

Lexington High School

Educational Planning and
Equity Focus Group

Meeting #2

02.05.2024

*Setting the benchmark for future projects in
the Commonwealth, and across the country,
for innovative design, efficiency, sustainability,
and positive impact for the community.*



dw
DORE + WHITTIER

SMMA

Meeting #2 Agenda

- » Meeting #1 Priorities and Givens
- » Additional Goals and Aspirations
- » Program Components and Discussion
- » Next Steps

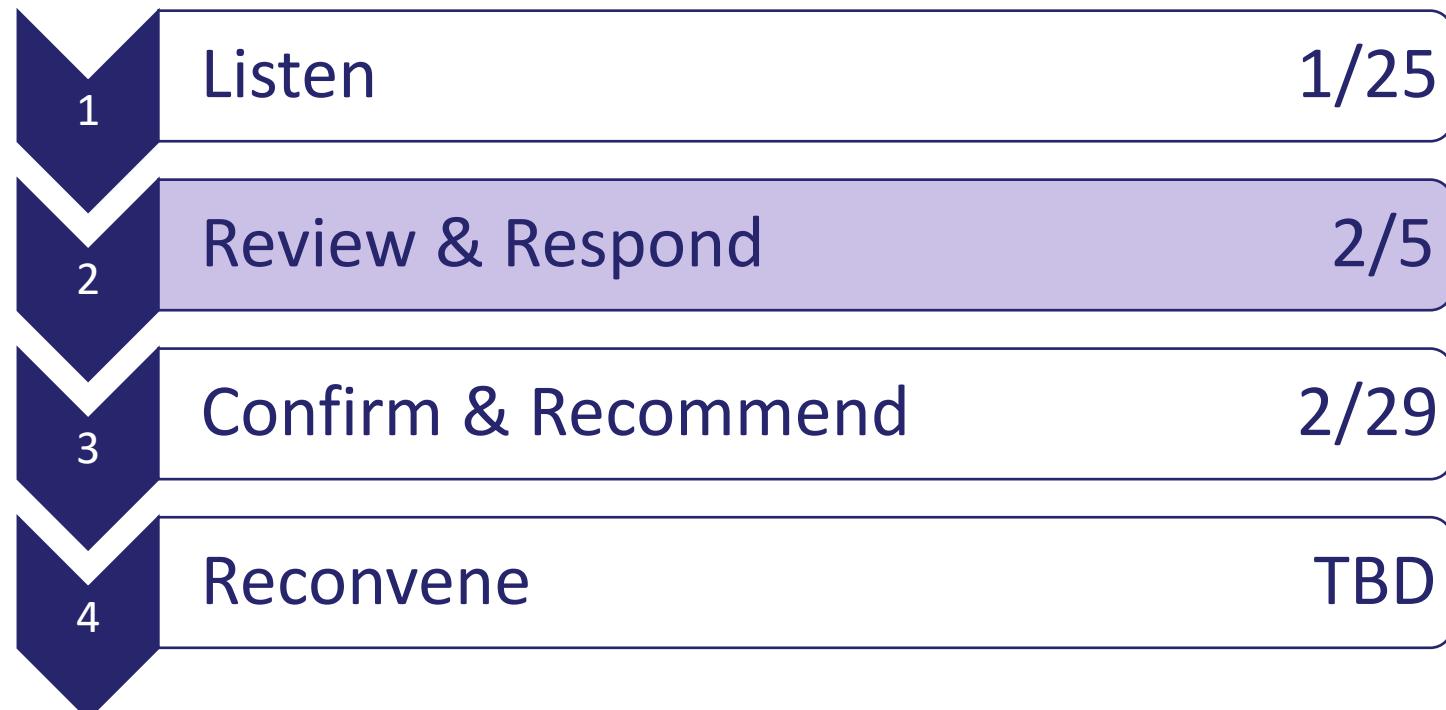
Focus Group Objective

Review overall goals from educational planning perspectives, educational programming meetings and visioning sessions



Focus Group Objective

Review overall goals from educational planning perspectives, educational programming meetings and visioning sessions



Meeting #1 Priorities and Givens

Topics and Priorities

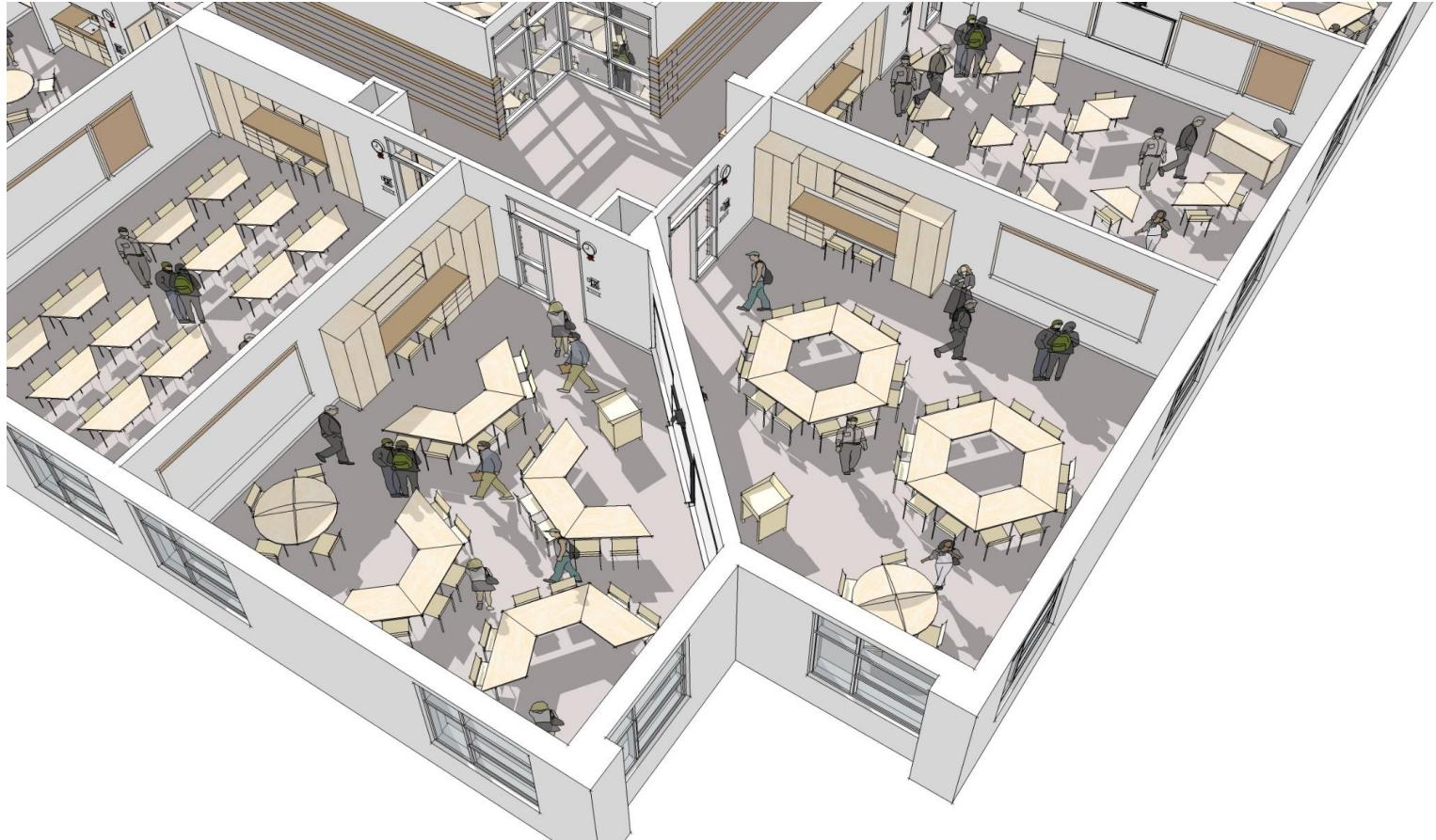
- Fostering Collaboration and Connections
- Dedicated space for Staff and Students
 - Before/After School
- Equity, Diversity, and Inclusion:
 - Identity and Culture
 - Accessibility
 - All Gender Facilities
 - Differentiated Space
 - Integrated Design
- Natural Daylight
- Circulation
- Wayfinding
- Physical Space
 - Flexible, Agile Space
 - Meeting Space
 - Cafeteria
 - Classrooms
 - Nurse's Office
- Academic Delivery:
 - STEM
 - Academics
 - School Organization
- Campus
 - Open or Closed
- Transportation
- Lockers

Topics and Priorities

- Fostering Collaboration and Connections
- Dedicated space for Staff and Students
 - Before/After School
- Equity, Diversity, and Inclusion:
 - Identity and Culture
 - Accessibility
 - All Gender Facilities
 - Differentiated Space
 - Integrated Design
- Natural Daylight
- Circulation
- Wayfinding
- Physical Space
 - Flexible, Agile Space
 - Meeting Space
 - Cafeteria
 - Classrooms
 - Nurse's Office
- Academic Delivery:
 - STEM
 - Academics
 - School Organization
- Campus
 - Open or Closed
- Transportation
- Lockers

Givens

- Code-compliant
- American Disabilities Act/MA Accessibility Board-Compliant
- Air Conditioning / Temperature Control
- Natural Daylight
- Dimmable LED Lighting (Uplighting / Downlighting)
- Dedicated space for Staff and Students
- Identity and Culture
- Differentiated Space
- Circulation
- Wayfinding



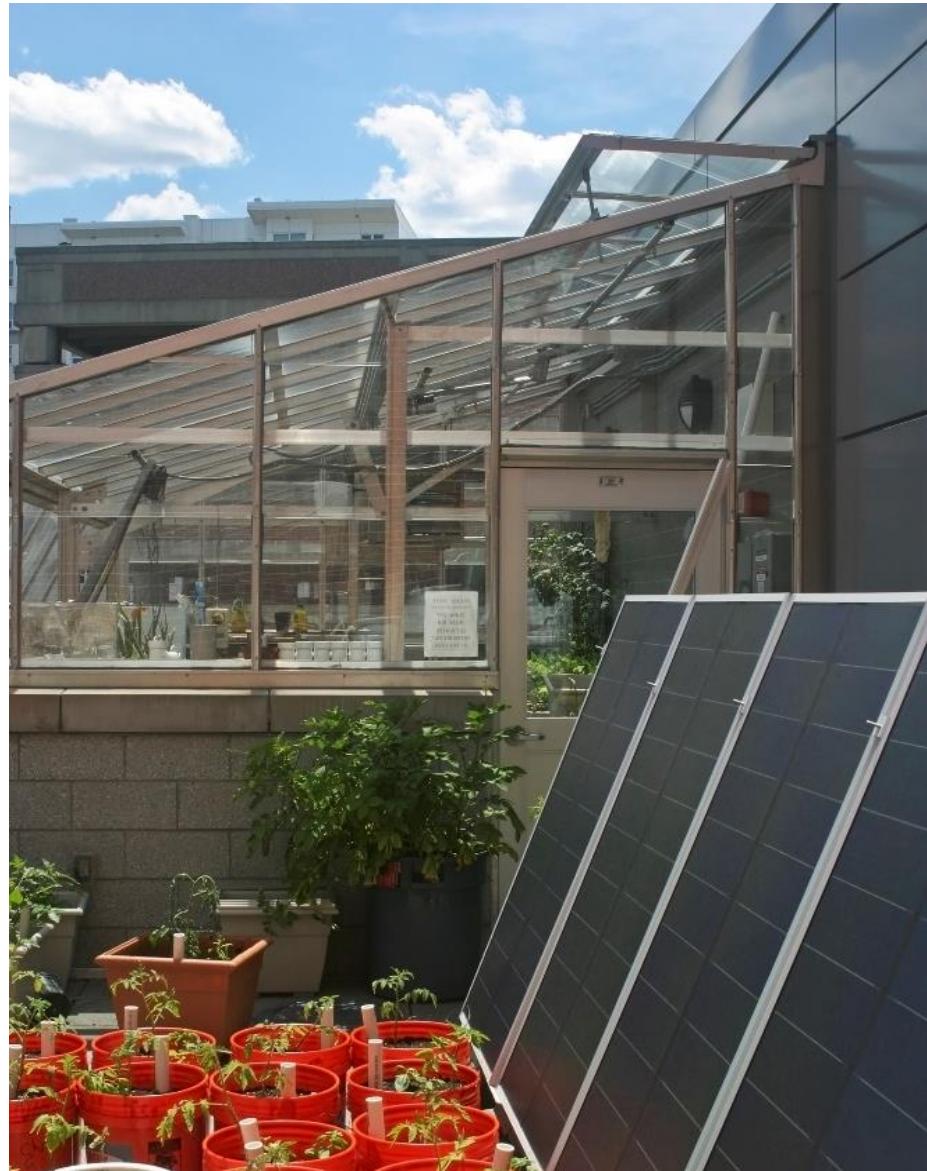
Science Lab

|SMMA



Science Lab

|SMMA



Student Dining



Sustainability and Science Integration

|SMMA



Technology



Engineering



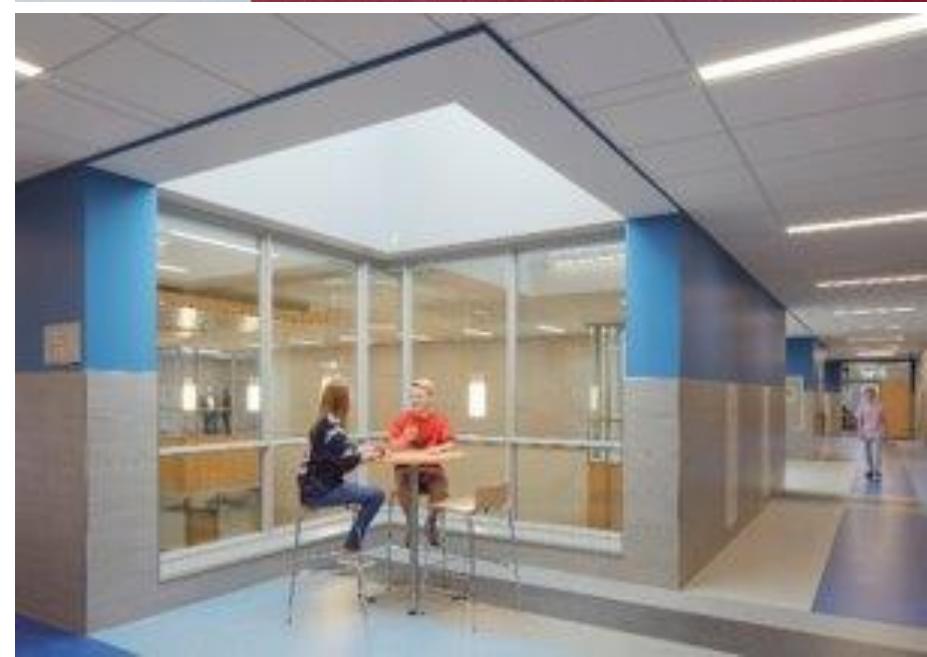
Large Group Instruction

|SMMA





Gathering and Collaborative Spaces



Student Dining



Servery/Scramble



Circulation

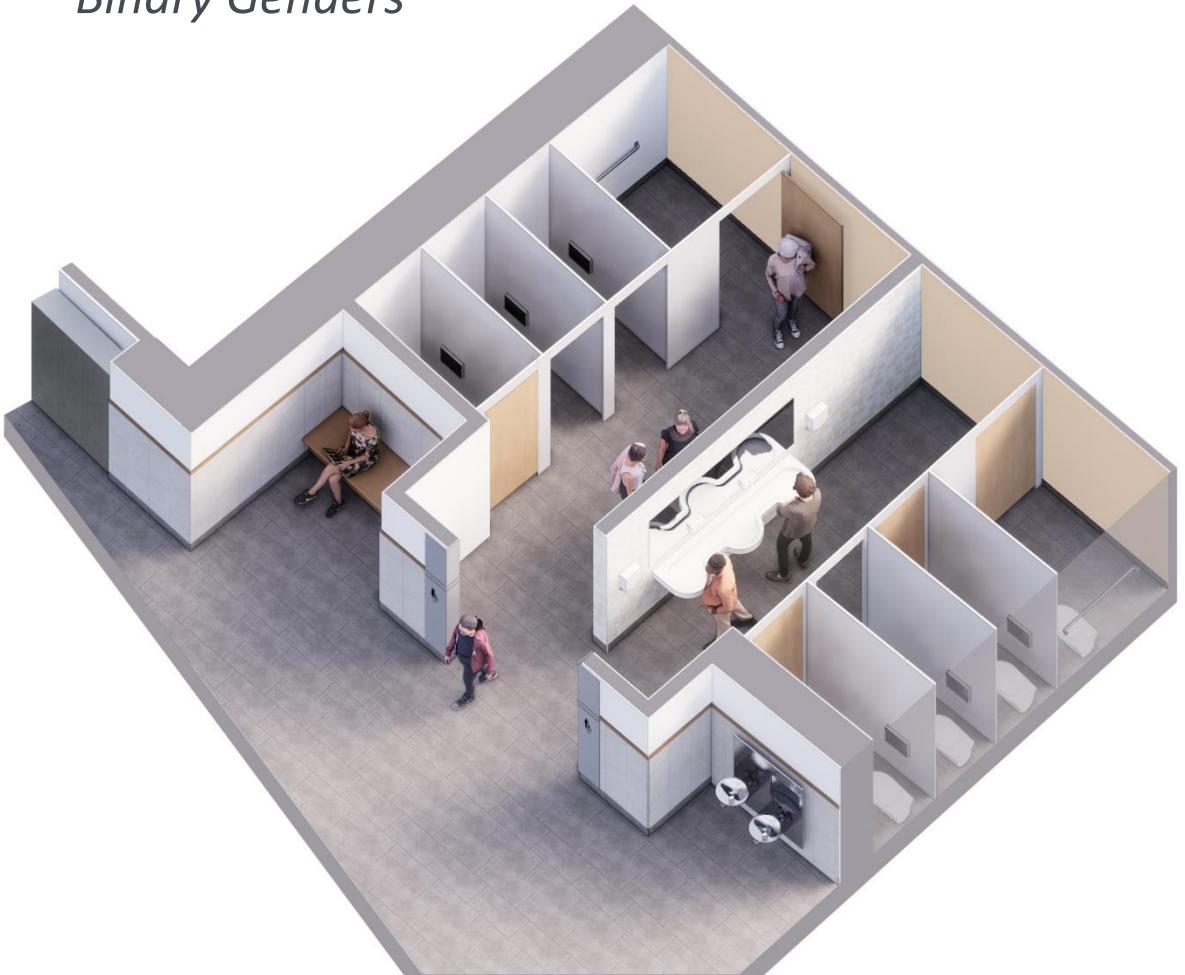
|SMMA



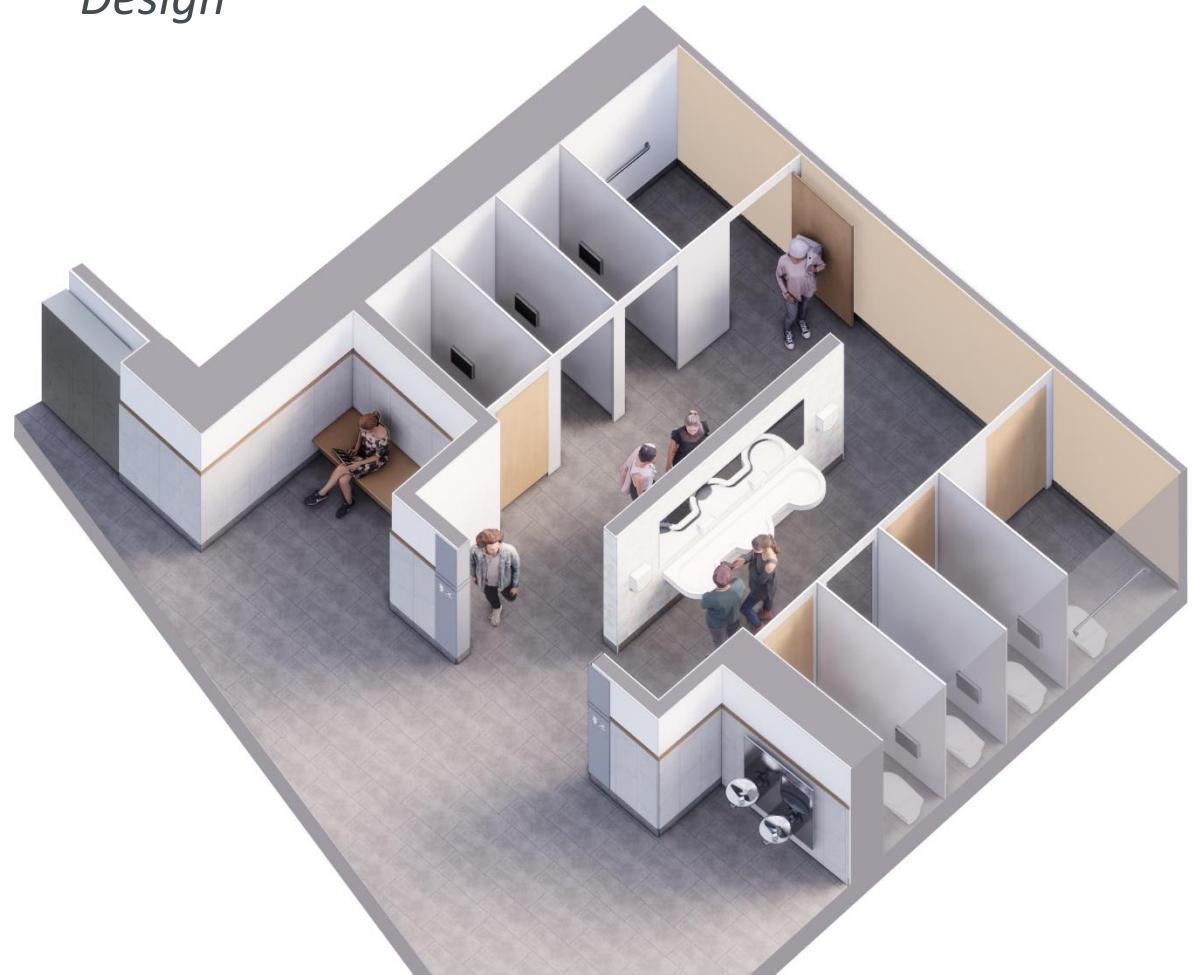


Multi-User Toilet Room Designs

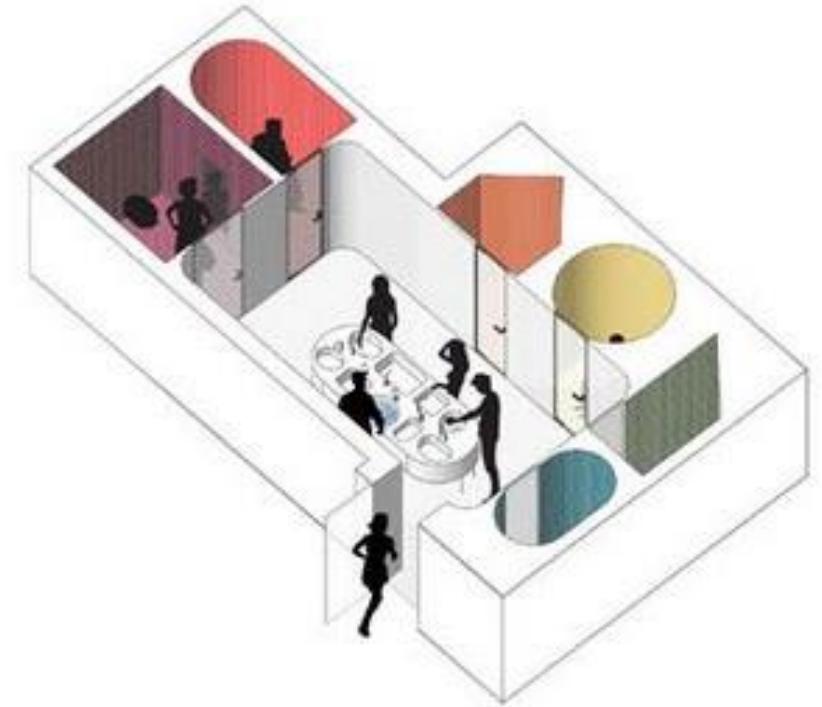
*Traditional Design for
Binary Genders*



*Converted All-Gender
Design*



All-Gender Toilet Room Precedents



• *graphic credit: WorkAC*

RISD Student Success Center, Providence, RI

Full Height Stall Options

Panelized partition systems offer greater flexibility and lower first costs.

Doors can have a small bottom gap to allow some acoustic access to facilitate assistance.

All Full-Height Stall options require dedicated systems per stall—lighting, fire protection, exhaust, smoke detection, vape detection.



Toilet Room Signage

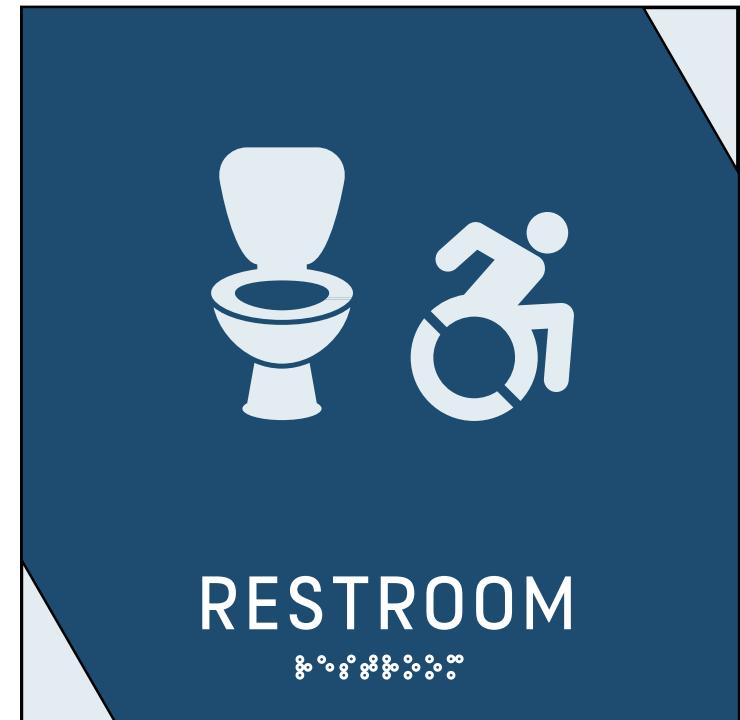
*Binary Gender
Restrooms*



*Single User Gender Neutral
Restroom*



*All-Gender
Restroom*



Locker Rooms

Privacy is key consideration for all-gender design.

Consider opportunities for full height partitions in embedded toilet rooms and shower stalls.



Additional Goals and Aspirations

Music



Visual Arts



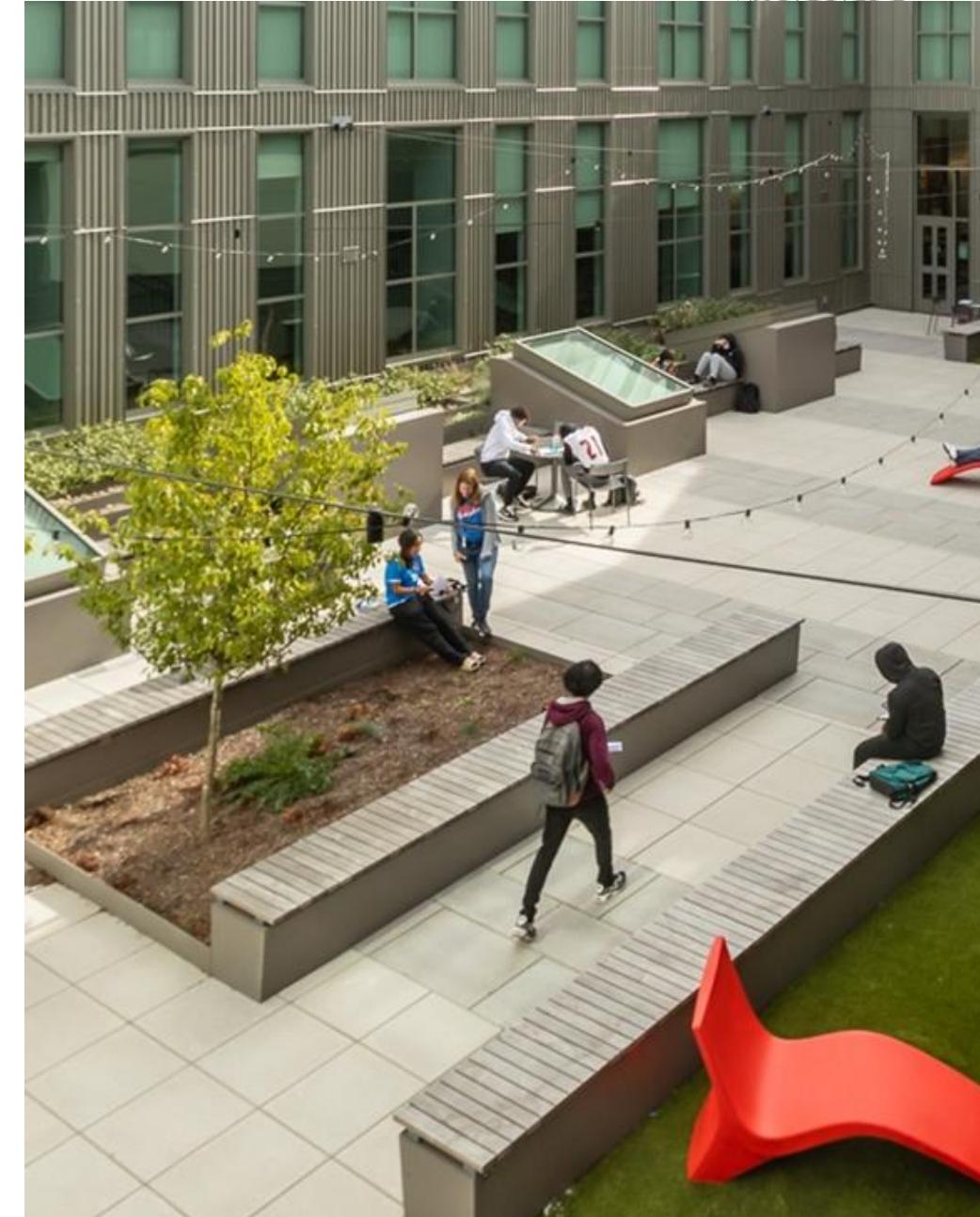
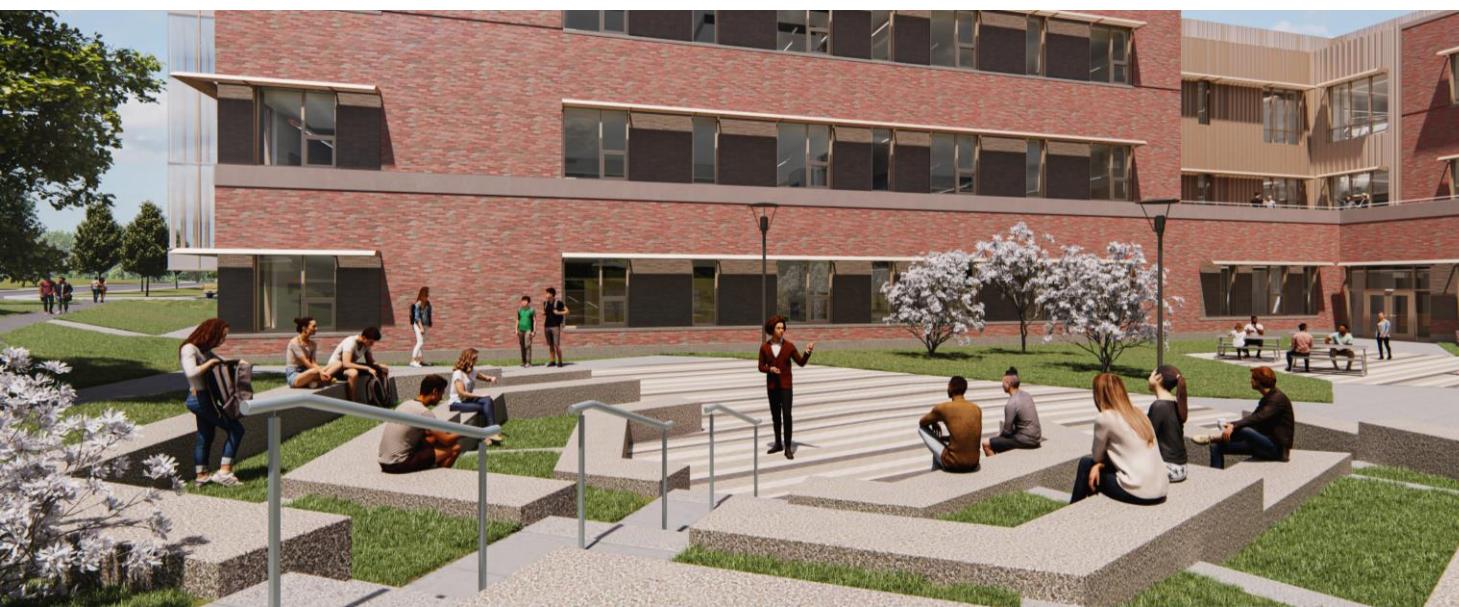
Student Display | SMMA



Transparency and Translucency |SMMA



Outdoor Learning Spaces |SMMA



Library / Media Center |SMMA



Library / Media Center

SMMA



Library / Media Center | SMMA



Auditorium



Gymnasium/ PE | SMMA



Alternative PE | SMMA

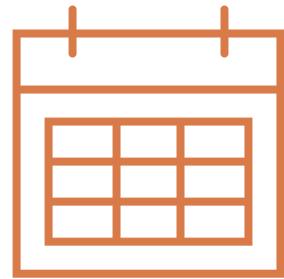


Program and Discussion

Existing Conditions Investigations



Curriculum and Schedule Analysis



Precedents



Visioning

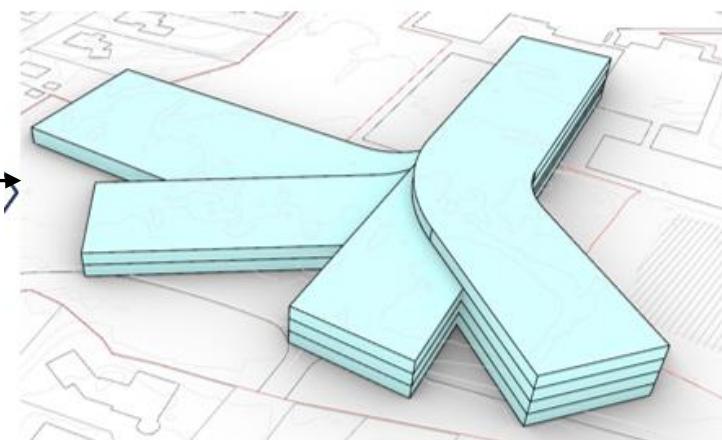
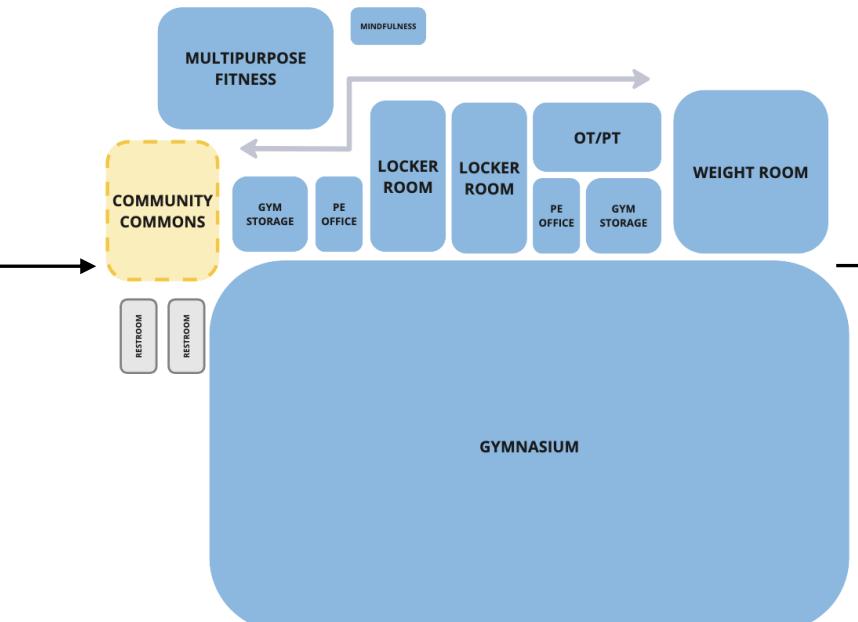


Educational Programming Meetings

|SMMA



SPACE SUMMARY		MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	Comments	
CORE ACADEMIC SPACES <i>(List classrooms of different sizes separately)</i>			0		
Classroom - General	850		-	825 SF min - 950 SF max	
Teacher Planning	100		-		
Small Group Seminar (20-30 seats)	500		-		
Science Classroom / Lab	1,440		-	3 x 85% ut=20 Seats-1 per iday/student	
Prep Room	200		-		
Central Chemical Storage Rm	200		-		
SPECIAL EDUCATION <i>(List classrooms of different sizes separately)</i>			0		
Self-Contained SPED	950		0	825-950 SF equal to surrounding classrooms	
Self-Contained SPED Toilet	60		-		
Resource Room	500		-	1/2 size Genl. Clrm.	
Small Group Room	500		-	1/2 size Genl. Clrm.	



Curriculum to Space Analysis

A	B	C	D	E	F	G	H	I	J	K
Course No.	Course Name / Subject	Current Students per Course	Projected Students per Course	Class Size	Sections	Sessions per Rotation	Total Sessions	Periods per Rotation	Total Stations Required	Comments
		2315 (23/24 enrollment)	2,395 (Design)							
Social Studies (x 1.035)										
2100	World History I	595	616	23	27	4	108	35	3.09	
2204	World History II	17	18	23	1	4	4	35	0.11	
2206	World History II	391	405	23	18	4	72	35	2.06	
2209	AP World History II	187	194	23	9	4	36	35	1.03	
2304	Issues in American History	5	5	23	1	4	4	35	0.11	
2306	Issues in American History	298	308	23	14	4	56	35	1.60	
2309	AP United States History	289	299	23	13	4	52	35	1.49	
2419	AP US Government & Politics	43	45	23	1	8	35	35	0.23	
2450	Conflict in the Modern World	41	42	23	2	2	4	35	0.11	Semester
2458	Conflict in the Modern World	2	2	23	1	2	2	35	0.06	Semester
2479	AP Human Geography	25	26	23	1	4	4	35	0.11	
2560	African American History	31	31	23	2	2	4	35	0.11	Semester
2570/78	Asian American History	17	17	23	1	2	2	35	0.06	Semester
2580	Facing History: Holocaust, Genocides	3	34	23	2	2	4	35	0.11	Semester
2588	Facing History: Holocaust, Genocides	8	8	23	1	2	2	35	0.06	Semester
2590/98	Class, Race, and Gender	14	14	23	1	2	2	35	0.06	Semester
2610	Child Development	175	181	23	8	2	16	35	0.46	Semester
2618	Child Development	11	11	23	1	2	2	35	0.06	Semester
2649	AP Psychology	245	254	23	11	4	44	35	1.26	
2650	Introduction to Law	74	77	23	4	2	8	35	0.23	Semester
2658	Introduction to Law	13	13	23	1	2	2	35	0.06	Semester

DRAFT

Program Space Summary

Program Areas

- General Ed. Classrooms
 - Existing: 695 SF avg
 - MSBA: 850-900 SF (min. 825)
- Science Labs
 - Existing: 1,069 SF avg
 - MSBA: 1,440 SF
- Cafeteria
 - Existing: 9,390 SF
 - MSBA: 11,980 SF
- STEM Labs
 - MSBA: LHS allotted (17) labs
 - What kind of labs?
 - Maker Space
 - Engineering
 - Digital Design Lab
 - Fabrication
 - Robotics
 - TV Production/ Broadcast

Other Program

- Rock Room and Areas of Respite
- Field House – renovate or new
- Pool
- Central Offices
- Community Welcome Center

Other Program

The Following Spaces shall be categorically ineligible for Authority funding

- Swimming Pool – MSBA will only allow if school already has an existing pool, is a separate project, has separate funding, and its own ballot vote
- Skating Rinks
- NEW Field House - MSBA will only allow if it is a separate project, has separate funding, and its own ballot vote
- District Administrative Office Space – MSBA may allow but will not participate
- Indoor Tennis Courts
- Other spaces as determined ineligible by MSBA

Other Program

The Following Spaces are subject to size limits:

- Auditorium shall be no more than 13,300 nsf (based upon upper limit of 1,000 seats)
- Gymnasiums – The district may choose to build a gymnasium and associated spaces, but in no event shall the gymnasium exceed 18,000 nsf. The MSBA will participate in a gymnasium of up to 12,000 nsf unless adjusted by the MSBA to increase teaching stations for enrollment and/or the educational plan.
- Areas in excess of the MSBA guidelines will be at the sole expense of the district;
- Community support must be demonstrated prior to MSBA approval of a district's proposed project scope and budget
- The MSBA will exclude from its grant the cost of the total gross square foot ("gsf") above guidelines for these areas. Total NSF over MSBA limits \times 1.5* grossing factor. This amount will not change over the term of the grant even if the bids come in at a lower amount.

What to Expect in Meeting #3

Objective: The focus group will review recommendations as to what type of educational and equity elements to include in the program that were discussed with the design team in Meetings 1 and 2

When & Where?

February 29th, 1-3 PM

Estabrook Auditorium, Cary Memorial Building



