

Changing Minds and Achieving Success Through the Community Planning & Design Process

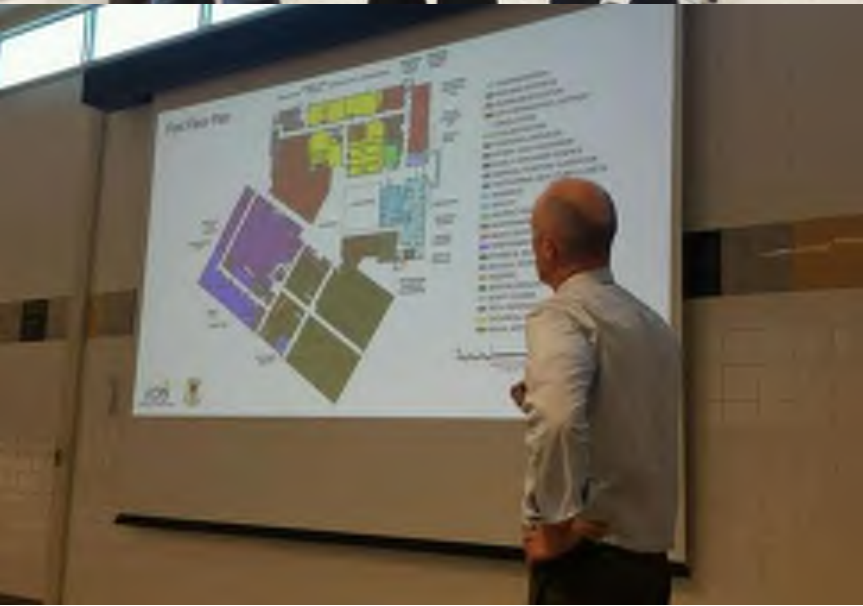
April 12, 2018



- Introduction to the Project
- School and Community Engagement
- Educational Environment
- Physical Environment
- Closing Thoughts and Remarks



■ Communications



■ Feasibility Phase



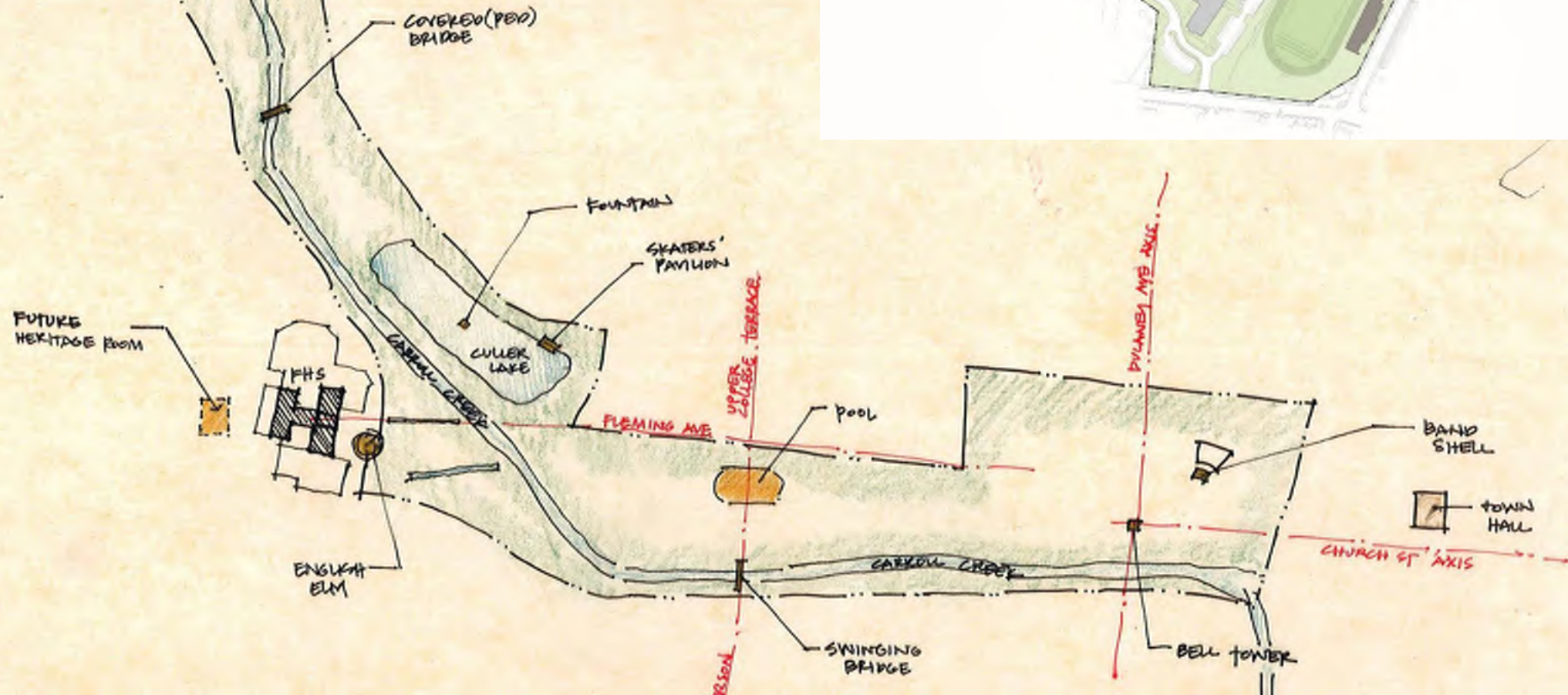
Site	Importance	Option 1		Option 2		Option 3		Option 4		Option 5		Option 6		Optimum	
		Original	Weighted	Original	Weighted	Original	Weighted	Original	Weighted	Original	Weighted	Original	Weighted	Original	Weighted
	Factor	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
Educational Specification Compliance	4	3	12	4	16	2	8	5	20	4	16	4	16	5	20
Safety	2	2	8	3	12	3	12	5	20	5	20	4	16	5	20
Parking	2	1	2	1	2	3	6	2	4	5	10	5	10	5	10
Building Relationships - on Campus	1	3	3	3	3	3	3	2	2	4	4	2	2	5	5
Building Relationships - adjoining properties	3	3	9	3	9	3	9	1	3	3	9	2	6	5	15
Traffic Circulation - on Campus	2	2	4	2	4	3	6	2	4	4	8	3	6	5	10
Traffic Circulation - off Campus	2	3	6	3	6	3	6	3	6	3	6	3	6	5	10
Pedestrian Circulation	2	4	8	4	8	4	8	1	2	4	8	3	6	5	10
Environmental Impact	3	5	15	4	12	3	9	2	6	3	9	3	9	5	15
Subtotal Site:			67		72		67		67		90		77		115
Building	Importance Factor	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score
Educational Specification Compliance	4	2	8	3	12	5	20	5	20	5	20	5	20	5	20
Safety	4	2	8	3	12	4	16	5	20	5	20	5	20	5	20
Space Efficiency	3	1	3	3	9	5	15	5	15	5	15	5	15	5	15
Energy Efficiency	3	1	3	3	9	4	12	5	15	4	12	5	15	5	15
Historical Relevance	3	5	15	5	15	3	9	1	3	4	12	1	3	5	15
Daylighting	3	2	6	4	12	4	12	5	15	4	12	4	12	5	15
Building Occupant Circulation	3	1	3	3	9	4	12	4	12	5	15	4	12	5	15
Maintainability	3	1	3	3	9	5	15	5	15	5	15	5	15	5	15
Subtotal Building			49		87		111		115		121		112		130
Project	Importance Factor	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score	Original Score	Weighted Score
Construction Duration	3	1	3	1	3	2	6	4	12	4	12	4	12	5	15
Impact to Students	4	1	4	1	4	1	4	5	20	3	12	4	16	5	20
Phasing	3	1	3	2	6	2	6	5	15	4	12	4	12	5	15
Construction Impact on Community	3	4	12	3	9	3	9	1	3	3	9	2	6	5	15
Optimized Green Compliance	3	2	6	3	9	4	12	4	12	4	12	4	12	5	15
Subtotal Project			28		31		37		62		57		58		80
Project Total			144		190		215		244		268		247		325

Feasibility Phase

■ Educational Specifications



■ Design



■ Design



MULTI-USE SPACES

- COMMONS
- COURTYARD
- GALLERY
- DINING ROOM

EDUCATIONAL SPACES

- ONLINE LEARNING
- VISUAL ARTS

SUPPORT SPACES

- MAIN LOBBY
- ADMINISTRATION
- GUIDANCE
- HEALTH
- SPECIAL EDUCATION
- KITCHEN
- SCHOOL STORE

PERFORMING ARTS

- AUDITORIUM
- DRAMA CLASSROOM
- SCENE SHOP
- TICKET BOOTH
- BAND CLASSROOM
- CHORUS CLASSROOM

TECHNICAL EDUCATION

- CULINARY
- FOUNDATIONS
- WOODWORKING
- COMPUTER SCIENCES
- HORTICULTURE
- FACS

ATHLETICS

- MAIN GYMNASIUM
- AUXILIARY GYMNASIUM
- WRESTLING
- CONDITIONING
- LOCKER ROOMS



MULTI-USE SPACES

- MEDIA CENTER
- HERITAGE ROOM
- THINK - TANK
- 'OO-LABS'
- HOT - SPOTS

EDUCATIONAL SPACES

- GENERAL PURPOSE CLASSROOM
- SPECIAL EDUCATION
- TV STUDIO
- SCIENCE LAB
- RESEARCH LAB
- PUBLICATIONS LAB

SUPPORT SPACES

- TEACHER PLANNING
- STUDENT SUPPORT OFFICE
- STAFF LOUNGE
- IN-SCHOOL SUSPENSION

TECHNICAL EDUCATION

- COMPUTER SCIENCES

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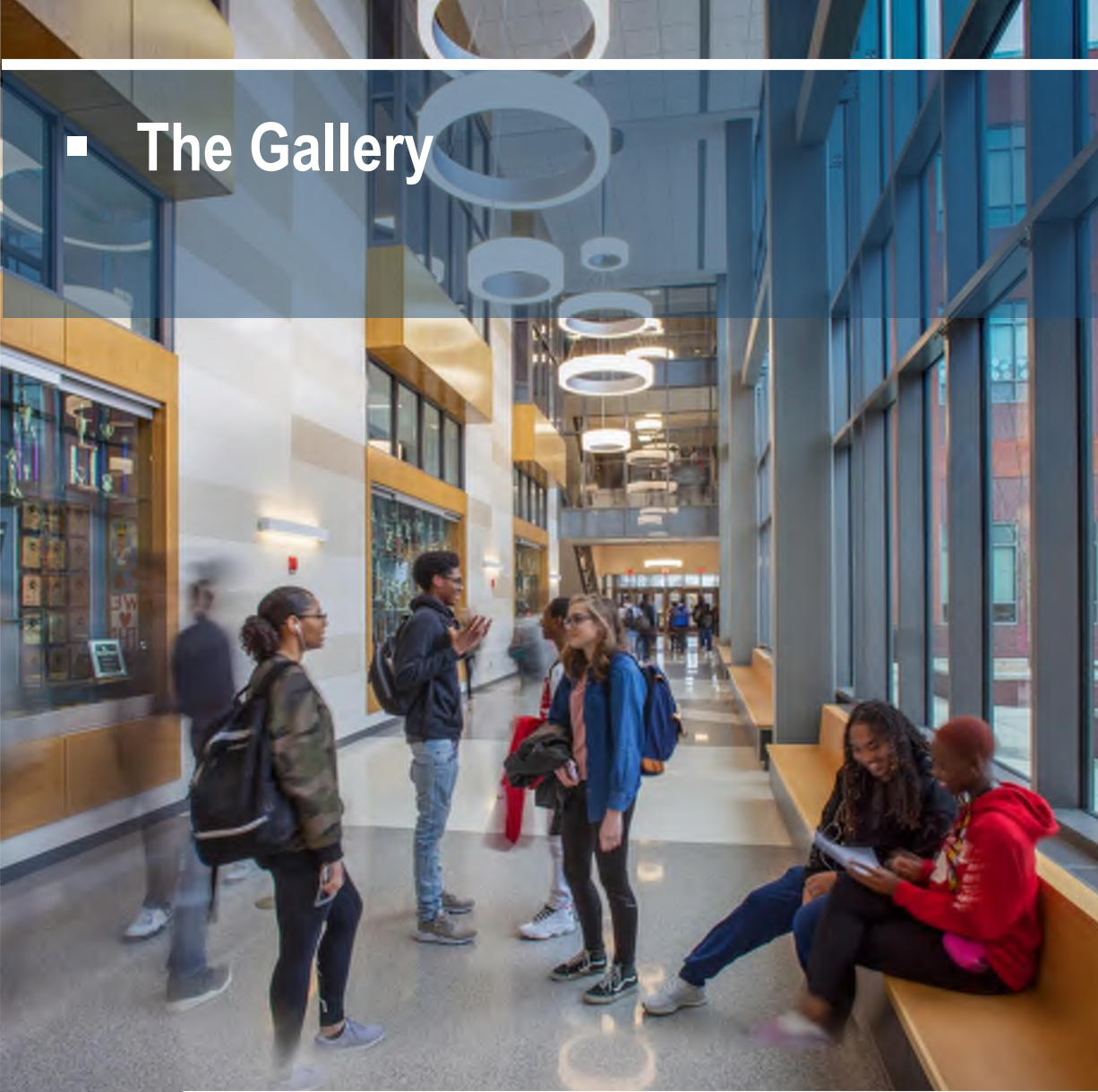
SUPPORT SPACES

- TEACHER PLANNING
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TECHNICAL EDUCATION

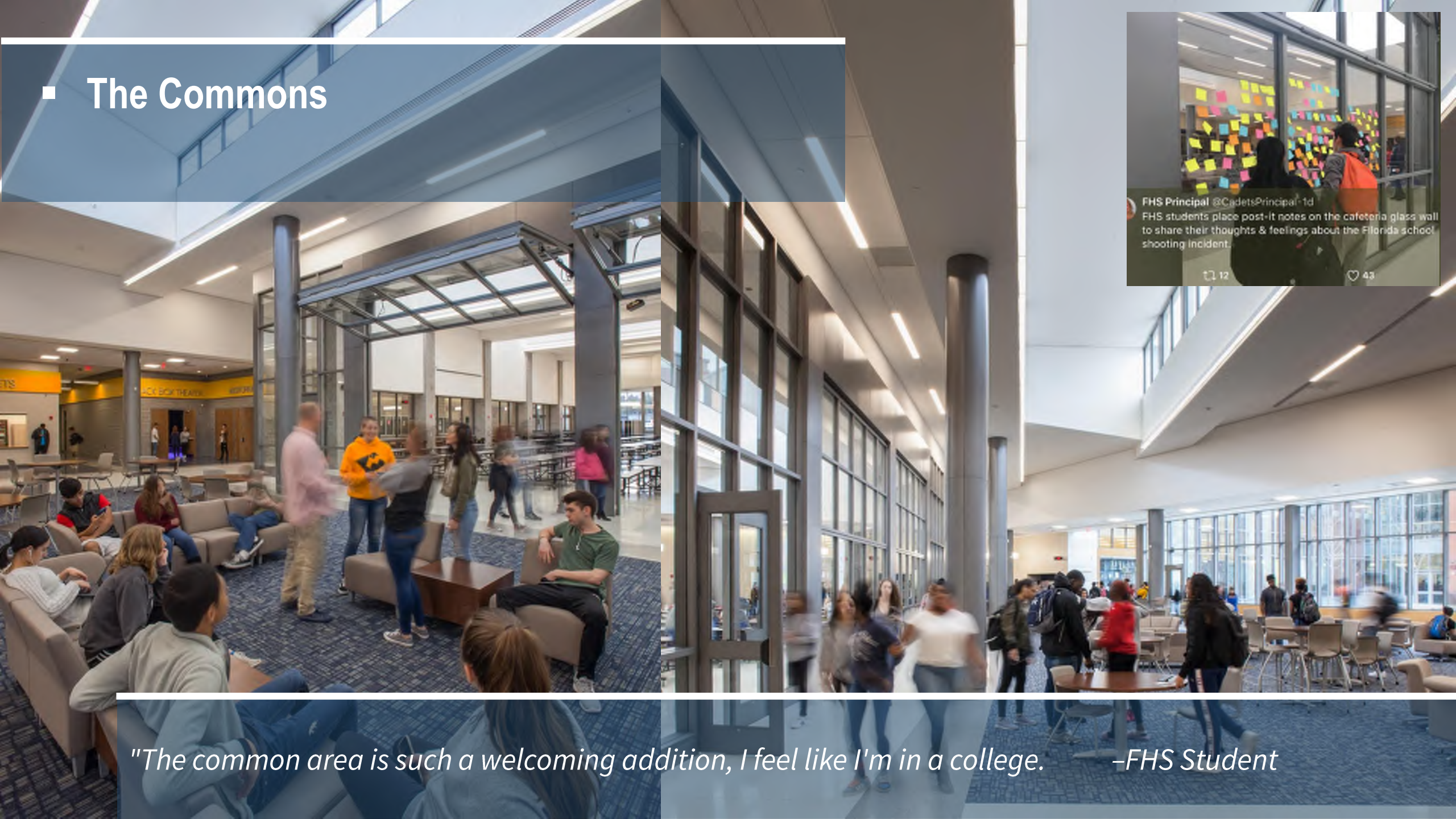
- COMPUTER SCIENCES

■ The Gallery



"Observing the students enter the new building on open house night, I became distinctly aware that this remarkable building would be a start of something new and magical for all students - no matter what their background or lot in life." -Melanie Gettier, PTSA President

■ The Commons



FHS Principal @CadetsPrincipal 1d
FHS students place post-it notes on the cafeteria glass wall to share their thoughts & feelings about the Florida school shooting incident.
12 43

"The common area is such a welcoming addition, I feel like I'm in a college. -FHS Student"

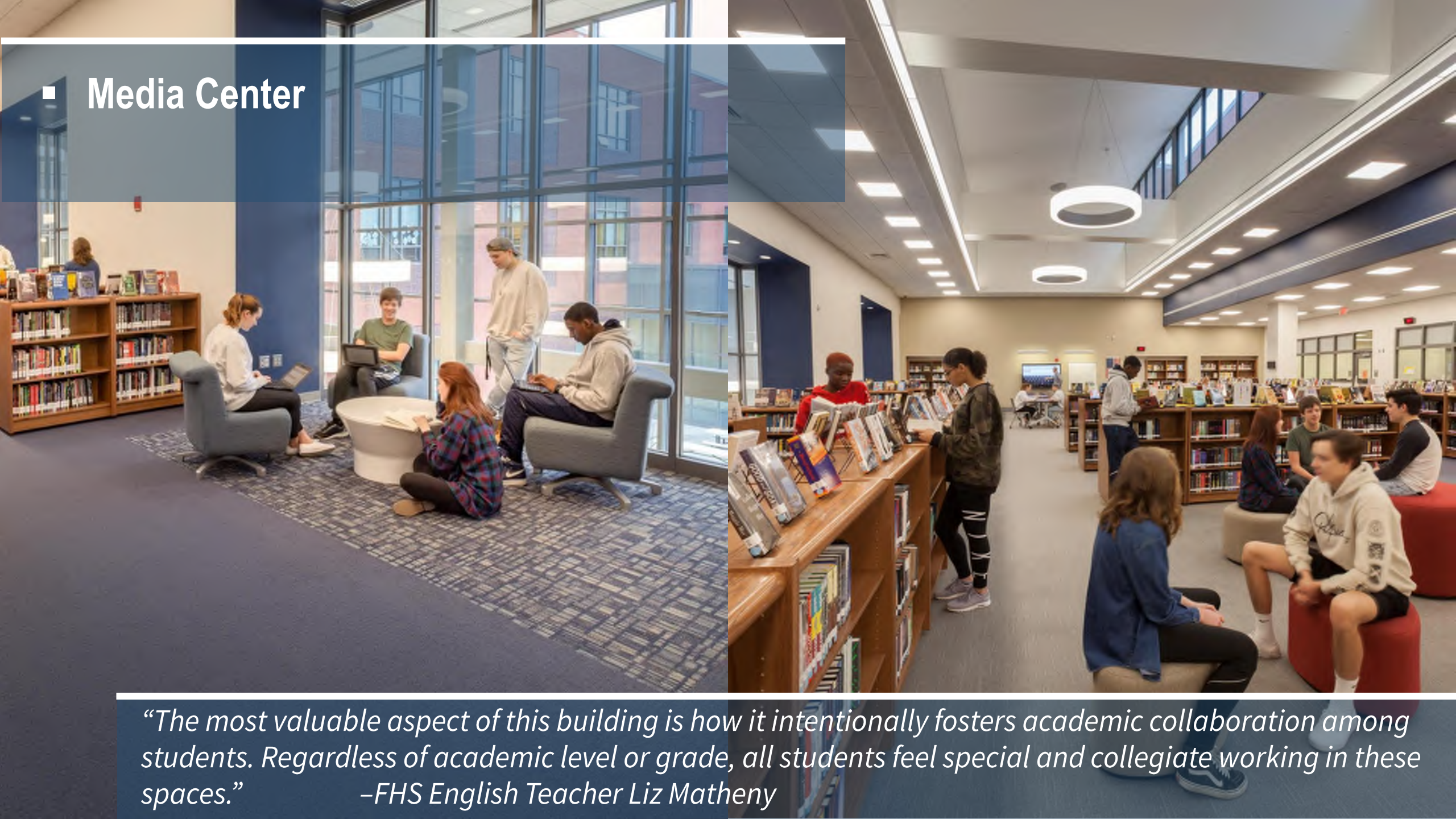
■ Dining



- The Courtyard



■ Media Center



“The most valuable aspect of this building is how it intentionally fosters academic collaboration among students. Regardless of academic level or grade, all students feel special and collegiate working in these spaces.”

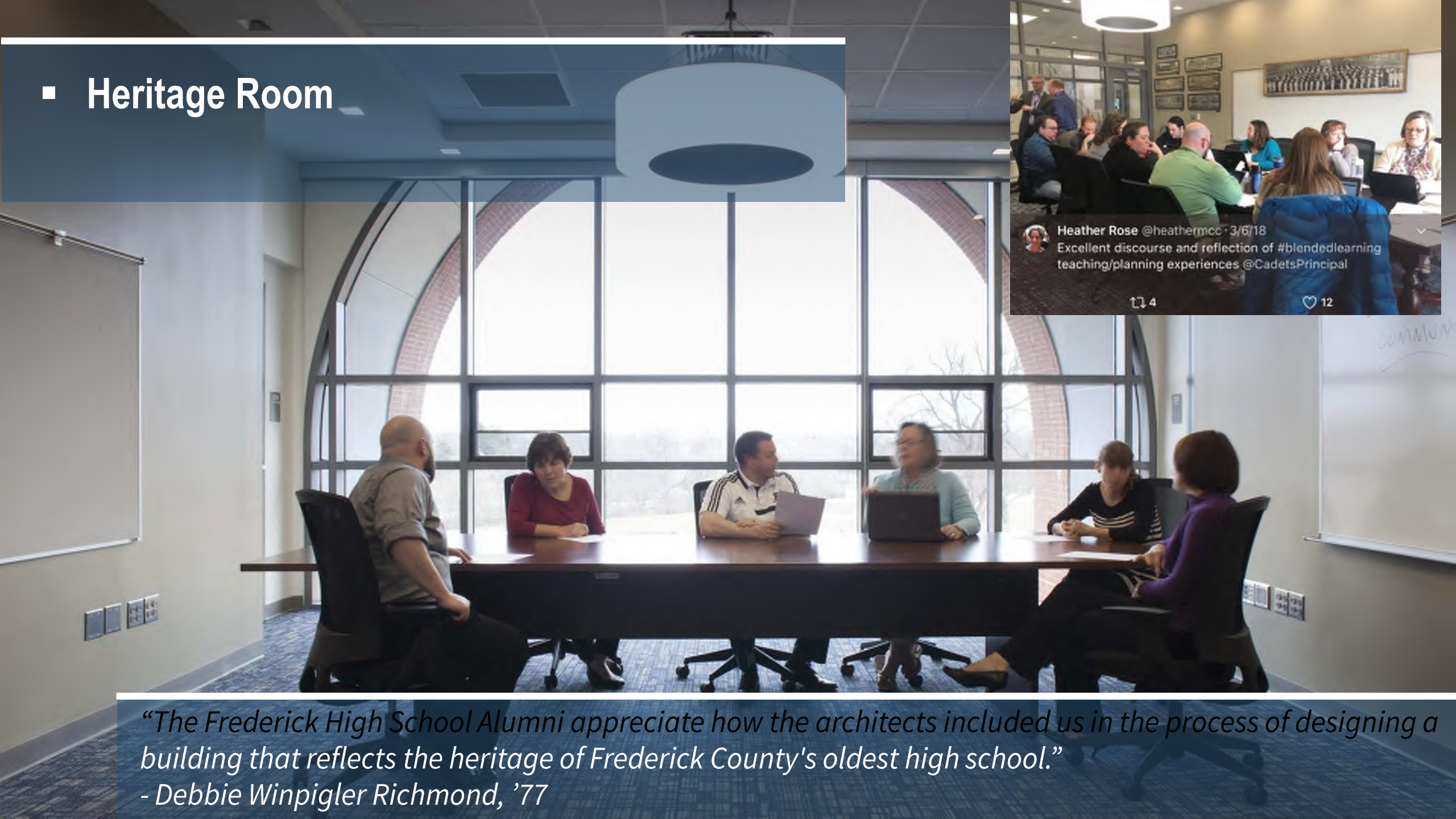
–FHS English Teacher Liz Matheny

- Collaborative Spaces



"The think-tanks and co-labs are such a great idea, I just wish we had them in each classroom so we could use them every day." - FHS Student

■ Heritage Room



Heather Rose @heathermcc · 3/6/18
Excellent discourse and reflection of #blendedlearning
teaching/planning experiences @CadetsPrincipal

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“The Frederick High School Alumni appreciate how the architects included us in the process of designing a building that reflects the heritage of Frederick County's oldest high school.”
- Debbie Winpigler Richmond, '77

- Physical Environment

“I love the lighting/chandeliers, they make me smile every time I see them.”

–FHS Student



■ Physical Environment



■ Unintended Consequences

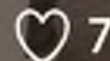
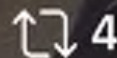
*“The most valuable aspect of this building is how **it intentionally fosters academic collaboration among students**. The use of open-air collaboration spaces and glass-enclosed Think Tanks allows passer-by students to casually observe their peers engaged in their learning and **using the spaces productively**. Regardless of academic level or grade, all students feel special and collegiate working in these spaces.”*

—FHS English Teacher Liz Matheny



LYNX FHS @LYNXFHS · 3/7/18

LYNX Scholars learned to collaborate, communicate, and what employers look for in an applicant from LYNX Partner Lori Rovito Owner/Operator of Rita's of Frederick. Thank you for the great activity and for discussing important life skills...



■ Unintended Consequences

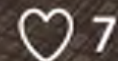
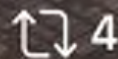
*“After spending my entire tenure in the old FHS building in windowless rooms, **I had planned to retire at the end of this school year. The new FHS building has reinvigorated me,** and I plan to continue teaching for several more years”*

—FHS English Language Learners Teacher Ann DeArmon



LYNX FHS @LYNXFHS · 3/1/18

The FHS Staff works on Habits of Work in today's CBE Collaboration session. @CadetsPrincipal @DrKevinCuppett #CBEHOW #InnovativeLearning #FHSProud



Thank You and Questions

