

## ***Solutions for Large Openings for Educational Institutions***

NanaWall Systems, the leader in opening glass wall systems, cordially invites you to schedule a continuing education breakfast, lunch or dinner seminar entitled “*Solutions for Large Openings for Educational Institutions*” 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. 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 in all aspects of Educational Architecture including an in-depth analysis of the “Flex-Space” concept that creates positive multi-use learning modules within a classroom.

**Credit:** 1 AIA HSW/LU CEH  
1 IDCEC HSW CEU-Design Specialties

**AIA Course Number:** - ED011  
**IDCEC Course Number:** CEU-107757

### **Learning Objectives**

- Familiarize architects with the definitions, capabilities, and usages of large moveable glass wall systems.
- Illustrate how large operable glass walls can be an integral part of GREEN/Sustainable design both in form and function.
- Provide answers on how large operable glass walls can improve the health, safety and welfare of teachers and students.
- Demonstrate new and innovative ideas, such as flex space and collaborative learning environments to take into the design process for; schools, mixed use, commercial buildings, and to help you through that process.

### **SD/HSW topics include:**

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

## ***Program Outline: Solutions for Large Openings for Educational Institutions***

### ***Introduction:***

Brief company history  
Website – resource information

### ***Definition of a Large Opening***

#### **Folding Systems**

Typical usage – Why choose a folding system?  
Operation animations – How does it work?  
Features – stacking and opening options  
Choosing a sill  
System material options  
Configurations – examples of a 5-panel system  
Unique installations- paired panels  
Testing

#### **Sliding Systems**

Typical usage – When is a sliding system the best choice?  
Operation animations – How does it work?  
Features – stacking bays, curved walls  
Choosing a sill  
System material options  
Configurations – examples of incorporated swing doors – skybox applications  
Testing

### ***The Marketplace***

Why incorporate large openings into your design?  
Examples of specific applications in schools, natatoriums, cafeterias, stadiums  
Installation  
Design criteria – deflection  
Sill design – weeping  
Questions

**Total time: 1 hour**