



NANAWALL EDUCATIONAL DESIGN SOLUTIONS

NanaWall®
Boundaries Unbound®

EXPLORE 21ST CENTURY LEARNING HUB DESIGN

- Academic space is reimagined to meet the demands of 21st Century curriculum by moving away from formal classroom layouts and embracing a dynamic teaching methodology.
- Mobile furniture and operable walls enable hands-on activities and adaptable layouts where one, two, or more classrooms can come together for collective learning.
- With the ideology that every square foot of a school poses a teaching opportunity, hallways are reimagined as additional learning space rather than single purpose passthroughs.



NANAWALL SYSTEMS IN 21ST CENTURY SCHOOL DESIGN



Flexibility

NanaWall systems enable dynamic classroom layouts on the fly. Merging one, two, or more classrooms into unifying, collaborative learning hubs.



Ease of Operation

NanaWall opening glass walls feature stainless steel rollers that glide on stainless steel tracks to simplify operation regardless of size. Easy enough for teachers and students alike—even with an effortless push of a finger.



Sound Control

Engineered with the success of students in mind, NanaWall acoustic glass walls can reach up to unit STC 45, offering distraction-free environments even with multiple classes happening at once.



Wellness

Glass walls maximize daylight to minimize reliance on artificial lighting. When opened, constant fresh air ventilation, alongside natural light, create healthy learning spaces that boost attention and retention.



Security

NanaWall systems allow teachers to monitor students at all times. ADA compliant sills, advanced locking mechanisms, and impact-safe glass options, act as additional security measures where the safety of students is paramount.



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When the NanaWall system is open, the space works as a multi-purpose room. When closed, it creates space for two diverse uses: an intimate and private student lounge on one side and a more active space on the other.



—Douglas S. Ely, Principal, DSE Architecture





UP TO UNIT
STC 34

SANDERS MEMORIAL ELEMENTARY

Architect: Williamson Design Associates | **Product:** NanaWall SL45 FoldFlat®

Sanders Memorial is a STEAM magnet school where traditionally sized classrooms extend into a large communal area serving as additional space for collaborative, hands-on activities. As an integral component of the design, opening glass walls specified with FoldFlat® technology optimize every inch of space with panels that fold all the way back and parallel to the opening.



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UP TO UNIT
STC 34

BOOKER T. WASHINGTON ELEMENTARY

Architect: Cannon Design | **Product:** NanaWall SL45

A 63,000-square-foot STEM campus was separated into three academies, each further stratified into three collaborative learning hubs per grade level. Easy-to-operate folding glass walls allow teachers to gain access to shared resources while being able to adapt hallways as additional space for small and large group instruction as well as project-based learning activities.



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UP TO UNIT
STC 43

PROJECT HIGHLIGHT

School: Lubbock Cooper East Elementary | Architect: Parkhill | Product: NanaWall HSW60

The Pre-K wing was designed to act as an instructional tool for teachers to easily access resources within a fully contained, communal wing for the youngest learners. Four individual classrooms were arranged in a quadrant design with their respective corners opening into a unifying hub. All classrooms feature four-paneled NanaWall HSW60 single track sliding glass walls that glide effortlessly around corners and store out of the opening due to an intelligently guided roller system.



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Hallways are reimagined into additional learning spaces, presenting each square foot as an educational opportunity, adding 20% to 30% more usable space to the average school.



—Prakash Nair, Architect and Author





UP TO UNIT
STC 34

DARTMOUTH MIDDLE SCHOOL

Architect: American Modular Systems | **Product:** NanaWall SL45

In collaboration with American Modular Systems, Union School District built a free-flowing, time and cost-effective modular building with four STEM classrooms and learning labs. Multiple folding glass walls are leveraged between each classroom to optimize space and collaboration while exterior systems extend learning opportunities to the outdoors.



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UP TO UNIT
STC 42

REEDS SPRING MIDDLE SCHOOL

Architect: Dake Wells Architecture | **Product:** NanaWall SL70

Reeds Spring engages students in a flexible, informal academic environment while embracing its district's goal to integrate technology, collaborative spaces, and safety. Classrooms feature opening glass walls that maximize square footage and repurpose hallways into additional learning space. The floor supported system negates the need for bulky headers, allowing for transoms to maximize daylight.



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UP TO UNIT
STC 43

PROJECT HIGHLIGHT

School: Tarbut V' Torah

Architect: LPA Design Studios

Product: NanaWall HSW60

At TVT, the new MAKER building aims to inspire creativity and imagination with a more dynamic, hands-on learning approach focused on STEAM education. Flexibility is embraced with mobile tables, chairs, whiteboards, and a 12 panel, open corner, single track sliding glass wall. Students can engage in lectures indoors while a different group immerses in kinetic, collaborative learning outdoors through seamless, ADA compliant transitions.





The NanaWall maximizes the view and flexibility of the space when closed or open. It is also a very elegant and simple system that is safe and easy for teachers and students to use.



—Konrad Judd, Chief Design Officer, Huckabee



UP TO UNIT
STC 34

HADLEY JUNIOR HIGH SCHOOL

Architect: FGM Architects

Product: NanaWall SL45

What was once a single-purpose library space was revitalized into a multifunctional learning hub that could facilitate various activities based on the academic needs of students. The room-within-a-room design features a segmented curve folding glass wall specified with paired panels that can be fully or partially opened to extend the square footage based on the needs of the school day.



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UP TO UNIT
STC 42

LUBBOCK COOPER HIGH SCHOOL

Architect: Parkhill | **Product:** NanaWall SL70

A growing Career and Technical Education program demands the need for a dedicated, flexible space. Steering away from traditional classrooms, the CTE building offers students real-life career environments with unconventional academic spaces. At the Culinary Arts center, a multi-paneled folding glass wall allows students to extend space into the hallway to mimic an authentic restaurant atmosphere.



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UP TO UNIT
STC 45

PROJECT HIGHLIGHT

School: Monsignor Farell High School | Architect: Studio 16 Architecture | Product: NW Aluminum 645

In a unique application, two folding glass walls were specified to create a room-within-a-room design. This configuration is then partitioned by a third system in a T-intersection to provide maximum flexibility throughout the school day. The transparent, acoustically rated STC 45 systems optimize the once underutilized space to allow for multiple activities to occur without distraction. Featuring a minimal surface mounted sill with just under an inch of exposure, the system achieves ADA compliance and seamless transitions.



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“

The acoustical attenuation, even when [the NanaWall systems] are partially closed, is phenomenal. We're finding teachers are using them all the way open, halfway open, all the way closed and that is our purpose—to give teachers that flexibility.

”

—George Tharin, RA, Williamson Design Associates





UP TO UNIT
STC 36

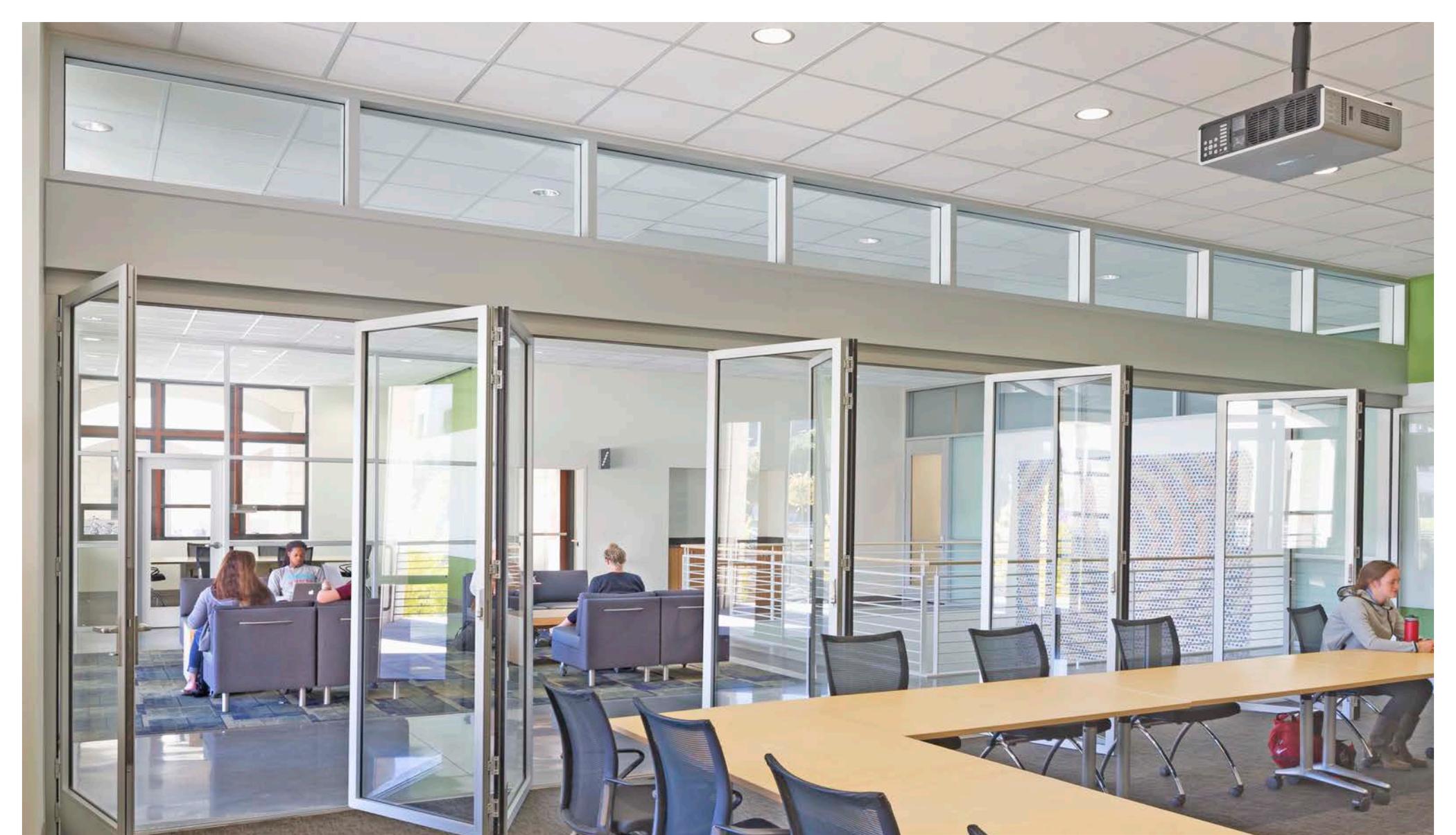
AURORA UNIVERSITY

Architect: Cordogan, Clark & Associates

Product: NanaWall PrivaSEE

The Stephens Collaboration Center leverages a five-panel frameless glass wall that combines two individual classrooms into one collaborative academic space. With patented technology achieving up to STC 36, this acoustically-rated all glass system offers sound attenuation and ease of operation where needed most.





UP TO UNIT
STC 34

STANFORD UNIVERSITY

Architect: Boora Architects | **Product:** NanaWall SL45

At Stanford's bioengineering department, formal learning spaces meet informal collaboration hubs through the implementation of easily operable folding glass wall systems. Specified paired panels smoothly glide into stacks on either side of the opening to connect two spaces into one while optimizing daylight to create bright interiors.



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NanaWall Educational Design Solutions

- NanaWall systems provide 21st Century schools with transformative flexibility, space optimization, and biophilic benefits, enabling ideal academic spaces for dynamic learning and collaboration.
- Capable of reaching sound control ratings up to unit STC 45, acoustically rated interior opening glass walls promote productivity and privacy when needed most, such as when taking tests or hosting multiple classes at once.
- Where the health and wellness of students is of utmost priority, easily operable NanaWall systems embrace the benefits of the outdoors with abundant daylight and fresh air ventilation.
- Performance-driven NanaWall products are put through rigorous testing at accredited and certified independent testing laboratories. For results, please visit our website: nanawall.com.



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