



GREENON LSD

2.26.18 COMMUNITY FORUM



Presenting Today



Dennis Henry, Greenon BOE President

Brad Silvus, Greenon Superintendent

Charlie Jahnigen, SHP Leading Design

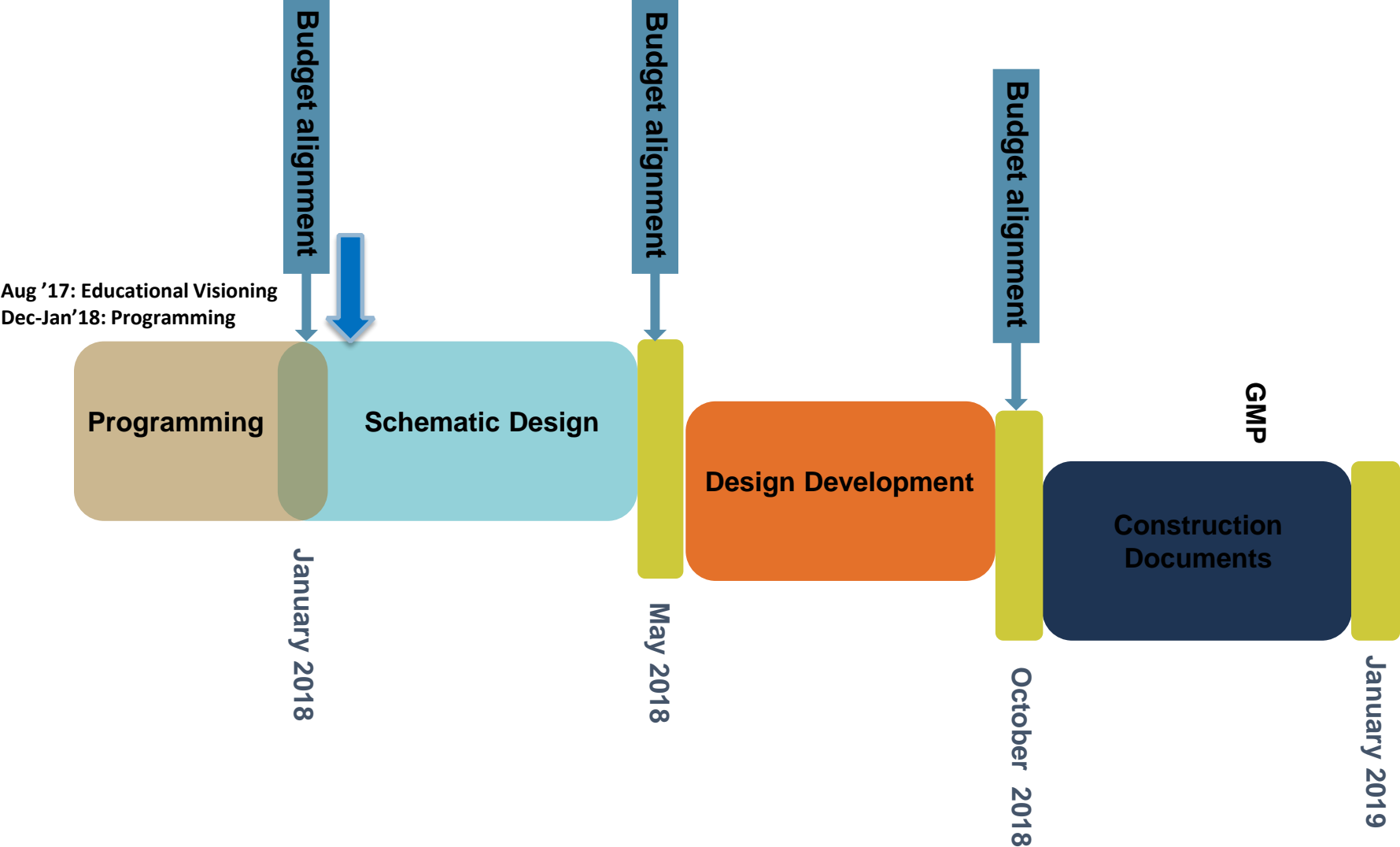


Agenda

- Schedule
- Educational Visioning
- Program
- Design Update
- Questions



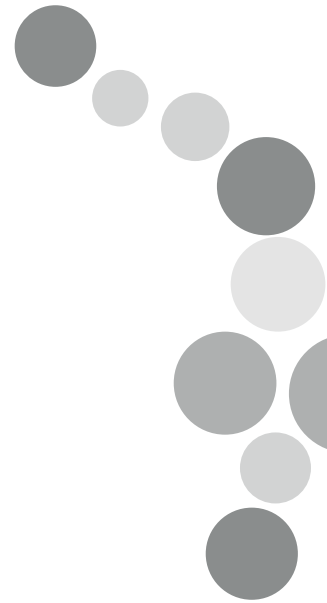
Schedule



Schedule

Schematic Design Phase - Feb 1st - May 2nd

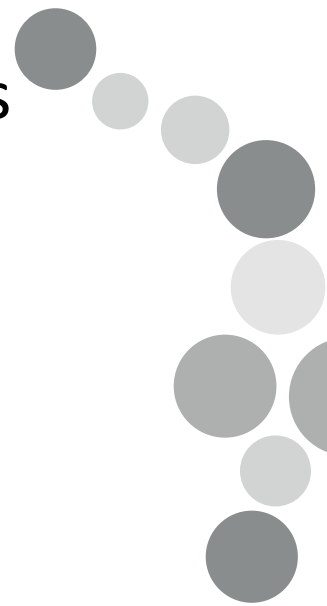
Feb 13:	K-12 Design Team meeting
Feb 14:	GLSD BOE meeting
Feb 20 & 28:	Department meetings
Feb 26:	Community presentation
March 7:	K-12 Design Team meeting
TBD	Department meetings
March 15:	GLSD BOE meeting
April 23:	Community presentation



Educational Visioning: Guiding Values

Our future focused learning environment should:

- Be an efficient use of fiscal and natural resources while anticipating the future.
- Equip our learners to thrive tomorrow by addressing relevant challenges today.
- Reflect real life by enhancing interaction and collaboration between all participants.
- Be a beautiful gathering point for the entire Greenon community.

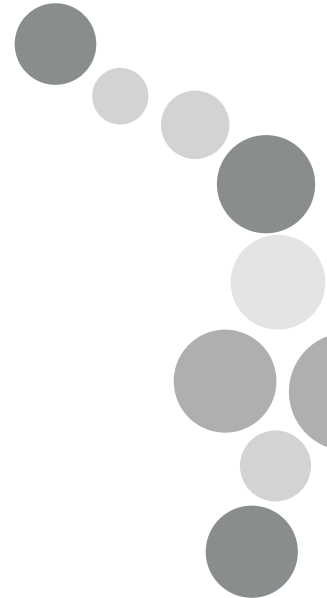


Educational Visioning: Primary **Shifts**

SHIFT #1: Learning tailored to individuals' unique needs and interests.

SHIFT #2: Facilities organized around interdisciplinary groups.

SHIFT #3: Students work in spaces they have some control over.



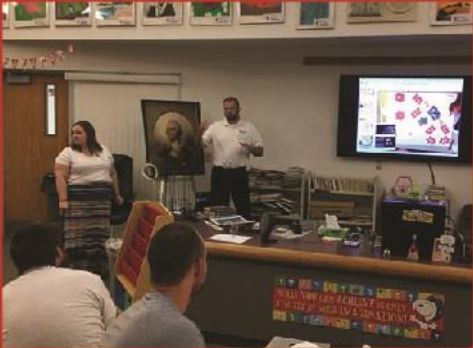
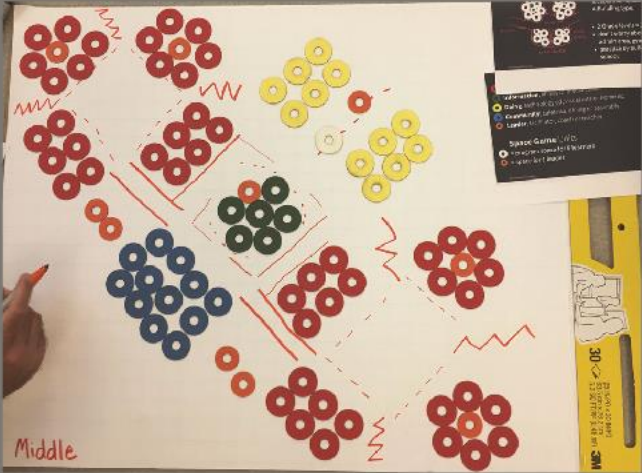
ELEMENTARY DIAGRAM

Each elementary solution featured traditional classroom units clustered around a shared collaborative commons. This commons was composed of media (or library) and hands-on spaces. One team also created a learning community dining area to augment the shared/collaborative spaces. One plan included small group rooms adjacent to the classrooms, appropriate for collaboration or individual instruction.



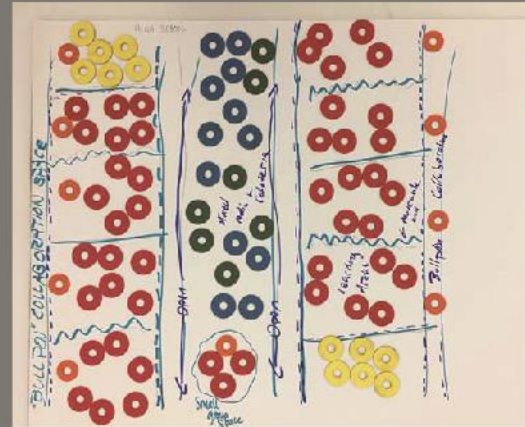
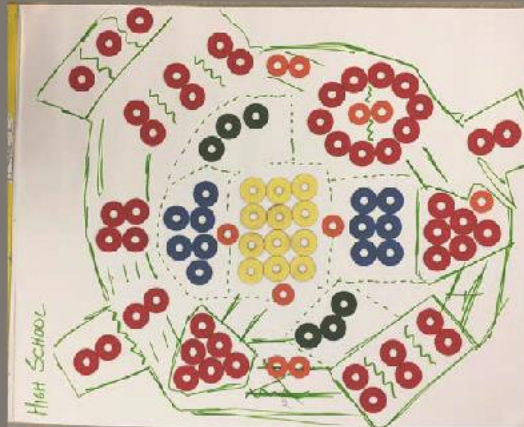
MIDDLE SCHOOL DIAGRAM

Similar to the elementary schemes, the middle school scheme illustrated grade level communities organized around shared media and doing spaces. It included some minor collaborative space for teachers as well as a decentralized dining area to support the small learning community.



HIGH SCHOOL DIAGRAM

Two teams focused on the high school solution. But unlike the elementary groups, these teams took significantly different approaches to developing their plans. While one group based their solution on a standard 25-student classroom unit, the other provided a broad range of spaces to support student groups from five to 50. Both schemes included collaborative space for teachers to work together and learn from each other. And both solutions had been organized around a large collaborative commons composed of dining, media and doing spaces.



Program Of Requirements (POR)

- Enrollment Projections
- OFCC Master Plan
- Programming Exercise

Chillicothe City School District, New PK-2 building
SUMMARY OF SPACES WORKSHEET CHAPTER 2: BRACKETING

Previously, changes or additions made during the annual update of the Design Manual have been **"bolded and italicized"** for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

WORKSHEET			
Grade Configuration:		K-2	Area
Student Enrollment			
Enter number of Elementary School students		677	
Enter number of Middle School students			
Total Student Enrollment		677	
SF per student			
SF per Elementary School student		116	78,403
SF per Middle School student		141	-
Total Gross Square Feet Funded			78,403
SELECT ONE: <input type="radio"/> Single or two Story Building <input type="radio"/> 3 Stories or greater			0
Vert. Cir. Area Allowance (3 Stories or greater)			0
Total Adjusted POR Gross Square Footage			78,403
Program Area		New SF	Existing SF TOTAL SF
C-AC	Academic Core Spaces	29,550	0 29,550
C-SE	Special Education Spaces	2,860	0 2,860
C-AD	Administrative Spaces	2,910	0 2,910
C-MC	Media Center Spaces	2,671	0 2,671
C-VA	Visual Arts Spaces	1,550	0 1,550
C-MU	Music Spaces	1,200	0 1,200
C-PE	Physical Education Spaces	5,100	0 5,100
C-SD	Student Dining Spaces	4,765	0 4,765
C-FCS	Family and Consumer Science Spaces	0	0 0
C-TE	Technology Education Spaces	0	0 0
C-FS	Food Service Spaces	2,585	0 2,585
C-CU	Custodial Spaces	500	0 500
Facility Subtotal:		53,691	0 53,691
C-BS	Building Services	17,494	0 17,494
Facility Total		71,184	0 71,184
Construction Factor (11% multiplied by the facility total)		0.11	na na
Actual Gross Square Feet Developed		79,015	0 79,015
Minus existing co-funded Oversize Area from Master Plan			0
Adjusted Existing Area			0
Total Adjusted Gross Square Footage Developed (without Oversize Area)			79,015
Difference of GSF developed from GSF allowable			-611

See Note 1

See Note 2

See Note 3

Worksheet Summary Notes	
Number	Notes
Special	Individual spaces are taken from the space plates which are located throughout Chapters 4, 5, and 6. Please see these particular chapters for specific requirements for each space.
1	Vertical Circulation (3 Stories or greater) refers only to the following: Stairways/stairtowers, monumental stairs, elevators, and elevator equipment room.
2	Existing Gross Square Feet taken from master facility plan.
3	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

Program of Requirements (POR) Analysis

School District Name, School Building Name
COMPREHENSIVE K-12 SCHOOLS & CAREER TECHNICAL PROGRAMS
SUMMARY WORKSHEET CHAPTER 2: BRACKETING
 Potential changes or additions made during the annual update of the Design Manual have been "bolded and italicized" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

Worksheet	Career Tech Part Time	Academics Part Time	Academics Full Time (Reg. C)	Sr/Students	Area
Student Type A (CT)	0	0	0	0	0
Student Type B (CT)	0	0	0	0	0
Student Type C (CT)	0	0	0	0	0
Student Type E - Elementary Grades PK-5	0	0	793	101	79,530
Student Type E - Middle School Grades 6-8	0	0	363	130	31,824
Student Type E - High School Grades 9-12 (non-CT)	0	0	203	161	53,070
Total Student Enrollment per Student Type	0	0	1,420	161	184,155
Career Technical Core Space	40	101	4,250	0	4,250
Career Technical Program Space	0	0	0	0	0
Total A, B & E Students for Vertical Circulation Calculation	1537	0	19,872	0	19,872
Total Gross Square Footage	0	0	194,827	0	194,827

Core Spaces	Students Type E			Students Type A & B			Combined Total
	NEW	Existing*	TOTAL	NEW	Existing*	TOTAL	
E/M/H/CT-AC Academic Core	64,920	0	64,920	na	na	na	64,920
E/M/H/CT-SE Spec. Ed./Student Svs.	5,350	0	5,350	na	na	na	5,350
E/M/H/CT-MC Media Center	7,057	0	7,057	na	na	na	7,057
E/M/H/CT-AD Administration	6,080	0	6,080	na	na	na	6,080
E/M/H-VA Visual Arts	3,050	0	3,050	na	na	na	3,050
E/M/H-MU Music	4,500	0	4,500	na	na	na	4,500
E/M/H-PE Physical Education	16,820	0	16,820	na	na	na	16,820
E/M/H/CT-SD Student Dining	14,620	0	14,620	na	na	na	14,620
E/M/H/CT-FS Food Service	5,595	0	5,595	na	na	na	5,595
E/M/H/CT-CU Custodial	500	0	500	na	na	na	500
E/M/H-TE Technology Education	0	0	0	na	na	na	0
E/M/H-BE Business Education	1,300	0	1,300	na	na	na	1,300
E/M/H-FCS Family and Consumer Science	0	0	0	na	na	na	0
Net Core Space	128,491	0	128,491	na	na	na	128,491
E/M/H/CT-BS Building Services	40,383	0	40,383	na	na	na	40,383
Total Core Space	168,875	0	168,875	na	na	na	168,875
Construction Factor (11%)	18,576	0	18,576	na	na	na	18,576
Actual Gross Core Space Developed	187,451	0	187,451	na	na	na	187,451
Minus existing co-funded Oversize Area from Master Plan							na
Adjusted Existing Area							0
Total Adjusted Gross Square Footage Developed (without Oversize Area)							187,451
Maximum Gross Core SF Co-Funded				4,250			188,405
Difference				(4,250)			(954)

Career Technical Program Spaces	Students Type A & C			OSR Recommendation
	NEW	Existing*	TOTAL	
CT-P1 Program Type 1	0	0	0	0
CT-P2 Program Type 2	0	0	0	0
CT-P3 Program Type 3	0	0	0	0
CT-P4 Program Type 4	0	0	0	0
CT-P5 Program Type 5	4,862	0	4,862	4,862
CT-P6 Program Type 6	0	0	0	0
CT-P7 Program Type 7	0	0	0	0
Net CT Program Spaces	4,862	0	4,862	
CT Building Services	924	0	924	924
Total CT Program Space	5,786	0	5,786	
CT Construction Factor (11%)	636	0	636	636
Actual Gross CT Program Space Developed	6,422	0	6,422	
Maximum Gross CT Program SF Co-Funded				6,422
Difference				(100)

Worksheet Notes:
 1 Existing Gross Square Feet taken from master facility plan.
 2 Oversize Area taken from master facility plan.
 * Existing SF columns are to be used in projects where there are to be building additions or renovations.

CORE SPACE ONLY									
Core Spaces	Students Type E			Students Type A & B			Combined Total		
	NEW	Existing*	TOTAL	NEW	Existing*	TOTAL			
E/M/H/CT-AC Academic Core	64,920	0	64,920	na	na	na	64,920		
E/M/H/CT-SE Spec. Ed./Student Svs.	5,350	0	5,350	na	na	na	5,350		
E/M/H/CT-MC Media Center	7,057	0	7,057	na	na	na	7,057		
E/M/H/CT-AD Administration	6,080	0	6,080	na	na	na	6,080		
E/M/H-VA Visual Arts	3,050	0	3,050	na	na	na	3,050		
E/M/H-MU Music	4,500	0	4,500	na	na	na	4,500		
E/M/H-PE Physical Education	16,820	0	16,820	na	na	na	16,820		
E/M/H/CT-SD Student Dining	14,620	0	14,620	na	na	na	14,620		
E/M/H/CT-FS Food Service	5,595	0	5,595	na	na	na	5,595		
E/M/H/CT-CU Custodial	500	0	500	na	na	na	500		
E/M/H-TE Technology Education	0	0	0	na	na	na	0		
E/M/H-BE Business Education	1,300	0	1,300	na	na	na	1,300		
E/M/H-FCS Family and Consumer Science	0	0	0	na	na	na	0		
Net Core Space	128,491	0	128,491	na	na	na	128,491		
E/M/H/CT-BS Building Services	40,383	0	40,383	na	na	na	40,383		
Total Core Space	168,875	0	168,875	na	na	na	168,875		
Construction Factor (11%)	18,576	0	18,576	na	na	na	18,576		
Actual Gross Core Space Developed	187,451	0	187,451	na	na	na	187,451		
Minus existing co-funded Oversize Area from Master Plan							na		
Adjusted Existing Area							0		
Total Adjusted Gross Square Footage Developed (without Oversize Area)							187,451		
Maximum Gross Core SF Co-Funded				4,250			188,405		
Difference				(4,250)			(954)		

CAREER TECHNICAL PROGRAM SPACE ONLY									
Career Technical Program Spaces	Total Lab Spaces Developed			Students Type A & C			OSR Recommendation		
	NEW	Existing*	TOTAL	NEW	Existing*	TOTAL			
CT-P1 Program Type 1	0	0	0	0	0	0	0		
CT-P2 Program Type 2	0	0	0	0	0	0	0		
CT-P3 Program Type 3	0	0	0	0	0	0	0		
CT-P4 Program Type 4	0	0	0	0	0	0	0		
CT-P5 Program Type 5	4,862	0	4,862	4,862	0	4,862	4,862		
CT-P6 Program Type 6	0	0	0	0	0	0	0		
CT-P7 Program Type 7	0	0	0	0	0	0	0		
Net CT Program Spaces	4,862	0	4,862	4,862	0	4,862			
CT Building Services	924	0	924	924	0	924	924		
Total CT Program Space	5,786	0	5,786	5,786	0	5,786			
CT Construction Factor (11%)	636	0	636	636	0	636	636		
Actual Gross CT Program Space Developed	6,422	0	6,422	6,422	0	6,422			
Maximum Gross CT Program SF Co-Funded				6,422		6,422	6,422		
Difference				(100)		(100)			

Total Gross Square Feet Co-Funded 194,827
Total Gross Square Feet Developed-Core & CT Program 193,873
Difference / Locally Funded Initiative (954)

Worksheet Notes
 1: Existing Gross Square Feet taken from master facility plan.
 2: Oversize Area taken from master facility plan.
 * Existing SF columns are to be used in projects where there are to be building additions or renovations.



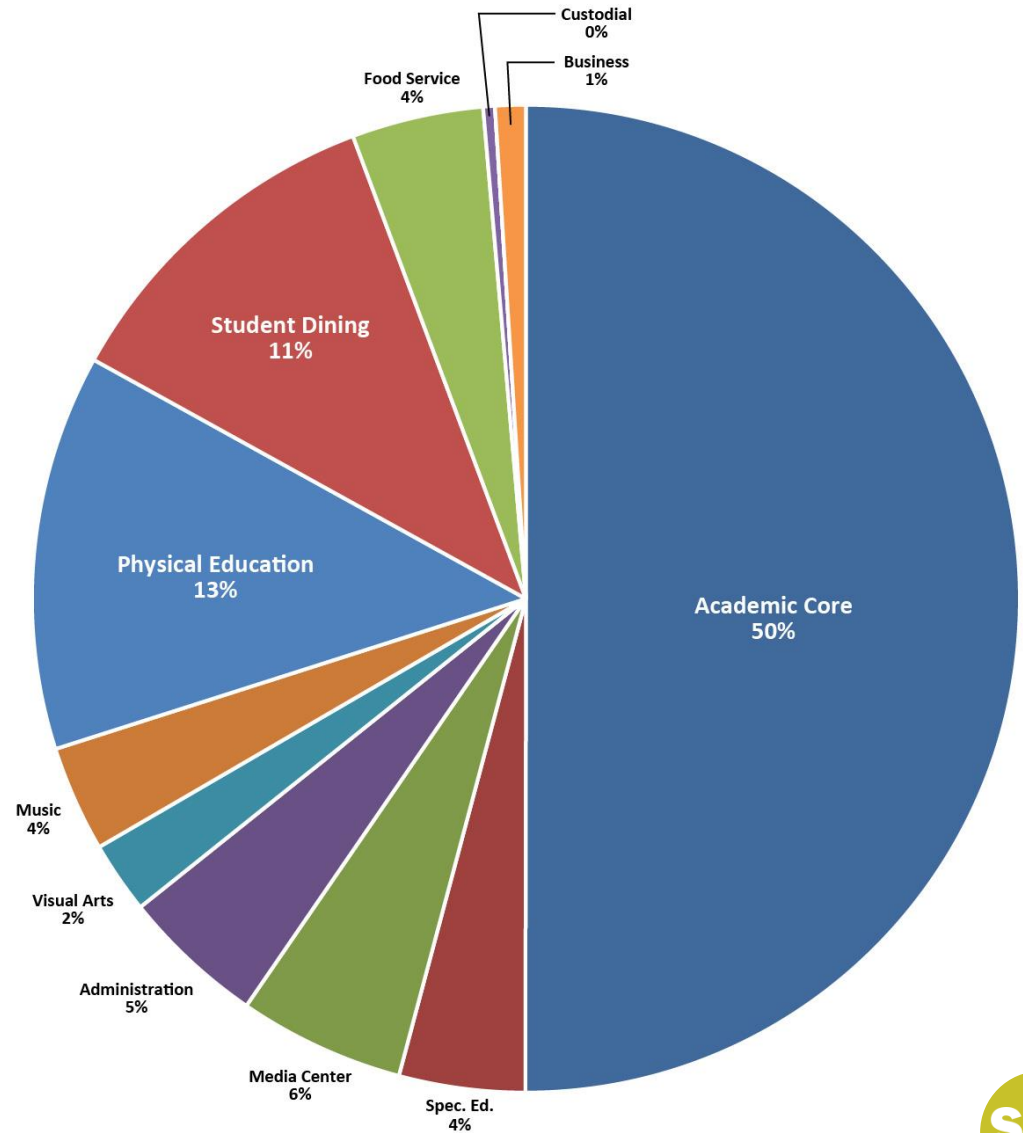
POR Analysis



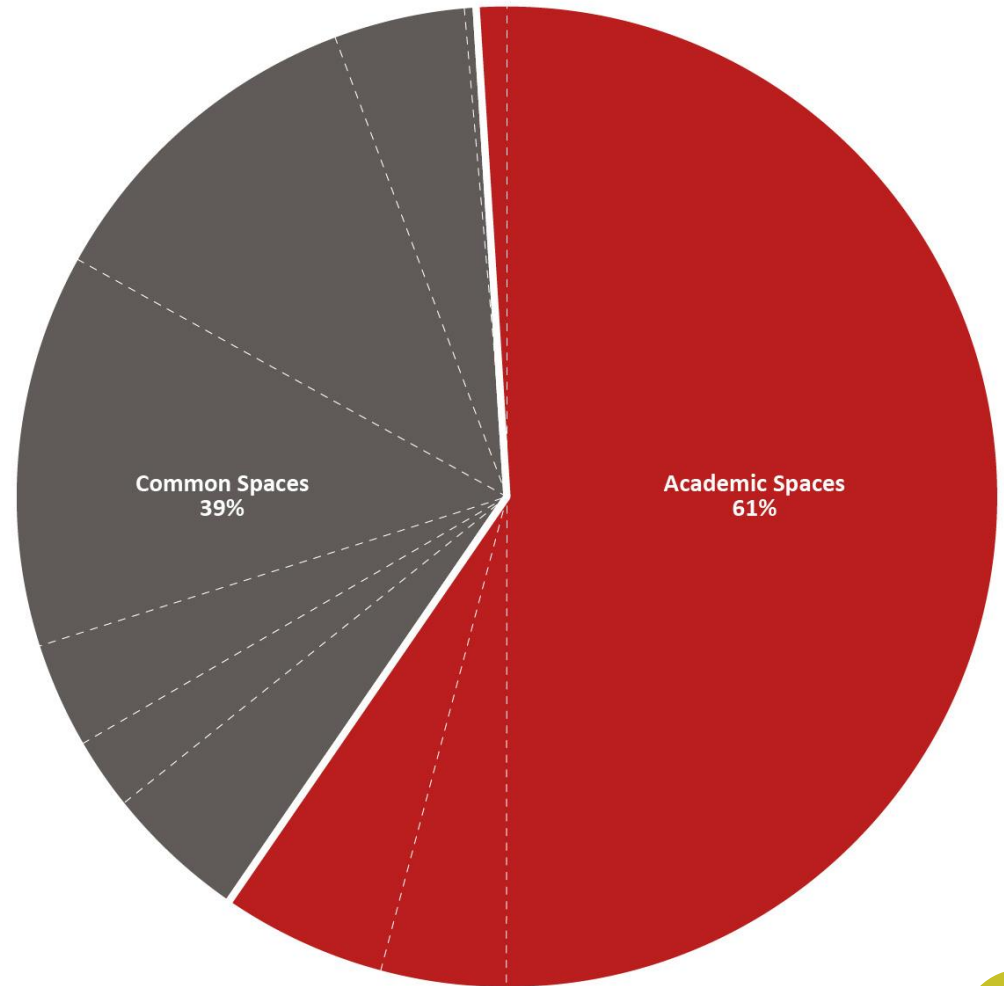
CORE SPACES							
Core Spaces	Students Type E			Students Type A & B			Combined Total
	NEW	Existing	TOTAL	NEW	Existing	TOTAL	
EMHCT-AC Academic Core	64,000	0	64,000	0	0	64,000	
EMHCT-BE Spec. Ed Student Svcs.	5,300	0	5,300	0	0	5,300	
EMHCT-AC Media Center	7,000	0	7,000	na	na	7,000	
EMHCT-AD Administration	6,000	0	6,000	na	na	6,000	
EMH-VA Visual Arts	3,000	0	3,000	na	na	3,000	
EMH-MU Music	4,500	0	4,500	na	na	4,500	
EMH-PE Physical Education	16,000	0	16,000	na	na	16,000	
EMHCT-SD Student Dining	14,000	0	14,000	na	na	14,000	
EMHCT-FS Food Service	5,500	0	5,500	na	na	5,500	
EMHCT-CU Custodial	500	0	500	na	na	500	
EMH-TE Technology Education	0	0	0	na	na	0	
EMH-BE Business Education	1,300	0	1,300	na	na	1,300	
EMH-FCS Family and Consumer Sciences	0	0	0	na	na	0	
Net Core Space	128,401	0	128,401	0	0	128,401	
EMHCT-BS Building Services	-40,301	0	-40,301	na	na	-40,301	
Total Core Space	168,876	0	168,876	0	0	168,876	
Construction Factor (11%)	18,576	0	18,576	0	0	18,576	
Actual Gross Core Space Developed	187,451	0	187,451	0	0	187,451	
Minus existing co-funded Oversee Area from Master Plan	-18,576	0	-18,576	0	0	-18,576	
Adjusted Existing Area	0	0	0	0	0	0	
Total Adjusted Gross Space Footage Developed (without Oversee Area)	187,451	0	187,451	0	0	187,451	
Maximum Gross Core SF Co-Funded			184,105			4,250	
Difference			3,296			18,000	

CAREER TECHNICAL PROGRAM SPACE						
Career Technical Program Spaces	Students Type A & C			TOTAL	NEW	Existing
	NEW	Existing	TOTAL			
Total Lab Spaces Developed	0	0	0	0	0	0
CT-P1 Program Type 1	0	0	0	0	0	0
CT-P2 Program Type 2	0	0	0	0	0	0
CT-P3 Program Type 3	0	0	0	0	0	0
CT-P4 Program Type 4	0	0	0	0	0	0
CT-P5 Program Type 5	1	4,862	4,863	4,863	0	4,863
CT-P6 Program Type 6	0	0	0	0	0	0
CT-P7 Program Type 7	0	0	0	0	0	0
Net CT Program Spaces	1	4,862	4,863	4,863	0	4,863
Total CT Building Services	0	5,789	5,789	5,789	0	5,789
Total CT Program Space	0	6,250	6,250	6,250	0	6,250
CT Construction Factor (11%)	0	6,938	6,938	6,938	0	6,938
Actual Gross CT Program Space Developed	0	13,188	13,188	13,188	0	13,188
Maximum Gross CT Program SF Co-Funded			6,422			6,422
Difference			6,766			6,766

Non-Funded Spaces	
Total Gross Square Feet Co-Funded	194,827
Total Gross Square Feet Developed Core & CT Program	193,873
Difference / Locally Funded Initiative	(954)



POR Analysis



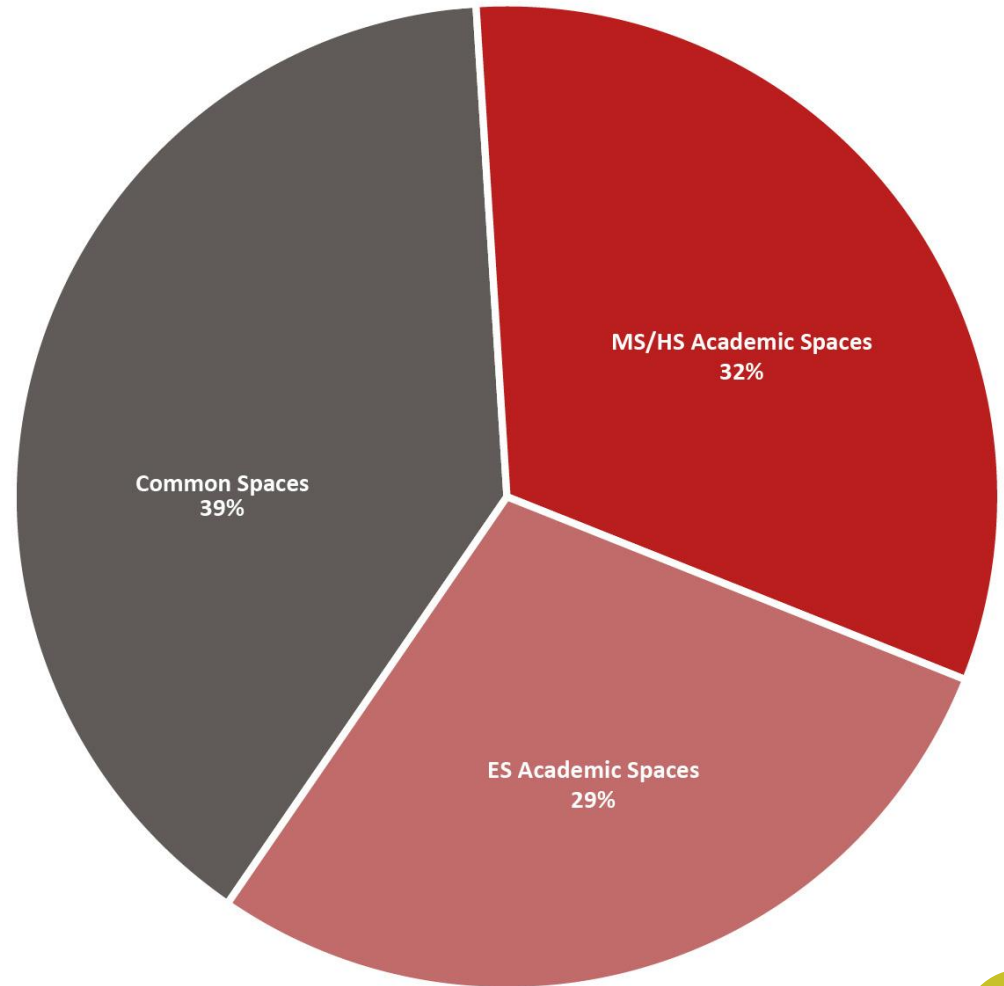
Square Footage Breakdown:

Total POR Gross SF: 194,636 sf

Common Spaces: 75,792 sf

Academic Spaces: 118,844 sf

POR Analysis



Square Footage Breakdown:

Total POR Gross SF: 194,636 sf

Common Spaces: 75,792 sf

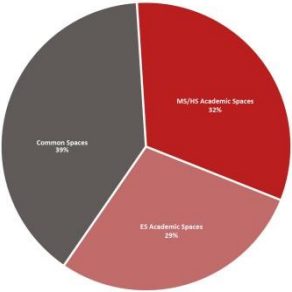
Academic Spaces:

ES: 56,500 sf

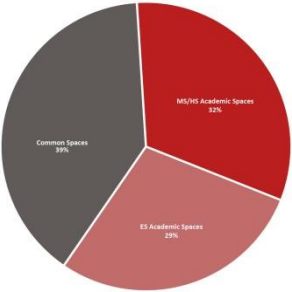
MS/HS: 62,344 sf



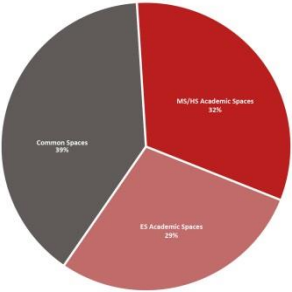
Site Analysis



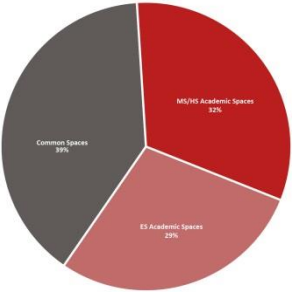
Site Analysis



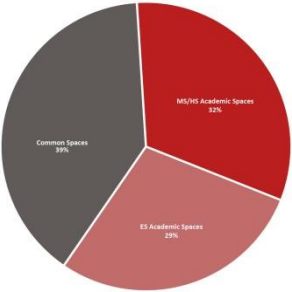
Site Option 1



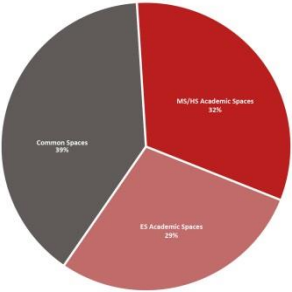
Site Option 1



Site Option 2



Site Option 2



Site Options



Questions?
Thanks for your time!

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SHP
LEADING DESIGN