

Andover High School Building Committee



April 6, 2023





HMFH ARCHITECTS

DRAFT FEASIBILITY STUDY & SCHEMATIC DESIGN TIMELINE





Andover High School Project

NOVEMBER 2022

- o Project Website Launched. Community Forums, Educational Programming, Site Development, Student Groups, & Sustainability **Meetings Ongoing**
- o 11/22/2022 SBC Meeting Site Development: **Preliminary Site Options** Presented

DECEMBER 2022

Forum #2

Review

o 12/8/2022 SBC Meeting

o 12/8/2022 Community

o 12/20/2022 SBC Meeting

Vote: Selected 3 Site

Options for Further

Review Evaluation Criteria

Site Development:

JANUARY 2023

- o 1/11/2023 Community Tours of Andover HS #1 & Community Forum #3
- o 1/12/2023 SBC Meeting Design Progress: Building **Layout Development**

FEBRUARY 2023

- o 2/6/2023 Community Forum #4
- o 2/9/2023 SBC Meeting **Vote:** Selected 2 Building **Options for Pricing**
- o 2/13/2023 Select Board Presentation
- o 2/16/2023: Feasibility Study Education Plan Presented to School Committee

- **WE ARE APRIL 2023** o 4/6/2023 SBC Meeting HERE
- **Vote:** Recommend Preferred **Building Option**
- o 4/6/2023 School Committee Meeting **Vote:** to Approve Preferred Building Option

MAY 2023

May

2023

- o Schematic Design Commences to be confirmed
- Continued educational visioning & programming with faculty, staff, stakeholders, etc.

Nov-Dec 2022

Jan 2023

JANUARY 2023

- o Draft Education Plan Provided by District
- o 1/21/2023 Community Tours of Andover HS #2
- o 1/23/2023 Select Board Presentation
- o 1/26/2023 SBC Meeting Design Progress: Building **Options Review**

MARCH 2023

Feb-Mar

2023

- o 3/2/2023 SBC Meeting **Review Progress & Evaluation Criteria**
- o 3/9/2023 Community Forum #5
- o 3/29/2023 Community Forum #6
- o 3/30/2023 SBC Meeting **Present Preliminary Cost Information**

APRIL 2023

April

2023

- o 4/13/2023 Community Forum #7
- Select Board Meeting Vote: to Approve Preferred **Building Option (Targeting** 4/10/2023 or 4/24/2023)

JUNE 2023 - EARLY 2024

Jun'23

Early'24

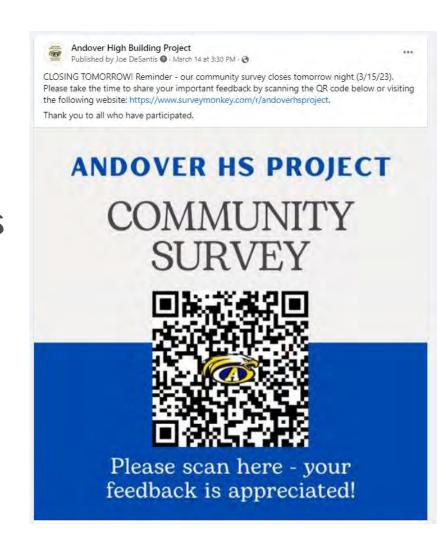
- O Special Town Meeting Vote: to Approve Additional Schematic Design Funds (TBD)
- Outreach Efforts Continue
- o Determine Construction **Delivery Method**
- o Cost Estimates Performed (TBD)
- Special Town Meeting Vote: to Approve Design and Construction Funds (TBD)



THE BIG PICTURE

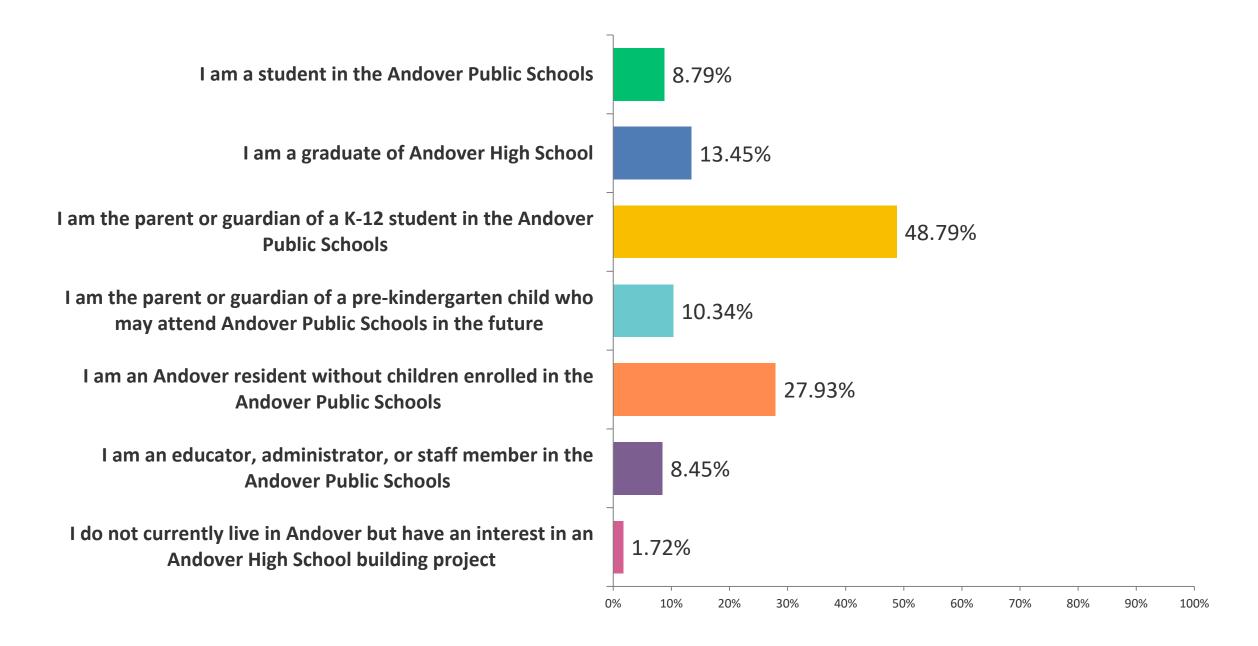
Community Survey - Overview

- A community survey was conducted from 3/1 3/15.
- Survey involved up to 13 questions (depending on responses)
- Goal of the survey was to understand the community's priorities for the project. Survey involved questions of multiple format (multiple choice, ranking, openended, etc.)
- 583 total responses were received, and 103 new people shared email addresses to subscribe to project mailing list



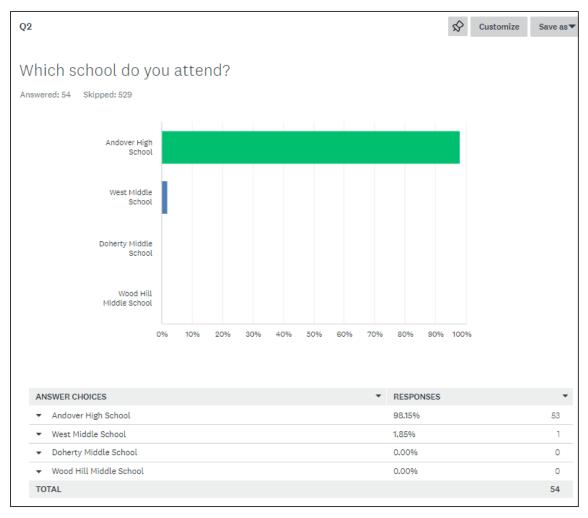
Q1: What is your relationship to Andover High School?

Answered: 580 Skipped: 3

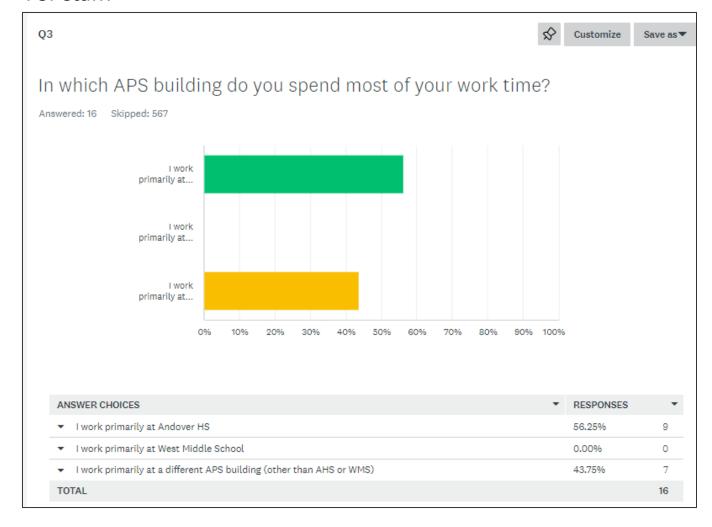


Q2 and Q3 (Optional, based on response to Q1)

For students:

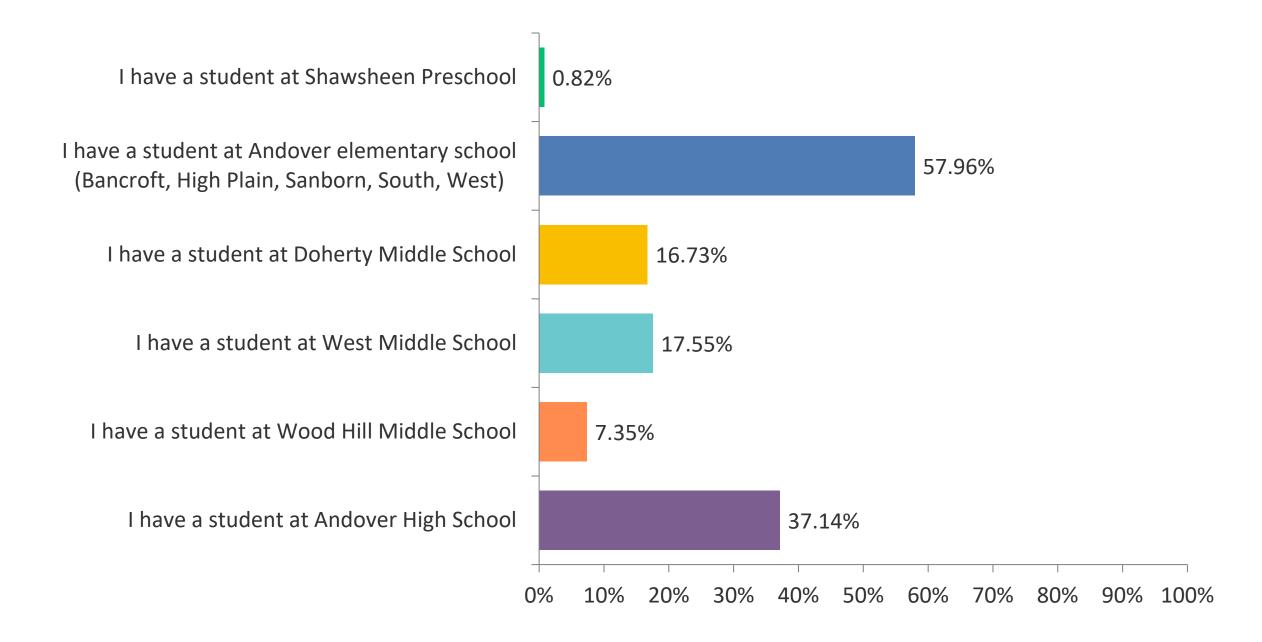


For staff:

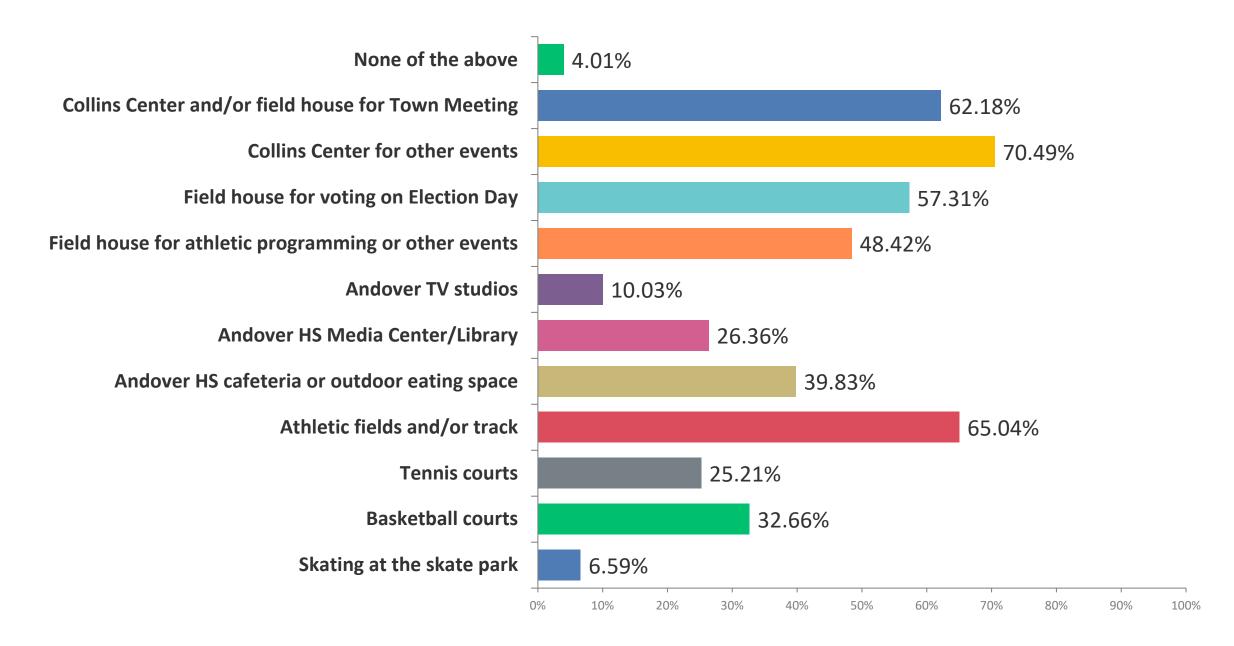


Q4: Please check all that apply.

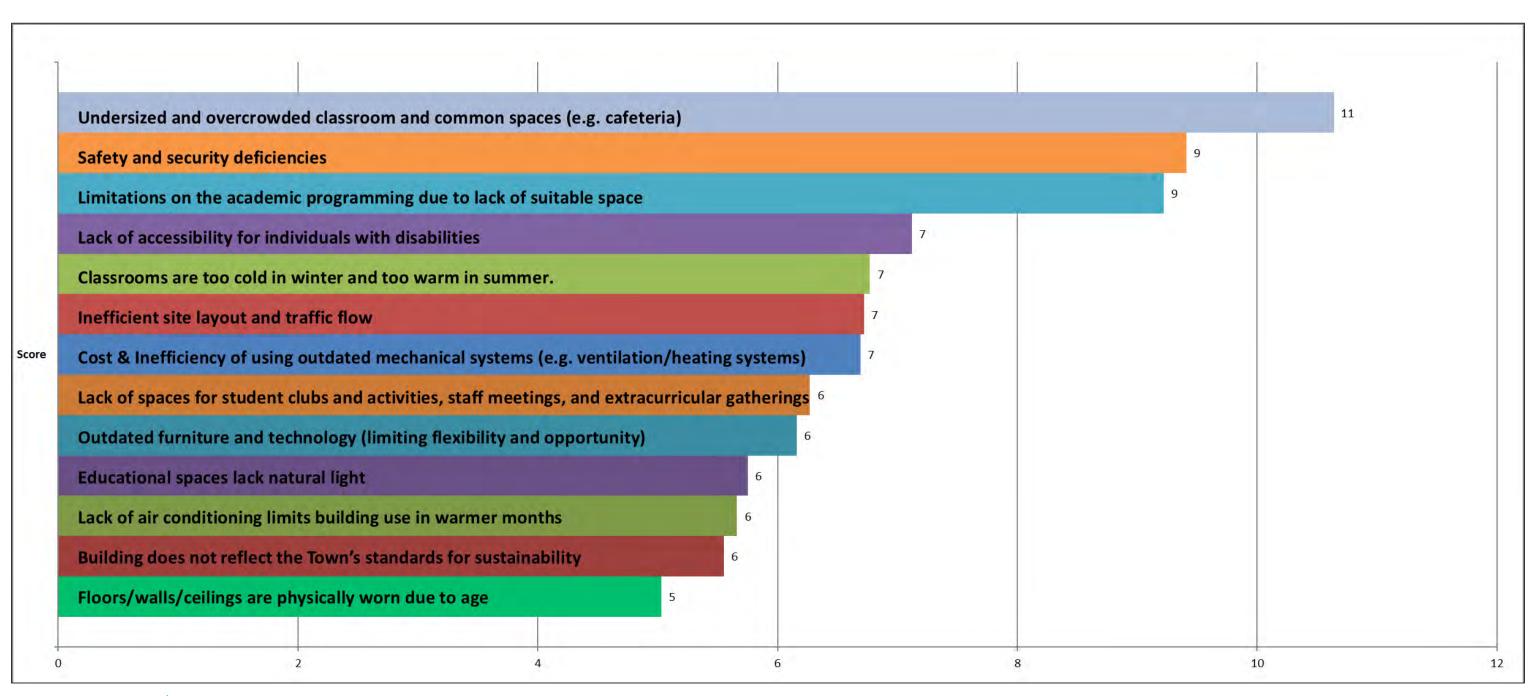
Answered: 245 Skipped: 338



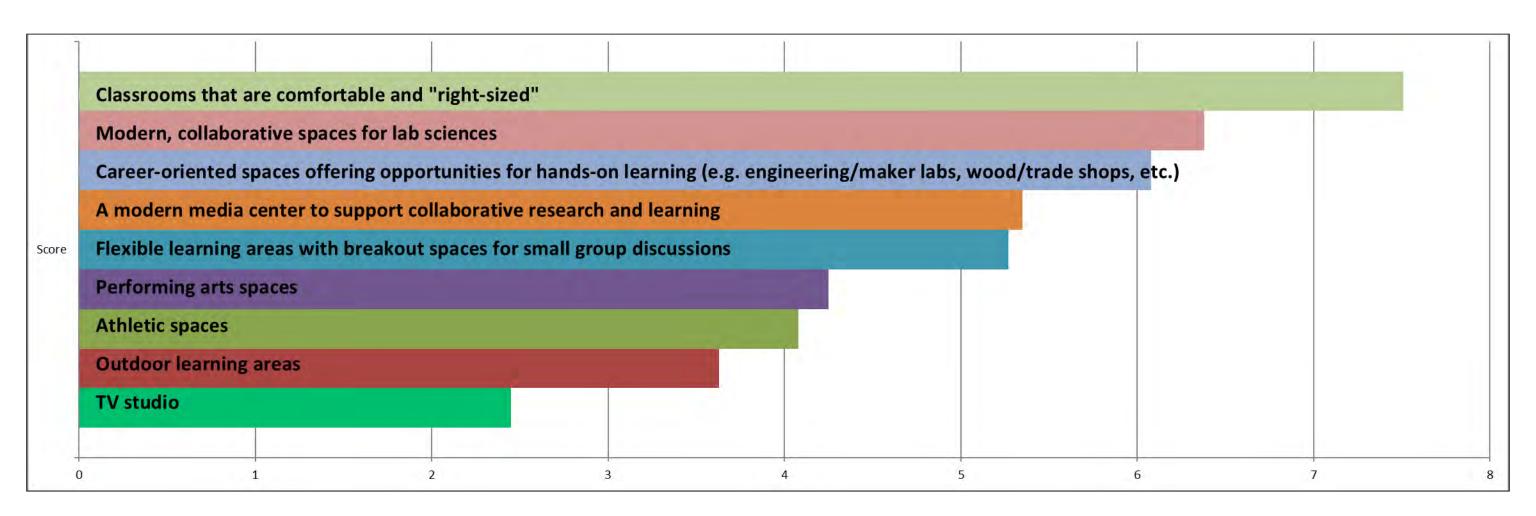
Q5: The Andover High School site is home to many community uses throughout the year. Please check any elements of the Andover High School site that you have visited or used in the last five years.



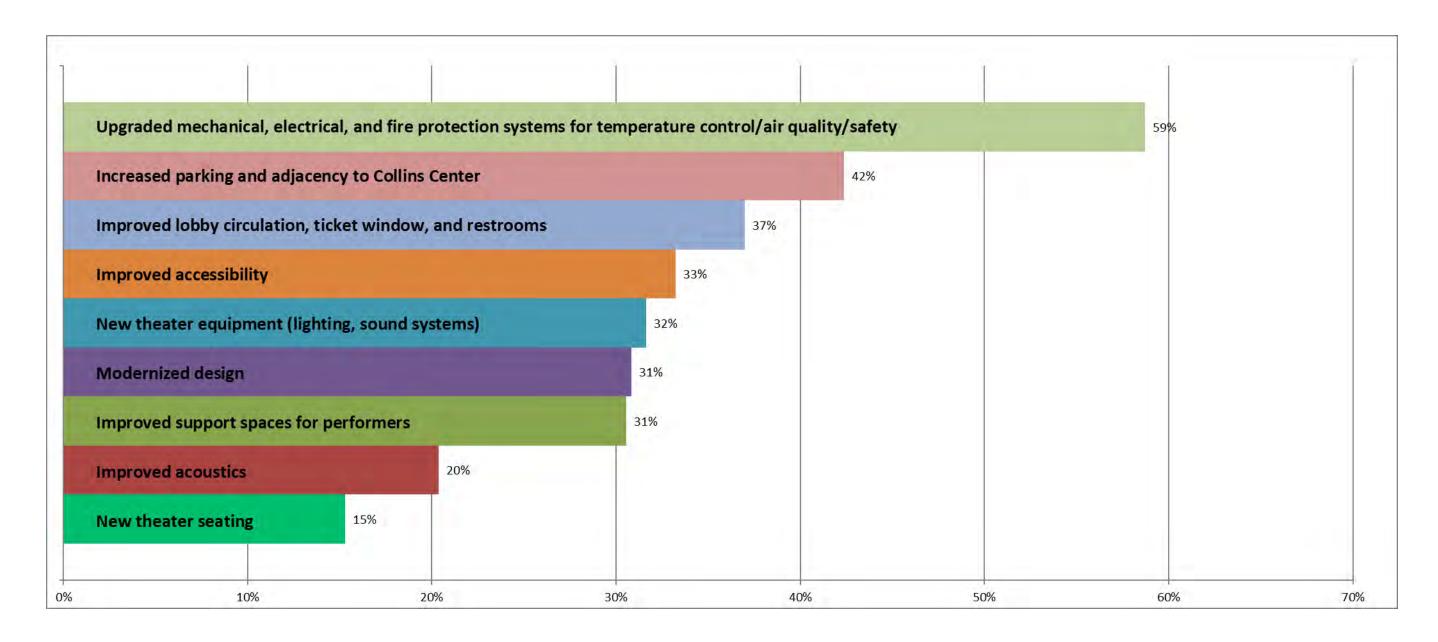
Q6: Which of the following issues with the existing AHS are most concerning to you?



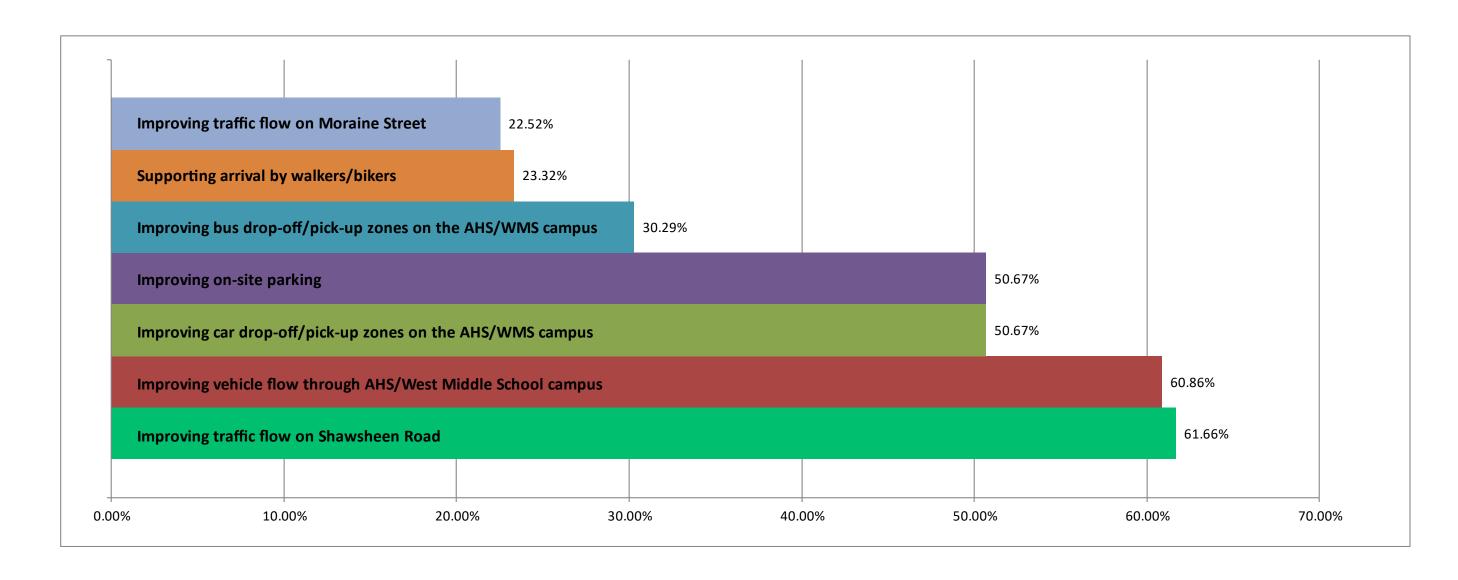
Q7: Which of the following potential spaces within a new or renovated Andover High School are most important to you? (Rank)



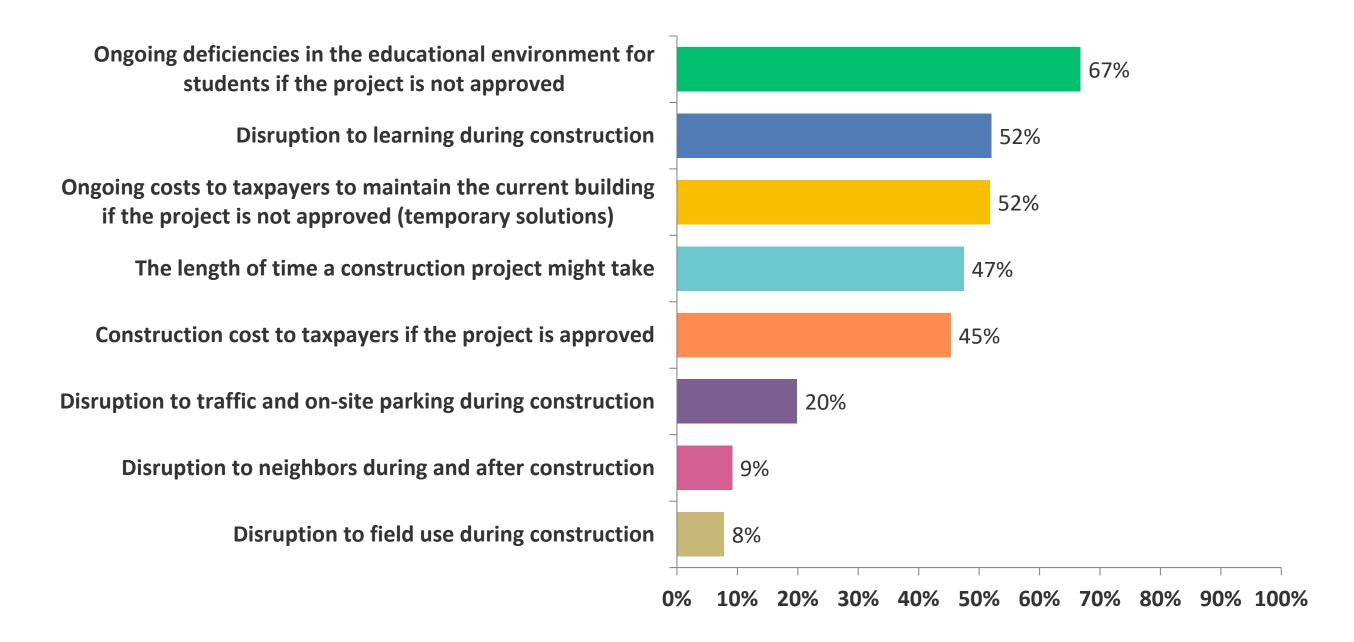
Q8: Which three features in a potentially new or renovated Collins Center would you be the most excited about?



Q9: Of the following choices, which do you think are the <u>three</u> most important priorities for improving the flow of vehicles and people around the AHS/West Middle School campus?



Q10: Of the following choices, what are your three biggest concerns regarding a potential Andover High School building project?





Q11: Open-ended: Is there anything else you'd like to share with the Building Committee?

Answered: 135 Skipped: 448

Category	Count
Supportive	64
Negative	20
Neutral	10
Specific Considerations	34
Irrelevant/Unable to Categorize	7

Q12: Open-ended: Is there a community group that you'd like us to meet with to share information and collect feedback? If so, please provide as much of the following information as you can so that we can be in touch.

Answered: 25 Skipped: 558

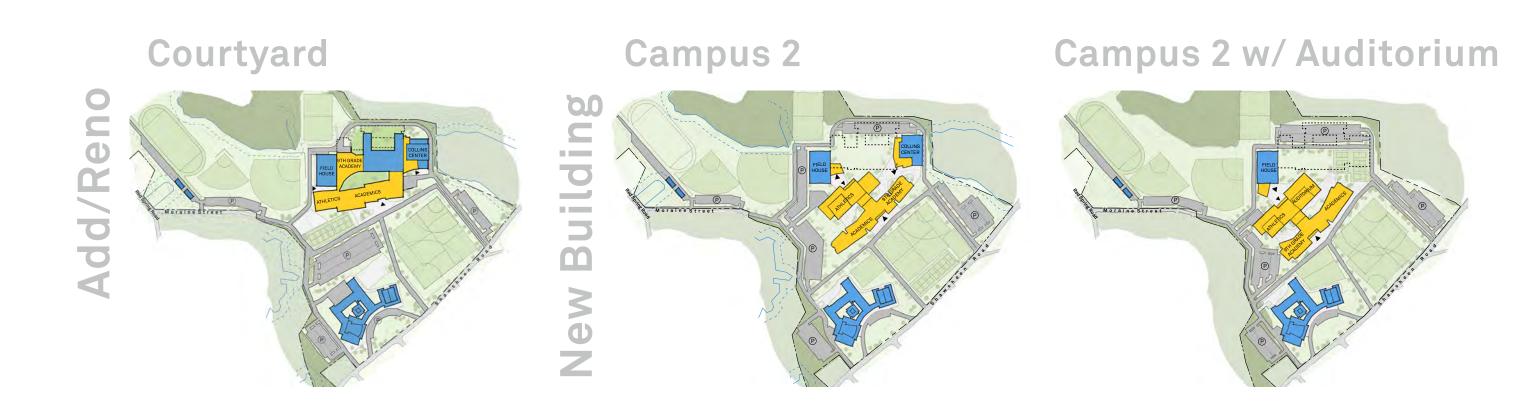
Walk-Bike Andover, Bancroft/Doherty/Woodhill Parents, Andover Pollinator Pathway, Local Churches, Music Honors Society, Andover Mum Facebook Page, Andover Vocal Music Association, Andover Arts & Culture Alliance, Senior Center, Rotary Club, Local Pre-Schools and Daycares, Booster Clubs (drama, show choir, robotics), Andover Trails Group, Andover Cultural Council, Andover News,

Q13: Would you like to share your email address to receive news about the project?

Emails Provided: 103

Options





Surface parking or parking garage can be considered for any option





Cost analysis process - Feasibility Phase

Preliminary Construction Cost Analysis

- High level construction cost information for comparison and decision-making purposes (ex: New vs. Add/Reno, Collins Ctr, parking garage)
- At this phase, costs estimated on cost SF basis plus industry standard multipliers for escalation, design contingency for undefined scope
- Two independent construction cost analysis of initial concept drawings, reconciled to verify understanding of scope and associated cost assumptions
 - PM&C (estimate of record) and Ellana Construction Cost Consultants reconciled estimates were within approx. 3% for add/reno and 1% for new

Estimated Project Cost Analysis

• Team will use industry standard multipliers to translate preliminary construction cost analysis to rough total project costs



Project costs

	Add/Reno		New Campus 2 w/
	Courtyard	New- Campus 2	Aud
Trade Costs			
Building Costs	\$219,636,000	\$216,244,000	\$208,601,000
Demo and HAZMAT	\$3,520,000	\$5,203,000	\$5,764,000
Site w/ Surface Parking	\$45,248,000	\$40,504,328	\$40,553,000
Design and Pricing Contingency	\$32,208,000	\$31,434,000	\$30,590,000
SUBTOTAL Building & Site Trade costs	\$300,612,000	\$293,385,000	\$285,508,000
Escalation, Phasing, & Logistics	\$60,504,000	\$41,597,000	\$36,551,000
General Conditions and Requirements	\$34,945,000	\$29,649,000	\$27,132,000
Bonds and Insurance	\$8,125,000	\$7,537,000	\$7,246,000
CM Fee and Contingency	\$18,390,000	\$16,934,000	\$16,218,000
Estimated TOTAL Construction Cost	\$422,576,000	\$389,102,000	\$372,655,000
Cost/ Square Foot	\$844	\$812	\$810
Construction Contingency	\$50,710,000	\$27,230,000	\$24,220,000
Owner's Contingency	\$5,350,000	\$4,950,000	\$4,750,000
All Other Soft Costs (Fees, Testing, etc.)	\$89,228,000	\$82,539,000	\$79,222,000
Estimated TOTAL Project Cost	\$567,864,000	\$503,821,000	\$480,847,000

Construction costs include:



Construction Costs Include:

- Construction Manager Fee
- Bonds & Insurance
- Construction Cost Escalation
- Design & Pricing Contingency
- Construction Manager's Contingency

Division 1 - General Conditions/Requirements

Division 2 – Demolition & Abatement

Division 3 - Concrete

Division 4 - Masonry

Division 5 – Metals (Structural & Misc. Metals)

Division 6 - Millwork & Casework

Division 7 - Roofing, Insulation, Waterproofing

Division 8 – Doors & Windows

Division 9 - Finishes

Division 10 – Partitions, Signage, Accessories

Division 11 – Equipment

Division 12 – Furnishings

Division 14 – Elevators

YSTEMS

SITE

Division 21 - Fire Suppression

Division 22 - Plumbing

Division 23 - HVAC

Division 26 - Electrical

Division 27 - Communications

Division 28 - Electronic Safety/Security

Division 31 - Site

Enabling Site Work

Division 32 - Exterior Improvements

Division 33 - Utilities

Project costs include



Construction costs, and

Soft costs:

- Construction Contingency
- Owner's Contingency
- Architecture & Engineering Costs
- Owner's Project Manager Costs
- Construction Testing
- Legal Fees
- Utility Company Fees & Temporary Utility Work
- Furniture, Fixtures, and Equipment (FF&E)
- Technology
- Moving Costs
- Construction Manager Pre-construction Services





Item	Description
Construction Contingency	6.5-12% of construction cost, varies by option (increases with renovation)
Owner's Contingency	6% of soft costs below
Architecture & Engineering Costs	
Owner's Project Manager Costs	
Utility Company Fees & Temporary Utility Work	
Furniture, Fixtures, and Equipment (FF&E)	~21% of construction costs
Technology	(Rough order of magnitude)
Moving Costs	
Construction Testing	
Legal Fees	
Construction Manager Preconstruction Services	



Draft program - recent revisions to Net SF

Net Floor Area for the base program is shown below. This chart does not include Collins Center/ Auditorium and Field House. It also does not include gross area, for corridors, bathrooms, storage, and service spaces.

As estimated, the total project Gross Square Feet ranges from 460,711 to 501,130 depending upon option (add/reno, new, or new w/ auditorium).

ANDOVER HIGH SCHOOL	Proposed 1.11.2023	Basis of estimate 3.10.2023	Recent Reduction 4.1.2023	MSBA Guidelines
CORE ACADEMIC SPACES	104,270	99,720	97,500	90,880
SPECIAL EDUCATION	29,840	27,190	25,740	19,130
ART & MUSIC	19,175	17,450	15,250	9,775
CAREER & TECHNOLOGY	19,175	19,200	18,720	18,720
HEALTH & PHYSICAL EDUCATION	35,400	34,990	30,650	26,840
MEDIA CENTER	11,775	11,775	11,475	11,775
DINING & FOOD SERVICE	18,700	18,700	17,350	14,650
MEDICAL	1,720	1,720	1,720	1,510
ADMINISTRATION & GUIDANCE	8,658	8,658	8,658	6,658
CUSTODIAL & MAINTENANCE	3,800	3,800	3,800	3,050
OTHER - Andover TV	2,970	2,970	2,970	0
SUB-TOTAL HIGH SCHOOL (not including Collins Center & Field House)	255,483	246,173	233,833	202,988

Note: Since the start of this project, the MSBA has revised their guidelines for Core Academic Spaces and Career& Technology. These revisions are reflected above.



	Proposed	М
ANDOVER HIGH SCHOOL	4.1.2023	Guid
CORE ACADEMIC SPACES	97,500	
SPECIAL EDUCATION	25,740	
ART & MUSIC	15,250	
CAREER & TECHNOLOGY	18,720	
HEALTH & PHYSICAL EDUCATION	30,650	
MEDIA CENTER	11,475	
DINING & FOOD SERVICE	17,350	
MEDICAL	1,720	
ADMINISTRATION & GUIDANCE	8,658	
CUSTODIAL & MAINTENANCE	3,800	
OTHER - Andover TV	2,970	
SUB-TOTAL HIGH SCHOOL	222 222	
(not including Collins Center & Field House)	233,833	
Colline Center - Auditorium/Drama	Add/Reno - 23,570	

MSBA
Guidelines
90,880
19,130
9,775
18,720
26,840
11,775
14,650
1,510
6,658
3,050
0
202,988

Delta
6,620
6,610
5,475
0
3,810
-300
2,700
210
2,000
750
2,970
30,845

Collins Ce	enter - Auditorium/Drama
Field Hous	se

Add/Reno - 23,570
New - 28,950
New w/Aud - 20,000
Add/Reno - 28,300
New - 32,300
New w/Aud - 32,300

10,400)
0)

Add/Reno - 13,170
New - 18,550
New w/Aud - 9,600
Add/Reno - 28,300
New - 32,300
New w/Aud - 32,300

	28	5,	70	3
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72,315	Note:
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TOTAL HIGH SCHOOL - New Campus 2

213,388

40% is Field Hous

TOTAL HIGH SCHOOL - New - Campus 2 w Aud.

286,133	
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72,745 ~ 4% is Andover TV





ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
CORE ACADEMIC SPACES	97,500	90,880	6,620

Proposed Core Academic space exceeds the MSBA Space Summary template in order to be responsive to current programming. The additional square footage includes:

- three (3) larger than typical classrooms for program flexibility
- seven (7) program coordinators offices (for existing staff)
- three (3) science classrooms and prep rooms (to meet the program offerings)
- four (4) science storage spaces



ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
SPECIAL EDUCATION	25,740	19,130	6,610

Proposed Special Education space exceeds MSBA Space Summary template to be responsive to current programming, including:

- Bridge Program
- Excel Program
- Life Skills Program
- Vocational Program
- Sail Program
- Tier 3 Program
- Transitions Program
- Special Education classrooms
- Special Education offices coordinator, social workers, speech & language pathologists, reading specialists
- Unified PE space

District specific Special Education programs are reviewed/approved by Department of Elementary and Secondary Education at the end of Schematic Design. MSBA participates in all space increases from their guidelines that have been approved by DESE.



ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
ART & MUSIC	15,250	9,775	5,475

Proposed Art & Music space exceeds MSBA Space Summary template in order to be responsive to current programming. The additional square footage includes:

- two (2) art classroom/storage (to match the existing)
- a larger band room (larger than MSBA by 500 SF, and smaller than existing by 660 SF)
- a Black Box Theater/Studio Classroom at 2,500 SF

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
CAREER & TECHNOLOGY	18,720	18,720	0

Proposed Career and Technology space meets the MSBA Space Summary guideline.

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
HEALTH & PHYSICAL EDUCATION	30,650	26,840	3,810

Proposed Health & Physical Education space exceeds MSBA Space Summary template in order to be responsive to current programming. The additional square footage includes:

- team rooms
- training/equipment room
- PE Instructor's offices/showers
- coach/referee rooms/showers
- office for AD, Assist. AD and conferencing
- office for PE coordinator



ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
MEDIA CENTER	11,475	11,775	-300

Proposed Media Center space is slightly under the MSBA Space Summary template.

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
DINING & FOOD SERVICE	17,350	14,650	2,700

Proposed Dining & Food Service space exceeds the MSBA Space Summary template. The additional square footage includes:

- larger kitchen by 650 SF (this is smaller than existing by 1,560 SF)
- larger servery by 1,900 SF (required to meet the districts goals and improve existing conditions)
- district freezer storage

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
MEDICAL	1,720	1,510	210

Proposed Medical space exceeds the MSBA Space Summary template. The additional square footage includes:

- mothers' room
- medical storage



ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
ADMINISTRATION & GUIDANCE	8,658	6,658	2,000

Proposed Administration & Guidance space exceeds the MSBA Space Summary template. The additional square footage includes:

- seven (7) guidance offices (for a total of 17 offices to serve the students)
- one (1) career counselor's office
- one (1) student support space

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
CUSTODIAL & MAINTENANCE	3,800	3,050	750

Proposed Custodial & Maintenance space exceeds the MSBA Space Summary template. The additional square footage includes:

additional storage (for Senior Safari, Town voting equipment, etc.)

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
OTHER - Andover TV	2,970	0	2,970

Proposed Other space is intended for programs outside of the MSBA Space Summary template. The additional square footage includes space for Andover TV.



The Auditorium and Field House serve both educational and community needs.

ANDOVER HIGH SCHOOL	Proposed 4.1.2023	MSBA Guidelines	Delta
Collins Center - Auditorium/Drama	Add/Reno - 23,570 New - 28,950 New w/Aud - 20,000	10,400	Add/Reno - 13,170 New - 18,550 New w/Aud - 9,600

Whether at a renovated Collins Center or in a new auditorium, the proposed Auditorium/Drama space exceeds the MSBA Space Summary template. The additional square footage includes:

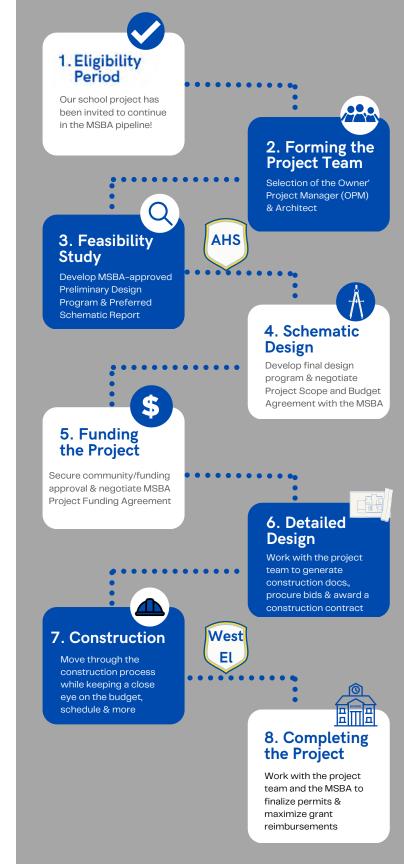
- larger auditorium (either as exists or for 1,000 seats, MSBA guideline is for 750 seats)
- larger stage (either as exists or as required for current programming)
- additional cast dressing rooms and green rooms (as required for current programming)
- scene shop (either as exists or as required for current programming)
- Director's Office
- Ticket Office

ANDOVER HIGH SCHOOL	Propos 4.1.20		Delta
Field House	Add/Reno - 2 New - 32,300 New w/Aud -	0	Add/Reno - 28,300 New - 32,300 New w/Aud - 32,300

The existing Field House and proposed additions are entirely outside of the MSBA Space Summary template. The MSBA does not include space for field houses.

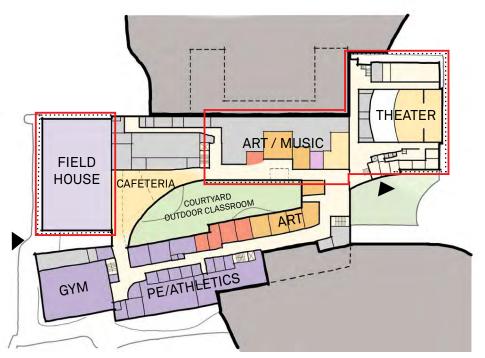
Following MSBA process

- Module 1: Eligibility Period February September 2022
 - Form Andover High School Building Committee
 - Demographic Studies & Design Enrollment
- Module 2 Forming the Project Team September October 2022
 - HMFH Architects re-selected as Project Designer
 - PMA Consultants selected as Owners Project Manager
- Module 3 Feasibility Study Begins October 2022 April 2023
 - Educational Visioning & Programming with faculty, students, Town Departments, stakeholders, community, etc.
 - Community Outreach (forums, tours, Town events, presentations, board meetings etc.)
 - 11 site approaches defined and presented to AHS Building Committee
 - 3 site approaches selected for continued exploration
 - Community tours of existing AHS, AHS Building Committee tours of Arlington High School and Danvers High School
 - Project update/presentation to Select Board
 - 2 site approaches selected for further exploration and pricing
 - Courtyard (Addition/Renovation)
 - Campus 2 & Campus 2 w/ New Theater (New Building)
 - Project update/presentation to Select Board
 - Project update/presentation to School Committee & School Committee vote to approve Educational Plan
 - Cost information presented to AHS Building Committee
 - AHS Building Committee votes to recommend preferred building option
 - School Committee and Select Board vote to approve building option
- Module 4 Schematic Design Begins May 2023

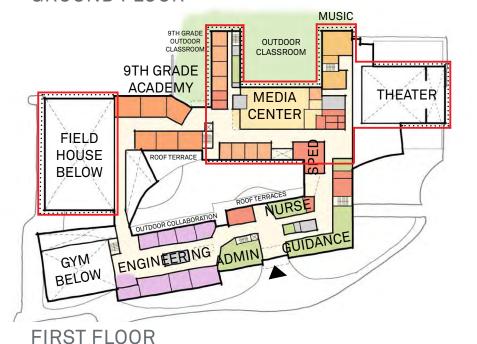


Add/reno - Courtyard - Floor plans



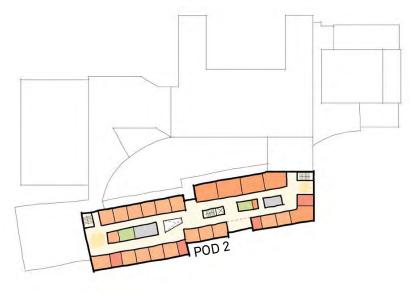


GROUND FLOOR

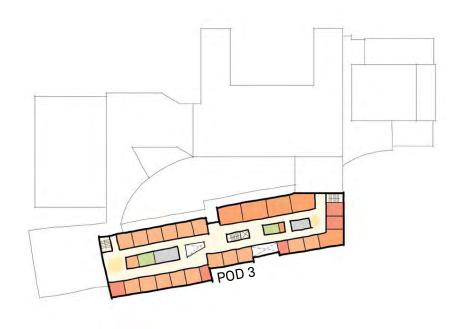


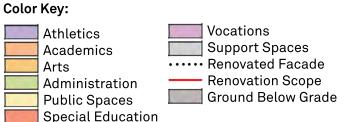
PDD 1

SECOND FLOOR



THIRD FLOOR





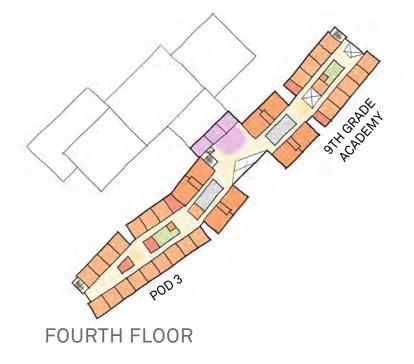
FOURTH FLOOR

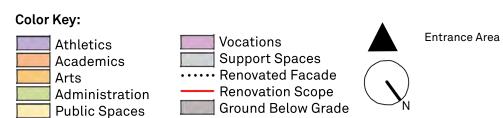
Entrance Area

New-Campus 2 - Floor plans









Special Education



New-Campus 2 + theater - Floor plans



Potential adds

	Add/Reno		New Campus 2 w/
	Courtyard	New- Campus 2	Aud
Sustainability Features:			
Add on-site photovoltaic			
On the ground	\$12,217,000	\$12,465,000	\$9,755,000
Power production:	1.8 megawatts	2.0 megawatts	1.6 megawatts
On the roof	\$8,691,000	\$6,592,000	\$7,491,000
Power production:	2.0 megawatts	1.6 megawatts	1.9 megawatts
Upgrade mechanical plant Air source heat pump	\$20,990,000	\$18,368,000	\$17,341,000
		ımp will increase utility incen	
	= :	osts by about \$45,000 - \$50,0	
Geothermal ground source	\$48,243,000	\$43,281,000	\$41,832,000
	Selecting geothermal will in	crease utility incentives by \$	5,160,000,
	and will reduce operating co	osts by about \$230,000 - \$25	0,000 annually.
Provide heavy timber structure	\$5,891,000	\$7,092,000	\$7,556,000
floors, beams and roofs at public areas			
Provide sustainable irrigation Provide rainwater harvesting system	\$1,321,000	\$1,207,000	\$1,187,000
OR	71,321,000	\$1,207,000	\$1,187,000
Provide groundwater wells	\$346,000	\$316,000	\$311,000
Provide porous pavement @ parking			
w/ Parking Garage OR	\$1,960,000	\$2,635,000	\$2,487,000
w/ all Surface Parking	\$6,918,000	\$6,429,000	\$6,320,000
Other site and building adds			
Provide new artificial turf field at plateau	\$2,710,000	\$2,477,000	\$2,435,000
Provide new skate park	\$5,241,000	\$4,791,000	\$4,710,000
Provide parking garage	\$43,422,000	\$42,612,000	\$43,060,000
Provide enclosed walkway	\$0	\$5,867,000	\$2,884,000
Provide sports lighting	\$5,660,000	\$5,174,000	\$5,086,000





Cost comparisons - recent construction

			CONSTRUCTIO	JN COST FER S	QUARL 1001
Andover HS Project	Approx. GMP Date	Construction Cost	Base Project \$/SF	Max Project w/out garage \$/SF	Max Project w/ garage \$/SF
7 that to the feet	Civii Bate	Ψ	Ψ/ Ο.	Ψ/ Ο.	Ψ/ 5.
Add/Reno - Courtyard	Dec-25	\$422,577,145	\$844	\$988	\$1,053
New - Campus	Dec-25	\$389,101,719	\$812	\$966	\$1,034
New - Campus w/Aud.	Dec-25	\$372,656,818	\$810	\$960	\$1,032

	GMP/ Bid		Construction	Escalated to
	Date OR		Cost	Dec-25
	Estimated			
Projects	Costs	Costruction \$	\$/SF	\$/SF
Bristol Plymouth Regional HS	Aug-23	\$240,885,538	\$574	\$628
Diman Regional HS	Feb-24	\$244,437,794	\$619	\$659
NE Metro VTHS	Dec-23	\$244,041,092	\$630	\$674
Nauset Regional HS	Oct-23	\$256,298,790	\$627	\$730
Arlington HS	Dec-20	\$234,069,813	\$573	\$768
Prouty HS	Nov-23	\$91,367,674	\$720	\$770
Watertown HS	Apr-23	\$144,091,401	\$720	\$804
Andover West Elementary	Dec-22	\$136,158,907	\$715	\$815
Wakefield memorial HS	Jun-24	\$224,237,739	\$863	\$902
Waltham HS	Dec-21	\$298,906,818	\$721	\$930
Nashoba Regional HS	Oct-25	\$183,965,304	\$912	\$939
Stoneham HS	Jan-23	\$176,247,188	\$868	\$990
Revere HS	Aug-24	\$416,993,562	\$961	\$1,002

The **construction cost per square foot** are based on gross floor area (GFA).

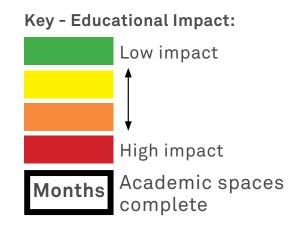
Gross floor area is the total square footage of a building including occupied spaces, corridors, mechanical rooms, toilet rooms, and wall thicknesses.

The construction cost per square foot of each project listed in this chart is escalated from its GMP/bid date to December 2025, the approximate GMP date for an Andover High School project. The estimates use the same rate assumptions for escalation as for the Andover HS cost analysis.

Andover HS: FS Comparative Phasing

DRAFT

Phasing details and durations are approximate, and will be reviewed and refined by the Construction Manager when they are engage by the town.

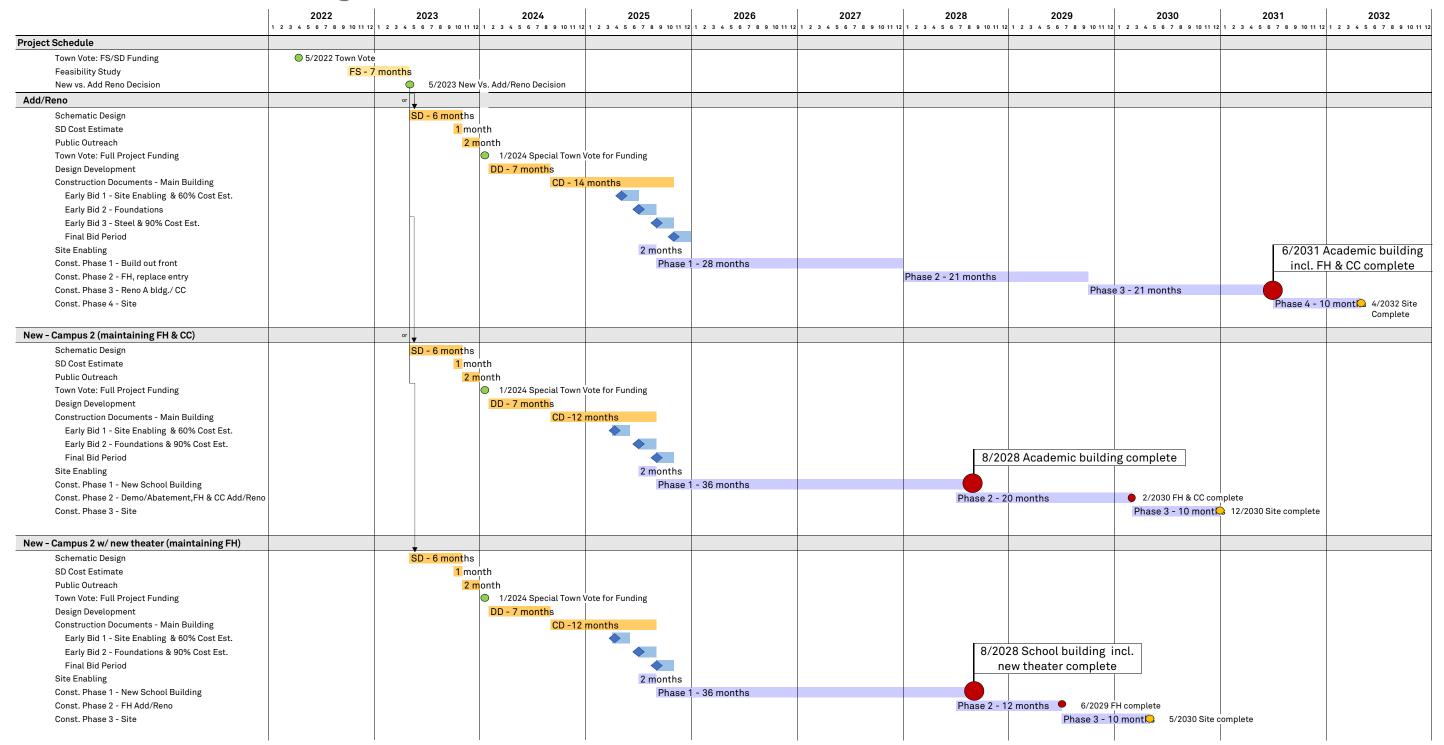


Add/Reno: Courtyard	Mo.	Tot	Educ. Impact
Site Enabling	2	2	
Phase 1: Build new in front	28	30	
Phase 2: Replace Entry Reno FH	21	51	
Phase 3: Reno A building & CC, add to connect	21	72	
Phase 4: Site	10	82	

New: Campus 2	Mo.	Tot.	Educ. Impact
Site Enabling	2	2	
Phase 1: Build new academic building	36	38	
Phase 2: Demo & Abate all Reno and Add to FH & CC	, 20	58	
Phase 3: Site	10	68	

New: Campus 2 w/theater	Mo.	Tot.	Educ. Impact
Site Enabling	2	2	
Phase 1: Build new academic building	36	38	
Phase 2: Demo & Abate all Reno and Add to FH	, 12	50	
Phase 3: Site	10	60	

Preliminary comparative schedules



Evaluation criteria



Andover High	School	Project	Goals
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Supports educational program & delivery
Enhances safety & security
Eliminates overcrowding
Accommodates enrollment growth
Improved physical environment
Improve site use & campus circulation

Andover High School Project Priorities

/RENO - COURTYARD	' surface parking
ADD/RENO	w/ surfa

EW - CAMPUS 2	/ Surface Parking
NEV	/w

N - CAMPUS 2	Surface Parking	uditorium
NEW -	w/ Sur	

EDUCATION/BUILDING:

•			
meets educational program requirements	1	1	1
efficient layout	0	1	2
provides needed program adjacencies	1	1	2
provides natural light to all teaching spaces	1	1	1
provides access to views	1	1	1
provides full access to all academic spaces	2	1	2
provides accomodations beyond MAAB/ADA requirements	2	2	2

BUILDING: construction impacts

i. construction impacts			
minimizes construction disturbance to HS educational delive	0	1	1
minimizes construction disturbance to MS educational delivery	1	1	1
minimizes construction disturbance to neighbors	1	1	1
minimize construction disturbance due to duration	0	1	1
minimize construction disturbance to parking	0	0	0
minimize construction disturbance to athletic fields	0	0	0

Evaluation criteria - continued



Andover High School Project Priorities	ADD/RENO - COURTYARD w/ surface parking	NEW - CAMPUS 2 w/ Surface Parking	NEW - CAMPUS 2 w/ Surface Parking & Auditorium
SITE: circulation			
provides clear pedestrian circulation	1	1	2
provides clear circulation/drop off/pick up	1	1	2
improves delivery/loading sequence	1	1	1
accommodates parking requirements	1	1	1
proximity of parking to Collins Center	0	1	1
SITE: sustainable			
enhances access to views - green space	1	1	1
maximizes green space	1	1	1
provides ideal solar orientation	0	1	1

Evaluation criteria - continued



Andover High School Project Priorities SITE: amenities	ADD/RENO - COURTYARD w/ surface parking	NEW - CAMPUS 2 w/ Surface Parking	NEW - CAMPUS 2 w/ Surface Parking & Auditorium
provides improved sports fields	1	1	1
meets site program quantity of sports fields	1	0	1
retains or provides tennis courts	1	1	1
provides outdoor learning spaces	1	1	1
SITE: adjacencies reuses Field House proximity to Field House reuses Collins Center proximity to Collins Center creates efficient site layout/building adjacencies	1 2 1 2 1	1 1 1 1	1 1 1 1 2
creates clear community use separation zones	0	1	1

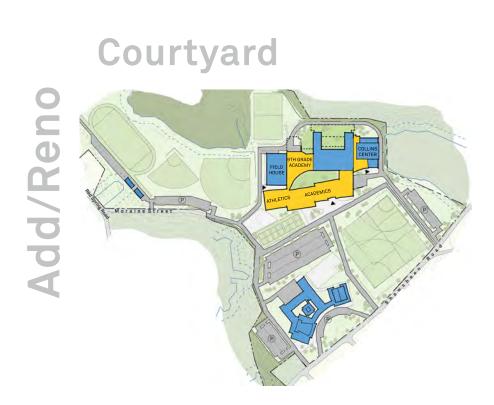
Evaluation criteria - continued



Andover High School Project Priorities	ADD/RENO - COURTYARD w/ surface parking	NEW - CAMPUS 2 w/ Surface Parking	NEW - CAMPUS 2 w/ Surface Parking & Auditorium
SITE: other			
creates street/civic presence	1	1	1
ease of future expansion	0	1	1
COST:	0	1	2
	\$422,577,145	\$389,101,719	\$372,656,818
TOTAL SCORE	28	32	40
KEY (RANKING/TALLY):			
0 = a negative, does not meet program	10	3	2
1 = meets the priority, not better or worse	20	30	24
2 = a plus, a betterment	4	1	8

Options - Courtyard





Pros:

Provides full access to all academic spaces
Provides accommodations beyond MAAB/ADA
Proximity to Field House
Proximity to Collins Center

Cons:

Least efficient layout
Most construction disruption to HS educational delivery
Most disruption due to construction duration
Construction disruption to parking and athletic fields
Least proximity of parking to Collins Center
Least ideal solar orientation
Less clear community use separation
Most difficult for future expansion
Most expensive option



Options - Campus 2







Pros:

Provides accommodations beyond MAAB/ADA

Cons:

Construction disruption to parking and athletic fields Does not meet the site program # of fields



lew Building

Options - Campus 2 w/ Auditorium



Campus 2 w/ Auditorium



Pros:

Maximizes desired program adjacencies
Provides full access to all academic spaces
Provides accommodations beyond MAAB/ADA
Provides clearest pedestrian site circulation
Provides clearest drop off/ pick up circulation
Creates most efficient site layout/building adjacencies
Least expensive

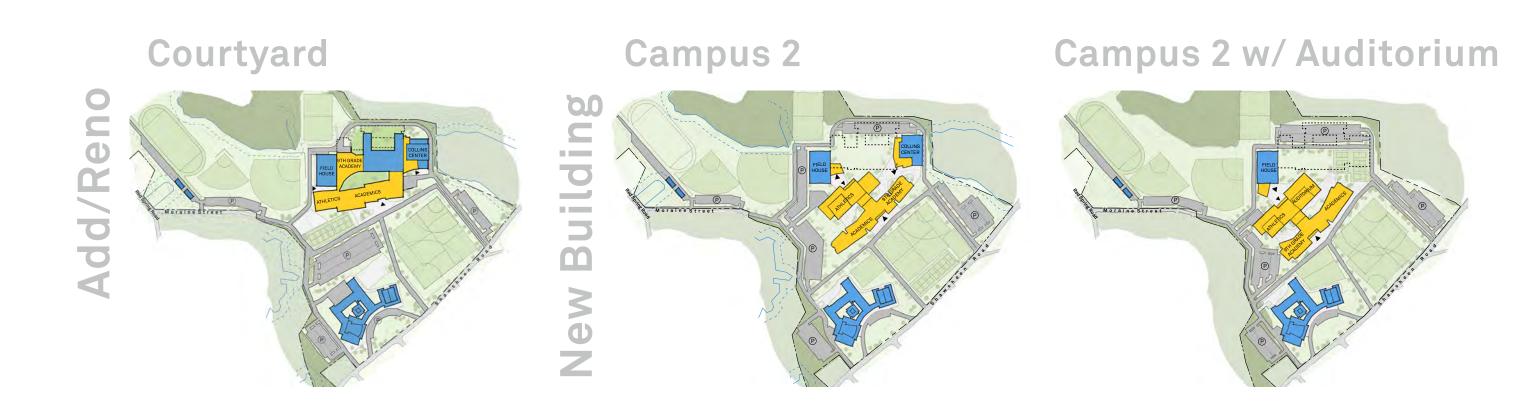
Cons:

Construction disruption to parking and athletic fields



Options





Surface parking or parking garage can be considered for any option







COME TO A COMMITTEE MEETING

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THANK YOU



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HMFH ARCHITECTS