Cherry Hill
PUBLIC SCHOOLS

Proposed Bond Referendum October 6, 2022 Presentation

GARRISON ARCHITECTS
713 Creek Road
Bellmawr, NJ 08031
Telephone (856) 396-6200
Facsimile (856) 396-6205
Please visit us on the web at www.garrisonarch.com

AGENDA

1. Cherry Hill High School West
2. Cost Estimate Summaries
3. Pie Chart
4. Bond Referendum Schedule

CHERRY HILL SCHOOL DISTRICT

CHERRY HILL HIGH SCHOOL WEST

298,178 SF 1956, 1964, 1987, 1995, 2000, 2019

	Qty	Unit Cost	Cost Estimate
Site			
Additional Site Improvements - ADA Compliance, Site Drainage, Paving, Signage, etc. (District Consultant)		Lump Sum	$1,300,000
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			$325,000
		Estimated Total	$1,625,000
Athletic Facilities			
ADA Access to Stadium, New Pedestrian Lighting		Lump Sum	$400,000
		Subtotal	$400,000
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			$100,000
		Estimated Total	$500,000
Exterior Renovations			
Roof Replacement A, B, C, H Wings, Cafeteria, New Auditorium - Remove to Deck, New Insulation, Modified Roof System	109,628 SF @	$35	$3,836,980
Exterior Door, Hardware, Frame Replacement	20 @	$10,000	$200,000
Curtainwall/Masonry Repairs - Structural Settlement, Window Lintels, Coating EIFS Repairs, Caulking, etc.		Lump Sum	$5,000,000
Exterior Window Replacement/Plexiglass (Select Areas)		Lump Sum	$4,000,000
New Auditorium Façade Repairs - Remove Metal Panels, Repair Studs, Replace Sheathing, New Membrane, Reinstall Panels		Lump Sum	$1,400,000
		Subtotal	$14,436,980
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			$3,609,245
		Estimated Total	$18,046,225

CHERRY HILL SCHOOL DISTRICT

CHERRY HILL HIGH SCHOOL WEST

298,178 SF 1956, 1964, 1987, 1995, 2000, 2019

Interior Renovations

Classroom Flooring - New VCT Flooring & Base, Ceilings and Painting	72,000	SF @	$25	$1,800,000
Corridor Ceiling Replacement and Painting Walls	44,000	SF @	$20	$880,000
New Interior Fire-Rated Doors, Frames, Closers, ADA Modifications, Intruder Hardware	500	@	$2,500	$1,250,000
Teacher's Lounges - Replace Finishes, Sink, Cabinets, Stove and Refrigerator	2	@	$100,000	$200,000
New ADA Compliant Interior Signage	298,178	SF @	$1	$298,178
Elevator Modernization			Lump Sum	$100,000
Replace Hallway Lockers	1,500	units @	$350	$525,000
Hazardous Materials Abatement - VAT, Pipe Insulation, etc. (District Consultant)			Lump Sum	$750,000

Interior Renovations - Specialized Spaces

Science Labs (D and E Wings) - Finishes, Casework, etc.			Lump Sum	$900,000
Wood Shop, Culinary Art, Art, Photography, Ceramics, Shop West (A Wing)	6	@	$250,000	$1,500,000
Auditorium Renovations (including Control Booth) - Finishes, New Ceilings, HVAC, Theater Equipment, Seating, etc. (Dance Studio)			Lump Sum	$3,000,000
Library Renovations - Finishes, Furniture, etc.	5,750	SF @	$200	$1,150,000
Gymnasium (2) Renovations - Finishes, Bleachers, HVAC, Lighting, and Flooring, etc.			Lump Sum	$2,500,000
Lower Level Locker/Team Rooms/Weight Room - Finishes, HVAC, Lighting, etc.	10,400	SF @	$200	$2,080,000
			Subtotal	**$16,933,178**
			25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	**$4,233,295**
			Estimated Total	**$21,166,473**

CHERRY HILL SCHOOL DISTRICT

CHERRY HILL HIGH SCHOOL WEST

298,178 SF 1956, 1964, 1987, 1995, 2000, 2019

Building Systems	Qty	Unit Cost	Cost Estimate
HVAC Construction			
New Unit Ventilators - Remove Existing Perimeter Units, New Unit Ventilators with New Air Conditioning, New Perimeter Hot Water Radiation, Book Shelving, etc.		Lump Sum	$9,575,200
Boiler - Remove and Replace Existing Boiler System		Lump Sum	$1,500,000
Exhaust Fans - Replace Rooftop Units	150 @	$2,500	$375,000
Replacement of the Pneumatic Energy Management System with New DDC Electronic Controls	298,178 SF @	$6.00	$1,789,068
New Cooling Tower		Lump Sum	$500,000
		Subtotal	$13,739,268
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	$3,434,817
		Estimated Total	$17,174,085
Electrical Construction			
Security System - Door Access Controls/CCTV/Expansion		Lump Sum	$587,303
Replace PA System, Clock System and Technology		Lump Sum	$561,654
Classroom Lighting	72,000 @	$10	$720,000
Power/Lighting Branch/HVAC Panel Upgrades		Lump Sum	$1,000,000
Fire Alarm System - Upgrade to include Audible Alarms, ADA Compliant		Lump Sum	$500,000
New Emergency Generator - Gas Fuel Source		Lump Sum	$500,000
Upgrade Main Electrical Service - A/C		Lump Sum	$500,000
		Subtotal	$4,368,957
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	$1,092,239
		Estimated Total	$5,461,196

New Construction		
Elevator Addition - ADA Access (3-Story E-Wing)	Lump Sum	$500,000
	25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	$125,000
	Estimated Total	$625,000

CHERRY HILL SCHOOL DISTRICT

CHERRY HILL HIGH SCHOOL WEST

298,178 SF 1956, 1964, 1987, 1995, 2000, 2019

	Total Estimated Cost	ACTUAL State Share	Local Share
Site Work	$1,625,000	($650,000)	$975,000
Athletic Facilities	$500,000	($200,000)	$300,000
Exterior Renovations	$18,046,225	($7,218,490)	$10,827,735
Interior Renovations	$21,166,473	($8,466,589)	$12,699,884
HVAC Construction	$17,174,085	($6,869,634)	$10,304,451
Electrical Construction	$5,461,196	($2,184,478)	$3,276,718
New Construction - Elevator	$625,000	$0	$625,000
Total	$64,597,979	($25,589,191)	$39,008,788
		40%	60%

Renovations = Architect's estimate of eligible projects @ 40% State Aid
New Construction – Eligible Square Footage x $143/SF @ 40% State Aid

CHERRY HILL SCHOOL DISTRICT

CHERRY HILL HIGH SCHOOL WEST

298,178 SF 1956, 1964, 1987, 1995, 2000, 2019

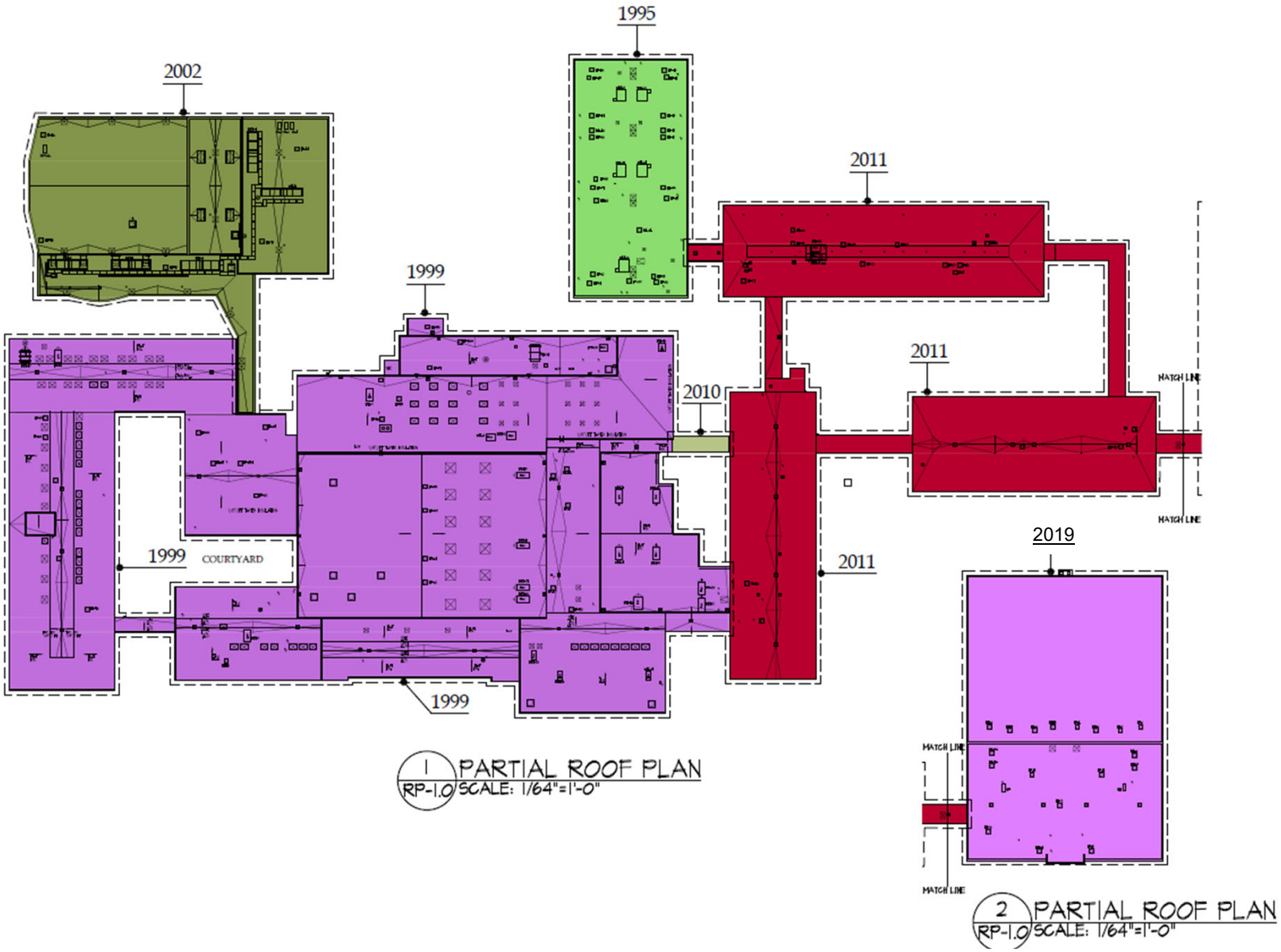
GARRISON GA ARCHITECTS

ENVIRONMENTAL RESOLUTIONS, INC.
Engineers • Planners • Scientists • Surveyors

CHERRY HILL SCHOOL DISTRICT

CHERRY HILL HIGH SCHOOL WEST

298,178 SF 1956, 1964, 1987, 1995, 2000, 2019



GARRISON GA ARCHITECTS

CHERRY HILL SCHOOL DISTRICT

COST SUMMARIES

	Total Estimated Cost	ACTUAL State Share	Local Share
Estelle V. Malberg Early Childhood Center	$6,148,290	($2,459,316)	$3,688,974
Clara Barton Elementary School	$13,486,187	($4,233,120)	$9,253,067
J.F. Cooper Elementary School	$7,496,163	($2,998,465)	$4,497,698
Bret Harte Elementary School	$10,041,096	($3,688,679)	$6,352,417
James Johnson Elementary School	$12,629,734	($3,931,026)	$8,698,708
Joyce Kilmer Elementary School	$9,907,505	($3,963,001)	$5,944,504
Kingston Elementary School	$15,612,333	($5,016,279)	$10,596,054
A. Russell Knight Elementary School	$12,238,820	($3,414,714)	$8,824,106
Horace Mann Elementary School	$11,845,713	($3,539,081)	$8,306,632
Thomas Paine Elementary School	$7,050,232	($2,820,093)	$4,230,139
Joseph D. Sharp Elementary School	$12,873,286	($3,713,853)	$9,159,433
Richard Stockton Elementary School	$8,826,581	($3,307,799)	$5,518,782
Woodcrest Elementary School	$9,649,813	($3,859,925)	$5,789,888
Henry C. Beck Middle School	$19,178,513	($7,671,405)	$11,507,108
John A. Carusi Middle School	$37,300,040	($14,170,015)	$23,130,025
Rosa International Middle School	$16,816,287	($5,367,779)	$11,448,508
Cherry Hill High School East	$88,189,000	($30,644,738)	$57,544,262
Cherry Hill High School West	$64,597,979	($25,589,191)	$39,008,788
Arthur Lewis Alternative HS & Admin Building	$6,556,357	($2,622,544)	$3,933,813
TOTAL	$370,443,929	($133,011,023)	$237,432,906
		35.91%	64.09%
ESSER/ARP FUNDS	($6,269,829)		
NJSDA FUNDS - 2022 HVAC	($263,000)		
	$363,911,100	($133,011,023)	$230,900,077
		36.55%	63.45%
	*actual at 85%	31.07%	

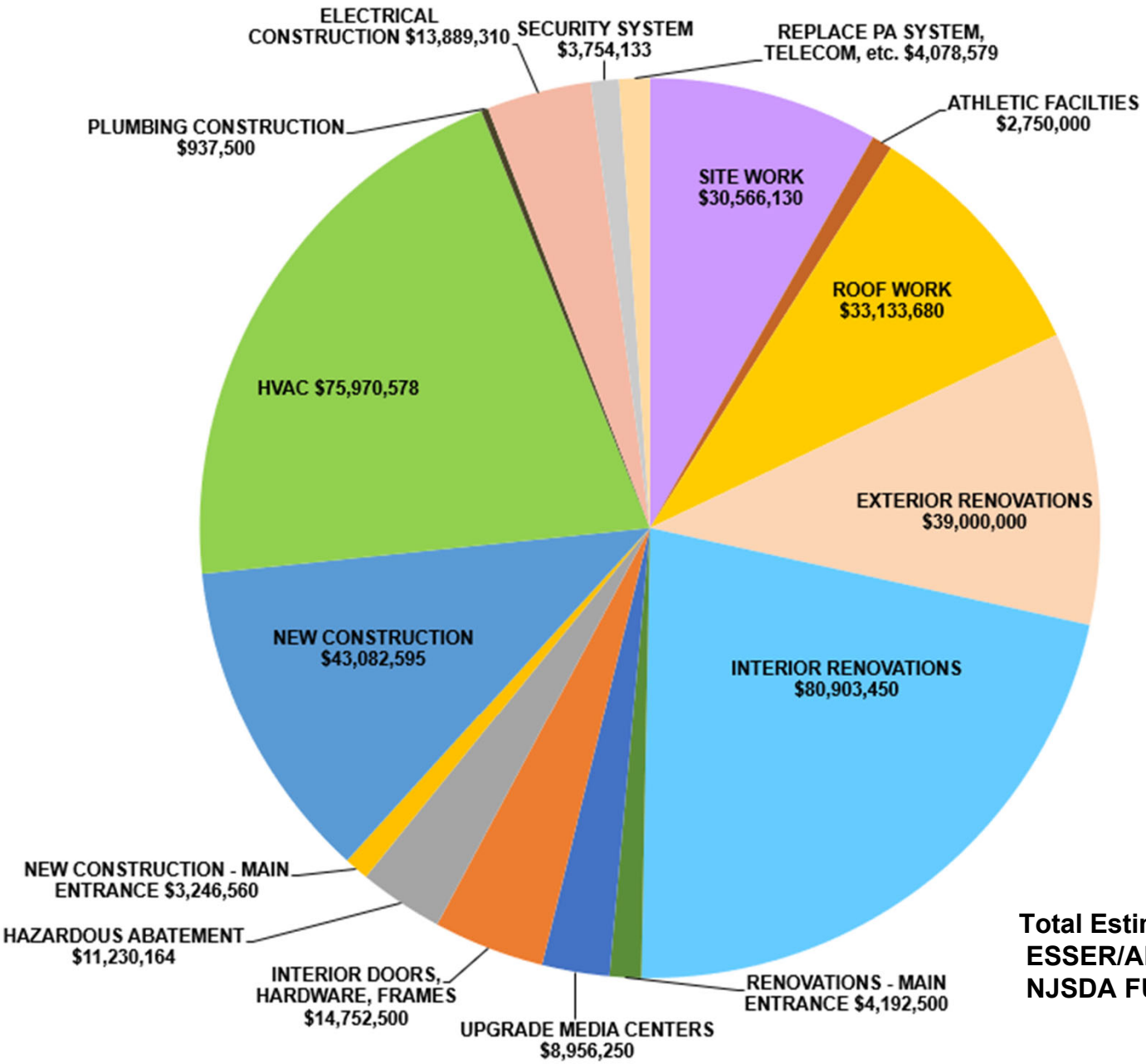
Tax Impact Per Year on $ 363.9 M Total Cost with $4 M Capital Contribution	Average Assessed Home
$399.65	$225,473

Renovations = Architect's estimate of eligible projects @ 40% State Aid
New Construction – Eligible Square Footage x $143/SF @ 40% State Aid

Tax Impact based on 4% over 20 years as calculated by the District's financial advisor.

GARRISON ARCHITECTS

CHERRY HILL SCHOOL DISTRICT



Total Estimated Cost: $370,443,929
ESSER/ARP FUNDS: ($6,269,829)
NJSDA FUNDS: ($263,000)

TOTAL: $363,911,100

GARRISON GA ARCHITECTS

Bond Referendum Proposed Schedule

Event	Responsible Party				Minimal Critical Timing	Bond Referendum Date
	Architect	School District	Bond Counsel	Other		
Building Program/Scope Schematic Design Update LRFP	● ● ●	● ● ●				2020 - 2022
Architect submits to NJ DOE	●				N/A	January 2022
LRFP Revise and Resubmit	●				N/A	January 2022
NJDOE Issues PEC Offer	●	●	●		N/A	March 31, 2022
NJDOE issues FEC					N/A	April 30, 2022
Board Approves Special Election		●			60 Days	August 7, 2022
Filing of Supplemental Debt Statement				Auditor	60 Days	August 7, 2022
Co-Muni Clerk, Board of Elections Notice		●			60 Days	August 7, 2022
Planning Board Submission/Meeting	●	●			55 days	August 12, 2022
Publication of Vote by Mail Notices			●	Clerk	50 days	August 17, 2022
Certified Proposal (Questions) Statement to County Clerk		●	●		21 Days	Sept. 15, 2022
Publication and Posting of Notice of Special Election			●	Board of Elections	10 Days	Sept. 26, 2022
Furnishing of Sample Ballots			●	Clerk	8 Days	Sept. 28, 2022
Obtain Certification of Grade Level Instruction			●		1 Day	October 5, 2022
Special Election				Board of Elections		October 6, 2022