



# CHERRY HILL SCHOOL DISTRICT

## CLARA BARTON ELEMENTARY SCHOOL

50,043 SF 1966, 1995, 2000

### Site

Qty	Unit Cost	Cost Estimate
	Lump Sum	\$1,535,600
	25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	\$383,900
	<b>Estimated Total</b>	<b>\$1,919,500</b>

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

### Exterior Renovations

Roof Replacement (1995/2000 Addition) - Remove to Deck (Assume 10% Deck Replacement), New Insulation, Modified Roof System	9,020 SF @	\$35	\$315,700
New Front Canopy and Existing Columns - (Exterior Doors) Repainting at Main Entrance		Lump Sum	\$210,000
Exterior Door, Hardware, Frame Replacement	6 @	\$10,000	\$60,000
Masonry Repairs - Window Lintels, Windows, Caulking, etc.		Lump Sum	\$350,000
		Subtotal	\$935,700
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	\$233,925
		<b>Estimated Total</b>	<b>\$1,169,625</b>

Roof Replacement (1995/2000 Addition) - Remove to Deck (Assume 10% Deck Replacement), New Insulation, Modified Roof System

New Front Canopy and Existing Columns - (Exterior Doors) Repainting at Main Entrance

Exterior Door, Hardware, Frame Replacement

Masonry Repairs - Window Lintels, Windows, Caulking, etc.

### Interior Renovations

Main Entrance Enhancements/Reconfiguration - Principal's Office, Kitchen, Nurses Suite, ADA Compliance, etc.	1,740 SF @	\$200	\$348,000
Classrooms Flooring - New VCT Flooring & Base, Library, Music Room and Painting	20,000 SF @	\$12	\$240,000
Corridor Ceiling Replacement and Painting Walls	7,450 SF @	\$20	\$149,000
Classroom Folding Wall Partition - Replace with Metal Studs and Drywall	2 @	\$5,000	\$10,000
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	9 @	\$50,000	\$450,000
Teacher's Lounge - 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	50,043 SF @	\$1	\$50,043
Cafeteria - Demolish Stage, Replace Finishes, New Ceilings		Lump Sum	\$200,000
Hazardous Materials Abatement - VAT, Pipe Insulation, etc. (District Consultant)		Lump Sum	\$200,000
		Subtotal	\$2,276,043
		25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)	\$569,011
		<b>Estimated Total</b>	<b>\$2,845,054</b>

Main Entrance Enhancements/Reconfiguration - Principal's Office, Kitchen, Nurses Suite, ADA Compliance, etc.

Classrooms Flooring - New VCT Flooring & Base, Library, Music Room and Painting

Corridor Ceiling Replacement and Painting Walls

Classroom Folding Wall Partition - Replace with Metal Studs and Drywall

New Interior Fire-Rated Doors, Frames, Closers, ADA Modifications, Intruder Hardware

Renovate Unisex Staff & Classroom Toilet Rooms - Finishes, Fixtures, ADA Compliance

Teacher's Lounge - Replace Finishes, Sink, Cabinets, Stove and Refrigerator

Library - Replace Finishes, Lights, etc.

New ADA Compliant Interior Signage

Cafeteria - Demolish Stage, Replace Finishes, New Ceilings

Hazardous Materials Abatement - VAT, Pipe Insulation, etc. (District Consultant)



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### Building Systems

#### HVAC Construction

	Qty	Unit Cost	Cost Estimate
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	\$1,627,691
Exhaust Fans - Replace Rooftop Units	16 @	\$2,500	\$40,000
HVAC Replacement (6) Split Systems		Lump Sum	\$85,000
HVAC Replacement - 2000 Section Fan Coil Units with Condensers	6 @	\$25,000	\$150,000
Replacement of the Pneumatic Energy Management System with New DDC Electronic Controls	50,043 SF @	\$6.00	\$300,258
		<b>Subtotal</b>	<b>\$2,302,949</b>
		<b>25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)</b>	<b>\$575,737</b>
		<b>Estimated Total</b>	<b>\$2,878,686</b>

#### Electrical Construction

Security System - Door Access Controls/CCTV/Expansion		Lump Sum	\$97,253
Replace PA System, Clock System and Technology		Lump Sum	\$106,154
Power/Lighting Branch/HVAC Panel Upgrades	4 @	\$25,000	\$100,000
		<b>Subtotal</b>	<b>\$303,407</b>
		<b>25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)</b>	<b>\$75,852</b>
		<b>Estimated Total</b>	<b>\$379,259</b>

### New Construction

New All-Purpose Room, Stage, Storage, etc.	9,515 SF @	\$350	\$3,330,250
Kitchen Addition - Expand in Front of School	210 SF @	\$500	\$105,000
		<b>Subtotal</b>	<b>\$3,435,250</b>
		<b>25% Soft Costs (A/E Fees, Contingency, CM, Legal, etc.)</b>	<b>\$858,813</b>
		<b>Estimated Total</b>	<b>\$4,294,063</b>



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	Total Estimated Cost	ACTUAL State Share	Local Share
Site Work	\$1,919,500	(\$767,800)	\$1,151,700
Exterior Renovations	\$1,169,625	(\$467,850)	\$701,775
Interior Renovations	\$2,845,054	(\$1,138,022)	\$1,707,032
HVAC Construction	\$2,878,686	(\$1,151,474)	\$1,727,212
Electrical Construction	\$379,259	(\$151,704)	\$227,555
New Construction - All Purpose Room and Kitchen Addition	\$4,294,063	(\$556,270)	\$3,737,793
<b>Total</b>	<b>\$13,486,187</b>	<b>(\$4,233,120)</b>	<b>\$9,253,067</b>
		<b>31%</b>	<b>69%</b>

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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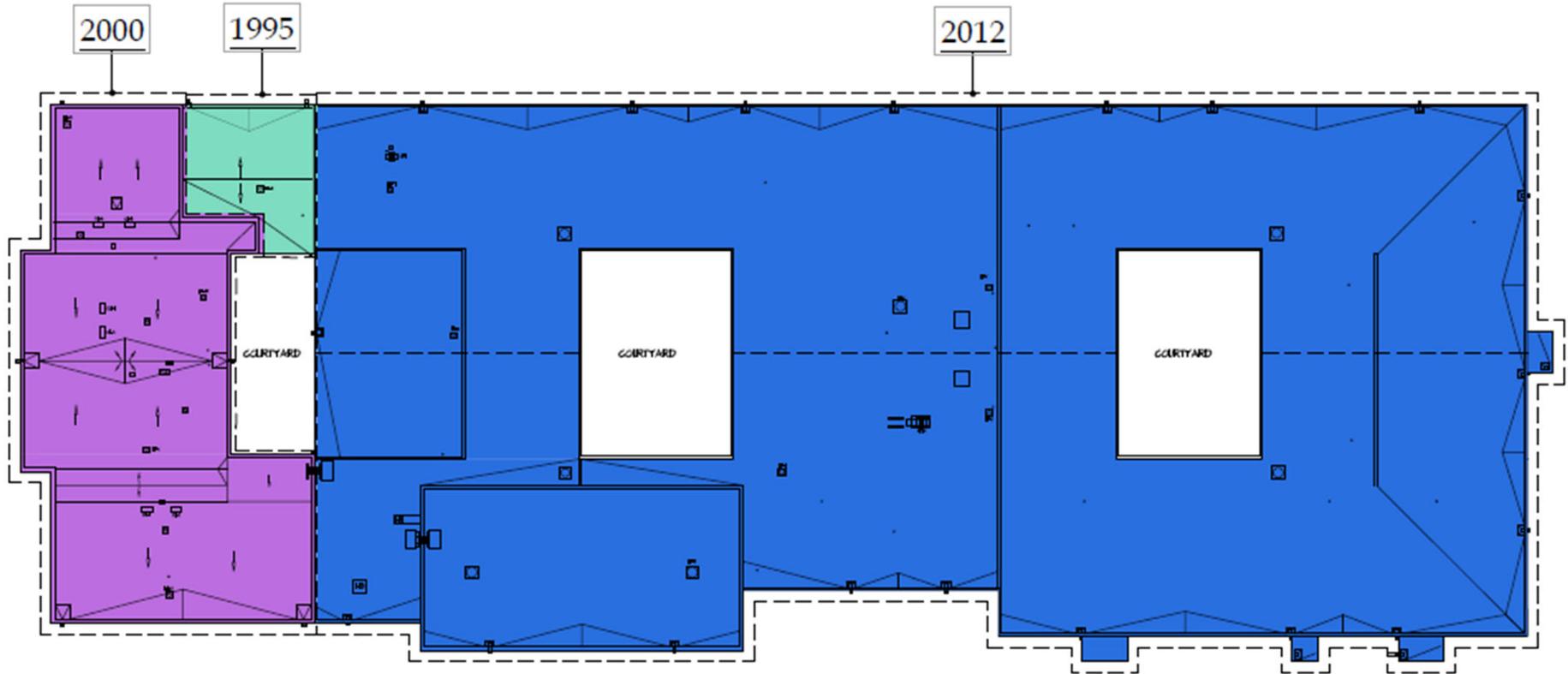




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1 ROOF PLAN  
RPI.0 SCALE: 1/32" = 1'-0"



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### LEGEND

- FLOORING CLASSROOMS FLOORING - NEW VCT & BASE
- CEILING/PAINT NEW CORRIDOR & CLASSROOM CEILING TILE & PAINTING WALLS THRU-OUT
- IN D NEW INTERIOR DOORS, FRAMES & ADA HARDWARE THRU-OUT
- EX D NEW EXTERIOR DOORS, FRAMES & ADA HARDWARE
- UV UNIT VENTILATOR REPLACEMENT
- REBUILD H/C RAMP / STEPS
- BATHROOM RENOVATION
- BUILDING RENOVATION AREA
- BUILDING ADDITION
- ROOF REPLACEMENT/ RESTORATION
- NEW MAIN ENTRANCE CANOPY



FLOOR PLAN



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