



EHS FIT Agenda- January 18, 2023

1. Educational Consultant Update- Steve Onuscho
2. Review of requests for information from prior meeting - Steve/Paul/Laura/Beth
3. Building walkthrough - Steve
4. Collation of feedback for survey for students and faculty at EHS (with consultant assistance) to bring draft to the Facilities Steering Committee
5. EHS FIT Feedback form- for all team members to complete after our meeting on January, 18th.

Requests for information from last meeting

Floor Plans for EHS?	EHS floor plan
Special Ed How many rooms at EHS are special education rooms?	EHS Special Education Classrooms
Do the current spec ed rooms in full size rooms need to be full size rooms?	The requirement per federal regulations is 28 sq ft per each student in a special education classroom.
How many spec ed rooms per buildings, do we need?	Ideally one per teacher but that is unrealistic. I would say that if we had one room for every 2 special ed teachers, that would be fantastic. For small group work, for IEP meetings, for study skills classes, ELA and math Labs, etc. These rooms could be used by one teacher while the other special ed teachers are co-teaching. This way there could be 2 teacher desks in one room and only 2 people would share the space.
ESL Do we need additional ESL space?	With two teachers as in the past, each teacher could have a room. Currently we are at 31 students and that is up 50% from the start of the school year. They each should have a room for their own classes, small group work and testing as well as the ability for subject area teachers to send students to this room during classes if needed.
Special Program needs What needs do we have for VESPA? In-school OSS?	VESPA- ideally VESPA students can report for support without moving within the building; this is for safety purposes as well as student need (anxiety/school avoidance issues). This space is currently housed in the district administration building and size limits occupancy to <12

	<p>The In-school OSS Program should not be part of the EHS building. The idea behind that program is that students are not welcome in the building, but are also not free to be at large in the community for the length of their out-of-school suspension. Instead they report to a district facility with supervision to complete academic work. We need a space completely separate from the building in access and supervision to house students on OSS and a student advisor, proximity to the EHS campus is favorable for the purpose of instructional support.</p>
<p>Gymnasium A gym facility that can hold the entire school- What does that constitute?</p>	<p>Current Student enrollment as of November 2022 is 2,773 at EHS, another 212 students not enrolled directly in EHS. There are currently 292 EHS staff members. For a total of 3,277 students and staff.</p>
<p>Auditorium Current Capacity? What capacity should the auditorium be able to accommodate?</p>	<p>Currently the auditorium can accommodate 744 people in fixed seats and 13 people in ADA spaces for a total of 757</p>
<p>Study Hall/Common Spaces at EHS What common spaces and capacities do we have? What do we want based on current staffing/logistics?</p>	<p>Current capacity in auditorium = 744 Current capacity in HIVE space = 200 approx 200 approx Current capacity in MMR A/B = A = 40 B = 60 A = 40 B = 60 Current capacity in Cafe 1= 400 MAX 400 MAX Current capacity in Cafe 2= 350 MAX 350 MAX</p> <p>Ideally, study halls should be smaller sized groups like a class of 25-30. This would provide a quieter and more structured space for students to complete actual academic work. Currently, we have hundreds of students in the auditorium or 200 students in the HIVE. This is not an ideal study hall setting.</p>
<p>Modern Classroom Models</p>	<p>LCTI example- pedagogical space and hands-on space for STEM subjects</p> <p>Modern classroom/collaboration and projection options</p> <p>Modern classroom furniture to replace traditional furniture</p>
<p>Cafeteria needs</p>	<p>Are there ways to reconfigure to reduce the bottleneck of loading/unloading the Cafeterias in current location or are there potential redesigns to add efficiency/space/exits?</p>
<p>Parking Garage</p>	<p>S.Onuscho w/experience with parking garages: Anything is possible. The question should be is a parking garage practical and what educational value does it provide? The garage would be a nicety but provide no educational value. It is also very expensive to build for what you gain and costly to maintain.</p>
<p>Student Feedback</p>	<p>There are currently building principal advisory groups and a district level high school and middle school advisory group; The KCBA facility study was shared with the district level student groups for feedback last spring.</p>

	<p>We would like to survey HS students on perceived needs.</p>
<p>Renumbering/Reconfiguring</p> <p><i>More beneficial to group grades together instead of department?</i></p> <p><i>Relabeling wings- parent gave elementary naming example</i></p> <p><i>Quantify types of classrooms we would need?</i></p> <p><i>Safety square foot per student- science and tech ed</i></p> <p><i>Are there classes limited by space, and high interest?</i></p> <p><i>Main office space - current spot so limited for parent parking</i></p>	<p>Current numbering system needs overhaul.</p> <p>Yes. There are a number of classrooms limiting class size based on undersize dimensions. With the classroom addition proposed in the KCBA study, Science and Tech Ed educational priority in the relocation to rooms with adequate hands-on and pedagogical space. Renovation of old spaces is prohibitively expensive. Tech Ed and Science classrooms are also inefficiently capped in class sizes due to lack of space.</p> <p>Main office relocation- this proposal made sense logistically; also potentially frees up space for alternative programs with separate vestibule and entrance at what would become former Main Office location.</p> <p>Departments vs. Grade - organizing a building with the size and offerings by grade is not possible.</p>
<p>Admin Building/ District Administration</p> <p><i>What do we gain by giving back that footprint and moving district administration?</i></p>	<p>Approximately 16,000 square feet would be added to the high school if administration were to relocate.</p>
<p>Mechanicals</p> <p><i>Can we recoup space by putting mechanicals on the roof?</i></p>	<p>To do so would not be cost efficient as all the electrical and mechanical connections to the equipment would also need to go up to the roof and then the duct work would need to come back down to connect to an existing duct. Additionally, the space vacated may be limited to office or storage as classrooms require some level of natural light</p>
<p>Is there property for sale in the East Penn School District that could accommodate a new building and or athletic facilities?</p> <p>Should the existing practice fields be considered for a new gym or other buildings?</p>	<p>There is currently no plan to purchase additional land. We believe the district currently owns enough land throughout the district to accommodate new building and or athletic facilities</p> <p>EPSD is going to have an additional districtwide Athletics/Activities inquiry team to discuss practice and competition spaces in addition to land currently owned by the district.</p>
<p>9th grade center - possible?</p>	<p>EHS is currently landlocked with no adjacent property for this center. Valuable instructional time would absolutely be lost for all if students had to be bussed</p>

	from a 9th grade center for electives, upper level courses, or AP courses. Prohibitively long transition periods would have to be built between classes and reduce instructional time.
<p>Questions for architect</p> <p><i>Stairwells and hallway capacity- how do you estimate for safety?</i></p> <p><i>Safety square foot per student- science and tech ed</i></p> <p><i>Main office relocation- impact on parking</i></p> <p><i>Cafeteria considerations</i></p> <p><i>Gym considerations</i></p> <p><i>Auditorium considerations</i></p>	

POST WALKTHROUGH:

- **Cafeteria**
 - traffic flow/food pickup concerns/time for eating
 - space to accommodate reasonable feeding times/capacity
 - space to free up scheduling
 - Safety concerns - disperse students? population density
- **Science and Tech Ed**
 - space insufficient for hands-on learning
 - space needs to flexible and functional
 - space needs to seat 30 students min. w/proper square footage
- **Could an athletic center off site be considered to increase real estate available for additions to EHS?**
 - student travel a consideration
 - number of students impacted by this consideration
 - HWF would be negatively impacted by a loss of field space/outdoor space regularly
 - Students/families pay for preseason/offseason workout access (and transportation to these commercial spaces presents a barrier)
- **Expanding this with purpose; takeaway is many spaces have been retrofitted and less likely to be sustainable**
 - Core facilities sized at half of the actual high school population
- **Has building a whole new high school been considered?**
 - Cost of renovations and expansions vs. entire new build
 - A new high school presents opportunity to address multiple problems

- Historically, community concerns about moving the high school off of the current campus/ out of the “community”
 - Phased replacement example from Nitschmann
- New building, fresh start
- Have two high schools been considered? What are points to be considered?
 - Duplicative staffing
 - Growth/Demographic Study - enrollment is projected to remain relatively stable
 - Operational Costs - increase for annual budget
- How many classrooms are below 660 sq ft in EHS?
 - Steve will follow up **Out of approximately 116 rooms only 32 rooms or 28% have 660 sq.ft. or more of usable floor space.**
- Coursetaking itself is limited by classroom sizes at Emmaus High School
- Where could the large spaces go - e.g. cafeteria or auditorium?
- Upgrading classroom cabinetry/furniture - flexible spaces
- Could we expand over the practice football field instead of relocating the entire stadium?
- What does it mean to design based on more of a urban vs. rural model?
- What could the former tech ed/main office space become?
 - Programs that benefit from separate access? VESPA? Conference spaces with separate security entrance?
- Could we build a separate academic building on the practice field space?
 - Limitation of addition vs. separate design of an academic center
 - Could assist in phased replacement approach
- Updating HVAC/Mechanical systems - multi year project
- If athletic space is utilized in phased replacement approach, how do we get that space back?
- List of EPSD property with building size and acreage. (Steve added info in the FIT folder)

Specific to this committee: **Emmaus High School**Originally built 1954 with an addition 1958, turned into Emmaus Junior High 1964, addition/renovated 1999, another addition 2003, G.C. Canjalyn and Lyons Total square footage 422,974. Property size 43.9 acres. Lower Macungie Middle School Built 1999, G.C. Bilt-Rite Total square footage 180,000 Property size 56 acres. Quarry Road 79.2 acres