

# The Greenport Capital Project





# Inspiring a School and a Community to Lead in the 21st Century









# The First Priority: a Safe, Secure and Healthy Environment



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## Architects prioritize design as a school security solution

By Katherine Flynn, June 20, 2018



“Unencumbered visibility for administrators who work near the front entrance is another key tool in buying time.”





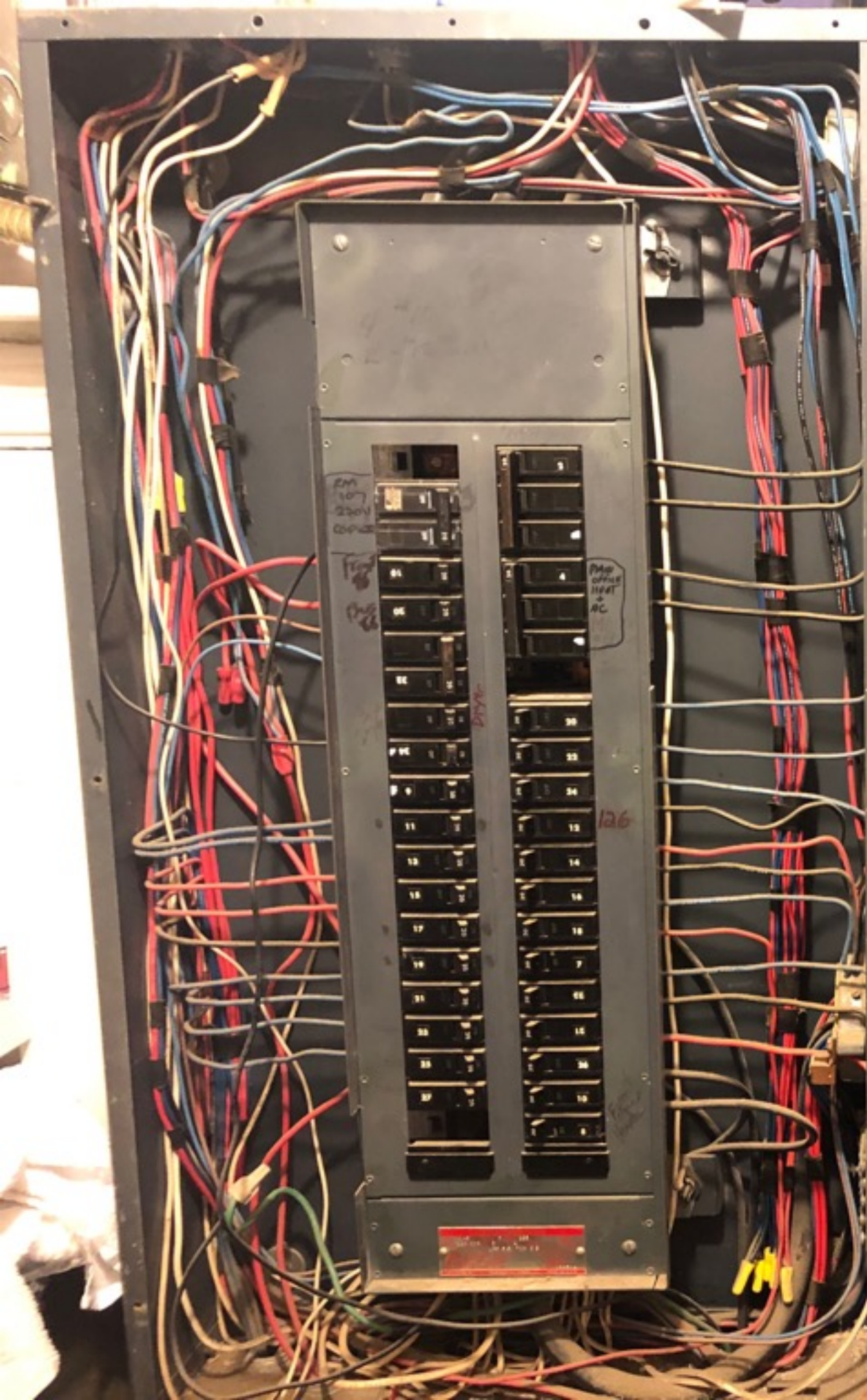


**Over 1,600 tiles to be properly replaced**































**Some steps have been taken to address physical plant issues**





**Adding solar panels has brought down energy costs**





Year	USD Value	Inflation Rate
1997	\$100.00	2.29%
1998	\$101.56	1.56%
1999	\$103.80	2.21%
2000	\$107.29	3.36%
2001	\$110.34	2.85%
2002	\$112.09	1.58%
2003	\$114.64	2.28%
2004	\$117.69	2.66%
2005	\$121.68	3.39%
2006	\$125.61	3.23%
2007	\$129.19	2.85%
2008	\$134.15	3.84%
2009	\$133.67	-0.36%
2010	\$135.86	1.64%
2011	\$140.15	3.16%
2012	\$143.05	2.07%
2013	\$145.14	1.46%
2014	\$147.50	1.62%
2015	\$147.67	0.12%
2016	\$149.54	1.26%
2017	\$152.72	2.13%
2018	\$156.45	2.44%

**Inflation: The cost of delay can be significant**

**A school project which cost \$14,700,000 in 1997 would cost over \$23,000,000 if done in 2017**



# Bridgehampton School District: \$31,900,000

**“We went out to bid a total of three times.”**

**“First two bids came in over budget; even the second time with the elimination of the proposed library in the existing gymnasium.”**

**“The third time we had the extra \$4.7 million and came in under budget”.**





# **The total cost of the proposed project has come down**

Feb. 5, 2019: \$29,875,000

April 8, 2019: \$23,870,000

## **Here's how:**

**Removal of turf field, moved lighting upgrade to EPC (out of bond project), revised the cost estimate reducing scope of office refurbishment, used Repair Reserve to reduce scope and cost of parking, no generator, no 2nd set of inside bleachers among other ways to bring the total cost down**

## **Sample tax implication:**

**Original Proposal AV @ \$4,500 = \$562 in first year**

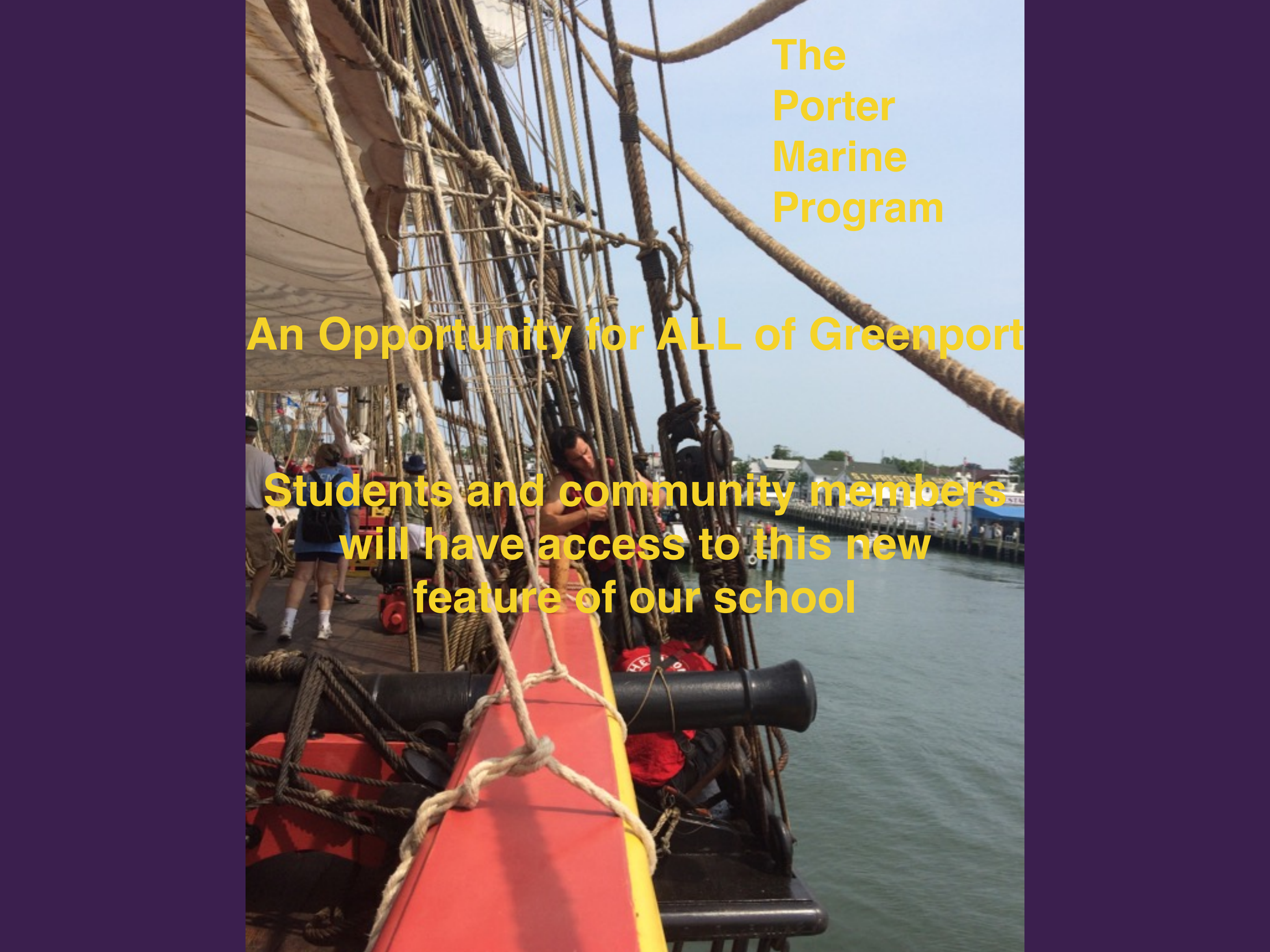
**Current Proposal AV @ \$4,500 = \$447 in first year**



**We should do more than fix the school**

**There's an opportunity for Greenport**



The background image shows a close-up view of a sailboat's deck, featuring a prominent red and yellow stripe along the edge. Numerous ropes and rigging are visible, extending towards the mast. In the background, several people are on the deck, and a body of water with a distant shoreline is visible under a clear sky. A dark purple gradient is applied to the right side of the image, serving as a background for the text.

# The Porter Marine Program

An Opportunity for ALL of Greenport

Students and community members  
will have access to this new  
feature of our school





Love being outdoors and on the water?  
**Work on recreational boats and yachts!**  
It's not just an industry – it's a lifestyle!

## CAREER TRAINING IN THE MARINE INDUSTRY

In-demand jobs,  
competitive wages,  
year-round work  
opportunities



### JOB OPPORTUNITY

The marine sector depends on highly skilled workforce of marine technicians, manufacturers and engineers.

#### Bright future in leadership positions

Become a supervisor, manager, and/or own a business



Work with marinas, boat yards, boat manufacturers and builders, specialty marine businesses



Electrical



Systems



Engines



Construction



**650,014**

MARINE INDUSTRY JOBS



**34,833**

MARINE BUSINESSES



**\$35.9 Billion**

TOTAL US EXPENDITURES ON BOATS,  
ENGINES, ACCESSORIES & MAINTENANCE



### EDUCATION PATH

- 1. ABYC Marine Service Technology Program**  
Visit [www.abycinc.org/marineservice](http://www.abycinc.org/marineservice) to learn more
- 2. Post-Secondary Education**  
Programs in the Marine League of Schools are located around the country
- 3. Become an ABYC Certified Technician**  
and continue on to a lifelong career in the marine industry

To learn more about ABYC Marine Tech Programs visit [www.abycinc.org](http://www.abycinc.org)  
Data Source: The NMMA 2012 Boating Economic Impact Study





# Learning By Doing...in Our Community



PECONIC LAND TRUST



CALENDAR

BLOG

GIVE

OUR WORK

GET INVOLVED

PLACES TO VISIT

WAYS TO GIVE

ABOUT US



BLOG

## 5th Graders at Greenport Elementary Adopt Widow's Hole Preserve



**The Porter Marine Program will partner with Cornell Cooperative Extension, The East End Seaport Museum and other marine related organizations.**





# New York Harbor School

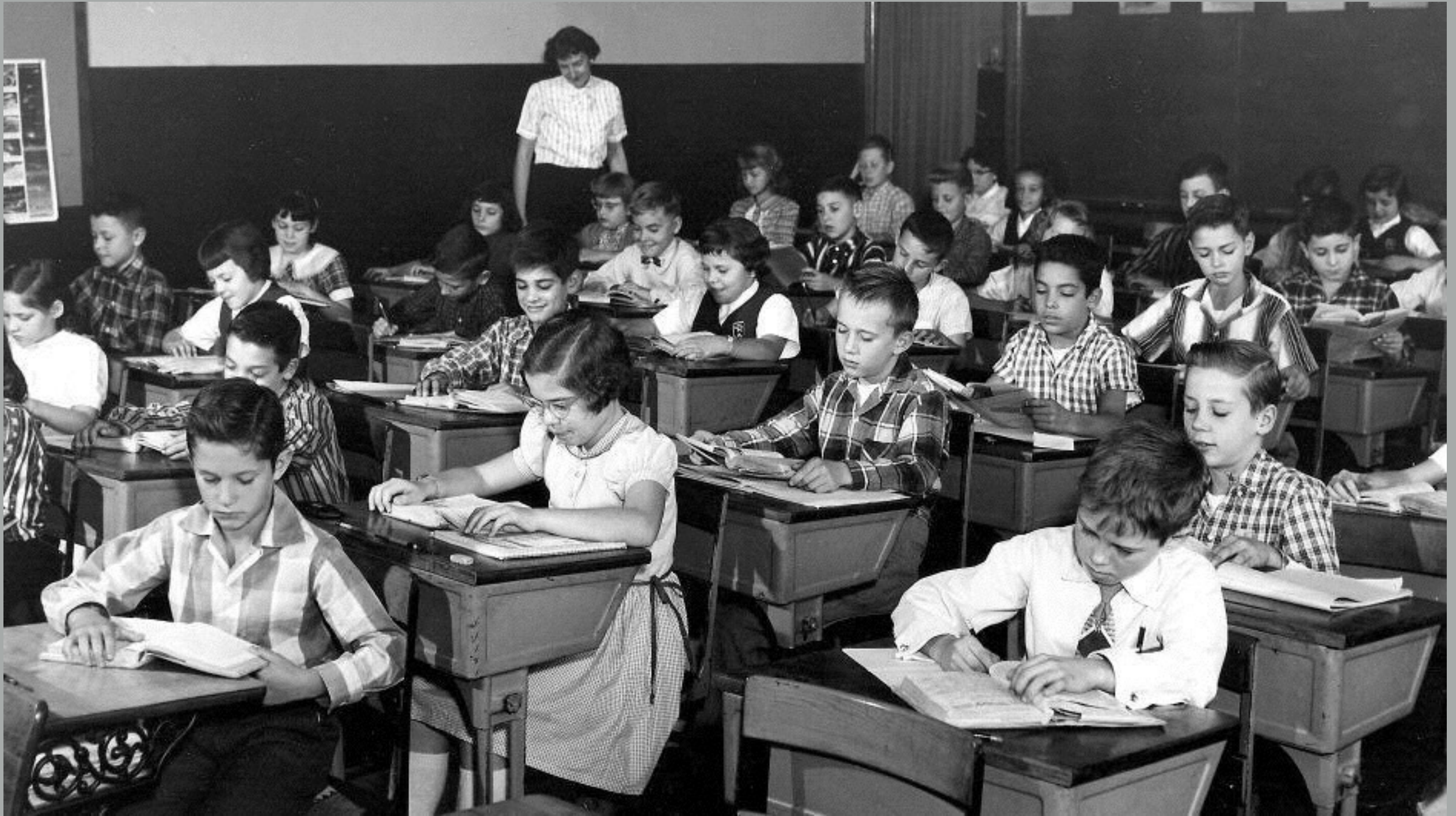


# Education has changed...





**“An agile building (classroom) encourages students to take greater ownership of their learning and helps foster...**





...collaboration and good learning habits that help create learners...





...who will be better prepared to take on the challenges of a constantly changing world.”





**What follows are some examples of school environments that support student learning...**

**...and build value for the taxpayers in their communities**

**These are examples. They are beyond what we seek in terms of cost, but...**

**...they DO reflect the type of qualities that we should strive to create for Greenport Schools now, and for the next 20 -25 years.**



**What school design should be....  
...a way to promote learning**





# Bringing light into learning spaces





# Creating opportunities for collaboration and creativity





**Inspiring students, staff and community members to...**





“The most successful school designs generally have the elements of flexibility and adaptability, allowing changes for curriculum, future technology, of learners, and teaching staff.”

University of Newcastle and the Design Council (UK)





**The following illustrates how an old school building from 1890 can still benefit from renovations to bring it into the 21st Century**



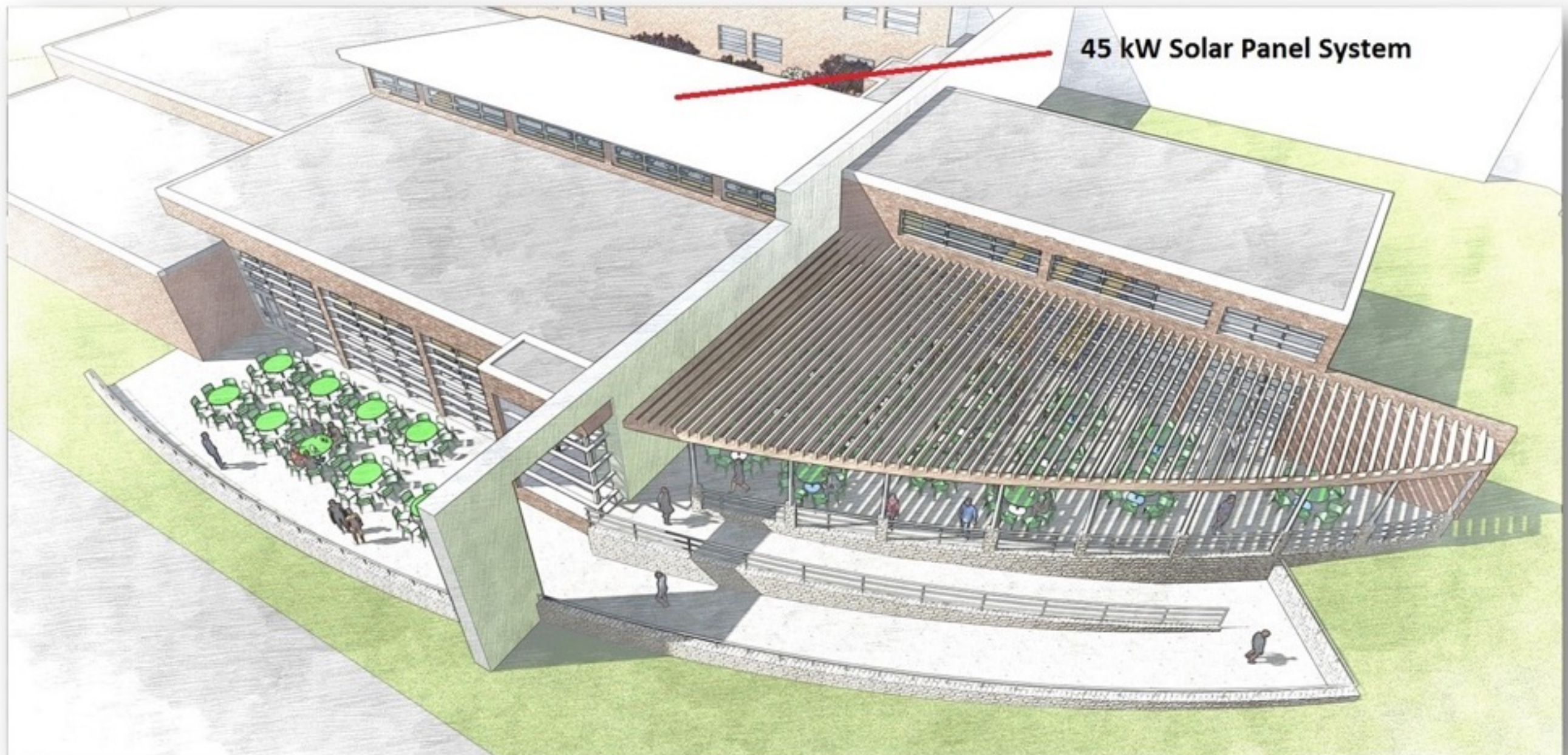






# Tetra Tech Architects and Engineers

## NEW HIGH SCHOOL CAFETERIA





## Project Profiles

### Masterplan and Additions: William Floyd Union Free School District

Mastic Beach New York



In the 1990s, Tetra Tech worked with the District to develop a Master Plan that dealt with expansion, renovation, and new construction at all the District's facilities. This was a multi-phased approach, which over a period of time included:

- Entire grade reconfiguration in the District
- Over 100 new classrooms added to all the elementary schools
- A 204,000 sf expansion and renovation of the high school
- Construction of a 42 acre sports complex
- A 2.5 megawatt cogeneration plant that provides heat and electricity to three facilities and also provides income to the District when excess electricity is sold back to the grid



Tetra Tech Architects & Engineers worked with the District on a Capital Project developed in 2007 that was the next phase of the Master Plan. This project utilized the District's EXCEL funds. The project addressed an 80,000 sf expansion of the high school, solar panels on all District facilities, and District-wide security and technology upgrades including wireless and smart boards.

A recently completed state-of-the-art automotive program facility (left) incorporates solar power and allows the District to provide specific focused skills for students.

In October 2018 - the district passed a \$36 Million dollar referendum, that addresses numerous infrastructure improvements, including roofs, electric systems, AC of elementariness and new tracks turf fields.

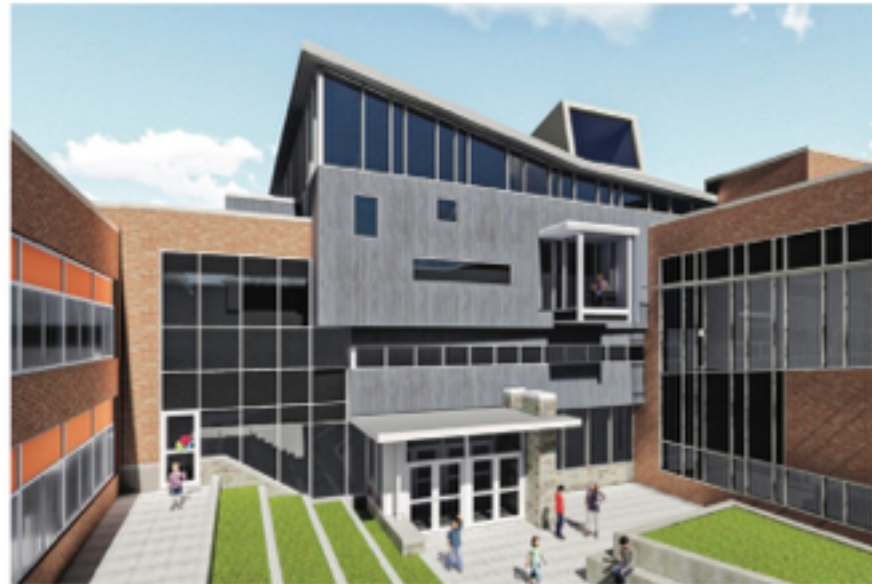






## MIDDLE SCHOOL/INTERMEDIATE SCHOOL

### New Paltz Middle School New Paltz, NY



The addition to New Paltz Middle School—located in New York's Hudson Valley—is a project combining functional needs while integrating with the beauty of its natural surroundings. The building massing and materiality draws inspiration from the nearby geographical formations of the Shawangunk Ridge ("The Gunks").

The design is intended as an abstraction of these natural formations. The rock faces are articulated in the faceted, stepped building elevations and as large masses and materiality, set against the roof edge, reminiscent of a mountainous promontory. Light reflects against the building, an ever-changing play of light, shadow, and form. Materials were chosen to reinforce these concepts.

The addition consists of a new main entry, classroom and specialty spaces, increasing usable teaching space to meet the evolving curriculum. The pinnacle of the addition is the media center, a 21st-Century Learning Environment designed for project-based learning.

Flexible, multi-use classrooms in part of the addition over the entry into the courtyard was known as the "Bridge of Education," joining the existing building to the new in a dynamic way. The combination of elements ties the building to the New Paltz community and in the process serves as a proud beacon for the school and the community.



#### Project in Progress

##### Entire school/campus building

##### Tetra Tech Architects & Engineers

10 Brown Rd.  
Ithaca, NY 14850  
tetratech-ae.com  
Stephen Kimball  
607/277-7100

##### DESIGN TEAM

Priscilla J. Barclay, AIA, LEED AP, DBIA,  
Senior Vice President  
Jim Bouffard, Associate AIA, Project Manager  
Keith Gallup, AIA, Project Architect  
Michael Hunt, NCIDQ, ASID, IIDA, Interiors  
Bill Wisbauer, AIA, A4LE, Principal-in-Charge

##### OWNER/CLIENT

New Paltz Central School District  
New Paltz, NY  
Maria Rice, Superintendent of Schools  
845/256-4000

##### KEY STATS

Grades Served: 6-8  
Capacity: 650 students  
Size of Site: 15.8 acres  
Building Area: 95,150 gsf. Existing: 37,120 gsf.  
Addition  
Space per Student: 236 sq. ft. before, 298 sq. ft. after  
Cost per Student: \$42,183  
Square Foot Cost: \$150  
Project Cost: \$27,418,752  
Completion Date: September 2020

RENDERINGS: TETRA TECH ARCHITECTS & ENGINEERS



## **Next Steps:**

**Tour of the school, this Saturday, April 13th**

**FAQ to be published online, in print**

**Final date of vote based upon completion of SEQRA,  
anticipated to be June 20, 2019**



