

# NanaWall®

Grand Transformations

## SINGLE TRACK SLIDING SYSTEMS



ONE HEADER + ONE TRACK = UNLIMITED DESIGN FREEDOM



## Less Track More Options

**What is** the NanaWall Single Track Sliding Glass Wall System? Unlimited framed glass wall panels ride a single head track over a single sill and effortlessly glide into your choice of multiple stacking options.



Cache Creek Bar, Brooks CA  
NanaWall VSW65 Single Track Sliding System  
Architect: williams + paddon architects & planners



## FEATURES AND BENEFITS:

### One Header, One Track or Trackless

Unlimited top-hung panels ride a single header, eliminating the need for multiple floor tracks, extra-wide support beams and walls. Single track, end to end closure produces a clean sweep of panels with no offset. Option for no floor track (sockets only) is available.

### Clean Lines, Sophisticated Appearance

European styling and handsome sleek lines are the result of minimized frames and maximized glass with integrated locking hardware and no surface mounted hinges.

### Design Flexibility

Easily accommodate extra wide openings, multiple and/or open corners, segmented curves and requirements for operable doors within the chain of panels. The number of panels is limited only by structural constraints. Track can be set to the inside or outside of support columns allowing for extreme distances.

### Style Options

Match any decorating style with design options for individual panels that include your choice of solid wood or aluminum frames, glazing, muntins and SDLs, finish colors, panel sizes, hardware, sill and opening configurations.

### Swing Doors That Disappear With the Panels

System may incorporate any number of panels that can be converted to inswing or outswinging doors which slide away when the panels are stored. Pairs of swing doors creating a French door effect are possible. Closers and panic devices may be added when ADA compliance is needed.

### Remote Stacking

The upper track can be go beyond the frame of the opening to create a variety of stacking options as near or far from the opening as desired.

### Energy Efficiency

End to end closure with interlocking profiles and heavy-duty, double siliconized EPDM gaskets means a much tighter weather seal than typical multi-track sliders. All systems are NFRC Certified and Energy Star Approved with select glazing.

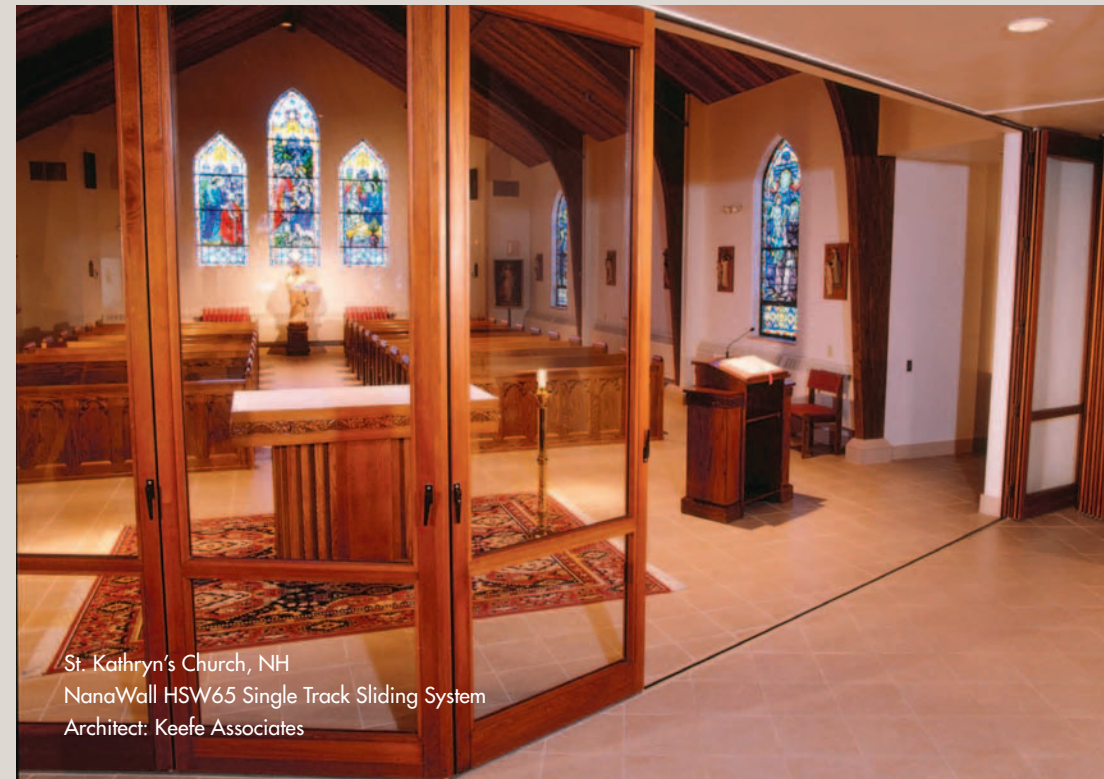
### Multiple Space Set-up

Using the same panels with additional parallel and perpendicular head tracks makes it possible to easily divide up a large space in different ways or leave it completely open.



Sliding doors easily glide into pocket's "parking bay."

One Track  
One Header  
Unlimited Design  
Freedom



St. Kathryn's Church, NH  
NanaWall HSW65 Single Track Sliding System  
Architect: Keefe Associates



Creative  
Solutions for  
Residential  
Openings

NanaWall®  
Grand Transformations

**BEYOND LIFTSLIDE—The ONE TRACK Advantage**



Colorado Mountain Residence  
NanaWall VSW65 Single Track Sliding System  
Architect: VAG, Inc.



## Considering a Lift and Slide? Consider the NanaWall BEYOND LIFTSLIDE

- End-to-end interlocking panels create a streamlined look and more weather resistant seal
- No “train station” effect from multiple floor tracks
- No need to engineer for an extra-wide header
- Panels can stack in front of fixed glass panels or out of sight in pockets on one or both sides for an unobstructed view and a totally open space.
- Unattached panels mean easy one-by-one operation and options for partial openings
- Panel widths up to 5 feet are possible

One Track  
One Header  
Unlimited  
Design Freedom



La Jolla, CA  
NanaWall HSW60 Thermally Broken System with no floor track  
Architect: Sebastian Mariscal Studio



Northport Residence, NY  
NanaWall HSW60 Single Track Sliding System  
Architect: Winter & Associates

## Creative Solutions for Residential Openings

NanaWall®  
Grand Transformations

### EXTREME SLIDE

#### Precision Engineered Full-System Technology supports your extreme architectural challenges:

- Multiple angle changes. Panels can turn corners up to 90°
- Segmented curves
- Multiple open corners
- Swing doors anywhere needed
- Panel heights to 12 feet with horizontal mullion on selected systems
- Stacking as near or far from the opening as desired



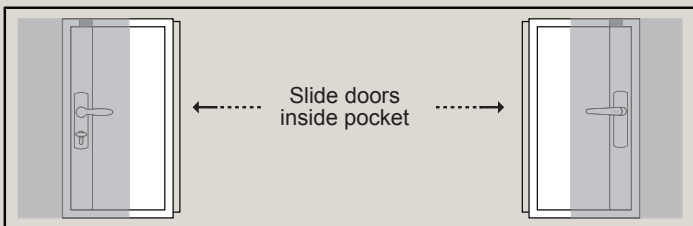
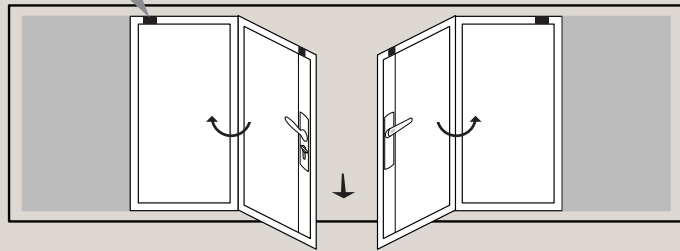
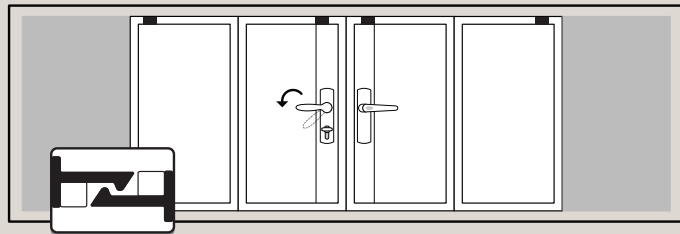
Austin, TX  
NanaWall HSW60 Thermally Broken Single  
Track Sliding System



## Only from NanaWall—The SWINGSLIDE

### Single Track Sliding Glass Walls with Center Swing French Doors

"For a city patio, we needed an opening glass wall with **center swing French Doors** and a single track and able to fold and tuck away in a minimalist profile."



## New Views on Commercial Openings



## Solutions to Showcase Retail Entrances

**Challenge:** Chicken & Chips needed an easily operated glass wall system that disappeared on sunny days but still provided maximum exposure and operable entrance/egress doors in winter. Their NanaWall has no floor track, stacks in a closet and provides multiple point locked security after hours.





# The Single Track Sliding Glass Wall Advantage

## Fully customizable configurations designed for easy operation

Unlimited number of panels can enclose any size or shaped floor plan. Open corners, segmented curves and support columns can all be accommodated. Unattached panels slide easily on the single track into your choice of conveniently located stacking bay.

## Entrance Egress Doors wherever needed

Swing door panels can be located anywhere in the chain of doors and disappear along with the rest of the panels when stored. Swing panels are tested to one million open/close cycles and meet "Industry Normal" operation standards. Panic and ADA approved hardware compatible.

## Weather Resistant

Systems are engineered for high performance weather protection and meet or exceed all standards for air and water infiltration, structural deflection, thermal, acoustic and forced entry. All test results are available online at [www.nanawall.com](http://www.nanawall.com).

## Built for the Long Term

NanaWall state-of-the-art proprietary hardware with sealed ball bearing carriers include compensation and adjustment features to ensure long term ease of operation. Variable interlocking profiles minimize expansion and contraction issues.

## Total System Engineering from a Single Source Supplier

NanaWalls are supplied as a complete precision built system with prefitted hardware.

## Coordinated Glass Walls

With the NanaWall joining systems, coordinated glass walls can be provided with matching folding doors and windows, entrance doors, and a fixed storefront.



One Track  
One Header  
Unlimited  
Design Freedom



Entrance doors in any location



All panels including doors slide away



Easy, one-person open or close



Stack panels wherever convenient



Proven  
Engineering  
Supports  
Creativity

NanaWall®  
Grand Transformations

How do you achieve an opening glass wall that has the least footprint, integrates a swing door and stacks completely out of the way?



Mets Stadium Citi Field  
NanaWall HSW60 Single Track Sliding System  
Architect: Populous



"The concept of a wide opening glass wall with all the testing, engineering and experience to back it up seems to inspire outside the box thinking. Whenever we think we've seen all the ways to use a NanaWall someone always comes up with a new one."

### Retail Storefronts

Operable walls can increase customer interaction and allow displays to be rolled onto the sidewalk area. ADA compliant doors and sills comply with commercial access codes.

### Restaurants / Hospitality

Open up a wall to a patio or separate an interior banquet area. Either way the energy efficient and Sound Transmission Code (STC) rated NanaWall creates a comfortable enticing dining experience.

### Offices

Create sound suppressed meeting rooms without visual barriers or open up spaces for group events. Efficient use of space can allow a smaller building footprint that can help with LEED points and have a direct impact on the bottom line.

### Churches

Separate interior spaces while maintaining an open feeling and natural lighting. Entrance doors allow controlled entry, then the whole wall opens for quick egress.

### Healthcare

ADA approved sills and door hardware create pleasant, easy access outdoor spaces for extended care and recovery facilities. Use NanaWall for controlling HIPAA regulations.

### Education

Additional head track within a classroom or event space allow for multiple configurations for various uses without expensive renovations. For new schools, more efficient use of space means a smaller footprint and square foot cost savings.

### Stadiums

Weather resistant NanaWalls provide a comfortable gameday experience without obstructing the view.



Melt Restaurant, PA  
NanaWall HSW60 Single Track Sliding System  
Architect: Howard & Kulp



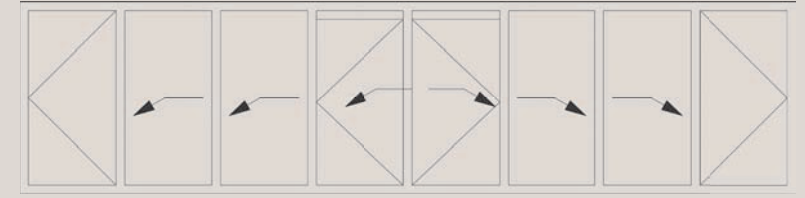
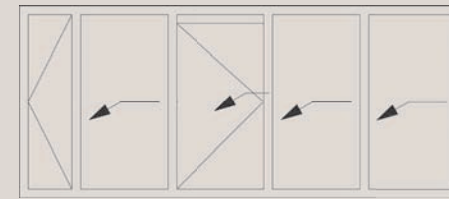
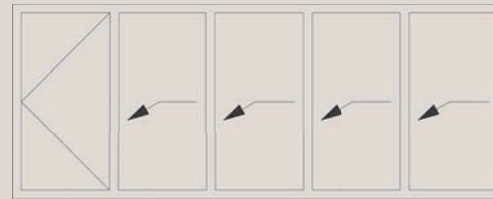
United Nations International School, NY  
NanaWall HSW60 Single Track Sliding System  
Architect: SOM



Wellesley College, Wellesley, MA  
NanaWall HSW65 Single Track Sliding System  
Architect: Einhorn Yaffee Prescott

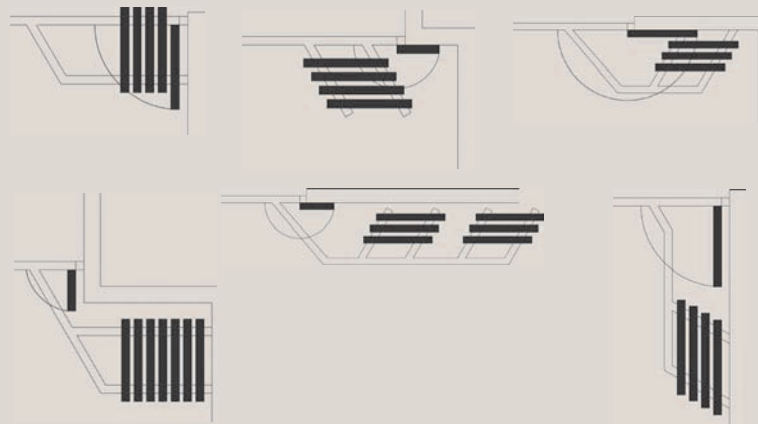


Unlimited Design  
and Panel  
Possibilities



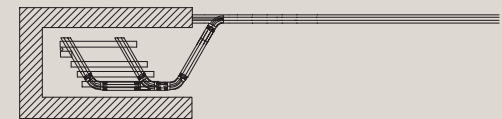
### A Multitude of Parking Bay Layouts

Parking bays can be on the inside, outside, in tandem, parallel, perpendicular, at angles, etc. Please consult with NanaWall for your layout design.

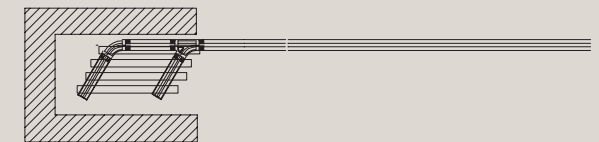


### BEYOND LIFTSLIDE Stacking Options

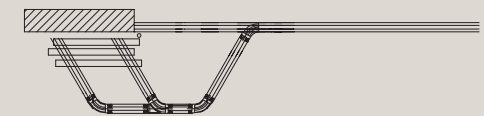
Parallel stacking in pocket



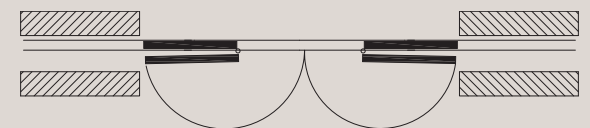
Parallel stacking in pocket - unit installed offset from the wall opening



Parallel stacking in front of open swing panel that is attached to the side jamb



### VSW65 SWING SLIDE

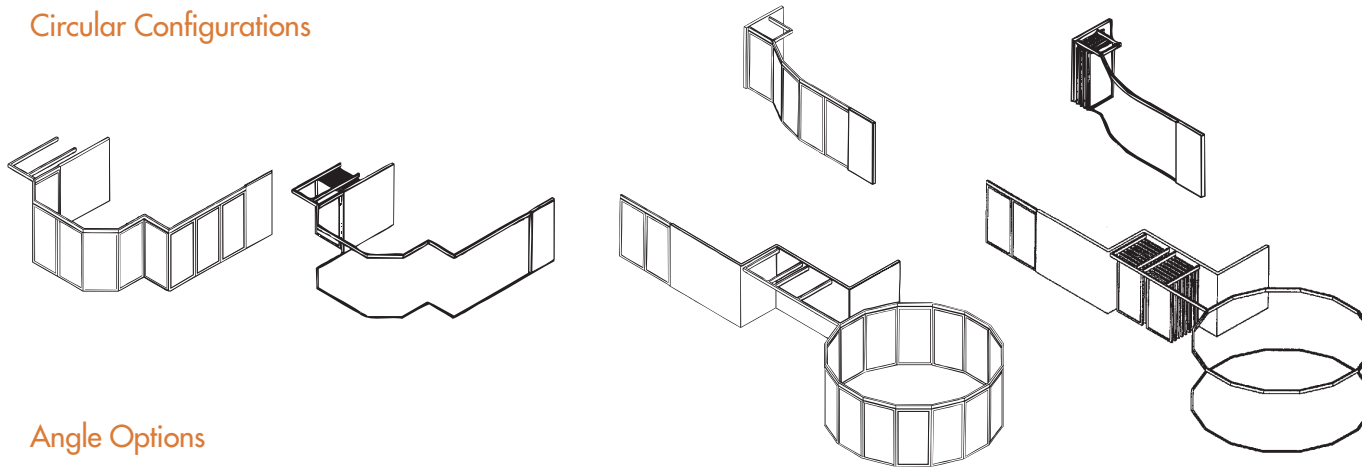


La Jolla, CA  
NanaWall HSW60 Thermally Broken System  
with no floor track  
Architect: Sebastian Mariscal Studio



Extreme  
Engineering  
Supports  
Extreme Design

### Circular Configurations

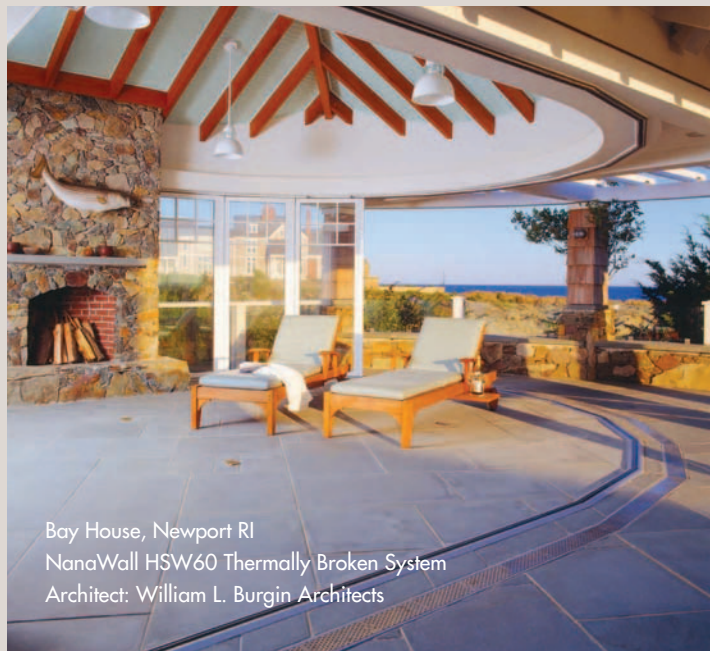


### Angle Options

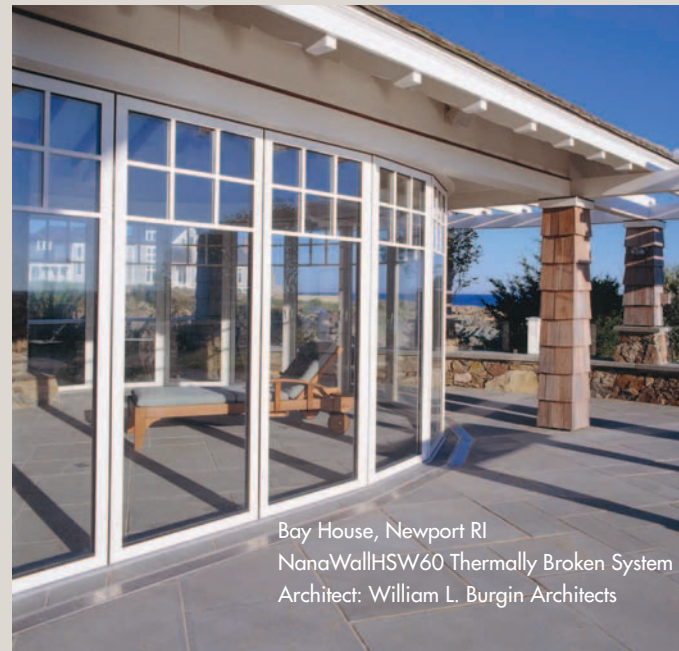


### Virtually Any Shape

With an ingenious, variable angle astragal profile, panels can be supplied with any segmented angle between 0° and 90° between panels, allowing the designer to create completely open corners or bays. The rollers can navigate any angle change.



Bay House, Newport RI  
NanaWall HSW60 Thermally Broken System  
Architect: William L. Burgin Architects



Bay House, Newport RI  
NanaWall HSW60 Thermally Broken System  
Architect: William L. Burgin Architects



## Precision Engineering Defines the NanaWall Difference



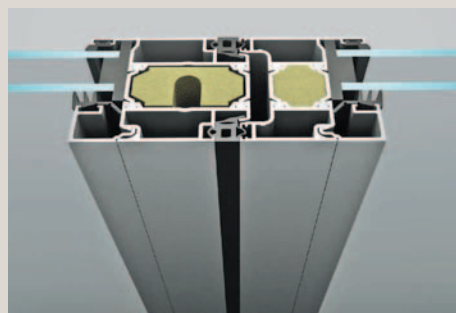
### Security

Concealed multiple-point locking operates with a turn of a handle. The bottom shoot bolt between each sliding panel has a full one-inch throw.



### Intelligent Rollers

The unique "intelligent" rollers and guide technology ensure easy, trouble-free operation of panels into the stacking bays. The self lubricated cindered brass rollers with ball bearings and stainless steel axles are engineered for longevity.



### Superior Energy Performance

Multichamber, thermally broken, aluminum profiles include a foam core. This 1.5/1.6" polyamide thermal barrier provides increased strength, superior humidity control, improved acoustics, and energy savings. Even the sills are thermally broken to minimize inside condensation.



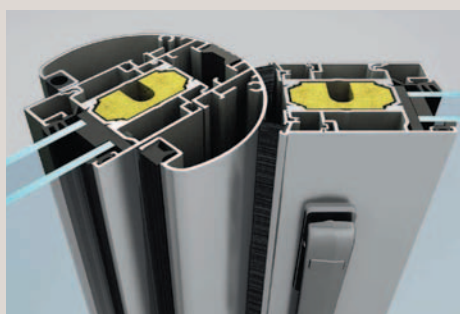
### Elegant and Durable Hardware

The elegant lever handles and the pull handles made of stainless steel are durable and ensure a convenient operation of the entry/exit panel. Other handle shapes and finishes are available.



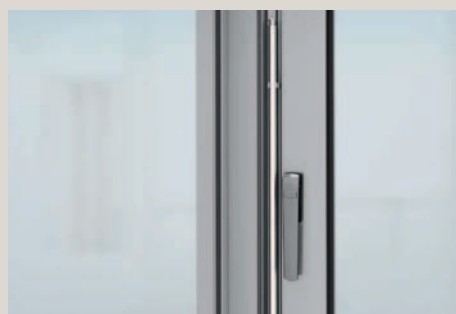
### Normal Traffic Entrance Doors Can Move Away

If desired, every sliding panel can include an incorporated single acting swing panel with an overhead door closer. The conversion from swing door to sliding panel is easy.



### Pinch Protection

The entrance doors are equipped with rounded profiles to provide pinch protection during opening and closing.



### Concealed Storage of Entrance Door Conversion Rods

The innovative profile conceals the entrance door conversion locking rods. All accessories are integrated into the system for clean lines. The locking system is easy to operate with one hand.



### Interlocking Door Panels

Male-female vertical interlock between sliding panels. Convenient, one-handed operation of the lever handle shoots the concealed lockbolt up to engage the hook receiver of the adjacent panel and down to secure the panel to the floor track for a multipoint, secure connection.



# CHOICES OF NANAWALL SINGLE TRACK SLIDING GLASS WALLS

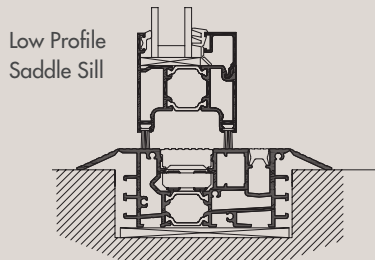
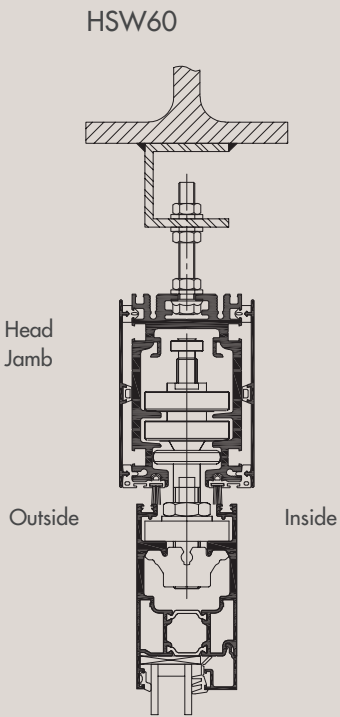
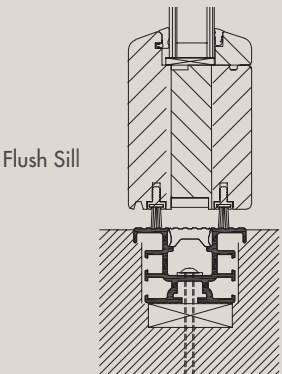
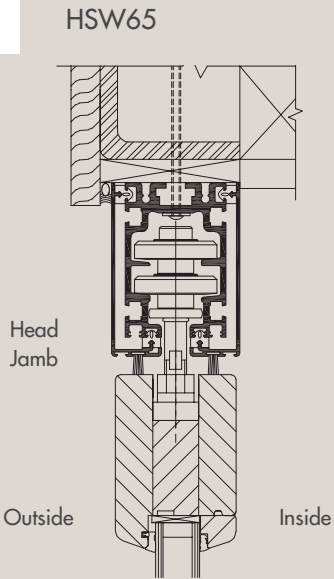
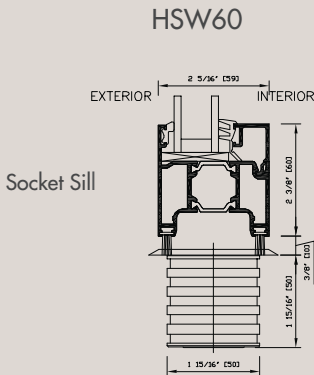
SYSTEM	FRAME	SUPPORT <sup>4</sup>	MAXIMUM FRAME PANEL SIZE RANGE <sup>1</sup>	KEY PROPERTIES <sup>2</sup>
HSW60	Aluminum	Top Hung	up to 4' x 12'	Thermally broken system, incorporated swing doors possible, angle changes and segmented curves possible, unlimited range of stacking options.
HSW65	Wood	Top Hung	up to 4' x 10'	Angle changes and segmented curves possible, unlimited range of stacking options, a swing door can be hinged off a side jamb. NFRC certified and Energy Star rated.
VSW35	Aluminum	Top Hung	3'3" x 8'6" – 3'11" x 7'10"	Ideal for pocket solutions, a swing door can be hinged off a side jamb.
VSW65	Wood	Top Hung	up to 5' x 10'	<b>BeyondLiftSlide</b> is ideal for pocket solutions, a swing door can be hinged off a side jamb. NFRC certified and Energy Star rated.
VSW65	Wood	Top Hung	up to 4' x 10' for sliding panels up to 3'3" x 10" for swing panels	<b>SwingSlide</b> is a single track slider with center swing doors. NFRC certified and Energy Star rated.

## Sill Options

Since all the weight is carried by the top track the U channel in the recessed floor track may be filled with a rubber gasket to eliminate tripping hazards yet still allow for locking rods to engage. For certain applications sills can be eliminated completely, creating a seamless transition between two spaces. Concealed locking rods engage in adjustable floor sockets when sill is eliminated.

Please consult with local building officials for compliance to ADA entrance requirements.

Scale: 1/4" = 1"



Attention to  
Detail from  
Header to Sill





Northport Residence, NY  
NanaWall HSW60 Single Track Sliding System  
Architect: Winter & Associates

### The NanaWall Company

NanaWall is the North American Partner of Solarlux, the world leader in operable glass wall technology with over one million panels installed world-wide. Our partners from around the world will help complete installations wherever you live or work.

### The NanaWall Purpose

Nanawall has over 20 years experience providing architectural solutions with large opening glass walls for architects, builders, developers, and homeowners on projects all over North America.

### The NanaWall Experience

Our team of design and technical experts provide complete customer service. Over 40 sales offices and 20 showrooms help you choose the perfect system for your area. An entire team of independent NanaWall Certified installers nationwide provide knowledgeable installation and service support. See for yourself why NanaWall has more large opening glass walls in Architect's own homes than any other company.

### NanaWall Systems Inc.

707 Redwood Highway  
Mill Valley, CA 94941  
(415) 383-3148  
(800) 873-5673  
Fax (415) 383-0312  
E-Mail: [info@nanawall.com](mailto:info@nanawall.com)

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**[www.nanawall.com](http://www.nanawall.com)**

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