December 14, 2021 Health, Safety and Modernization Improvement Program





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Please visit us on the web at www.garrisonarch.com



AGENDA

- School District Profile
- Haviland Avenue Elementary School
- Mansion Avenue Elementary School
- Audubon JR SR High School
- Cost Estimate Summaries
- Bond Referendum Schedule



School District Profile

The Audubon Public School District is a comprehensive community public school district that serves students in pre-kindergarten through twelfth grade from Audubon, in Camden County, New Jersey, United States.

As of the 2019-2020 school year, the district and its three schools had an enrollment of 1,492 students and 130.4 classroom teachers (on an FTE basis), for a student—teacher ratio of 10.6:1.

The district is classified by the New Jersey Department of Education as being in District Factor Group "DE", the fifth-highest of eight groupings. District Factor Groups organize districts statewide to allow comparison by common socioeconomic characteristics of the local districts. From lowest socioeconomic status to highest, the categories are A, B, CD, DE, FG, GH, I and J.

Students from Audubon Park attend the district's schools as part of a sending/receiving relationship established after Audubon Park closed its lone school in 1979. For grades 9-12, students from Mount Ephraim attend Audubon High School, as part of a sending/receiving relationship with the Mount Ephraim Public Schools.



Audubon Public Schools

Haviland Avenue Elementary School – K to Grade 2
Original Building 1914
Café/Library Addition 1995
Storage Room Addition 2006

Mansion Avenue Elementary School – Grades 3 - 6 Original Building 1969 Addition 1994

Audubon JR SR High School – Grades 7 - 12
Original Building 1926
B Wing and Gym Addition 1956
C Wing and Library Addition 1969
D Wing Aux Gym Addition 2006





			Unit	Cost
<u>ite</u>	Qty		Cost	Estimate
Relocate Playground - Replace Mulch with Mulch, New Equipment, Replace Railroad Ties along Walkway			Lump Sum	\$150,000
Asphalt Play Area - Drainage, New Slot Drain, Mill, Surface and Re-stripe	12,200	SF@	\$5	\$61,00
New Main Entrance Concrete Apron			Lump Sum	\$10,00
Basketball Equipment Replacement	1	@	\$25,000	\$25,00
Site Fencing Replacement 6'	200	LF@	\$10	\$2,00
			Subtotal	\$248,00
25% Soft Costs (A/E Fees,	Continge	ency, Cl	M, Legal, etc.)	\$62,00
		Es	timated Total	\$310,000
xterior Renovations				
Masonry Restoration - Brick Pointing (3 Corners), Caulking, Waterproofing and Move Flag Pole, etc.			Lump Sum	\$500,00
Roof Replacement Storage Room - Remove and Replace with New SBS System			Lump Sum	\$25,00
Exterior Stair/Handrail Replacement			Lump Sum	\$5,00
			Subtotal	\$530,00
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)				
		Es	timated Total	\$662,50



			Unit	Cost
erior Renovations	Qty		Cost	Estimate
Flooring - Remove Carpet Replace with VCT - Classrooms, etc.	10,000	SF@	\$3	\$30,000
Flooring - Replace Carpet - Main Office, etc.	1,000	SF@	\$7	\$7,000
Corridor, Classroom, Specialized Spaces Ceilings and New LED Lighting	33,800	SF@	\$10	\$338,000
Interior Door, Frame and Hardware Replacement	40	@	\$2,500	\$100,000
Bathroom Renovations - Replace Sinks and Toilets with PK Units in each Bathroom	8	@	\$1,500	\$12,000
Gymnasium Renovations - Replace Finishes - (Flooring, Lighting, etc.), and HC Lift			Lump Sum	\$50,000
Library Renovations - Finishes, Lighting, New Fixed/Moveable Furniture			Lump Sum	\$345,00
Art Room Renovations - Replace Sink Workstation, New Finishes, and Cabinets			Lump Sum	\$50,000
Hazardous Materials Abatement Allowance			Lump Sum	\$50,000
			Subtotal	\$982,00
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)				
		Es	timated Total	\$1,227,50



HAVILAND AVENUE ELEMENTARY SCHOOL

		Unit	Cost
Qty		Cost	Estimate
27	@	\$40,000	\$1,080,000
30	@	\$1,500	\$45,000
10	@	\$5,000	\$50,000
s 7	@	\$1,500	\$10,500
		Lump Sum	\$150,000
		Lump Sum	\$50,000
		Lump Sum	\$25,000
		Subtotal	\$1,410,500
s, Conting	ency, C	M, Legal, etc.)_	\$352,625
	Es	stimated Total	\$1,763,125
33,800	SF@	\$2	\$67,600
33,800	SF@	\$3	\$101,400
		Subtotal	\$169,000
s, Continge	ency, C	M, Legal, etc.) _	\$42,250
	Es	stimated Total	\$211,250
		Lump Sum	\$50,000
			_
		Subtotal	\$50,000
Continge	ncy, Cl	Subtotal _ _, Legal, etc.)	\$50,000 \$12,500
	27 30 10 s 7 s, Conting 33,800 33,800	27 @ 30 @ 10 @ 5 7 @ 5, Contingency, C Es 33,800 SF @ 33,800 SF @	27 @ \$40,000 30 @ \$1,500 10 @ \$5,000 s 7 @ \$1,500 Lump Sum Lump Sum Lump Sum Subtotal s, Contingency, CM, Legal, etc.) Estimated Total 33,800 SF @ \$2 33,800 SF @ \$3 Subtotal s, Contingency, CM, Legal, etc.) Estimated Total

GA ARCHITECTS



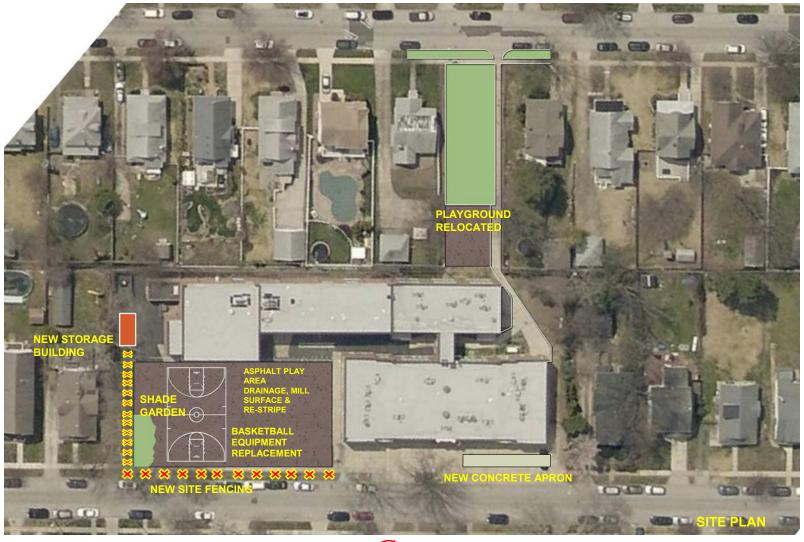
HAVILAND AVENUE ELEMENTARY SCHOOL

Haviland Avenue ES	Total Estimated Cost	Actual State Share	Local Share
Site Work	\$310,000	(\$124,000)	\$186,000
Exterior Renovations	\$662,500	(\$265,000)	\$397,500
Interior Renovations	\$1,227,500	(\$491,000)	\$736,500
HVAC Construction	\$1,763,125	(\$705,250)	\$1,057,875
Electrical Construction	\$211,250	(\$84,500)	\$126,750
New Construction	\$62,500	\$0	\$62,500
TOTAL	\$4,236,875	(\$1,669,750)	\$2,567,125
		39.41%	60.59%

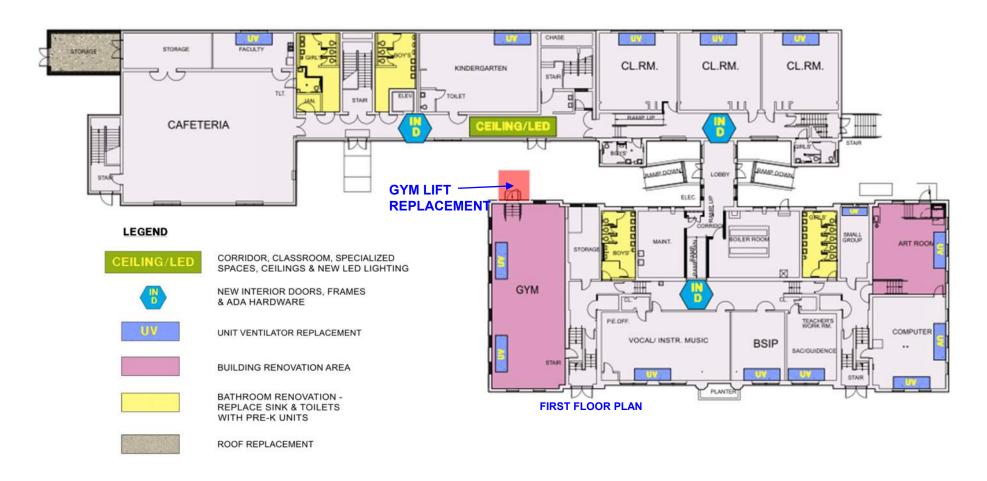
State Aid Calculations – Renovations @ 40% of Architects' Estimate of <u>Eligible</u> Projects – New Construction – <u>Eligible</u> SF @ \$143/SF @ 40%

No State Aid

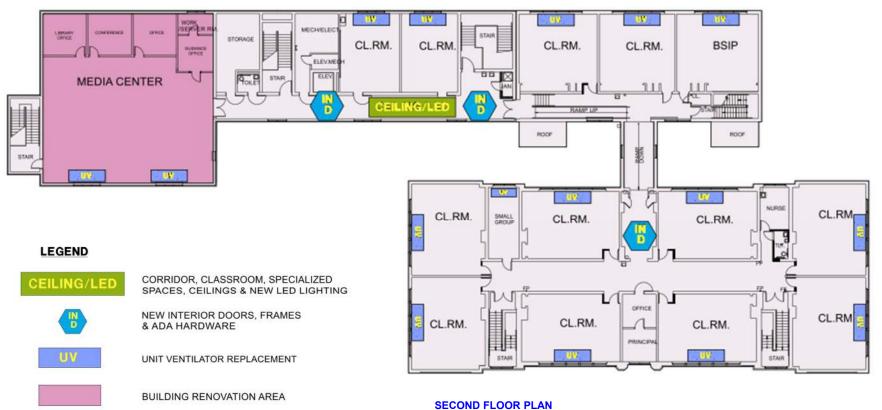














			Unit	Cost
<u>ite</u>	Qty		Cost	Estimate
Asphalt Play Area - Drainage, New Slot Drain, Mill, Surface and Re-stripe	19,800	SF@	\$5	\$99,000
Basketball Equipment Replacement	1	@	\$25,000	\$25,00
* Site Fencing - New 6' Fence		LF@	\$10	\$5,400
			Subtotal	\$129,40
25% Soft Costs (A/E Fees,	Continge	ency, CM	/l, Legal, etc.)_	\$32,35
xterior Renovations		Est	imated Total	\$161,75
Masonry Restoration - Brick Pointing, Caulking, Waterproofing and Move Flag Pole, etc.			Lump Sum	\$300,00
Roof Replacement - EPDM Roof - Remove, Replace SBS Garland Modified Roof - Restoration			Lump Sum	\$420,00
Front Entrance - New HC Ramp, and Steps with Handrails			Lump Sum	\$25,00
Exterior Stairs/Ramps Various Locations - New Handrails			Lump Sum	\$50,00
			Subtotal	\$795,00
25% Soft Costs (A/E Fees,	Continge	ency, CM	/l, Legal, etc.)	\$198,75
·	_	Est	imated Total	\$993,75



^{*} No State Aid



			Unit	Cost
nterior Renovations	Qty		Cost	Estimate
Flooring - Remove Carpet Replace with VCT - Classrooms, etc.	15,000	SF@	\$3	\$45,000
Flooring - Replace Carpet - Main Office, etc.	2,500	SF@	\$7	\$17,500
Corridor, Classroom, Specialized Spaces Ceilings and New LED Lighting	44,100	SF@	\$10	\$441,000
Interior Door, Frame and Hardware Replacement	50	@	\$2,500	\$125,000
Multipurpose Room Renovations - Paint, Pipe Coverage, and Sound System			Lump Sum	\$75,000
Library Renovations - Finishes, New Fixed/Movable Furniture			Lump Sum	\$155,000
Hazardous Materials Abatement Allowance			Lump Sum	\$50,000
			Subtotal	\$908,500
25% Soft Costs (A/E Fees,	Continge	ency, Cl	И, Legal, etc.)	\$227,125
		Es	timated Total	\$1,135,625



uilding Systems			Unit	Cost
HVAC Construction	Qty		Cost	Estimate
Unit Ventilator Replacement - Modify Shelving	31	@	\$40,000	\$1,240,000
Boilers Replacement, new Piping, Pumps, etc.			Lump Sum	\$350,000
Rooftop Exhaust Fan Replacement	30	@	\$1,500	\$45,000
Cabinet Heater Replacement	10	@	\$5,000	\$50,000
Domestic Hotwater Heater - Replace with Pumps			Lump Sum	\$50,000
Water Fountains - Replace with Electric Water Coolers and Bottle Fillers	2	@	\$1,500	\$3,000
DDC Controls - New BAS System, All Equipment (Lease Purchase)		_		
GC Allowance - Demo, Soffits, etc.			Lump Sum	\$150,000
			Subtotal	\$1,888,000
25% Soft Costs (A/E Fees,	Continge	ency, Cl	M, Legal, etc.)	\$472,000
		Es	timated Total	\$2,360,000
Electrical Construction				
PA, Bell, Telecommunications, CCTV, Door Access Upgrade	44,100	SF@	\$2	\$88,200
IT, Infrastructure, Technology Upgrades, etc.	44,100	SF@	\$3	\$132,300
<u> </u>			Subtotal	\$220,500
25% Soft Costs (A/E Fees,	Continge	ency, Cl	M, Legal, etc.)	\$55,125
•	J	•	timated Total	\$275,625



MANSION AVENUE ELEMENTARY SCHOOL

Mansion Avenue ES	Total Estimated	Actual	Local Share
Walision Avenue ES	Cost	State Share	Local Share
Site Work	\$161,750	(\$49,700)	\$112,050
Exterior Renovations	\$993,750	(\$397,500)	\$596,250
Interior Renovations	\$1,135,625	(\$454,250)	\$681,375
HVAC Construction	\$2,360,000	(\$944,000)	\$1,416,000
Electrical Construction	\$275,625	(\$110,250)	\$165,375
TOTAL	\$4,926,750	(\$1,955,700)	\$2,971,050
		39.70%	60.30%

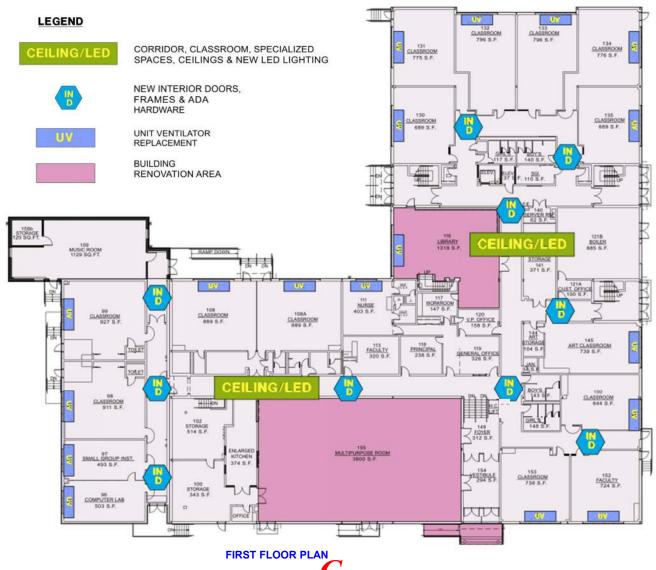
State Aid Calculations – Renovations @ 40% of Architects' Estimate of <u>Eligible</u> Projects – New Construction – Eligible SF @ \$143/SF @ 40%

** Some Work Not Eligible

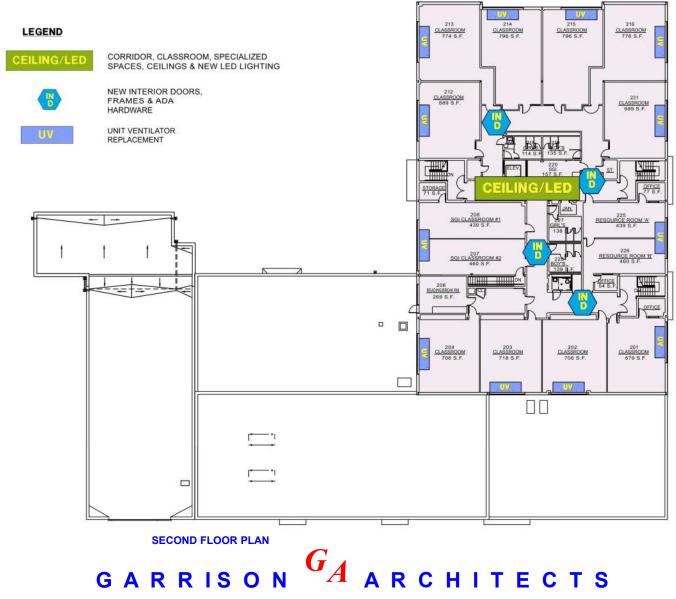




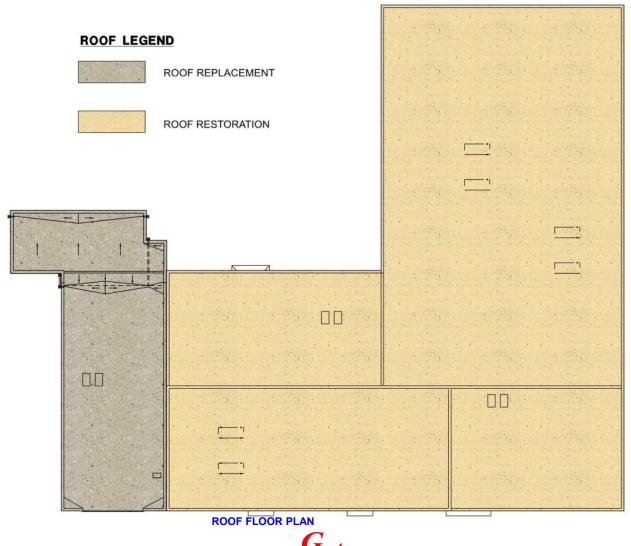














		Unit	Cost
<u>ite</u>	Qty	Cost	Estimate
Front Elevation Window Wells - New Waterproofing, Drainage to Side Street		Lump Sum	\$150,000
Retaining Wall - New CMU Block from Stadium to Corner		Lump Sum	\$50,000
		Subtotal	\$200,000
25% Soft Costs (A/E Fee	s, Contingency, Cl	M, Legal, etc.)_	\$50,000
	Es	timated Total	\$250,000
thletic Facilities *			
Tennis Court Resurfacing and Equipment		Lump Sum	\$400,000
Basketball Court Mill and Resurface Asphalt (Equipment to Remain)	12,114 SF @	\$5	\$60,570
Stadium Grandstands - Remove Coating, New Concrete Patching, Caulking, Perimeter Fencing, New Benches, and New Coatings		Lump Sum	\$400,000
		Subtotal	\$860,570
25% Soft Costs (A/E Fee	s, Contingency, Cl	M, Legal, etc.)	\$215,143
	Es	timated Total	\$1,075,713
xterior Renovations			. , ,
Masonry Restoration - Brick Pointing, Caulking, Waterproofing, etc.		Lump Sum	\$750,000
Roof Replacement - A Wing, Restoration B, C, D and 2004 Aux Gym and New Rising Metal Wall Panels in Select Areas		Lump Sum	\$1,950,000
Front Entrance Granite Steps (3) Sets and Handrail Replacements		Lump Sum	\$250,000
		Subtotal	\$2,950,000
25% Soft Costs (A/E Fee	s, Contingency, Cl	M, Legal, etc.)	\$737,500
	Es	timated Total	\$3,687,500

^{*} Some Work Not Eligible





			Unit	Cost
erior Renovations	Qty		Cost	Estimate
Flooring - Remove Carpet Replace with VCT - Classrooms, etc.	50,000	SF@	\$3	\$150,0
Flooring - Replace Carpet - Main Office, Business Office, etc.	15,000	SF@	\$7	\$105,0
Corridor, Classroom Specialized Spaces except Gym, Auditorium and Locker Room Ceilings and New LED Lighting	100,000	SF@	\$10	\$1,000,0
Interior Door, Frame, and Hardware Replacement	100	@	\$2,500	\$250,0
Bathroom Renovations - Finishes, Fixtures, etc.	6	@	\$100,000	\$600,0
Cafeteria Renovations - New Finishes, Tables, Ceiling Changes, HVAC, etc.			Lump Sum	\$500,0
Boys and Girls PE Locker Rooms and Team Locker Room Renovations - Finishes, Lockers, HVAC, etc.	4	@	\$100,000	\$400,0
Wood Shop Renovation - Finishes, Exhaust System, etc.			Lump Sum	\$200,0
Wrestling Room - New Floor/Wall Padding and Finishes			Lump Sum	\$100,0
Auxiliary Gymnasium - HVAC Duct and Interior Painting, Replace Floor			Lump Sum	\$500,0
Gymnasium (Main) - New Bleachers, Lighting, Sound System, and Wood Floor			Lump Sum	\$400,0
Library - Reconfigure and Renovate - STEAM Area in Adjacent Classroom, Furniture, Finishes, HVAC, etc.			Lump Sum	\$500,0
Art Room Renovation - Furniture, Finishes, Kiln, Kiln Exhaust System, Casework, etc.			Lump Sum	\$156,4
Hazardous Materials Abatement Allowance			Lump Sum	\$100,0
			Subtotal	\$4,961,4
25% Soft Costs (A/E Fees	s, Conting	ency, Cl	M, Legal, etc.)	\$1,240,3
		Es	timated Total	\$6,201,8



7 26 21	@	Cost Lump Sum \$35,000	\$100,000
26		·	<u> </u>
26		·	<u> </u>
26		\$35,000	
	@		\$245,000
21		\$45,000	\$1,170,000
	@	\$32,500	\$682,500
		Lump Sum	\$900,000
28	@	\$5,000	\$140,000
		Lump Sum	\$150,000
		Lump Sum	\$240,000
34	@	\$4,500	\$153,000
		Lump Sum	\$25,000
		Lump Sum	\$100,000
			\$75,000
		Lump Sum	\$200,000
		Lump Sum	\$300,000
2	@	\$50,000	\$100,000
		Subtotal	\$4,580,500
Continge	ency, Cl	√l, Legal, etc.) _	\$1,145,125
	Es	timated Total	\$5,725,625
173,000	SF@	\$2	\$346,000
173,000	SF@	\$3	\$519,000
2	@	\$250,000	\$500,000
		Subtotal	\$1,365,000
_	-	- · · -	\$341,250
	Es	timated Total	\$1,706,250
ніт	EC	TS	
1	28 34 2 Continge 173,000 173,000 2 Continge	21 @ 28 @ 34 @ Contingency, CN Est 173,000 SF @ 173,000 SF @ 2 @ Contingency, CN	21 @ \$32,500 Lump Sum 28 @ \$5,000 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum 2 @ \$50,000 Subtotal Contingency, CM, Legal, etc.) Estimated Total 173,000 SF @ \$2 173,000 SF @ \$3 2 @ \$250,000



AUDUBON JR SR HIGH SCHOOL

	Auduban IB/SB High	Total Estimated	Actual	Local Share
	Audubon JR/SR High	Cost	State Share	Local Share
	Site Work	\$250,000	(\$100,000)	\$150,000
**	Athletic Facilities	\$1,075,713	(\$274,800)	\$800,913
	Exterior Renovations	\$3,687,500	(\$1,475,000)	\$2,212,500
	Interior Renovations	\$6,201,838	(\$2,480,735)	\$3,721,103
	HVAC Construction	\$5,725,625	(\$2,290,250)	\$3,435,375
	Electrical Construction	\$1,706,250	(\$682,500)	\$1,023,750
	TOTAL	\$18,646,926	(\$7,303,285)	\$11,343,641
			39.17%	60.83%

State Aid Calculations – Renovations @ 40% of Architects' Estimate of <u>Eligible</u> Projects – New Construction – <u>Eligible</u> SF @ \$143/SF @ 40%

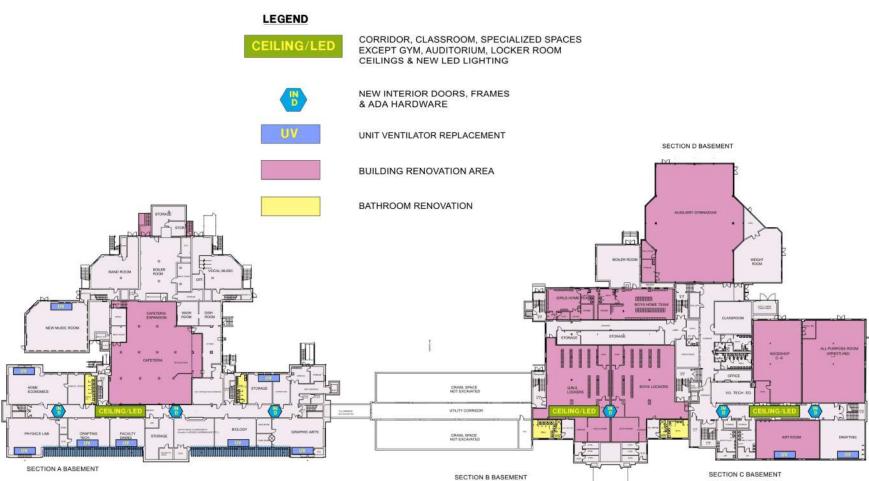
** Some Work Not Eligible







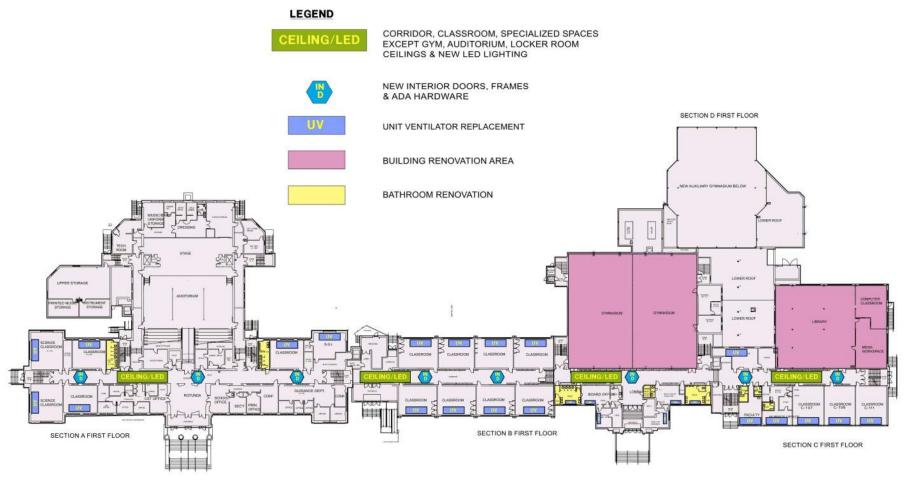
AUDUBON JR SR HIGH SCHOOL



BASEMENT FLOOR PLAN

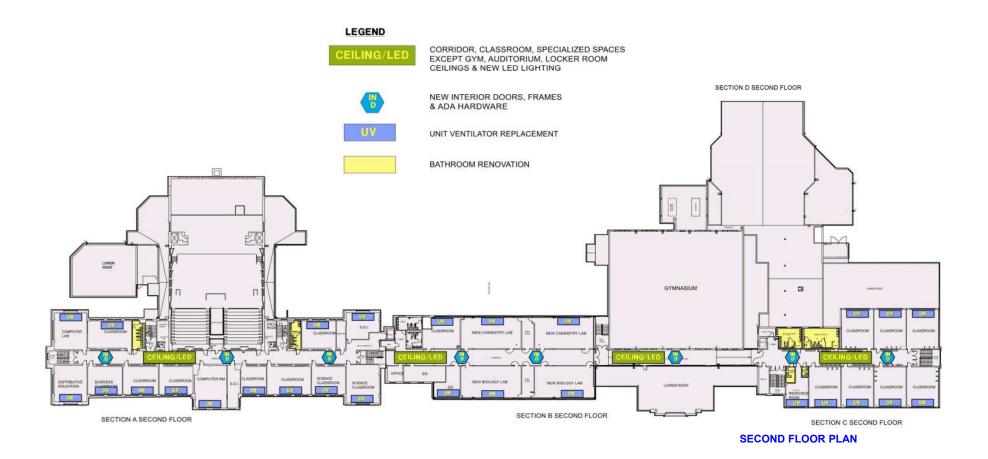


AUDUBON JR SR HIGH SCHOOL



FIRST FLOOR PLAN

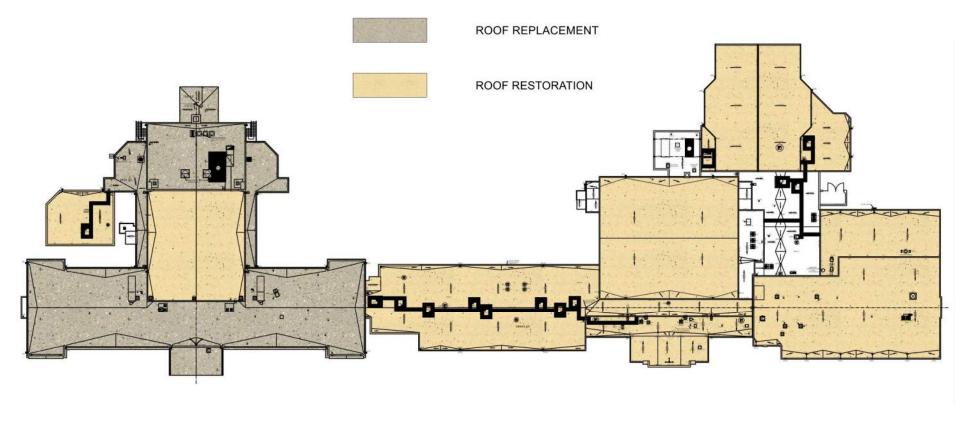






AUDUBON JR SR HIGH SCHOOL

ROOF LEGEND



ROOF PLAN





COST SUMMARY

	Total Estimated	Actual	Local Share	
	Cost	State Share	Local Share	
Haviland Avenue ES	\$4,236,875	(\$1,669,750)	\$2,567,125	
Mansion Avenue ES	\$4,926,750	(\$1,955,700)	\$2,971,050	
JR/SR High School	\$18,646,926	(\$7,303,285)	\$11,343,641	
* TOTAL	\$27,810,551	(\$10,928,735)	\$16,881,816	
		39.30%	60.70%	

Bond Borrowing

\$26,810,551

(\$10,928,735)

\$15,881,816

State Aid Calculations – Renovations @ 40% of Architects' Estimate of <u>Eligible</u> Projects – New Construction – <u>Eligible</u> SF @ \$143/SF @ 40%

* ESSER II & ARP Federal Relief = (\$1,000,000)

Tax Impact Per Year on Total \$26.8 M *	Average Assessed Home
\$280.91	\$ 202,294

Tax Impact based on 2.85% over 25 years as calculated by the District's financial advisor. (State Aid has been reduced by 15% to reflect the reduction in aid imposed by the State for the last several years.) (State Aid conservatively calculated at 33.40%)



PROPOSED BOND REFERENDUM SCHEDULE

		Resp	onsible	Party		Bond Referendum Date
Event	Architect	School District	Bond Counsel	Other	Minimal Critical Timing	
Building Program/Scope Schematic Design Update LRFP	•	•				August 2019 - May 2020
Architect submits to NJ DOE	•				N/A	June 2020
LRFP Revise and Resubmit	•				N/A	June 2020
NJDOE Issues PEC Offer	•	•	•		N/A	May 2020
NJDOE issues FEC					N/A	August 2020
Board Approves Special Election		•			Actual	October 20, 2021
Filing of Supplemental Debt Statement				Auditor	Actual	October 21, 2021
Co-Muni Clerk, Board of Elections Notice		•			Actual	October 21, 2021
Publication of Vote by Mail Notices			•	Clerk	50 days	October 25, 2021
Certified Proposal (Questions) Statement to County Clerk		•	•		21 Days	November 23, 2021
Publication and Posting of Notice of Special Election			•	Board of Elections	10 Days	December 4, 2021
Furnishing of Sample Ballots			•	Clerk	8 Days	December 6, 2021
Obtain Certification of Grade Level Instruction			•		1 Day	December 13, 2021
Special Election				Board of Elections		December 14, 2021