



CHERRY HILL SCHOOL DISTRICT

A. RUSSELL KNIGHT ELEMENTARY SCHOOL

42,938 SF 1964, 1995, 2000

Site

	Qty	Unit Cost	Cost Estimate
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

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	\$1,005,400
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



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	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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Playground
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(District Consultant)

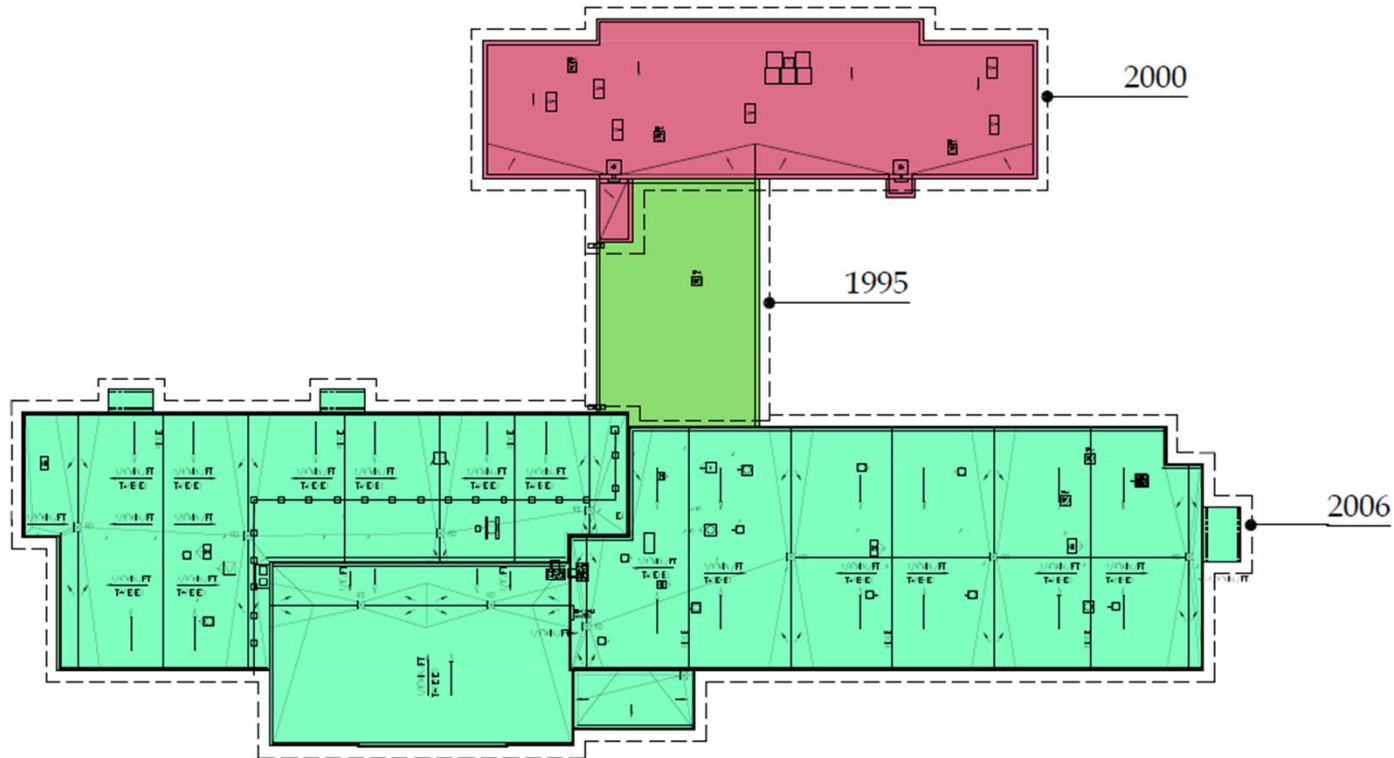




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1 ROOF PLAN
RP-1.0 SCALE: 1/32"=1'-0"



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LEGEND

FLOORING

CLASSROOMS FLOORING - NEW VCT & BASE

CEILING/PAINT

NEW CORRIDOR & CLASSROOM CEILING TILE & PAINTING WALLS THRU-OUT



NEW INTERIOR DOORS, FRAMES & ADA HARDWARE THRU-OUT



NEW EXTERIOR DOORS, FRAMES & ADA HARDWARE



UNIT VENTILATOR REPLACEMENT



BUILDING RENOVATION AREA



BATHROOM RENOVATION



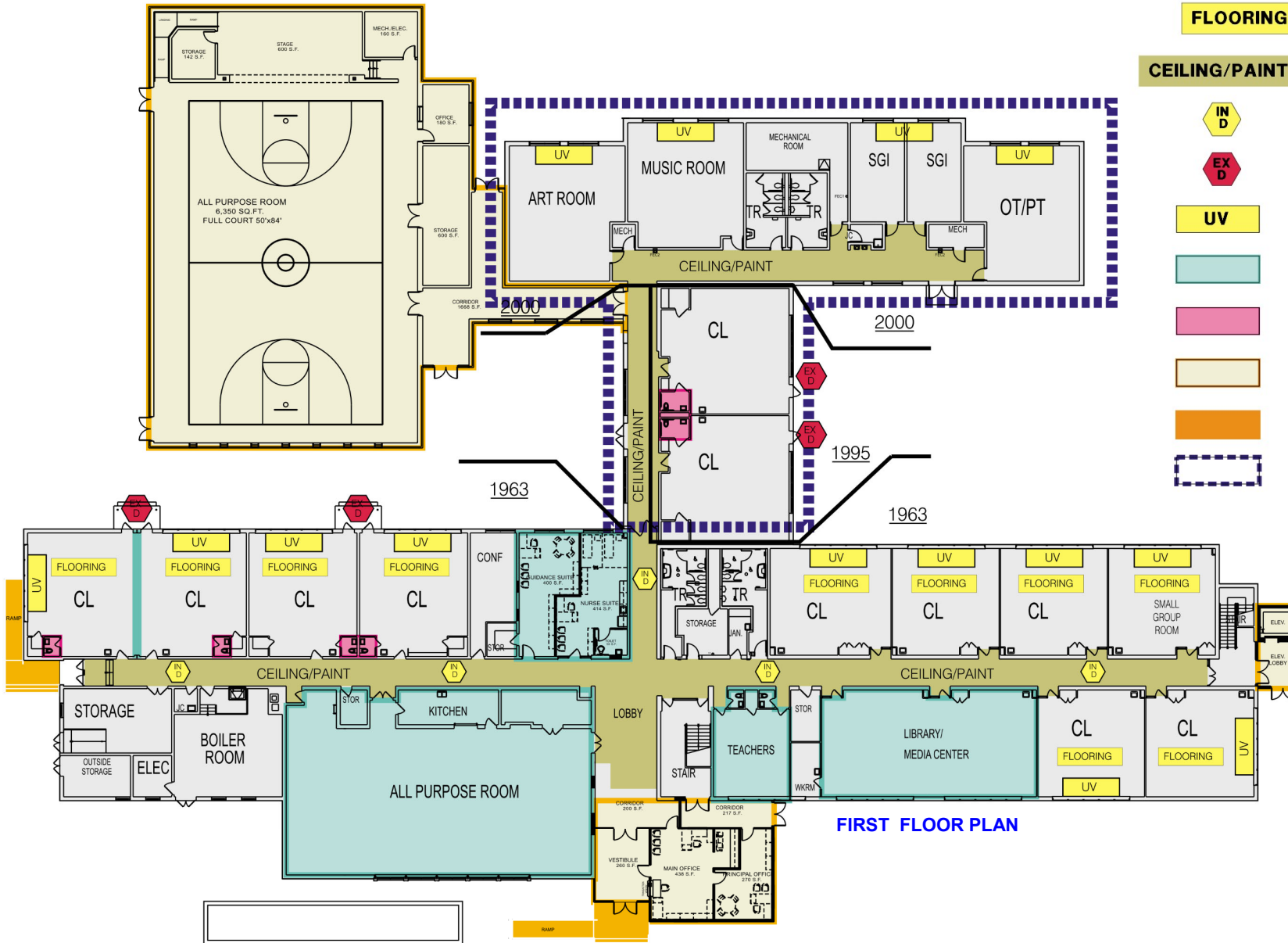
BUILDING ADDITION



REBUILD H/C RAMP / STEPS



ROOF REPLACEMENT



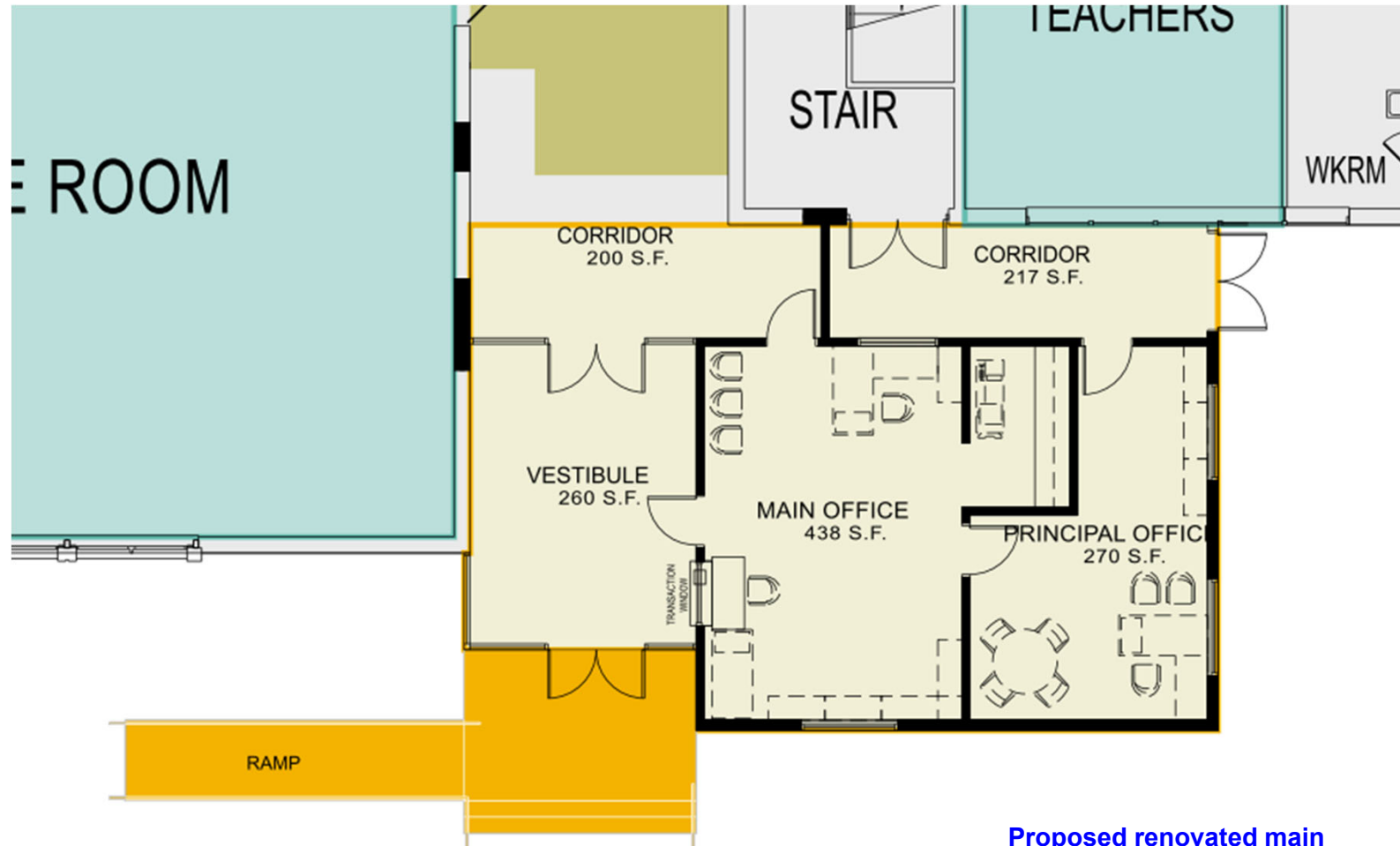
FIRST FLOOR PLAN



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Proposed renovated main
entrance and main office area



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