

Summary of Health & Safety Items - New Paltz Middle School

OPTION 1

New Paltz Central School District

The following is a summary (by building) of all Health and Safety items as identified in the 2010 Building Condition Survey that were rated as unsatisfactory, Non-Funct referendum.

CSArch Project No: 105-12-01

Building Name: New Paltz Middle School

Form Title	Estimated Quantity	Units	Cost per Unit	Sub-Total	Total
39 Site Fuel Oil					\$140,000
	1	LS	\$140,000.00	\$140,000.00	
40 Site Electrical, inc Ext Dist.					\$60,000
	1	LS	\$60,000.00	\$60,000.00	
58 Exterior Walls and Columns					\$453,500
	600	L.F.	\$80.00	\$48,000.00	
	10,000	S.F.	\$40.00	\$400,000.00	
	150	S.F.	\$20.00	\$3,000.00	
	250	S.F.	\$10.00	\$2,500.00	
59 Chimneys					\$36,000
	300	S.F.	\$120.00	\$36,000.00	
60 Parapets					\$102,000
	150	L.F.	\$200.00	\$30,000.00	
	1	LS	\$72,000.00	\$72,000.00	

Form Title	Estimated Quantity	Units	Cost per Unit	Sub-Total	Total
62 Exterior Steps, Stairs, and Ramps					\$150,000
	1	LS	\$150,000.00	\$150,000.00	
65 Roofs and Skylights					\$1,482,945
	12,136	S.F.	\$17.00	\$206,312.00	
	12,136	S.F.	\$5.00	\$60,680.00	
	12,136	S.F.	\$2.50	\$30,340.00	
	12,136	SF	\$5.00	\$60,680.00	
	30,427	S.F.	\$20.00	\$608,540.00	
	30,427	S.F.	\$15.00		\$456,405
	10,270	S.F.	\$20.00	\$205,400.00	
	10,270	S.F.	\$15.00		\$154,050
	40,697	S.F.	\$2.50	\$101,742.50	
	310	L.F.	\$675.00	\$209,250.00	
72 Ceilings					\$2,400
	120	S.F.	\$20.00	\$2,400.00	
77 Interior Electrical Distribution					\$500,000
	1	LS	\$500,000.00	\$500,000.00	

Form Title	Estimated Quantity	Units	Cost per Unit	Sub-Total	Total
81 Water Distribution System					\$550,000
	1	LS	\$550,000.00	\$550,000.00	
82 Plumbing Drainage System					\$295,000
	1	LS	\$295,000.00	\$295,000.00	
89 Air Handling and Ventilation					\$20,000
	1	LS	\$20,000.00	\$20,000.00	
90 Piped Heating and Cooling Distribution Systems...					\$0
	1	LS	\$750,000.00	\$750,000.00	
91 Ducted Heating and Cooling Distribution Systems					\$310,000
	1	LS	\$310,000.00	\$310,000.00	
93 Fire Alarm Systems					\$45,000
	1	LS	\$45,000.00	\$45,000.00	
94 Smoke Detection Systems					\$40,000
	1	LS	\$40,000.00	\$40,000.00	
95 Fire Suppression Systems					\$0
	1	LS	\$20,000.00	\$20,000.00	

Form Title	Estimated Quantity	Units	Cost per Unit	Sub-Total	Total
96 Emergency/Exit Lighting Systems					\$27,000
	1	LS	\$15,000.00	\$15,000.00	
	1	LS	\$12,000.00	\$12,000.00	
100 Additional Information on Accessibility					\$550,000
	4,000	SF	\$12.50	\$50,000.00	
	2	EA	\$75,000.00	\$150,000.00	
	1	LS	\$350,000.00	\$350,000.00	
	1	LS		\$0.00	
Total - all					\$4,763,845
Deduct for Alternate Roofing Material					\$203,485
Priority 1 Total					\$4,124,345
Priority 2 Total					\$639,500

	Priority 1 Item
	Priority 2 Item

SECTION 2

March 14, 2012

ioning or Critical Failure and proposed to be addressed with a capital bond

Comments

Replace u-ground fuel oil tank / piping / monitoring system.

Additional distribution

Clean, paint corroded steel lintels above doors.

Masonry tuckpointing

Replace wood fascia, wood siding at loading dock

Repair wood siding at loading dock.

Step cracking down the side of the masonry chimney wall.

Repair / replace limestone cap.

Repair masonry parapet above slate roof.
 [840 SF of masonry tuckpointing @ \$50/SF + 300 LF of
 stepflashing @ \$50/LF + 300 LF of thru-wall flashing @ \$50/LF]
 = \$72,000

Comments
Repairs to select site stairs / railings
Replace slate roof w/ asphalt shingle, include attic insulation & sleeving roof leaders
Demolition of existing slate roof
Deck repair
Insulation in attic space
Replace spray foam roof w/ fully adhered EPDM roof system
Alt. price to replace with new spray foam roof = \$152,135 savings.
Replace EPDM roof w/ new fully adhered EPDM roof system
Alt. price to replace with new spray foam roof = \$51,350 savings.
Allowance for hazardous materials
Replace "Yankee" gutters - line w/ EPDM membrane.
Repair of gymnasium roof deck/exposed ceiling.
Install correct size kitchen feeder per NEC. Add power distribution panels at each level and replace old wiring with new branch wiring (#12 AWG or as needed). Retrofit 40-80 year old panels as applicable (approx. qty 10 ea).

Comments
Replace water distribution piping - provide new hot, cold and recirculating water piping throughout the 1930 building.
Replace drainage/vent piping in 1930 building. Provide sump basin, underslab drainage, duplex sump pump in boiler room.
Replace exhaust fans (\$20K). Add Auditorium supply air system (\$150K). Replace kitchen hood and exhaust system (\$75). Replace (27) UV's, convert (11) UV's to hot water (\$430).
Originally recommended convert steam to hot water. District requested to OMIT
Provide relief air in 1930 building classrooms (\$310K). Provide supply air ductwork at auditorium (\$120K). Provide ventilation at 1970 classroom addition (\$20K).
Provide (60) additional devices in classrooms and classroom toilet rooms.
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Provide kitchen hood fire suppression system. UPGRADE WHEN KITCHEN IS UPGRADED

Comments
Additional (18) building mounted exterior lights as now required by code.
Provide (37) additional emergency lighting to all stairwells and corridors.
A. Locker Room toilet rooms = $\$12.5/\text{SF} \times 4,000 \text{ SF} = \$50,000$
B. Lift System at ramp = (2) at $\$75,000$ each = $\$150,000$
C. Add'tl elevator to access Tech & Art Room = $\$ 350,000$
D. ADA Signage

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