

## ***Innovations in Education Design Using Opening Glass Walls***

NanaWall Systems, the leader in opening glass wall systems, cordially invites you to schedule a continuing education breakfast, lunch or dinner seminar entitled *“Innovations in Education Design Using Opening Glass Walls”*. Our knowledgeable Architecture Consultant and Local Representative will present the information you need to confidently incorporate operable glass walls into new-build and renovated schools from K-12 and higher education learning environments. We will review the common challenges in educational settings that operable glass walls can help to overcome. You will review the changes happening in educational design in response to the growing acceptance of the 21<sup>st</sup> Century Education model. You will learn the differences between folding and single-track sliding wall systems and how and where they are used. Learn how independent tests verify the impact of fresh air and daylight in classrooms for students including improved health, attentiveness, learning capacity, and attendance. View imaginative new applications and case studies in all aspects of Educational Architecture.

**Credit: 1 AIA HSW/LU CEH**

**AIA Course Number: IED01**

### **Learning Objectives**

- Identify & recognize the significance of flexible space in school design to safely accommodate variable educational needs.
- Assess the health and welfare aspects of glass wall systems in terms of providing daylight and views to students, teachers, and staff.
- Explain the importance of acoustics to meet the requirements for green school design, improve student performance, and create a better indoor environment.
- Determine ways to incorporate the design principles presented into building project documentation as shown in project examples.

### **HSW topics include:**

- Building envelope, sustainable design, and accessibility
- Acoustics and interior design
- Energy efficiency and natural hazards
- Renovation and adaptive use
- Security
- Structural considerations

## ***Program: Innovations in Education Design Using Opening Glass Walls***

### ***Introduction:***

NanaWall Systems background (Prior to CES presentation)

Website – resource information

### ***Definition of typical issues in education design***

Flexible Spaces

Connections to outdoor spaces

Acoustics

### ***Define 21<sup>st</sup> Century School & goals***

#### ***Folding Systems***

Typical usage – why choose a folding system

#### ***Sliding Systems***

Typical usage – when is a sliding system the best choice

#### ***Minimal Framed***

Typical usage – when is a minimal framed system the best choice

#### ***Frameless***

Typical usage – when is a frameless system the best choice

### ***Acoustics Review***

Decibel Scale

STC ratings & range available with operable glass walls

Demonstration of various STC performance

### ***Case Studies***

Why incorporate large openings into your design?

Examples of specific applications & solutions provided in 21<sup>st</sup> Century school settings

Questions

**Total time: 1 hour**