



Bernheim Middle School

Design Coordination





SPACE PLANNER INVENTORY- EXISTING

Count	Name	Area
1	Administrative Area	3296 SF
1	Art Classroom	1324 SF
1	Band/Vocal Classroom	2831 SF
1	Cafeteria	2656 SF
16	Classroom	10695 SF
1	Computer Classroom	1014 SF
2	Custodial	469 SF
1	Family Resource	180 SF
1	Kitchen	2303 SF
1	Library	3261 SF
3	Locally Identified Program	5245 SF
1	Physical Education	12130 SF
1	Resource Room	683 SF
3	Science Classroom	3079 SF
1	Special Education	876 SF

Space Planning

- Administrative Area
- Art Classroom
- Band/Vocal Classroom
- Cafeteria
- Classroom
- Computer Classroom
- Custodial
- Family Resource
- Kitchen
- Library
- Locally Identified Program
- Physical Education
- Resource Room
- Science Classroom
- Special Education

Existing School Plan



SPACE PLANNER INVENTORY- NEW

Count	Name
1	Administrative Area
1	Art Classroom
3	Band/Vocal Classroom
1	Cafeteria
16	Classroom
2	Custodial
2	Family Resource
1	Kitchen
1	Library
7	Locally Identified Program
1	Physical Education
6	Resource Room
3	Science Classroom
1	Special Education
1	Storage

Space Planning

- Administrative Area
- Art Classroom
- Band/Vocal Classroom
- Cafeteria
- Classroom
- Computer Classroom
- Custodial
- Family Resource
- Kitchen
- Library
- Locally Identified Program
- Physical Education
- Resource Room
- Science Classroom
- Special Education

Proposed School Plan



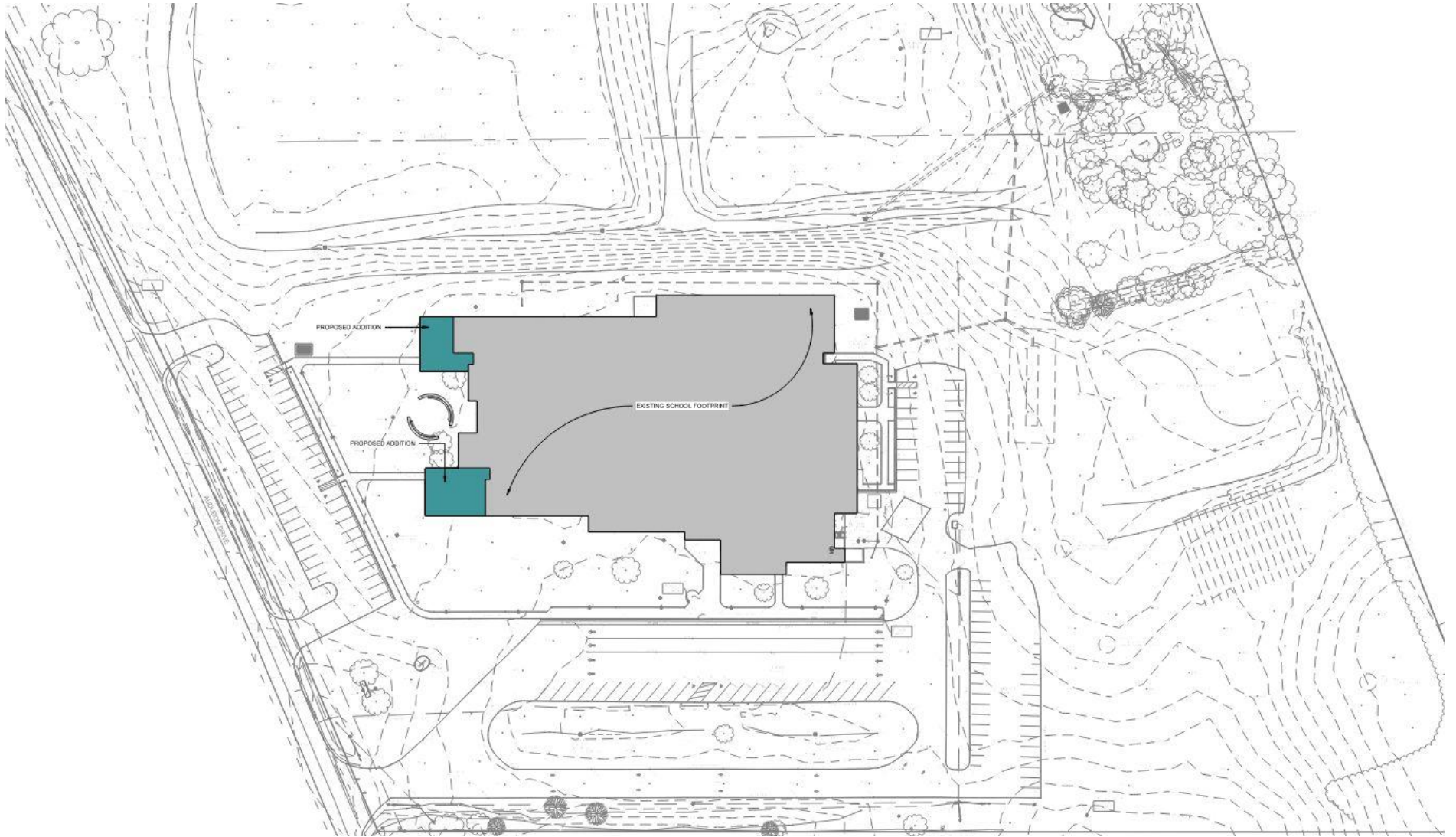
Model Program Comparison

KDE STATE STANDARDS (500 Students)				Proposed Plan				
PROGRAM SPACE	no. of Rooms	SF area (for each)	TOTAL SF area	PROGRAM SPACE	no. of Rooms	Versus Model Program	TOTAL SF area	
Standard Classroom	15	750	11,250	Standard Classroom	16	1,801	13,051	
Special Education (self-contained)	1	825	825	Special Education (self-contained)	1	15	840	
Resource Room	6	375	2,250	Resource Room	4	(153)	2,097	
Science Classrooms	3	1,000	3,000	Science Classrooms	3	90	3,090	
Art Classroom	1	1,200	1,200	Art Classroom	1	133	1,333	
Band /Vocal Classroom	1	2,500	2,500	Band Classroom	1	343	2,843	
Vocal Music Classroom	1	900	900	Vocal Music	0	(900)		
Computer Classroom	1	900	900	Computer Classroom	0	(900)		
Locally Identified Career Tech	1	3,650	3,650	Locally Identified Career Tech	0	(3,650)		
Locally Identified Program Space	1	3,750	3,750	Locally Identified Program Space	7	612	4,362	
		Total:	30,225			(2,609)	Total: 27,616	
Library Media Center			3,125	Library Media Center		587	3,712	
Kitchen			2,200	Kitchen		123	2,323	
Cafeteria			3,000	Cafeteria		(340)	2,660	
Physical Education			10,375	Physical Education		1,984	12,359	
Administrative Area			1,720	Administrative Area		1,266	2,986	
Family Resource Area (FRYSC)			300	Family Resource Area (FRYSC)	2	132	432	
Custodial Receiving			250	Custodial Receiving	2	233	483	
		Total:	20,970			3,985	Total: 24,955	
		Total Net Area:	51,195			1,376	Total Net Area: 52,571	
Middle School assignable space (TARGET 71%)								
Total Gross Area (SFA):			72,106	Efficiency			75.63%	69,514
Area (square feet) per pupil			144	Area (square feet) per pupil (2027 students):			34.29	
				Existing Bullitt East High School SF:				162,030
				Existing Old Mill Elementary SF:				57,896
				Total Size of Combined Facilities (No Additions) (SF):				65,611
				Assumed Addition (SF):				3,903
				Total Size of Facility w. Addition (SF):				69,514
				Percentage over Model Program (%):				-4%

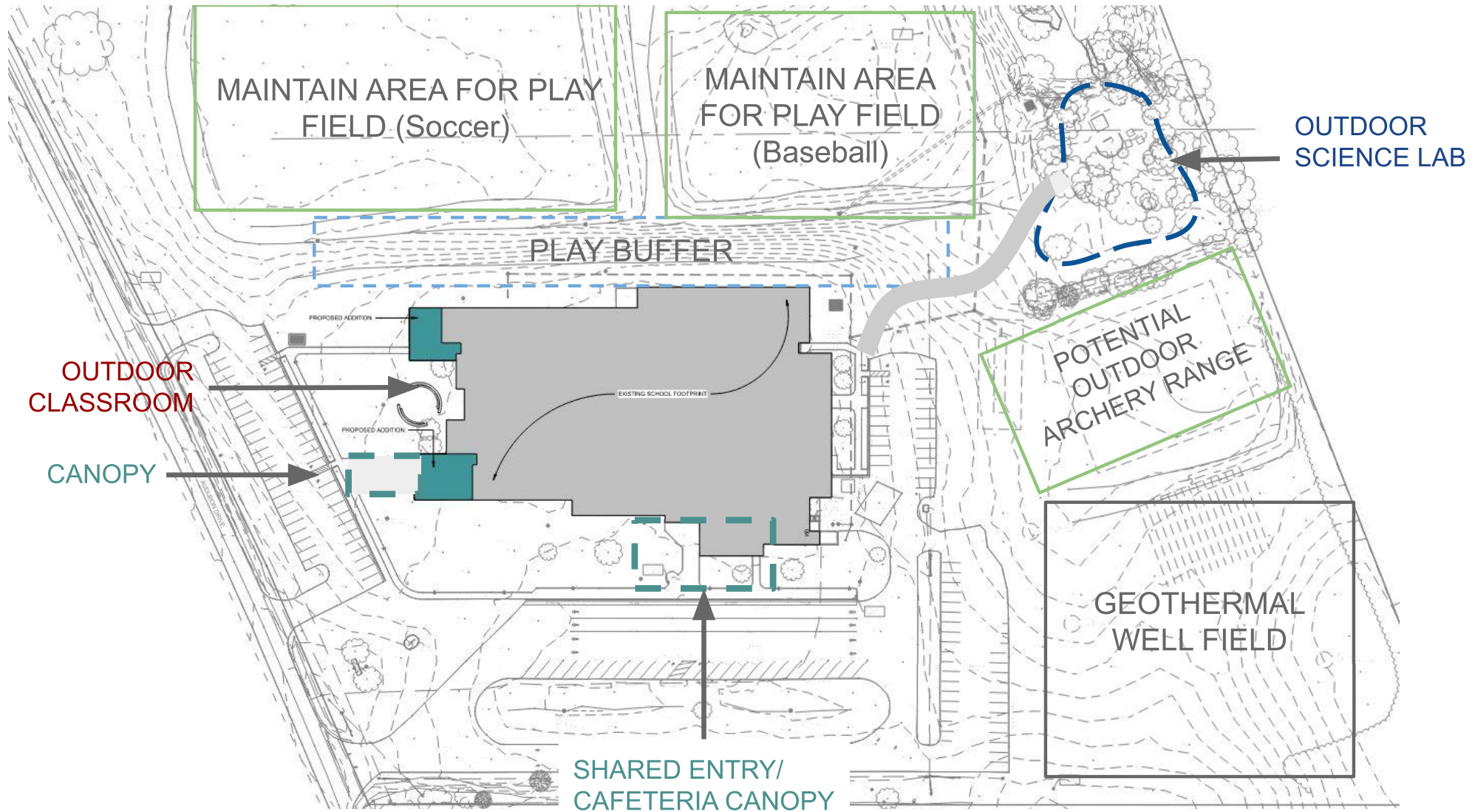
SPACE PLANNER INVENTORY- NEW

Count	Name	Area
1	Administrative Area	2986 SF
1	Art Classroom	1333 SF
3	Band/Vocal Classroom	2843 SF
1	Cafeteria	2660 SF
16	Classroom	13051 SF
2	Custodial	483 SF
2	Family Resource	432 SF
1	Kitchen	2323 SF
1	Library	3712 SF
7	Locally Identified Program	4362 SF
1	Physical Education	12359 SF
6	Resource Room	2097 SF
3	Science Classroom	3090 SF
1	Special Education	840 SF
1	Storage	0 SF

KDE Model Program - Proposed Plan



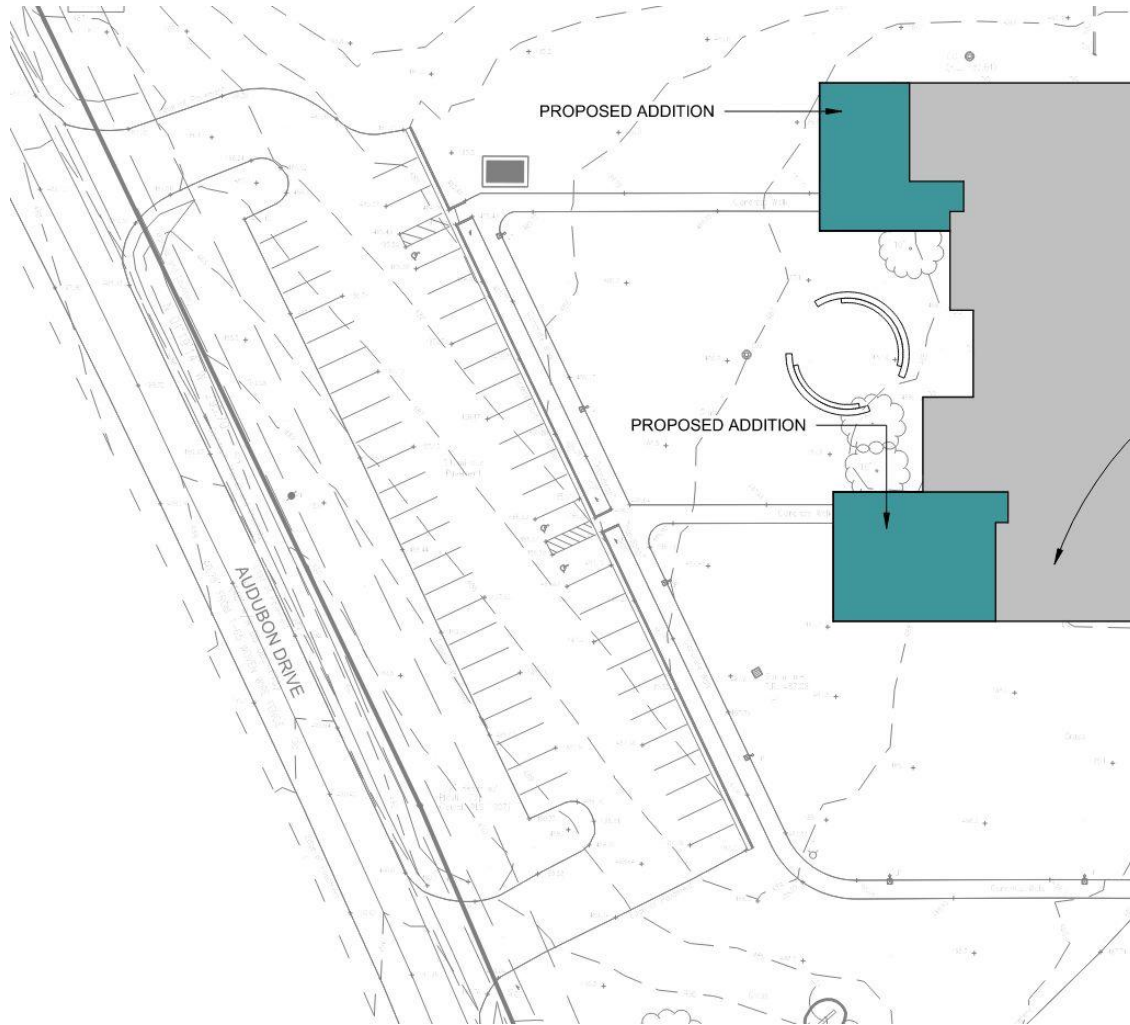
Site Plan



Site Plan - Design



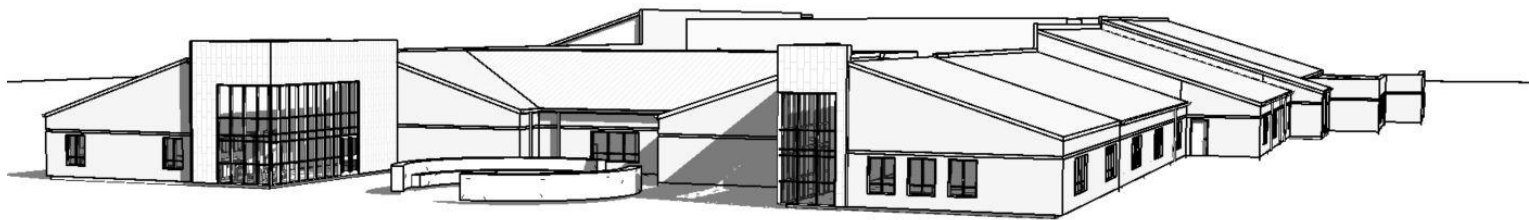
School Addition Images



Design Questions

- How would an outdoor classroom be used?
- What features need to be used?
- How is bus traffic working now at the new bus lot?

Site Plan - Outdoor Classroom



Exterior Ideas



Exterior Ideas



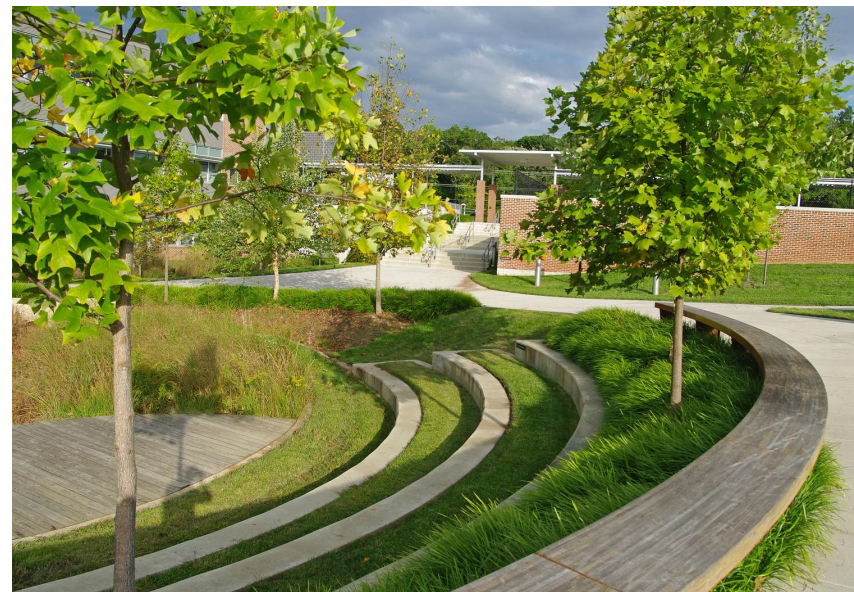
Site Plan - Outdoor Classroom - Precedent Images



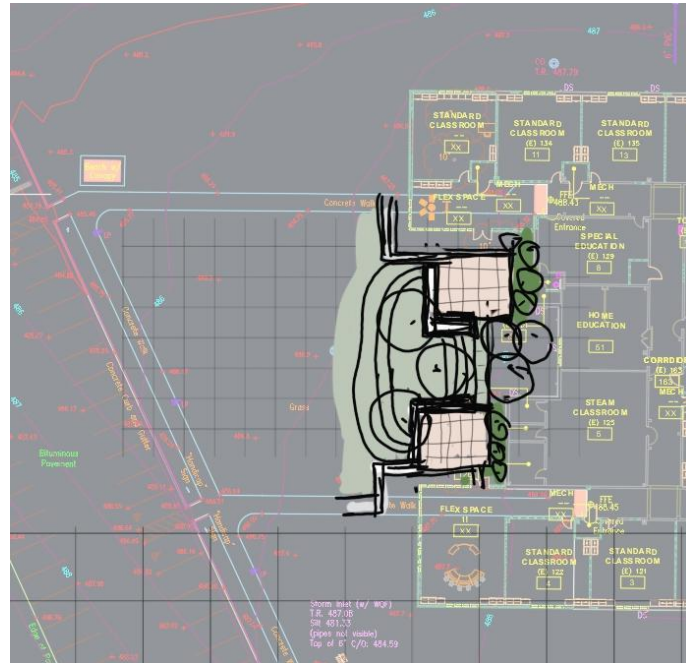
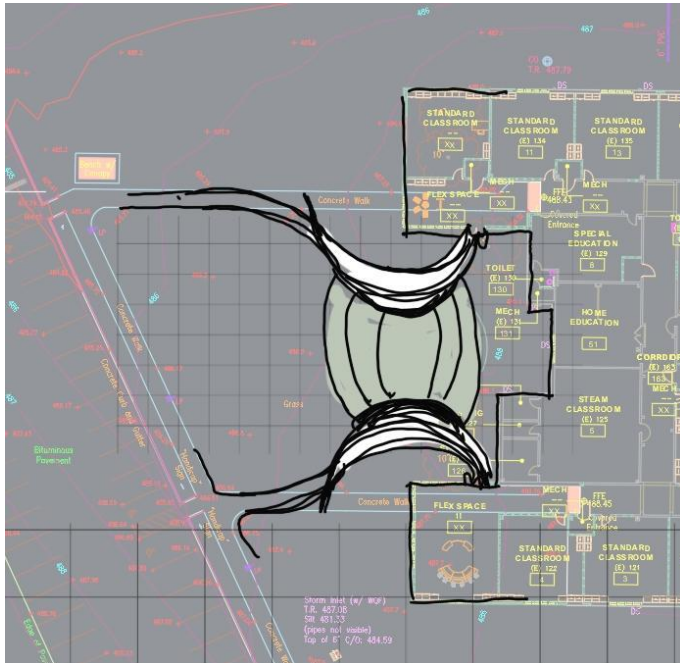
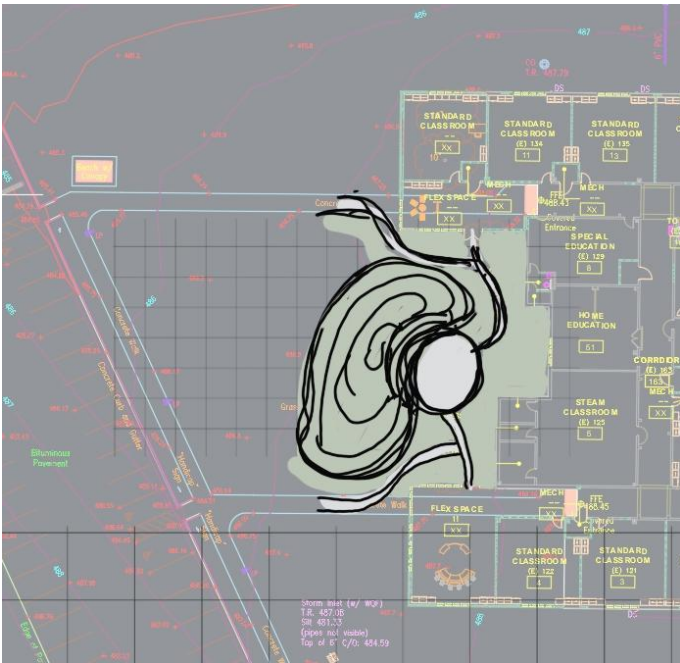
Site Plan - Outdoor Classroom - Precedent Images



Site Plan - Outdoor Classroom - Precedent Images



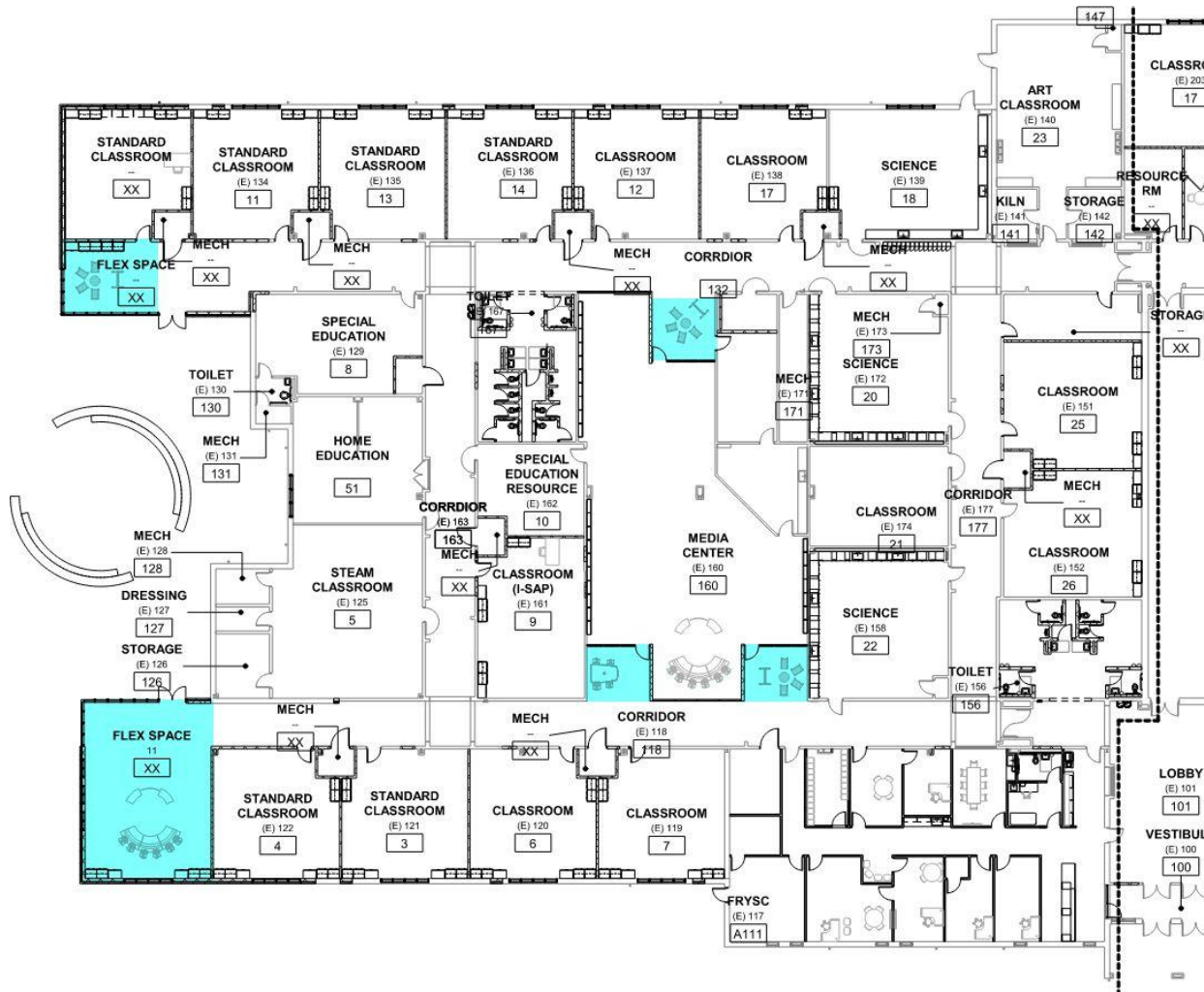
Site Plan - Outdoor Classroom - Precedent Images



Site Plan - Outdoor Classroom - Sketches



Site Plan - Nature Play - Precedent Images



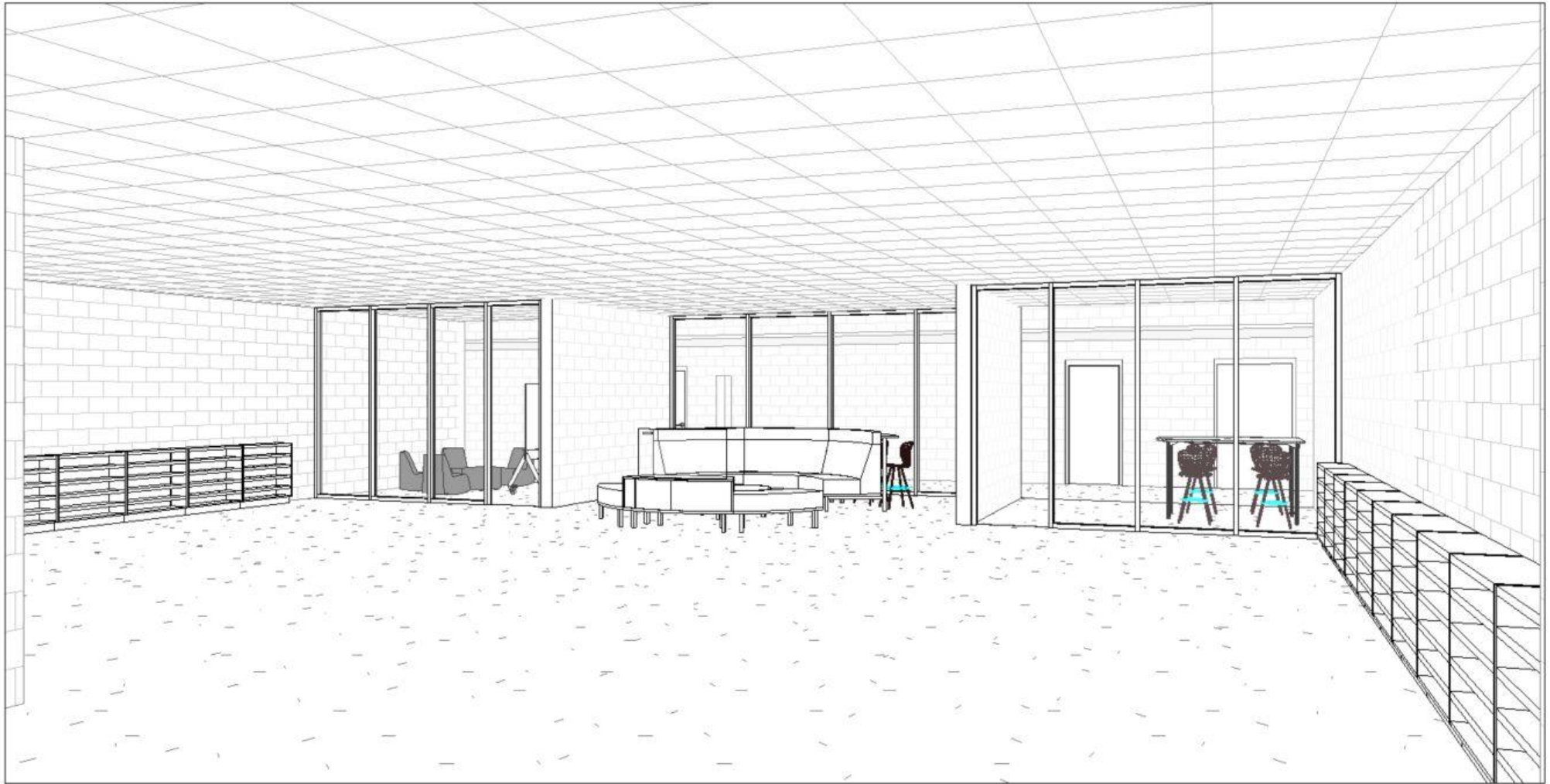
Design Questions

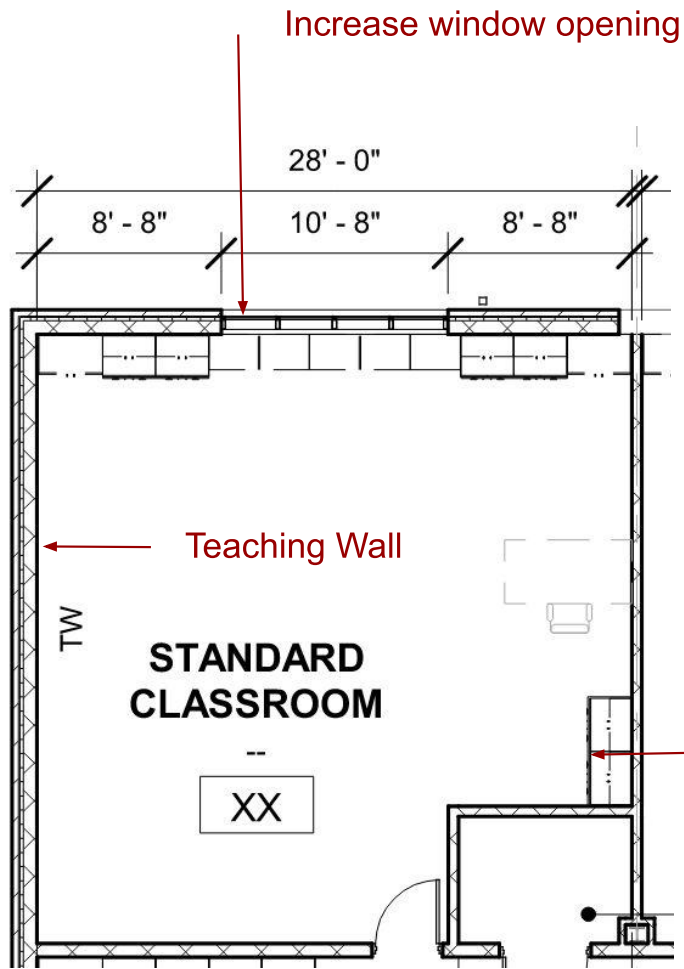
- Are we showing appropriate flexible learning spaces?
- How do teachers use break-out or flexible spaces now?
- Is there a classroom function we need to accommodate?
- Does Science Rooms need a closet for storage?
- How does the Steam classroom function?
- Can we assume the “Home Education” room is a standard classroom?

Proposed School Plan - Flex Spaces & Classroom Curriculum

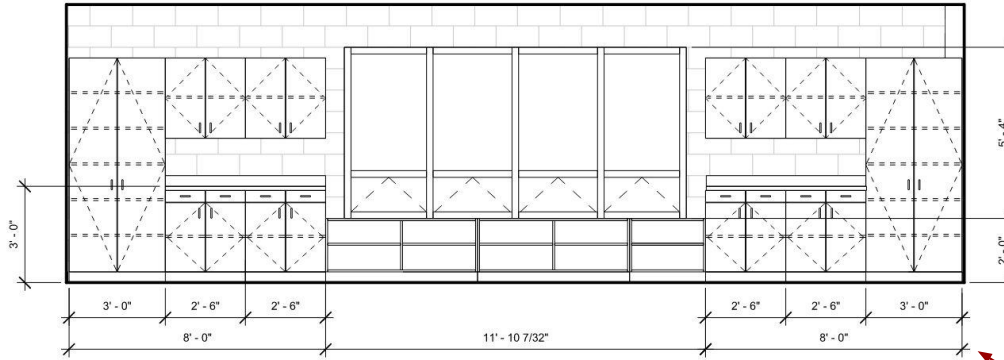


Proposed School Plan - Flex Spaces - Precedent Images

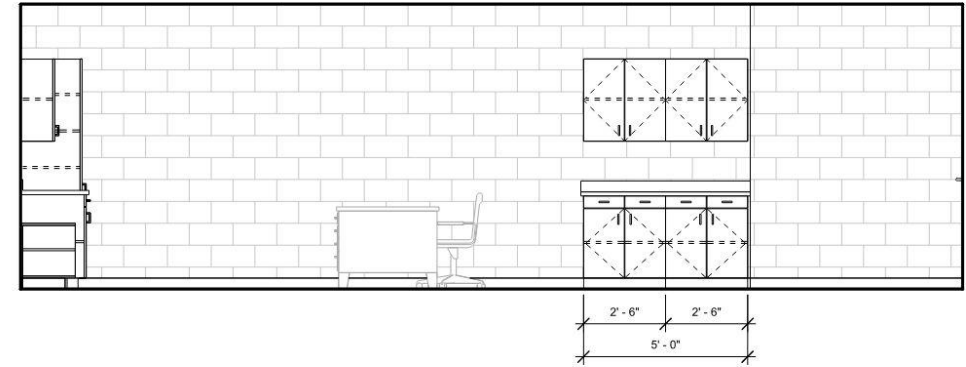




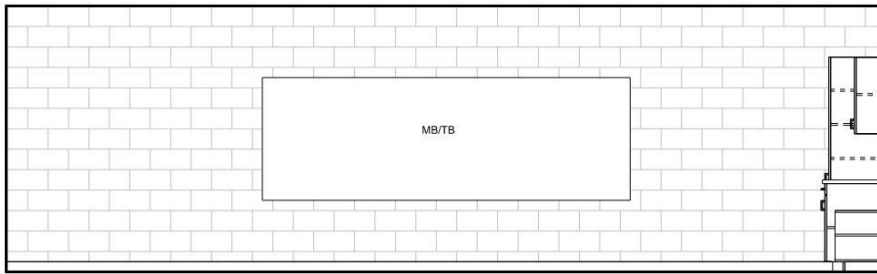
Standard Classroom Layout



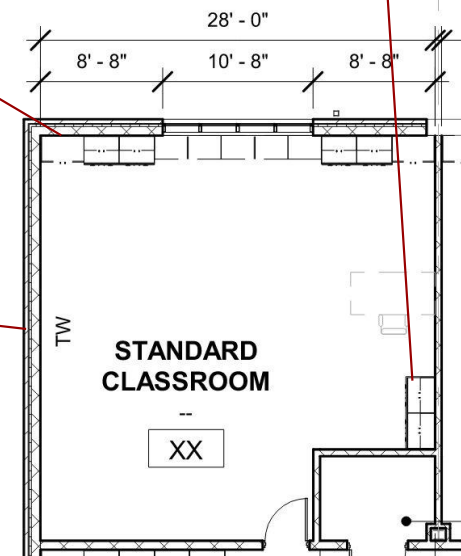
① CLSRM STORAGE ELEVATION- TYP.
3/8" = 1'-0"



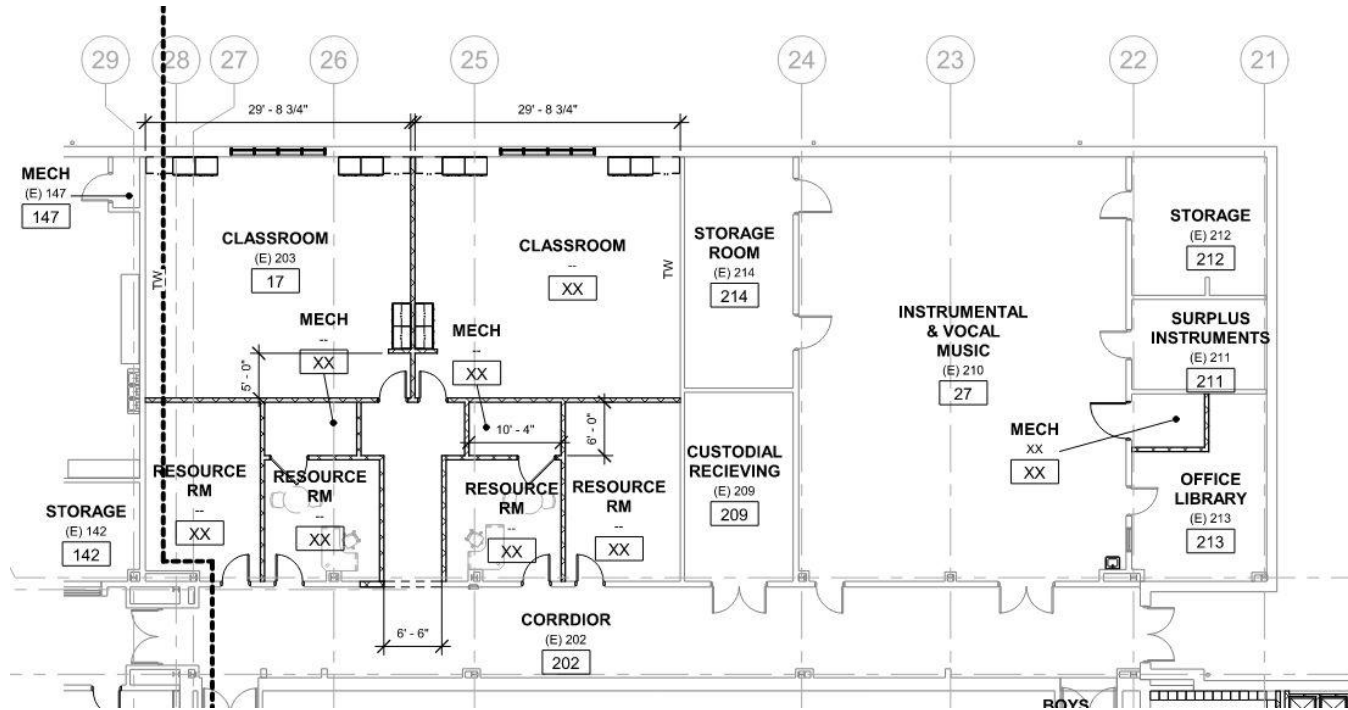
② CLSRM TEACHER DESK ELEVATION- TYP.
3/8" = 1'-0"



③ CLSRM TEACHING WALL ELEVATION- TYP.
3/8" = 1'-0"



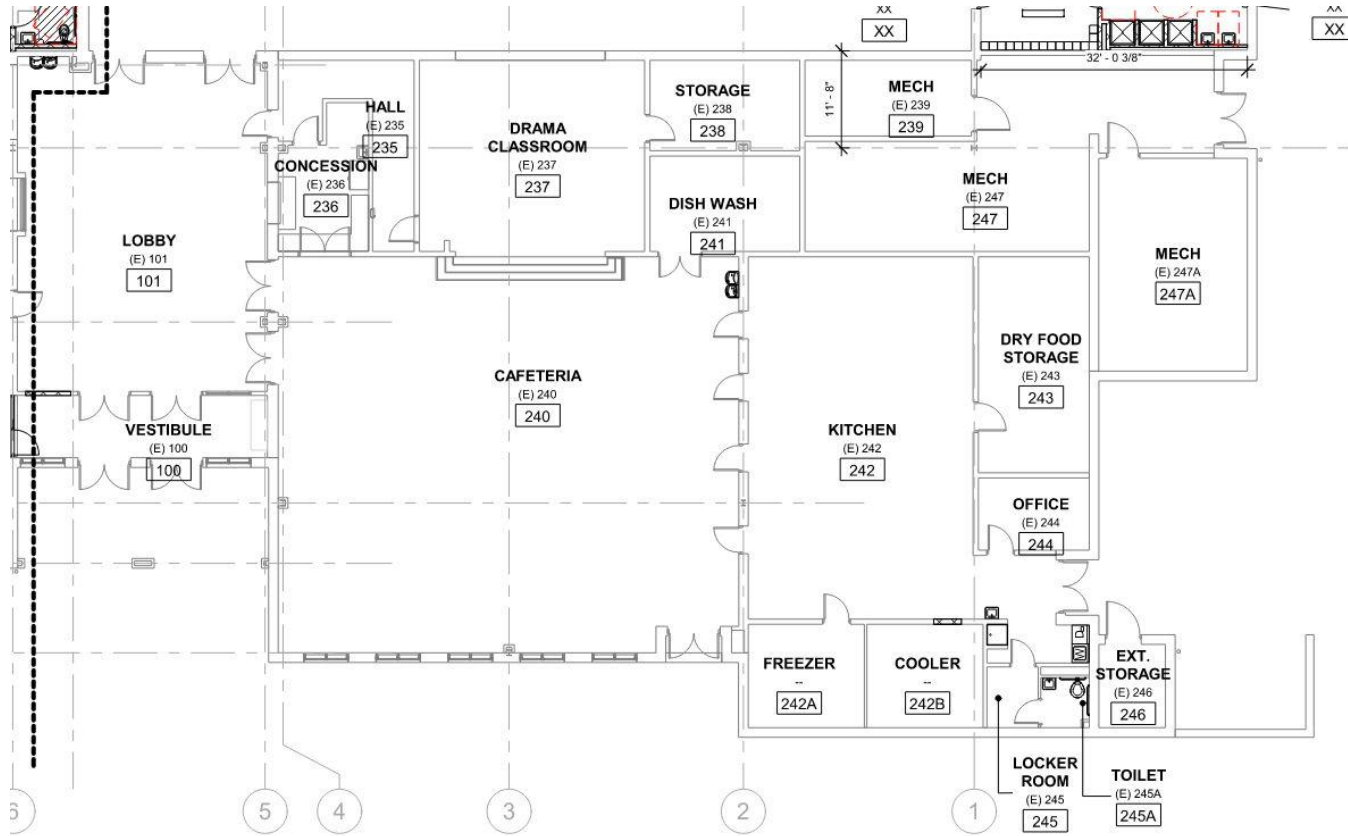
Standard Classroom Layout



Design Questions

- Is this proposed layout addressing school needs?
- Addition of two standard classrooms.
- Addition of “Resource” rooms and offices that open directly onto hallway.
- Are there new requirements for the Band Room we need to accommodate?

Proposed School Plan - Music Wing

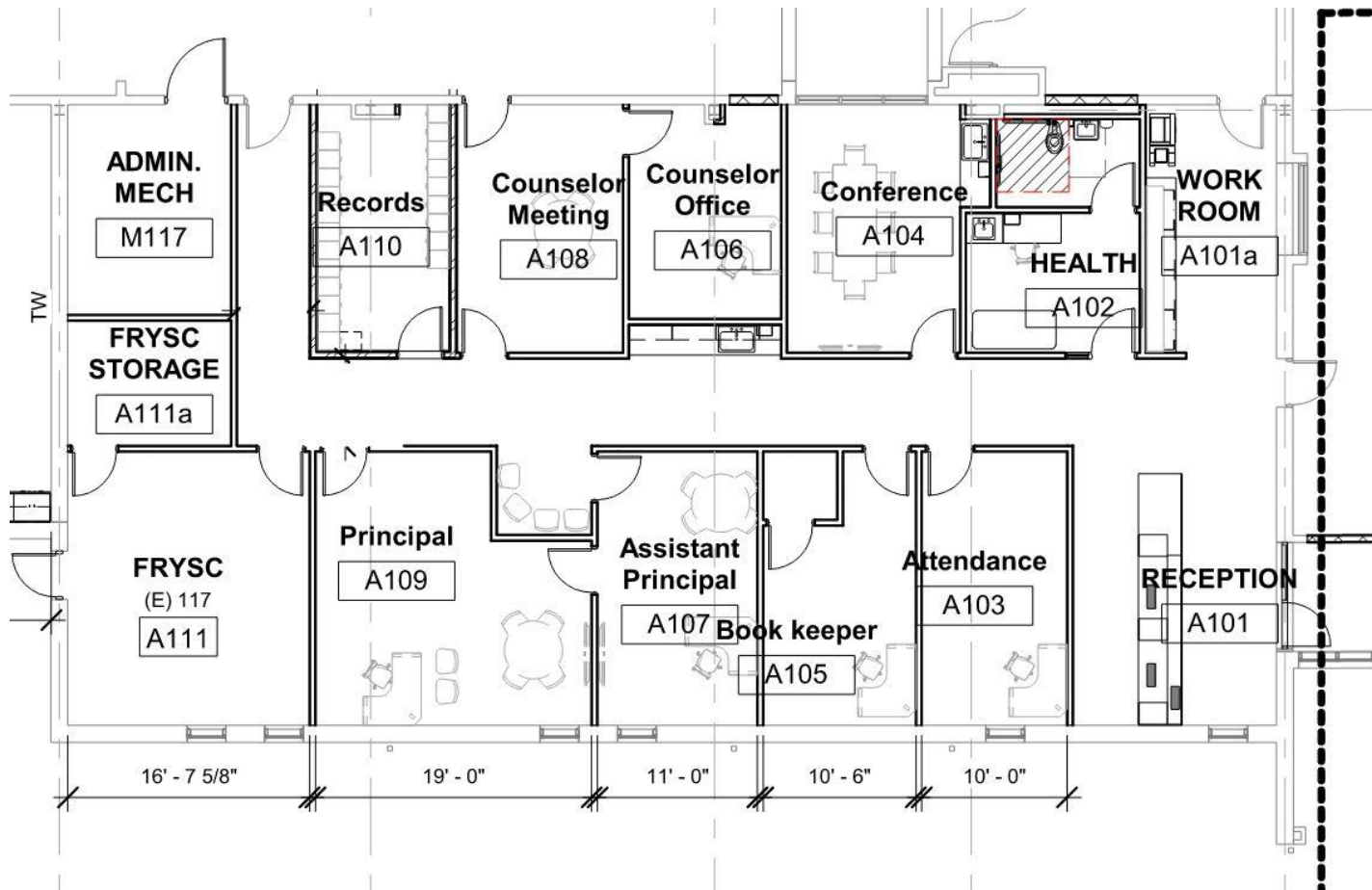


Design Questions

- Discuss Concessions area and ramp.
- Kitchen updates include a new exhaust hood and possible serving line upgrade, per Todd Crumbacker.

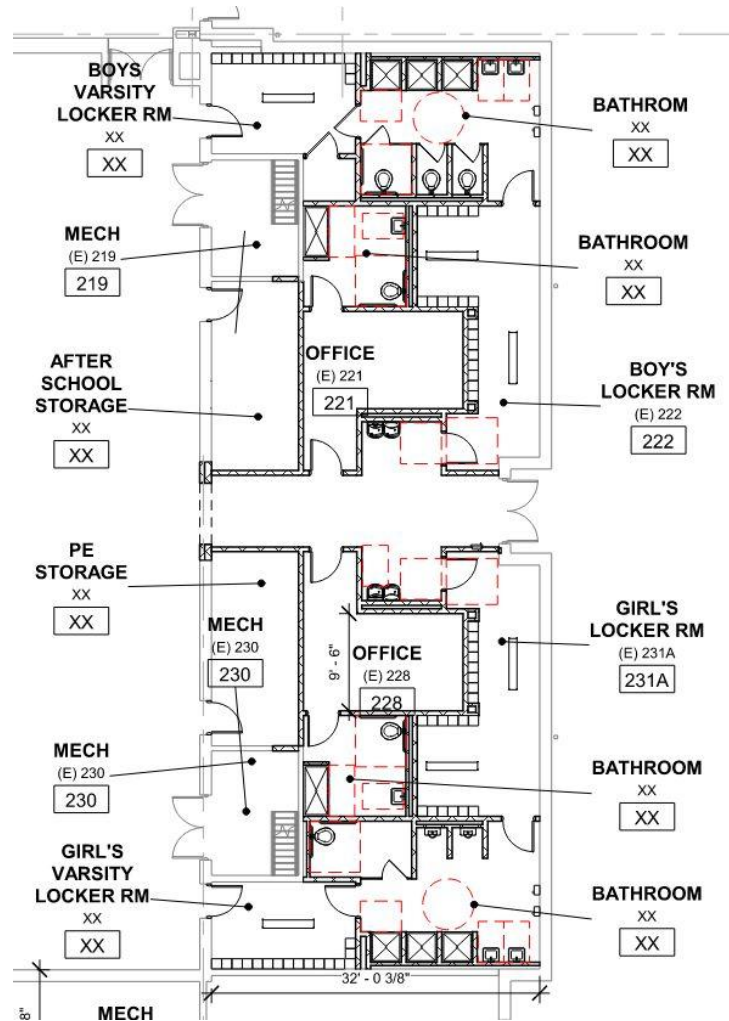
Proposed School Plan - Kitchen and Cafeteria

Design Questions



- Are office assignments accurate?
- Are there staff members not accounted for that need to be located in Administration Suite?
-

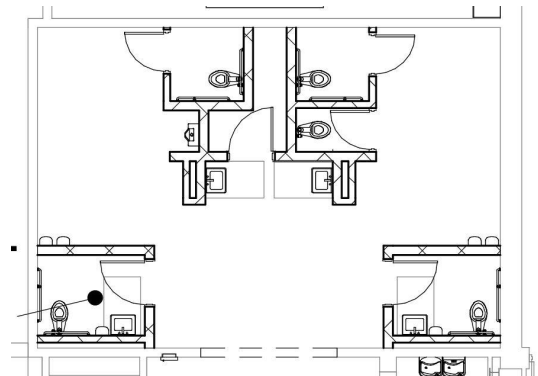
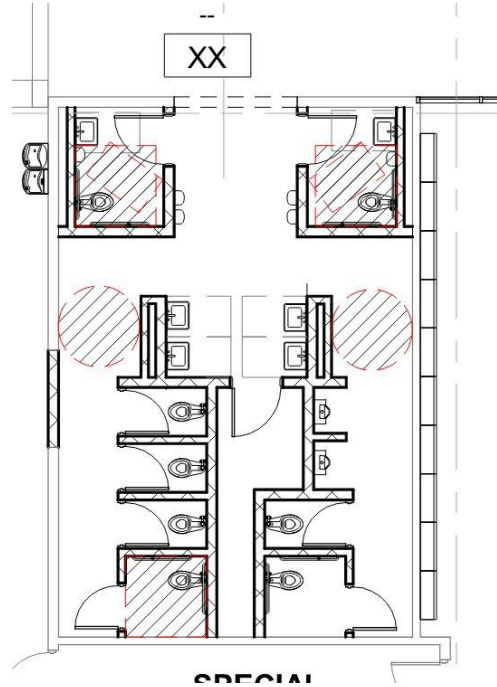
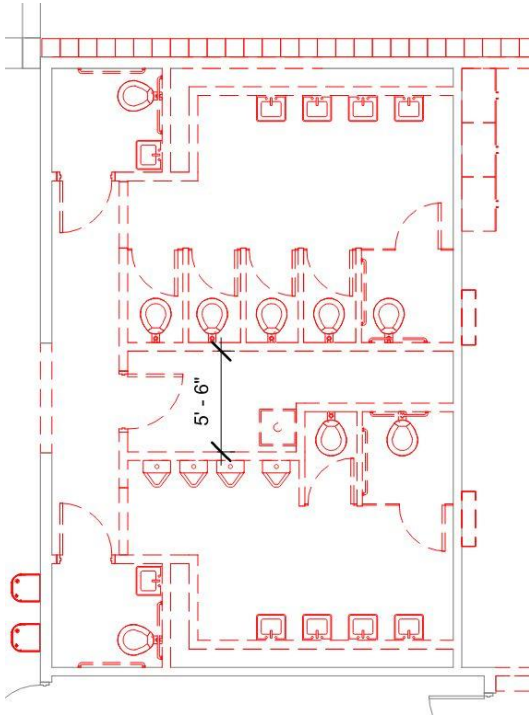
Administration Suite



Design Questions

- Number of lockers needed in Gym Locker Rooms:
 - 40 Shown (double stacked)
- Number of lockers needed in Varsity Locker Rooms.
 - 30 Shown (double stacked)
- Need two offices?
- Are two storage rooms for PE and “After School” sufficient?

Gymnasium Locker Room



Design Questions

- Are staff restrooms working well located in each restroom space?
- Do you have any issues with current student restroom layouts?
- Do you want sinks to face the corridor for better visibility?

Restrooms