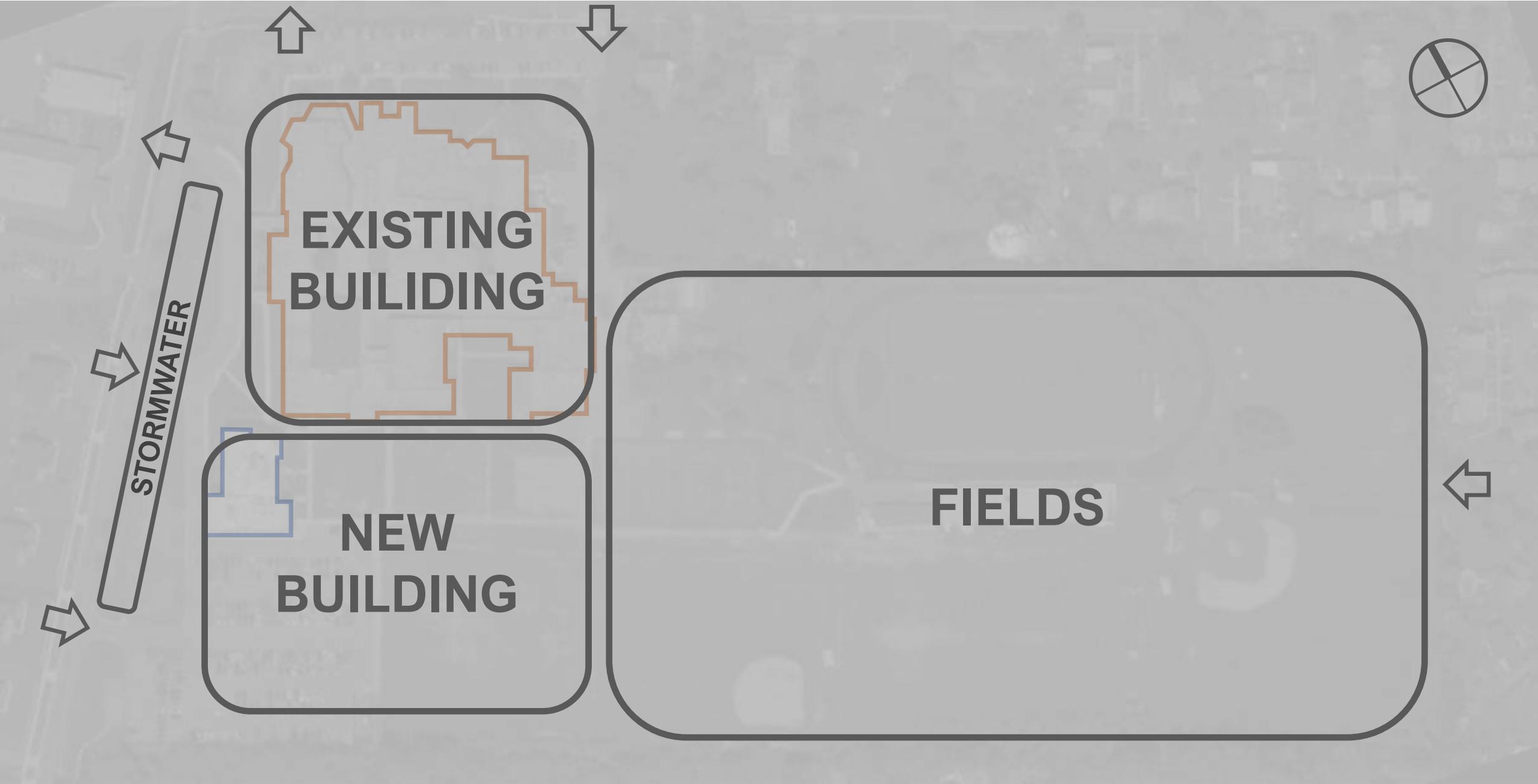
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Pause for questions



Existing Site



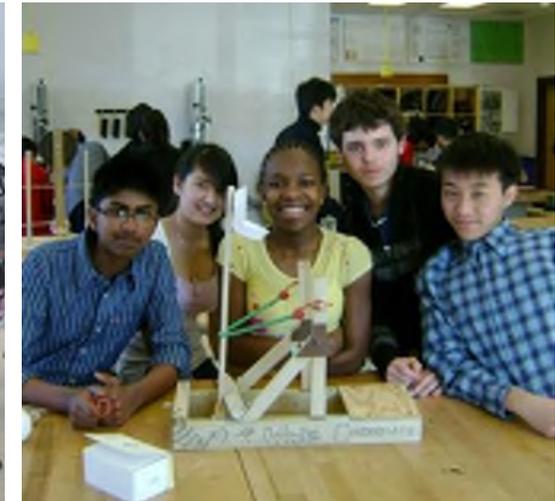


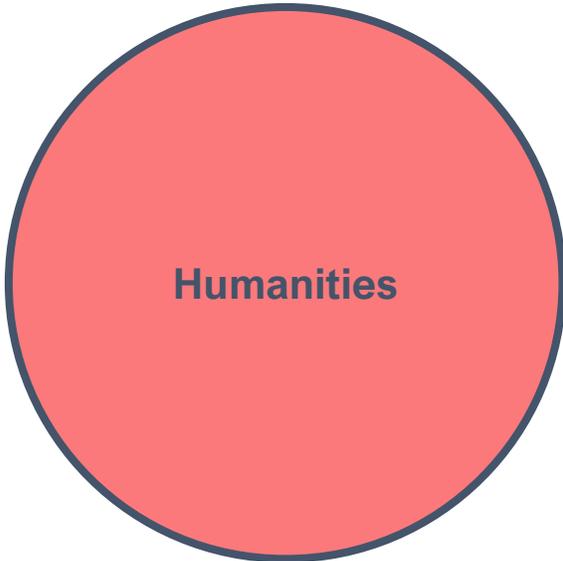
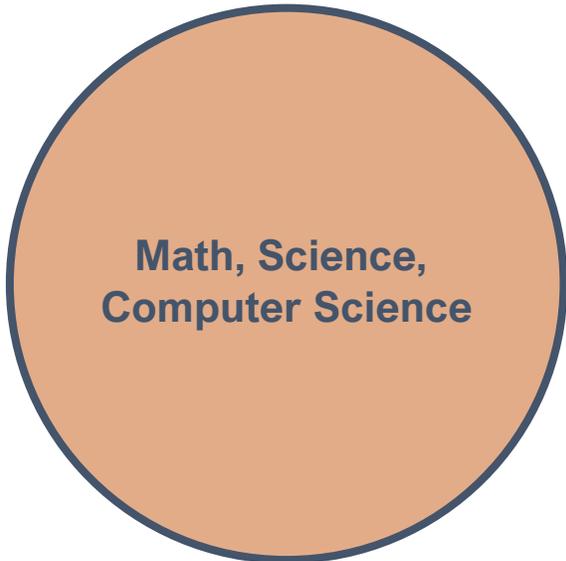
What makes Poolesville HS special?

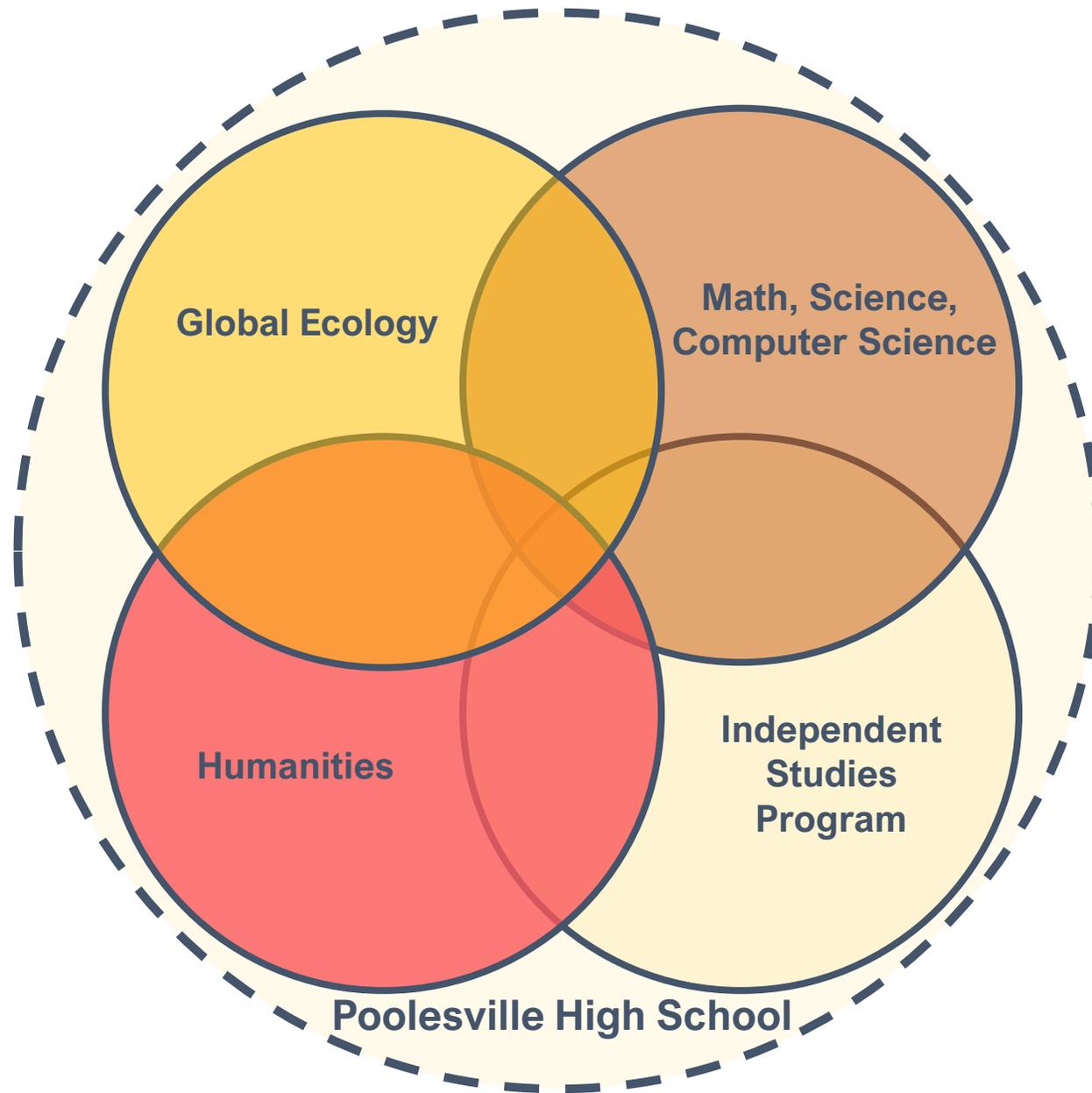
- #1 High School in MD and #90 Nationally
- Academy School
- STEM School (#39 Stem HS nationally)
- Hybrid School - Magnet + Local School

All Rankings

- 👉 #90 in National Rankings
- 👉 #1 in Maryland High Schools
- 👉 #3 in Washington, DC Metro Area High Schools
- 👉 #1 in Montgomery County Public Schools High Schools
- 👉 #31 in Magnet High Schools
- 👉 #39 in STEM High Schools









A facility is composed of many elements and systems with distinct lifespans.

A building project at an existing facility involves thinking about these individually and as a whole, and assessing which have ended their useful life.

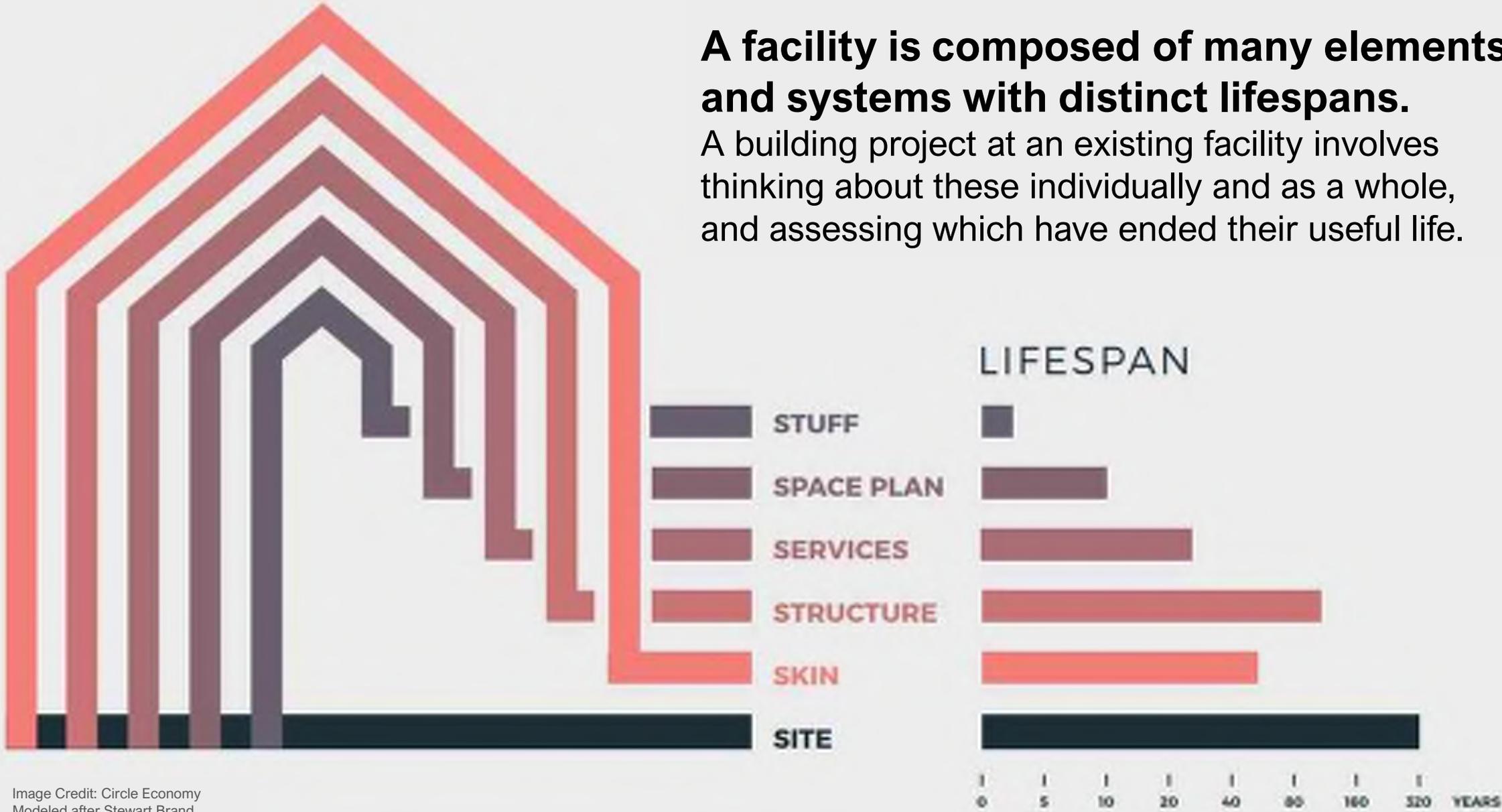


Image Credit: Circle Economy
Modeled after Stewart Brand



Renovation at this level is **transformative.**



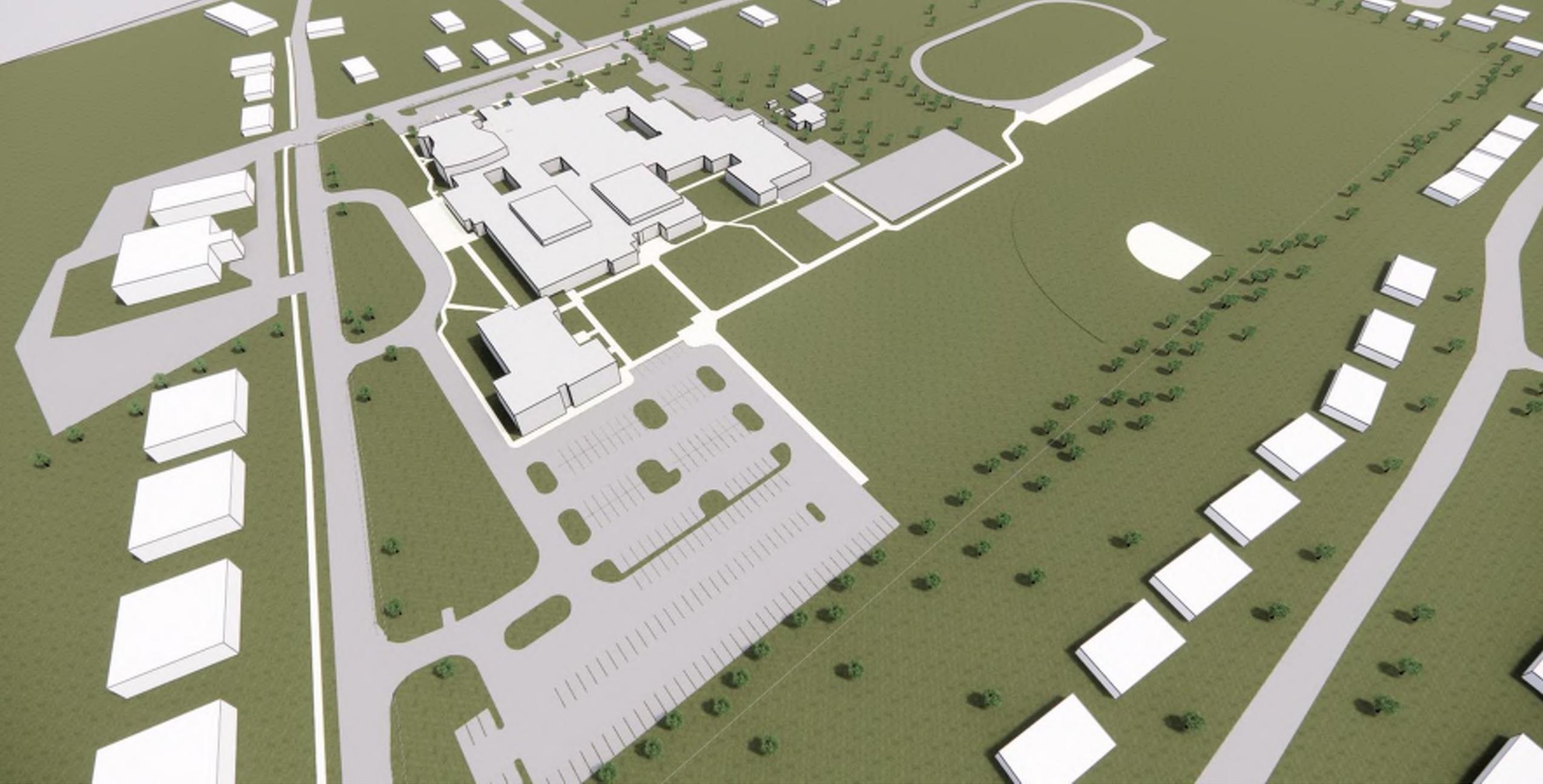
Strategy C – Addition + Renovation

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What remains to be explored & decided?

How the new facility will **look, feel, and function.**

- What's exactly the right extent of space to be renovated?
- What is exactly the right configuration of new construction?
- What is the right configuration of major circulation to allow for connections to site, convenience, indoor & outdoor views, academic display & discovery, & layers of access for flexible use?
- Are there spaces in the program that can be combined?
- Where should different activities be located? Which should be together, and which apart?
- What's the right number, size, and location of outdoor learning spaces?
- And much more...



C ADDITION + RENOVATION Existing Conditions

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Transformative Renovations: Before + After

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BEFORE - Existing Entrance William Monroe MS & HS



AFTER - New Entry and Addition

William Monroe MS & HS

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BEFORE - Renovation and Addition Fauquier High School

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AFTER - Renovation and Addition Fauquier High School

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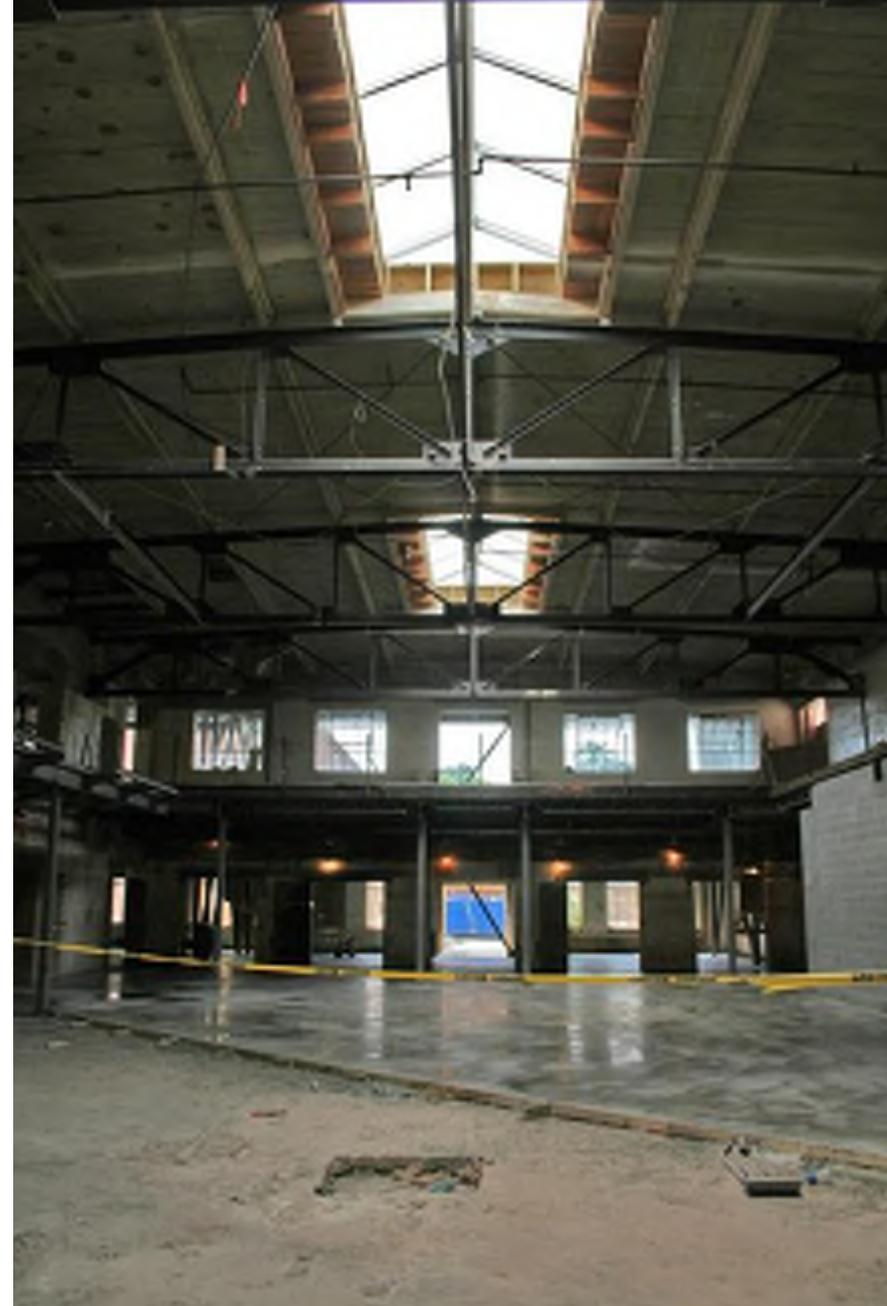
BEFORE - Existing Courtyard John Handley High School



AFTER - Renovated Courtyard, Dining

John Handley High School

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BEFORE - Original Gym John Handley High School



BEFORE - Renovated Media Center John Handley High School



BEFORE - Existing Corridors William Monroe MS & HS



AFTER – Improved circulation & transparency William Monroe MS & HS

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BEFORE – Existing corridors Forest MS



AFTER – Corridor renovation with transparency to classroom Forest MS

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BEFORE – Existing Library William Monroe MS & HS



AFTER – New Media Center William Monroe MS & HS



BEFORE – Existing Cafeteria William Monroe MS & HS



AFTER – New Flex Learning Suite William Monroe MS & HS



BEFORE – Existing Labs Jouett + Walton MS



AFTER – New Lab Renovation Jouett + Walton MS



BEFORE – Existing Labs Charlottesville HS



AFTER – New Lab Renovation Charlottesville HS



BEFORE – Existing Media Lab Western Albemarle HS



AFTER – New Lab Renovation Western Albemarle HS

Pause for questions

What's next?

Document the feedback from this meeting and the survey

Survey and model existing conditions

Meetings with PHS leadership

Second community meeting – October 6, 7-9pm

next time

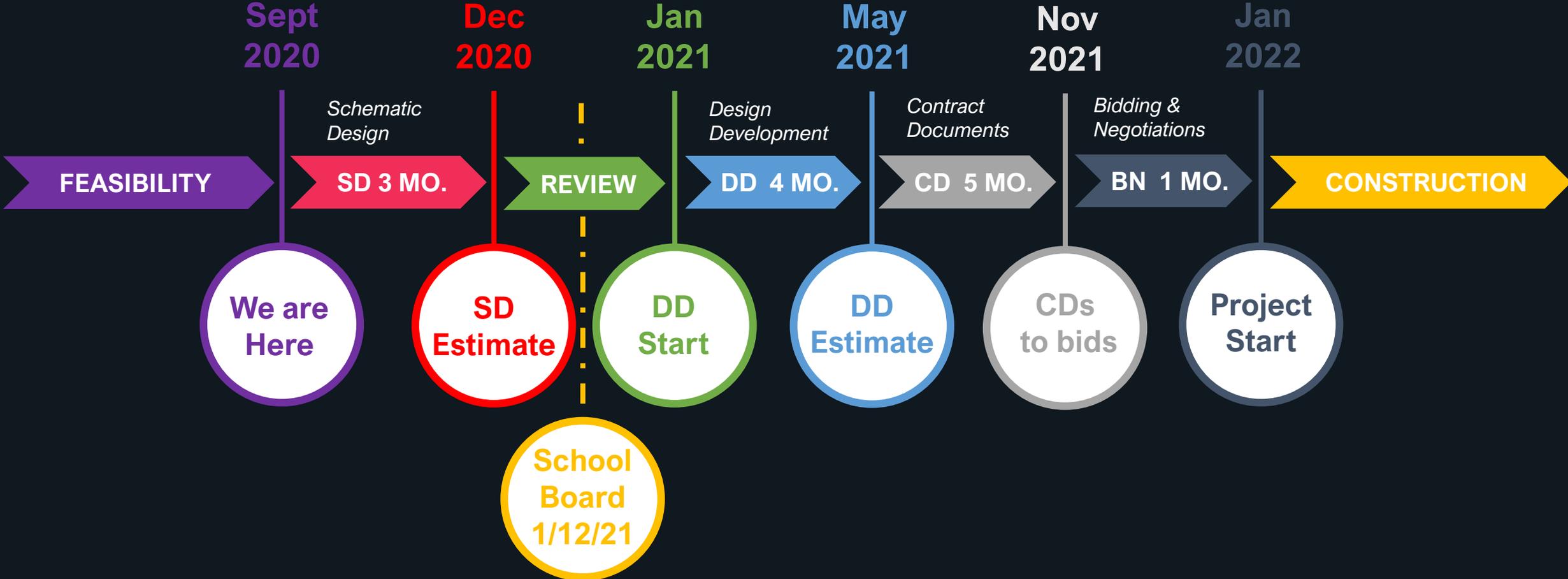
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Survey



We welcome your input!

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Public Comment & Discussion