Cherry Hill
PUBLIC SCHOOLS

Proposed Bond Referendum October 6, 2022 Presentation

GARRISON ARCHITECTS
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AGENDA

1. A. Russell Knight Elementary School
2. Cost Estimate Summaries
3. Pie Chart
4. Bond Referendum Schedule

CHERRY HILL SCHOOL DISTRICT

A. RUSSELL KNIGHT ELEMENTARY SCHOOL

42,938 SF 1964, 1995, 2000

	Qty	Unit Cost	Cost Estimate
Site			
Site Improvements - ADA Compliance, Site Drainage, Paving, Signage, etc., Playground Enhancements/Replacement Existing Front Ramp/Stair(s) (District Consultant)		Lump Sum	$1,175,492
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			$293,873
		Estimated Total	$1,469,365
Exterior Renovations			
Roof Restoration (1995/2000 Addition) - Fully Reinforced Urethane Coating 20-Year Warranty	9,038 SF @	$15	$135,570
Exterior Door, Hardware, Frame Replacement	6 @	$10,000	$60,000
Masonry Repairs - Brick Pointing, Window Lintels, Windows, Caulking, etc.		Lump Sum	$375,000
		Subtotal	$570,570
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			$142,643
		Estimated Total	$713,213
Interior Renovations			
Guidance and Nurses Suite Reconfiguration	1,350 SF @	$200	$270,000
Classroom Flooring - New VCT Flooring & Base and Painting	15,500 SF @	$12	$186,000
Corridor Ceiling Replacement and Painting Walls	5,550 SF @	$20	$111,000
Classroom Folding Wall Partition - Replace with Metal Studs and Drywall	1 @	$5,000	$5,000
New Interior Fire-Rated Doors, Frames, Closers, ADA Modifications, Intruder Hardware	101 @	$4,000	$404,000
Renovate Unisex Staff & Classroom Toilet Rooms - Finishes, Fixtures, ADA Compliance	6 @	$50,000	$300,000
Teacher's Room - Replace Finishes, Sink, Cabinets, Stove and Refrigerator		Lump Sum	$50,000
Library - Replace Finishes, Lights, etc.		Lump Sum	$175,000
New ADA Compliant Interior Signage	42,938 SF @	$1	$42,938
All Purpose Room - Demolish Stage, Replace Finishes, New Ceilings, Expand Warmup Kitchen		Lump Sum	$250,000
Hazardous Materials Abatement - VAT, Pipe Insulation, etc. (District Consultant)		Lump Sum	$250,000
		Subtotal	$2,043,938
25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)			$510,985
		Estimated Total	$2,554,923

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Building Systems	Qty	Unit Cost	Cost Estimate
HVAC Construction			
Replace Existing Boilers, Controls, Pumps, Valves, etc. in the 2000 Section	2 @	$50,000	$100,000
New Unit Ventilators - Remove Existing Perimeter Units, New Unit Ventilators with New Air Conditioning (APR), New Perimeter Hot Water Radiation, Book Shelving, etc.		Lump Sum	$1,005,400
Exhaust Fans - Replace Rooftop Units	11 @	$2,500	$27,500
HVAC Replacement (7) Split Systems		Lump Sum	$120,000
Replacement of the Pneumatic Energy Management System with New DDC Electronic Controls	42,938 SF @	$6.00	$257,628
		Subtotal	$1,510,528
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	$377,632
		Estimated Total	$1,888,160
Electrical Construction			
Security System - Door Access Controls/CCTV/Expansion		Lump Sum	$75,938
Replace PA System, Clock System and Technology		Lump Sum	$84,839
Power/Lighting Branch/HVAC Panel Upgrades	4 @	$25,000	$100,000
		Subtotal	$260,777
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	$65,194
		Estimated Total	$325,971
New Construction			
New All-Purpose Room, Stage, Storage, etc.	9,700 SF @	$350	$3,395,000
Main Entrance Addition	1,385 SF @	$350	$484,750
Elevator		Lump Sum	$350,000
		Subtotal	$4,229,750
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	$1,057,438
		Estimated Total	$5,287,188

CHERRY HILL SCHOOL DISTRICT

A. RUSSELL KNIGHT ELEMENTARY SCHOOL

42,938 SF 1964, 1995, 2000

	Total Estimated Cost	ACTUAL State Share	Local Share
Site Work	$1,469,365	($587,746)	$881,619
Exterior Renovations	$713,213	($285,285)	$427,928
Interior Renovations	$2,554,923	($1,021,969)	$1,532,954
HVAC Construction	$1,888,160	($755,264)	$1,132,896
Electrical Construction	$325,971	($130,388)	$195,583
New Construction - All Purpose Rm, Main Entrance, Elevator	$5,287,188	($634,062)	$4,653,126
Total	$12,238,820	($3,414,714)	$8,824,106
		28%	72%

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

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A. RUSSELL KNIGHT ELEMENTARY SCHOOL

42,938 SF 1964, 1995, 2000

Site Improvements - ADA Compliance, Site Drainage, Paving, Signage, etc., Playground Enhancements/Replacement (District Consultant)

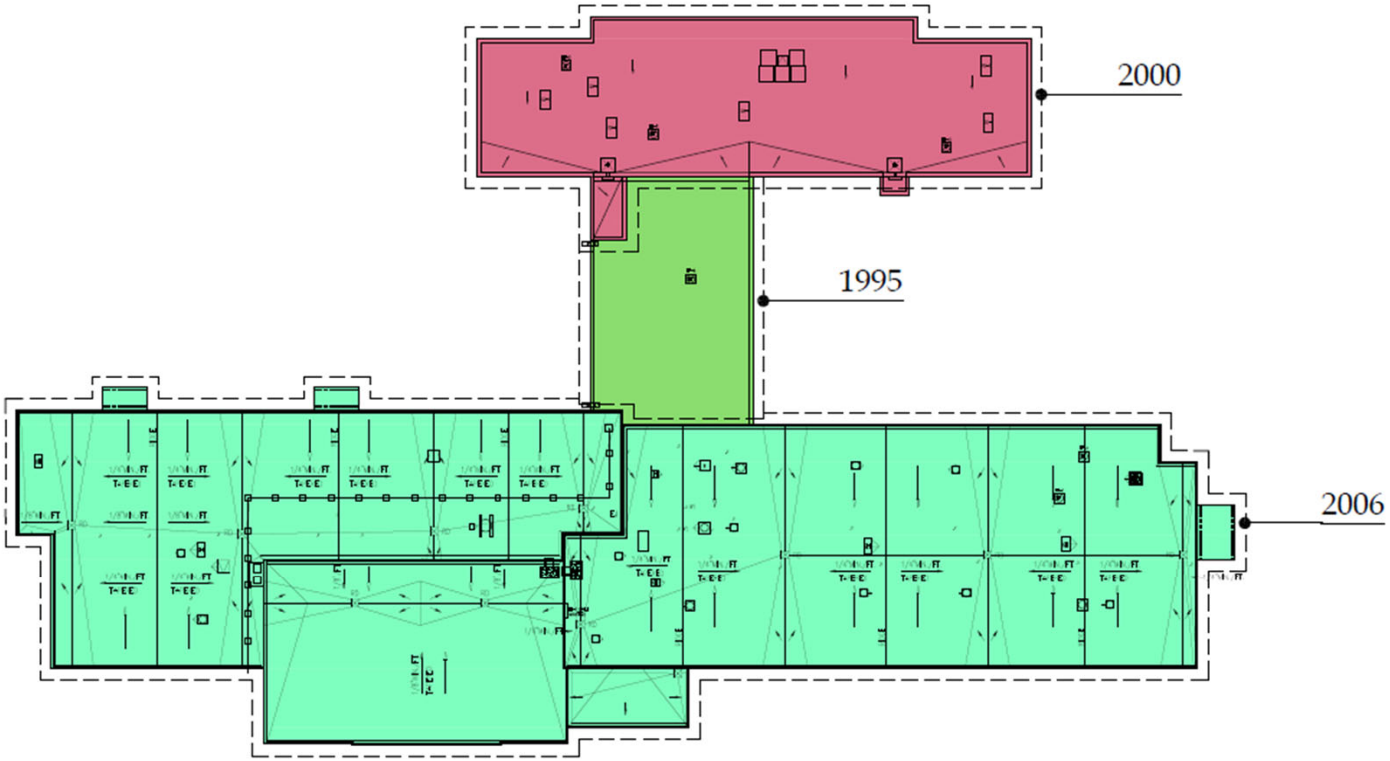
GARRISON GA ARCHITECTS

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

CHERRY HILL SCHOOL DISTRICT

A. RUSSELL KNIGHT ELEMENTARY SCHOOL

42,938 SF 1964, 1995, 2000



1 ROOF PLAN
RP-1.0 SCALE: 1/32"=1'-0"

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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.

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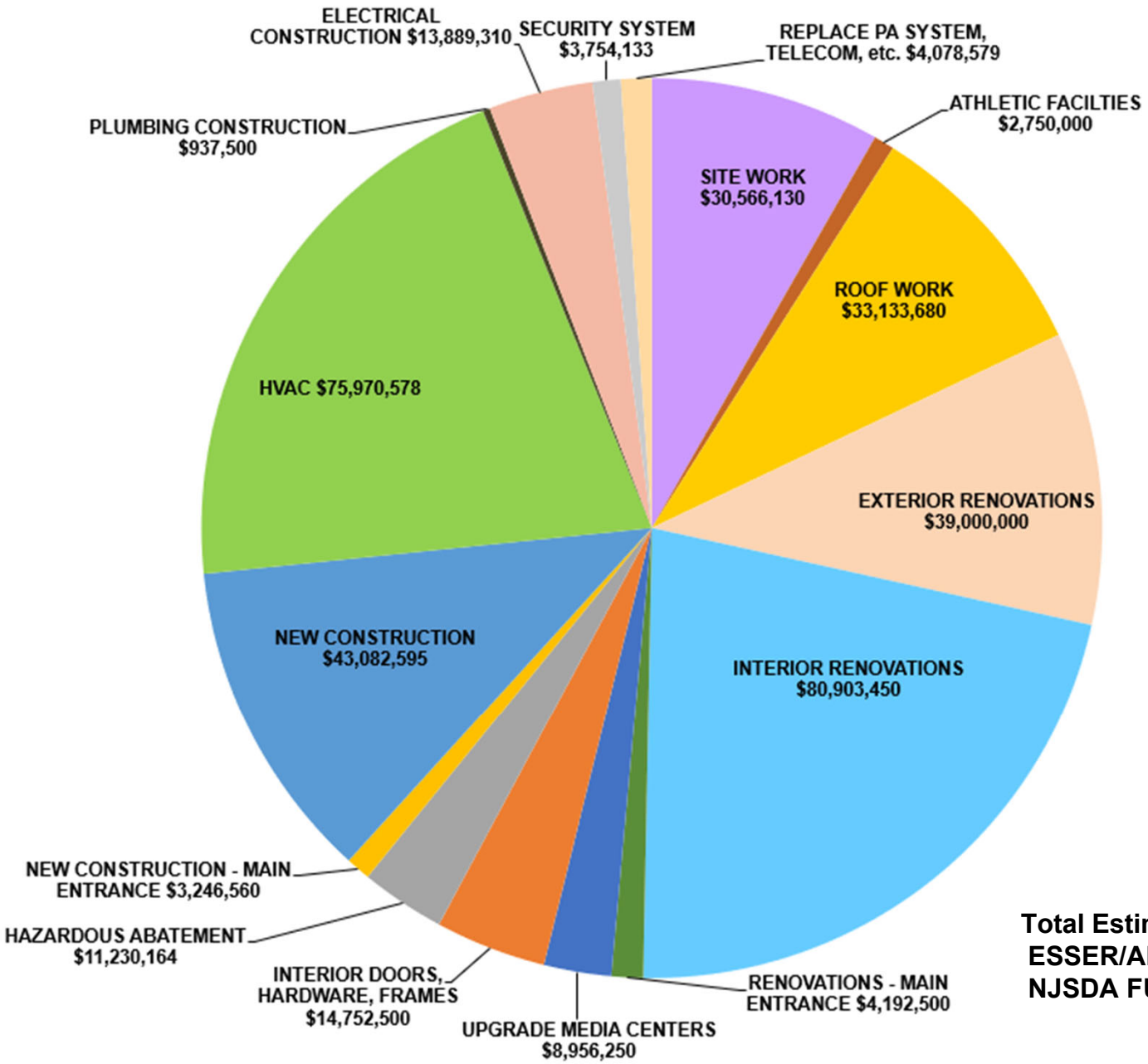
CHERRY HILL SCHOOL DISTRICT



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