Screen ONE XL and Screen Classic

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Screen ONE XL

The Screen ONE XL is a non-pleated screening option that is made of ultra-strong, UV resistant fiberglass mesh housed in a single cartridge riding on a single track. Besides insect protection, Screen ONE XL can help provide ventilation, shading and privacy. Please see nanawall.com for additional information.

Covers Large Openings with Minimum Verticals

OPENING HEIGHT	SINGLE PANEL	DOUBLE PANEL*
up to 10'0" (3048 mm)	up to 18'0" (5485 mm) wide	up to 36'0" (10970 mm) wide

* On double panel, maximum width to one side will be that of the single panel.

Pleat-Free for a Seamless Look

Designed to be unobtrusive and with the aim to preserve outdoor views, Screen ONE XL offers translucent screening with no vertical framing, seams, or pleats.

Compact Retractable Design

Screen ONE XL has a compact design that requires no cutting into the floor. The bottom track can be surface mounted and is only 1/2" (12 mm) in height. When not in use, the screen retracts and remains concealed within its cartridge and stored away neatly. The retractable design preserves the life of the screen by protecting it from outside elements.

Built in Tolerance from Building Deflection

Concealed by an integrated facia with no visible fasteners, the upper track has a floating, adjusting component that provides automatic compensation across the entire opening for up to 1/8" - 14" (3-6 mm) movement.

Higher Wind Resistance

Secured zippered track is the mesh-to-track retention system that prevents the screen from blowing out of the track, ensuring a good seal. Screen ONE XL has been independently tested to withstand high wind speeds.

Though not intended as a preventative safety device against accidental walk–throughs or falling, this technology incorporates a zipper welded to the edge that glides through the unique slot-in-track system that keeps the screen tight and straight across large spans.

Easy to Use and Stays Open at Any Position

Screen ONE XL is easily operated by one hand. The Patented Braking Technology allows a self-locking brake to fix the screen in any position along the track and eliminates unsafe spring backs. No locks, no latches, the screen simply stops in place once released.

Ease of Maintenance

There is easy access to the screen tension spring for quick adjustment without the need to remove the housing. With Screen ONE XL, the entire screen system is easily replaced or serviced, should the need arise, by removing the housing cartridge from the sub-frame.

Open Corner Installations Possible

The Screen ONE XL is able to work in open corner installations with the use of a double screen, one coming from the left and one from the right that meet in the corner. The Patented Braking System allows the screen doors to meet in the middle, without the need of obtrusive posts or pillars.

Finish Options

Available in white or black powder coated finishes.
Custom powder coated colors available upon request.

Mesh Options

The standard mesh is made from PVC coated fiberglass for strength and durability. The standard mesh is charcoal in color and is the most translucent screening material available.

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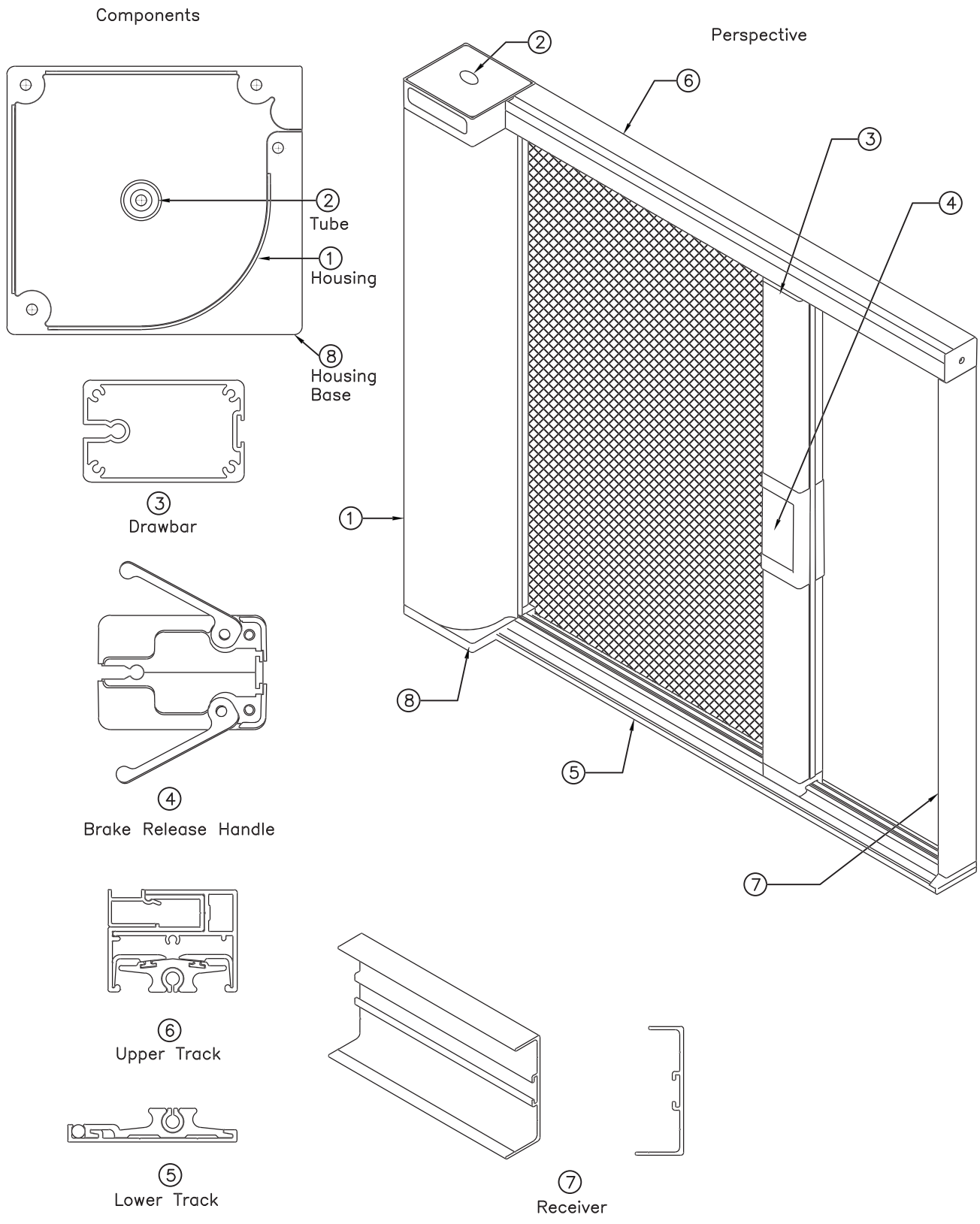
Typical Screen ONE XL Panel Components



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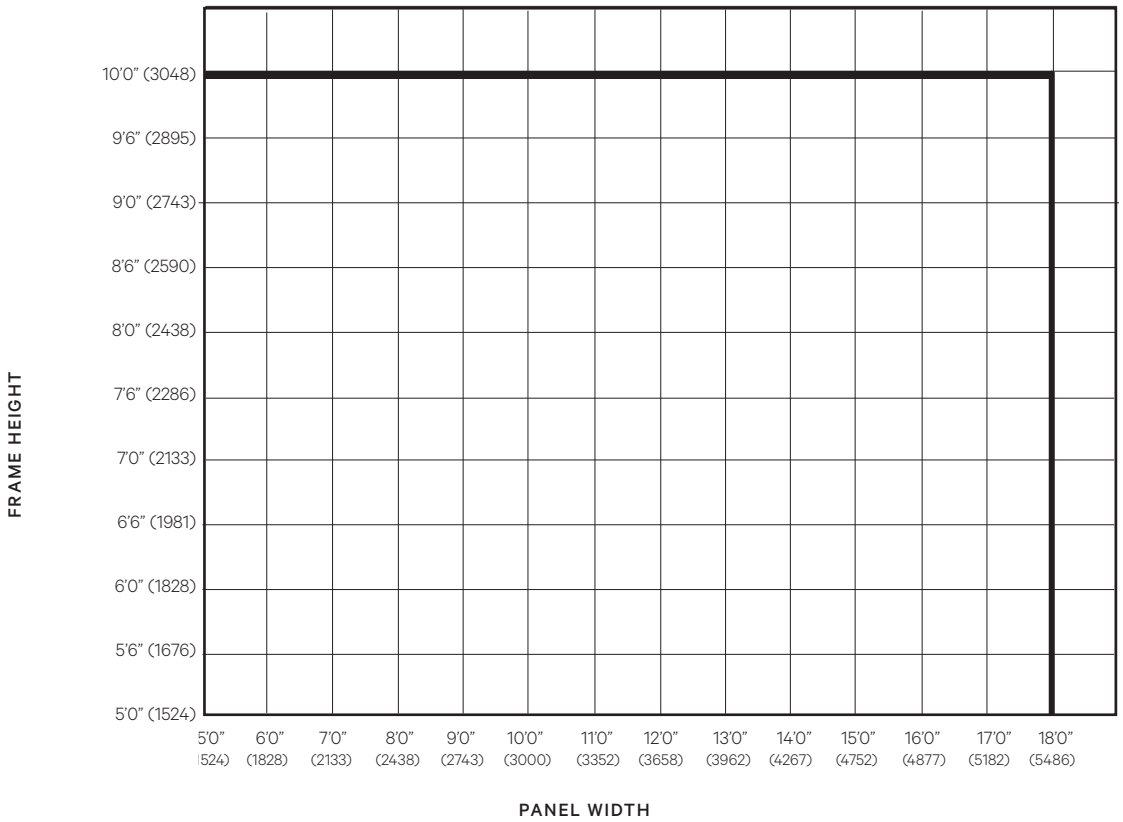
Maximum Size Chart for a Single Panel to One Side

NOTE: English dimensions are approximate.
Dimensions in parenthesis are in millimeters.



Solid line ▬ on chart indicates maximum frame width possible for a given maximum frame height.

This size chart is the maximum size chart with a single panel to one side. Any custom size is possible up to the maximum size shown.

With two panels, one to each side, openings double the above size chart can be covered, but maximum width to one side will be that of a single panel.

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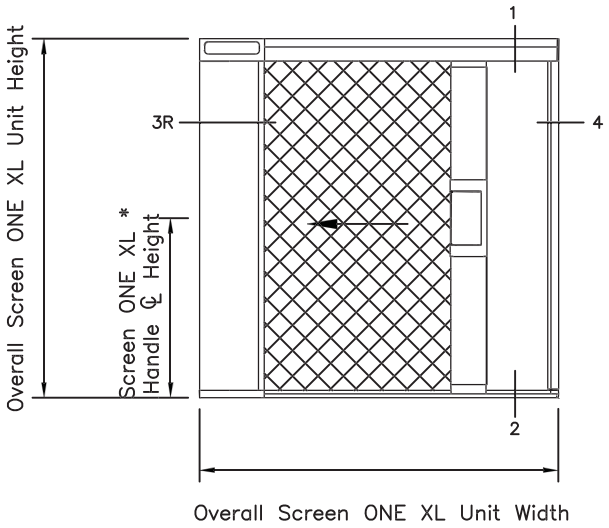
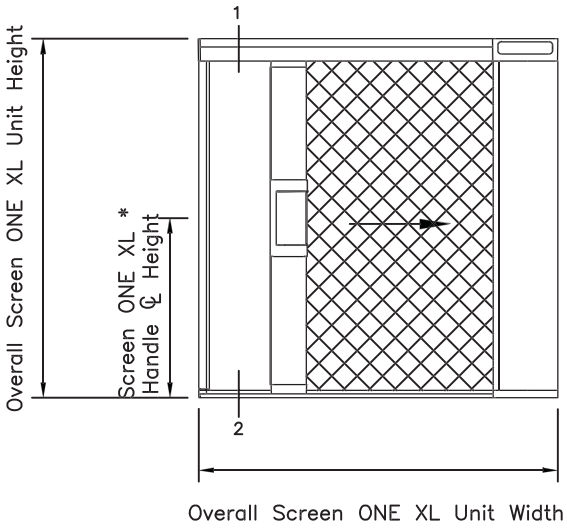
Configurations Possible

Elevation Drawings (looking from inside)

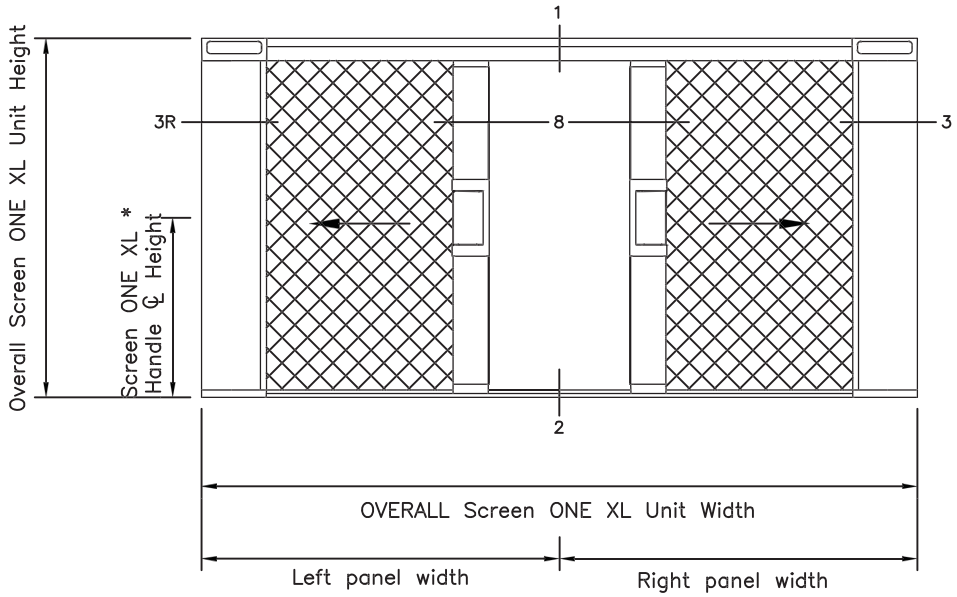
Single Screen ONE XL panel rolling into housing on the left



Single Screen ONE XL panel rolling into housing on the right



Pair of Screen ONE XL panels, one rolling into housing on the left and the other panel rolling into housing on the right



* Standard Handle ℄ Height is 4" below center of panel

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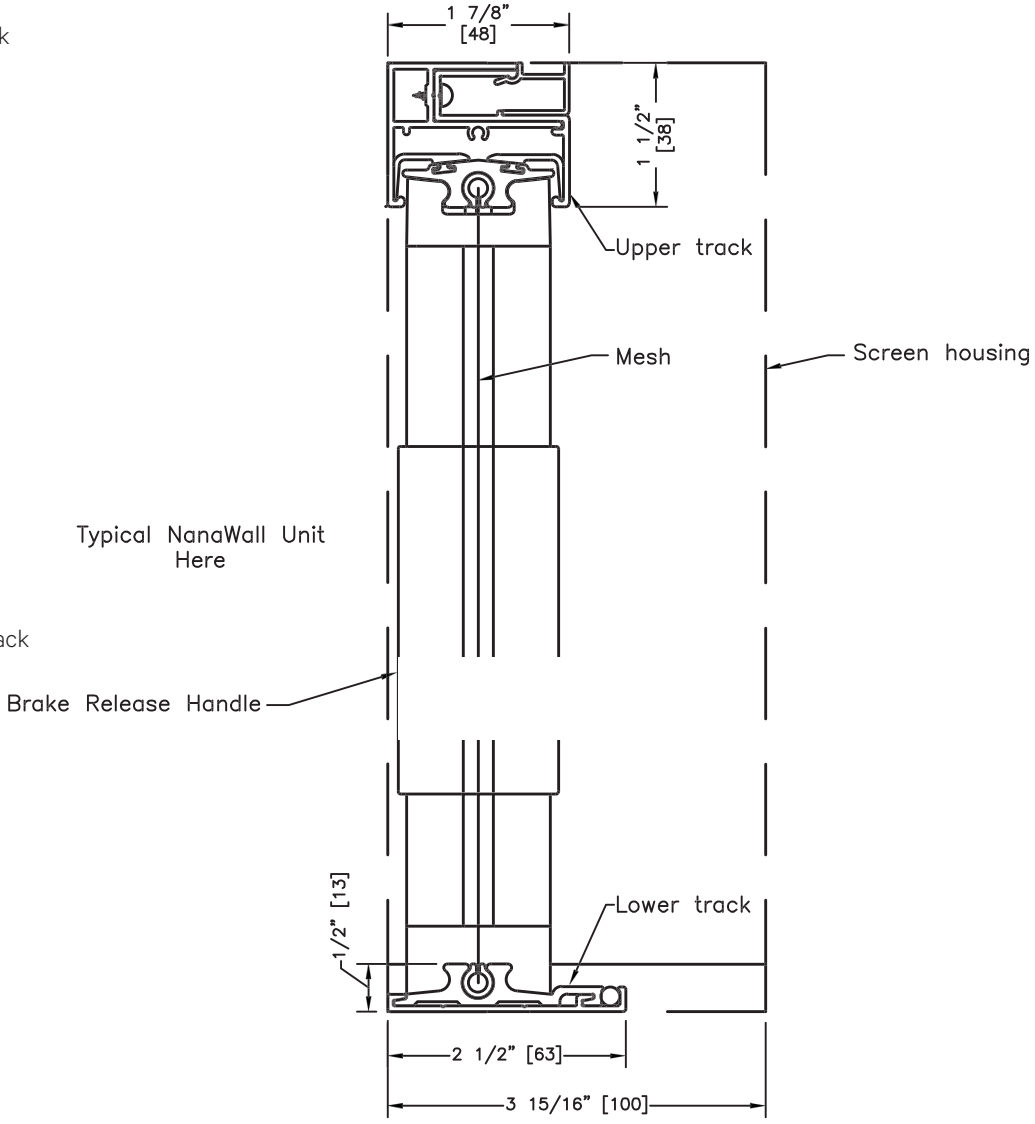
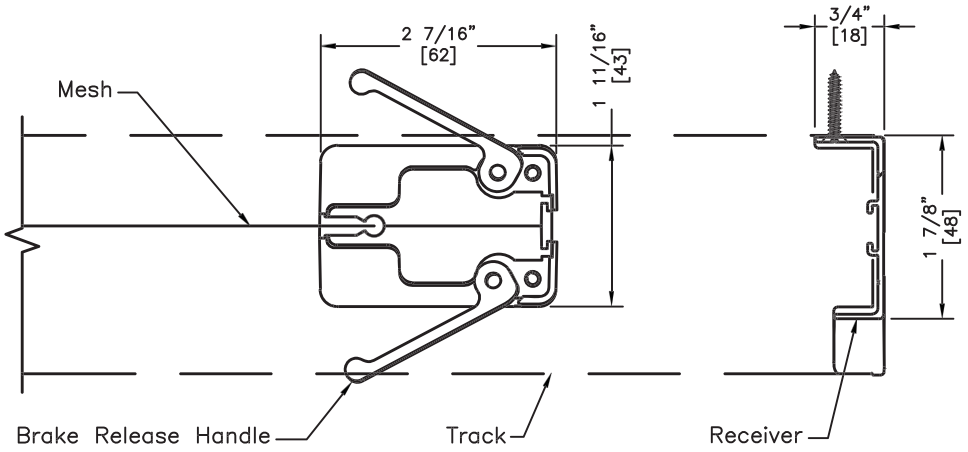
Detail 1
Head Track



Detail 2
Bottom Track

Detail 4
Screen Panel meeting
Right Side Jamb



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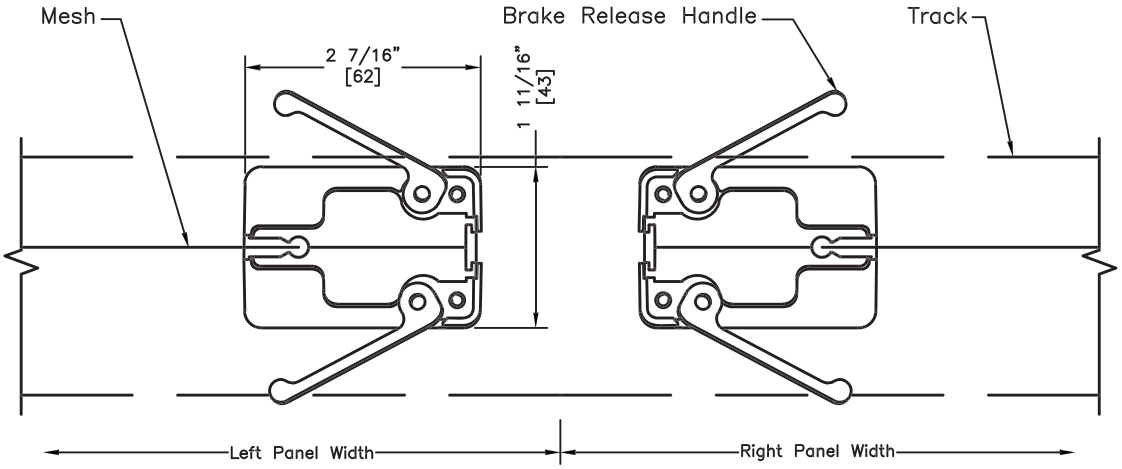
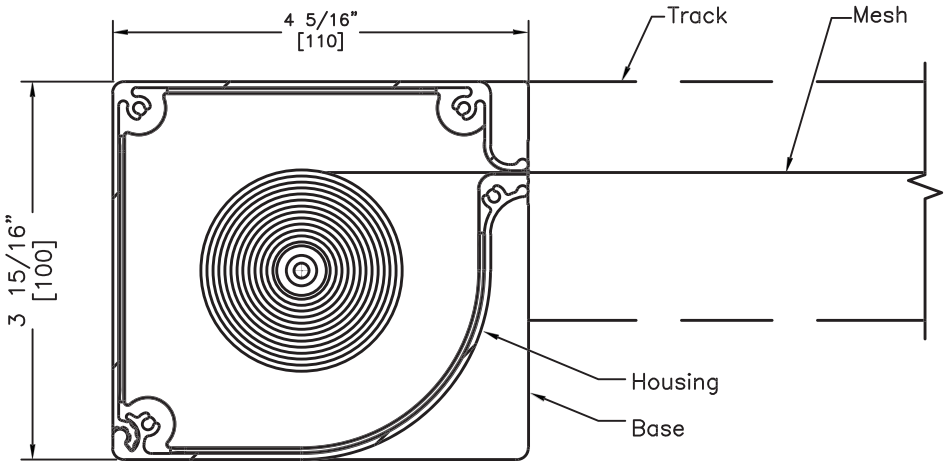
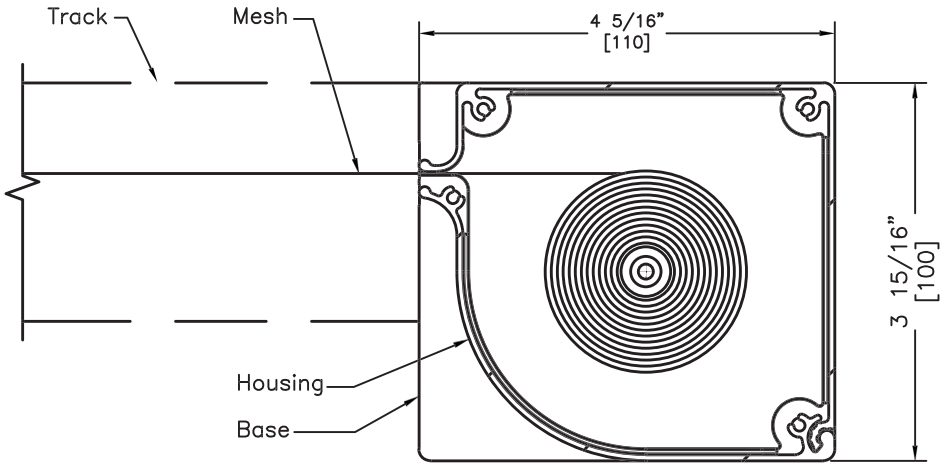
Detail 8
Two Screen
Panels Meeting



Detail 3R
Screen Panel Rolling into
Housing on the Left Side



Detail 3
Screen Panel Rolling
into Housing on the Right Side



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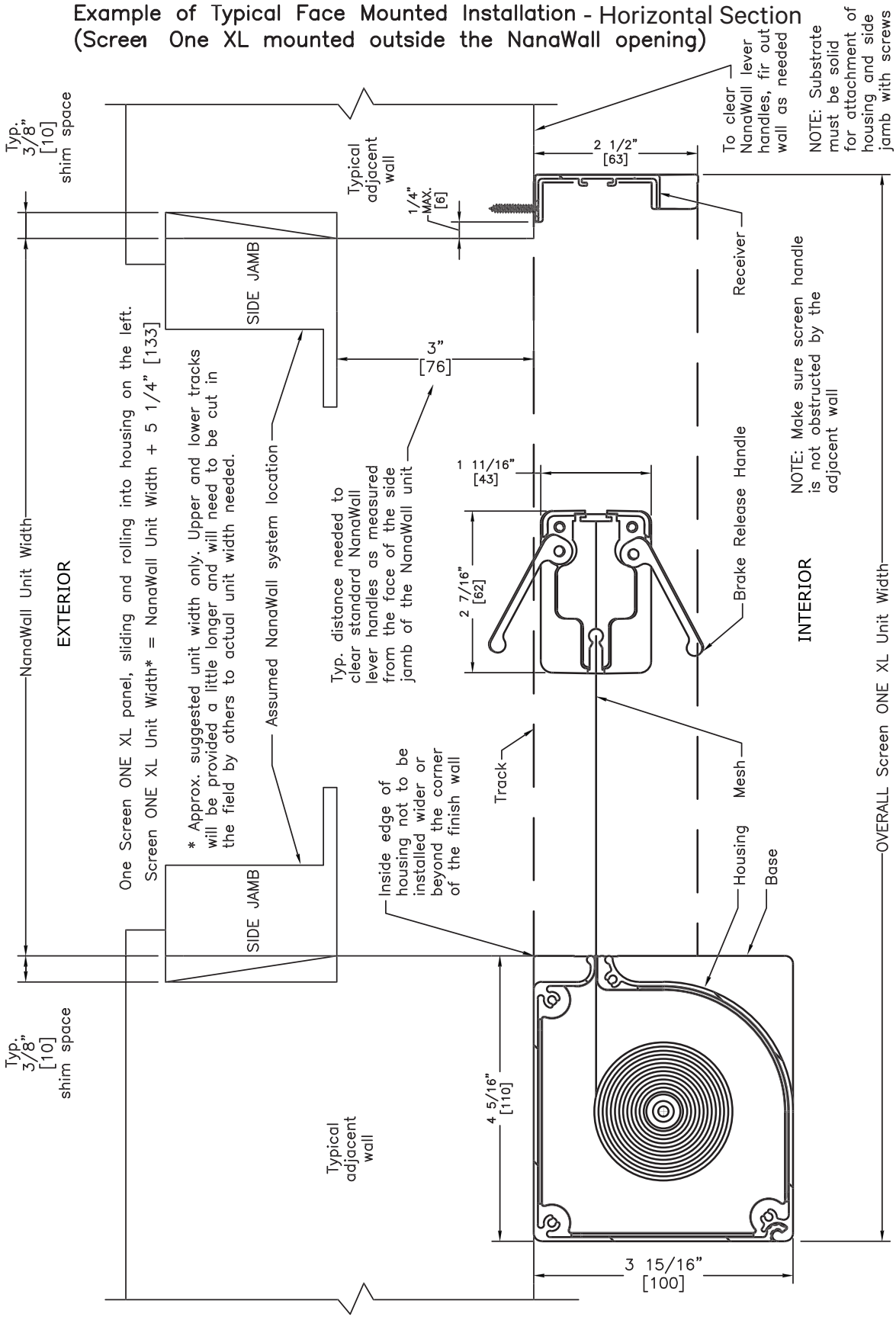

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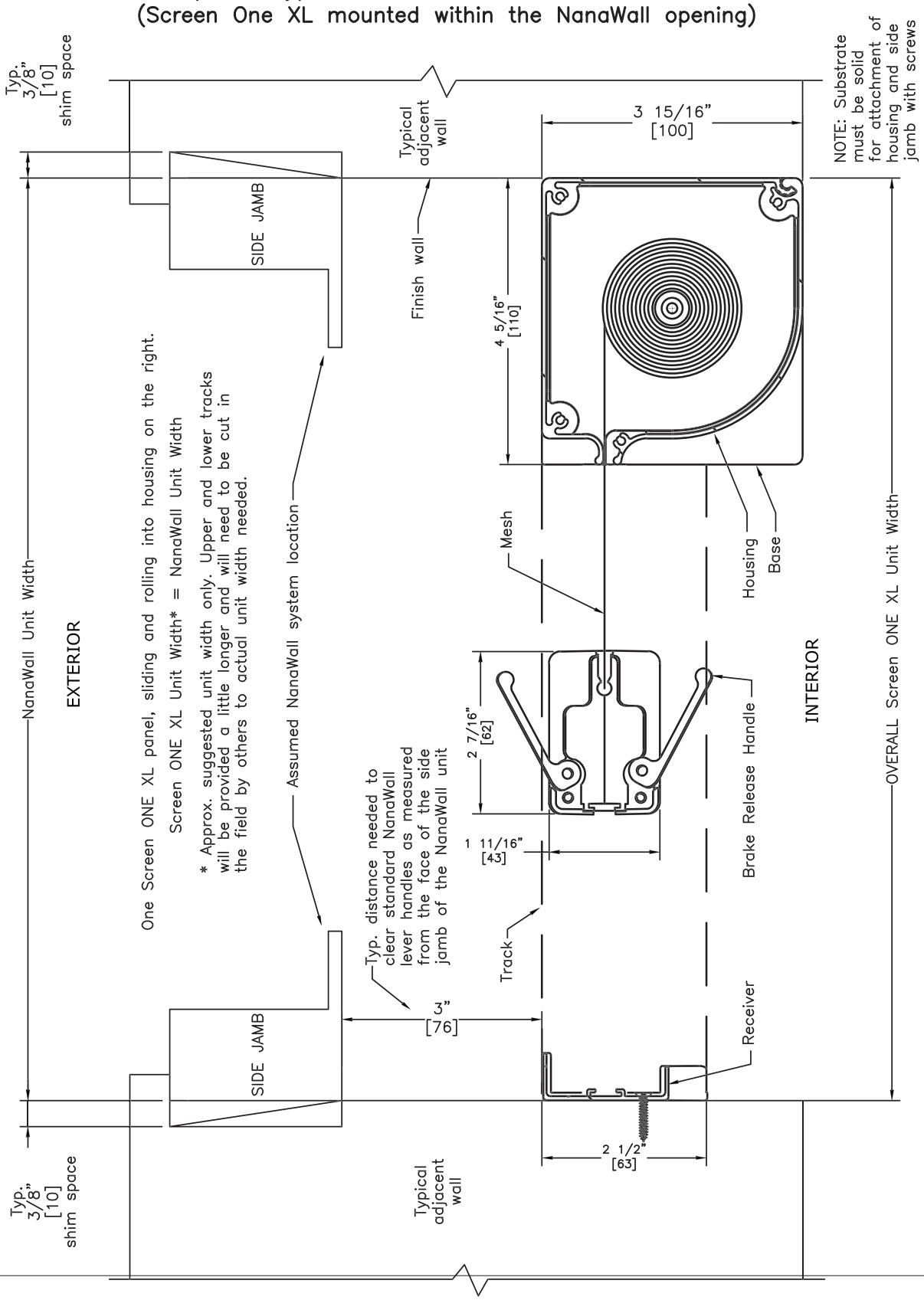
Example of Typical Inside Mount Installation - Horizontal Section (Screen One XL mounted within the NanaWall opening)



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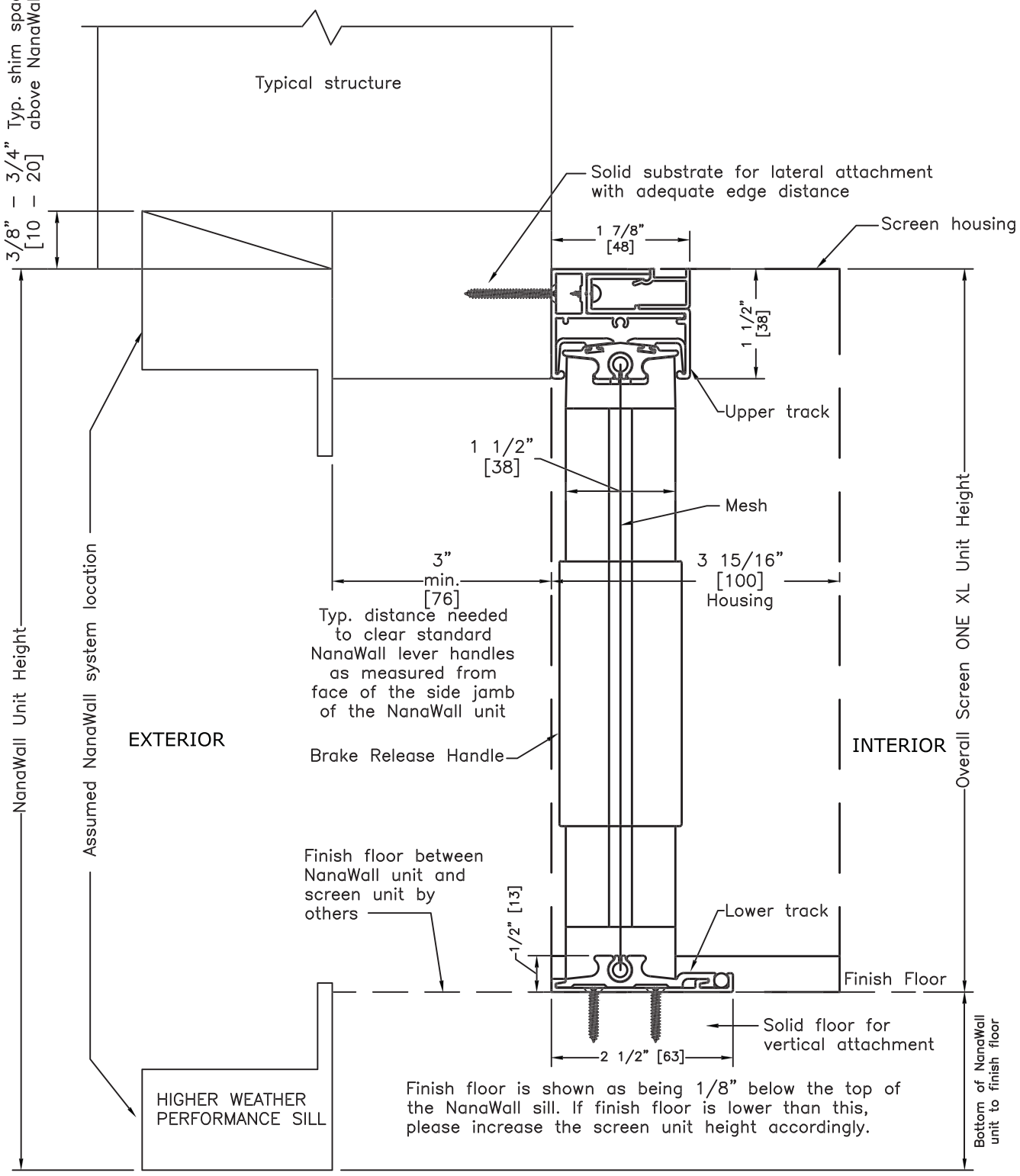
Vertical Section with Suggested Typical Face Mount Installation with Typical NanaWall Higher Weather Performance (Raised) Sill



* For future service of screen unit, if needed, housing and tracks need to be able to be removed. Any trim or other construction around the screen unit has to be removable.

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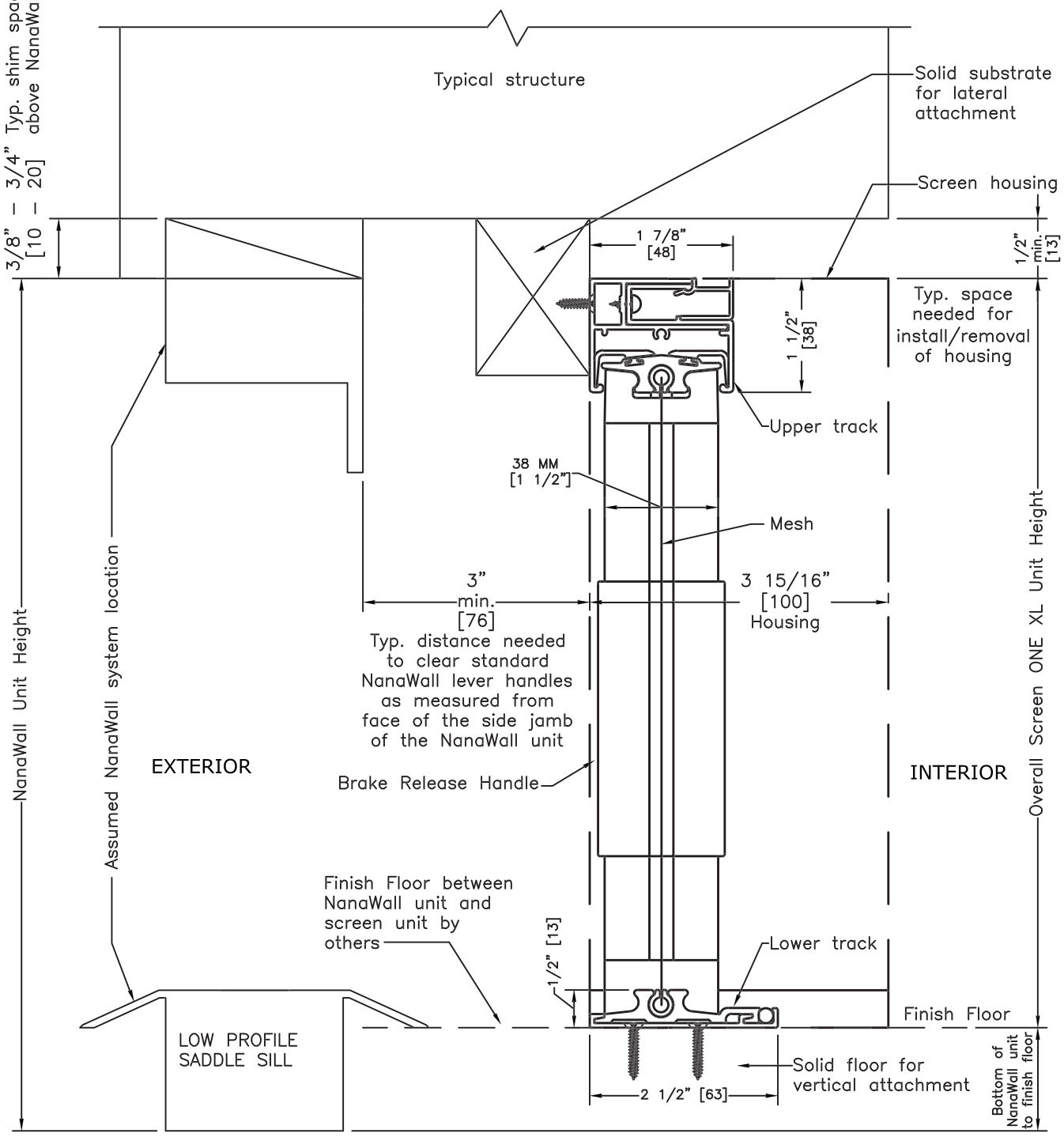
Vertical Section with Suggested Typical Inside Mount Installation with Typical NanaWall Low Profile Saddle Sill



* For future servicing of NanaWall unit, screen upper track may need to be removed and then reinstalled.

* For future service of screen unit, if needed, housing and tracks need to be able to be removed. Any trim or other construction around the screen unit has to be removable.

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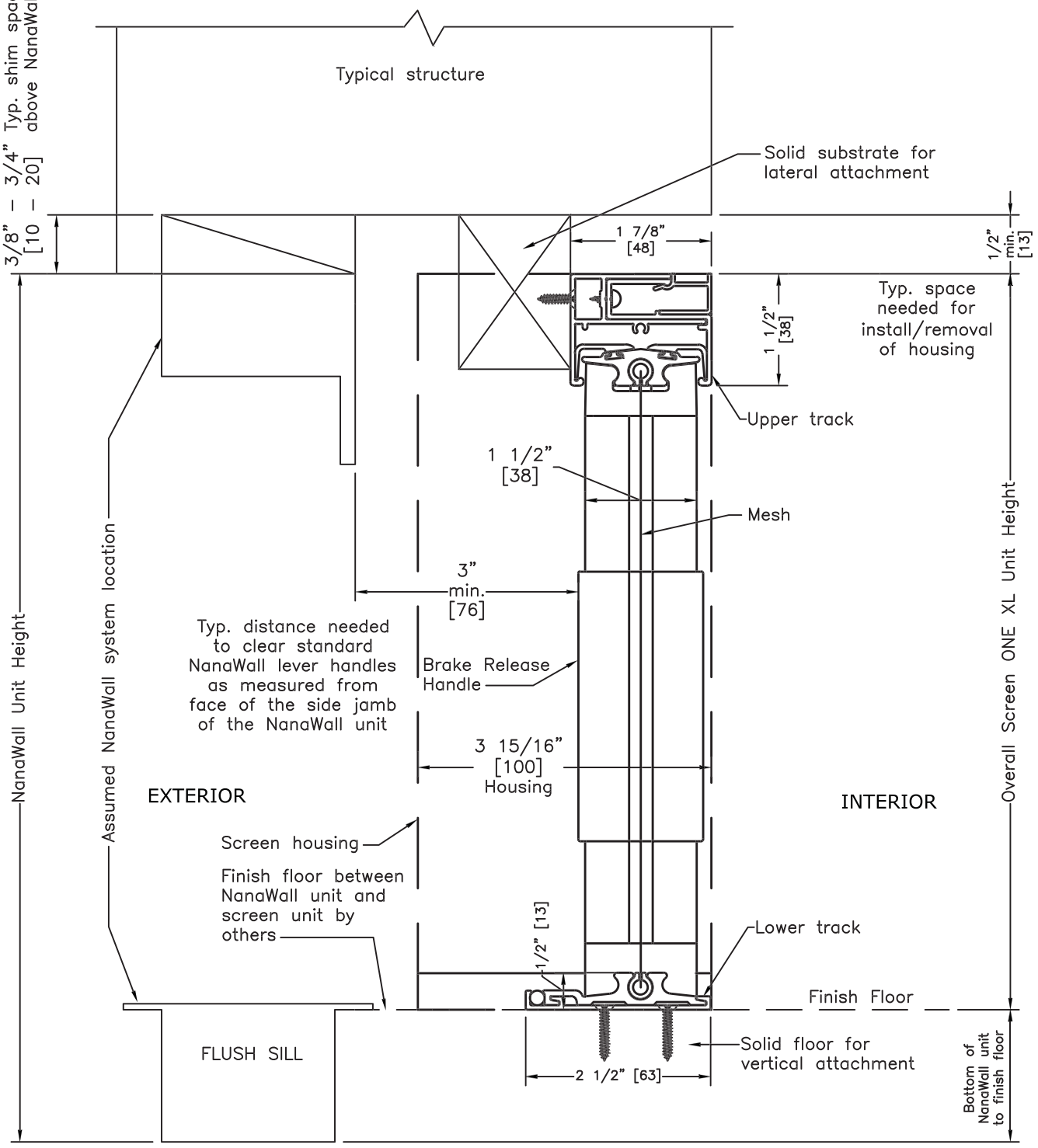
Vertical Section with Suggested Typical Inside Reverse Mount Installation with Typical NanaWall Flush Sill



* For future servicing of NanaWall unit, screen upper track may need to be removed and then reinstalled.

* For future service of screen unit, if needed, housing and tracks need to be able to be removed. Any trim or other construction around the screen unit has to be removable.

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Screen Classic: The Integrated Sliding and Pleated Screen System

The Screen Classic is a series of collapsible screen panels that stack onto each other using a single track. Depending on the height, a four-inch wide vertical cassette with pleated screen material can be expanded to a 3'3" wide screen panel. Multiple panels can be connected together to create very large, screened openings.

Additional Features & Benefits:

- The Screen Classic complements the NanaWall and provides a clear view to the outdoors.
- When fully opened, the Screen Classic easily retracts for wide-open views.
- Screen panels can be configured to provide a walk through at any location to line up with the NanaWall operable door.
- Screen panels can be stopped at any point along the single track for safe manual operation.
- The Screen Classic can be custom sized for installation within the opening of the NanaWall or be sized to stack beyond the NanaWall into a pocket.
- For the occasional mishap walk through, the screens are easy to put back in the cassette and the track.
- If both the NanaWall and Screen Classic are closed, the verticals can line up for aesthetic appeal. The beautiful, linear, pleated, polyester material creates an elegant appearance.
- When your NanaWall is an outswing unit, the Screen Classic stacks on the inside.
- If your NanaWall is an inswing unit, the Screen Classic stacks on the outside.
- The Screen Classic is single sourced with your NanaWall. Individual panels sizes can be up to 3' 3" wide and up to 8'6" high. See the Maximum Panel Size Chart.
- Multiple panels can be combined for large opening widths.
- The pre-assembled Screen Classic is easy to install.
- If requested, a certified installer is available to install the Screen Classic.

OPTION: The Screen Classic can be installed with extended tracks beyond the opening so the screen panels are out of view when not in use. For better design and performance, having an additional screen panel in the stacked area beyond the opening is suggested. The General Formula for the minimum width needed for this extra screen panel = 4 3/4" (width of this extra screen panel with side jamb) + 4 1/16" x number of screen panels in the opening that are to be stacked beyond the opening on a side.

If screen panels are to be stacked beyond the opening on both sides, then two additional screen panels would be needed - one at each end.

WARNING Screen Classic is intended to provide reasonable mosquito control and are not intended to provide security or provide for the retention of objects or persons from the interior.

Depending on the height and width, Screen Classic is not designed to be able to stay in place with wind speeds of more than 10-15 mph. If higher winds are expected, to prevent damage, please open the screens or remove them completely.

Please see pages 3 through 7 of this section for more information and details.

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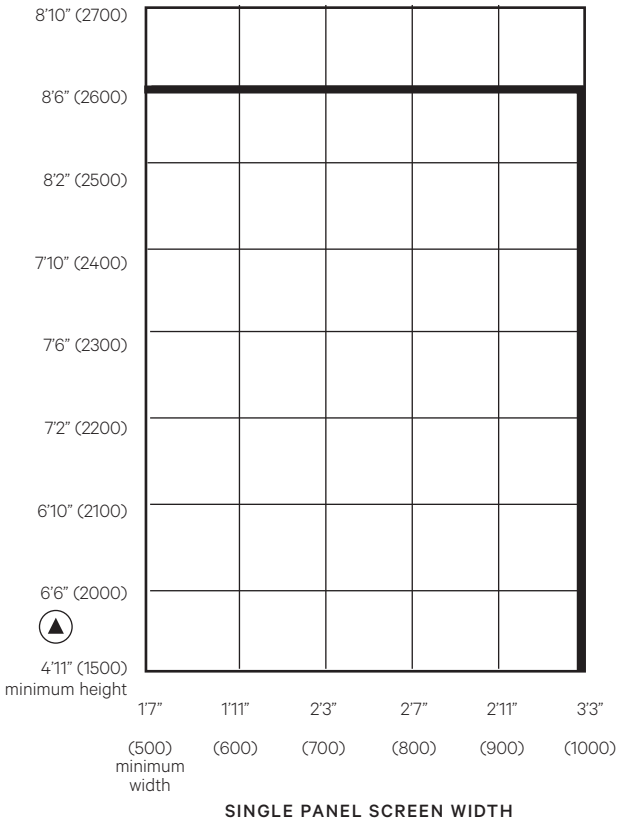
NOTE: English dimensions are approximate.
Dimensions in parenthesis are in millimeters.



Any custom single screen panel size is possible within the minimum and maximum sizes shown.

A series of single screen panels can be connected to stack onto each other creating a wide opening.

The unit width is the panel width multiplied by the number of panels.

▲ Indicates height increase

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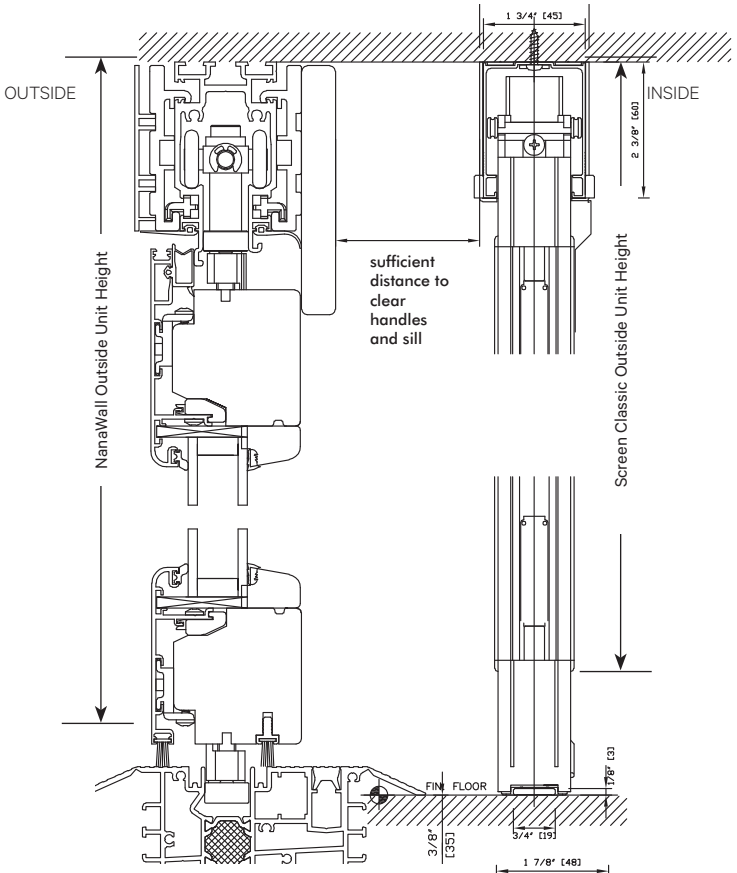
NanaWall Outward Opening Unit with Low Profile Saddle Sill and Screen Classic unit on the Inside

(Typical Vertical Cross-section Example with Screen Classic™ System)

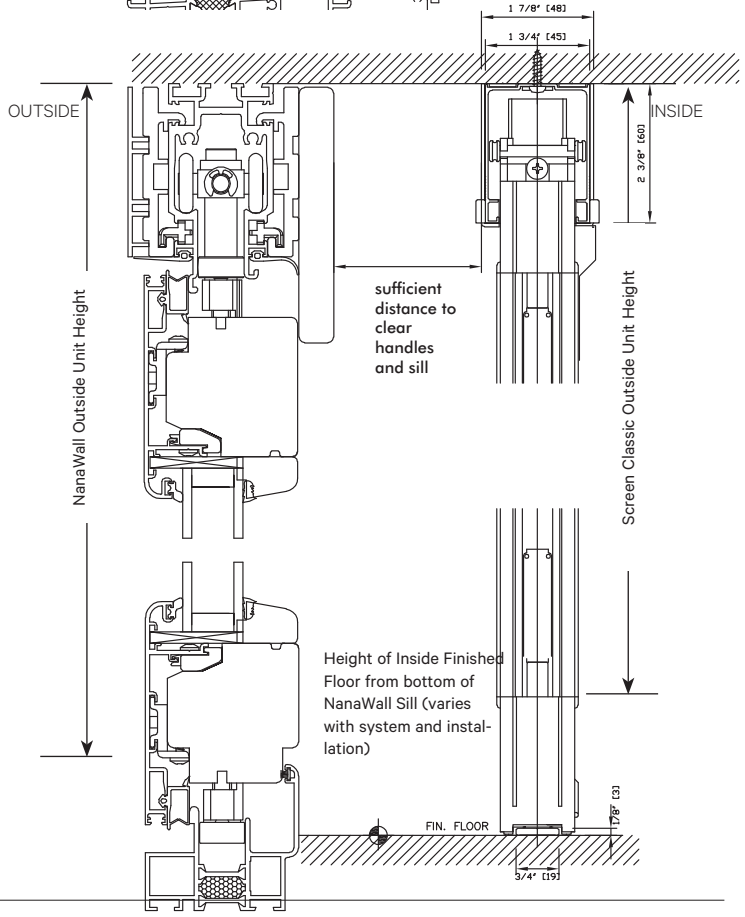
Screen Classic Outside Unit Height = NanaWall Outside Unit Height minus **height of sill below finish floor (1 3/8" in this case, but may be different for different NanaWall systems).**



NanaWall Outward Opening Unit with Raised Sill (higher weather performance sill) and Screen Classic Unit on the Inside

(Typical Vertical Cross-section Example with Screen Classic system)

Screen Classic Outside Unit Height = NanaWall Outside Unit Height minus **Height of sill below inside finish floor**



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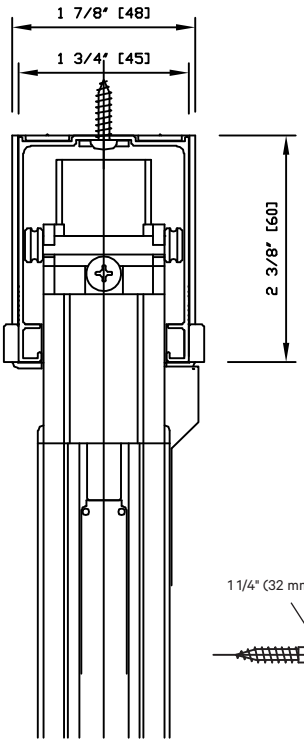
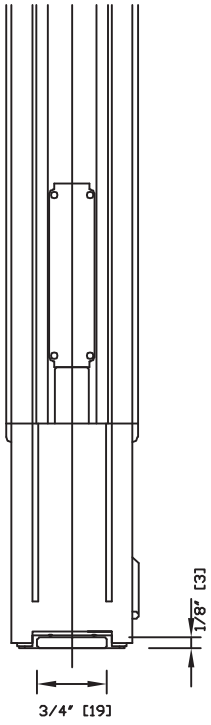
Detail 1 Head Jamb



Detail 2 Sill

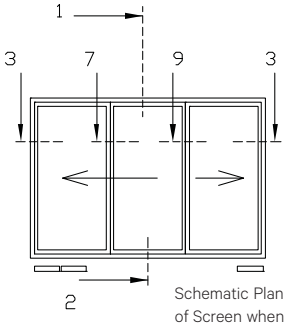


Some Typical Configurations Possible with 3 Panels

Elevation Drawings (looking from inside)

Model 2L1R

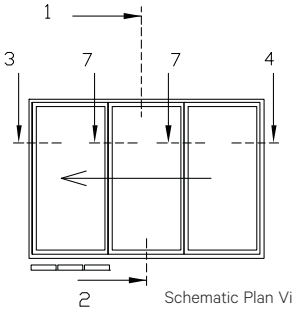
Screen Panels Sliding to Both Sides



Schematic Plan View of Screen when Open

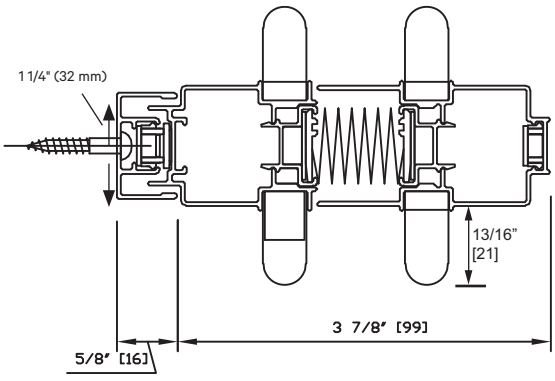
Model 3L

All Screen Panels Sliding to One Side

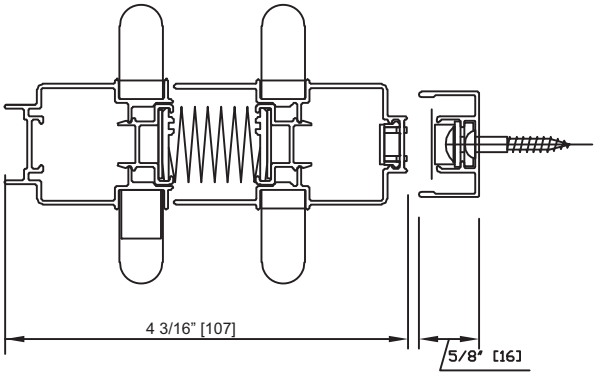


Schematic Plan View of Screen when Open

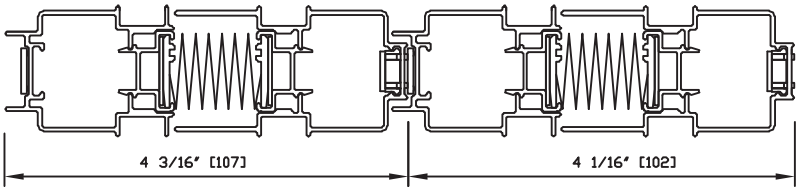
Detail 3 Panel Attached to Wall



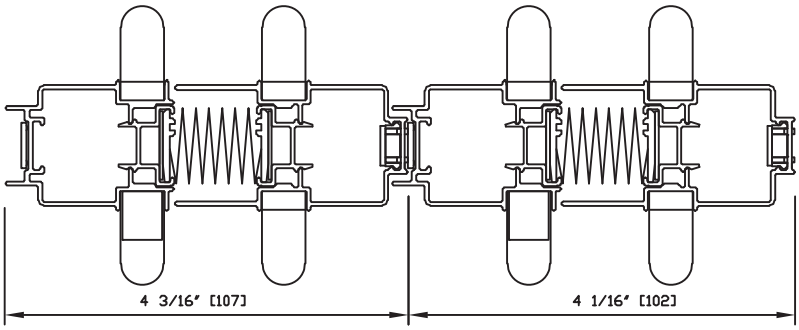
Detail 4 Panel Meeting Side Jamb



Detail 7 Two Screen Panels Attached to Each Other



Detail 9 Two Screen Panels Meeting



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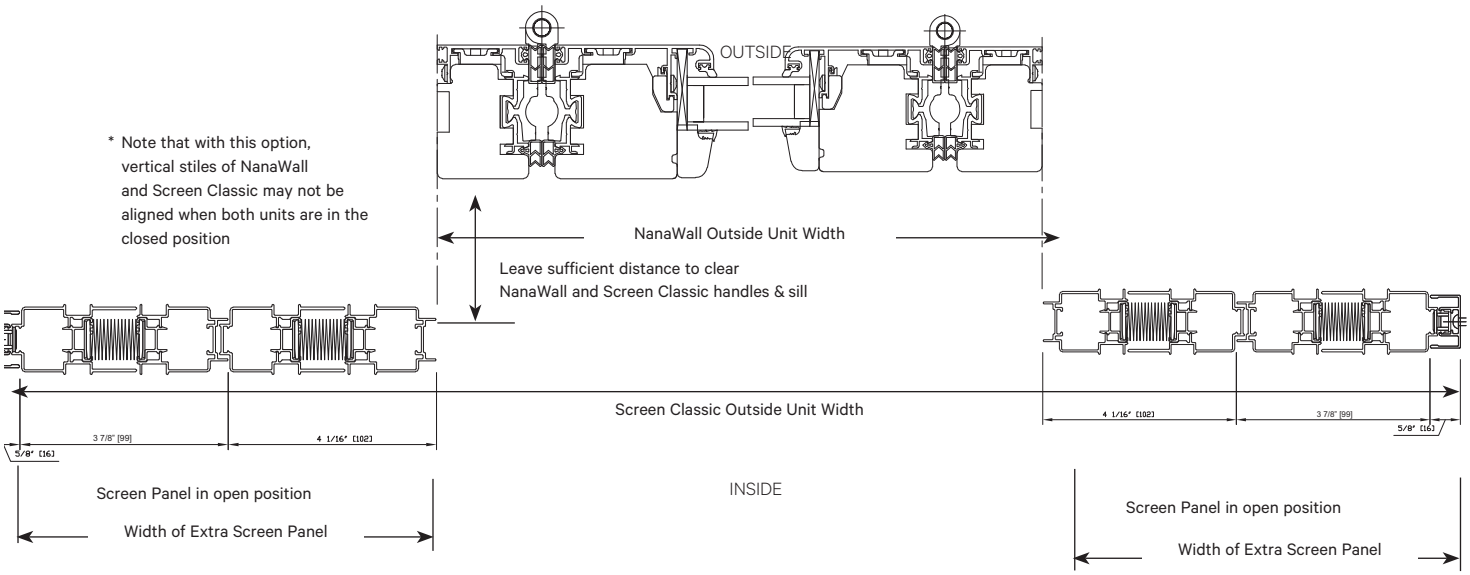
Example of a NanaWall Outward Opening Unit with a Screen Classic Unit on the Inside and Stacking of the Screen Classic Unit Beyond the NanaWall Opening on Both Sides

Typical Horizontal Cross-section Example with a 2 panel WA 67 System (1L1R configuration)

There will be 2 Screen panels in the Opening and an Extra Screen Panel on both sides or a total of 4 Screen Panels. Based on the formula for the minimum width, the minimum width of the extra screen panel = 4 11/16" + 4 1/16" = 8 3/4". In this case, the width of both Extra Screen Panels are equal.

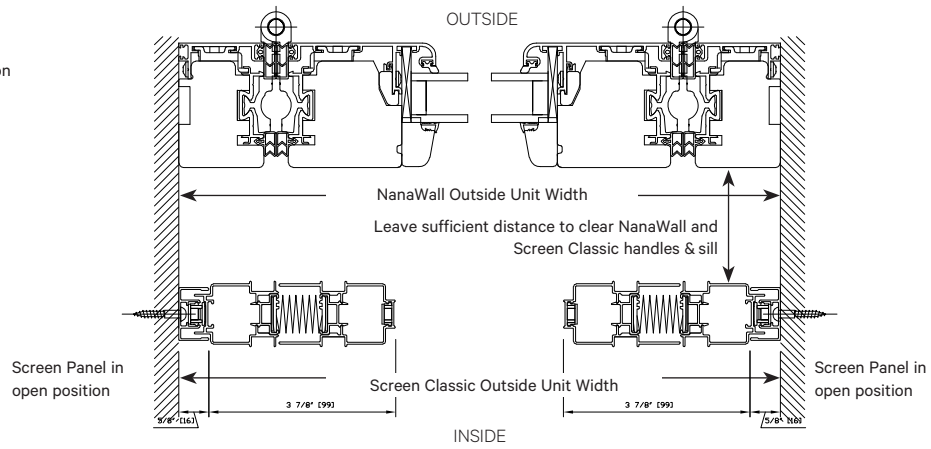
Minimum Total Screen Classic Outside Unit Width = NanaWall Outside Unit Width + 8 3/4" + 8 3/4" = NanaWall Outside Unit Width + 17 1/2".



NanaWall Outward Opening Unit with Screen Classic Unit on the Inside and Stacking Within NanaWall Opening

Typical Horizontal Cross-section Example with a 2 panel Screen Classic

Screen Classic Outside Unit Width = NanaWall Outside Unit Width



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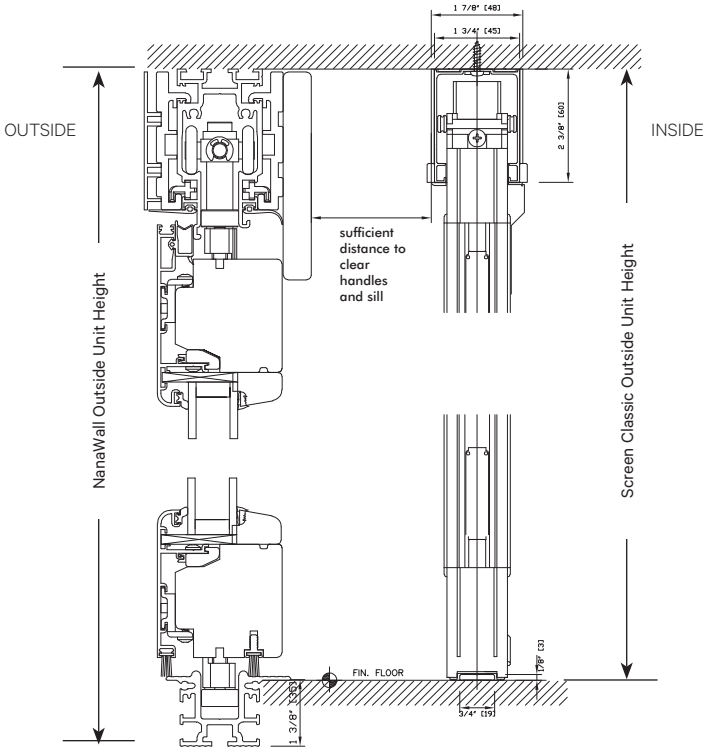
NanaWall Outward Opening Unit with Flush Sill and Screen Classic Unit on the Inside

(Typical Vertical Cross-section Example with Screen Classic System)

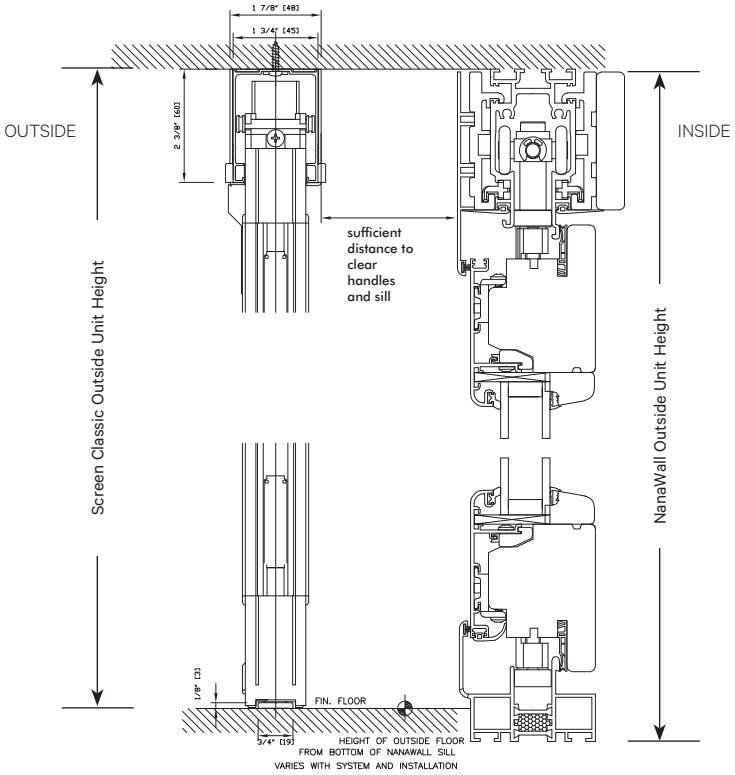
Screen Classic Outside Unit Height = NanaWall Outside Unit Height minus **height of sill below finish floor (1 3/8" in this case, but may be different for different NanaWall systems).**



NanaWall Inward Opening Unit with Raised Sill (higher weather performance sill) and Screen Classic Unit on the Outside

(Typical Vertical Cross-section Example with WA 67 System)

Screen Classic Outside Unit Height = NanaWall Outside Unit Height minus **Height of sill below outside finish floor.**



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