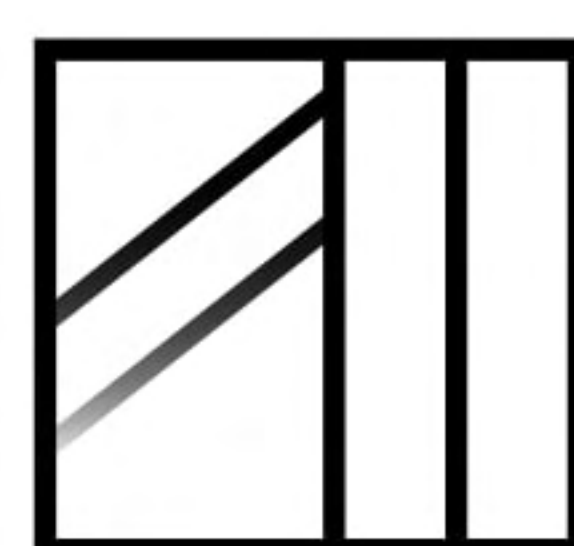




PANDA
WINDOWS & DOORS



Slim-Line



Quality

Engineering and Craftsmanship

We've been designing European-inspired windows and doors for over 30 years, catering to custom luxury residential and commercial projects.

Our dedicated team of engineers focuses on innovation and excellence, delivering industry-leading, premium-grade products.

Materials

Extrusions and Hardware

We source only the finest materials from the leading suppliers around the world. Products are made from abundantly available, highly recyclable, and sustainable materials.

Our hardware is designed in-house and features patented innovations, guaranteeing exceptional product fidelity and performance.



Custom

Bespoke and Innovative

Choose from over 80 state-of-the-art products, including sliding, folding, stacking, swinging, and pivoting options, all customizable to your exact specifications.

We offer select premium features such as automation, smart home integration, biometric smart locks, smart glass technology, and much more.

Service

Tailored and Reliable Support

An experienced team is just a call or a click away. So whether you need onsite support, a replacement part, or guidance over the phone, we're committed to resolving the issue quickly.

You can count on our exceptional customer support backed by a 10-year Warranty. Enjoy your windows, your doors, and your peace of mind.





Highlights

Panda's award-winning Slim-Line doors offer industry-leading 15/16" sightlines with options for varied performance and budgets. Reaching up to 20' tall, they feature multi-point locks, HVHZ approval for Florida, and a sleek, modern design.

Expansive Views

Panda's systems can feature an unlimited number of panels and frame widths on a recessed track, so you can enjoy more views and natural light.

Configurations

Choose from straight, split-height (FlexCounter), 90° postless corner, and radius configurations, available in bi-part, pocketing, and non-pocketing options.

Truly Custom

Add sidelite or transom windows, simulated divided lites with custom grid patterns, muntins, mid-rails, wood cladding, and more to create a design that is uniquely yours.



TS.X0 Multi-Slide

Winner of Window + Door Magazine's 2019 Award for **Most Innovative Patio, Multi-Slide, or Multi-Panel System**



Highlights at a Glance	X0 Multi-Slides	NOVA Lift & Slide	TS.77 Windows
Max. Panel Height	240"	144"	180"
Max. Panel Width	200"	108"	180"
Max. Frame Width	Unlimited	Unlimited	Unlimited
Max. # of Panels	Unlimited	Unlimited	Unlimited
Impact Rated Options	Available	-	-
ADA-Compliant Options	Available	Available	-



10
YEAR

WARRANTY



Specifications



Model	TS.X0	Tavi.X0	NOVA.LS	TS.77
Material	Aluminum	Aluminum	Aluminum	Aluminum
Operation	Multi-Slide	Multi-Slide	Lift & Slide	Window
Thermally Broken	Yes	Yes	Yes	Yes
Impact Rated	Yes	-	-	-
Style	Modern	Modern	Modern	Modern
Maximum Panel Height	240"	180"	144"	180" Fixed 96" Casement, Tilt & Turn 60" Awning, Hopper
Maximum Panel Width	200"	120"	108"	180" Fixed 40" Casement, Tilt & Turn 84" Awning, Hopper
Maximum Frame Width	Unlimited	Unlimited	Unlimited	Unlimited
Maximum Panel Weight	2000 lbs	700 lbs	1000 lbs	-
Maximum Panel Count	Unlimited	5 Surface* Unlimited Recessed	Unlimited	Unlimited
Panel Depth	2 5/16"	2 5/16"	2 3/16"	3 1/16"
Stile	1 5/16"	1 5/16"	2"	1 3/8" Fixed 2 3/4" Operable
Rail	1 5/16"	1 5/16" Top 1 15/16" Bottom	2" Top 2 3/16" Bottom	1 3/8" Fixed 2 3/4" Operable
Lock Type	Concealed Two-Point	Concealed Two-Point	Concealed Multi-Point	Concealed Multi-Point (Operable Only)
U-Factor†	0.42	-	-	-
SHGC	0.24	-	-	-
Screen Options	Retractable, Sliding	Retractable, Sliding	Retractable, Sliding	Retractable (Outswing) Fixed (Inswing)

* Surface tracks can accommodate 5 panels in one direction, or 10 panels total for bi-parting systems (5 in each direction).

† U-Factors are based on Cardinal 366 Low-E glass unless stated otherwise.

Looking for something bigger? Our team can design doors bigger than recommended sizes. Reach out today!



Handles



TS.X0 and Tavi.X0 Exclusive



Tavi

Powder Coated to Match

NOVA.LS Exclusive



NOVA Handle

Satin Chromium

Matte Black

TS.77 Exclusive



Modern V

Black



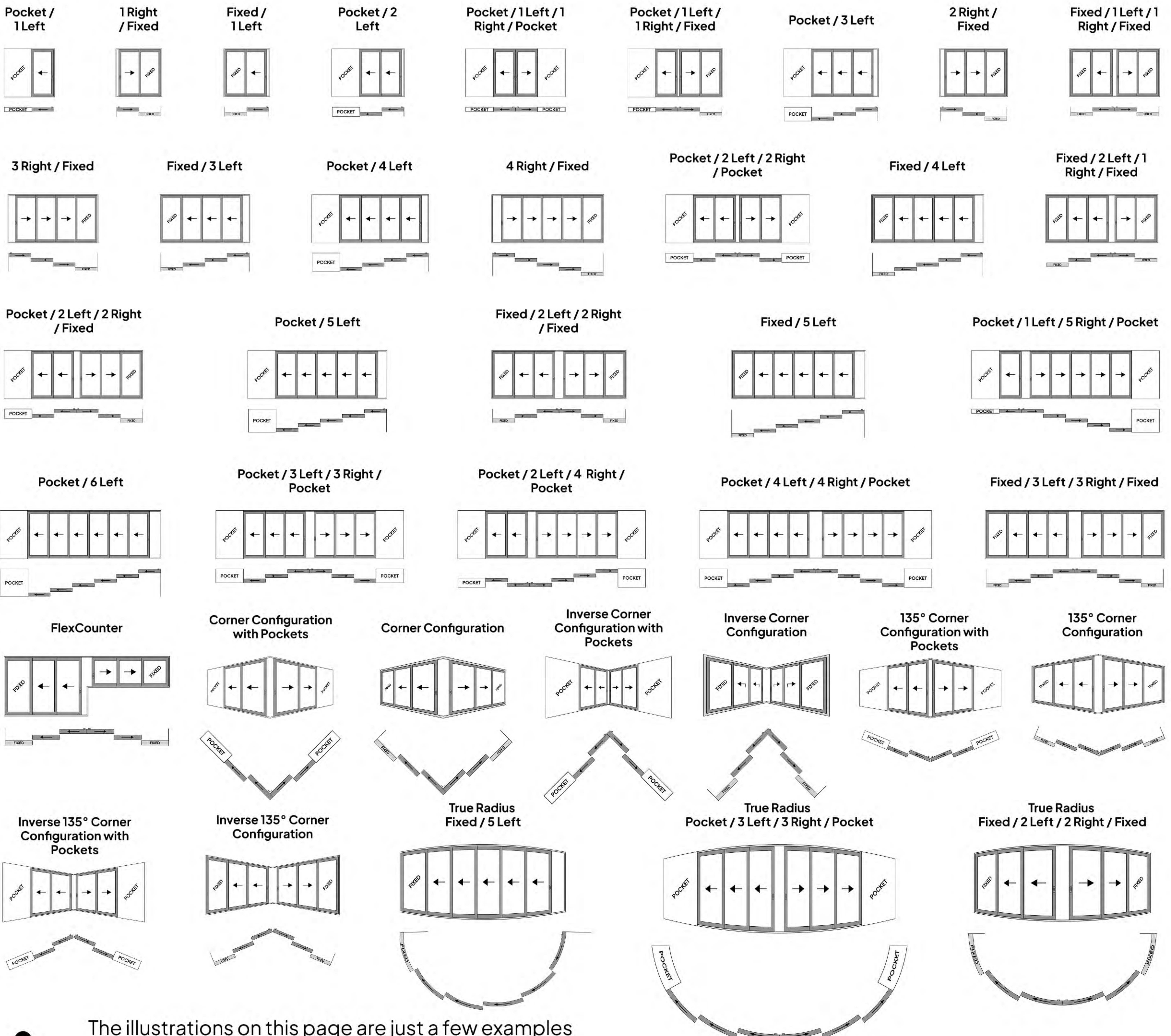
Modern Long

Black



Configurations

TS.X0, Tavi.X0, NOVA.LS



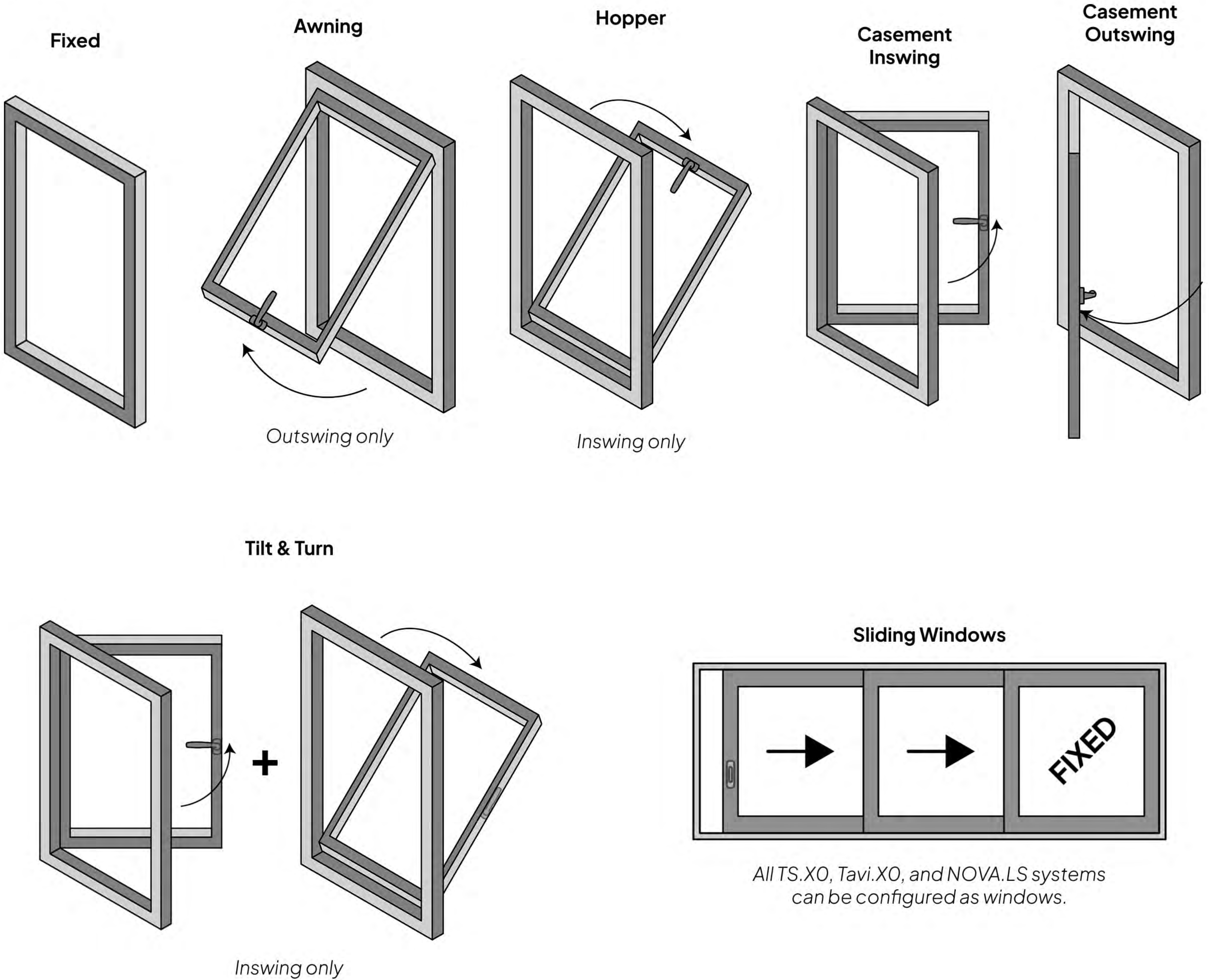
The illustrations on this page are just a few examples of the configurations available for Sliding Doors.

Illustrations viewed from the exterior. Hardware is shown for illustration purposes.



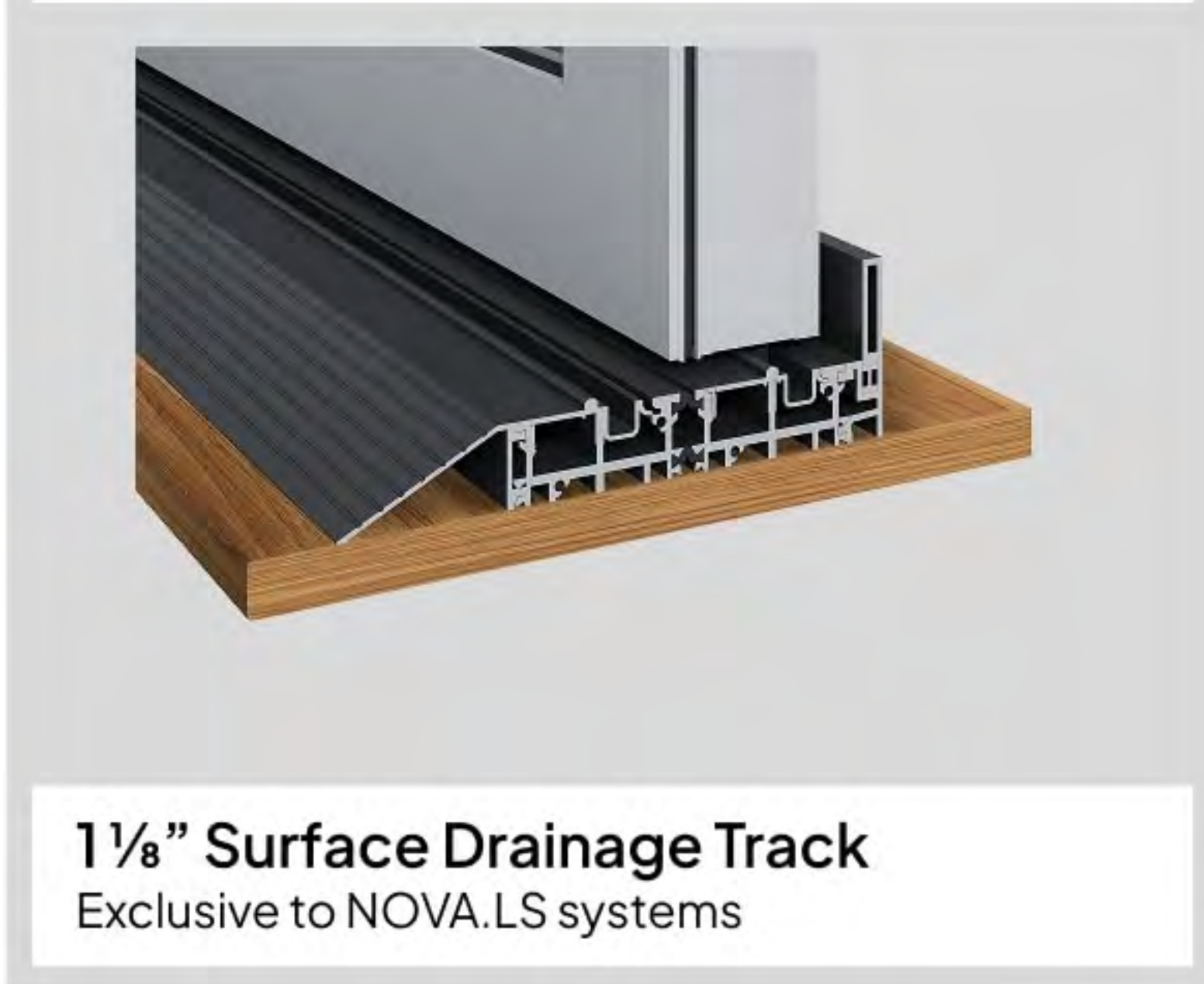
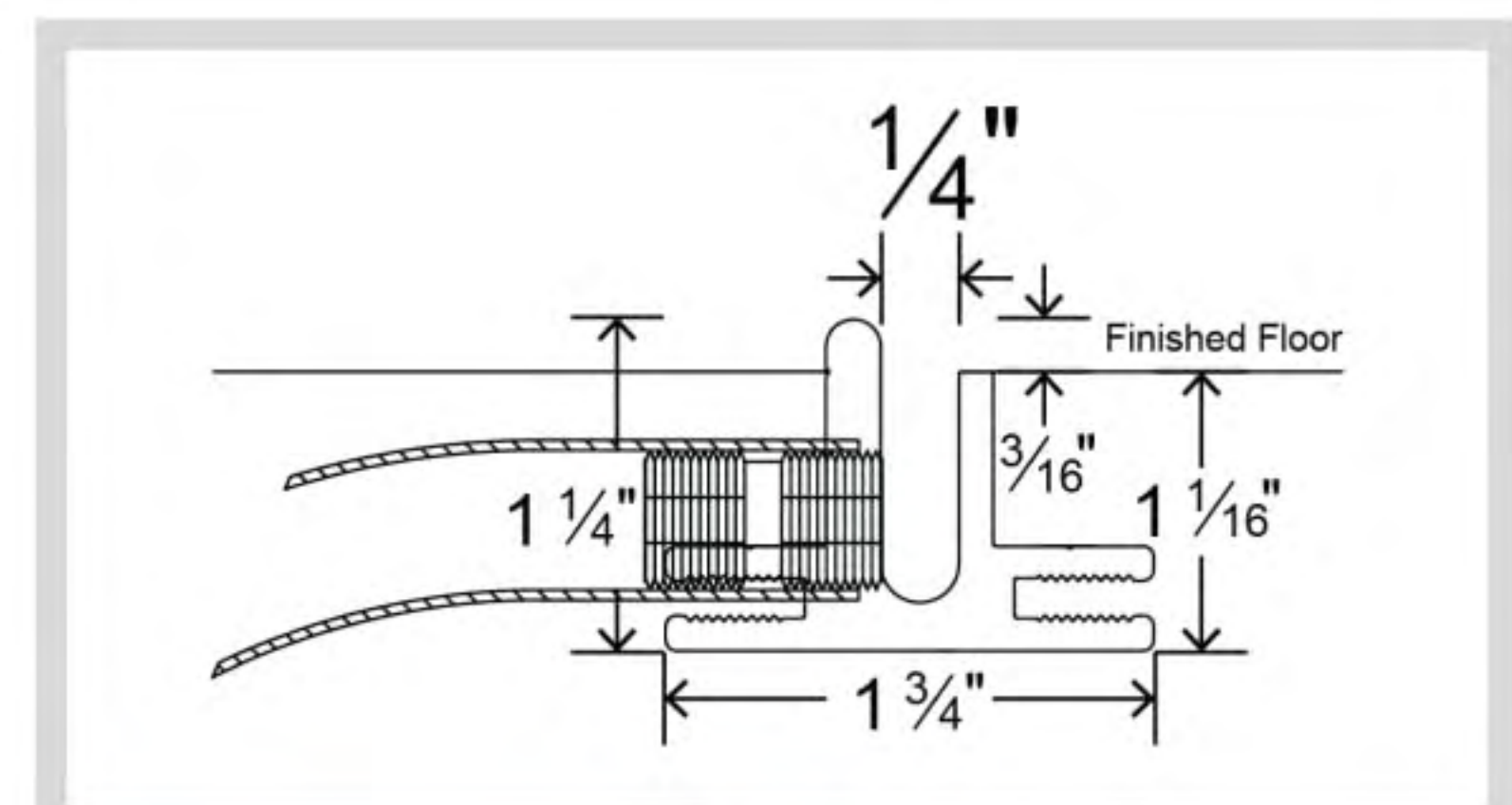
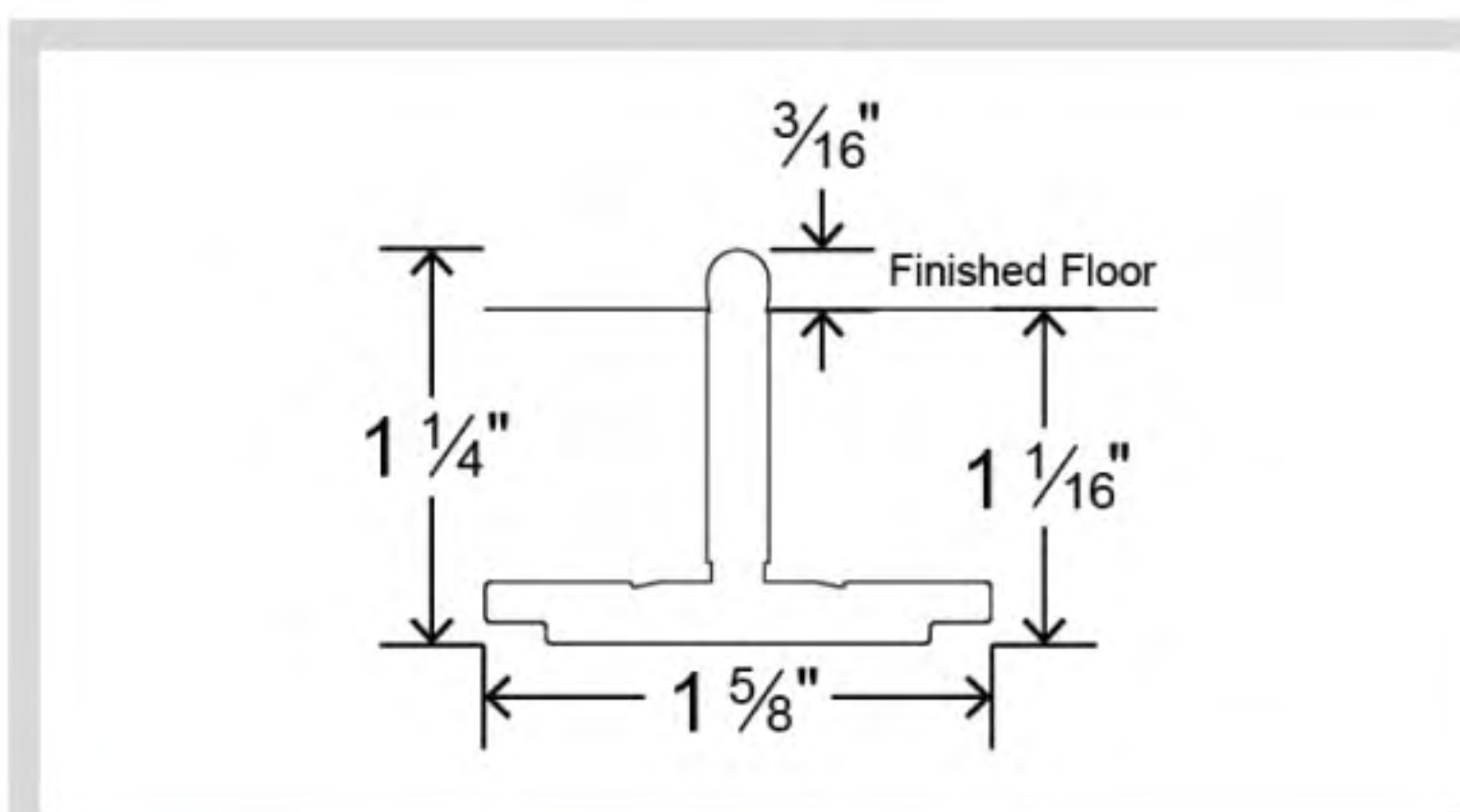
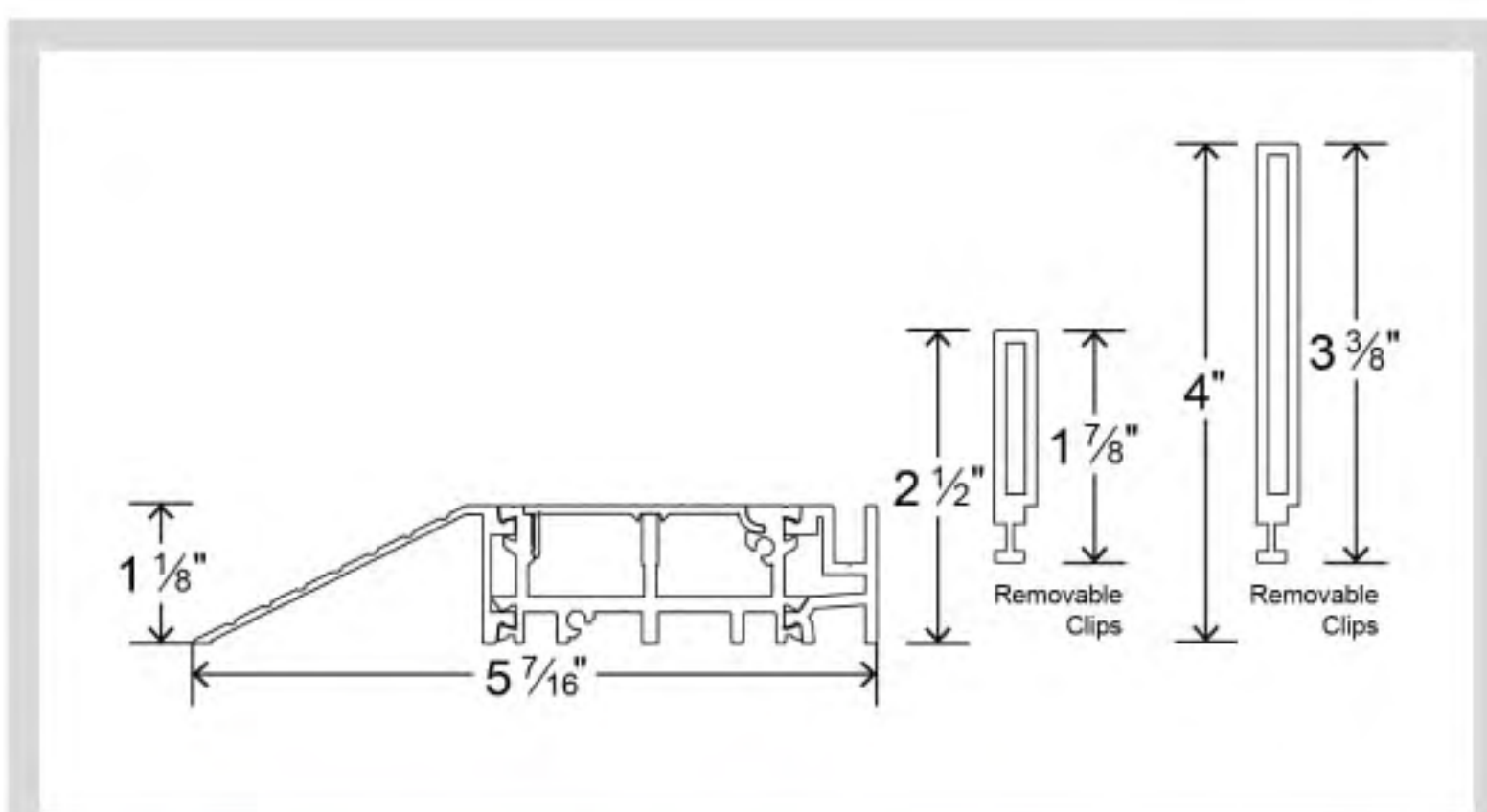
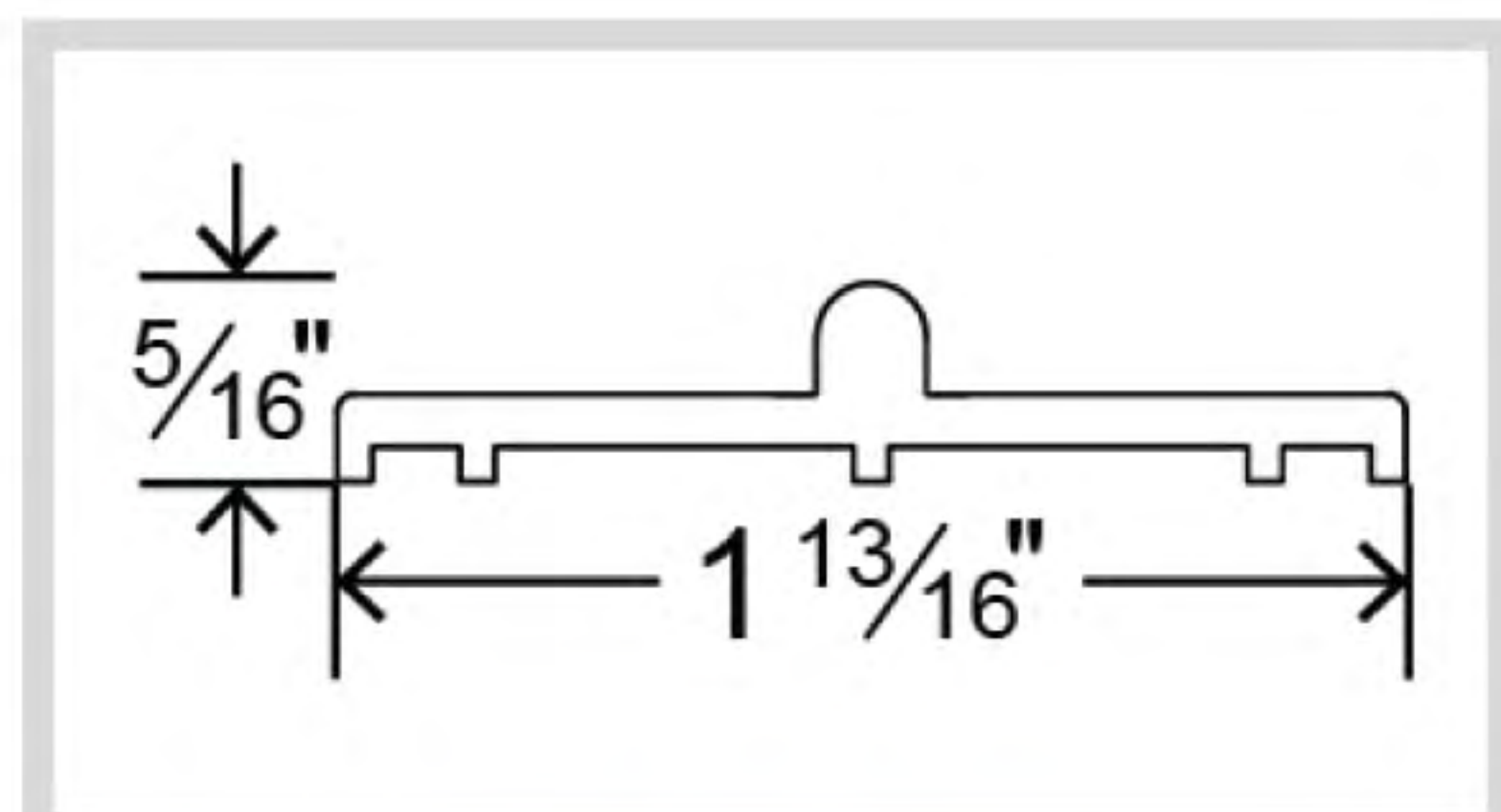
Configurations

TS.77



All TS.X0, Tavi.X0, and NOVA.LS systems can be configured as windows.

Tracks

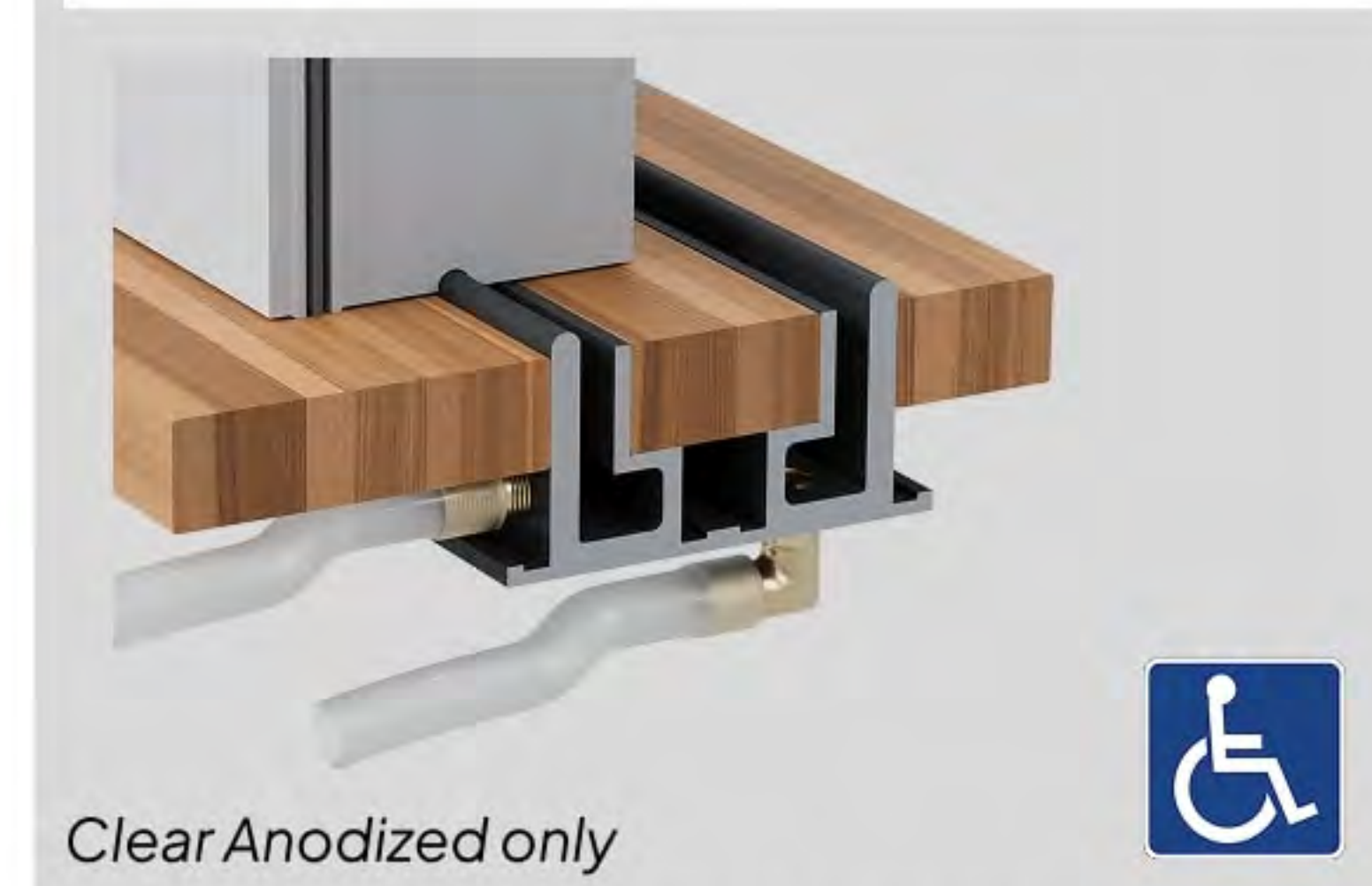
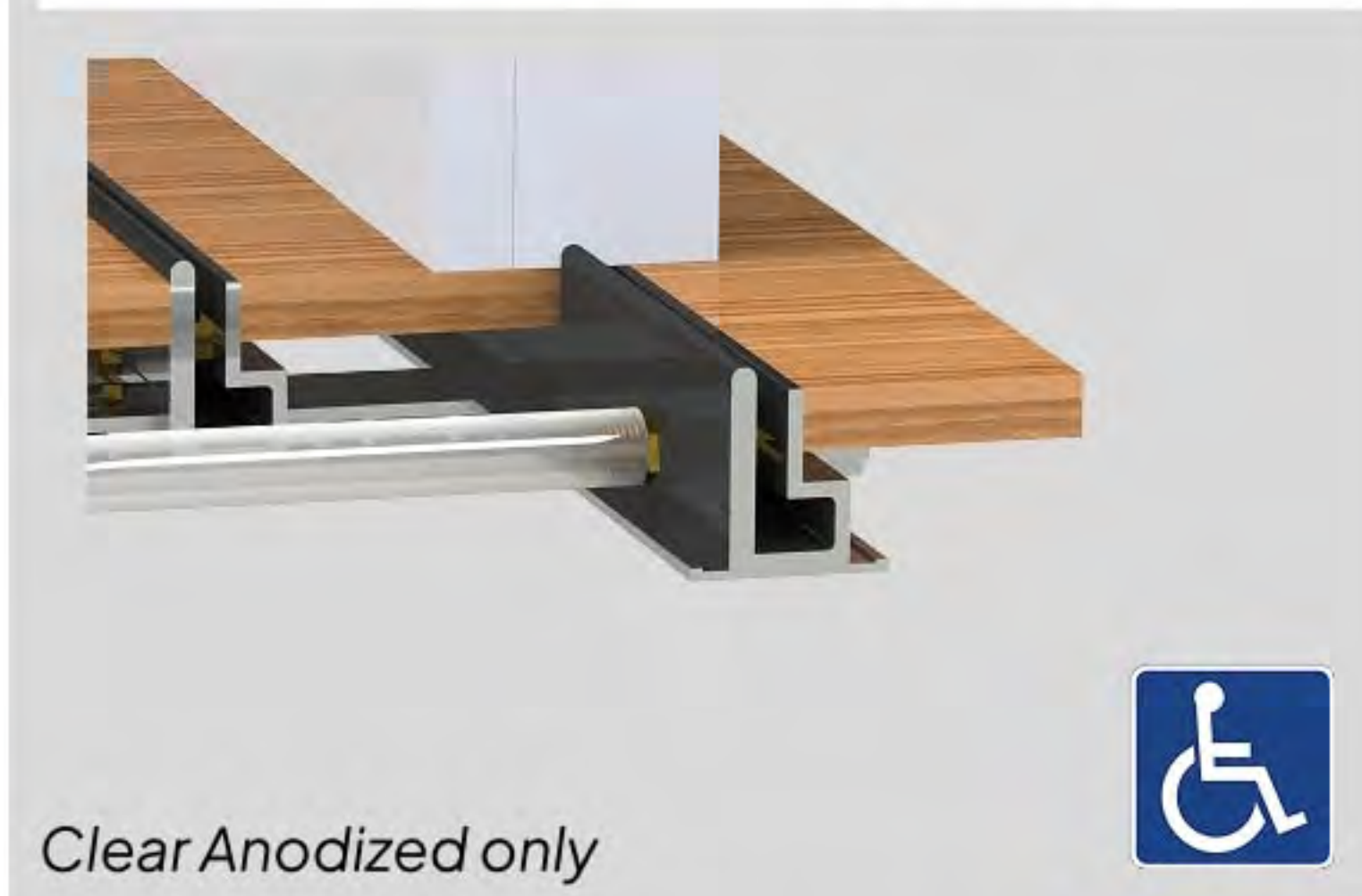
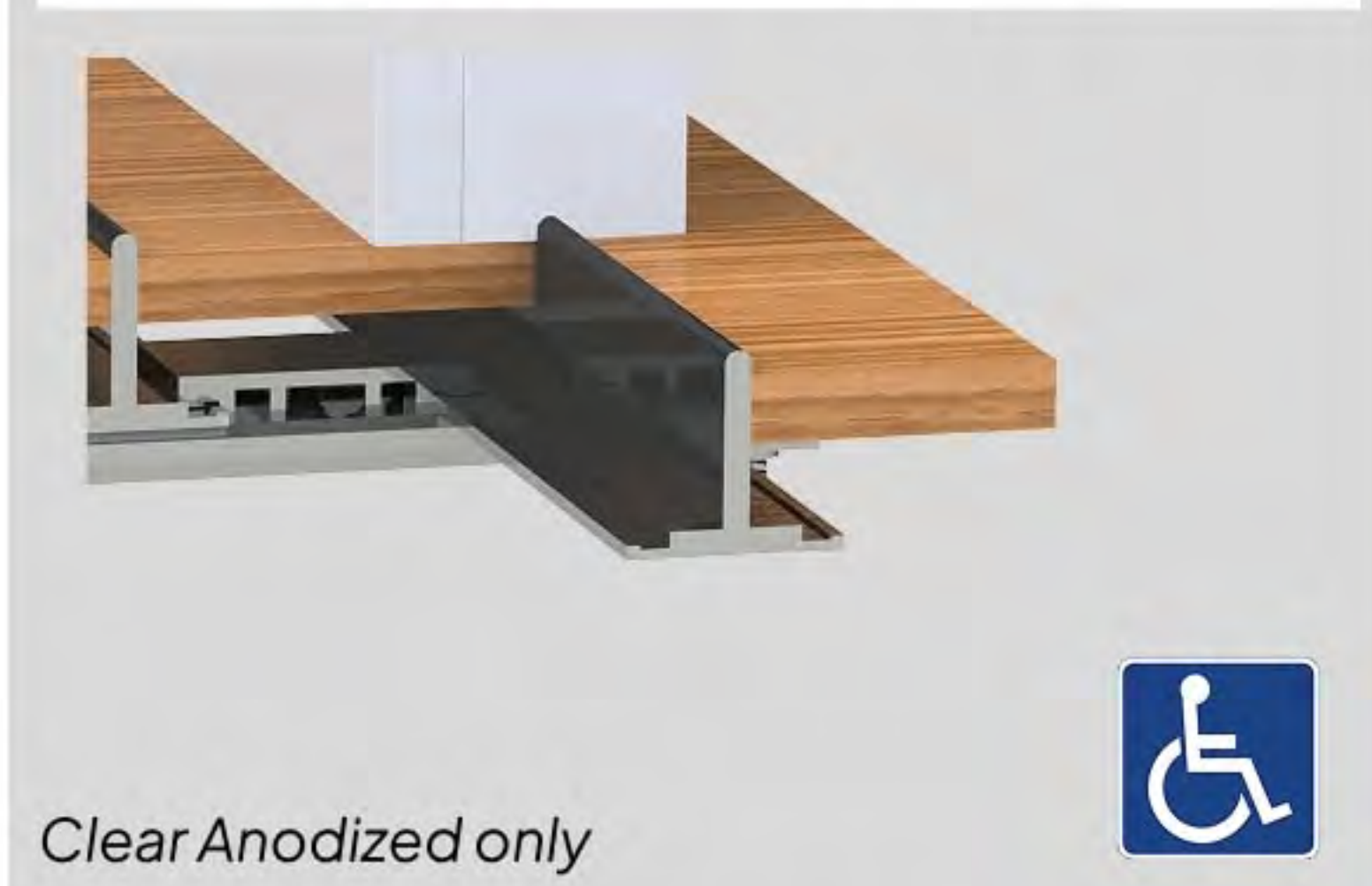
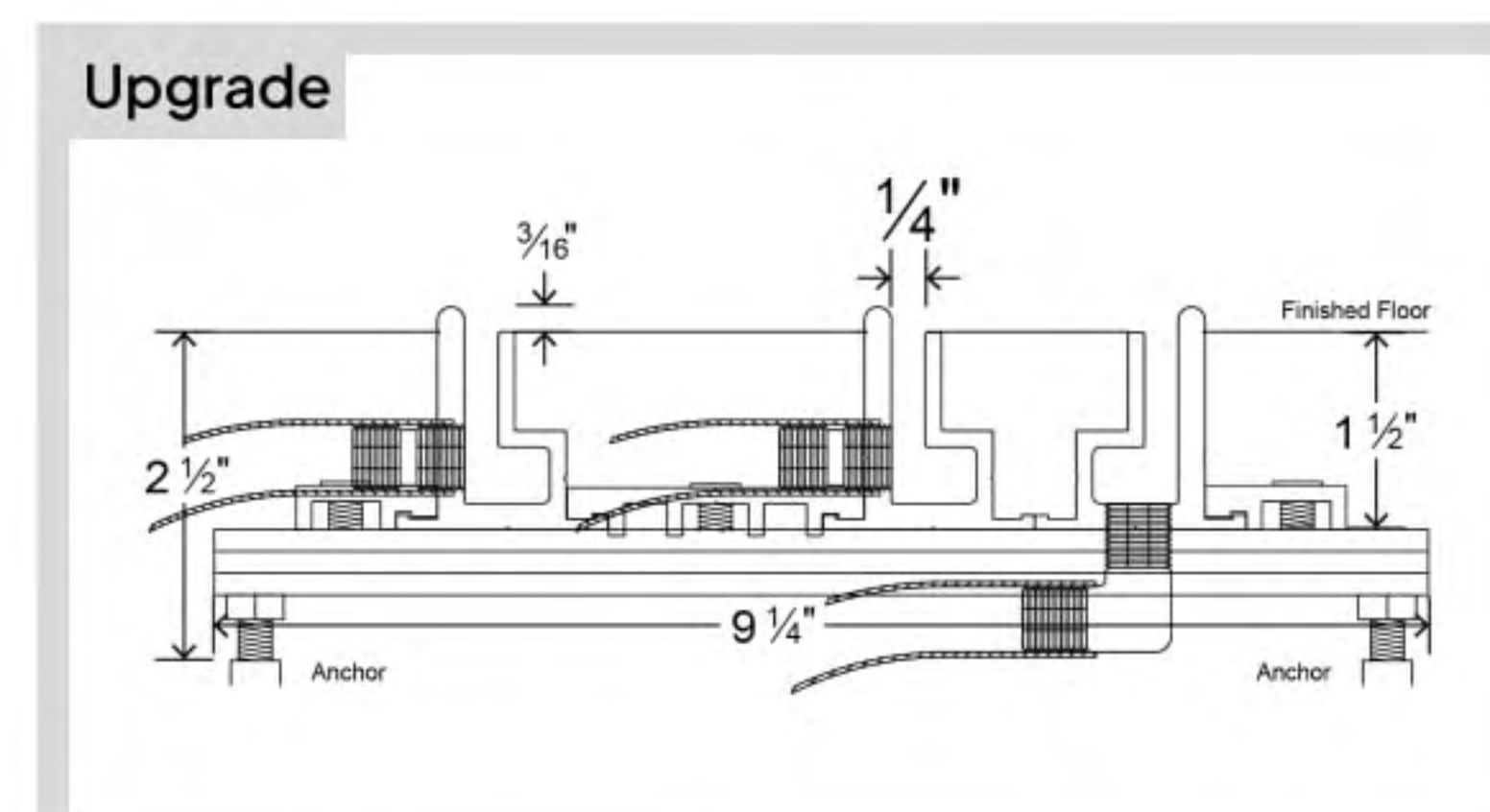
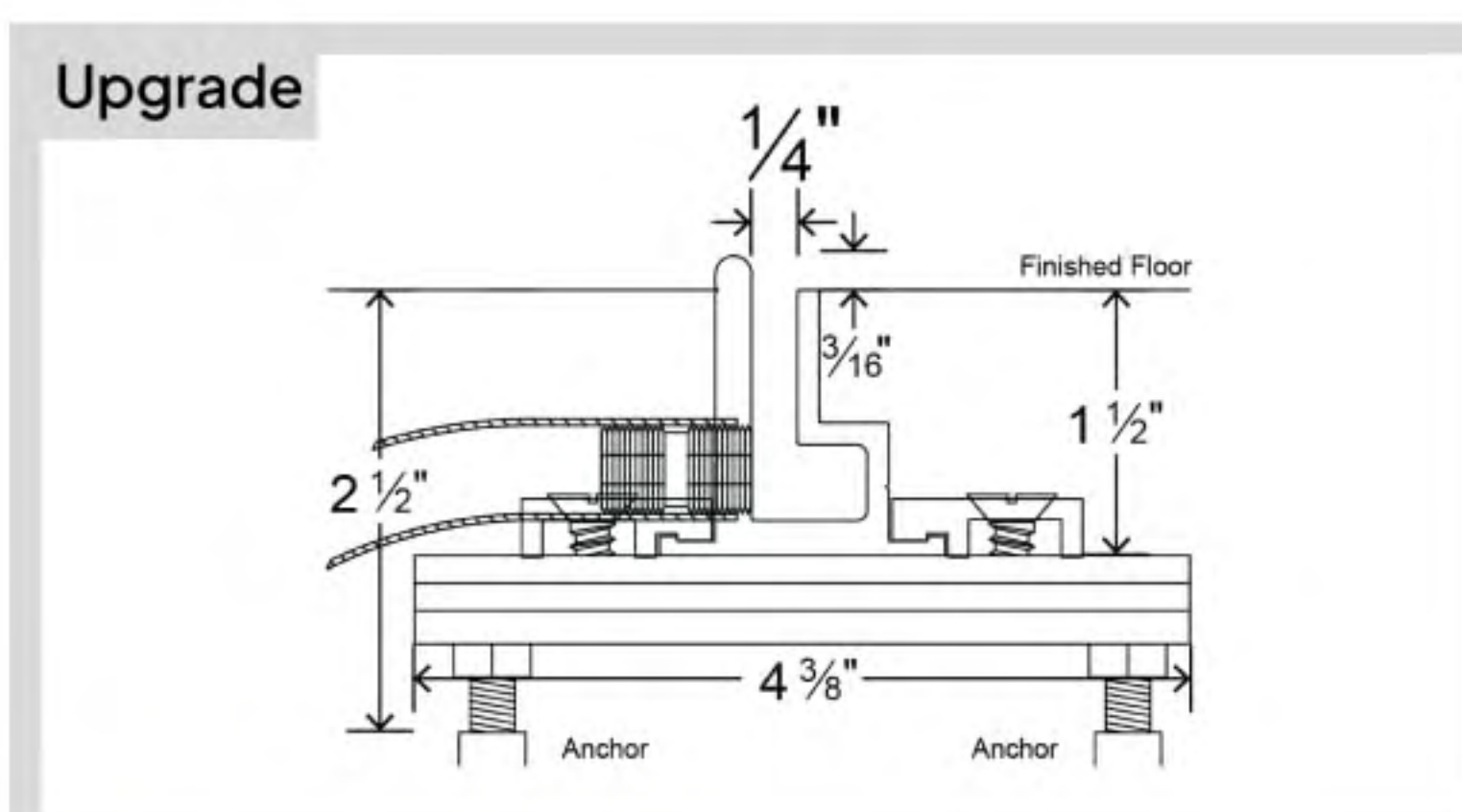
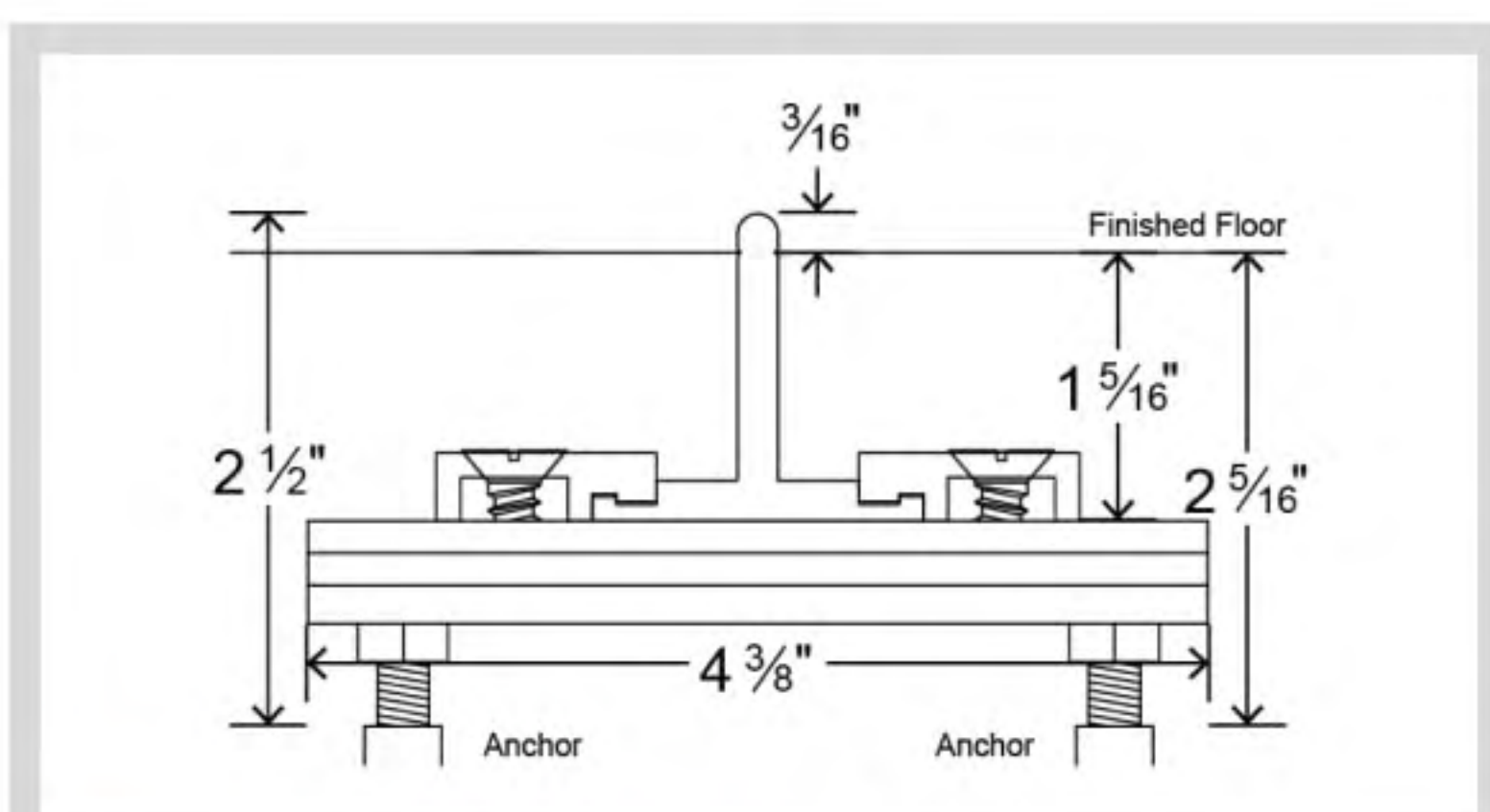


5/16" ADA Surface Track

1 1/8" Surface Drainage Track
Exclusive to NOVA.LS systems

1 1/4" ADA Recessed Track

1 1/4" ADA Recessed Drainage Track



Clear Anodized only

2 1/2" ADA Recessed Track

Clear Anodized only

2 1/2" ADA Recessed Drainage Track

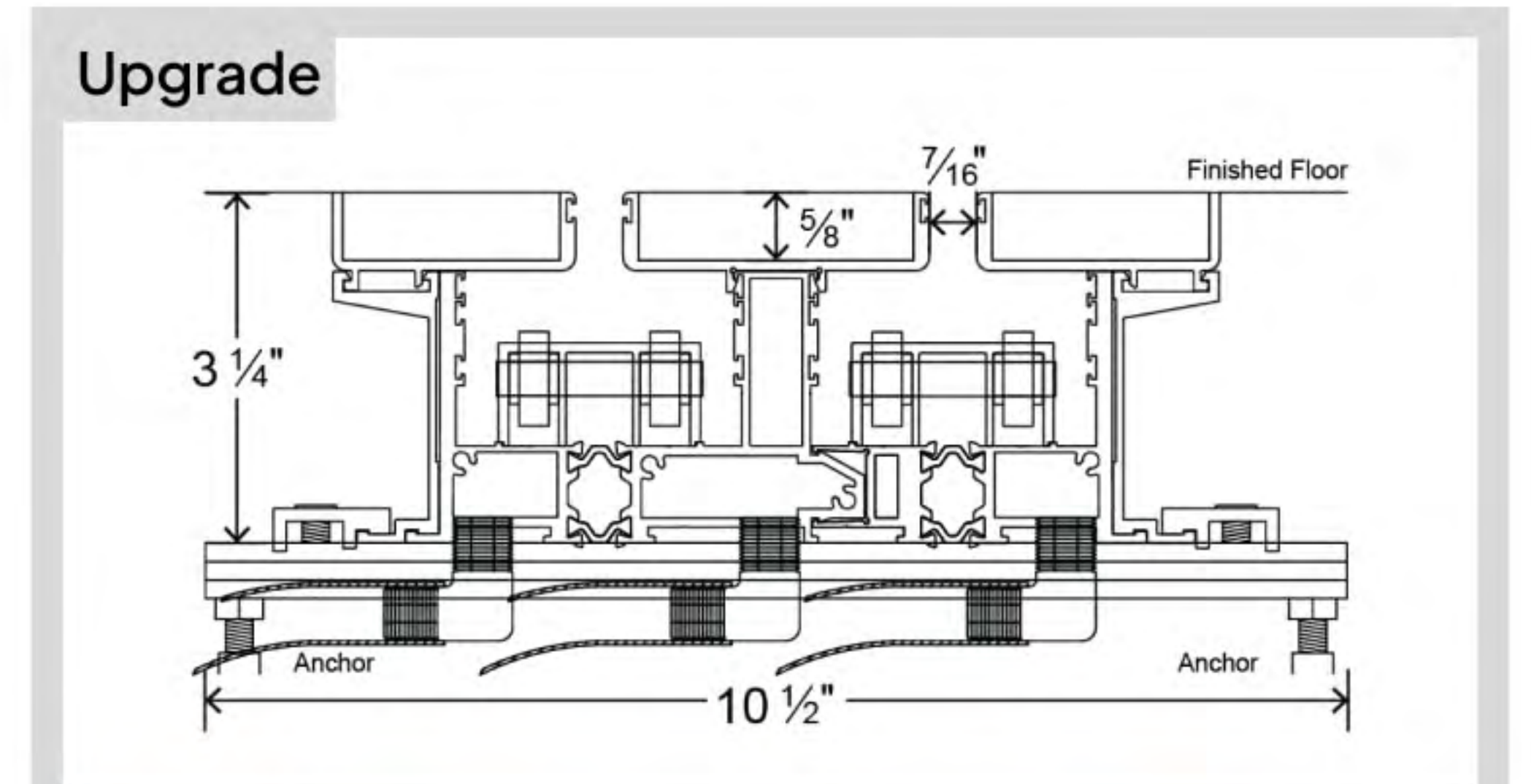
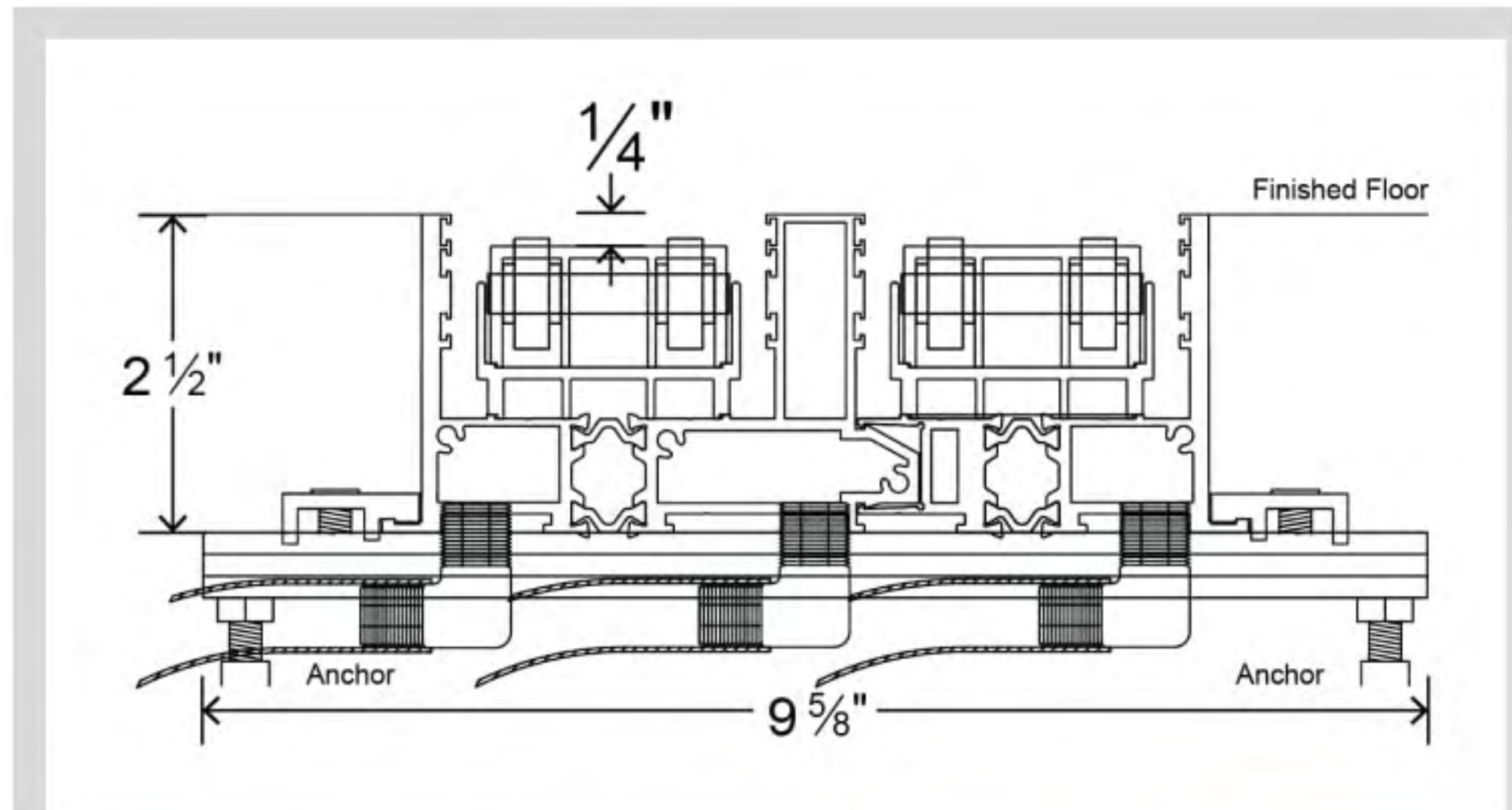
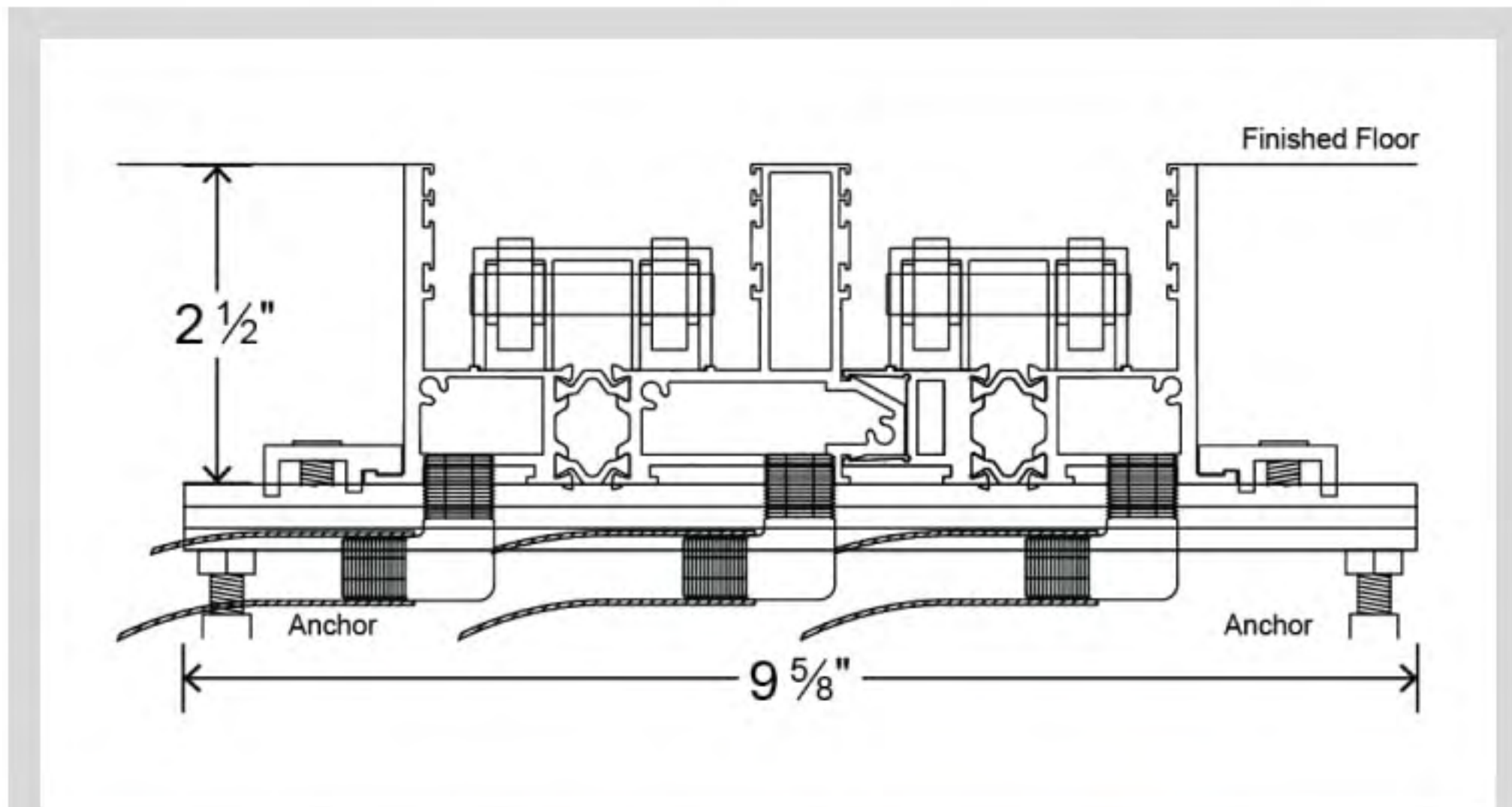
Clear Anodized only

2 1/2" ADA Recessed Drainage Track
(with Retention Track)

Tracks



TS.X0 Exclusive Tracks



Powder coated to match system

2 1/2" Recessed Drainage Track



Powder coated to match system

2 1/2" ADA Recessed Drainage Track



Powder coated to match system

**3 1/4" ADA Recessed Drainage Track
(with Inserts)**



Track Color Options



Clear Anodized



Dark Bronze Anodized

Automation



Engineered for precision and sophistication, these systems offer intuitive control options, from discreet wall-mounted panels to advanced voice-activated technology. Effortlessly open, close, or adjust your doors and windows with the touch of a button, enhancing both functionality and aesthetic appeal.

All Slim-Line systems are compatible with standard automation offerings.

Controls



9-in-1 Touchscreen

9-in-1 Touchscreen: Offers a user-friendly interface with features like timer functions, custom backlighting, and custom security settings.

Smartphone App: Control your systems via the intuitive app. Available on both iOS and Android platforms.

Voice Command: Control your automated doors with your smart home ecosystem by using voice commands through platforms like Google Home, Alexa, and Siri.

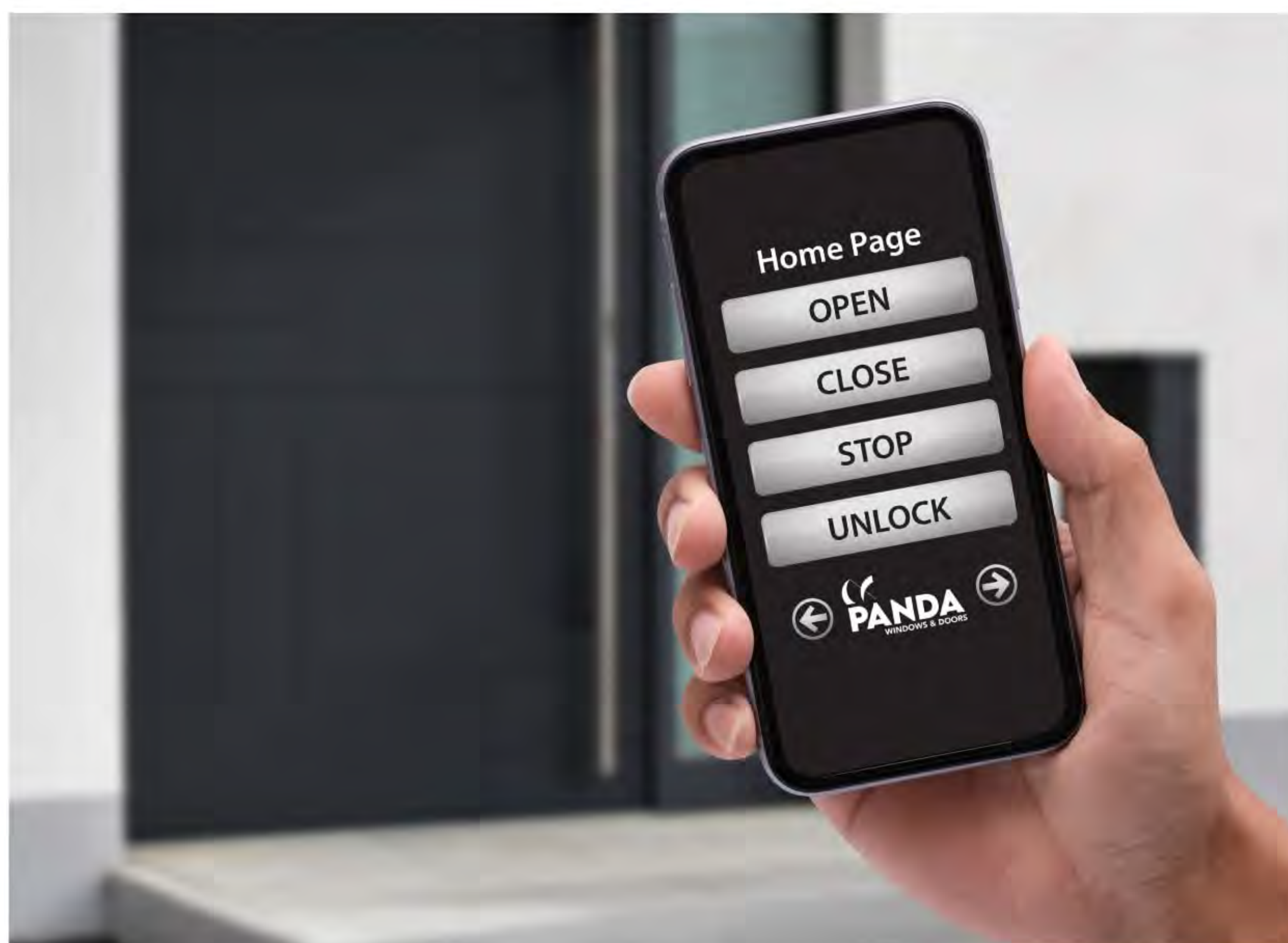
Wall Switch: Control your doors with wall switches, offering features like self-close, auto-open, speed control, and security codes. Available in black or white.

Remote Fob: Enjoy the convenience of remote control for your systems with a range of up to 75 feet.

Fingerprint Scanner: Enhance security and convenience with biometric access control.

Exterior Keypad: This durable and weatherproof keypad provides secure exterior access with a user-defined code.

Motion Sensor: This exterior motion sensor, mounted on the lead panel, offers hands-free entry and provides an added layer of safety. Can be activated by motion (head track) or by approaching the system (flush mount).



Smartphone App



Test Results

Panda Windows and Doors prioritizes rigorous testing and certification, with nearly all products independently verified by the NFRC and AAMA, including six HVHZ-approved options. This commitment to quality ensures superior performance, energy efficiency, and security for homeowners and builders alike.

TS.X0 All Aluminum Thermally Broken Slim Multi-Slide

AAMA / WDMA / CSA 101 / I.S.2 / A440-17

Performance Grade	70
Design Pressure	+3360 / -6119 Pa (+70.18 / -127.80 psf)
Air Infiltration	<0.1L/s/m ² (0.01 cfm/ft ²)
Water Penetration Resistance	580 Pa (12.11 psf)
Structural Test Pressure	+5040 / -9179 Pa (+105.27 / -191.70 psf)
Florida Approval Number	FL 41732.1

Tailored to You

At Panda Windows and Doors, we understand that every project is unique. Our commitment to customization extends beyond standard product offerings to encompass project-specific testing and engineering.

Whether you're facing the relentless winds of a coastal region or the extreme temperature fluctuations of a high-altitude environment, our team can design and test systems to meet your exact needs.

Engineered Solutions

By leveraging advanced engineering techniques and rigorous testing protocols, we ensure that our products deliver optimal performance in even the most demanding conditions.



Glass

All Panda Multi-Slide Systems come standard with Dual glazed, Low-E, Tempered glass for improved energy efficiency and security.

Additional glass options include:

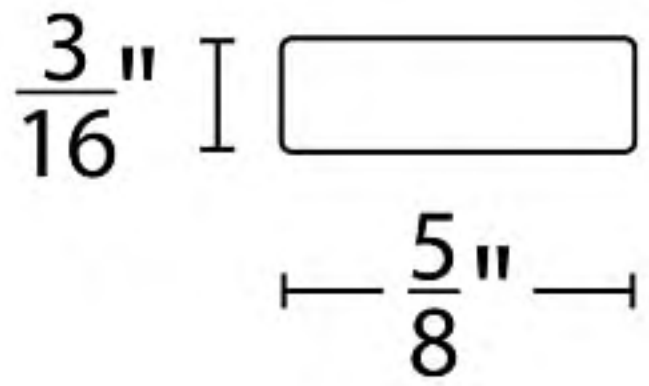
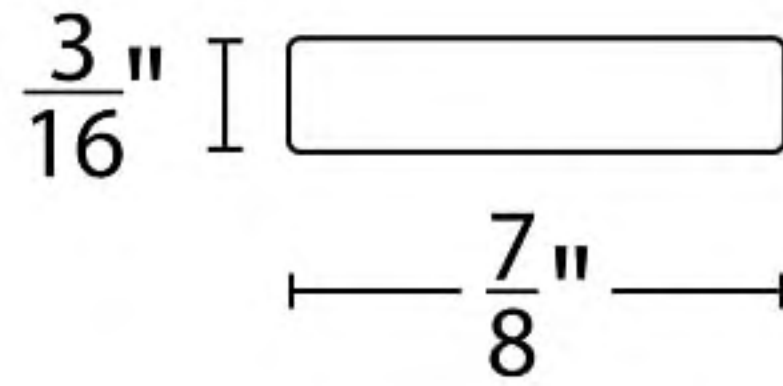
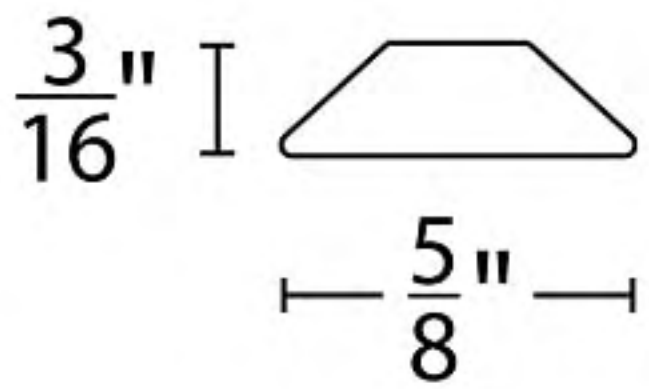
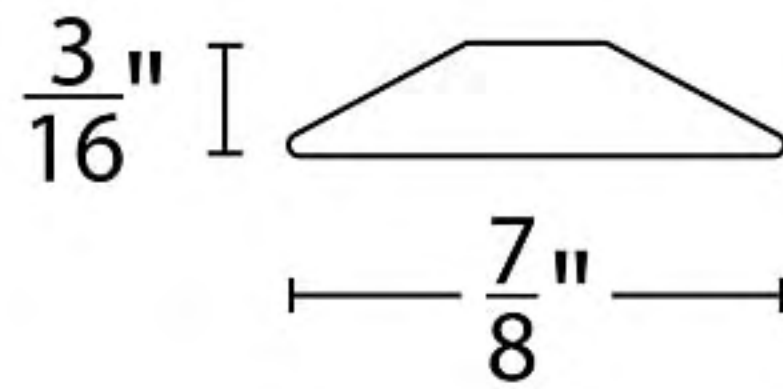
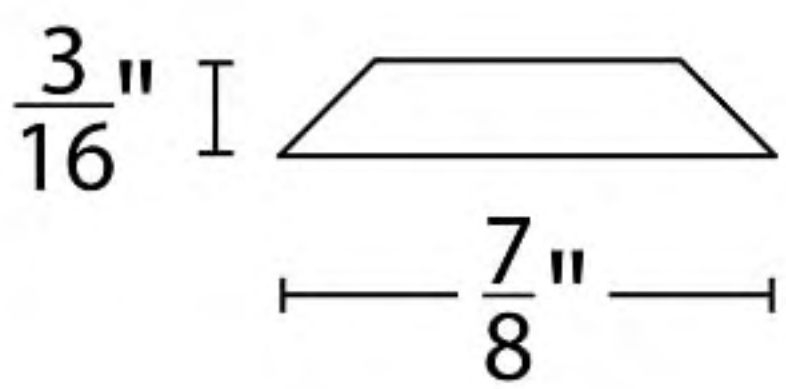
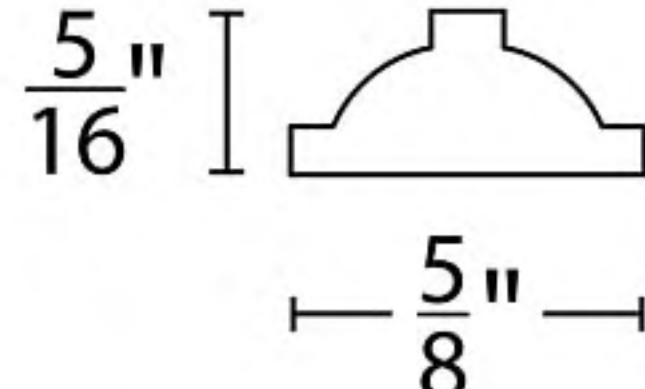
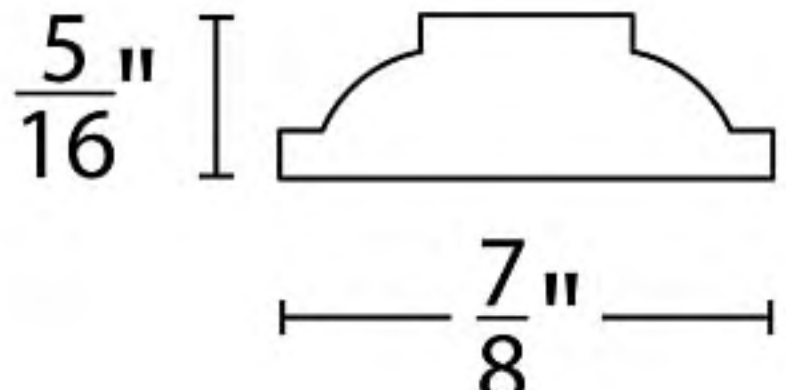
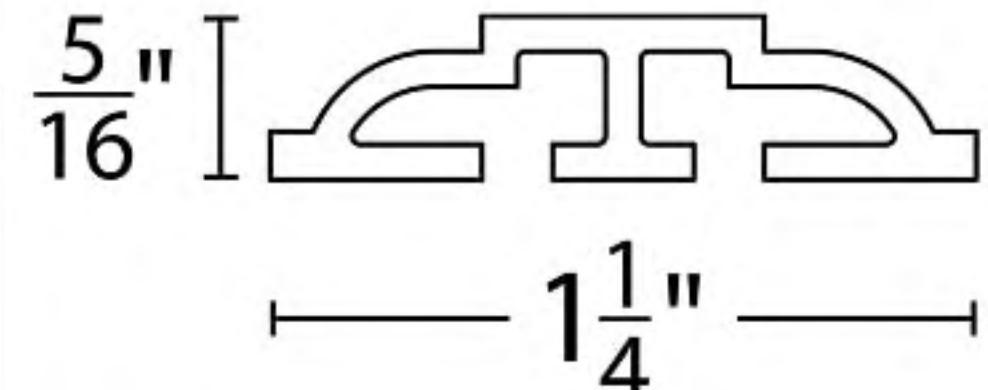
- Low-E
- Triple-Glazed
- Tempered
- Tinted
- Gas Filled
- Obscured
- Laminated
- Spandrel
- Impact Resistant
- Switchable Glass

Standard Glass Thicknesses

1/2" | 3/4" | 1" | 1 3/4" | 1 7/8"

Other glass OA sizes available upon request

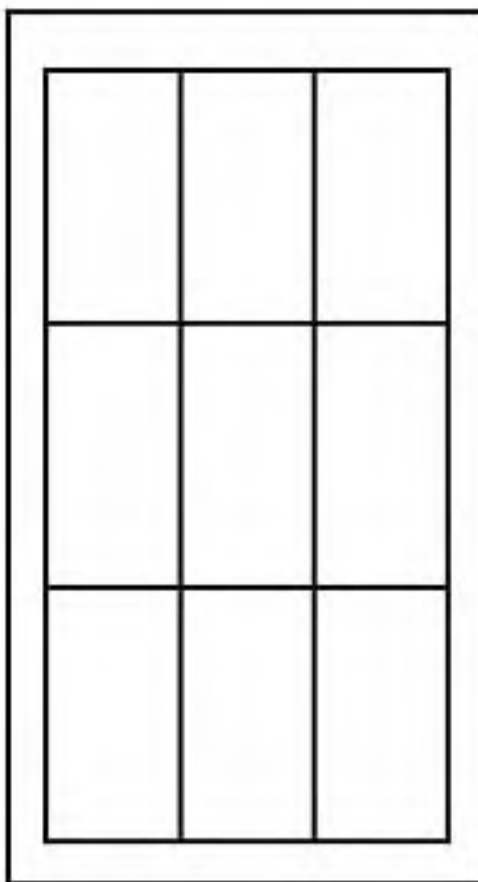
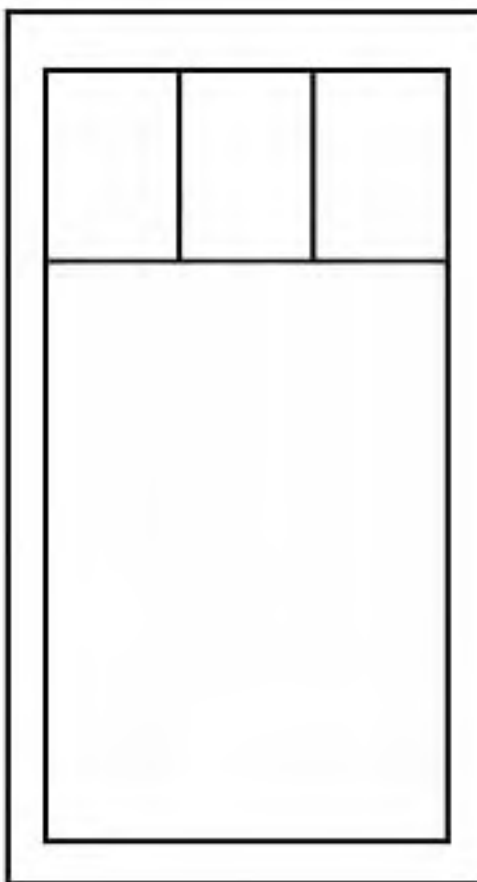
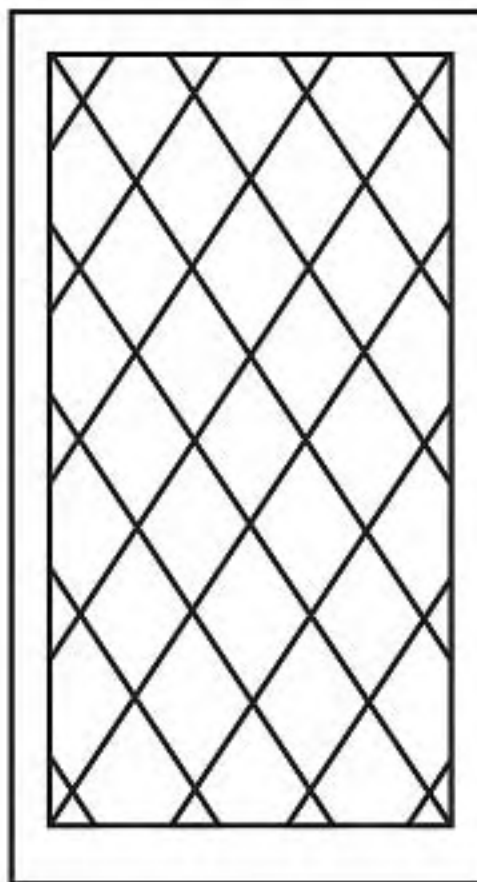
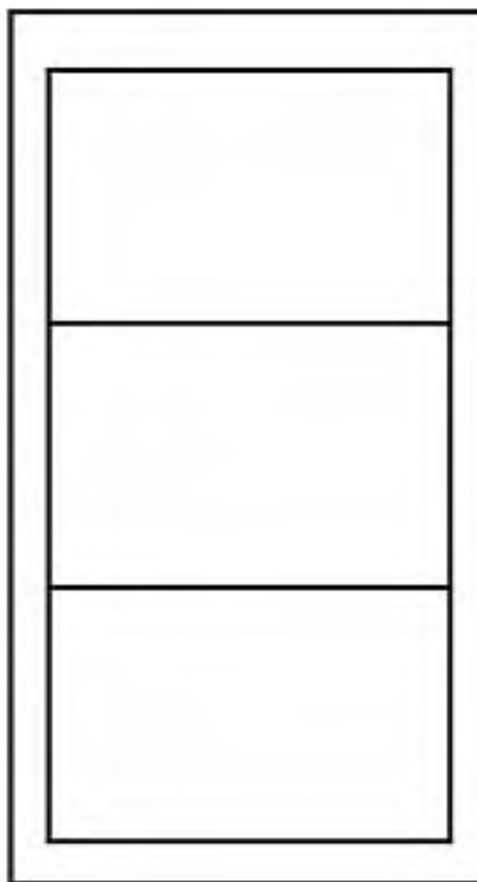
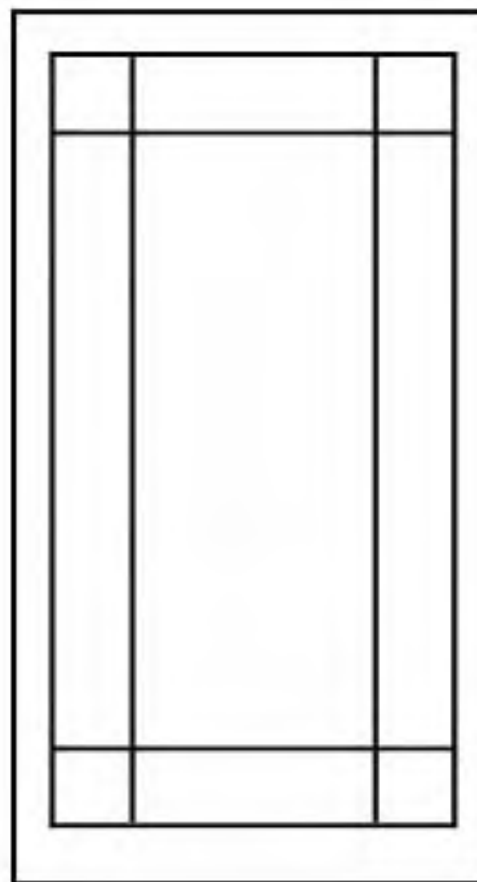
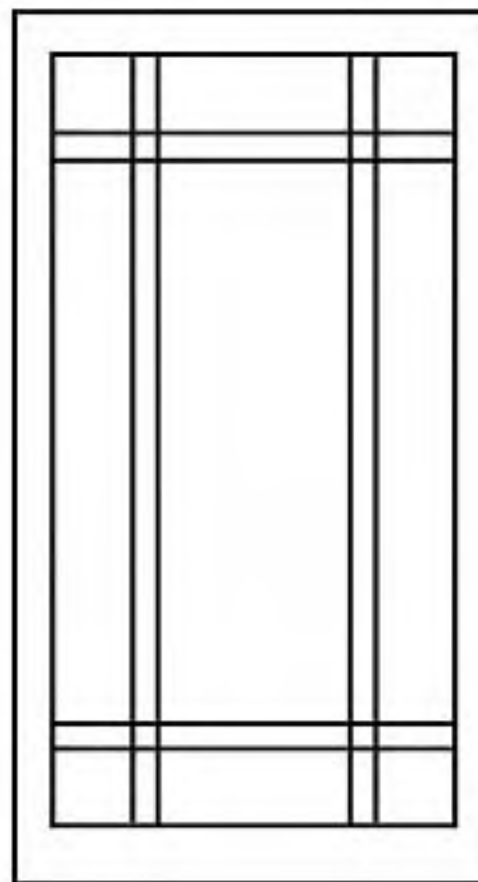
SDL Shapes

 <p>Flat - Narrow</p>	 <p>Flat - Wide</p>
 <p>Putty - Narrow</p>	 <p>Putty - Wide</p>
 <p>Bevel</p>	 <p>Ogee - Narrow</p>
 <p>Ogee - Wide</p>	 <p>Ogee - Double Wide</p>

Consult with your Panda representative for SDL compatibility.



Grilles

 <p>Colonial</p>	 <p>Craftsman</p>	 <p>Diamond</p>	 <p>Ladder</p>	 <p>Prairie</p>	 <p>Double Prairie</p>
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Grille patterns can be customized to feature more or less dividing lites.

Materials

Unparalleled quality matched with incredible durability

All products are made with abundantly available, highly recyclable, and sustainable materials - Aluminum, Steel, Stainless Steel, Bronze, and Wood.

Aluminum

A highly versatile material capable of a wide range of shapes and finishes

- Affordable and low-maintenance
- Durable and highly customizable
- Thermally broken and energy efficient
- Superior thermal efficiency



Steel

Sleek and incredibly thin profiles that deliver unmatched durability and timeless elegance

- Exceptional strength and structural support
- Industrial and contemporary design aesthetic
- Forced entry and fire resistant
- Superior thermal efficiency



Stainless Steel

The luxurious and ultra-modern alternative to steel, providing unparalleled elegance and allure

- Exceptional strength and structural support
- Forced entry and fire resistant
- Outstanding rust and corrosion resistance
- Superior thermal efficiency



Architectural Bronze

A warm and inviting aesthetic with many of the same benefits of steel

- Exceptional strength and structural support
- Durable and low-maintenance
- Unparalleled rust and corrosion resistance
- Energy efficient and thermally broken



Wood

Naturally beautiful and full of character without compromising performance

- Durable and highly customizable
- Natural thermal and sound insulation
- Timeless and naturally inviting character
- Sustainable and highly recyclable



Finishes

Tailored finish options to perfectly suit your climate and vision

These high-quality finishes are designed to provide lasting beauty and robust protection that you can rely on.



Powder Coat

Color match or select from 25 Powder Coat colors available in AAMA 2604/2605, and Metallic/Bonded.

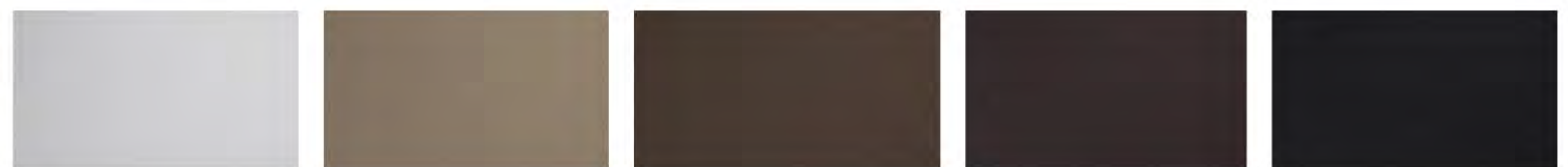
FEATURED



Anodized

For best-in-class corrosion resistance and durability, ideal for coastal applications.

FEATURED



Kynar Paint

Renowned for its exceptional color retention and sun-resistance, Kynar Paint stays vibrant even in the harshest climates.

FEATURED



Faux Wood

Enjoy the rich texture and natural look of real wood, with the strength and durability of aluminum.

FEATURED



Wood

Select from timeless classics like Pine or Poplar, or exotic species like Cherry, Mahogany, Maple, and more.

FEATURED





PANDA WINDOWS & DOORS

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Made in America
30+ years experience



Approved
Continuing
Education

