



Certified Installation Training Course

Version 1.6



KEY CONTACTS:

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NOTES:

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TABLE OF CONTENTS

SECTION	PG #
NXTWALL KEY CONTACTS	3
NOTES	4
TABLE OF CONTENTS	5
INSTALLATION TRAINING INFORMATION	
Technician Certification Training.....	7-8
Minimal Tool Requirements.....	9-16
DOCUMENTS FROM NXTWALL	
NxtWall Drawing Example.....	17
NxtWall Packing Slip Example.....	18-24
FLEX SERIES	
Flex Series Cutsheet	25
Flex Series Installation Walkthrough Image Guide.....	26-40
- Flex Wall Assembly Diagram	27
- Flex Stud and Post Profiles	28
C-Rail Sliding Door Installation Guide	41-51
Flex Series Glass Measuring Guide	52-60
Byrne Electrical Power Box Guide for Flex Series	61-68
VIEW SERIES	
View Series Cutsheet	69
View Series 90 degree Track Joiner Assembly	70
View Series T-Wall Assembly	71
- View Wall Assembly Diagram	73
- View Components and Profiles	74-75
View Series with Sliding Door Image Install Guide	72-87
View Series with Swing Door Image Install Guide	88-105
View Series Typical Free Standing Install Guide	106-110
View Series Glass Measuring Guide	111-115

SECTION	PG #
DOORS AND HARDWARE	
Door Hardware Guide	116
Door Hinges	117-119
Door Leversets	120-122
Non Locking Door Pulls	123-124
Locking Door Pulls	125-126
Custom Door Pulls	127-130
Soft Close/Open Installation Guide - Flex Series	131-142
Soft Close/Open Installation Guide - View Series	143-151
Installation of Flexa Hinges for Swing Glass Doors.....	152-158
Cortland Locking Leverset Installation	159-161
Cortland Locking Leverset Door Template	162-163
Flexa Swing Glass Door (Passage) Leverset Installation .	164-165
Flexa Swing Glass Door Leverset Installation	166-167
MISCELLANEOUS	
Glass Jobsite Information Form	168
Glass Legend Form	169
Fractions Addition Table	170
Conversion Charts	171
For More Questions	172

NXTWALL

5200 S Sprinkle Rd
Kalamazoo, MI 49002

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NxtWall's Installation Certification Training Program

NxtWall Architectural walls are the leading industry solution for floor-to-ceiling walls. NxtWall offers its dealers, facility managers, architects, interior designers and end-users, an effective solution and creates endless possibilities, whether they are looking for privacy or greater collaboration. NxtWall Architectural Walls are flexible, affordable and completely custom.

NxtWall Architectural Walls represent a new generation of truly demountable walls. This new product concept, while simple in its design and construction, requires a different aptitude than currently exists in the typical distribution channels used in the industry. While it is not complex or difficult, certain skill sets such as attention to detail and proficiency in the use of certain tools, must be demonstrated to ensure a professional installation will occur. This attention of detail will allow the customer to benefit from NxtWall's superior design for the life of the product. NxtWall is committed to providing excellent customer service. We want to ensure every step of the way -- from concept design to on-site installation -- is a seamless and stress-free experience. That is why we host a monthly Installation Technician's Certification Program.

The session is a one-day class, **FREE** to attend and will be held at NxtWall's Corporate Headquarters, in Kalamazoo, Michigan. Attendees are responsible for arranging their own travel and hotel accommodations. Instruction will be given on how to field measure for glass and each installer will receive a copy of our NxtWall installation instructional manual to take home. After completing the program, your company will be referred to any local or regional dealers/projects as a preferred certified installation partner.

A "**Certified NxtWall Installation Technician**" will demonstrate through a classroom setting and or a field installation audit, the following skill sets:

- **Excellent project planning**
- **Team and work-flow management**
- **Product and material organization and staging**
- **Product and material knowledge**
- **Ability to read "bill of materials" and NxtWall field drawings**
- **Competency and proficiency in use of tools**
- **Outstanding customer communication skills**
- **Strong business and documentation skills**
- **Commitment to quality**
- **"Safety First" attitude**

Participation in the classroom training sessions is not required, but it is strongly encouraged, while the field installation audit is required to gain or renew the NxtWall Certified Installation Certification. Nothing provides a greater learning environment than “hands-on” training and one-to-one instruction.

About the Certification

The use of certified installation technicians or certified companies for all NxtWall installations is very important to ensure quality, product and aesthetic performance, while maintaining product warranty. We are committed to building an extensive list of installation professionals and companies around the country.

The NxtWall certification can belong to both an installer and or an installation company. The installer is first and foremost certified. It is the individual who has worked to demonstrate the proficiency has earned the certification through an auditing or monitoring process. If an individual is in a leadership or ownership capacity with a dealership or installation firm, then that company is said to be a “**Certified Installation Company**”.

If an individual leaves the company, the certification follows that individual. If no other personnel at that company remain certified, the company has lost this certification status.

Application for Certification

To become certified, an application must be completed by the installer and submitted to NxtWall for review. The installer must make accurate representation on length of experiences associated with office furniture experiences and or construction related experience. These references are subject to review by NxtWall.

An applicant must have a minimum of 3 years of office and architectural interiors installations related experience or construction related experience. The installation of NxtWall requires an applicant have a comfort level in working with a broader group of construction related tools and power equipment. If the applicants experience is exclusive to office furniture the installer must provide added background on both “experience” and or knowledge in working with the tools required for a NxtWall installation.

Updates and Product Information

NxtWall views their installers as craftsman and as such, consistent practice of a “craft” ensures that these skills are not lost. To remain current, NxtWall has set up a process of sharing updates and new product information via email correspondences.



Minimal Tool Requirements for Installation

The following lists are basic tool requirements. It is encouraged that the installers have a more comprehensive list of tools including but not limited to laser levels, hammer drills, panel saws, sawhorses, 4' level, etc. In addition, a comprehensive kit of drill bits such as "Roberts Heads and 3/8", 1/4", and 1/2" socket.

Necessary & Recommended Tools for Installation of NxtWall Walls:

LADDERS + SCAFFOLDING



Step Ladder

- May Need an 8' ladder or larger depending on installation



Baker Rolling Scaffold (optional)

- Dependent on project size

PORTABLE TOOLS



Mitre Saw



Non-ferrous

Saw Blades

- Non-ferrous blade for the aluminum cuts (Flex & View Series framing)
- Sharp blade required for precise Field cuts
- We recommend Freud Red Diablo 96 Tooth Blades



Minimal Tool Requirements for Installation

PORTABLE TOOLS (continued...)



Cordless Power Drill and/or Impact Drill



Hammer Drill

- Required for anchoring to concrete decking, walls, or flooring



Electric Drill (optional)

- When extra power is needed



Circular Wood Saw (if applicable)

- For cutting wood wall panels

TOOL BOX



Hex Head Nut Driver and Drill Bit Kit (required) (5/16")



Level

- Installer should utilize **both** a 2' Level (for Horizontals) and a 4' or 6' **Minimum length** Level (for Verticals) for improved accuracy

Minimal Tool Requirements for Installation

TOOL BOX (continued...)



- Laser Level** (cross-line + vertical beams needed)
- Used for mapping out building imperfections and determining starting points and maintaining consistent lines for tracks & studs



- Screwdriver Set** (Phillips)



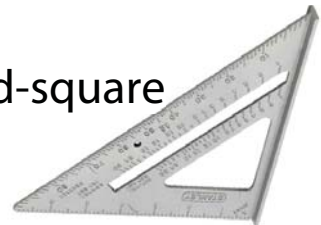
- Glass Suction Cups**
- For handling glass when required



- Hyde Glaziers Prybar**
- Should have flat and thin hook for removal for removal of aluminum joint covers and other extrusions



- Drywall T-square and Speed-square**



- Blue Painter's Tape**
- For marking initial wall layout



Minimal Tool Requirements for Installation

TOOL BOX (continued...)



Putty Knife (optional)



Measuring Tape



Deadblow Unicast Hammer

- Non-marring
- For placing the aluminum cover strips
- Soft Tips



Stanley Knife / Drywall Knife

- Used for cutting drywall, glazing bead, door trim, etc...



Metal Hack Saw (optional)



Drill Bit Set (5/32", 1/2", 1/4")

- Should include masonry bit, steel bits, as well as up to 1/2" sizing for preparing wall for "zip" toggles



Step Drill Bit (7/8") (optional)



Minimal Tool Requirements for Installation



Tapcon Screws (1- $\frac{3}{4}$ " L) (use $\frac{5}{32}$ " drill bit)

- Used to attach the bottom track to cement or ceramic floors
- We strongly suggest to use tapcon screws next to the door frame in all installations



Flat-Headed Wood Screws

- Used to fix the hinges onto wood doors
- **#10 (1- $\frac{1}{2}$ ") long** or **1" long** recommended
- Note: 9 screws are necessary for a standard door



Self-Drilling Screws

- Various sizes ($\frac{5}{8}$ ", 1- $\frac{1}{4}$ ", 2- $\frac{1}{2}$ ", 4").
 - 45mm or 1- $\frac{1}{4}$ " long for fixing the male angle to female angle (4 or 5 per angle)
 - 25mm or 1- $\frac{1}{4}$ " or 2- $\frac{1}{2}$ " long for fixing the door frame to the vertical studs (8 per standard door / 3-0 x 7-0) (4 per side).
 - 15mm or $\frac{5}{8}$ " long fixing the top tracks to the suspended ceiling the horizontal transom, and the L-brackets.



Zip Toggles and Other Wall Anchors

- Used at wall starts
- Not included with NxtWall material. Requirement varies project by project



Cady Clips (optional)

- Optional for use with Ceiling Grid and vary depending on grid or T Bar type. Not included with NxtWall material



Minimal Tool Requirements for Installation

Other



Chalk Line (optional)

- White or Yellow Chalk



Tarps and Garbage Bags (optional)

- For cut zone and trash removal



Vacuum Cleaner and Broom (Required)



Towels (Required)

- Lint-free



Window Cleaner (Required)

- No-drip Recommended



Minimal Tool Requirements for Installation



Safety Glasses (Required)

- Must wear when cutting our product.



Extension Cords

- GFI Breaker



Gloves (Required)



Hard Hat (optional)



Counter Sink Bit ($\frac{3}{8}$ ")



Trigger Clamp and Spreader (optional)

Minimal Tool Requirements for Installation

Other



Wood Blocks (optional)



Wood Wedges (optional)



Pliers



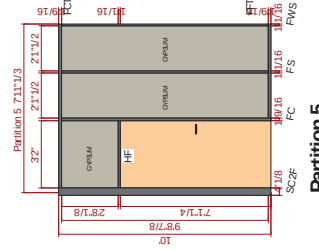
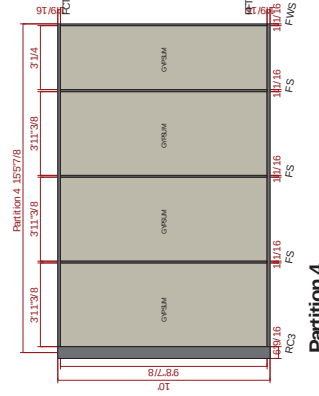
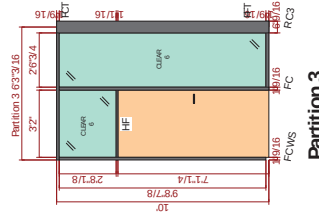
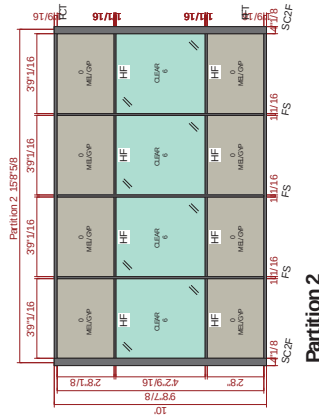
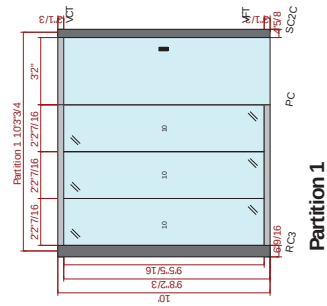
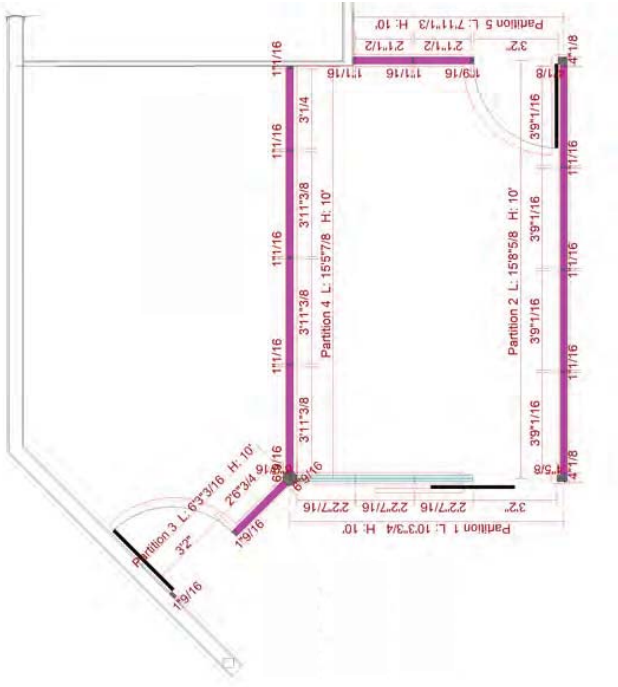
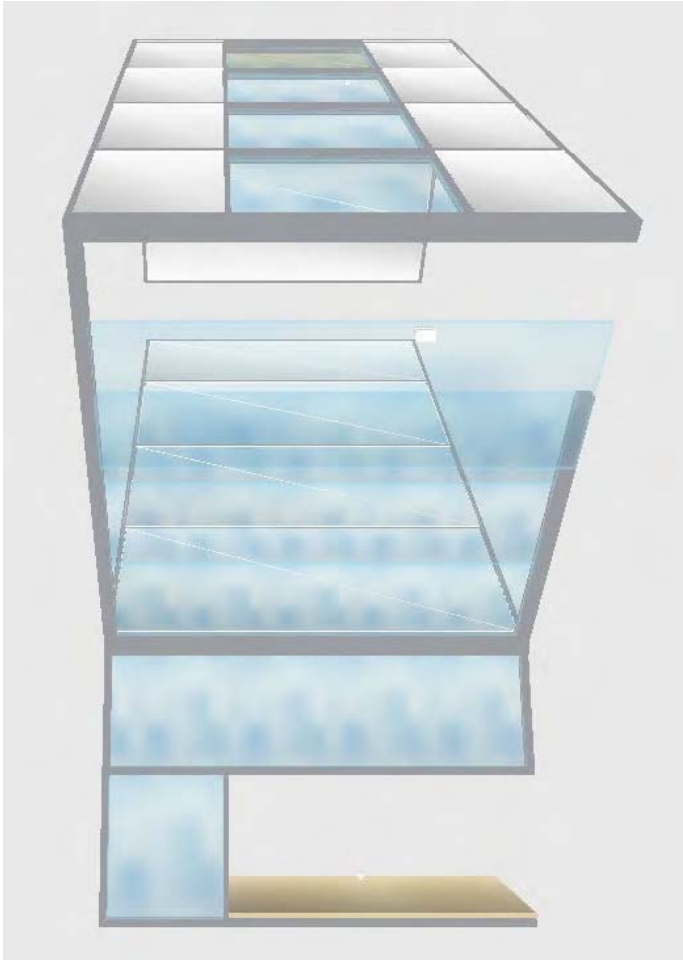
Spanner Wrench
• For tightening caps on door carriages



Tin Snips



Scissors



NOTE:
• MEL/GYP: MELAMINE FRONT / GYPSUM BACK



NXTWALL INSTALLATION TRAINING

Drawing: Rendering/Plan/Elevations
Drawn by: Nguyen Tran
Date: 09/24/2014

NxtWall LLC
5200 S. Sprinkle Rd
Kalamazoo, MI 49002

NXTWALL PACKING SLIP

Date	Proposal No.
9/30/2014	4564

Phone #: 269-488-2752

Fax #: 269-488-2754

Name / Address
NXTWALL INSTALL TRAINING

NOV 03 2014

Ship To
NXTWALL INSTALL TRAINING

P.O. No.	Ship Via	FOB
5085		

Project: NXTWALL INSTALL TRAINING

Item	Description	Shipped	Ordered	U/M
* MUST READ *	***NXTWALL INSTALLATION TRAINING*** ALL FRAMING PER DRAWING "NXTWALL INSTALLATION TRAINING" DATED:09/23/2014 FRAME FINISH: ANODIZED INCLUDES ALL INTERNAL CONNECTING BRACKETS AND SCREWS EXCLUDES FLOOR/CEILING/WALL ANCHORS (TO BE PROVIDED BY OTHERS) VIEW SERIES 10.25 LN FT 10' HEIGHT 3'6 X 10' CLEAR TEMPERED GLASS DOOR (SLIDING) - 1 SINGLE DOOR SLIDING HARDWARE (CARRIAGE, FLOOR GUIDE) 15"3/4 NON LOCKING BARPULL 1/2" CLEAR TEMPERED GLASS - SINGLE PANE - CENTERMOUNT FLEX SERIES 45.5 LN FT 10' HEIGHT 3' X 7' GRADE 1 SOLID CORE LAMINATE DOOR (SWING) - 2 SINGLE DOORS: BILTMORE CHERRY CORTLAND 2600 SERIES LOCKSET 1/4" CLEAR TEMPERED GLASS - SINGLE PANE - FLUSHMOUNT - FRAMED GRADE 3 LAMINATE ON PARTICLEBOARD (OUTSIDE OF PARTITIONS 2): RUBY CHERRY GRADE 2 VINYL WRAPPED GYPSUM (BOTH SIDES PARTITION 4 & 5; INSIDE PARTITION 2): PLEATS GRID SILVERADO HEALTHGUARD INSULATION			

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5085		

Project: NXTWALL INSTALL TRAINING

Item	Description	Shipped	Ordered	U/M
01-FS-120	FLEX STUD, 120"		17	
01-RM-120-A	FLEX ANGLE/MALE, 120" FINISH: ANODIZED		1	
01-RF-120-A	FLEX ANGLE/FEMALE, 120" FINISH: ANODIZED		2	
01-FB-120-A	FLEX TRIM, 120" FINISH: ANODIZED		40	
01-FP-120-A	FLEX POST, 120" FINISH: ANODIZED		2	
01-FC-120-A	FLEX FINISH COVER, 120" FINISH: ANODIZED		2	
01-FS-47 3/8	FLEX STUD, 47 3/8" *HORIZONTALS OVER 3'2" LONG		8	
01-FB-47 3/8-A	FLEX TRIM, 47 3/8" FINISH: ANODIZED		16	
01-FS-38	FLEX STUD, 38" *DOOR HEADER		2	
01-FB-38-A	FLEX TRIM, 38" FINISH: ANODIZED *DOOR HEADER TRIM		4	
01-TK-96-A	FLEX TRACK, 96" FINISH: ANODIZED		12	

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P.O. No.	Ship Via	FOB
5085		

Project: NXTWALL INSTALL TRAINING

Item	Description	Shipped	Ordered	U/M
06-SGB-120	STUD GLAZING BEAD, 120" FINISH: GRAY		6	
06-SGB-48	STUD GLAZING BEAD, 48" FINISH: GRAY		11	
06-TGB-48	TRACK GLAZING BEAD, 48" FINISH: GRAY		3	
04-VT-120-ASBL...				
04-VG-120-A	VIEW GUIDE, 120" FINISH: ANODIZED		2	
04-VT-120-A	VIEW TRACK, 120" FINISH: ANODIZED		2	
04-LEVELERS	VIEW LEVELING SCREWS		16	
04-VC-A	VIEW ENDCAP FINISH: ANODIZED		1	
06-3/8-SPLINE	VIEW PUSH-IN GLAZING SPLINE 3/8" FINISH: GREY		40	ft
05-4-SCREWS	4" SCREWS		8	
06-1/8-SHIM	1/8" GLAZING SHIMS		36	
06-1/2-SHIM	1/2" GLAZING SHIMS BLACK		12	
04-LAN	VIEW LEVEL ADJUST NUT		16	

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Project: NXTWALL INSTALL TRAINING

Item	Description	Shipped	Ordered	U/M
	VIEW TRACK & GUIDE ASSEMBLY, 120" Kit Includes: (1)Track Guide (1)Track (8) Levelers (4) 4" Screws (20") Glazing Spline (6)1/2" Glazing Shims (4) 1/8" Glazing Shims FINISH: ANODIZED			
*09-CARRIAGE	VIEW CARRIAGE DOOR STOPS AND BUMPS INCLUDED		3	
09-FG-SGD	FLOOR GUIDE FOR SLIDING GLASS DOOR		1	
09-BP-15 3/4-ASB...				
09-BP-15 3/4-INT	15 3/4" BARPULL INTERIOR 20MM USES 90420K BACK TO BACK MOUNTG KIT FOR WOOD, GLASS, AND METAL DOORS		1	
09-BP-15 3/4-EXT	15 3/4" BARPULL EXTERIOR 20MM USES 90420K BACK TO BACK MOUNTG KIT FOR WOOD, GLASS, AND METAL DOORS		1	
09-BP-MK-B2B-2...	BACK TO BACK MOUNTING KIT FOR 20mm PULLS		1	
	15-3/4" BARPULL FINISH: STAINLESS STEEL			
10-MISC DOOR	SOLID GLASS DOOR, 42" X 120", 3/8" CLEAR TEMPERED GLASS DOOR		1	
09-S-DOORKIT-3...				
09-SDH-A	FLEX SINGLE DOOR HEADER FINISH: ANODIZED		2	

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Item	Description	Shipped	Ordered	U/M
09-DF-LH-86-A	FLEX LH DOOR FRAME, 86" FINISH: ANODIZED		2	
09-DF-RH-86-A	FLEX RH DOOR FRAME, 86" FINISH: ANODIZED		2	
09-DS-RUBBER	DOOR STRIKE RUBBER		34	ft
09-DJ-RUBBER	DOOR JAMB RUBBER		34	ft
09-SP-SNAPFIT	STRIKE PLATE, SNAP FIT		2	
09-DS	DOOR STOP		2	
	FLEX DOOR KIT-3684 US STANDARD Kit Includes:Header, RH/LH Frames,Seals,Strike Plate,Door Stop FINISH: ANODIZED			
09-HK-A				
09-FH-A	FLEX HINGE, ANODIZED		12	
09-HINGE-PIN	HINGE PIN ONLY		6	
09-HP-BUSHING	HINGE PIN BUSHING ONLY		6	
09-HINGE-PLATE	HINGE PLATE W/SCREWS		6	
09-HA-SCREWS	#10 FLAT HEAD X 1 1/2" HINGE ATTACH SCREWS		18	
	ANODIZED HINGE KIT: Pair of Hinge Halves,(1)Hinge Bushing,(1)Hinge Pin,(2)Hinge Backing Plates w/screws, (3)Hinge Attaching Screws			

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Item	Description	Shipped	Ordered	U/M
09-LS-SDL	Cortland Standard Duty LOCKING Leverset		2	
*08-SLD-3684-LAM	SOLID CORE DOOR, 36" X 84" DIM., STANDARD LAMINATE FINISH FINISH: BILTMORE CHERRY		2	
06-1/4-CGLS	GLAZING, 1/4" CLEAR-TEMPERED SINGLE PANE		110	sqft
06-1/2-CGLS	GLAZING, 1/2" CLEAR-TEMPERED SINGLE PANE POLISHED LONGS		74	sqft
*06-1/2-POLISHING	1/2" POLISHED EDGES		720	
05-PC-1/2-120	1/2" CLEAR PC BUTT TO BUTT GASKET 10' LENGTHS		2	
07-MMDF-48120-...	WALLBOARD, 1/2" X 48" X 96", FINISHED MDF FINISH: RUBY CHERRY		4	
07-WGP-48120-2	WALL PANEL, 48" X 120", FINISH WRAPPED GYPSUM, GRADE 2 FINISH: PLEATS GRID SILVERADO		17	
10-INSUL-HG-1	SOUND ATTENUATION BATT, HEALTHGUARD, 1" THICK		1.5	RL
05-ETAFOAM	ETAFOAM-LIGHT AND SOUND SEAL		75	ft
05-RS-48	REINFORCE STUD, 48"		4	
05-LB	FLEX L-BRACKET		62	

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PROPOSAL
9/30/2014

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5085		

Project: NXTWALL INSTALL TRAINING

Item	Description	Shipped	Ordered	U/M
04-LB	VIEW L-BRACKET CONNECTING DOOR FRAME TO TRACK		4	
05-TJ	TRACK JOINER PLATE		8	
05-SCREWS	3/4" SCREWS FOR INTERNAL FRAMING ONLY; WALL/FLOOR/CEILING ANCHORS TO BE PROVIDED BY OTHERS		225	
	***SUBTOTAL			
10-MISC	20% SHOWROOM DISCOUNT		1	
PACKAGING	PACKAGING		1	
FREIGHT	PROPOSAL IS FOB NXTWALL - FREIGHT ESTIMATE ONLY GLASS WILL NOT SHIP WITH INITIAL FRAMING COMPONENTS GLASS TO BE ORDERED/DELIVERED AFTER COMPLETION OF FRAMING		1	

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Series Description

NxtWall's Flex Series is one of the most flexible, sustainable and affordable wall systems available on the market. It offers numerous options that are not commonly found within a demountable wall system. The Flex Series wall system fits the needs of your workspace now and in the future. Wall finishes are easily switched from solid to glass to whiteboard to tackable fabric panel, with minimal interruption. See what NxtWall's Flex Series can do for your workspace.

Specifications

- | | |
|-------------------------------|---|
| Wall: | • Corporate architectural wall |
| Partition Coverstrips: | • Thin: 1-1/6" Flat |
| | • Genesis: 1-9/16" Flat |
| Frame Material: | • Aluminum |
| Maximum Height: | • 20' for floor-to-ceiling application,
8' maximum for freestanding application |
| Wall Thickness: | • 3-1/16" |
| Studs: | • Multi-directional studs or square angle corner posts |
| Panel Options: | • Unlimited choices for 1/2" thick substrates (vinyl-wrapped gypsum, fabric-wrapped tackable softboard, laminates, MDF, etc...) |
| Glazing Options: | • 1/4" - 3/8" Single or double pane, clear tempered |
| Door Options: | • Solid, frameless glass, or aluminum framed (Any height between 7'-10' sliding or swing) |



Photo By: Michael Firsich Photography

Functionality

- Integrates with existing construction
- Reversible doors and door frames
- Height adjustable
- Integrates with whiteboards and electronics with ease
- Supports difficult building environments
- Easy access to infrastructure and wiring
- Extremely scalable and can be reconfigured overnight
- Custom designed to meet your office configuration needs

Sustainability

- Supports LEED™ building design
- Reusable and reconfigurable
- Up to 100% recyclable
- Daylight harvesting with use of our glass walls
- Eco-friendly finishes available



Available Options

- | | |
|------------------------|---|
| Frame Finishes: | • Standard MS silver powdercoat |
| | • Custom powdercoat |
| | • Clear anodized |
| Door Hardware: | • Locking and non-locking barpulls |
| | • Numerous hardware options available |
| Doors: | • Options available for security, privacy, and accessibility |
| | • Sliding doors to maximize sq/ft |
| | • Swing doors |
| | • Aluminum framed |
| | • Veneer, glass, or laminate |
| | • Single or double door options |
| Wall Panels: | • Unlimited choices for 1/2" thick substrates (glass, vinyl-wrapped gypsum, fabric-wrapped tackable softboard, laminates, etc...) |

Ordering Information & Lead Time

Contact your local NxtWall dealer for a customized quotation.
Demountable wall industry's best standard lead time of 3-5 weeks.

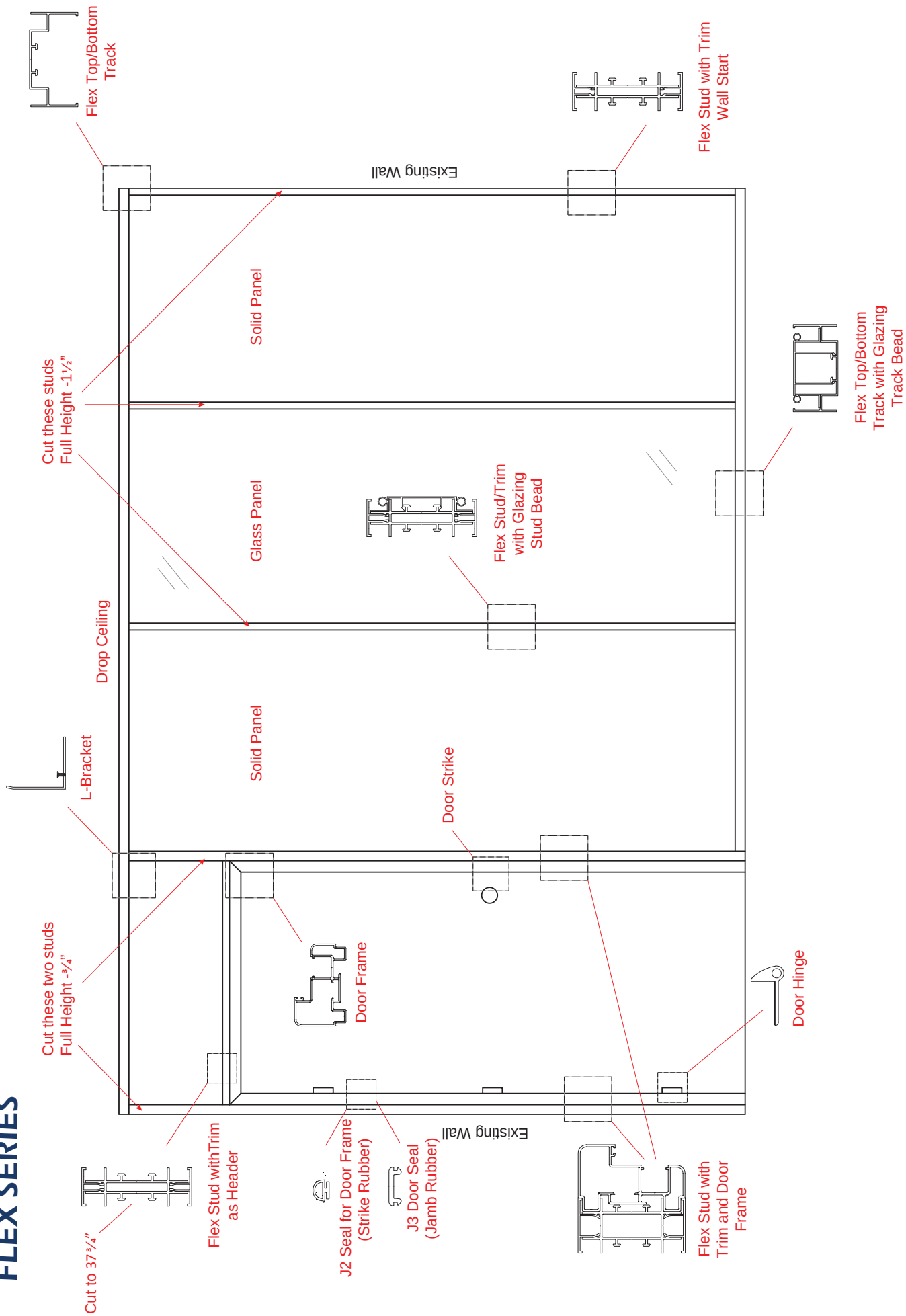


Contact info@nxtwall.com for general questions.

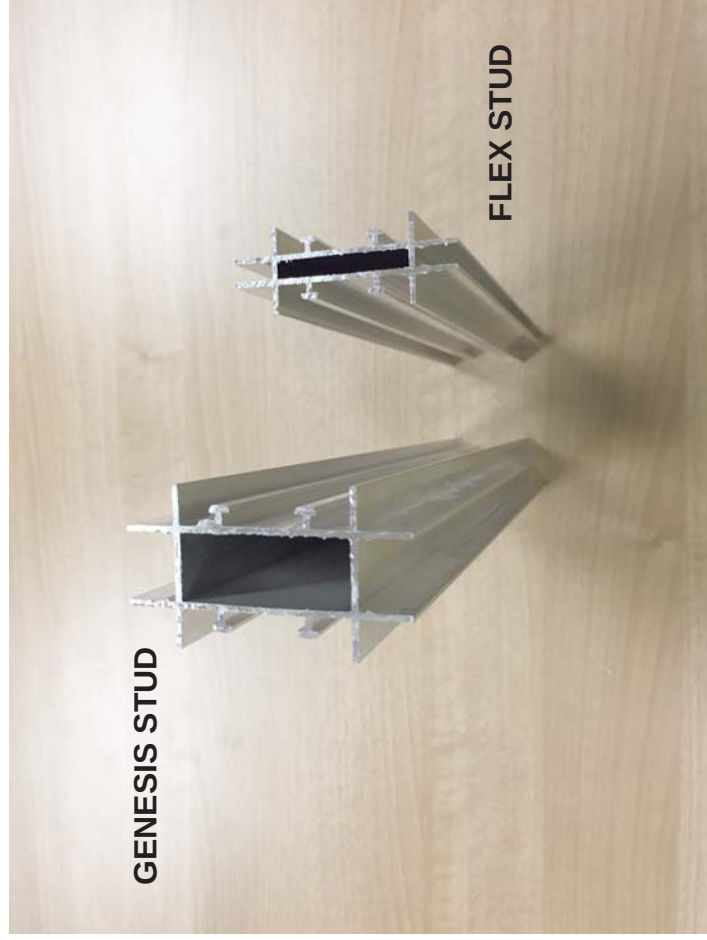


Installation Walkthrough Image Guide

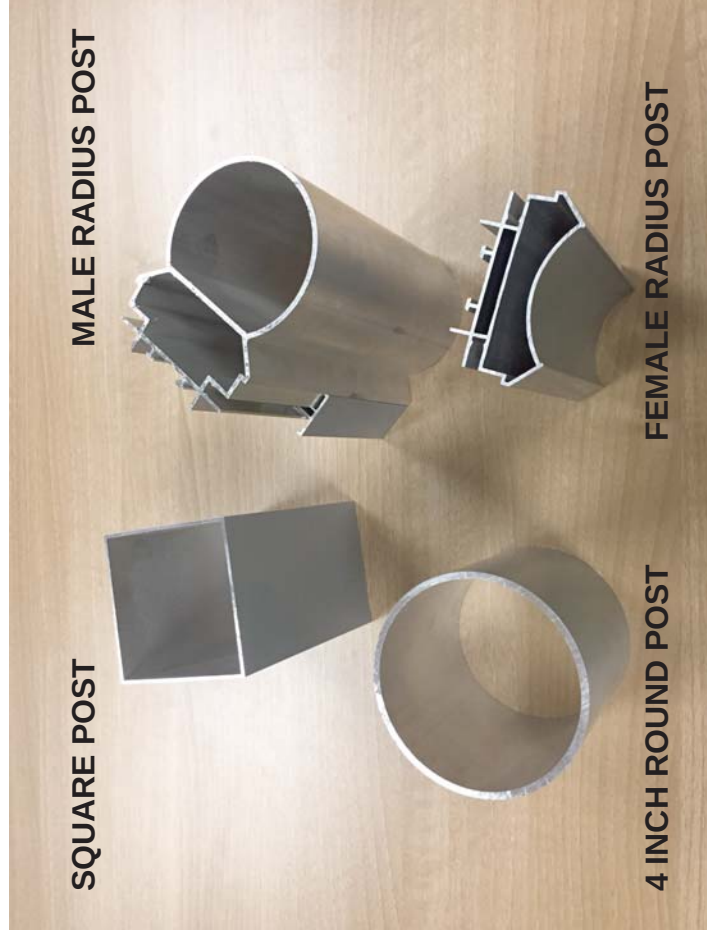
Flex Series



STUD PROFILES



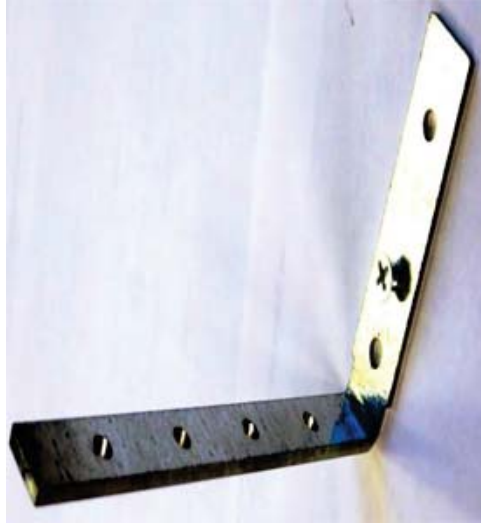
POST PROFILES



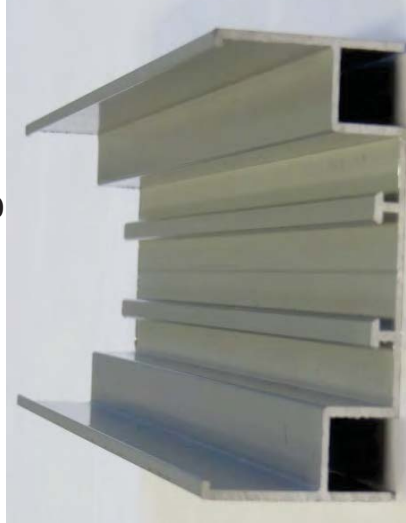
Track Joiner



L-bracket



Floor & Ceiling Track



Track Prep and Assembly

Start with your ceiling track pieces.

Lay them on the floor right below where you will be installing them, and slide your L-brackets into place.

The L-brackets will soon hold the studs into place.

You will want to space your L-brackets accordingly so that when you attach your top track, your fasteners do not interfere with your L-brackets.

Use the track joiner to connect two sections of the track together.

Top Track Installation

After you have spaced your L-brackets for layout, fasten your track to the ceiling. (48" Maximum Spacing for Drywall board, 49" Max Spacing for MDF board). When fastening to the ceiling grid you may use a self tapping screw or a caddy clip. Using a caddy clip is a less intrusive way to connect ceiling grid.

Note: Attaching hardware for existing floors, walls and ceilings are ***not*** supplied by manufacturer.



Example of a caddy clip



Attaching track piece to ceiling grid

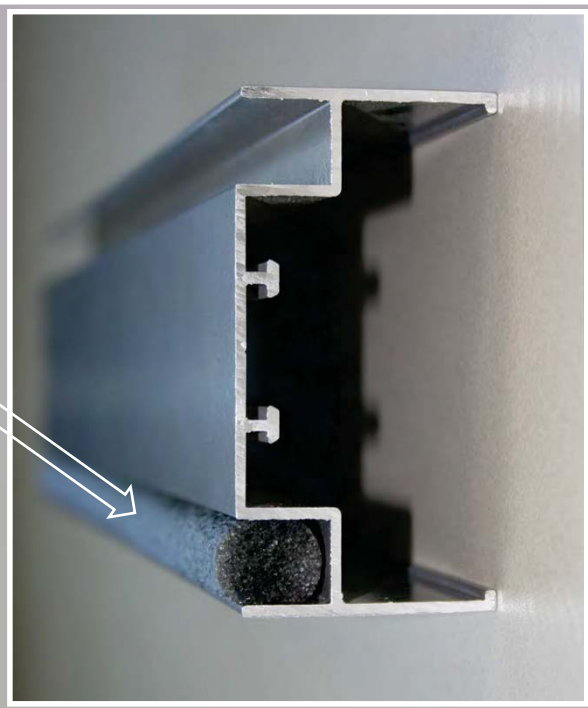


Bottom Track Installation



If you have a gap in your floor, wall or ceiling, install Etafome to seal the gaps.

Etafome: sound and light seal



When installing the bottom track, make sure the L-brackets are spaced out accordingly (see photo). Bottom track can be attached with tapcons or other concrete anchor. (48" Maximum Spacing for Drywall board, 49" Max Spacing for MDF board).

(NOTE: Floor anchors are NOT supplied by manufacturer.)

Stud Installation

When installing studs it is very important to have your studs sitting plumb. Use a 3/4" self-tapping screw to attach the L-brackets to the studs. Once the stud is in place and the L-brackets are attached, adjust to width and tighten the set screws.

When measuring the length of studs:

Measure from floor-to-ceiling, then subtract $1\frac{1}{2}"$.

IMPORTANT:

Studs located at **doorways** are measured differently.

Studs at this location will go all the way to the floor and are not nested within the bottom track. (They will sit outside of the bottom track). For these studs, measure from floor-to-ceiling, then subtract $\frac{3}{4}"$.

Important notes: If you forgot to put in an L-bracket, the L-bracket will slide into the center of the stud and fasten through the track.

Panel dimensions shown in plan and elevations view drawings will depict visible opening dimensions only. (**Example: 3'-11"3/8 VO accepts a full 4' wide panel.**)

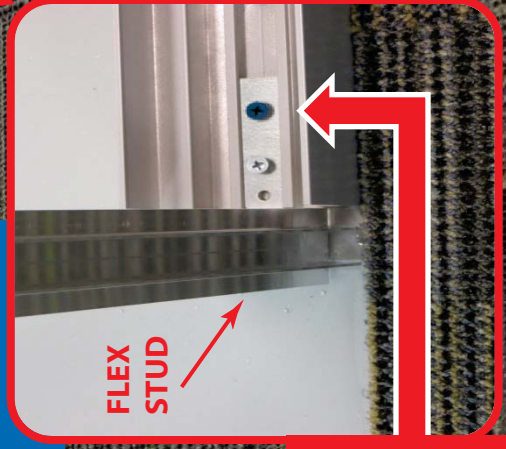
All prints are used as a guideline only. NxtWall provides field-fit, site built wall systems. Please consult your project manager for major field changes.

Framing Door Opening - Installation

When framing the door it is very important that both studs are plumb. To achieve the proper width between the two studs, use the door header as a measuring tool (as shown below) at the top *and* bottom of your door opening.



Note: The studs for the door frame do not sit inside the bottom track. Instead, they sit just **outside** of the track. (as shown below right)



It is recommended by the Manufacturer to place a Tapcon screw through the L-bracket into the floor on both sides of the door.

Door Frame Assembly

When installing the door frame, install the door legs first but don't fasten them yet. Cut Stud to 37 ³/₄".

Next, attach the door header to the stud and place it onto the door legs.

Level the door header then attach the header with the stud through the L-brackets to the framing.

After the header is installed you may have to lift one or both the door legs up to the header and then fasten the door legs.

Note: It is important that you do not cut down the door legs. The door frames are precut to allow for only a 1/2" under the door.

Fasten door frame through this point into the studs.

Note: Use the 1-1/4" screws that are provided.

Note: When installing full height doors you will need to cut the door legs down. Also, be sure to fasten the header to the track.

Segmentation Framing



NOTE: Horizontal Studs need to be cut short of Visual Opening.

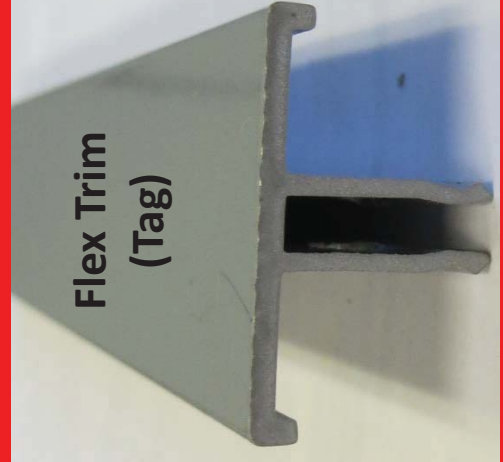
When segmenting the wall (as shown in this picture) it is best to use a laser level to ensure proper installation. Slide the L-bracket into the horizontal stud and attach to the vertical framing with 3/4" screw. Do not tighten the set screw on the L-bracket until all the horizontal studs are in place. Once the horizontal studs are in, start pulling your layout from a plumb end and work your way down the wall, tightening the set screws as you go.

Pre-Trim Wall Board & Glass Installation

When installing wall board or glass you can hold them in place with small pieces of trim.
(These are also referred to as a tag).

Note: Create these pieces out of scrap for we don't supply extra materials for this purpose.

Flex Trim
(Tag)



Installing the Insulation

After the placement of wall board on one side of the wall is completed, you will be ready to install the insulation. Sound attenuation batts (shown below) can be cut into pieces and pressure-fit between two studs. Roxul (an alternative insulation) can be installed with a spray adhesive.

(NOTE: Adhesive will NOT be provided by NxtWall)

NOTE: If possible, install the trim on the side of the wall that already has board placed within it. This will help to keep the board from moving around while installing the insulation.

Track & Stud Bead Installation

When installing the track and stud bead you will want to start with the top and bottom first.

Your cuts must be exact, for if you cut them too large you will alter the framing of your wall. If you cut them too short, they will not cover the track completely and a gap will show through the glass.

After the top and bottom are installed, cut the verticals to 1/16" longer of the Visual Openings.

Both glazing beads will install easily with a soft mallet.



Detail Images:

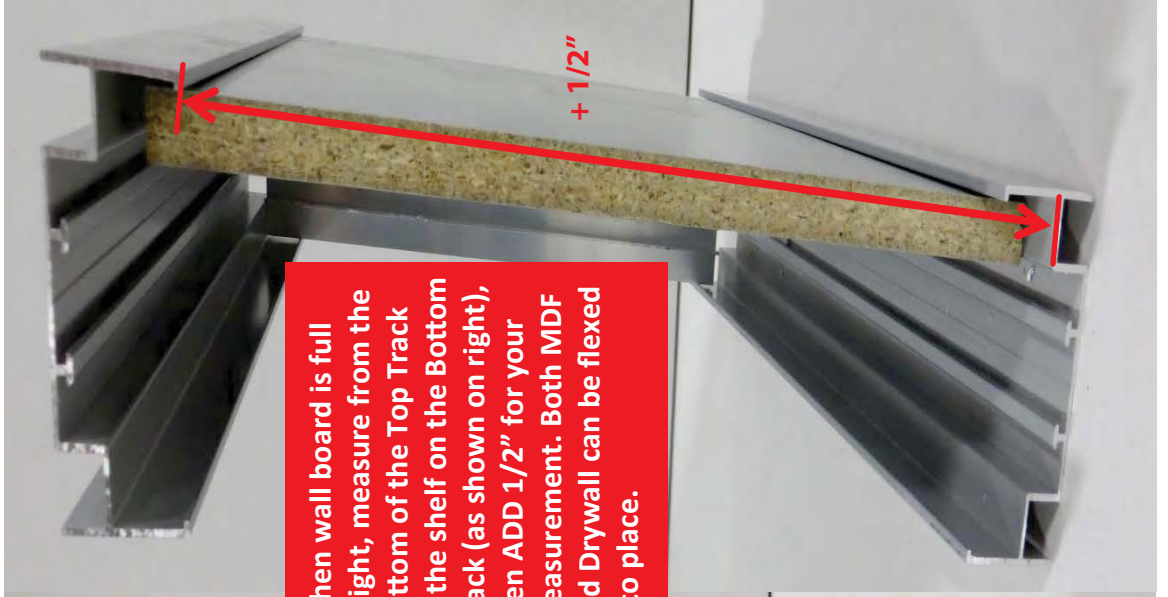
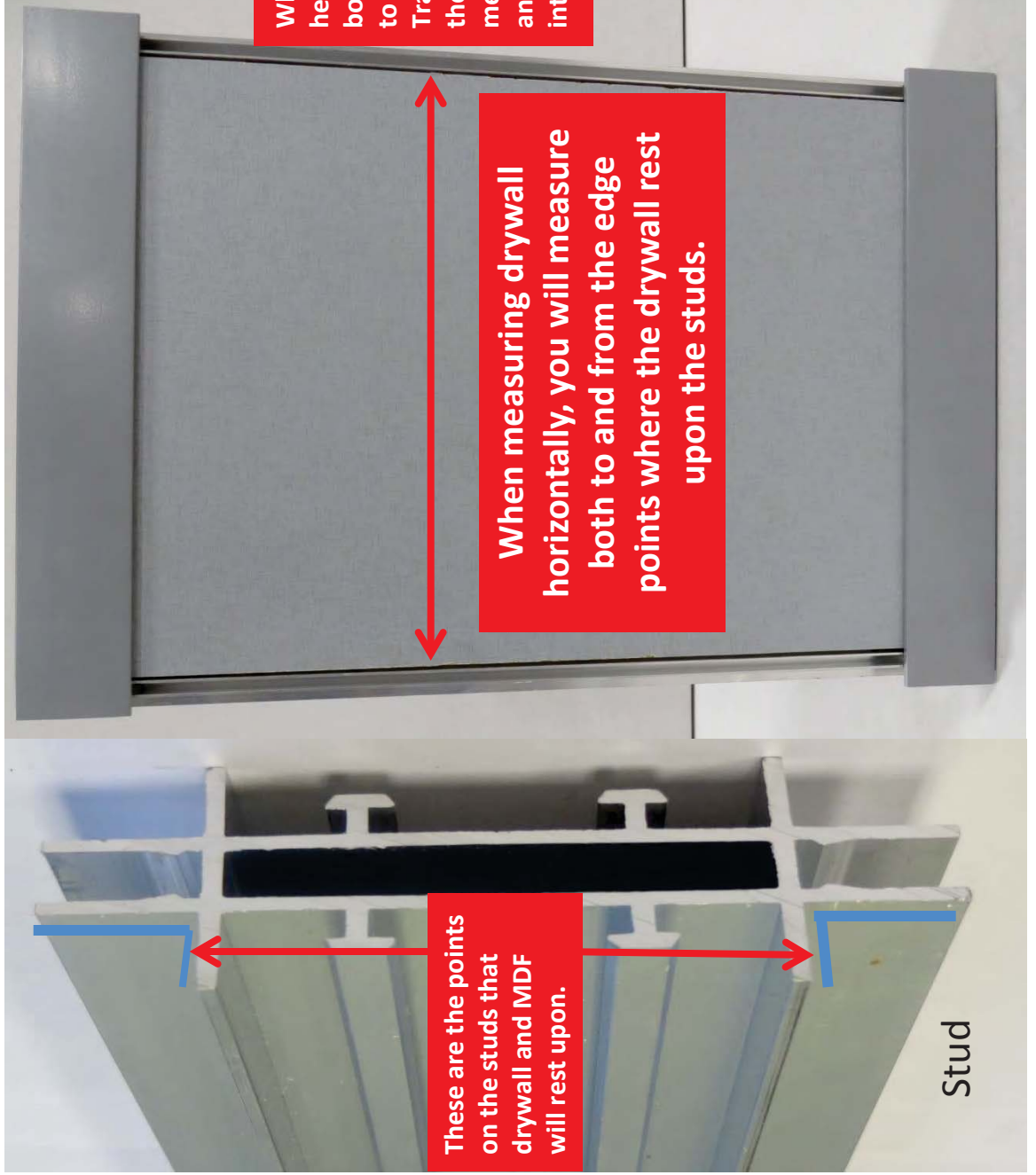


Stud bead snapping into a Stud

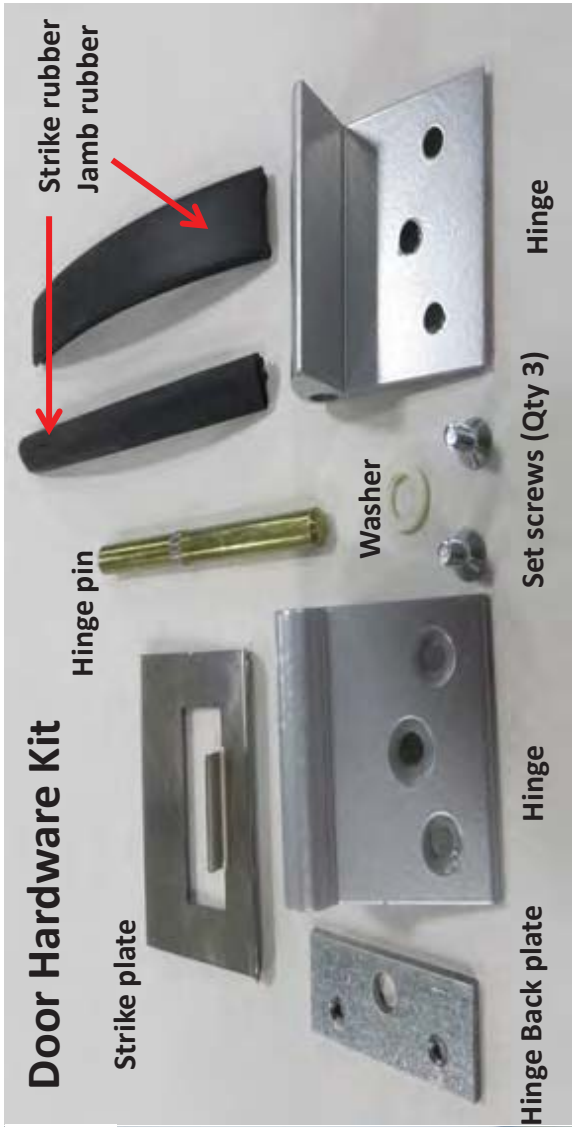
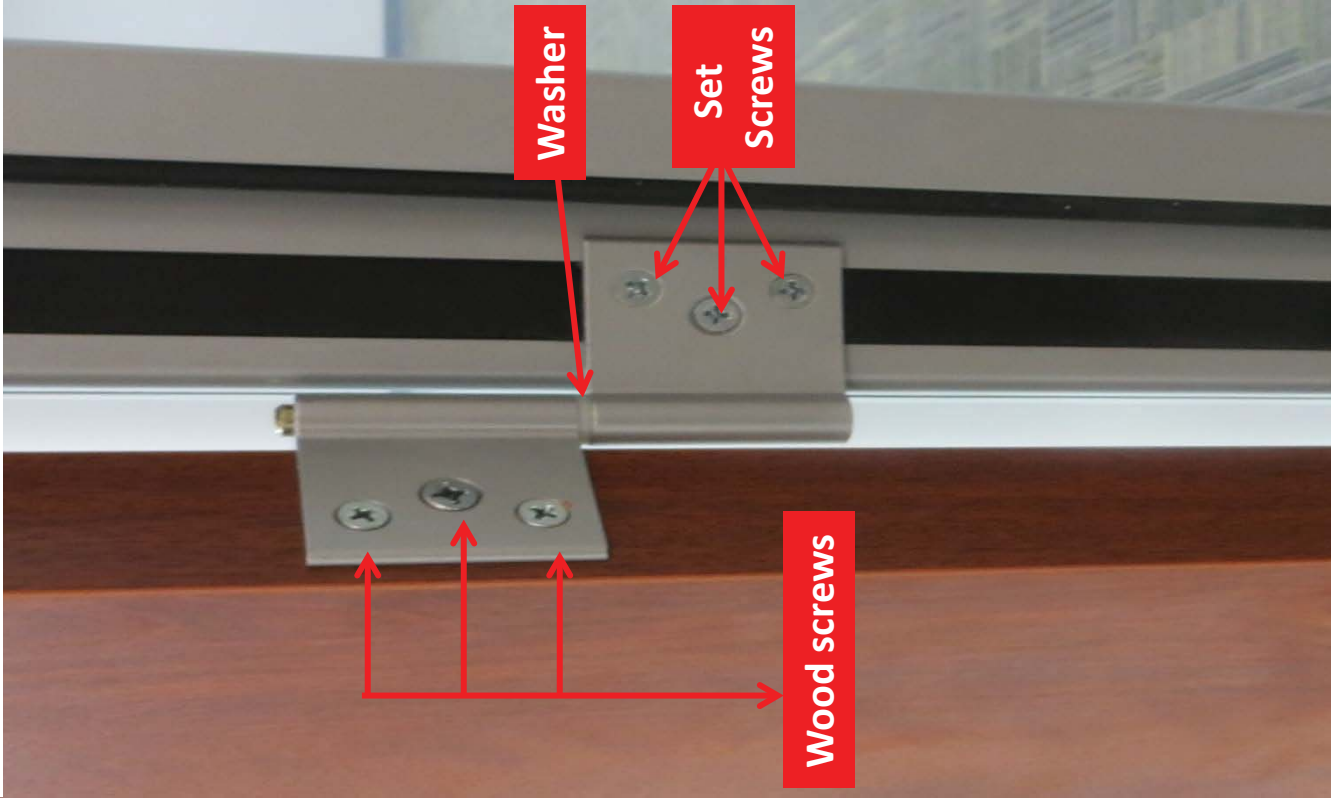


Track bead snapping into Floor or Ceiling Track

Points of Measurement for Drywall and MDF Board



Standard Swing Door Installation



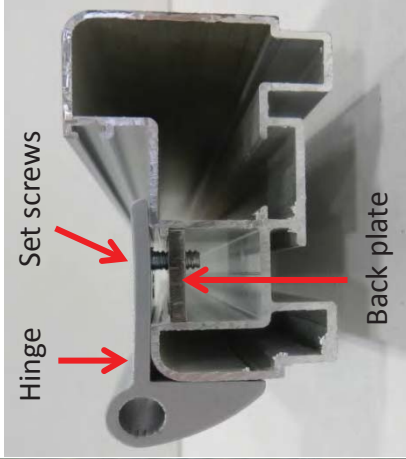
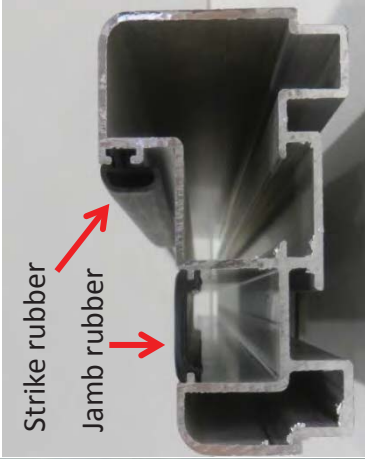
Installing the hinge set for the door:

Fasten one of the hinges to the door, but be sure to predrill the holes for the screws to insure the hinge sets properly on the door.

The hinge that attaches to the door frame is held on by a back plate that pinches the door frame when the set screws are installed.

Confirm that the washer is installed on the pin between the hinges.

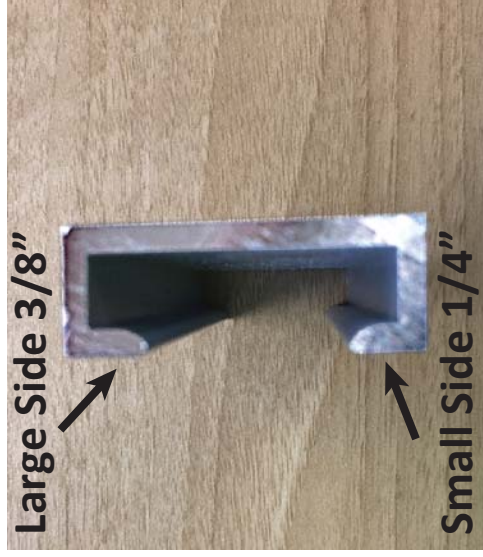
If the washer is not installed, the hinges will bind and start milling and possibly bend the hinge pin.





C-RAIL SLIDING DOOR INSTALLATION GUIDE

COMPONENTS FOR C-RAIL INSTALLATIONS



C-RAIL (PROFILE)



TRIGGER FOR C-RAIL
GLASS DOORS



TRIGGER FOR C-RAIL
ALUMINUM FRAME DOORS

INSTALLING C-RAIL DOORS

Standard door opening of 38" x 85 1/2" = use Flex Stud as horizontal.

Full Height door opening of 38" x Full Height = use Genesis Stud as top track.

Installing the C-Rail:

- 1.) Cut the C-Rail to 77" long eliminating the end hole. (end hole is there to enable painting of product)
- 2.) Lay down so backside (non-open side) is facing upwards, hook tape on end and mark at 4", 27", 50", and 70".
- 3.) Look at the end of the C-Rail and find small side (this the bottom). Make a mark on the back 1/2" up at locations above.
(Full height doors with Genesis stud will be 3/4" up).
- 4.) At each marked locations drill a 5/32" hole.
- 5.) Using a C-Clamp, fix your C-Rail into place, level, then take a 5/32" drill bit and drill through trim and stud, remove.
- 6.) When installing C-Rail for full height doors, C-Rail must be down by a 1/8" to make room for trigger.
- 7.) Take your C-Rail screws #10/24 x 11/2" and tap your holes.
- 8.) Take your C-Rail and counter sink your holes with a 3/8" counter sink so screws finish flush.
- 9.) Mount C-Rail.

INSTALLING C-RAIL DOORS (continued)

Install Glass Doors with Soft Close/Soft Open:

- 1.) Install carriages through holes in upper door side with flat part of carriage down.
- 2.) Install soft close/soft open using upper hole with Allen head screw and small washer tighten and loosen slightly.
- 3.) Install door onto C-Rail, slide from end or install as glass door is standing in opening.
- 4.) Install floor guide onto door stud and adjust for height.
- 5.) Install door handle.
- 6.) Install door bumpers (make sure you can grab the handle and not hit your knuckles on the frame work when setting bumpers).
- 7.) With door installed, you can begin to install the triggers. First, close the door to install trigger with Allen set screw plate. Line set screw so you are tight to small side of trigger. Trigger should be even with the back of the C-Rail. Drill two holes through the trigger into C-Rail using a 1/8" drill bit. Install #6 x 1/2" screws,

IMPORTANT: Clean the C-Rail of all aluminum shavings.

- 8.) Open the door and do the same for soft-open: Install the trigger... Once trigger is set, adjust the set screws so the soft open and soft close will reset triggers.

INSTALLING C-RAIL DOORS (continued)

Install Aluminum Doors with Soft Close/Soft Open:

- 1.) Doors will come with soft open and soft close units installed inside the doors.
- 2.) Must drill holes into the doors first (see **Door Prep** template page for instructions). On the side where the door faces the rail you must drill holes. From the upper corner measure in $1\frac{1}{4}$ " and $3\frac{3}{8}$ " and then down $\frac{13}{16}$ " and drill a $\frac{1}{2}$ " hole in both areas. Repeat on both ends of the door.
- 3.) Install the carriages through the holes.
- 4.) Install the spacers.
- 5.) Install the carriage caps.
- 6.) Install aluminum framed door onto C-Rail.
- 7.) Install floor guide and adjust for height.
- 8.) Install door handle.
- 9.) Install door bumpers (make sure you can grab the handle and not hit your knuckles on the frame work when setting bumpers).
- 10.) With door installed, you can begin to install the triggers. First, close the door to install trigger which is flat with a $\frac{7}{8}$ " x $\frac{1}{4}$ " extension on it. Line the $\frac{1}{4}$ " extension part of the trigger tight to the small side of the trigger. Trigger should be even with back of C-Rail. Drill two holes through the trigger into C-Rail using a $\frac{1}{8}$ " drill bit. Install #6 x $\frac{3}{8}$ " screws.

IMPORTANT: Clean the C-Rail of all aluminum shavings.

NOTE: If doors do not hit trigger you can take a pair of pliers and bend the extension down to make the trigger engage.

Framing a Sliding Door (C-Rail Installation)

When installing a sliding C-Rail door you will want to install the outer shell of your wall first. Set your posts, wall start and your top track. Be sure to have your L-brackets in your track and already in place before you install the track. After the shell of your wall is framed, install the Flex stud that creates the other side of your door frame. The **visual opening (V.O)** of the framing for your door is 38 inches wide. Once your stud is set and plumb, measure for your bottom track. The stud for the door **does not** sit inside the bottom track (*please see image below*).

FLEX STUD

Example of how the stud sits **outside** of the bottom track when framing for doors.

V.O = 38"

V.O = 38"

Clerestory

If the project includes a clerestory, then you are able to segment the wall at the top of your door height (as shown).

If you have multiple doors across a long span of wall, then you will want to find the highest point on the floor and level from there to get your height measurements.

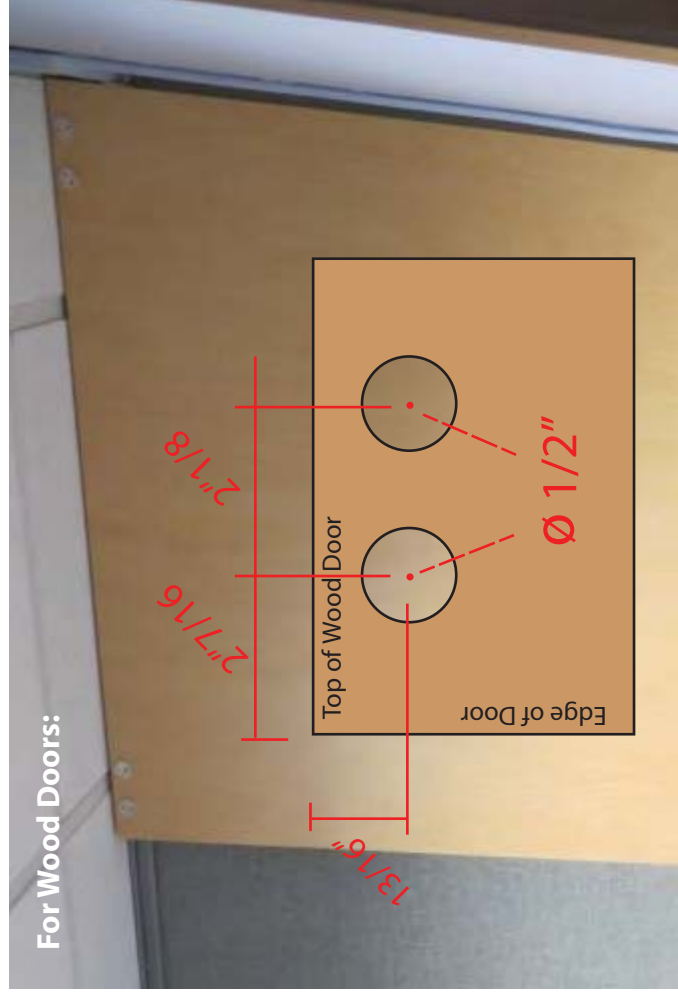
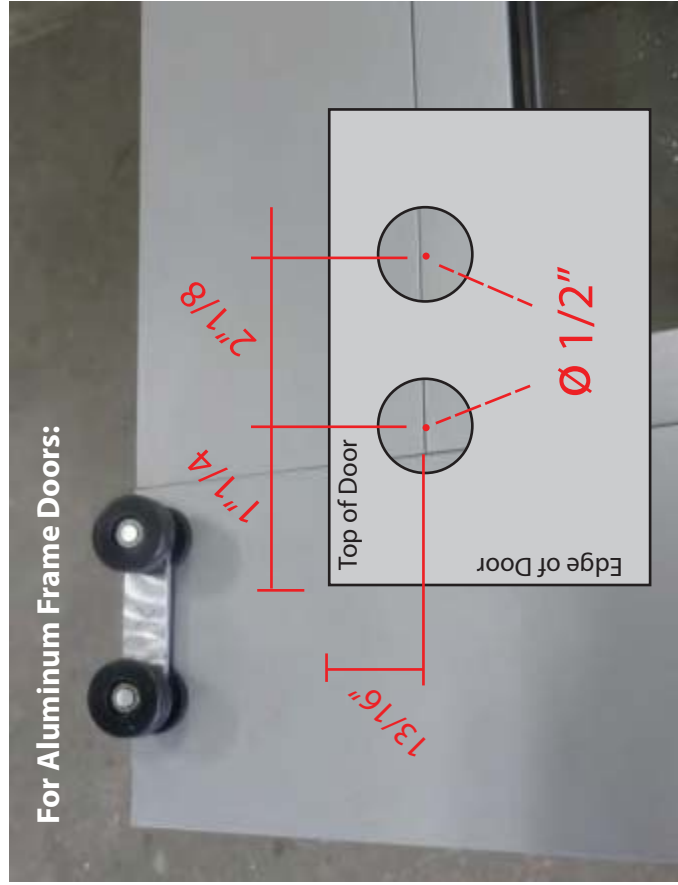
The c-rail slider will attach through the Flex stud.

If you have a full height door your top track will be replaced by a Genesis Flex stud. With the c-rail you have options of a solid door, aluminum framed glass door, and a frameless all glass door.

V.O 85 1/2"

Your visual opening (V.O) will be from the floor to the very bottom of the stud as shown above.

Door Preparation



DIMENSIONS (Above):

13/16" to center of holes from the top edge of the door
 1" 1/4 to center of hole from the side edges of the door
 (NOTE: These are STANDARD recommended hole placements for aluminum frame doors, for wood doors- see the top right image for dimensions)



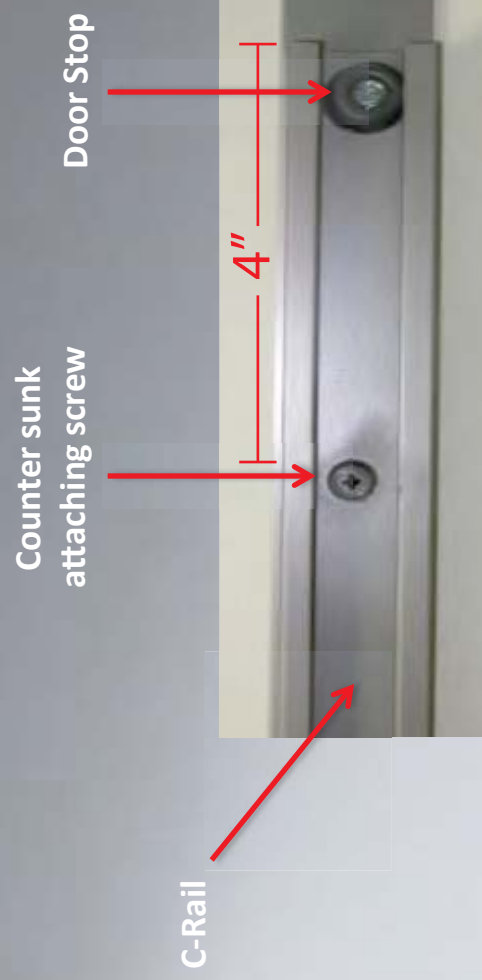
When installing the carriages for the solid sliding doors, you will have to pre-drill the holes to mount your carriages. You will want to mount close to the top of the door, but not too close to where you hinder the structural integrity of the door. When you pre-drill for your aluminum door, be sure to place the carriages so that you still have room to get the caps on inside the frame of the door. With the solid doors there will be extensions for the carriages. Glass doors will come with drill outs already within them. Be sure that you check the measurement of your c-rail to the placement of your carriages. That will directly effect where your carriages are positioned on the door.

NOTE: There is some amount of "play room" when drilling holes for carriage placement if there is a hump in the doorway (not level) but standard hole placement is generally recommended.

FOR FULL HEIGHT DOORS

After all the wall board, glass, and trim is installed you are ready to install the c-rail. To prep the c-rail: drill 4 holes into the center of c-rail with a 5/32 drill bit at least 4 inches away from the edge of the c-rail. After you have drilled the c-rail, counter sink the holes so the screw head finishes flush. You will want to pre-drill both the trim and the stud in which the c-rail is to be mounted to. **Make sure the c-rail is level.** When the c-rail is installed in place, slide the door in from the end of c-rail, plumb down and get the placement for your floor guides. Slide the door out of the way to install the floor guides. After floor guides are installed in place, position the door and install the door stops inside of the c-rail, one at each end.

C-rail is 77"Length



FLOOR GUIDES



Installing the floor guide:

Center the floor guide onto the stud. Fasten the top hole with screw. Adjust guide up if needed. Install the second screw in the bottom hole.



Installation Examples of a sliding door with a clerestory and a sliding door floor-to-ceiling.



GLASS MEASURING GUIDE

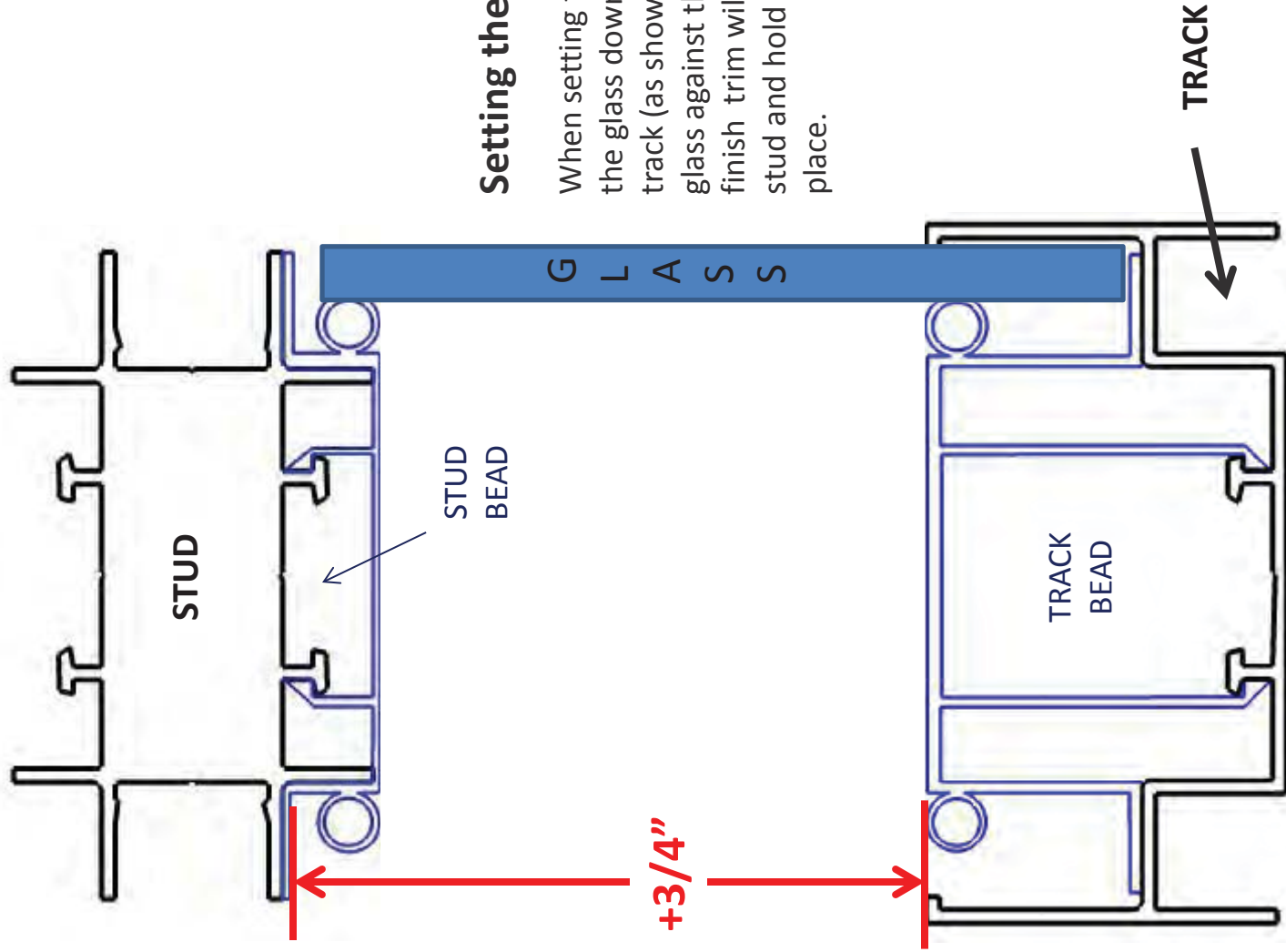
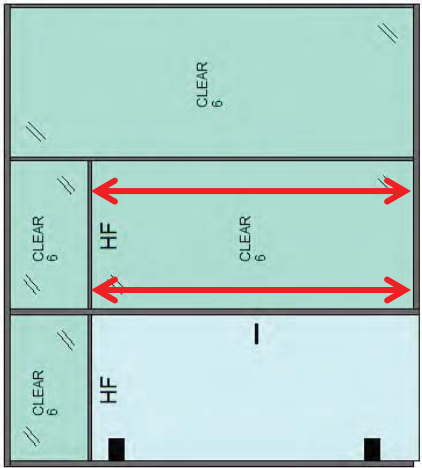
Flex Series

Diagram illustrating the relationship between the glass, stud bead, and stud for the ELEV SERIES. The diagram shows a cross-section of the window assembly. A red dimension line indicates a distance of $\frac{1}{8}$ " from the stud bead to the stud.

For the ELEV SERIES: Measure from stud bead to stud board.

Measuring Track to Stud

When measuring Track to Stud to Stud, place your tape at the top of the bottom track and measure up to the stud bead and add 3/4" as shown in the picture.

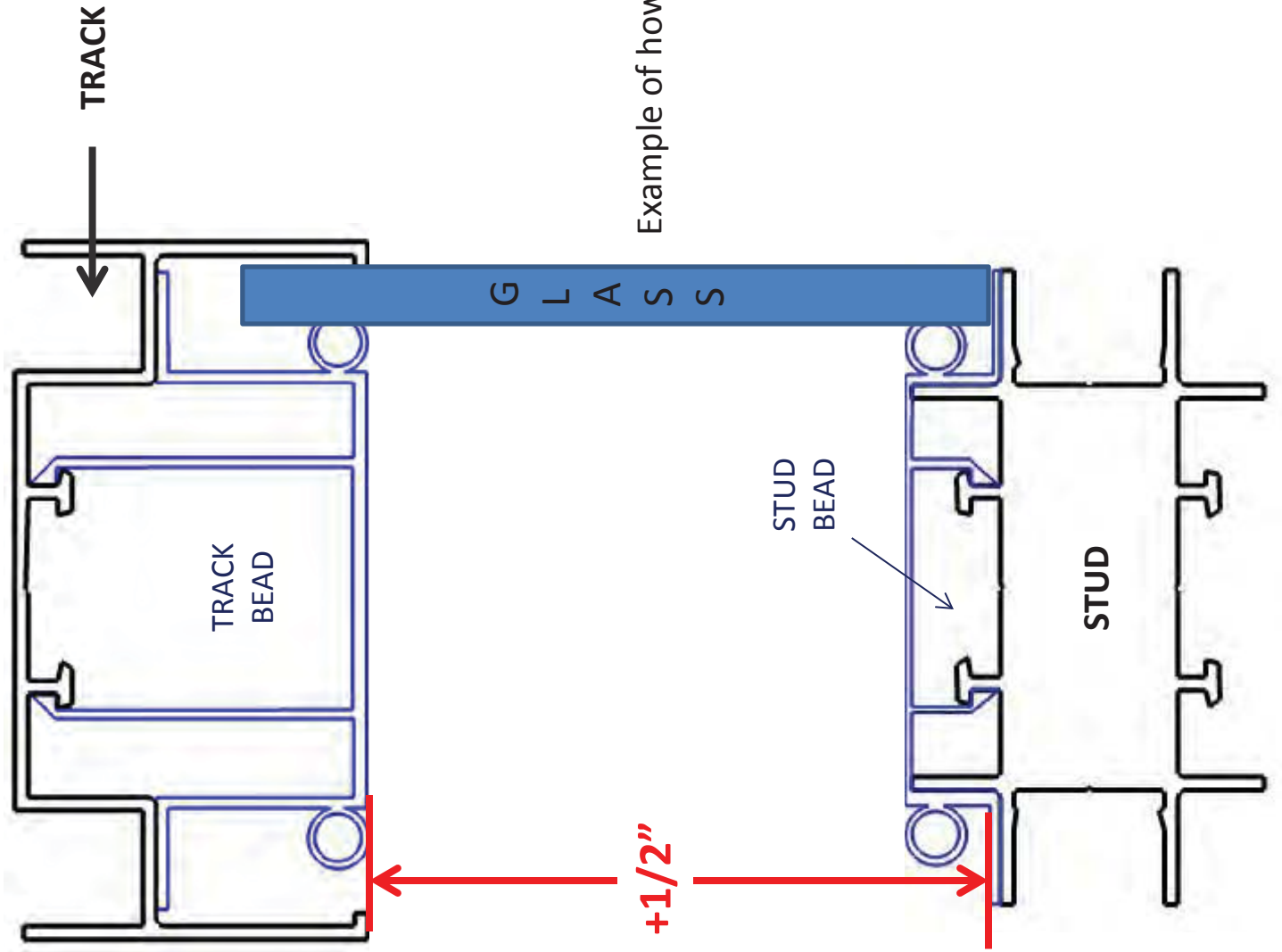


Setting the Glass

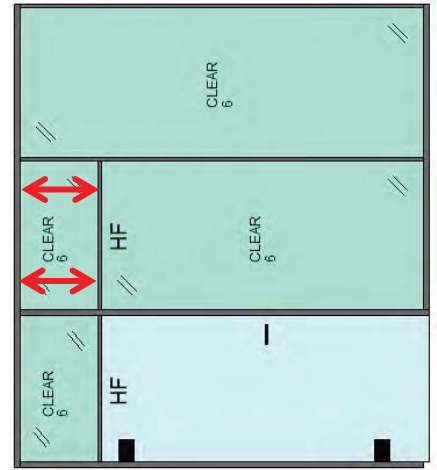
When setting the glass: first set the glass down into the bottom track (as shown) and rest the glass against the stud bead. The finish trim will snap into the stud and hold the glass firmly in place.

Clerestory

When measuring a clerestory, place your tape against the stud bead and measure up to the bottom of the top track like shown in picture and add a **$1\frac{1}{2}$ "**.



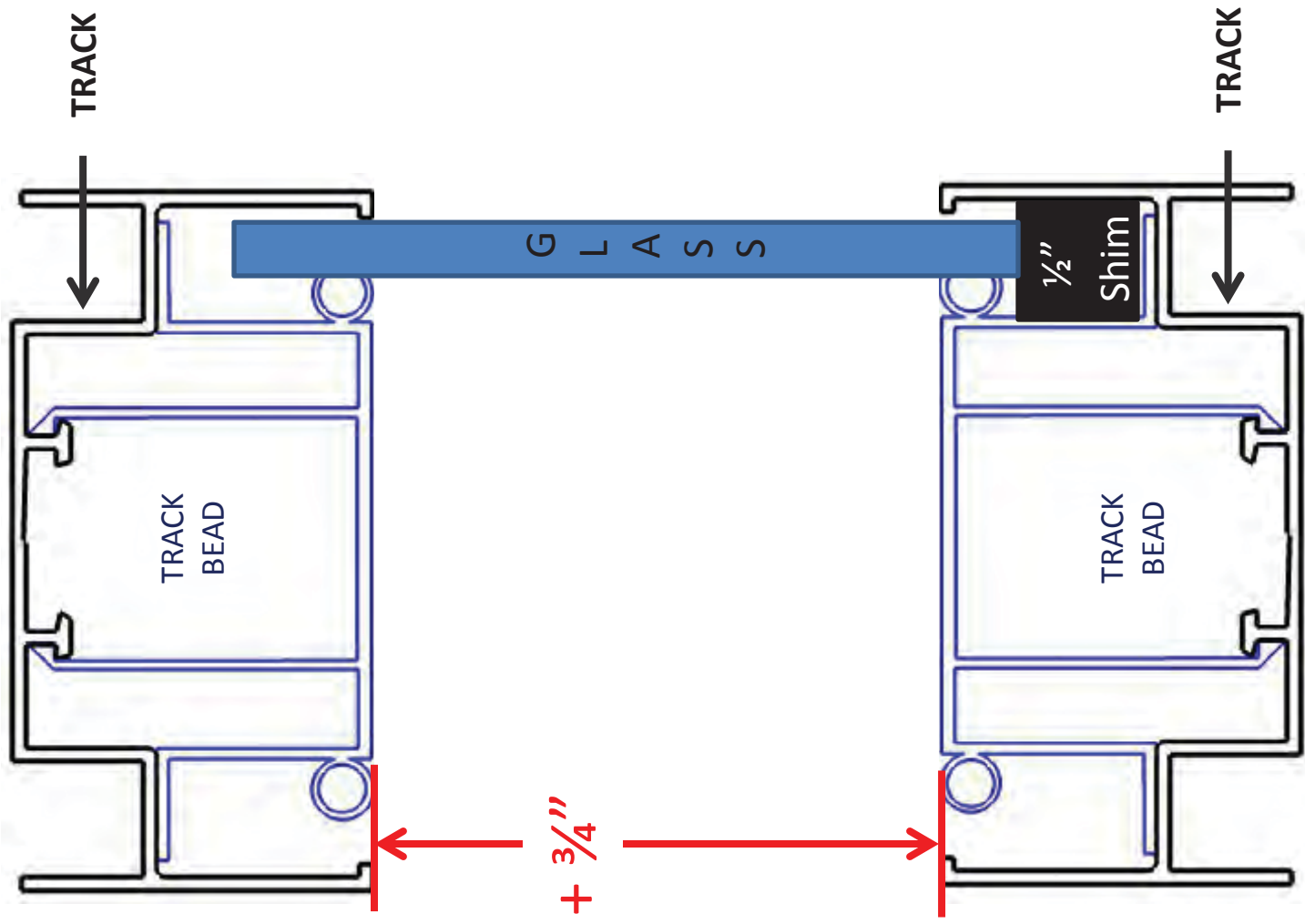
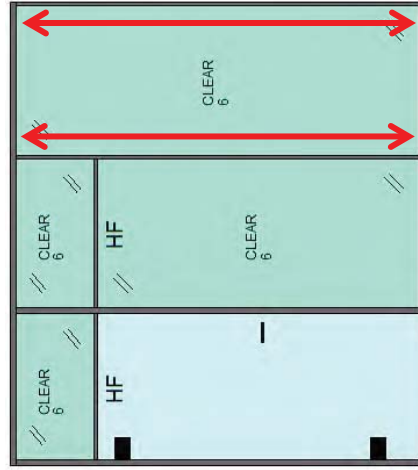
Example of how the glass sets



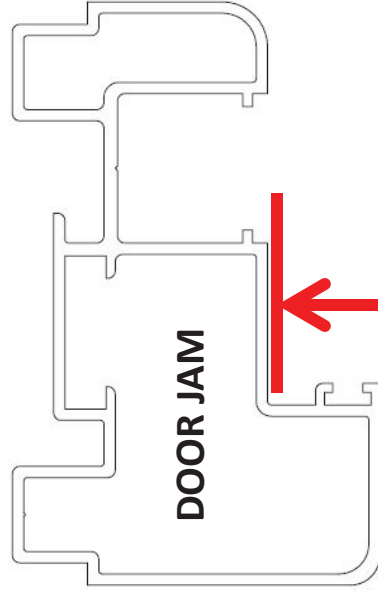
Full Height Glass

Measure the visual opening from the top track to the bottom track and add $\frac{3}{4}$ " like shown in the picture.

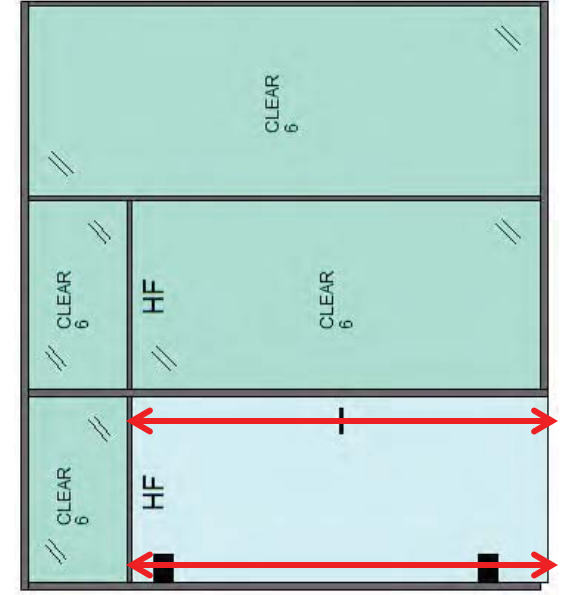
When measuring for Flex Series full height glass you will need to measure both sides of your opening and adjust your measurement appropriately.



Measuring Guide For All Glass Door Height



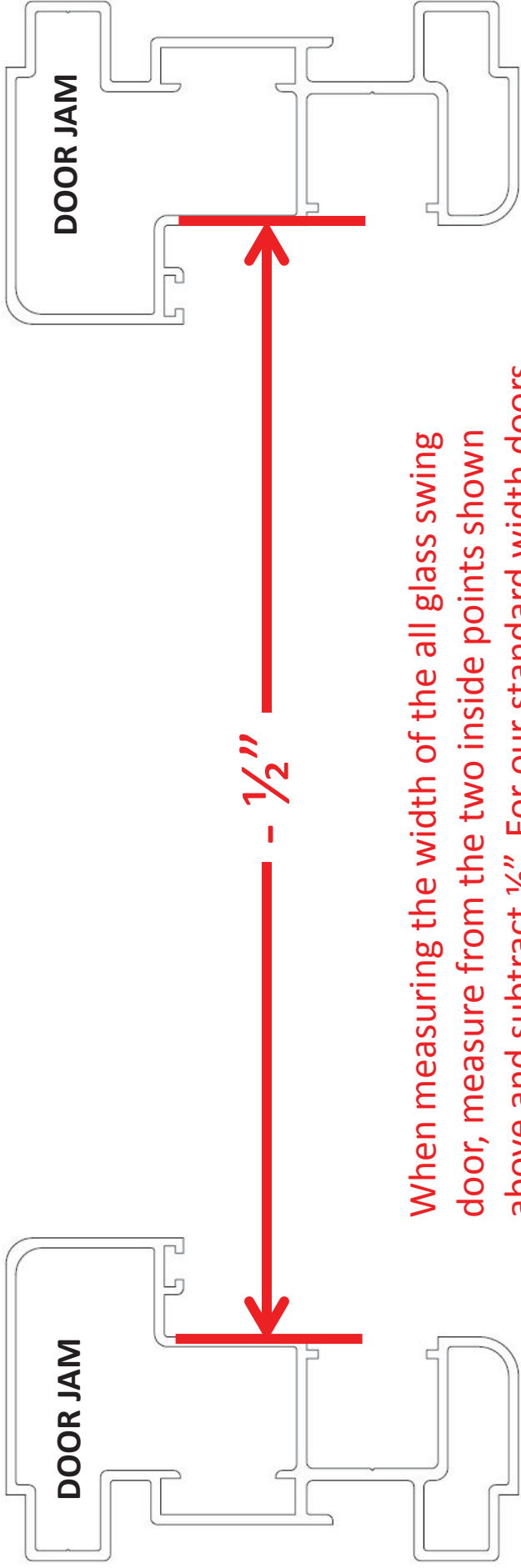
When measuring for a glass swing door, measure from the floor the top jamb like shown here and subtract $\frac{3}{4}$ ". This will allow for a $\frac{1}{4}$ " at the top and $\frac{1}{2}$ " at the bottom. Be sure to check both sides and adjust accordingly.



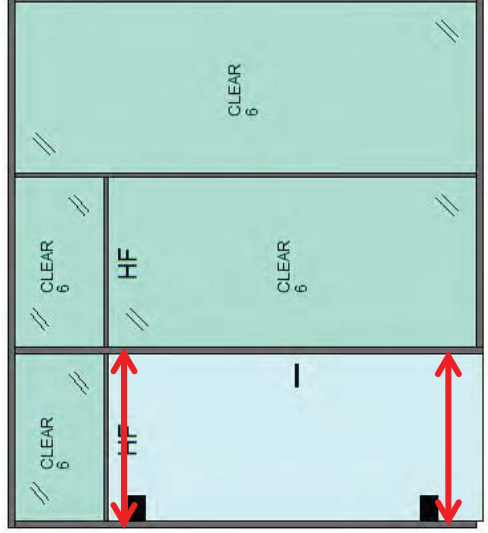
- $\frac{3}{4}$ "

Floor

Measuring Guide For All Glass Swing Door

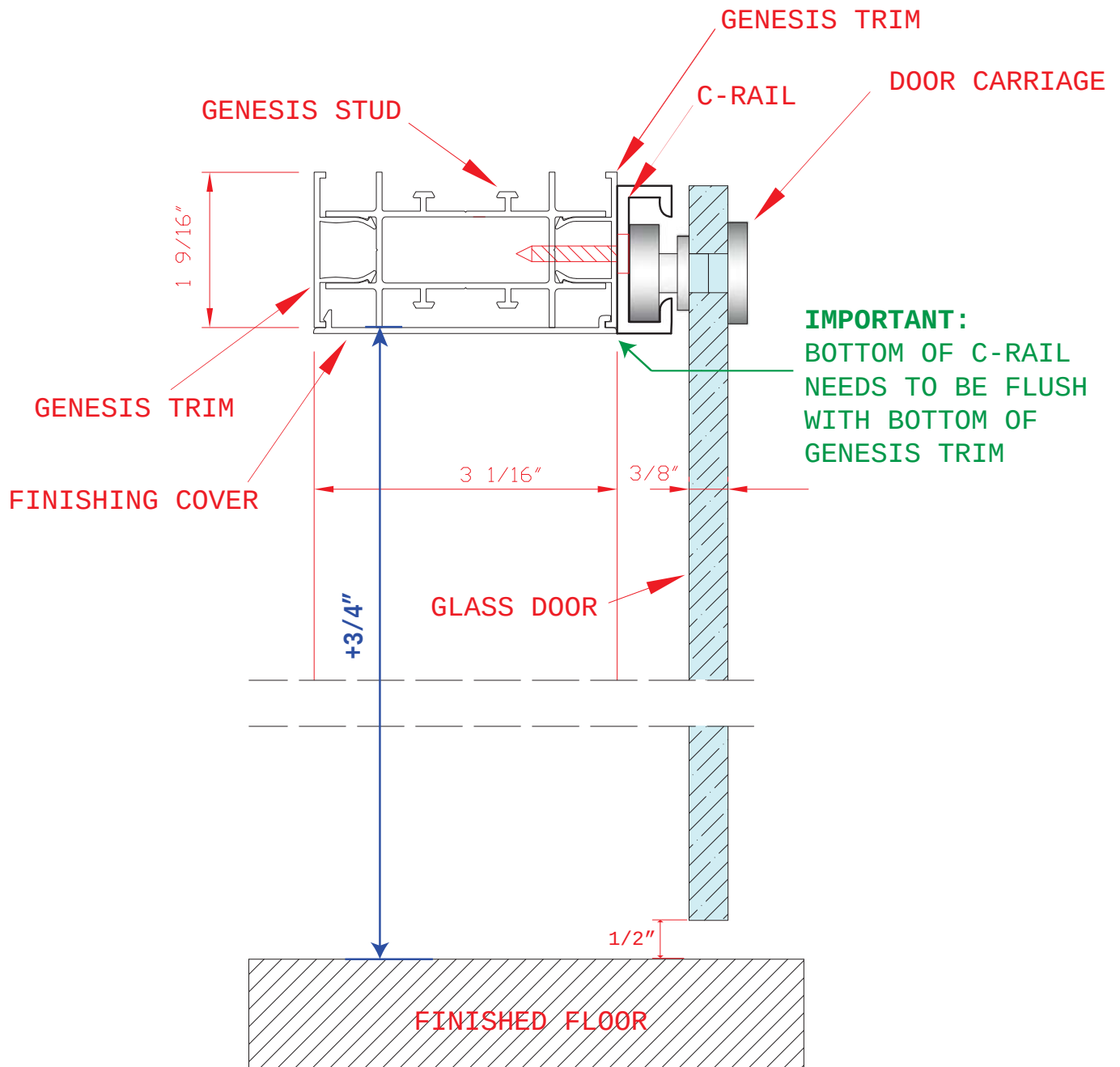


When measuring the width of the all glass swing door, measure from the two inside points shown above and subtract $\frac{1}{2}''$. For our standard width doors you should get $35 \frac{1}{2}''$ for a width.



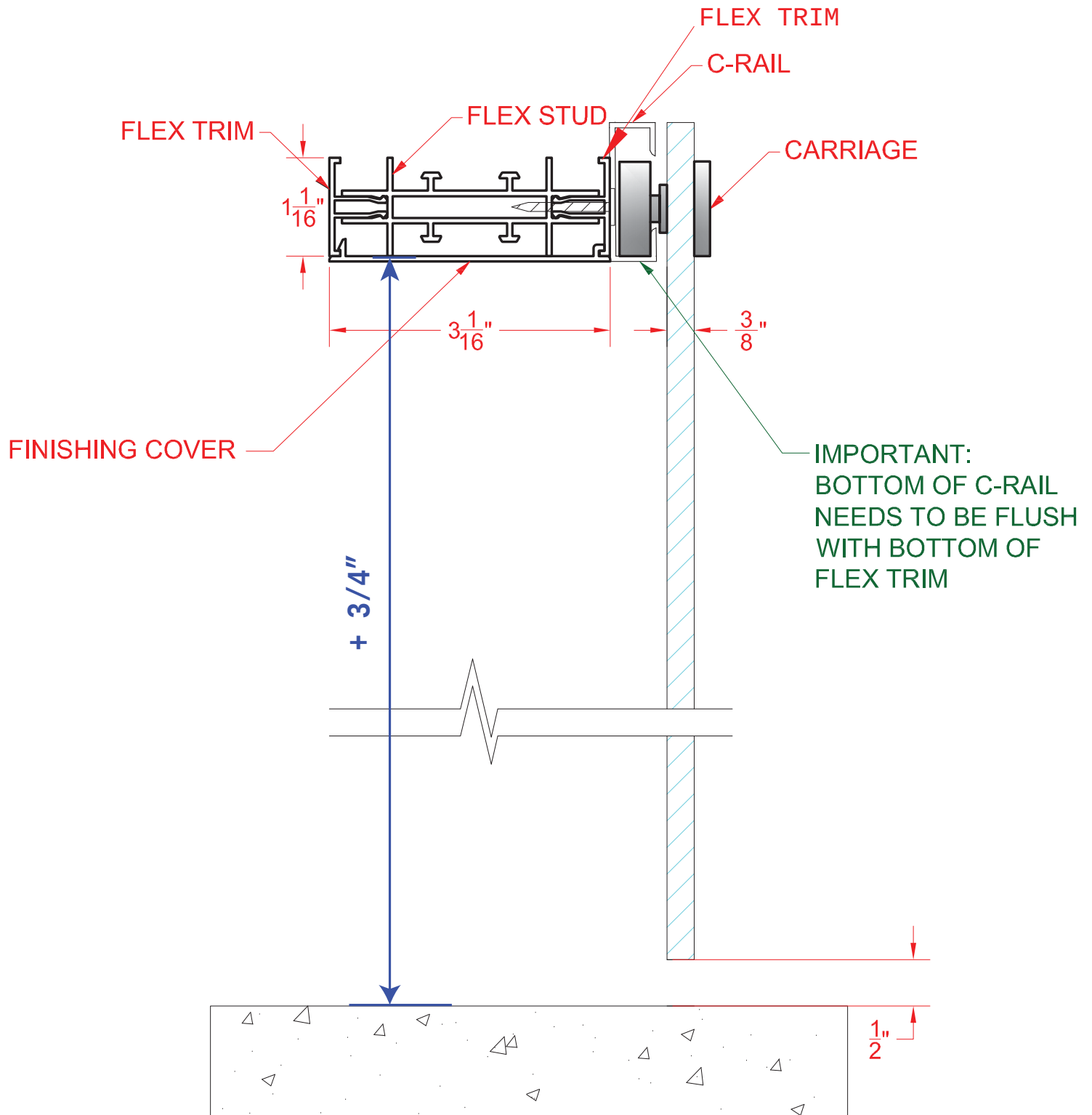


C-RAIL GLASS DOOR MEASUREMENT (GENESIS STUD)



GLASS DOOR MEASUREMENT FOR C-RAIL:
MEASURE FROM THE BOTTOM FIN OF THE GENESIS STUD
TO THE TOP OF FINISHED FLOOR,
THEN **ADD $3 \frac{3}{4}"$**

C-RAIL GLASS DOOR MEASUREMENT (FLEX STUD)

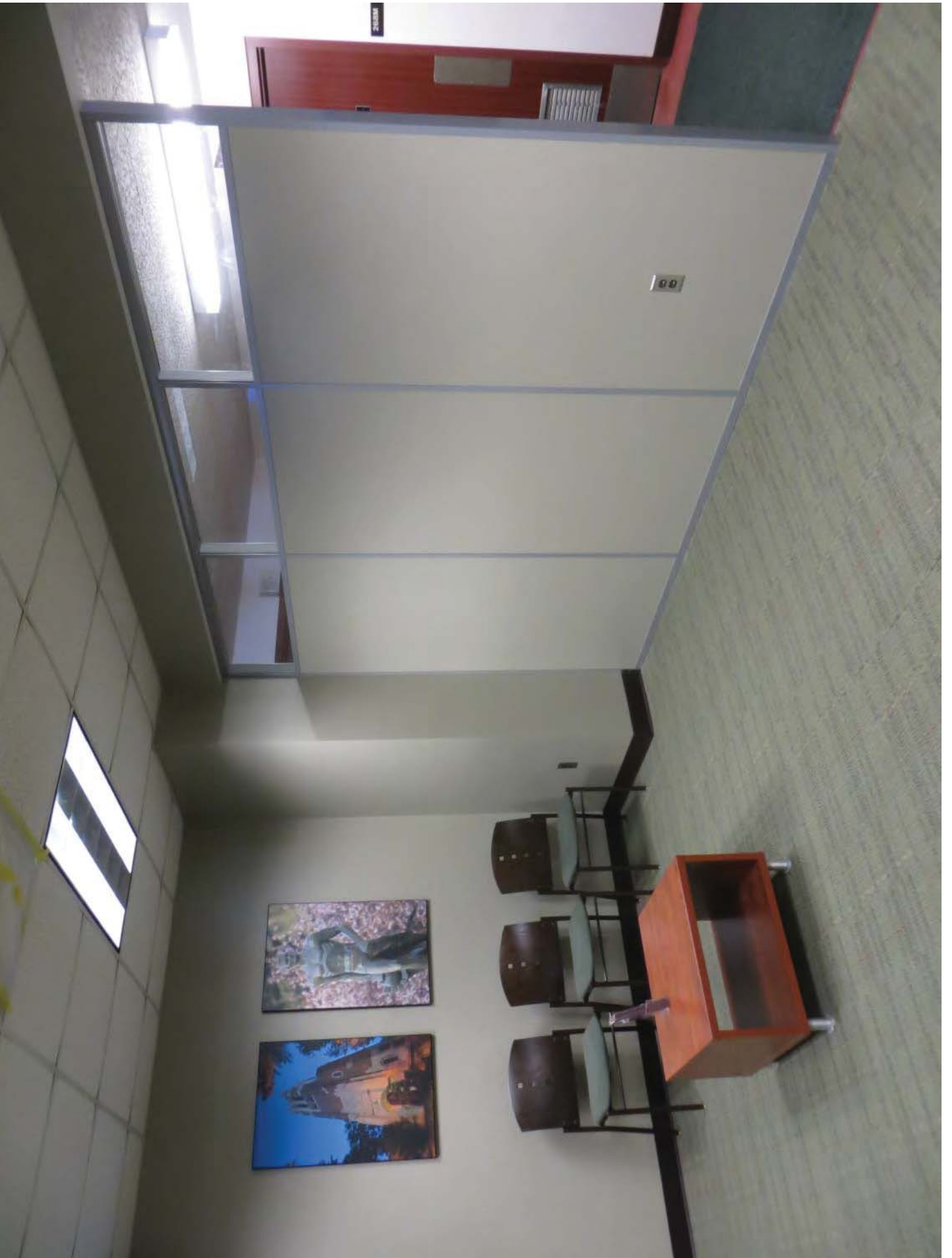


GLASS DOOR MEASUREMENT FOR C-RAIL:
 MEASURE FROM THE BOTTOM FIN OF THE FLEX STUD
 TO THE TOP OF FINISHED FLOOR,
 THEN **ADD $3\frac{3}{4}"$**



INSTALLING BYRNE ELECTRICAL POWER BOX INTO FLEX SYSTEM

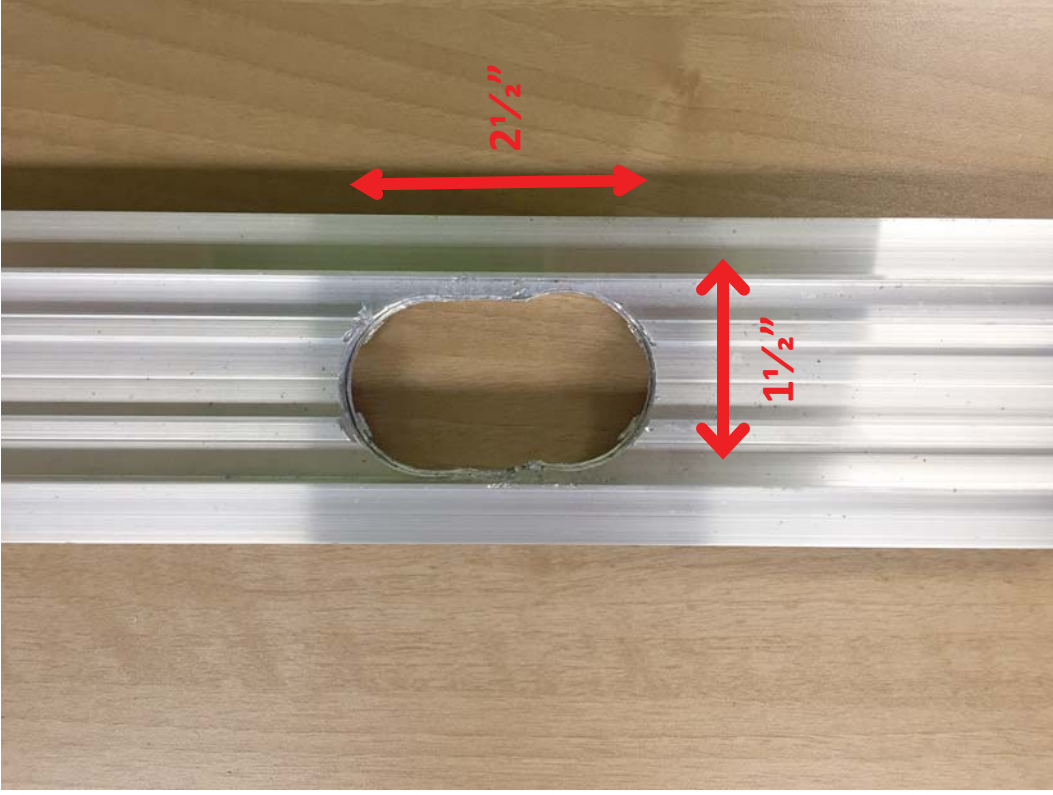
FLEX SERIES



Step 1: Bore out a hole in the vertical Flex stud to fit the BYRNE Power Entry (Male Jumper) Cable Through

-Hole Must Be At Least $2\frac{1}{2}$ " X $1\frac{1}{2}$ " to Fit The Male Jumper

- Aesthetics are not important while boring out this hole. We recommend using the largest drill bits you have to make this as easy as possible.

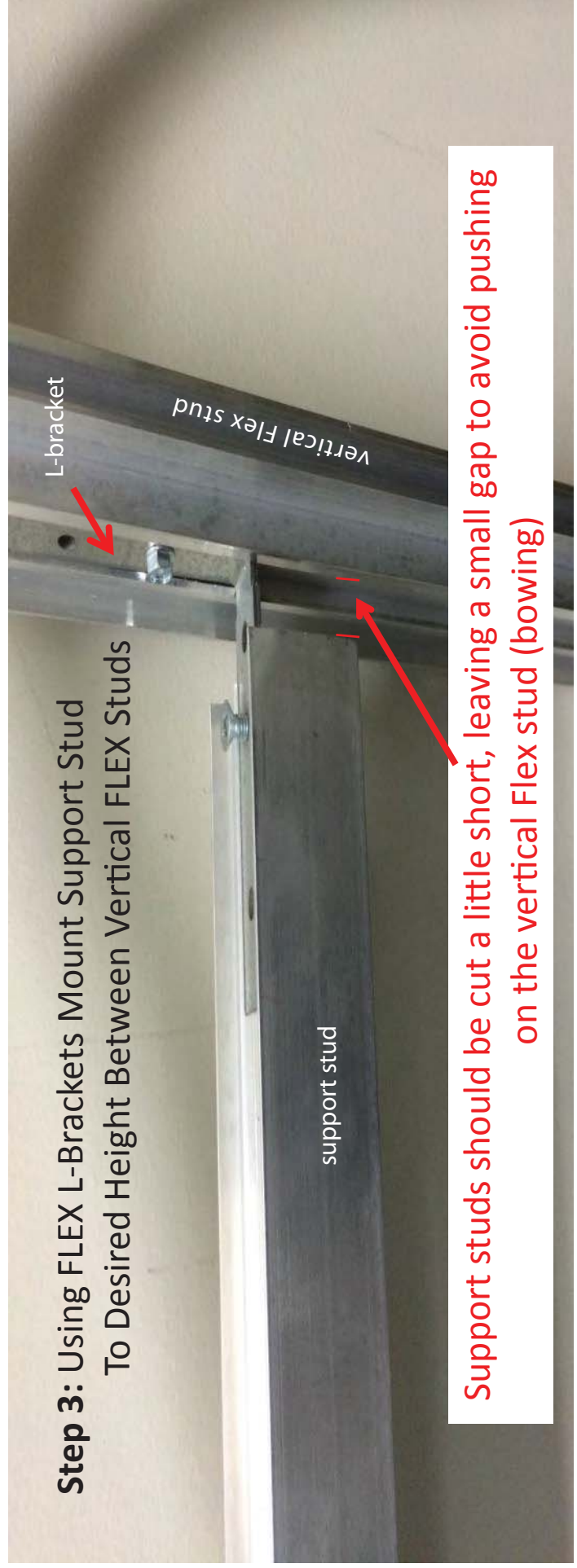


FLEX STUD

Step 2: Place Track Joiner Inside Support Stud Before Mounting Between Vertical FLEX Studs



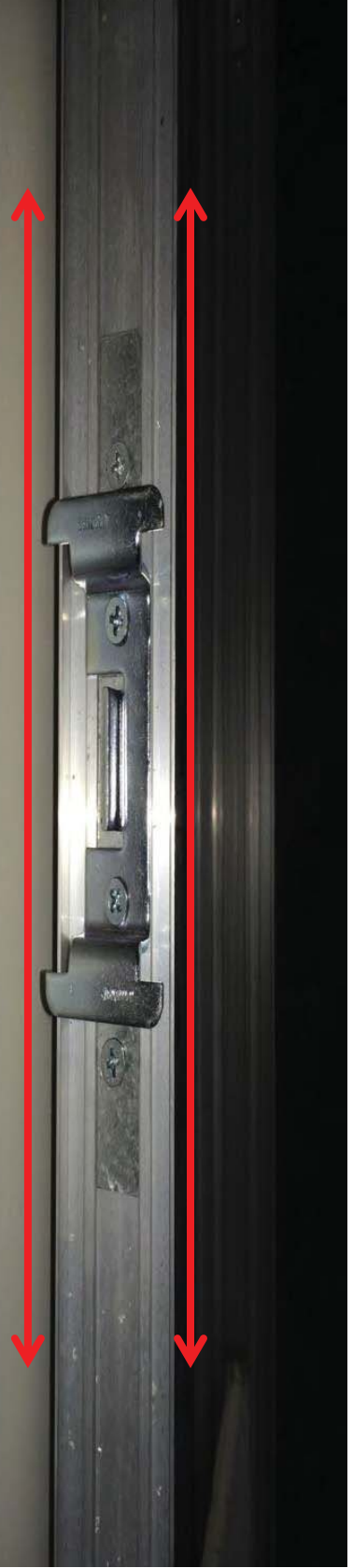
Step 3: Using FLEX L-Brackets Mount Support Stud To Desired Height Between Vertical FLEX Studs



Step 4: Attach the Service Mounting Bracket to the Track Joiner
Plate on the Support Stud



Once attached, the track joiner can slide from side-to-side until desired position has been acquired. Make sure to then tighten down set screws before installing power box onto bracket





Step 5: Slide BYRNE Power Box Into Service Mounting Bracket Along The Fins As Shown

Power box will “Click” once it is pushed into the mounting bracket





Step 6: Push Outlet Into Power Box



Step 7: Slide Outlet To The Right To Lock Into Place

Step 8: Slide Power Entry Cable And/or Jumpers Through Bored Hole In Vertical FLEX Stud



Step 9: Attach Power Entry to Power Box

Note: Connecting Building Power to BYRNE Power Box Is to Be Completed By Certified Electrician



Specifications

- | | |
|-------------------------|---|
| Wall: | • Corporate architectural glass wall |
| Partition: | • Full height glazed wall, centered |
| Frame Material: | • Aluminum |
| Wall Thickness: | • 3-1/16" |
| Maximum Height: | • 10' max for floor-to-ceiling application,
8' max for freestanding application |
| Studs: | • Multi-directional butt-joint or square post |
| Glazing Options: | • 3/8" or 1/2" Single pane, clear tempered, frosted or mixed options |
| Door Options: | • Swing: Solid, frameless glass, or aluminum framed options
Sliding: Full height frameless glass |

Functionality

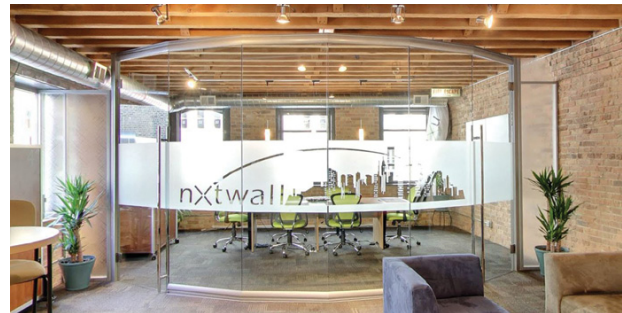
- Integrates with existing construction and other wall systems
- Clear tempered, laminated, or specialty glass accepted
- Reversible doors and door frames
- Glass from 3/8" to 1/2" thickness
- Endless door options and hardware
- Compressive and extremely scalable
- Adaptable to floor level variances
- Sliding door options to maximize your space
- Frameless, closed and open corner options

Available Options

- | | |
|------------------------|--|
| Frame Finishes: | • Standard MS silver powdercoat
• Custom powdercoat
• Clear anodized |
| Door Hardware: | • Locking and non-locking barpulls
• Numerous hardware options available |
| Doors: | • Options available for security, privacy, and accessibility
• Sliding doors to maximize sq/ft
• Swing doors
• Aluminum framed
• Veneer, glass, or laminate
• Single or double door options |
| Wall Panels: | • Clear tempered glass, laminated glass - up to 1/2" thick |

Series Description

NxtWall's View Series offers a clean and sophisticated design using clear tempered, laminated or specialty glass. Scalable to fit, NxtWall architectural wall solutions integrate with imperfect building conditions such as non-level floors, curvilinear layouts and out-of-plumb building columns. Sliding and swing door options, along with many glass finish options, promote creativity in designing your workspace. NxtWall's View Series achieves refined minimalism with unmatched visual impact. NxtWall is an aesthetically superior choice at a competitive price.



Sustainability

- Supports LEED™ building design
- Reusable and reconfigurable
- Up to 100% recyclable
- Daylight harvesting with use of our glass walls
- Eco-friendly finishes available



Ordering Information & Lead Time

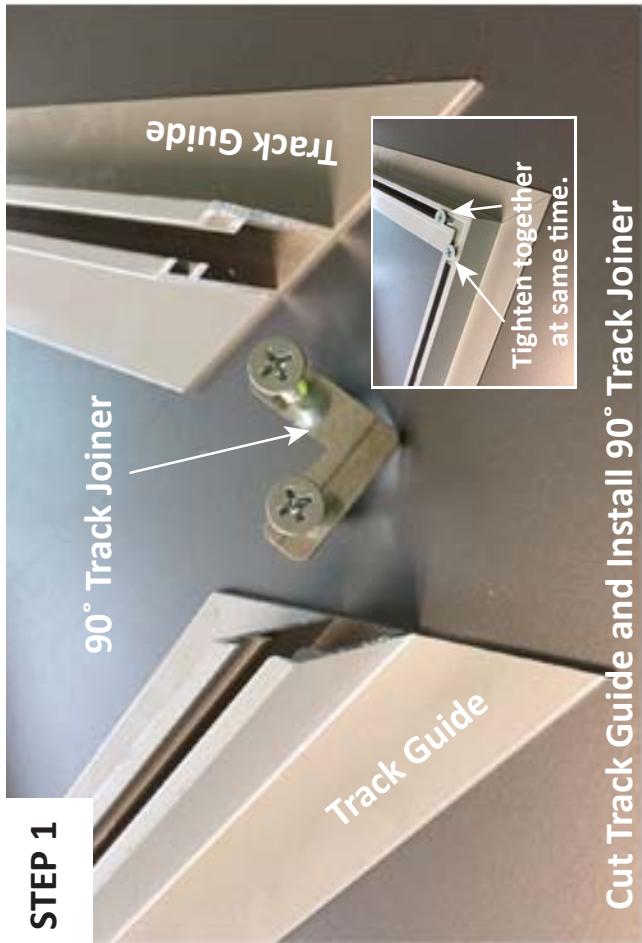
Contact your local NxtWall dealer for a customized quotation.
Demountable wall industry's best standard lead time of 3-5 weeks.



Contact info@nxtwall.com with general questions.

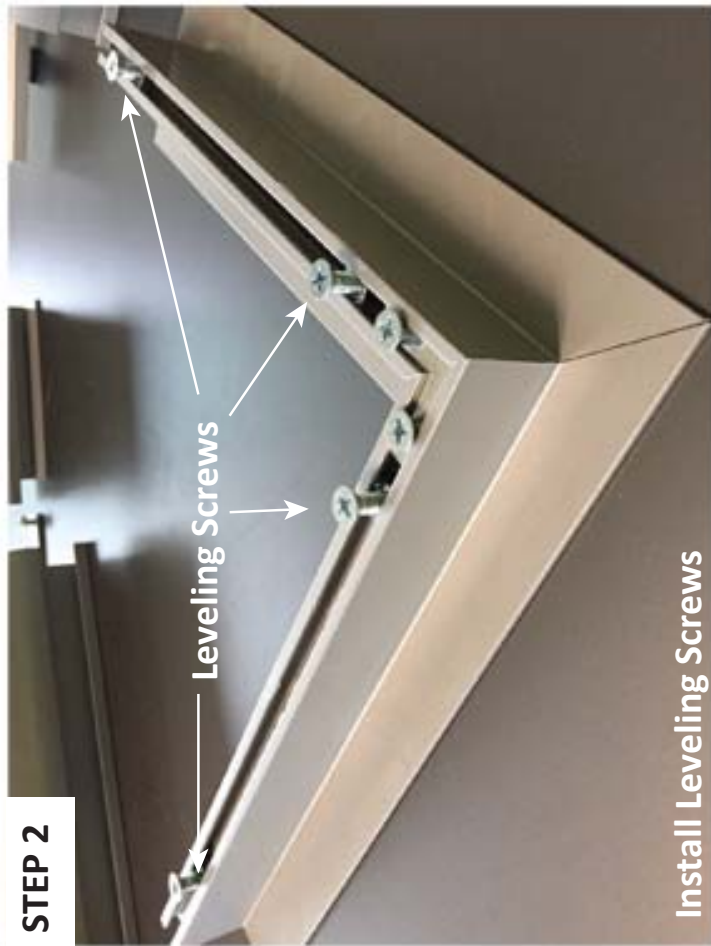
VIEW SERIES 90° TRACK JOINER ASSEMBLY

STEP 1



Cut Track Guide and Install 90° Track Joiner

STEP 2



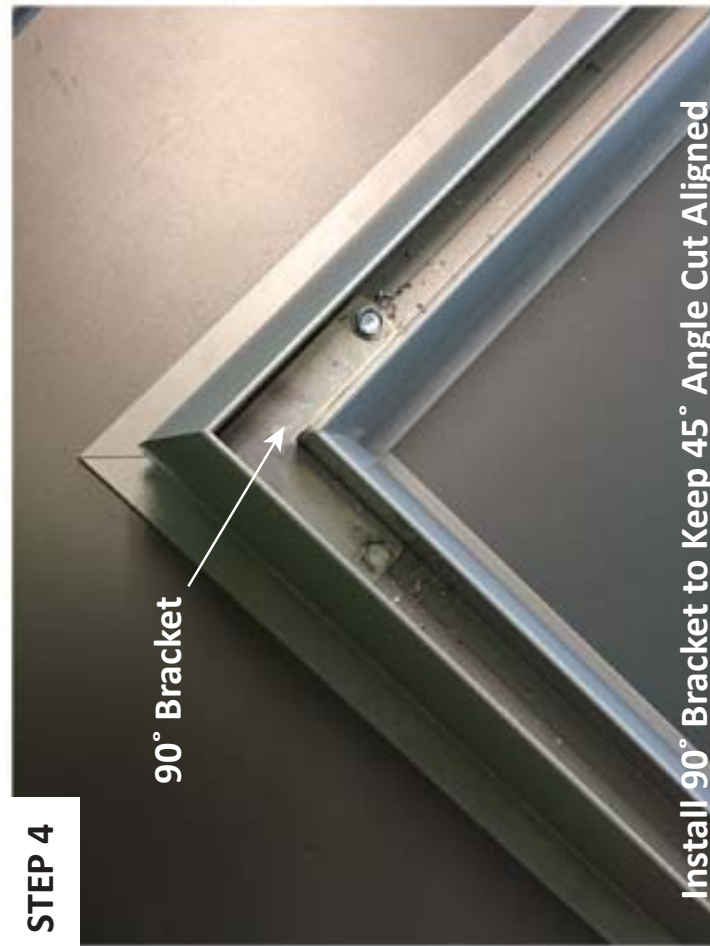
Install Leveling Screws

STEP 3

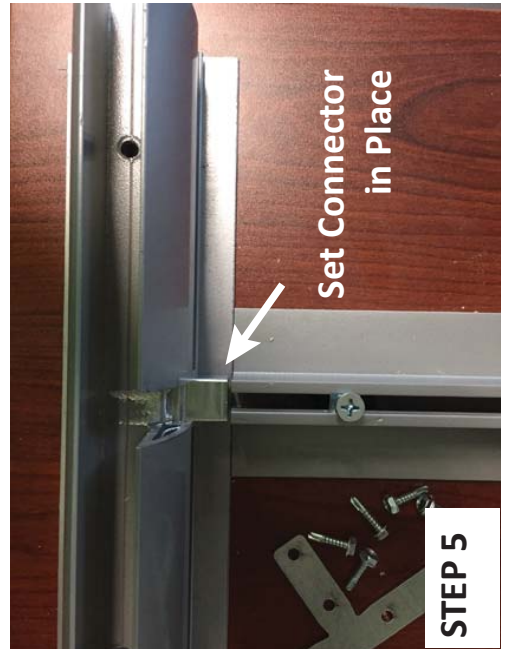
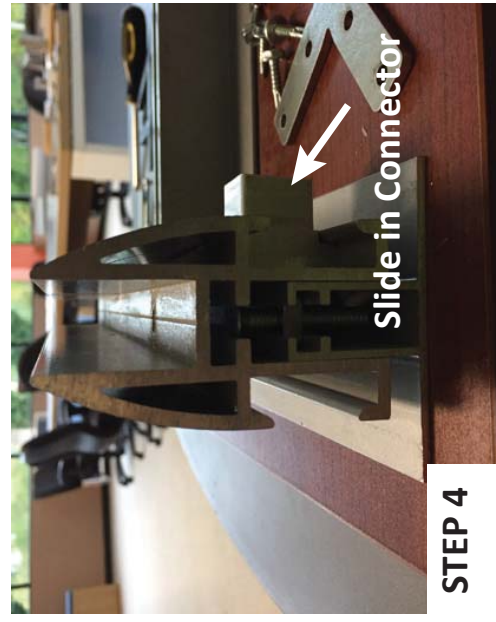


Cut and Install Arrowheads (Track)

STEP 4



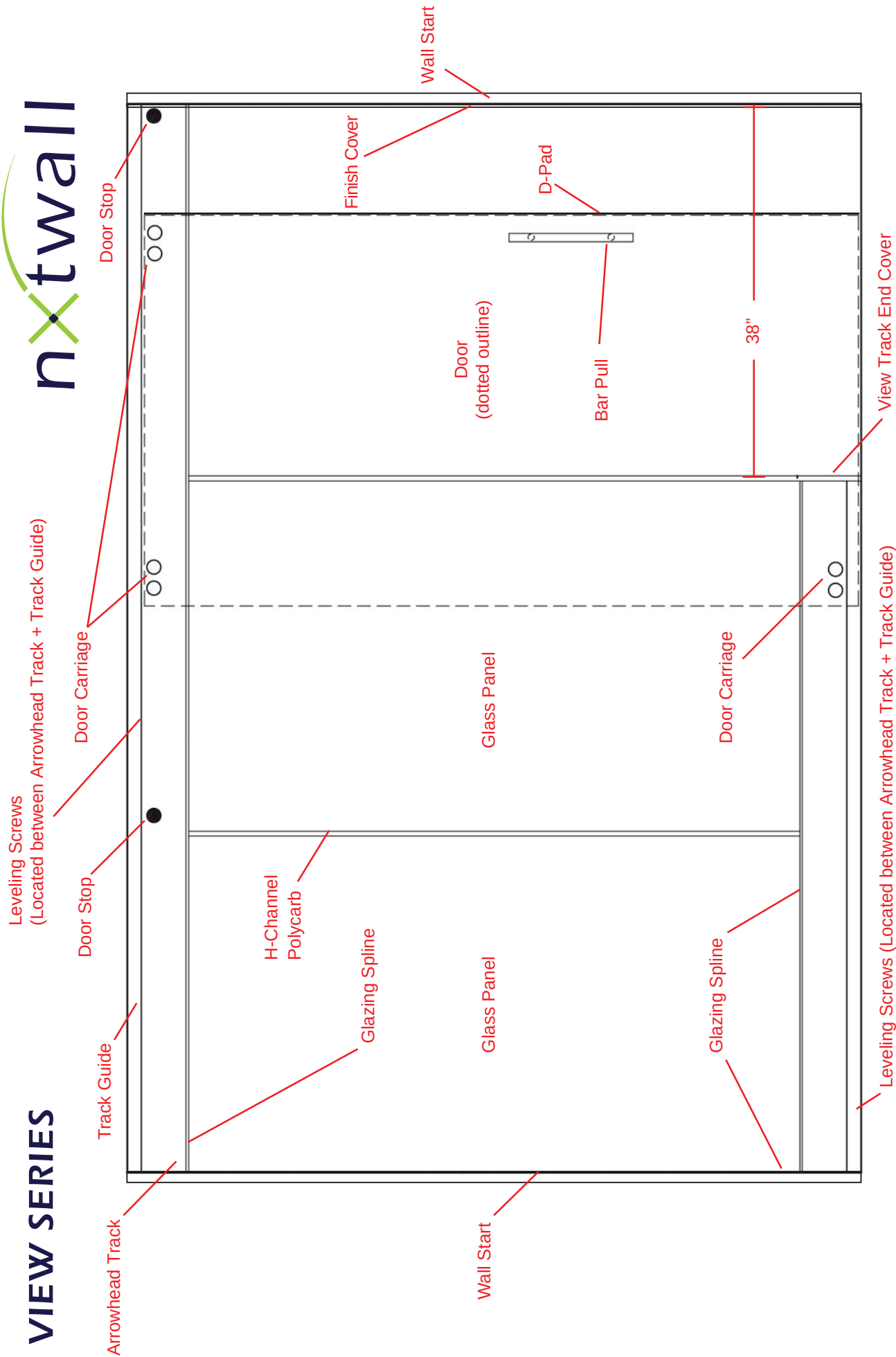
VIEW SERIES T-WALL ASSEMBLY





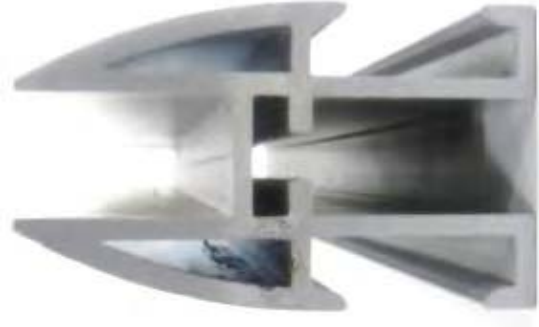
VIEW SERIES with Sliding Door IMAGE INSTALLATION GUIDE

VIEW SERIES



VIEW SYSTEM WALL ASSEMBLY DIAGRAM

VIEW SERIES COMPONENTS



View Track
(Arrow head)



Track Guide



D-Pad



Wall Start



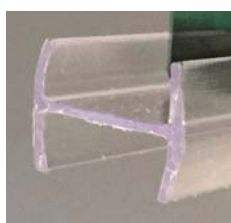
View Carriage

Door Bumps/Stops



Levelers

View L-Bracket



H-Channel Polycarb



1/2"



1/8"

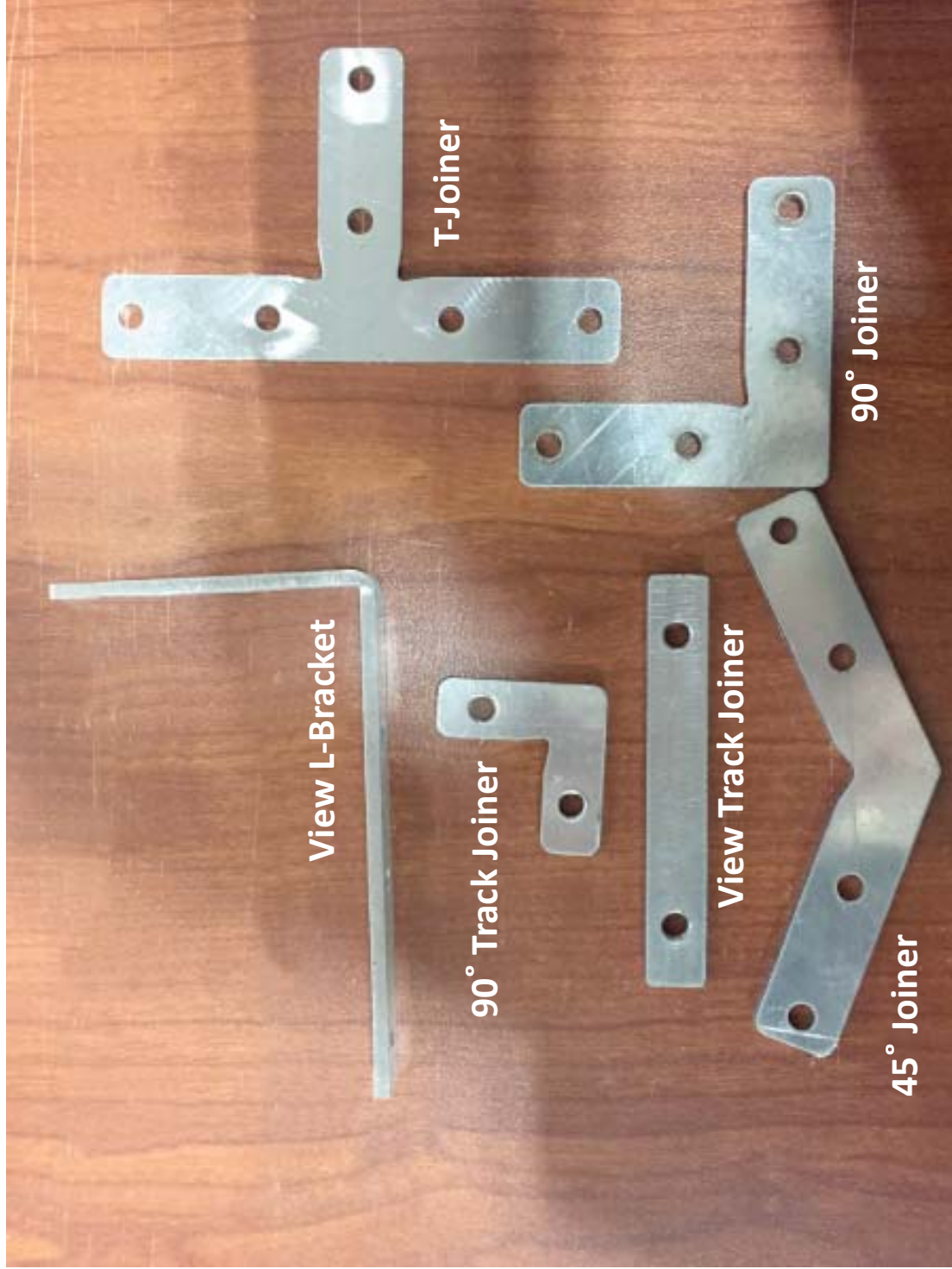
Shims

Flex L-Bracket

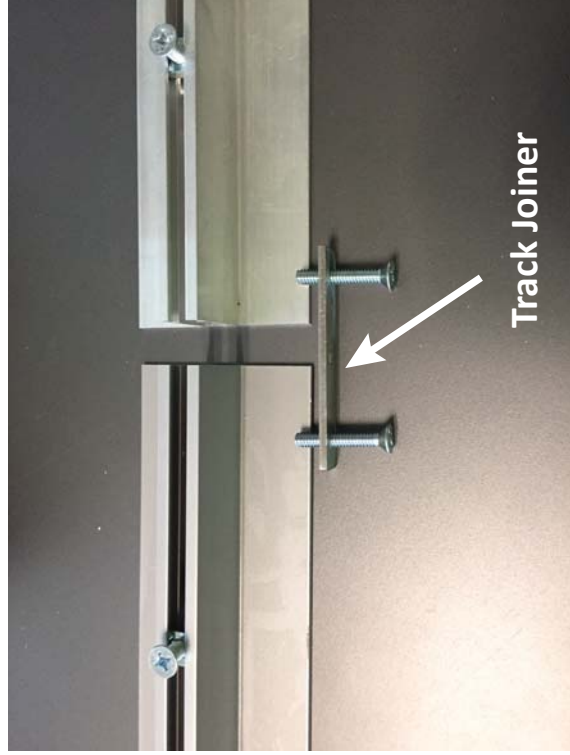


Spline
3/8" or 1/2"

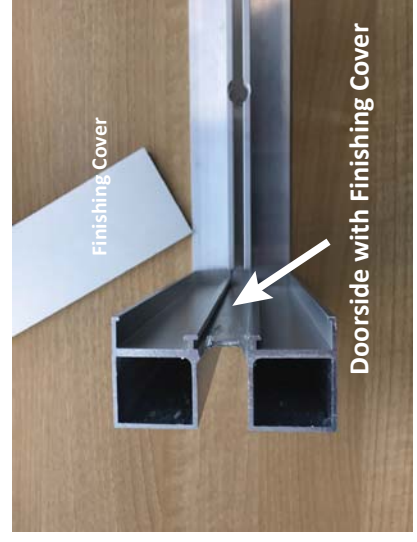
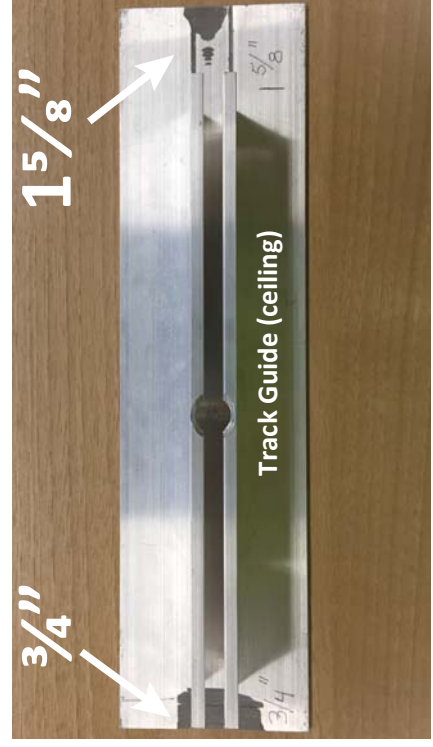
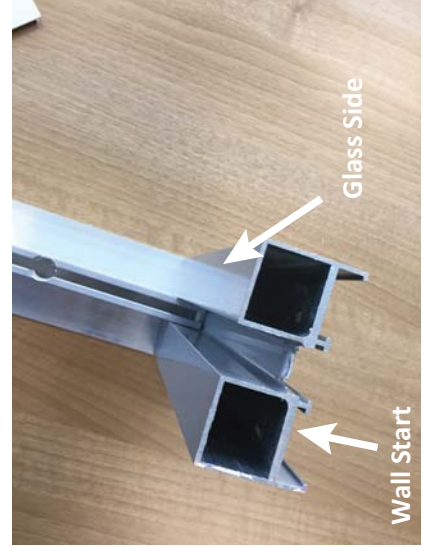
VIEW SERIES ADDITIONAL COMPONENTS

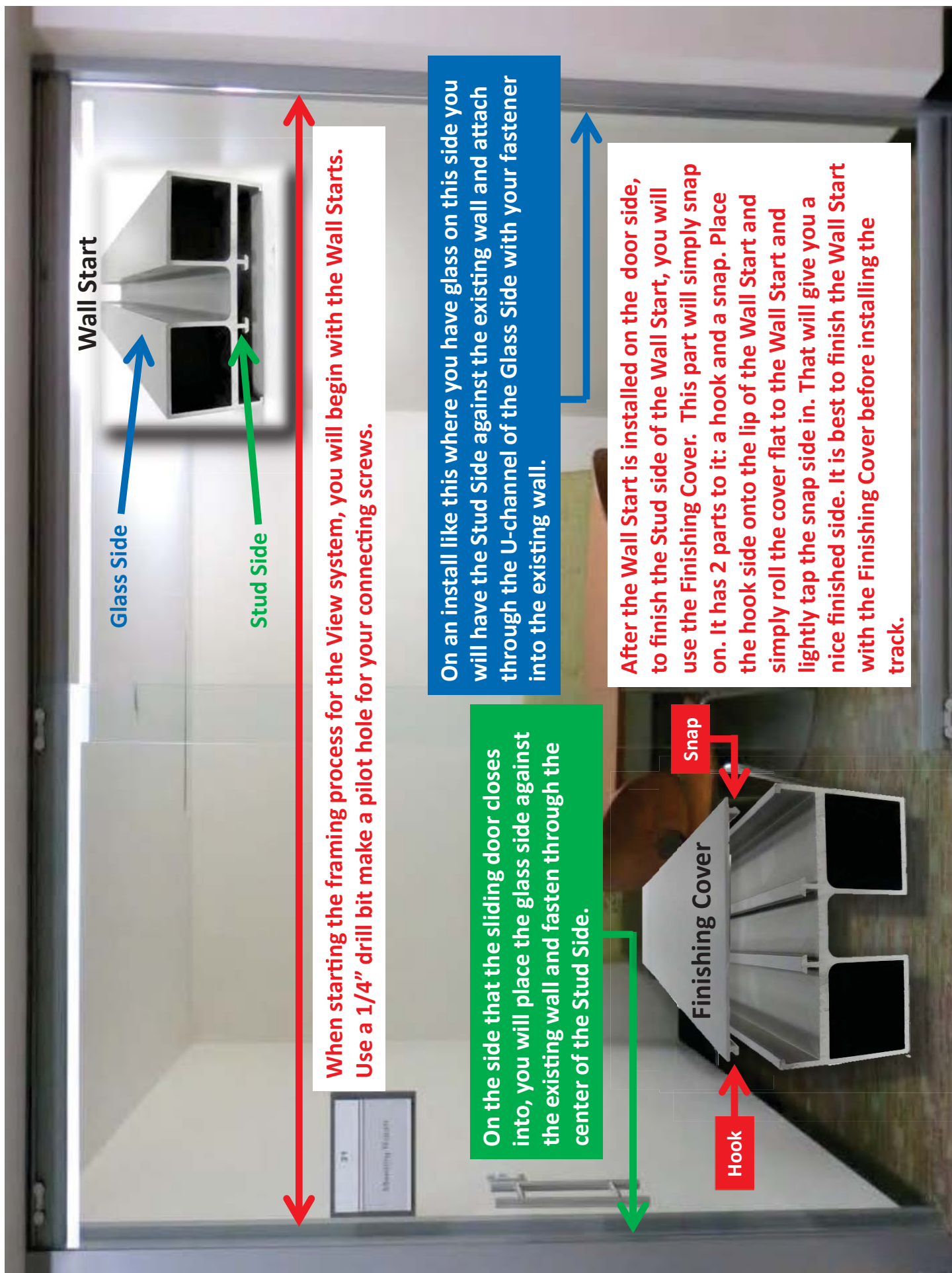


VIEW SERIES TRACK JOINDER



VIEW SERIES WALL START - TO - CEILING TRACK





When starting the framing process for the View system, you will begin with the Wall Starts. Use a 1/4" drill bit make a pilot hole for your connecting screws.

On an install like this where you have glass on this side you will have the Stud Side against the existing wall and attach through the U-channel of the Glass Side with your fastener into the existing wall.

After the Wall Start is installed on the door side, to finish the Stud side of the Wall Start, you will use the Finishing Cover. This part will simply snap on. It has 2 parts to it: a hook and a snap. Place the hook side onto the lip of the Wall Start and simply roll the cover flat to the Wall Start and lightly tap the snap side in. That will give you a nice finished side. It is best to finish the Wall Start with the Finishing Cover before installing the track.

On the side that the sliding door closes into, you will place the glass side against the existing wall and fasten through the center of the Stud Side.

We recommend using Tapcons when installing the Track Guide at the floor (after following the guide prep below). At the ceiling, use a screw that is compatible with the material in which you are attaching to. If you have a spliced track be sure to offset the splice of both the Track and Guide. This will keep the track ridged. Recommended distance for attachment is every 3 feet.

(NOTE: NxtWall does not supply attaching hardware.)



Before you attach your Guide, install the leveling nut and bolt (as shown). The leveling nut and bolt have 1 1/8" worth of adjustment range per track. These are to be installed every 3 feet or as needed. If you have a spliced track then you will need 1 on each side of the splice. To level the nut and bolt you can use a level and place it from one to the other all the way down the track, or you may set up a laser for quicker leveling.



When installing the View Track Guide you will need to drill out this part of the track using a 7/8" Step drill bit. This will allow you to get your fasteners and bits inside the Track Guide. You will use this on both the top and bottom Guide.

After the Track Guide and levelers are installed, proceed to prep the Track (arrow head shaped piece) with a 1/4 drill bit at the points you will be attaching through. This preparation step will prevent the guide from pulling the Track down and scratching the finish of the Wall Start. If you are attaching to a bulk head, it is best to have wood inside of your bulk head. If this isn't possible or you're attaching to metal framing, be sure to not over torque your screws for doing so will strip the framing. The bottom Track does not need attaching, it is just placed on top of the guide (after the Guide has been attached to the floor).

With a sliding door the air gap between the Track Guide and Track (shown) should be no smaller than 3/8"

Standard sliding door opening is 38"
From Wall Start to edge of Track.

If attaching VIEW to a ceiling grid, you will need to add turnbuckle bracing as shown below.

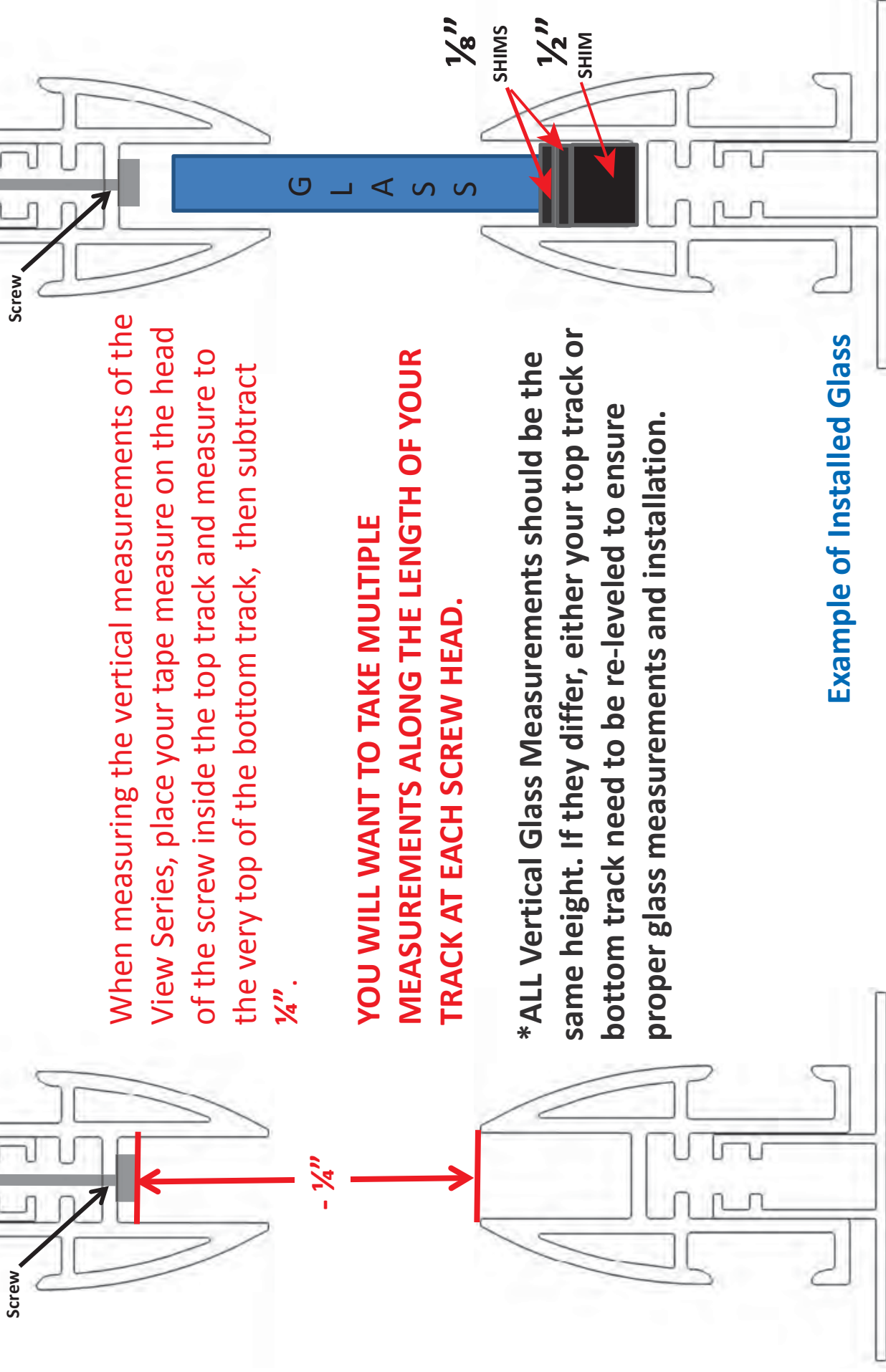


36" & 72" from Closing Side



VIEW SERIES

Measuring for Vertical Glass



When measuring the vertical measurements of the View Series, place your tape measure on the head of the screw inside the top track and measure to the very top of the bottom track, then subtract $\frac{1}{4}$ ".

YOU WILL WANT TO TAKE MULTIPLE MEASUREMENTS ALONG THE LENGTH OF YOUR TRACK AT EACH SCREW HEAD.

***ALL Vertical Glass Measurements should be the same height. If they differ, either your top track or bottom track need to be re-leveled to ensure proper glass measurements and installation.**

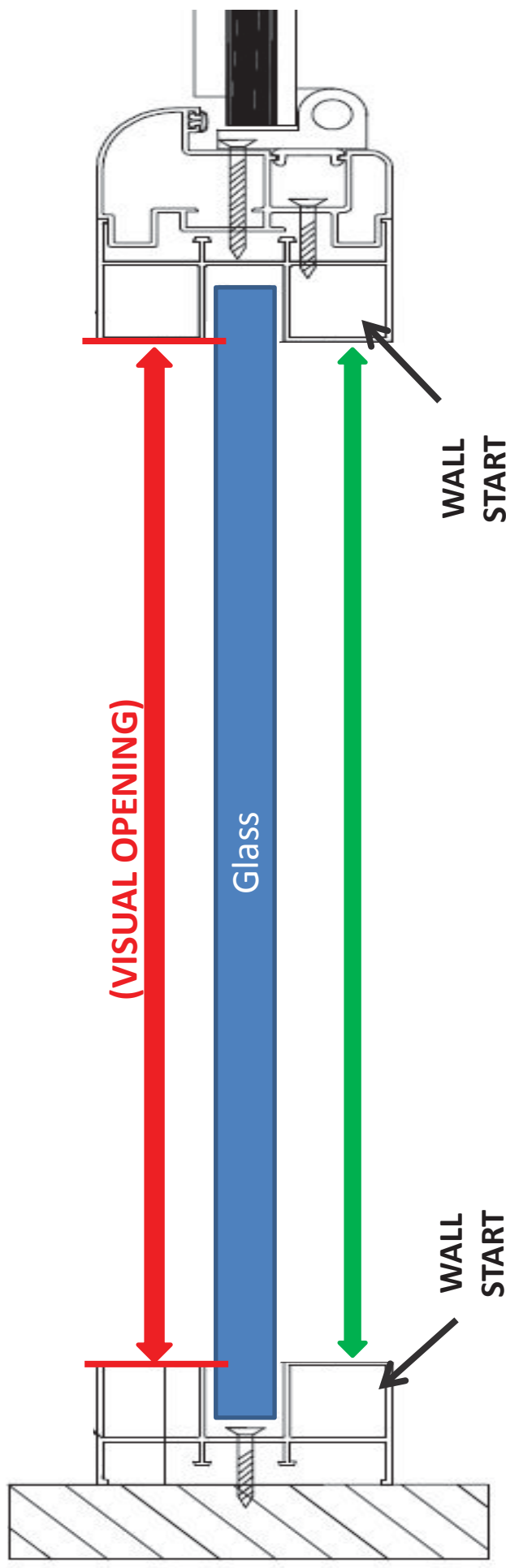
Example of Installed Glass

VIEW SERIES

Measuring for Horizontal Glass

- If your project has between 2 and 6 panes of glass in a partition you will need to measure the VO (visual opening) and add a $\frac{1}{2}$ " to your overall measurement. This total will then be divided by the number of panes of glass you have.

For example: If I had 4 panes of glass and my VO (visual opening) was 96" I would simply add $\frac{1}{2}$ " to that. I would then divide 96 $\frac{1}{2}$ " by 4 giving myself 24 $\frac{1}{8}$ " for each of the four panes of glass widths.



Note: If you have more than 6 panes of glass consult with the NxtWall team on how to measure the Width of your opening.

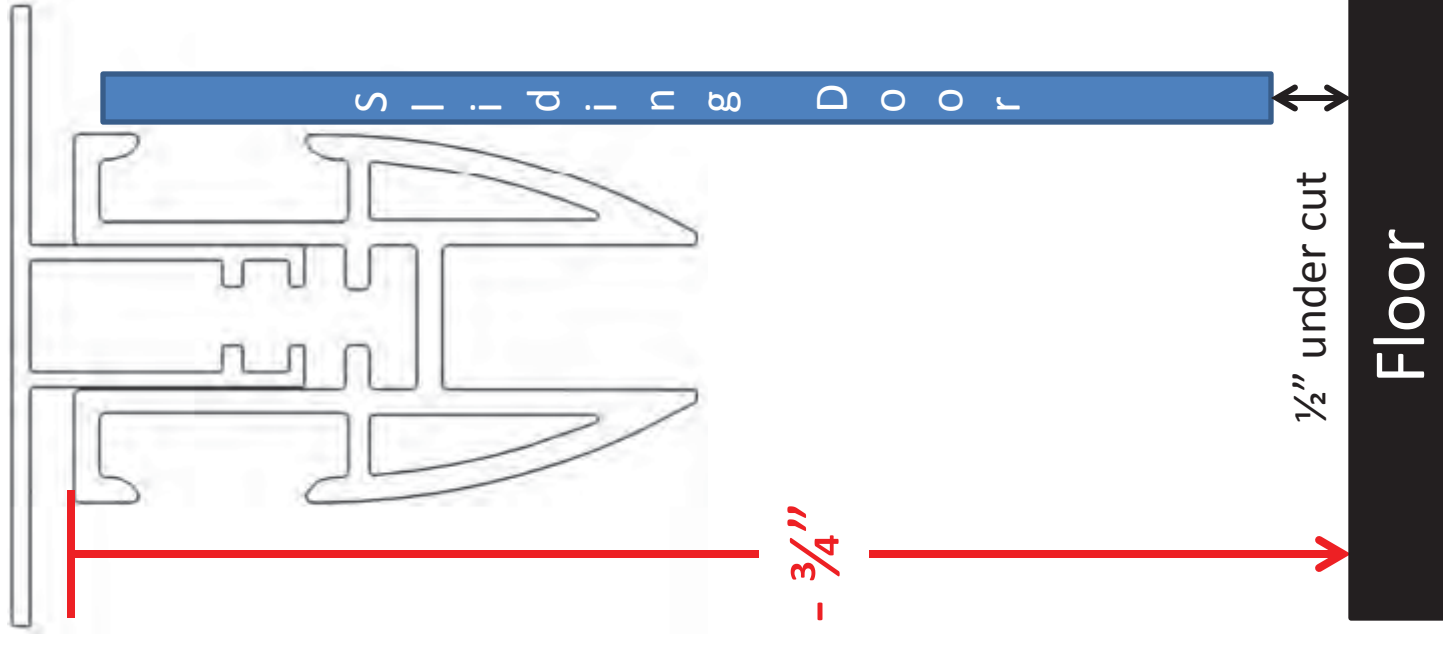
Measuring View Sliding Door

Height

When measuring for a View sliding door you will pull your tape from the top of the arrow head shaped track to the floor and subtract $\frac{3}{4}$ of an inch, like shown in the drawing. Make sure to measure in a few spots along the travel of the door and subtract from the smallest dimension.

Width

When submitting your measurements for the View sliding doors (not free standing) the standard width dimension is 42"



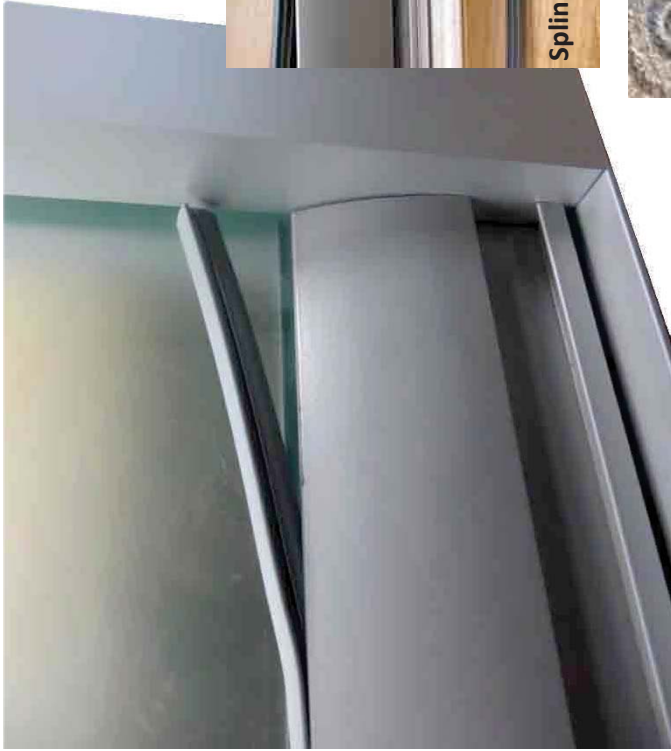
The H-Channel polycarb is the buffer material we recommend to use between the panes of glass. Cut the H-Channel to length and apply to both sides of your installed glass. Then proceed to install your next piece of glass. When you adjoin the 2 pieces of glass together, you may have to adjust your shims to get a tight fit on the H-Channel polycarb.

H-Channel polycarb



**IMPORTANT: Never share a shim between two pieces of glass!
Place glazing shims 2 to 3 inches inside the edges of each pane**

The Spline is available in two different sizes: 1/2" and 3/8". They are both installed the same way, just simply push the spline in between the glass and track (as shown below). Installation requires 2 people = one person for each side. The spline is installed in both the Track and the Wall Start.



PICTURED BELOW: The spline fully installed in both the Track and Wall Start (Horizontal Spline Only)



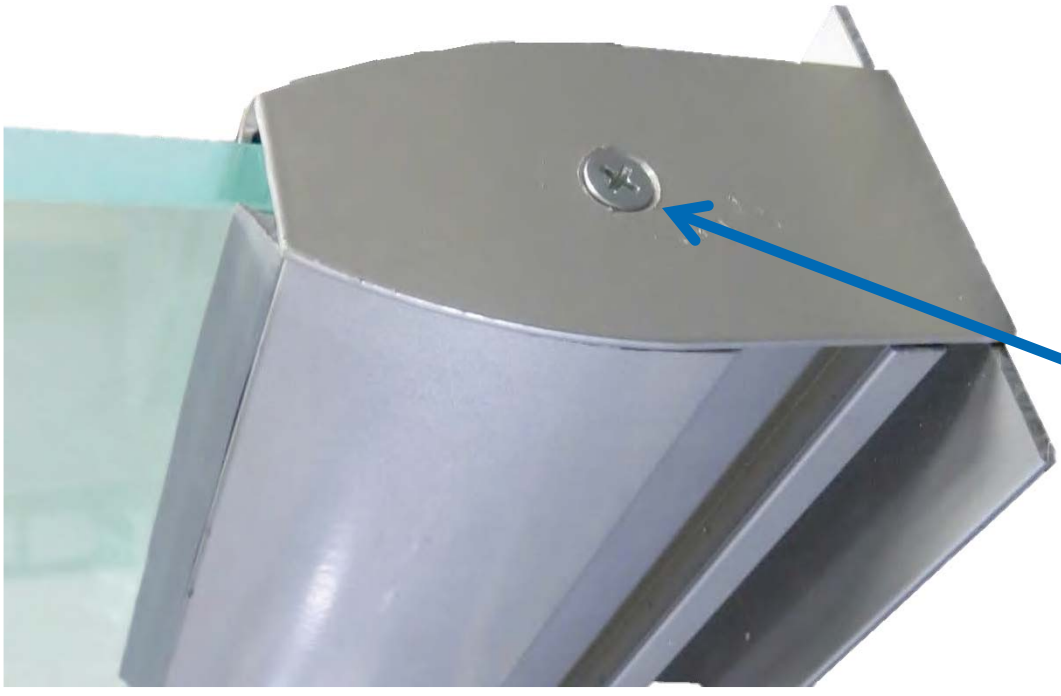
Spline Notch-out Detail



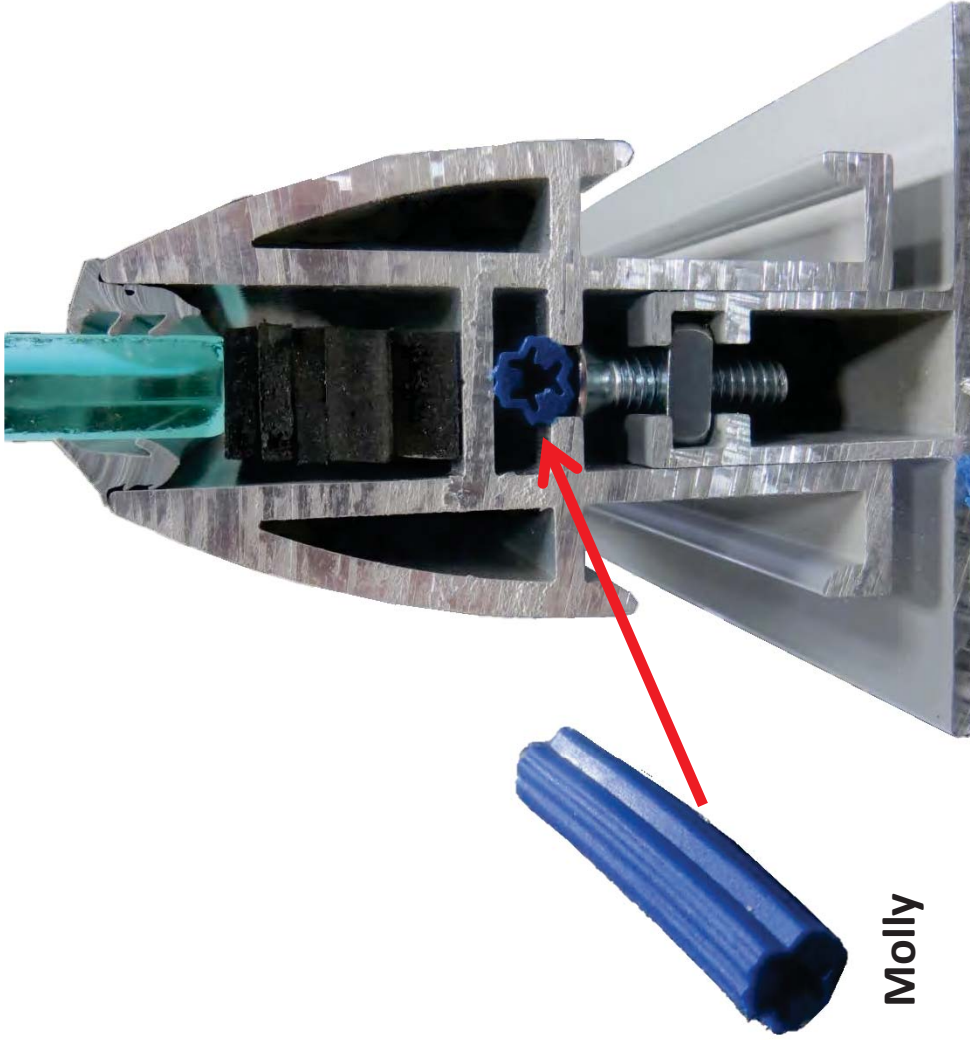
NOTE: You will need to make cuts on the bottom side of Spline pieces where the Spline crosses over the H-channel polycarb to enable a tight fit.



PICTURED LEFT: The two Splines reveal a different profile on each side. The side with the fins will always go against the glass.



Measure the Track Cover and cut to size. Then (using the screw sent with cover) attach the Cover to the Track by screwing into the Molly.



Insert the Molly into the Track as shown.

Molly



D-pad
installed
on door
edge

NOTE: Be cautious with the sliding glass door once the bar pull is mounted! If the door stops are not in the correct location, the bar pull could potentially break the glass when the door is opened.



3 CARRIAGES are used for each door that is installed. Carriages are installed into the rails which are built into the track. Each carriage comes with 1 washers, 2 caps, and carriage body- that houses the wheels and bearings.

Starting at the top, place the carriages into the track. Next, stand up the door and align the carriages with the drill outs and proceed to screw the caps onto the carriages.

The caps are designed to be tightened with a spanner wrench.

This is our door stop that mounts inside of the rail of the View Track. It is mounted by a screw through the center of the stop. Open the door so that it has a minimum of a 32" opening, then place the door stop in the rail against the carriage wheel and attach with screw.

It is very important that the track be cleaned of any and all debris. This will insure that the door will operate the way it should.

nextwall

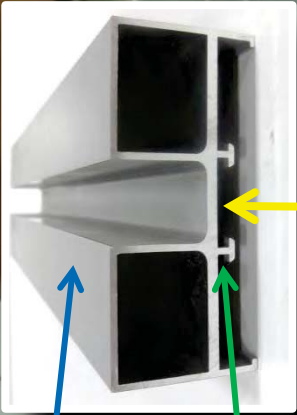


VIEW SERIES with Swing Door
IMAGE INSTALLATION GUIDE



Begin your installation with the View Wall Starts (shown below) on the perimeter of the partition. When installing the Wall Start, you will want to prep the 'Glass Side' by pre-drilling the center with a 1/4" drill bit at your attaching points.

Wall Start



Pre drill this point here with the 1/4" drill bit.

Glass Side

Stud Side

Flex Track



At the top of your door position you will install a Flex Track that is cut at 38" (standard doors only).

Once the Flex track is installed, place a Wall Start on each side of the Flex Track. These will be cut floor-to-ceiling height.



T-bracket with 1/4" cutout Wall Start

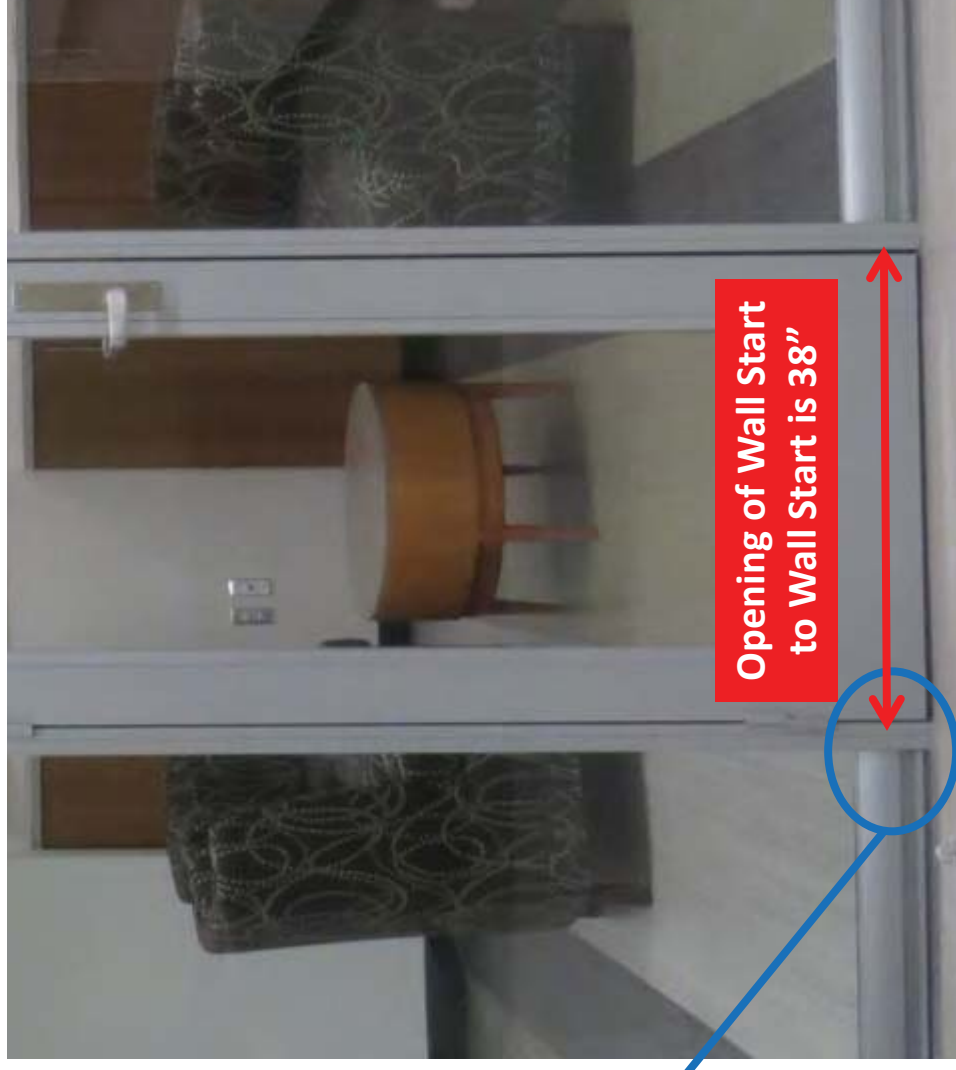
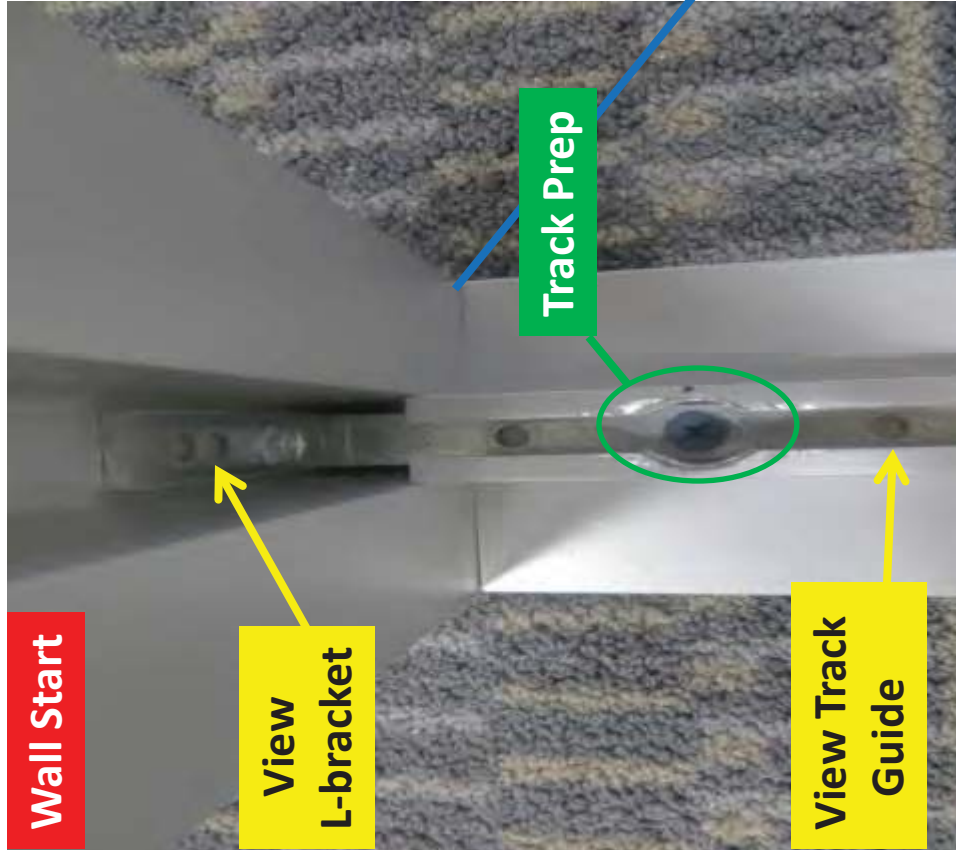


ONLY
TOP SCREW

Use the T-bracket to attach Wall Start to the Flex Track (will need to cutout wall start as shown below bottom left)



Detail Image: T-bracket installed with a Wall Start, Flex Track, and View Track.



When prepping the View Track Guide, pull your tape from the end of the Guide and drill a 1/4" hole through the bottom and 1-1/2" from the end. Then through the top using a 7/8" bit, hone out the top of the Track Guide above the 1/4" hole. This will make it easier for you to get your fastener and bit down inside. You will have to repeat this process at all your attaching points for the Track Guide.

IMPORTANT: Before you permanently attach the Wall Start to the floor, you need to be plumb and space the Wall Start properly (**38" apart using door header**). After plumbed and spaced properly you can permanently attach the system to the floor with some fasteners.

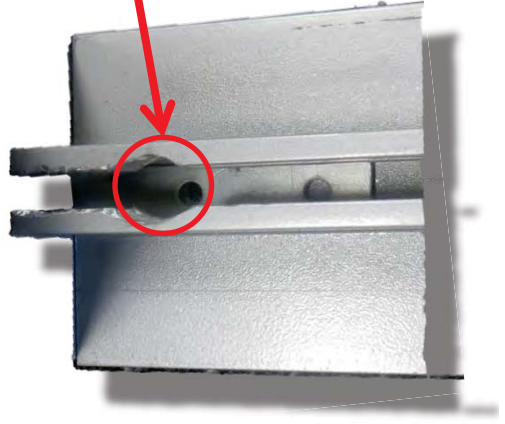
NOTE: NxtWall does **not** supply external fasteners.

When installing the Track Guide (following the guide prep below) it is recommend to use tapcons when attaching to the floor. At the ceiling use a screw that is compatible with the material in which you are attaching to. If you have a spliced track be sure to offset the splice of both the Track and Guide. This will keep the track rigid. The recommended distance for attaching is every 3 feet.

(Note: NxtWall does not supply attaching hardware.)



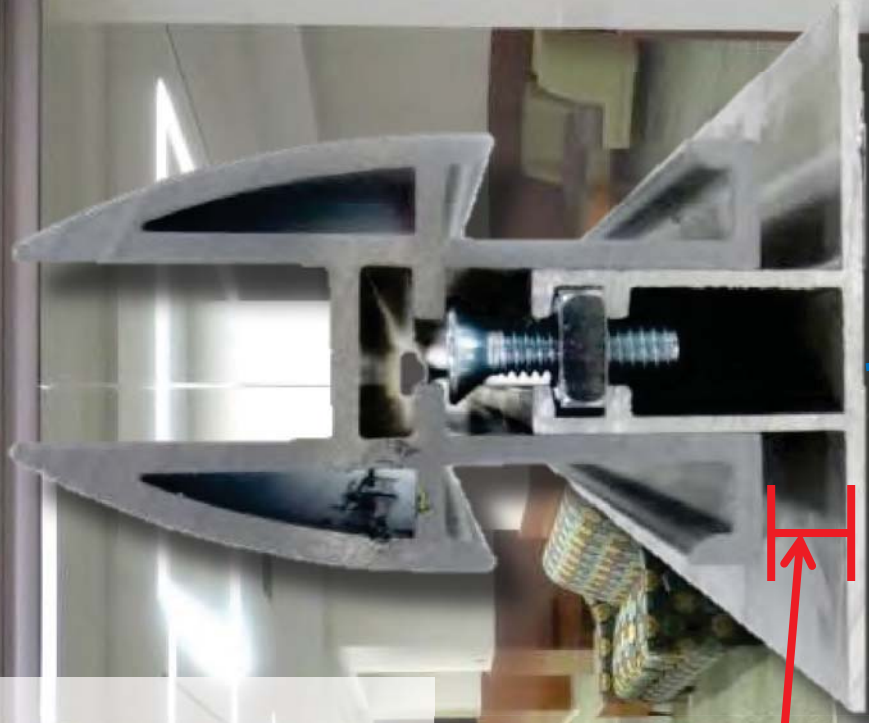
Before attaching Track Guide, first install the leveling nut and bolt *(as shown)*. The leveling nut and bolt has 1-1/8" worth of adjustment per track. These are to be installed every 3 feet or as needed. If you have spliced Track then you will need 1 on each side of the splice. To level the nut and bolt you can use a level and place it from one to the other all the way down the track or you can simply set up a laser.



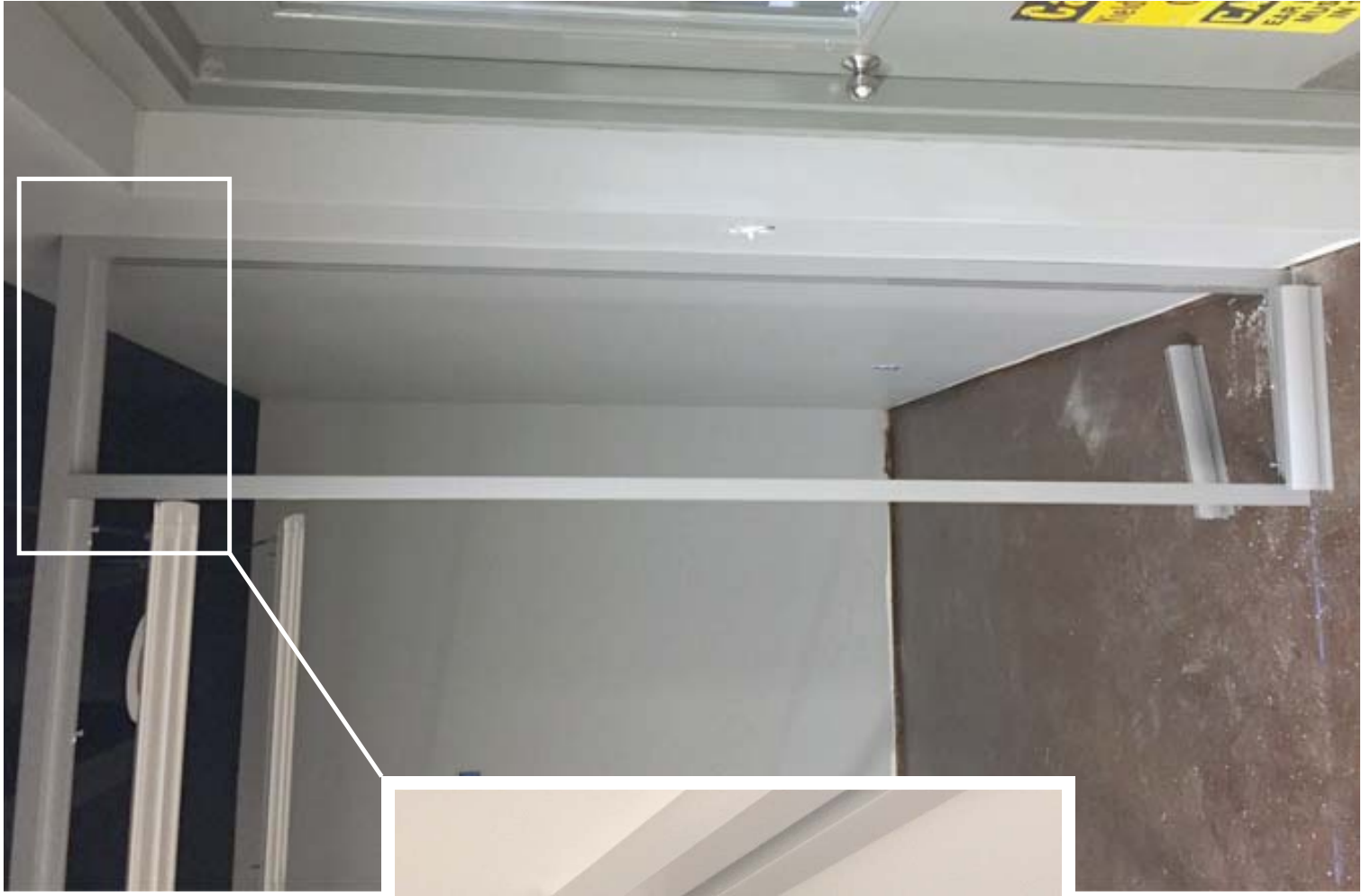
When installing View Guide drill out this part of the track using a 7/8" tapered drill bit. This is just so you can get your fasteners and bits inside. You will use this on both top and floor guide.

After you have the Track Guide and levelers installed, start to prep the “Arrowhead” with a 1/4” drill bit at the points you will attach through. Prepping the Arrowhead prevents scratching the finish of the Wall Start when attaching it to the Guide. If your attaching to a bulk head, it is best to have wood inside your bulk head. If this isn’t possible and your attaching to a metal framing, be sure to not over torque your screws and strip the framing. The Bottom Track does not need attaching, for it is placed onto the Track Guide (after the Guide has been attached to the floor).

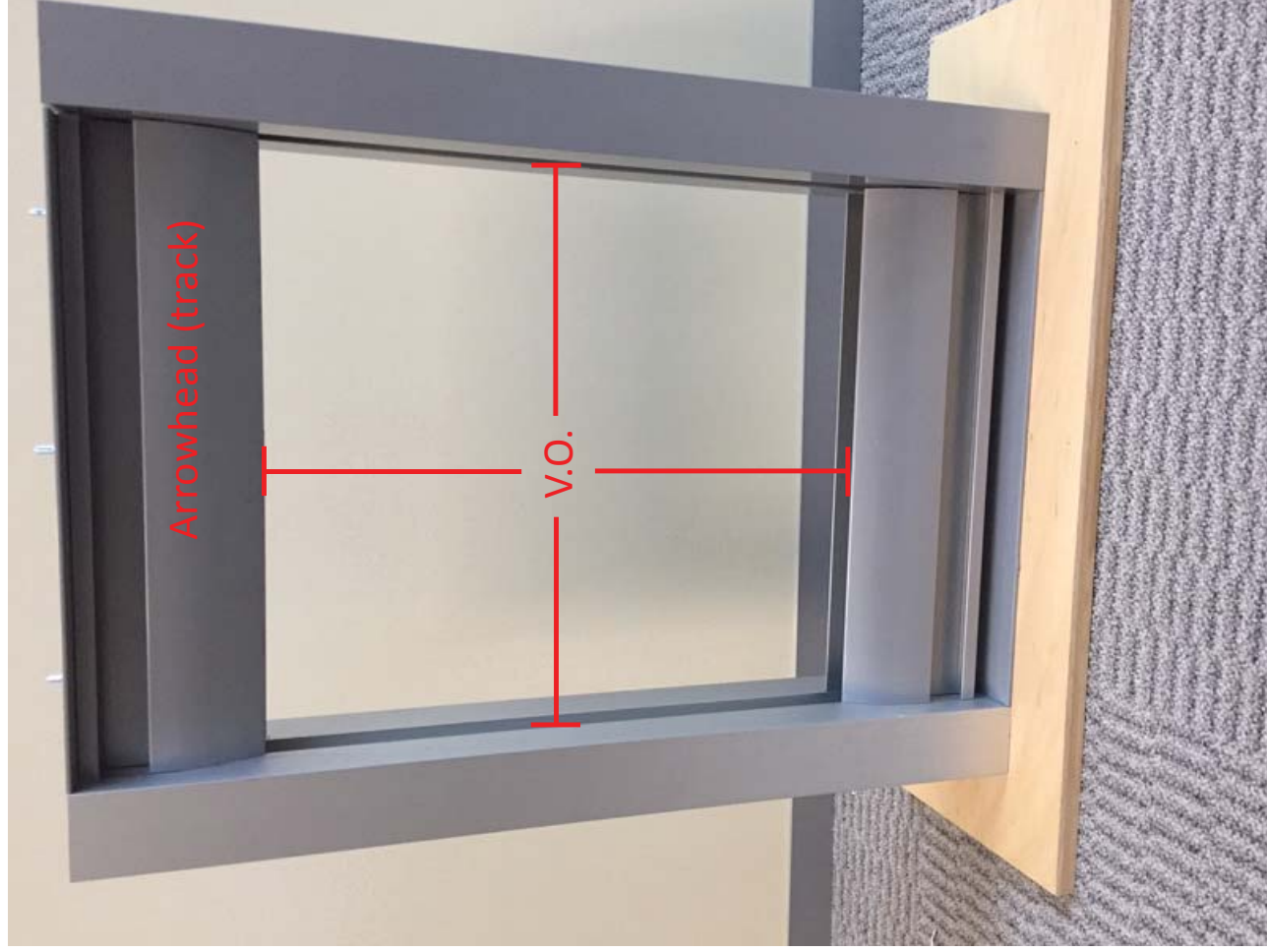
You will want to keep a 3/8” gap between track and guide for adjustment if needed.



**VIEW SERIES
SINGLE SIDELIGHT INSTALLATION
FRAME OPENING**



MEASURING GLASS FOR VIEW SERIES SINGLE SIDELIGHT INSTALLATION



For Height:

Measure Glass Visual Opening and subtract $\frac{1}{8}$ "

For Width:

Measure Glass Visual Opening and add $\frac{5}{8}$ "
Use the Smallest Measurement.

View Track (Arrowhead) is tight to Track Guide. 2 1/2" screw holding until glass is installed. No leveling screws on top.

Guide

No Gap between arrowhead and guide

Track (Arrowhead)

3/8" Gap
with Leveling Screws

Double tape Shims to Top

Tape together the shims as shown,
(Qty 1 of 1/2" shim + Qty 3 of 1/8" shims)



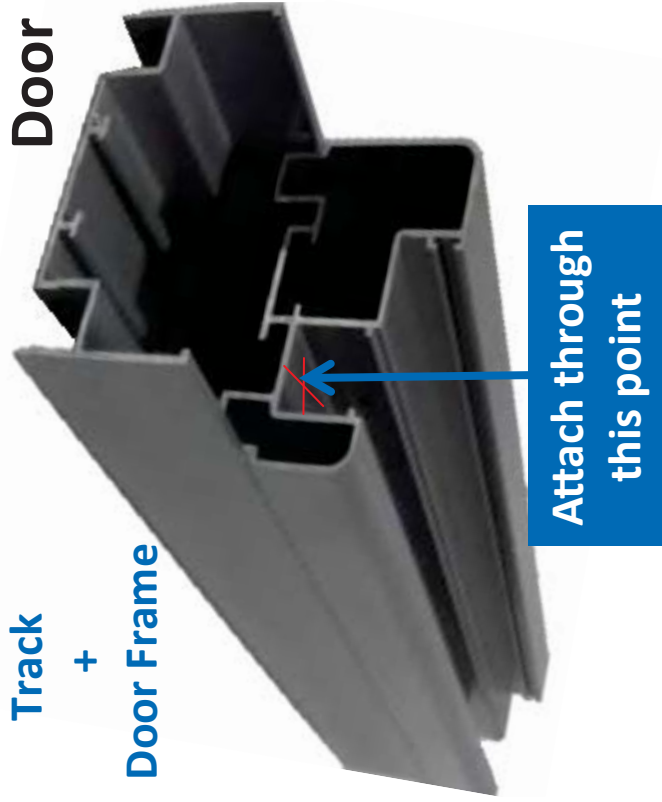
Slide glass in sideways toward door side first. **Remove screw first!!!**



Track

+

Door Frame



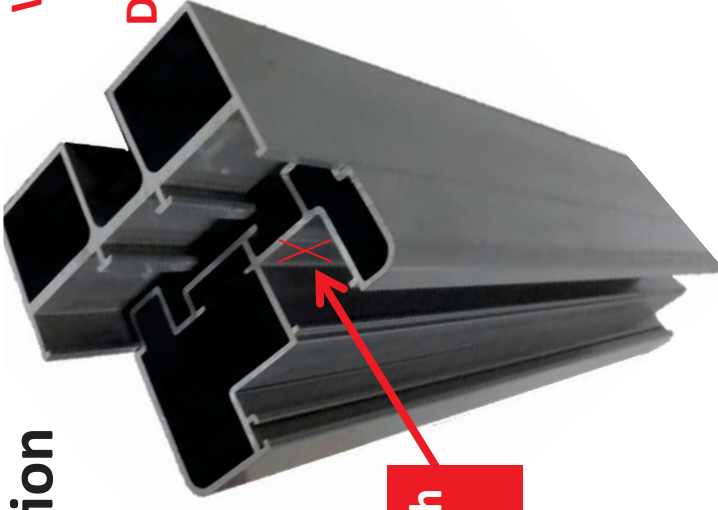
When installing the door header into the Flex track you will use (2) 2 1/2" self tapping screws to attach. Our door headers will always come mitered and cut to width.

Door Frame Installation

Wall Start

+

Door Frame



When attaching the door legs to the stud side of the Wall start use the 1 1/4 self tappers. The door legs come with the miter on one side, our standard size is precut, but full height or custom sizes will need to be cut to size in the field.

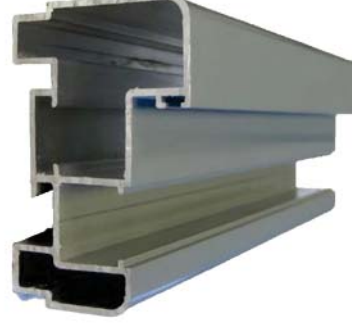
WHEN MEASURING DOOR FRAMES

FOR FULL HEIGHT:

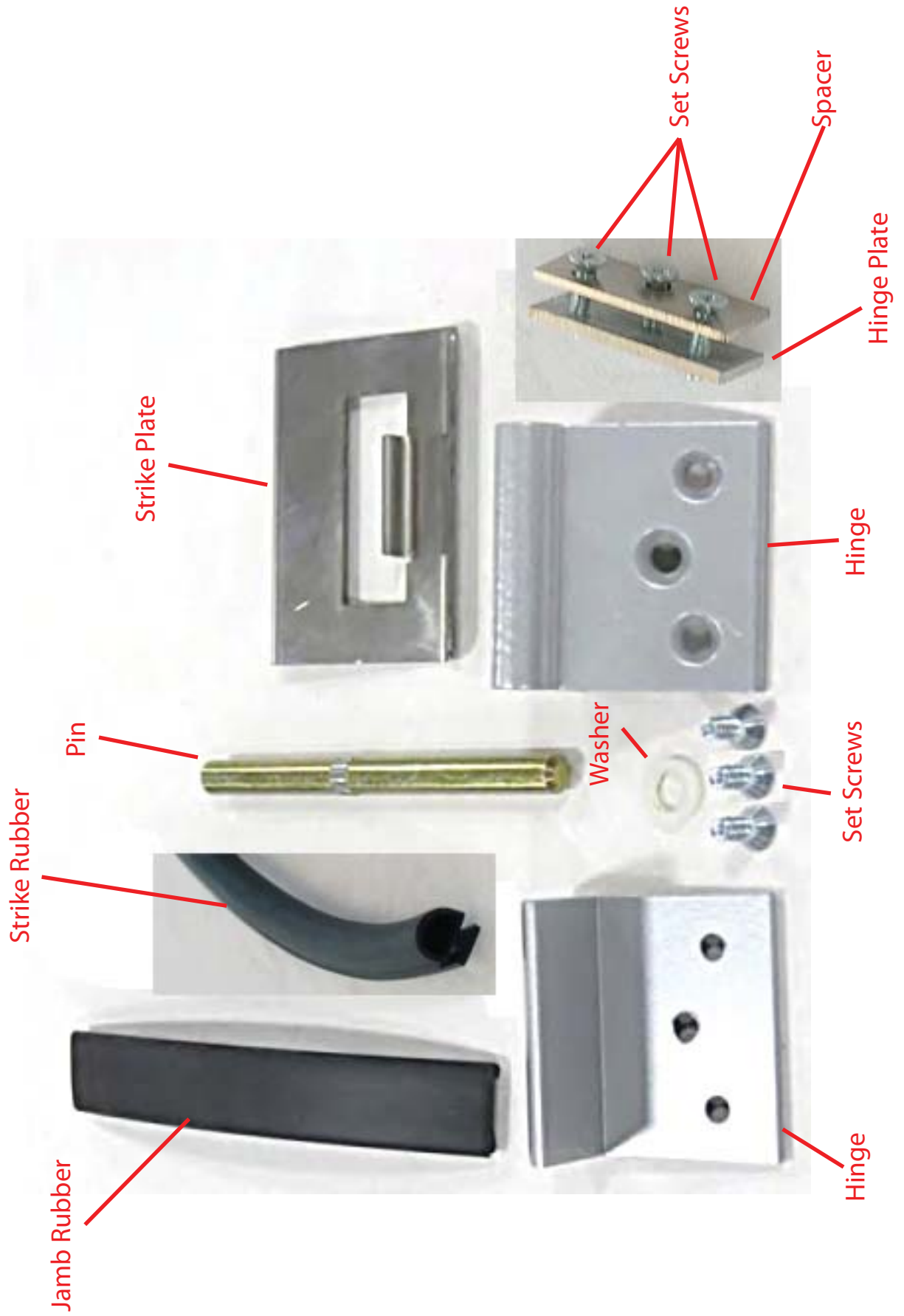
Measure from Floor to Track.
Hook Tape Measure onto second notch.



Door Frame



Door Kit

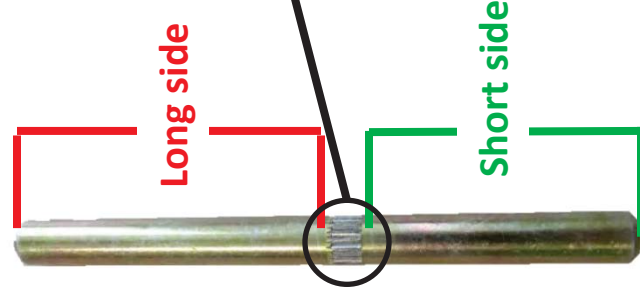


Hinge Assembly

If you look at the pin you will notice that the knurled part of the pin is not centered. When you put the pin in the hinge you will put the **short side down** in the hinge.



Above: Knurled part of pin



After you placed the pin in the hinge, gently tap the knurled part of the hinge inside of the bottom of hinge until the pin is flush at the bottom of hinge.

1.



2.



Pin sitting inside hinge

3.



Pin set into hinge flush
(This is the end result you want)

Attaching Hinge to Jamb

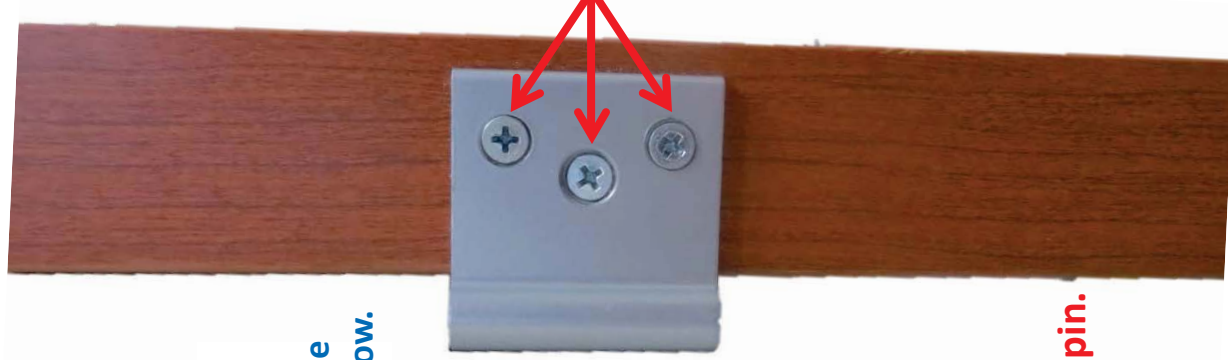
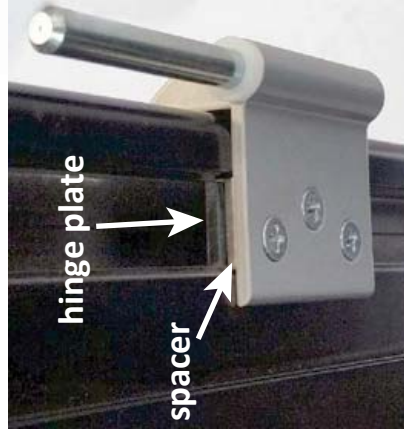
Door Placement and Prep

Once you have both parts of the hinges on, line the door up to the jamb, loosen the set screws, and then slide the jamb hinge into the door hinge. After all the hinges are lined up, adjust and set the height of your door.

After the hinges are assembled using the hinge plate, spacer and set screws, proceed to attach the bottom half of the hinge to the door frame like shown below.



After the hinge is installed place the washer over the pin.



When installing the hinges to the door, use 5/32" bit to pre-drill holes before you attach hinge.

Spacing for the hinges are 6" from top & bottom of door, centering or equally spacing the hinges depending on how many hinges you have per door.

Then find top of door. Hinges will go above these marks, towards the top of door.

Seals and Strike Plate

The strike plate is attached by snapping into the jamb. They can be adjusted up and down to line up with the latch.



Example of how our door seals set into our door frames.
NOTE: Strike Rubber will come preinstalled in door frame.



If attaching VIEW to a ceiling grid, you will need to add turnbuckle bracing as shown below.

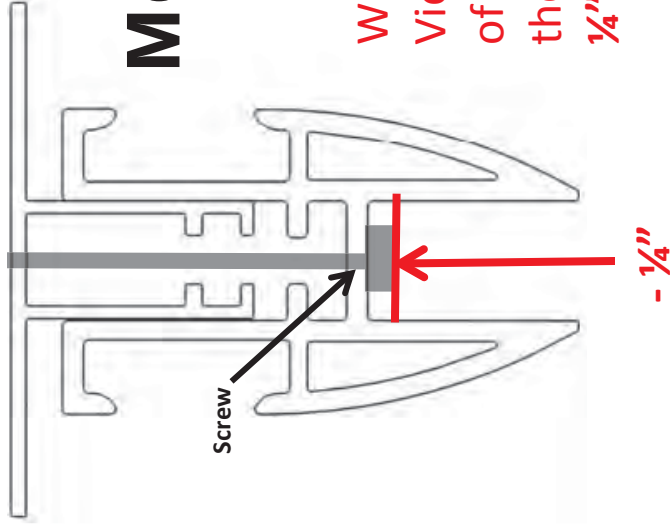


36" & 72" from Closing Side



VIEW SERIES

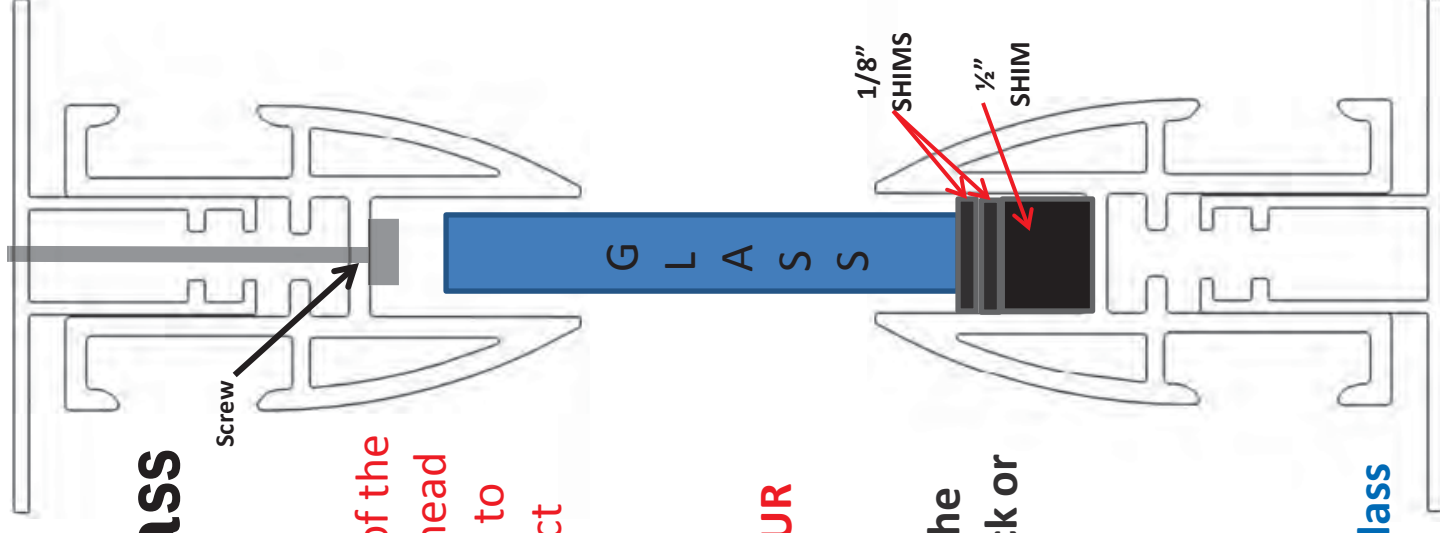
Measuring for Vertical Glass



When measuring the vertical measurements of the View Series, place your tape measure on the head of the screw inside the top track and measure to the very top of the bottom track, then subtract $\frac{1}{4}''$.

YOU WILL WANT TO TAKE MULTIPLE MEASUREMENTS ALONG THE LENGTH OF YOUR TRACK AT EACH SCREW HEAD.

***ALL Vertical Glass Measurements should be the same height. If they differ, either your top track or bottom track need to be re-leveled to ensure proper glass measurements and installation.**



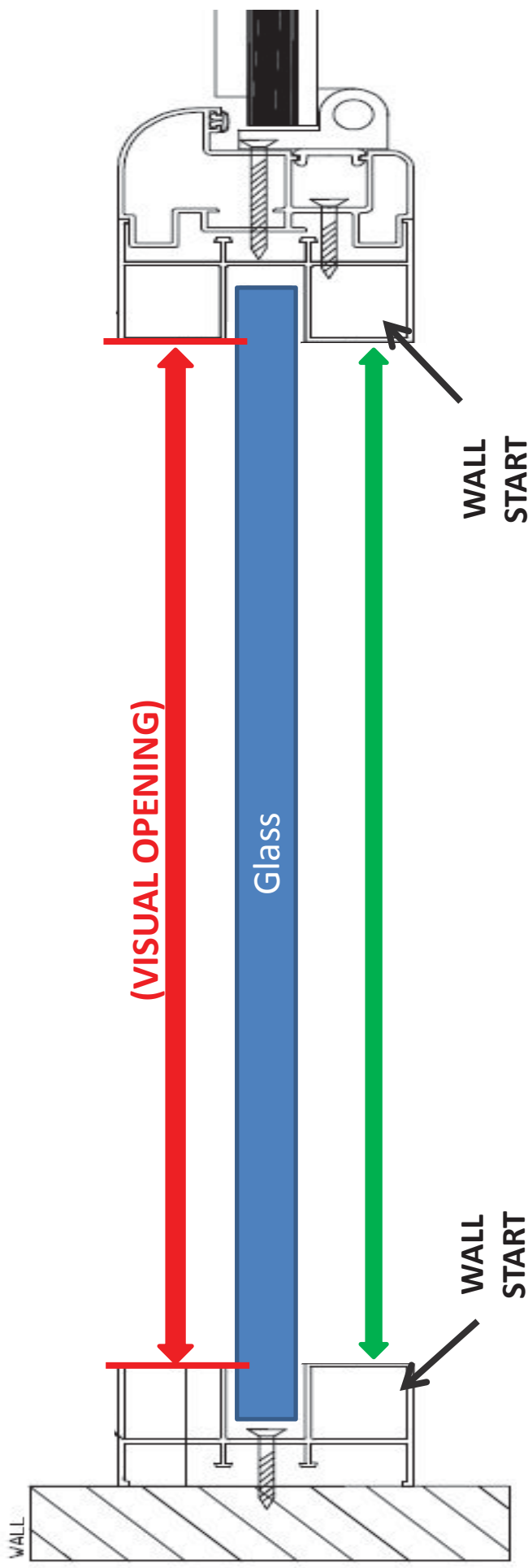
Example of Installed Glass

VIEW SERIES

Measuring for Horizontal Glass

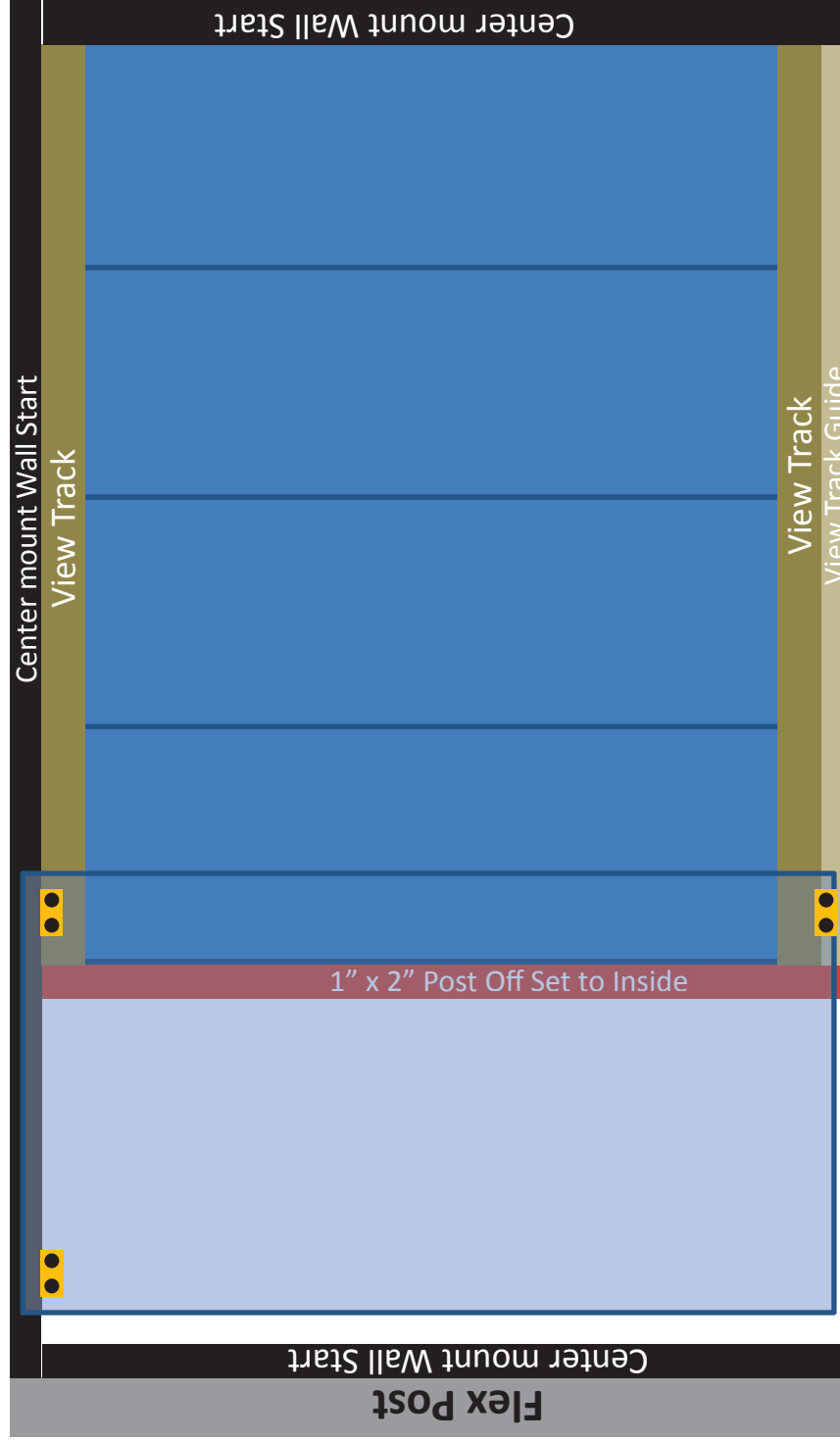
- If your project has between 2 and 6 panes of glass in a partition you will need to measure the VO (visual opening) and add a $\frac{1}{2}$ " to your overall measurement. This total will then be divided by the number of panes of glass you have.

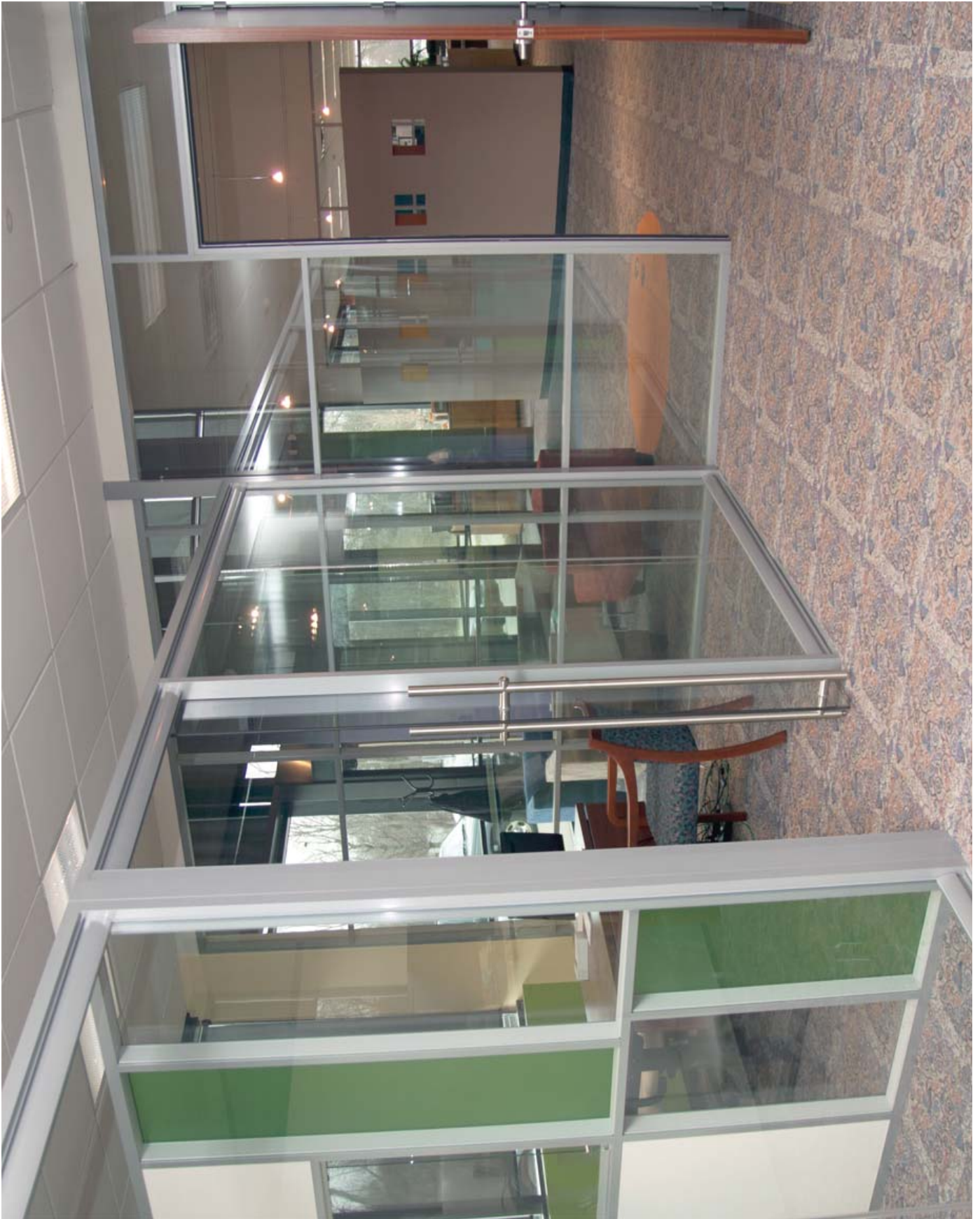
For example: If I had 4 panes of glass and my VO (visual opening) was 96" I would simply add $\frac{1}{2}$ " to that. I would then divide 96 $\frac{1}{2}$ " by 4 giving myself 24 $\frac{1}{8}$ " for each of the four panes of glass widths.



Note: If you have more than 6 panes of glass consult with the NxtWall team on how to measure the Width of your opening.

VIEW SERIES TYPICAL FREE STANDING INSTALLATION







1.

IMAGE A: Start with a Flex Post.

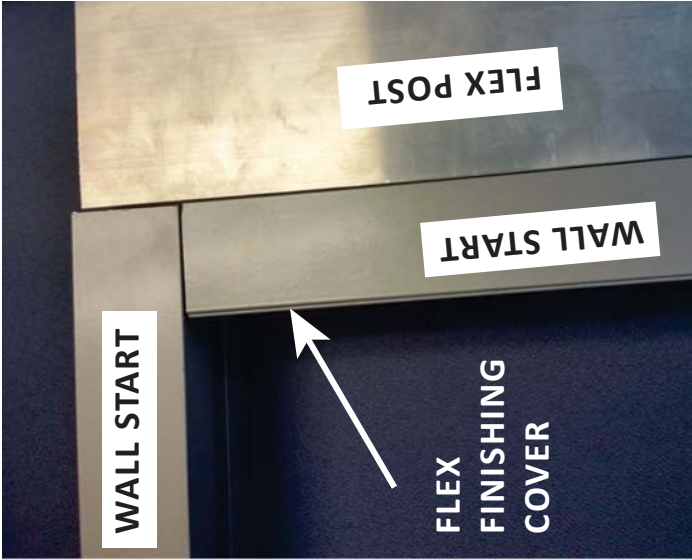
IMAGE B: Attach the center mount side of the Wall Start to the Flex Post as shown.

The goal is to create a landing area for the Wall Start that will be installed as your top track support.

2.

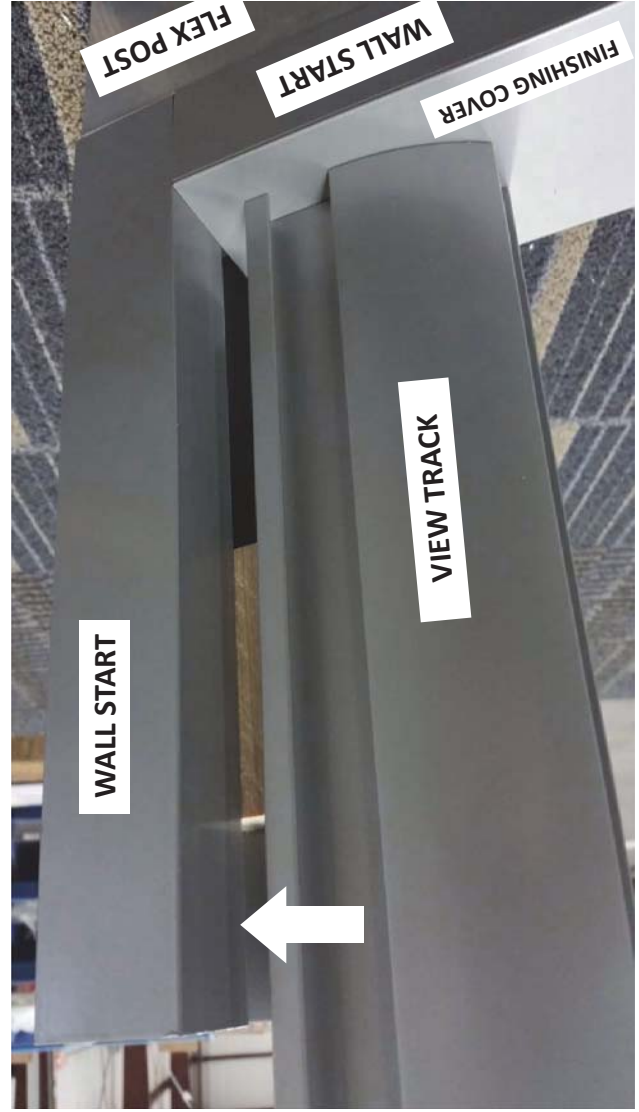
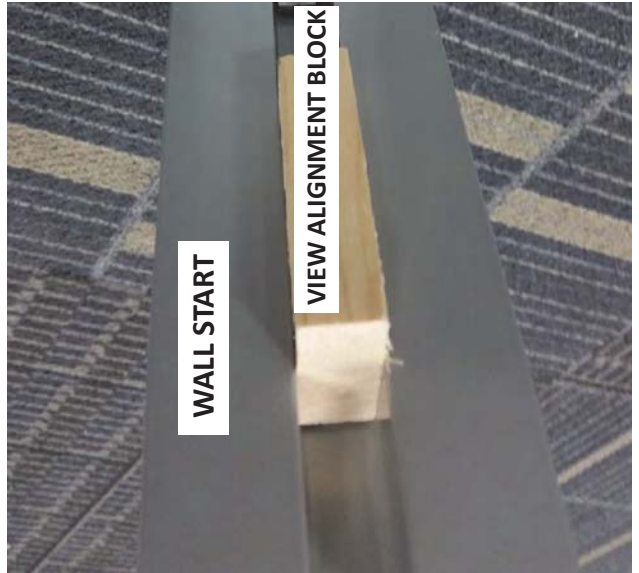
Install a View L-bracket to connect the two Wall Starts together. Cap the vertical Wall Start with a Flex Finishing Cover.





3. This is the finished look. Please note that the floor may not be level, so you may need to adjust the height of each individual Flex Post and Wall Start to ensure that the top rail of the freestanding structure is 100% level.

4. BELOW IMAGES: Install the Alignment Blocks into the Wall Start Channel to ensure that the View Track is perfectly centered on the Wall Start. Secure the View Track up to the Wall Start.

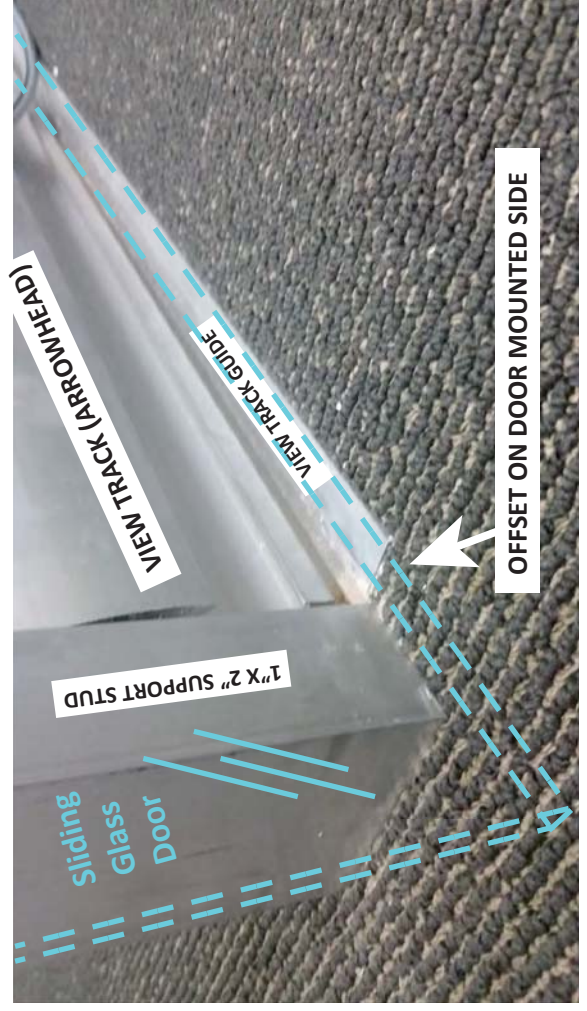
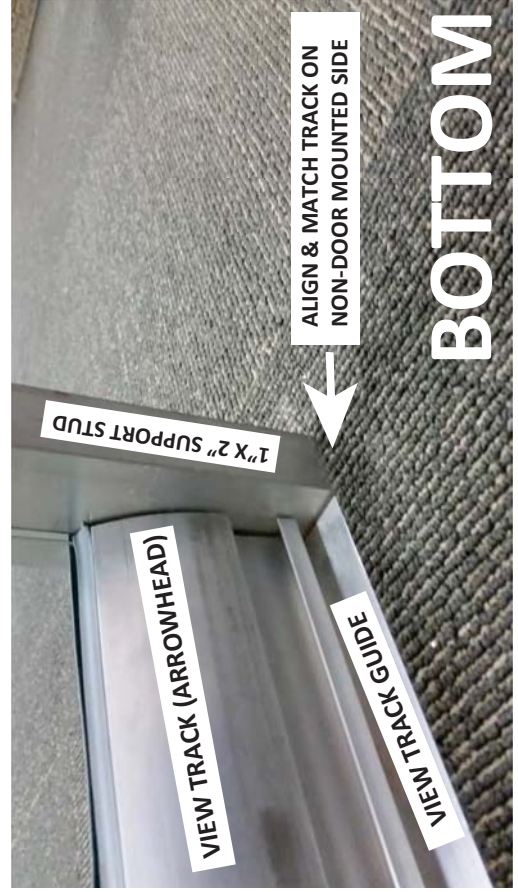




5. LEFT IMAGE: 1"x 2" Support Stud is installed between View Track at the TOP. Use View L-brackets that are cut (as shown in left middle image) to attach at both the TOP and BOTTOM.



6. BELOW IMAGES: For the BOTTOM, you must align the support stud to match the track on the non-door mounted side of opening and offset the support stud on the door mounted side.



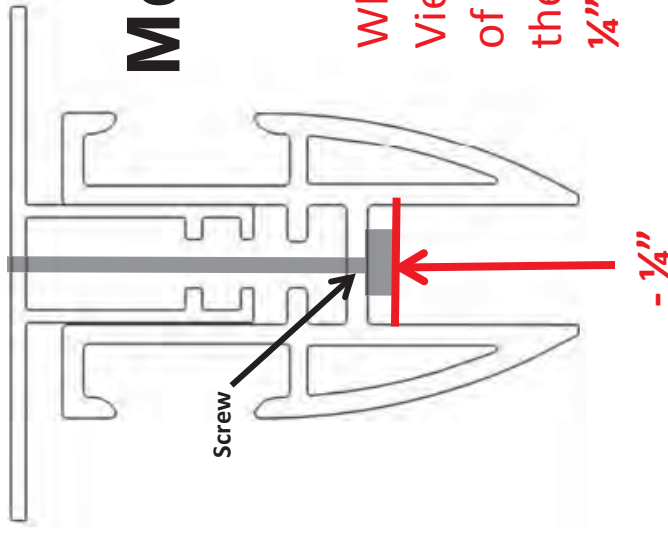


GLASS MEASURING GUIDE

View Series

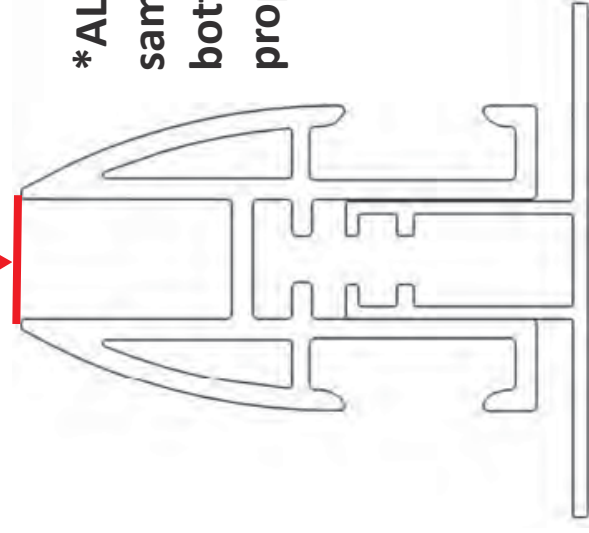
VIEW SERIES

Measuring for Vertical Glass

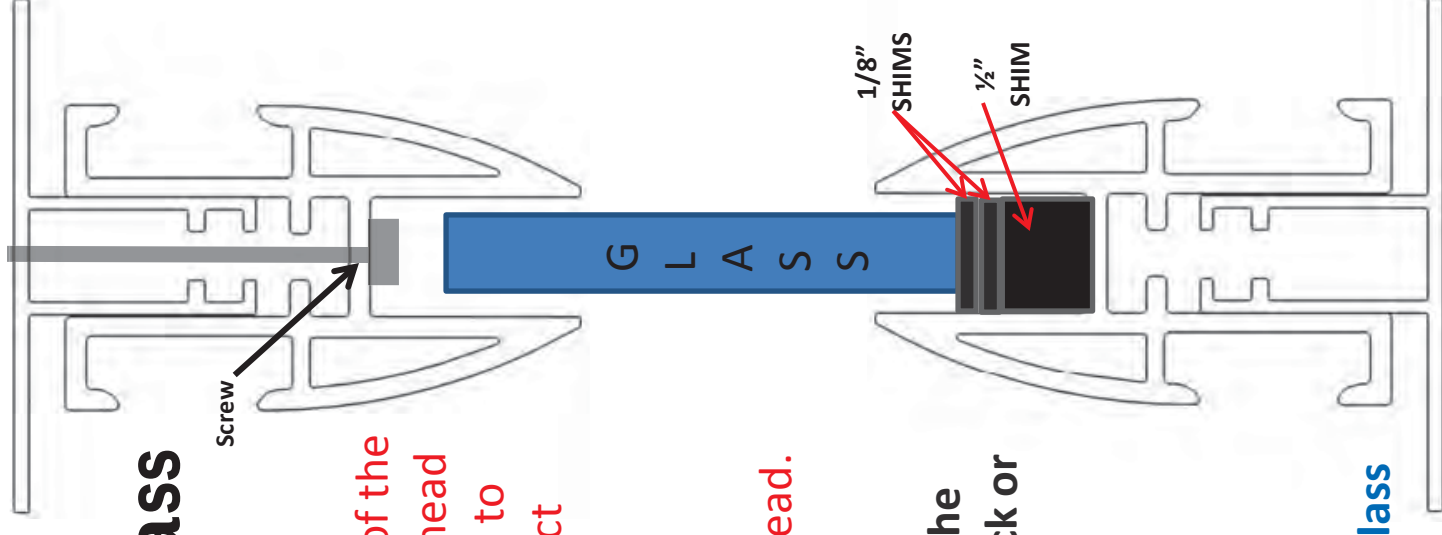


When measuring the vertical measurements of the View Series, place your tape measure on the head of the screw inside the top track and measure to the very top of the bottom track, then subtract $\frac{1}{4}''$.

You will want to take multiple measurements along the length of your track at each screw head.



***ALL Vertical Glass Measurements should be the same height. If they differ, either your top track or bottom track need to be re-leveled to ensure proper glass measurements and installation.**



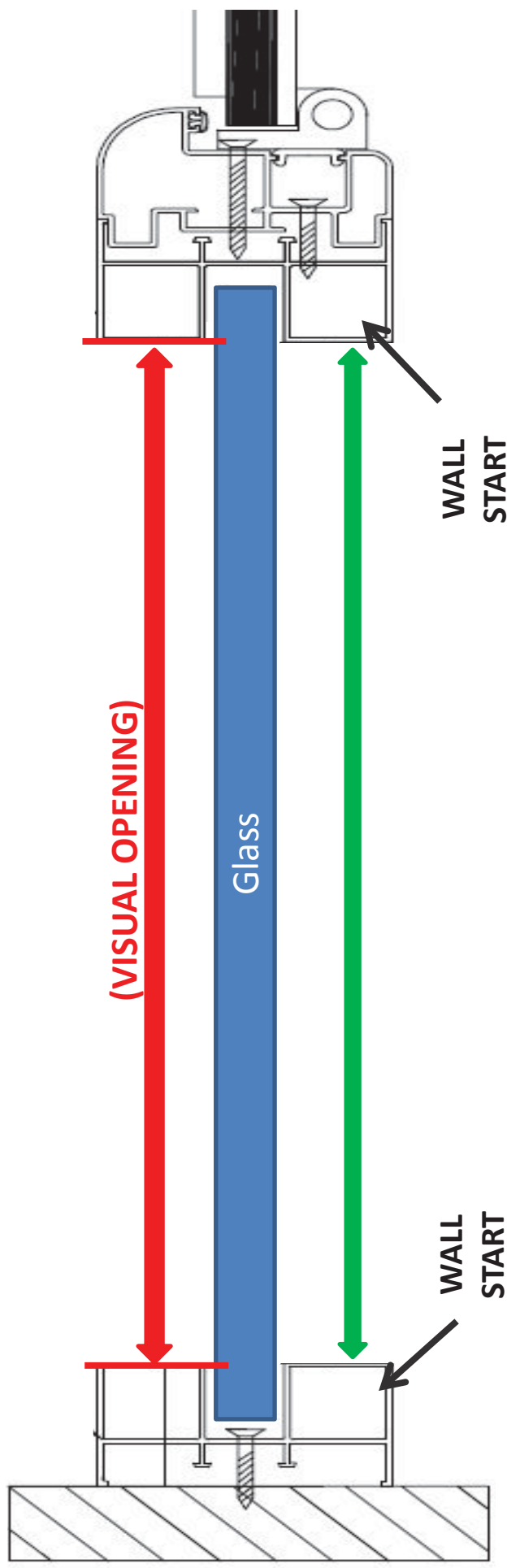
Example of Installed Glass

VIEW SERIES

Measuring for Horizontal Glass

- If your project has between 2 and 6 panes of glass in a partition you will need to measure the VO (visual opening) and add a $\frac{1}{2}$ " to your overall measurement. This total will then be divided by the number of panes of glass you have.

For example: If I had 4 panes of glass and my VO (visual opening) was 96" I would simply add $\frac{1}{2}$ " to that. I would then divide 96 $\frac{1}{2}$ " by 4 giving myself 24 $\frac{1}{8}$ " for each of the four panes of glass widths.



Note: If you have more than 6 panes of glass consult with the NxtWall team on how to measure the Width of your opening.

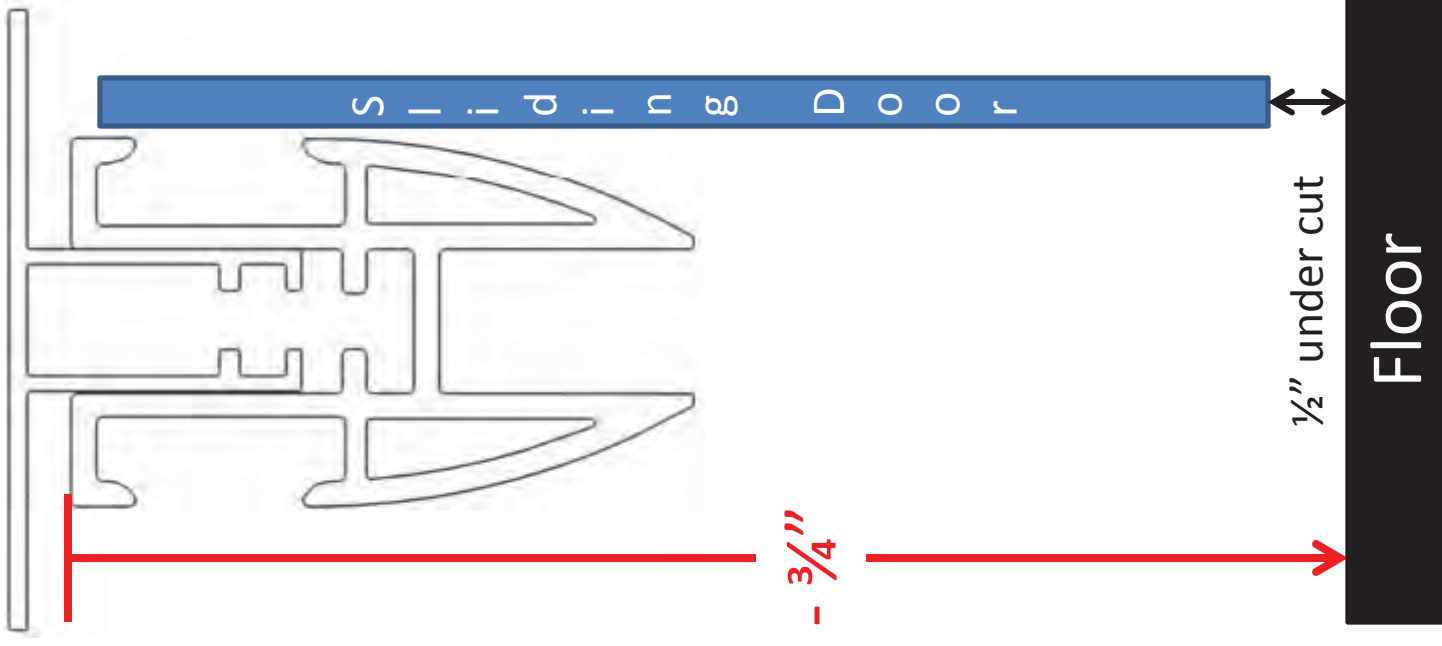
Measuring View Sliding Door

Height

When measuring for a View sliding door you will pull your tape from the top of the arrow head shaped track to the floor and subtract $\frac{3}{4}$ of an inch, like shown in the drawing. Make sure to measure in a few spots along the travel of the door and subtract from the smallest dimension.

Width

When submitting your measurements for the View sliding doors (not free standing) the standard width dimension is 42"



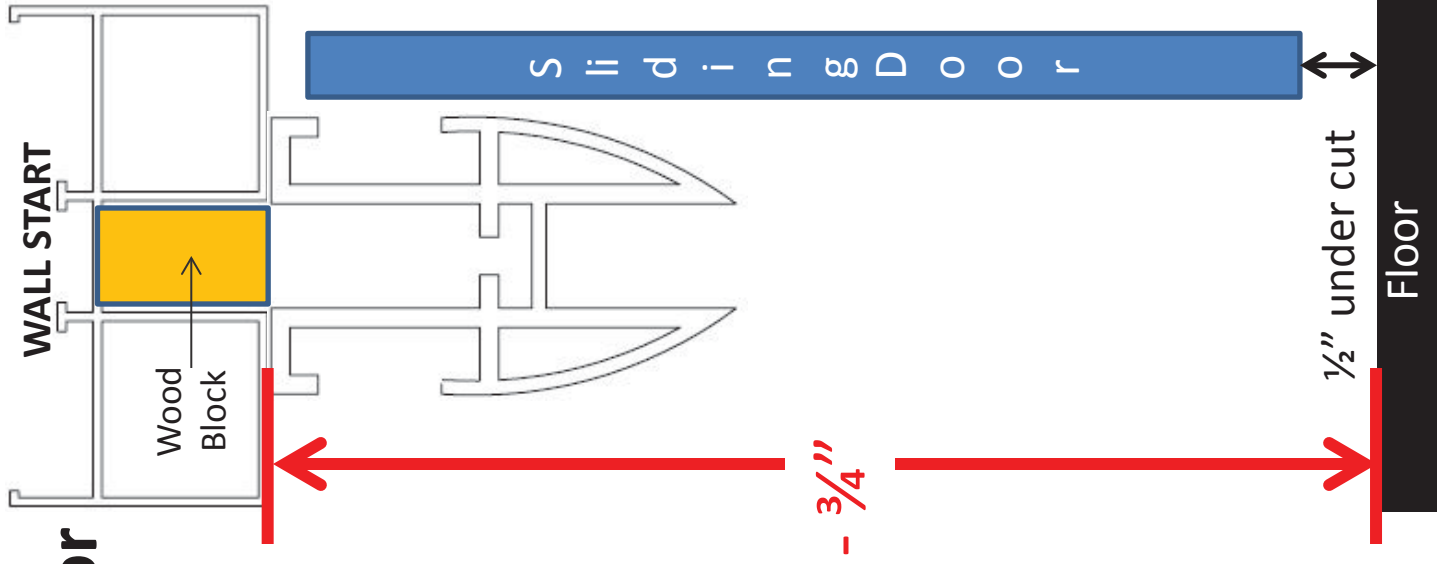
Sliding Door For Free Standing View Door

Height

When measuring for the sliding door on free standing View, you will measure from the View Wallstart to the floor and subtract $\frac{3}{4}$ of an inch. When you measure from Wallstart to floor you will want to measure in a few spots along the travel of the door and subtract the $\frac{3}{4}$ from your smallest measurement.

Width

When submitting the width of your door for free standing View your door width will be 45" due to the support post for the sliding door.





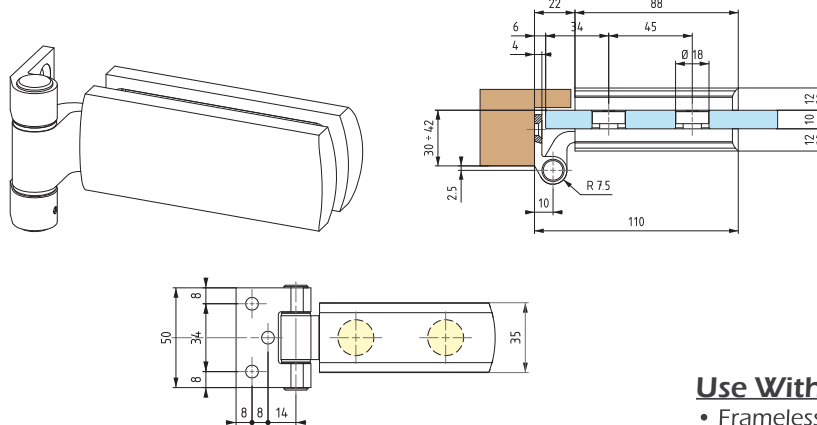
Door Hardware Guide

www.nxtwall.com



Door Hinges

FLEXA - GLASS DOOR HINGE



Features:

- Flexa Side Hinge
- For 3/8" thick glass
- 35-7/8" door widths
- 121 lbs max door weight
- Modern Italian Design
- Finish: Polish chromed brass and satin cromed brass

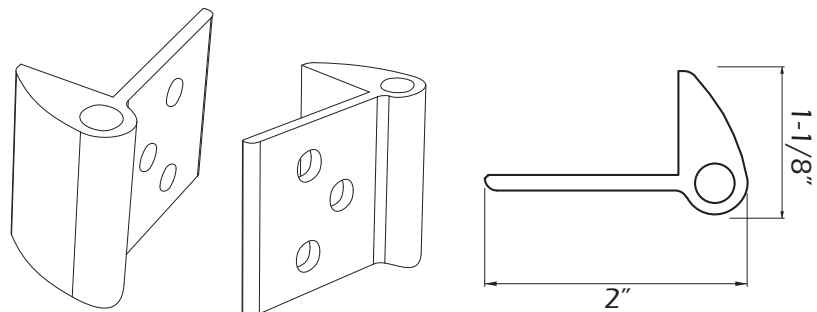
Use With:

- Frameless Glass swing doors (3/8" thick)
- Flex Series or View Series

Finish Options:

- Brushed Satin (standard)
- Satin Anodized Aluminum
- Chrome

NXTWALL - SWING DOOR HINGE



Features:

- Reversible
- Can match NxtWall trim, track, and door frames

Use With:

- Solid core laminate swing doors (1-3/4" thick)
- Wood Veneer swing doors (1-3/4" thick)
- Aluminum frame swing doors (1-3/4" thick)
- Flex Series or View Series

Finish Options:

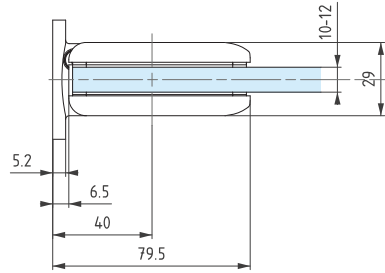
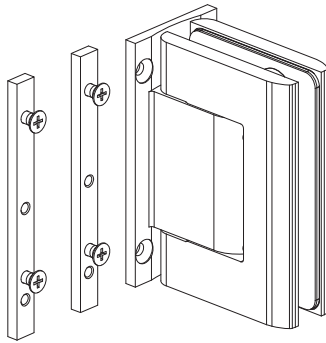
- MS Silver Powdercoat (Standard)
- Clear Anodized*
- Black Powdercoat*
- Warm White Powdercoat*
- Milk White Powdercoat*
- Brown Powdercoat*
- Any Color from the RAL Color Chart*
- Custom Anodized Options*

(* upcharge may apply)

(Measurements shown in mm)

NXTWALL STANDARD DOOR HARDWARE

BILOBA - FULL SWING SELF CLOSING & SELF CENTERING GLASS DOOR HINGE



Features:

- Hydraulic hinge with adjustment of the closing speed of the door
- Stop at 0° +90° -90°
- Automatic Closing From 0 to 80 Degrees
- Holds open at 90°
- Connecting plate included
- Opens both inwards and outwards
- For 3/8" thick glass
- For up to 39-3/8" door widths
- 220 lbs max door weight (2 hinge set)
- Tested for 1,000,000 cycles

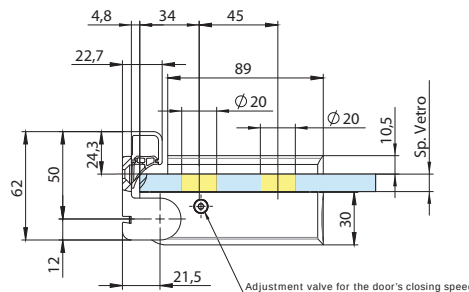
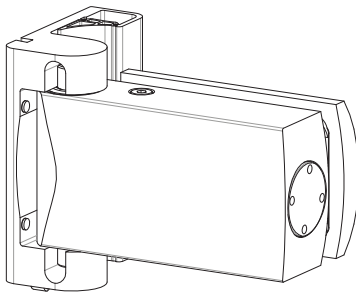
Use With:

- Frameless Glass swing doors (3/8" thick)
- Flex Series or View Series

Finish Options:

- Brushed Satin (standard)
- Satin Anodized Aluminum
- Black

BILOBA - SELF CLOSING GLASS DOOR HINGE



Features:

- Aluminum hydraulic hinge with adjustment of the closing speed of the door
- Stop at 0° +90°
- Automatic Closing From 0 to 80 Degrees
- Holds open at 90°
- Connecting plate included
- Single-action, Opens in one direction only
- For 3/8" thick glass
- For up to 39-3/8" door widths
- 220 lbs max door weight (2 hinge set)
- Tested for 1,000,000 cycles

Use With:

- Frameless Glass swing doors (3/8" thick)
- Flex Series or View Series

Finish Options:

- Satin Chromed Brass (standard)
- Black

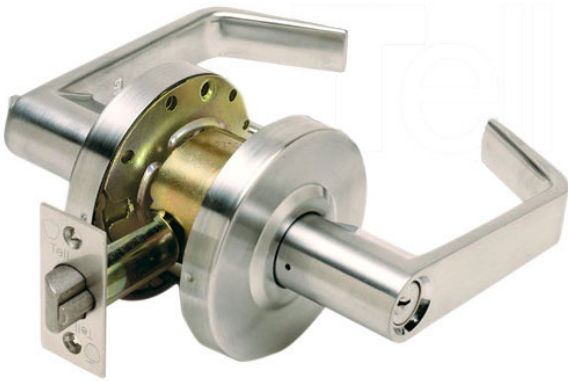


(Measurements shown in mm)



Door Leversets

CORTLAND - LOCKING LEVERSET (Standard Duty)



Features:

- Passage option available
- Performance: Complies with ANSI A156.2, Series 4000, Grade 2, 400,000 cycles, ANSI A117.1 accessibility (ADA) code, UL/ULC listed for 3 hour fire door
- Chassis: Cylindrical, steel-coated w/ zinc dichronate (corrosion resistance)
- Lever: Non-handed
- Standard Cylinder: Standard cylinder Schlage (SCC) - 6-pin solid brass, C keyway, keyed different (KD)
- Latch: 1-1/8" x 2-1/4" square corner faceplate, 3/4" housing, 1/2" throw (stainless steel)
- Latchbolt operated by lever from either side
- Outside lever locked by turn button from inside
- Unlocked by key from outside or rotating inside lever
- Warranty: 1 Year Limited

Use With:

- Solid core laminate swing doors (1-3/4" thick)
- Wood Veneer swing doors (1-3/4" thick)
- Aluminum frame swing doors (1-3/4" thick)
- Flex Series or View Series

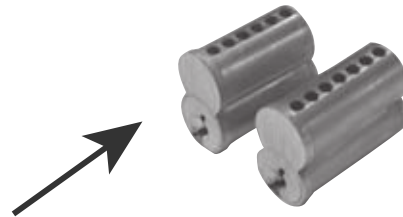
Finish Options:

- Satin Chrome (standard)

ALSO AVAILABLE:

Heavy Duty Version which Accepts IC Keying Core

- Small format interchangeable core brass cylinder
6-pin standard, 7-pin available. Best "A" keyway standard.

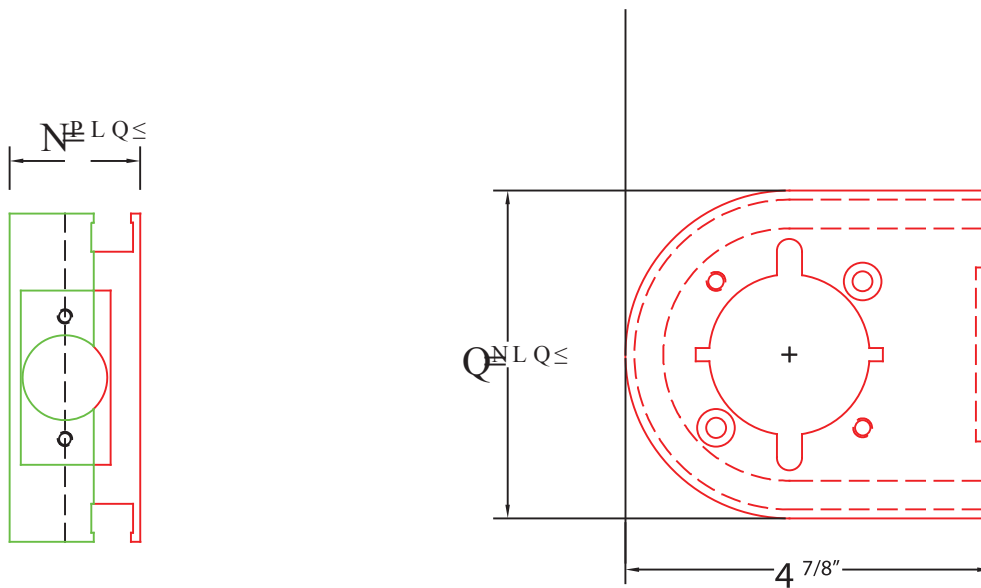


Functions Available for the Standard Duty Locking Leverset:

Function	Function No.	Out/In	Description
Entry/Office	81		- Latchbolt operated by lever from either side - Outside lever locked by turn button from inside - Unlocked by key from outside or rotating inside lever
Entry	82		- Latchbolt operated by lever from either side - Outside lever locked by push button from inside - Outside unlocked by key from outside or rotating inside lever
Classroom	84		- Latchbolt operated by lever from each side - Outside lever locked or unlocked by key from outside - Inside lever always operates latch
Storeroom	86		- Latch operated by rotating inside lever or key in outside lever - Outside lever always fixed
Passage/Closet	75		- Latchbolt operated by lever from either side at all times
More Functions Available...			

NXTWALL DOOR HARDWARE

LEVER LOCK HOUSING KIT



Features:

- Allows use of standard lockset on frameless glass doors
- Incorporates lockset functions such as entrance, storeroom, and privacy features
- Locksets can accommodate large and small format interchangeable cores

Use With:

- Frameless glass swing doors
- Flex Series or View Series

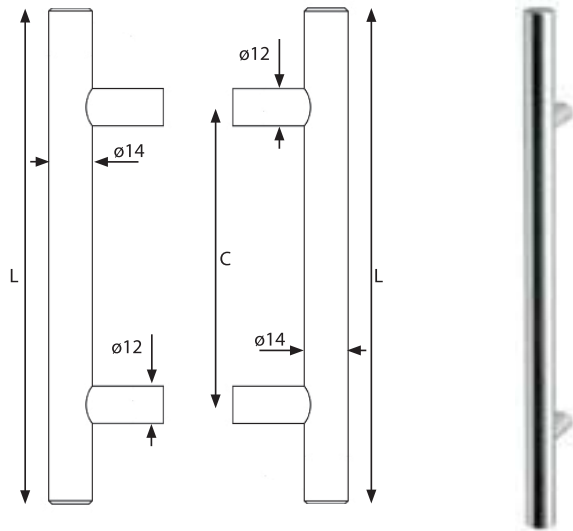
Finish Options:

- Bright Anodized



Non-Locking Door Pulls

NON LOCKING DOOR PULL (15-3/4" L)



Features:

- Set of (2) for back-to-back installation
- AISI 304 Solid Stainless Steel with a brushed finish
- Includes a set of kit connectors to join 2 door pulls together
- Dimensions: L = 15-3/4", C = 320 mm
- NOTE: Diameter thickness is thinner than our other non-locking door pulls shown below

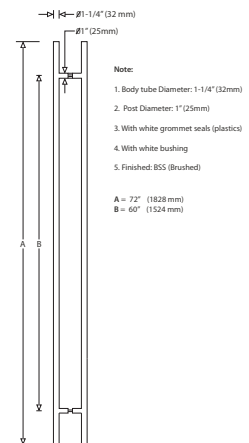
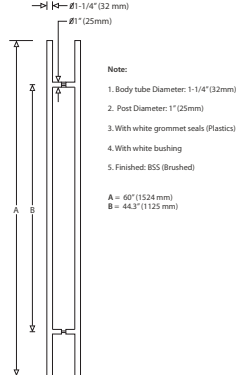
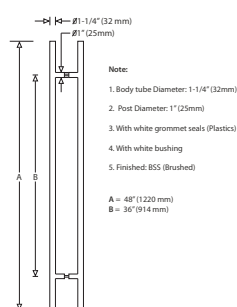
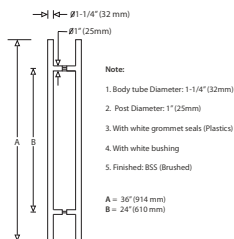
Use With:

- All door types
- Flex Series or View Series

Finish Options:

- Brushed Stainless Steel
- Black Matte Smooth

TCS - NON LOCKING DOOR PULLS (36"-72" L)



Features:

- Brushed stainless steel
- Includes white grommet seals (plastics) & white bushings
- 304 Stainless Steel (316 available upon request)
- L = 36", 48", 60", & 72"



Use With:

- All door types
- All swing door types
- Flex Series or View Series

Finish Options:

- Brushed Stainless Steel (standard)
- Black Matte Smooth
- Black Matte Textured
- Titanium Black Polished

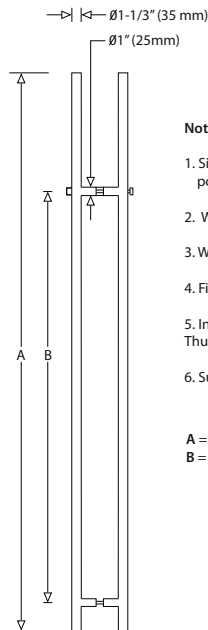
(Measurements shown in mm unless specified otherwise)

NXTWALL STANDARD DOOR HARDWARE



Locking Door Pulls

TCS - LOCKING DOOR PULLS



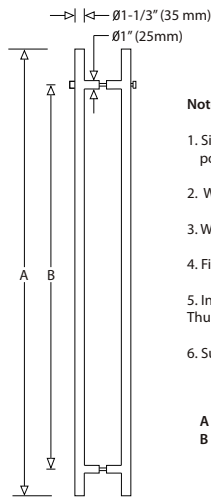
Note:

1. Size: OD- $\varnothing 35\text{mm} \times 48"$ (1220mm) C&C1050mm, posts diameter is 35mm
2. With metal washers and grommet seals (Plastics)
3. With white bushings
4. Finished: BSS (Brushed)
5. Integral locking facility Key operated from outside Thumb turn inside (Factory supply without lock core)
6. Supply with spring floor receiver

A = 60" (1524 mm)
B = 44.3" (1125 mm)



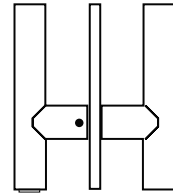
Spring Floor Receiver



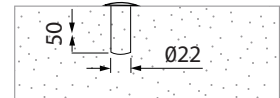
Note:

1. Size: OD- $\varnothing 35\text{mm} \times 48"$ (1220mm) C&C1050mm, posts diameter is 35mm
2. With metal washers and grommet seals (Plastics)
3. With white bushings
4. Finished: BSS (Brushed)
5. Integral locking facility Key operated from outside Thumb turn inside (Factory supply without lock core)
6. Supply with spring floor receiver

A = 48" (1220 mm)
B = 41.3" (1050 mm)



Spring Floor Receiver
Installation Detail



Features:

- Brushed stainless steel
- Includes white grommet seals (plastics) & white bushings
- 304 Stainless Steel (316 available upon request)
- Includes: spring floor receiver & thumb turn lock (lock core separate)

Use With:

- All door types
- All swing door types
- Flex Series or View Series

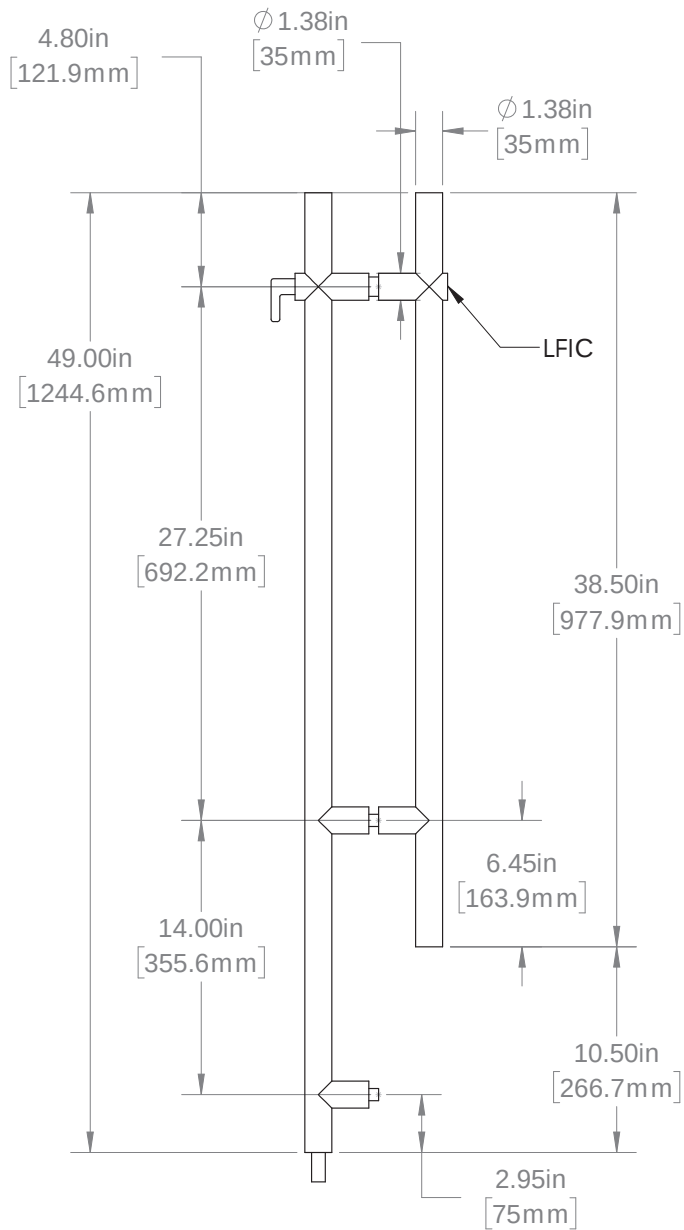
Finish Options:

- Brushed Stainless Steel (standard)
- Black Matte Smooth
- Black Matte Textured
- Titanium Black Polished



Custom Door Pulls

TCS - CUSTOM LOCKING DOOR PULL (LARGE FORMAT INTERCHANGEABLE CORE)



Features:

- Available lengths: 24", 36", 48", 60", 72", and 84"
- Brushed stainless steel, Polished stainless steel, and Matte Black finishes
- Includes white grommet seals (plastics) & white bushings
- Body tube diameter: 1.38" (35mm)
- Post diameter: 1.38" (35mm)
- Includes: spring floor receiver & thumb turn lock (lock core separate)
- LFIC Lock (Large Format Interchangeable Core)

Use With:

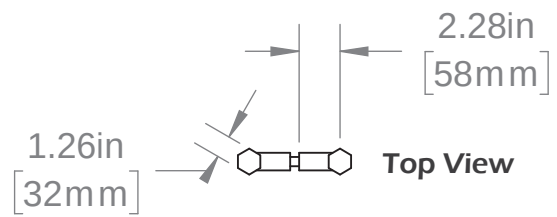
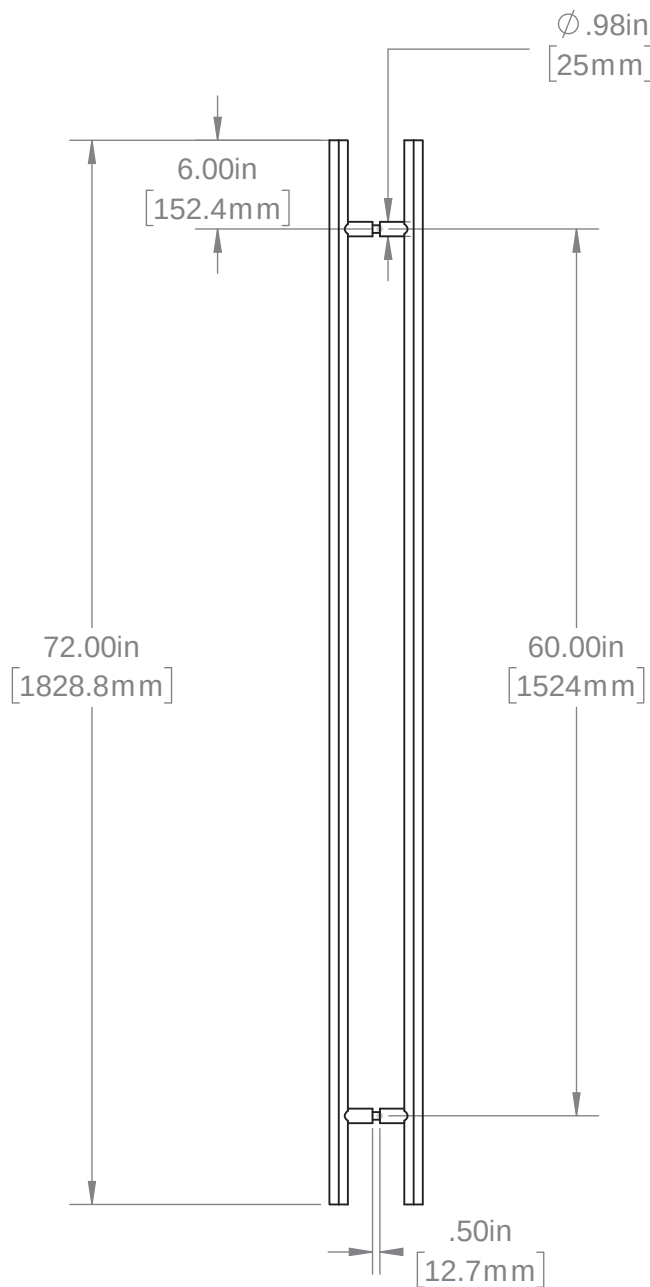
- All door types
- Flex Series or View Series

Finish Options:

- Brushed stainless steel
- Polished stainless steel
- Matte Black

NXTWALL DOOR HARDWARE

TCS - NON-LOCKING HEXAGONAL DOOR PULLS



Features:

- Available lengths: 24", 36", 48", 60", 72"
- Polished stainless steel
- 1.26" (32mm) Hexagonal body tube
- Post diameter: 0.98" (25mm)
- Includes clear grommet seals (Plastics) & white bushings

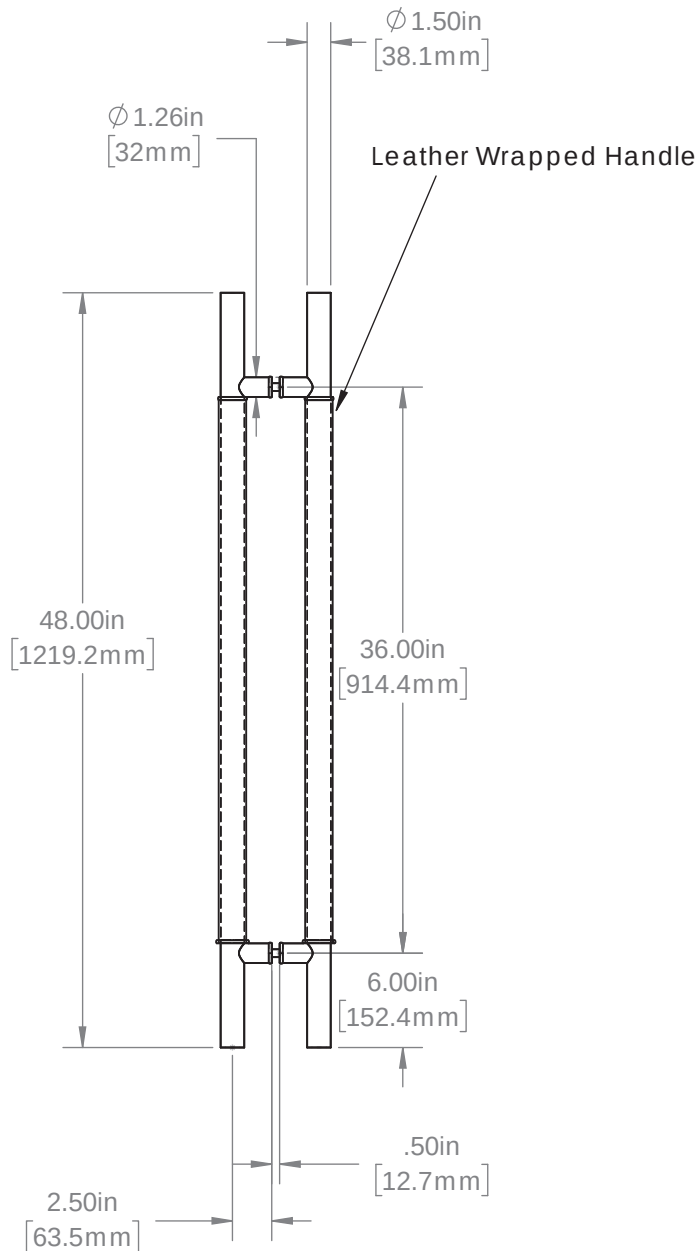
Use With:

- All door types
- Flex Series or View Series

Finish Options:

- Brushed stainless steel
- Polished stainless steel
- Matte Black

TCS - NON-LOCKING LEATHER COVER DOOR PULLS



Features:

- Available lengths: 24", 36", 48", 60", 72"
- Body tube diameter: 1.5" (38.1mm)
- Post diameter: 1.26" (32mm)
- Leather wrapped handle
- Includes white grommet seals (Plastics) & white bushings



Use With:

- All door types
- Flex Series or View Series

Finish Options:

Handle Cover:

- Black leather
- Brown leather

Metal Pull:

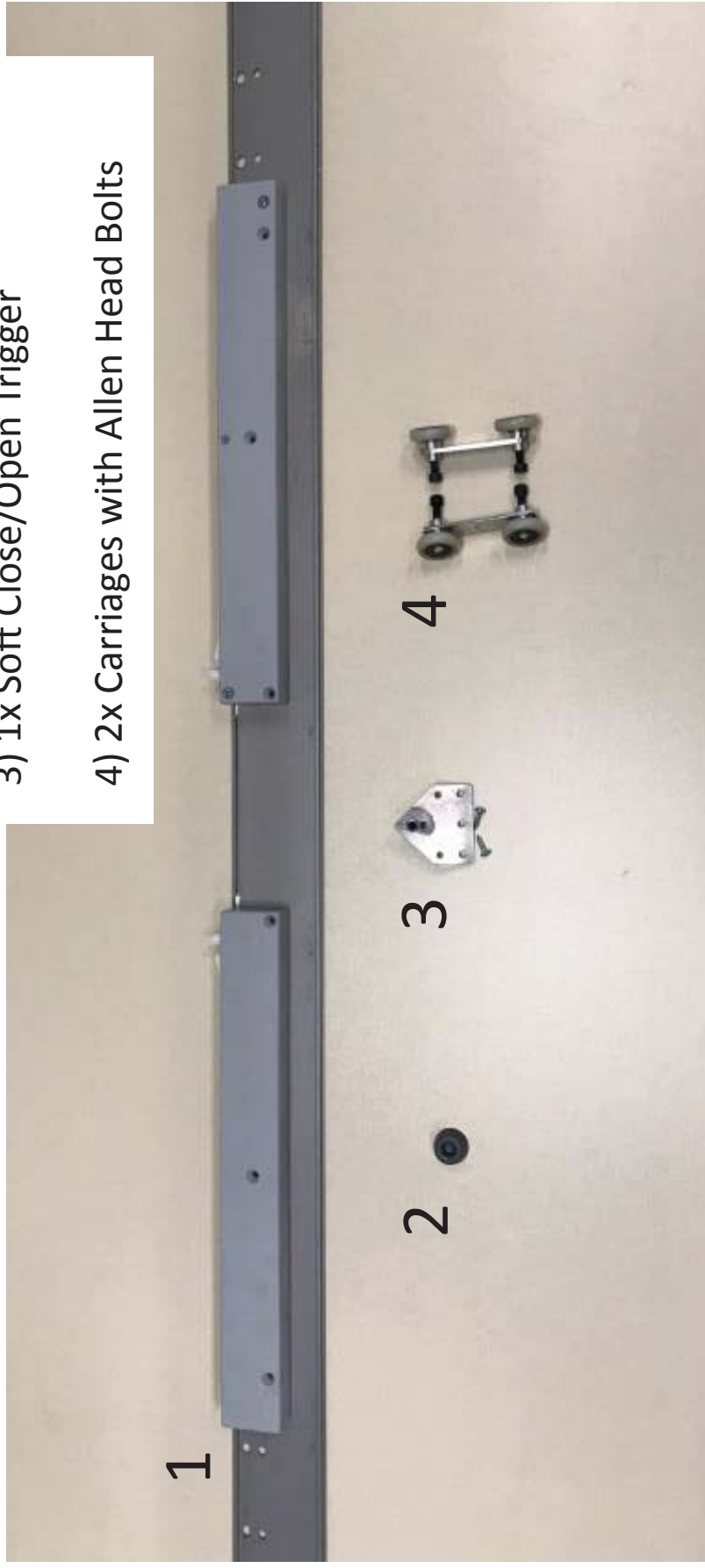
- Brushed stainless steel
- Polished stainless steel
- Matte black

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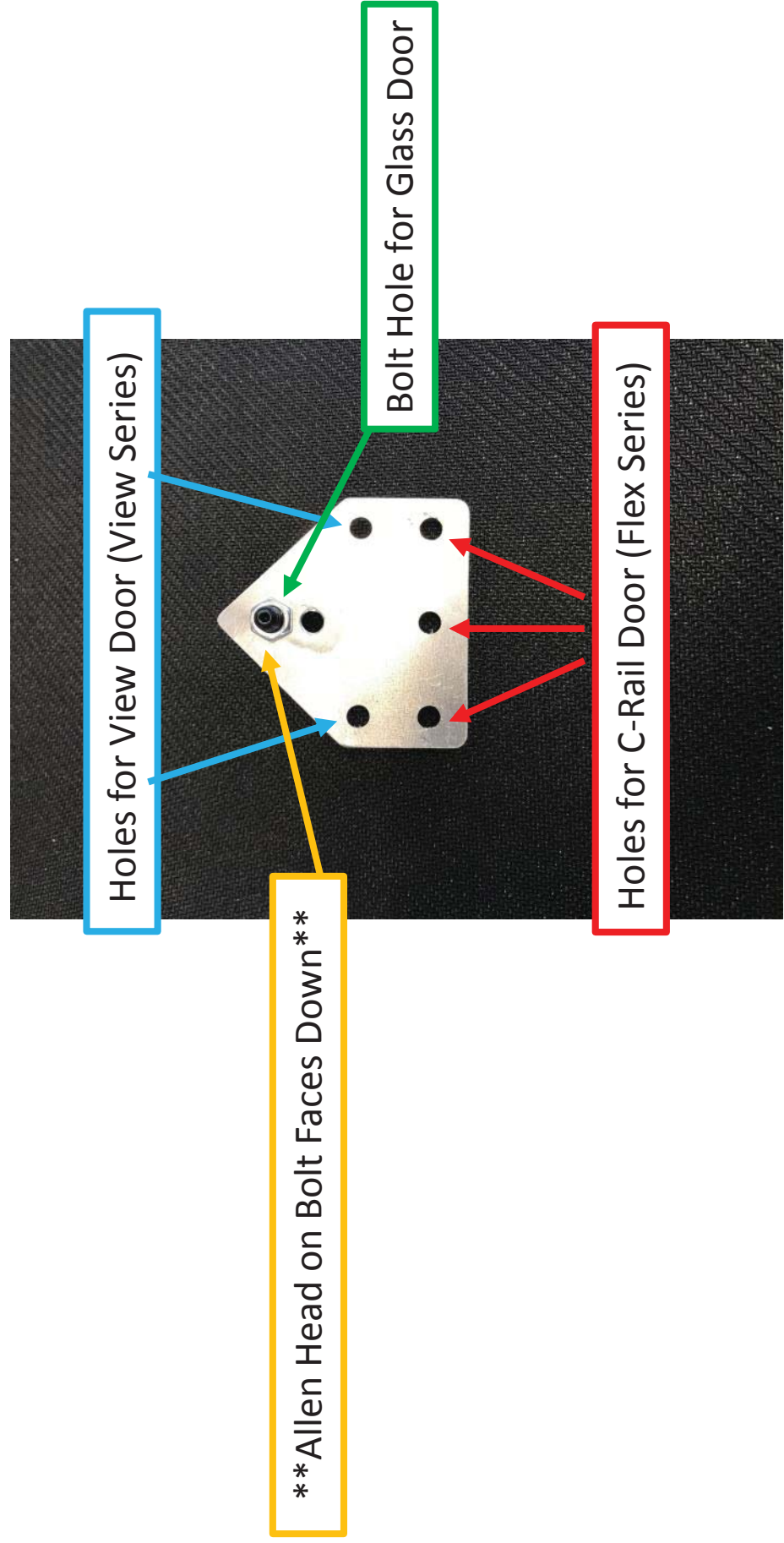
**Soft Close and/or Open Installation Guide
for Flex Series**

Materials List

- 1) 1x Soft Close/Open Mechanism on Soft Close/Open Mount
- 2) 2x Door Stops with Screws
- 3) 1x Soft Close/Open Trigger
- 4) 2x Carriages with Allen Head Bolts



Soft Close Trigger View and Flex Series



Mounting Soft Close/Open

1. Install carriages into the C-Rail by pushing them into place. Carriages to have flat side down.
2. Lift the door and place the door near the bottom track.
3. Place the door on shims to raise the door high enough to align the pre-cut carriage holes in the glass with the carriages in the C-Rail.
4. Press the glass tight against the framing allowing the carriages to set in the holes.

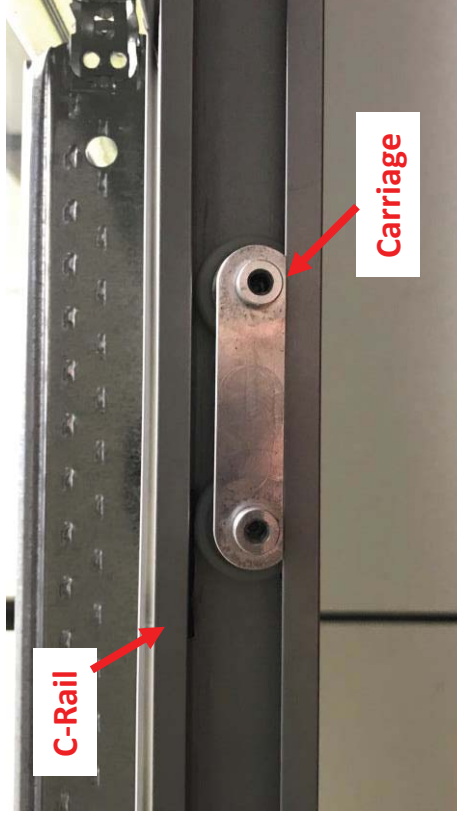


Image 1

Mounting Soft Close/Open(Continued)



Image 1

5. Align the soft close/open mount over the pre-cut holes with the carriages in the holes. **Note: If your mount has two sets of holes drilled use the highest set of holes. There should be about a ½" of glass exposed above the mount.**



Image 2

6. Use the Allen Wrench head bolts to attach the soft close/open to mount to the carriages. Do not overtighten the bolts.
7. Remove the shims from under the door to allow the weight of the door to be transferred to the carriages.
8. At this time the door should be able to slide freely.

Installing the Door Stops

****Make sure to install the system mounted floor guide prior to installing the door stops****



Image 1

1. Install the bar-pull on the door
2. Figure the spacing needed for the door to be shut but still have the ability to use the bar-pull.
3. Place the door stop in front of the carriage. The door stops have an adhesive backing, stick the door stop to the frame in the correct location.
4. Move the door to attach the door stop. Use the screws provided to attach the door stop.
5. Repeat this process for the door stop in the open position.

Installing the Trigger



Image 1

1. Open the door to the full open position. The door should be in contact with the door stop.
2. On top of the soft close/open mechanism you will see a white or black “catch” piece. Keep the catch disengaged. Make sure to keep the door opened, this will determine the trigger location.

Installing the Trigger (Continued)



Image 1

3. Mock your trigger piece.
4. Position the trigger in the open space of the catch (Image 1)
5. Use a pencil to mark the C-Rail.
6. Move the door to install the trigger.

Installing the Trigger (Continued)

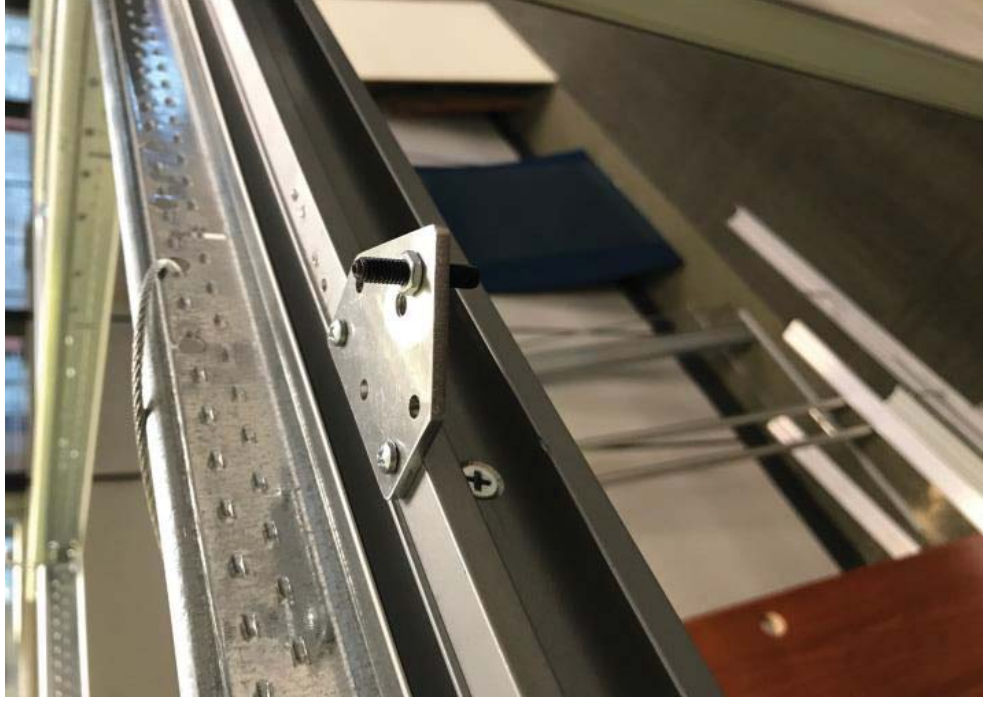


Image 1

7. Place the trigger on top of the C-Rail (Image 1). **Note: Make sure the trigger is flush with the back of the C-Rail.**
8. Pre-drill the View Guide with a 1/8" drill bit. Use the holes in the trigger as a guide.
9. Use the screws provided to attach the trigger to the C-Rail.
10. Adjust the bolt up or down on the trigger to ensure the catch piece comes in contact with the trigger.
11. Installation is now complete

Installing Soft Close/Open on a Aluminum Framed Door



Image 1

- For the Aluminum Framed Glass door the trigger shown in Image 1 will be used.
- The soft mechanism(s) will be pre-installed in the doors
- The Aluminum Framed Door will need to be prepped for the carriages. Instructions for prepping the doors on the next page.

Aluminum Framed Door Prep

1. Must drill holes into the doors first (see Door Prep template page for instructions). On the side where the door faces the rail you must drill holes. From the upper corner measure in 1 1/4" and 3 3/8" and then down 13/16" and drill a 1/2" hole in both areas. Repeat on both ends of the door.
2. Install the carriages through the holes.
3. Install the spacers.
4. Install the carriage caps (See Image)
5. Install aluminum framed door onto C-Rail.
6. Install floor guide and adjust for height.
7. Install door handle.
8. Install door bumpers (make sure you can grab the handle and not hit your knuckles on the frame work when setting bumpers).



Aluminum Framed Door Trigger Installation



1. With door installed, you can begin to install the triggers.
2. Close the door to install trigger which is flat with a 7/8" x 1/4" extension on it.
3. Line the 1/4" extension part of the trigger tight to the small side of the trigger. Trigger should be even with back of C-Rail.
4. Drill two holes through the trigger into C-Rail using a 1/8" drill bit.
5. Install #6 x 3/8" screws.
6. NOTE: If doors do not hit the trigger you can add the spacer that is sent to create more space for the trigger.
7. Installation is complete

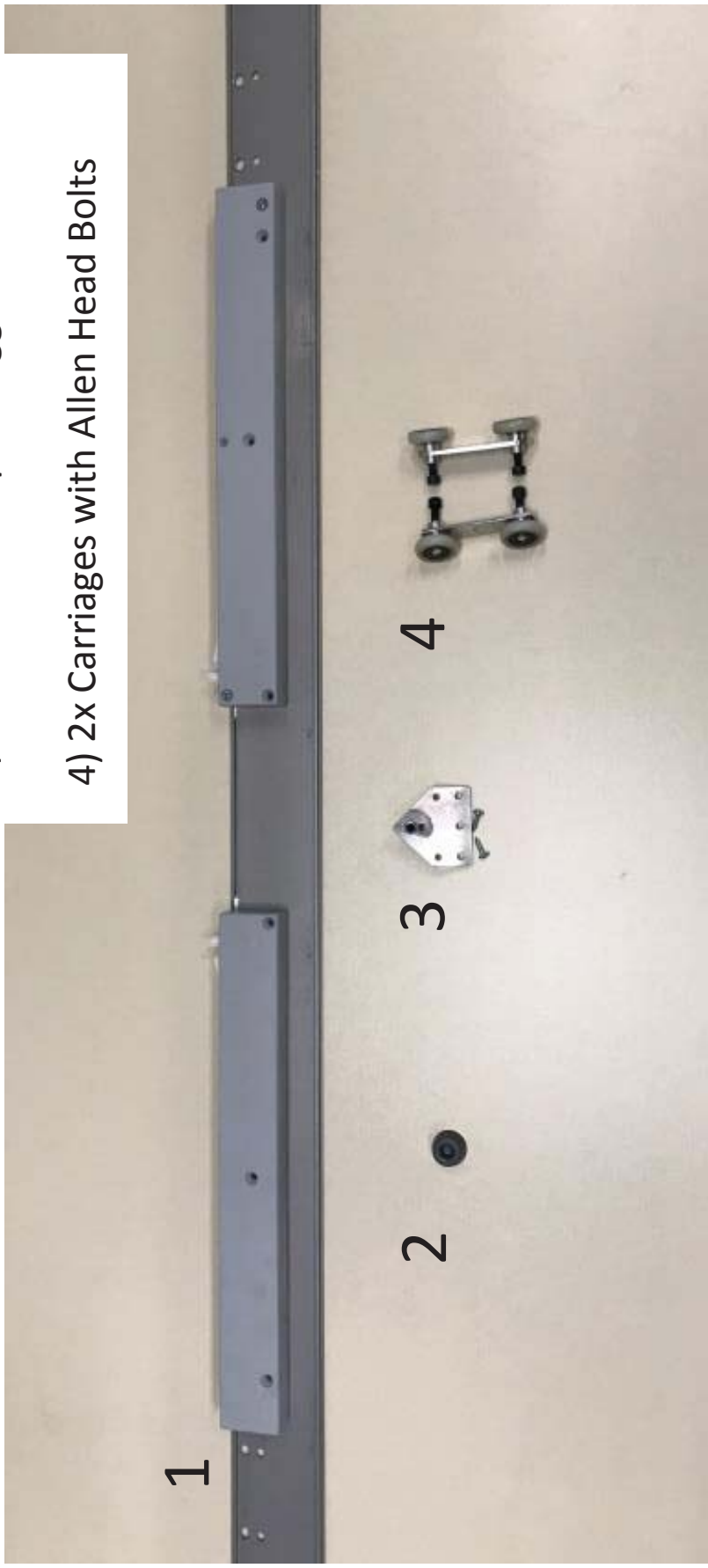
IMPORTANT: Clean the C-Rail of all aluminum shavings.

NXTWALL

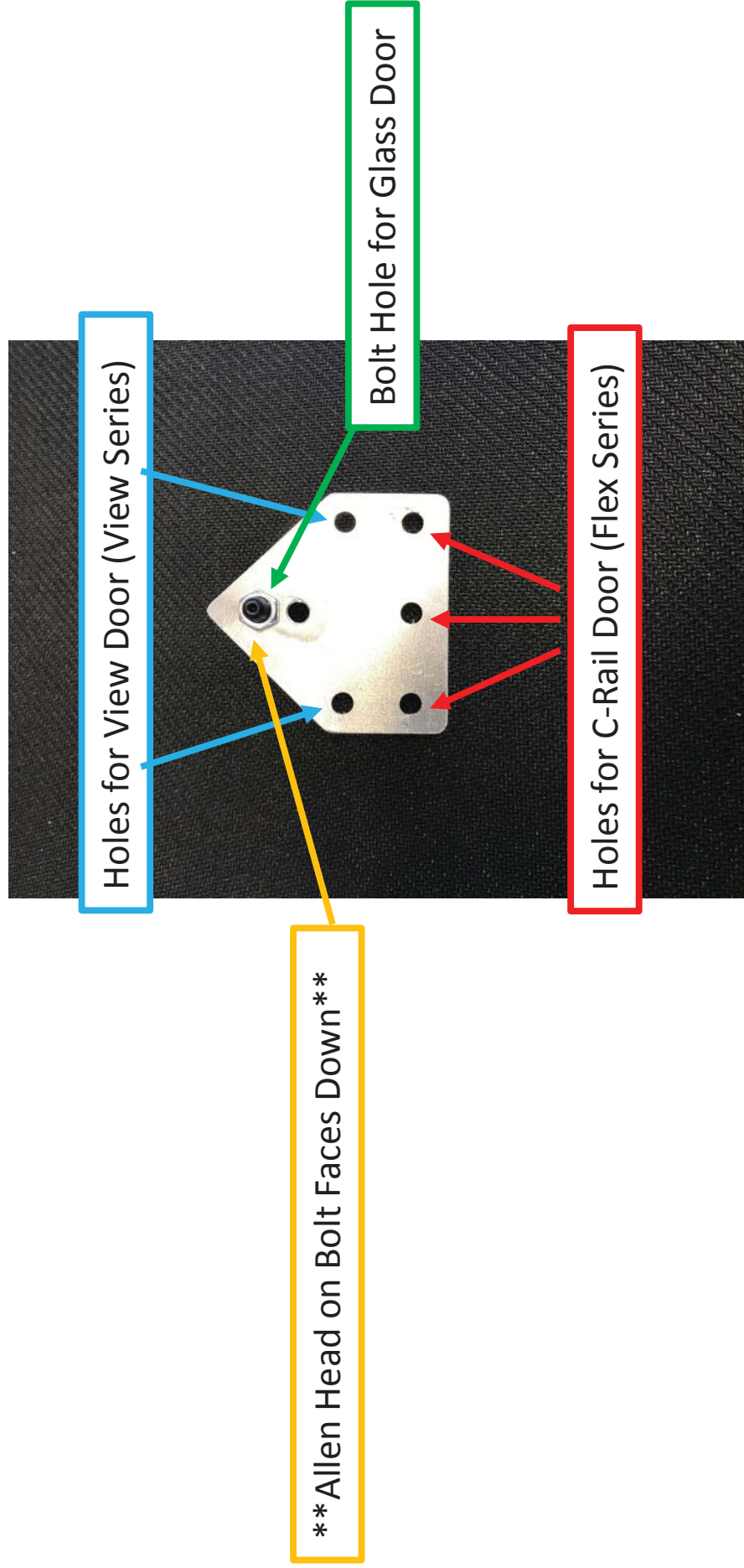
**Soft Close and/or Open Installation Guide for
View Series**

Materials List

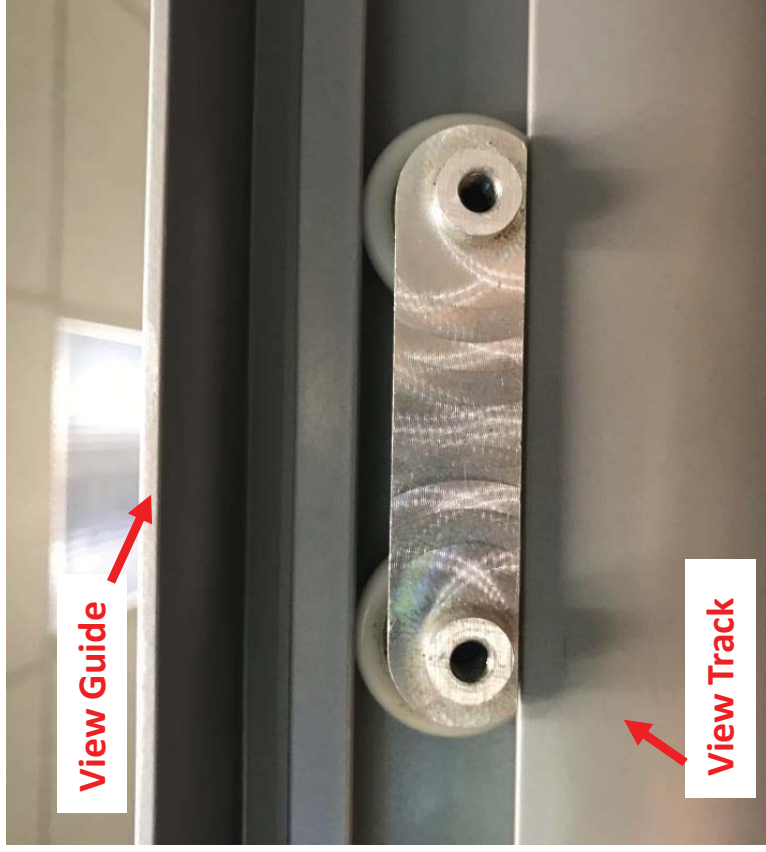
- 1) 1x Soft Close/Open Mechanism on Soft Close/Open Mount
- 2) 2x Door Stops with Screws
- 3) 1x Soft Close/Open Trigger
- 4) 2x Carriages with Allen Head Bolts



Soft Close Trigger View and Flex Series



Mounting Soft Close/Open



1. Install carriages into the View Track by pushing them into place. Carriages to have flat side down.
2. Lift the door and place the door near the bottom track.
3. Place the door on shims to raise the door high enough to align the pre-cut carriage holes in the glass with the carriages in the track.
4. Press the glass tight against the framing allowing the carriages to set in the holes.

***IMPORTANT: Make sure to have 3/8" inch air gap between the View Track and Guide**

Mounting Soft Close/Open(Continued)



Image 1

5. Align the soft close/open mount over the pre-cut holes with the carriages in the holes. **Note: If your mount has two sets of holes drilled use the highest set of holes. There should be about a ½" of glass exposed above the mount.**



Image 2

6. Use the Allen Wrench head bolts to attach the soft close/open to mount to the carriages. Do not overtighten the bolts.
7. Remove the shims from under the door to allow the weight of the door to be transferred to the carriages.
8. At this time the door should be able to slide freely.

Installing the Door Stops



Image 1

1. Install the bar-pull on the door
2. Install the D-Pad on the Door. Close the door until the D-Pad comes into contact with the frame. This will be the closed position.
3. Place the door stop in front of the carriage. The door stops have an adhesive backing, stick the door stop to the frame in the correct location.
4. Move the door to attach the door stop. Use the screws provided to attach the door stop.
5. Repeat this process for the door stop in the open position.



Image 2

Installing the Trigger



Image 1

1. Open the door to the full open position. The door should be in contact with the door stop.



Image 2

2. On top of the soft close/open mechanism you will see a white or black “catch” piece (Image 2). Keep the catch disengaged. Make sure to keep the door opened, this will determine the trigger location.

Installing the Trigger (Continued)



Image 1

3. Mock your trigger piece.
4. Position the trigger in the open space of the catch (Image 1).
5. Use a pencil to mark the View Guide.
6. Move the door to install the trigger.

***IMPORTANT:** Make sure to have 3/8" inch air gap between the View Track and Guide

Installing the Trigger (Continued)



Image 1

7. Place the trigger in between the View Track and the View Guide at your marked location (Image 1). Make sure the trigger is tight to the back of the track guide.
8. Pre-drill the View Guide with a 1/8" drill bit. Use the holes in the trigger as a guide.
9. Use the screws provided to attach the trigger to the frame.
10. Adjust the bolt up or down on the trigger to ensure the catch piece comes in contact with the trigger.
11. Installation is now complete

IMPORTANT: Clean the track of all aluminum shavings.



INSTALLATION OF FLEXA HINGES FOR SWINGING GLASS DOORS

FLEX & VIEW SERIES



Installation of Flexa Hinges for Swinging Glass Doors



Step 1:

The single holed Back Plate with threads goes into the cavity of the Door Jamb.

Important- The hole location MUST be closest to the Door Bump side of the Jamb. This will allow for the tightest seal with the door closed and allows you to screw your 1" Screws directly into the Jamb itself.





Step 2:

The non threaded back plate is set on top of the threaded back plate aligning the holes. Notice the threaded plate is inside the Door Jamb and the non threaded plate rests on top of the Door Jamb.

Step 3:

Using a Phillips Head Screwdriver, tighten the Set Screw provided. As the picture shows, this will offset the other 2 holes of the Flexa Hinge.

Step 4:

Hang door, then adjust door for height. Make sure door opens and closes correctly.



Step 5:

With the set screw secured you can now drill pilot holes with a 5/32 drill bit directly through the door jamb.

Drilling here will not hit either of the 2 back plates.



Step 6:

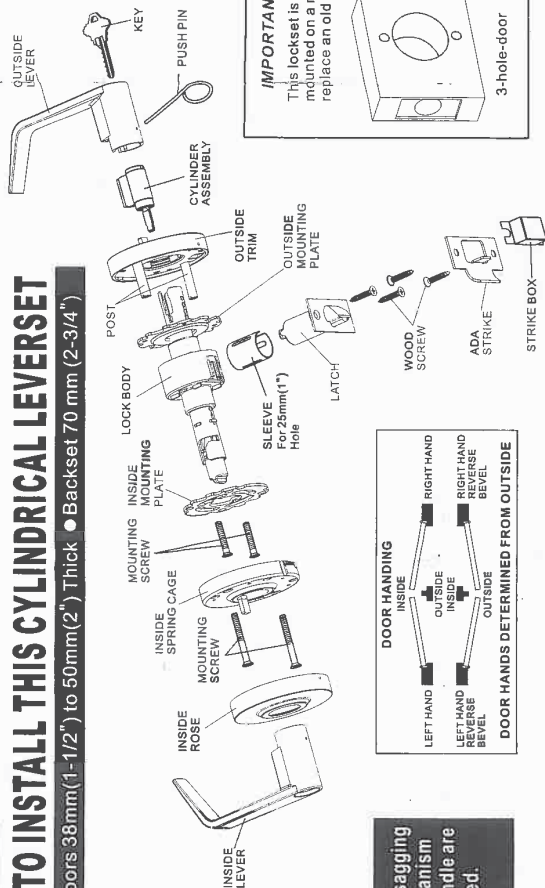
Using a Phillips Head Screw Driver you can now screw in the 1" Screws provided directly into the Door Jamb.





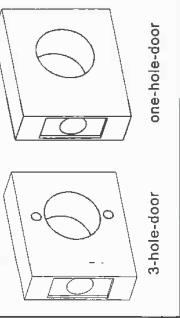
CORTLAND LOCKING LEVERSET Installation Instructions

● Fit Doors 38mm(1-1/2") to 50mm(2") Thick ● Backset 70 mm (2-3/4")



IMPORTANT! READ FIRST

This lockset is designed to be mounted on a new 3-hole-door or replace an old lock on one-hole-door.



Anti-sagging mechanism of handle are applied.

DOOR HANDING

INSIDE

OUTSIDE

LEFT HAND REVERSE BEVEL

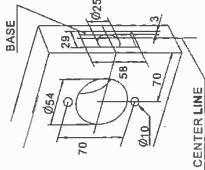
RIGHT HAND BEVEL

LEFT HAND BEVEL

RIGHT HAND REVERSE BEVEL

DOOR HANDS DETERMINED FROM OUTSIDE

Install Latch

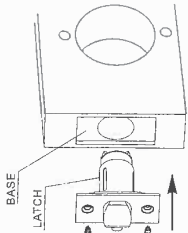


A: Fold template on edge of door mark site 70mm(2-3/4") of holes.

B: Drill a ϕ 54mm(2-1/8") hole and two 10mm(3/8") holes through door (from both sides to avoid damaging door).

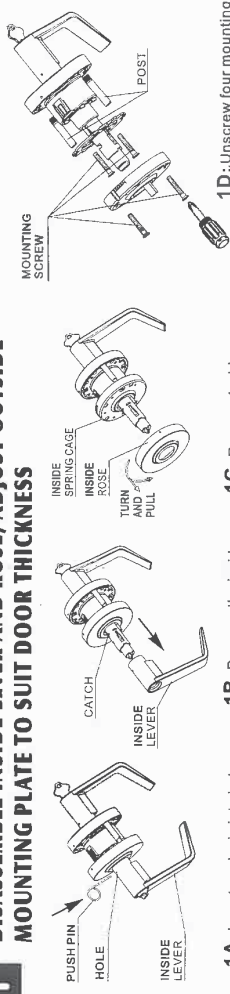
C: Drill a ϕ 25mm (1") hole in door edge.

D: Cut out a 58x29x3mm (2-9/32"x1-1/8"x1/8") base.



Insert latch unit and fix it with two wood screws.

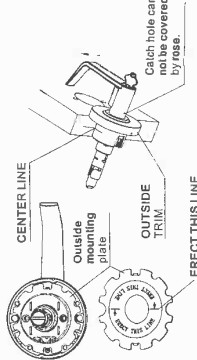
DISASSEMBLE INSIDE LEVER AND ROSE, ADJUST OUTSIDE MOUNTING PLATE TO SUIT DOOR THICKNESS



1A: Insert push pin into hole in inside lever to depress catch.

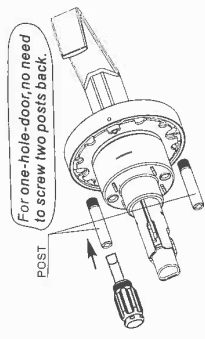
1B: Remove the inside lever from spindle.¹

1C: Remove inside rose by turning and pulling off.



1E: Screw outside mounting plate according to the door thickness, make sure the lock body at both sides symmetrical.

1D: Unscrew four mounting screws and two posts in lock body by screwdriver.



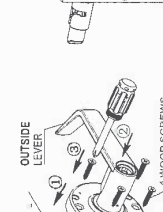
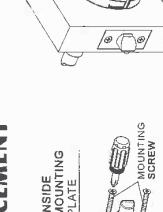
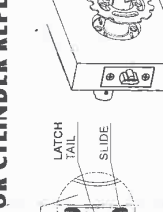
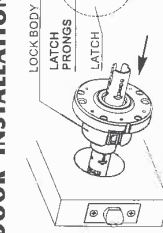
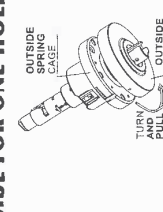
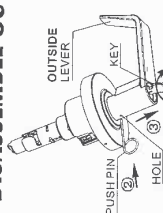
1F: Screw two posts back for next installation (only for 3-hole-door).

Cortland Locking Leverset Installation Instructions

2

DISASSEMBLE OUTSIDE FOR ONE-HOLE DOOR INSTALLATION OR CYLINDER REPLACEMENT

one-hole-door installation
1. new lock on a new one-hole-door.
2. old lock replacement on one-hole-door.
follow steps 2A to 2H.
3-hole-door goto step 3A directly.
cylinder replacement
refer to 2A, 2G and 2H



Align dimples on rose with slots on spring cage and push in rose and turn clockwise.

2A: Turn key 75° clockwise, insert push pin into hole in outside lever to depress catch. Remove the outside lever, spring cage.

2B: Remove outside rose from outside spring cage.

2C: Place lock body into position. Make sure that latch prongs engage chassis housing, and slide engages latch tail.

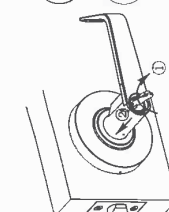
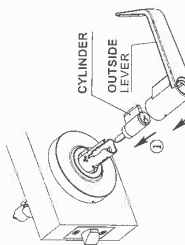
2D: Install inside mounting plate with two mounting screws.

2E: Install outside spring cage and lever, check rotation of lever.

2F: Disassemble outside lever then install outside rose.

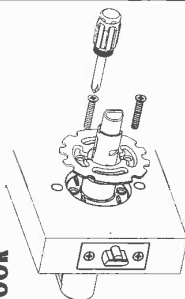
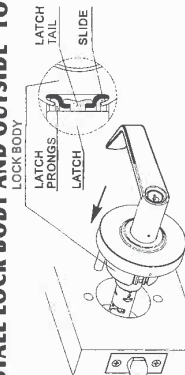
3

INSTALL LOCK BODY AND OUTSIDE TO DOOR



All special steps for one-hole-door are completed. Go to step 4A for subsequent installation steps.

Step 3A to 3B is for 3-hole-door installation. For one-hole-door skip 3A and 3B, goto step 4A.



2G: Install cylinder and lever.

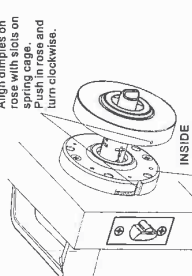
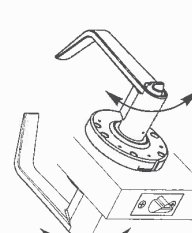
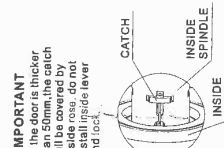
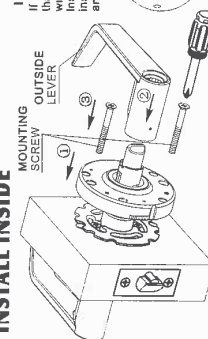
2H: Turn key 90° clockwise and push the lever into the maximum extent; rewind key.

3A: Place lock body into position. Make sure that latch prongs engage chassis housing, and slide engages latch tail.

3B: Install inside mounting plate with two mounting screws.

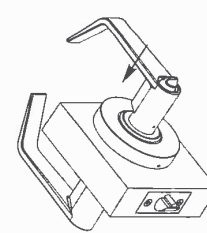
4

INSTALL INSIDE

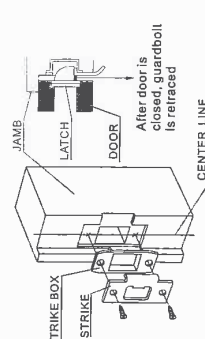


IMPORTANT
If the door is thicker than 50mm, the catch will be covered by the door. Do not install inside lever and lock.

Align dimples on rose with slots on spring cage and push in rose and turn clockwise.



5 INSTALL STRIKE



4A: Fix inside spring cage and inside lever for one-hole-door use 4 wood screws instead of 2 mounting screws).

4B: Check if the rotation is smooth. Adjust the radial clearance between inside spring cage and inside lever.

4C: Fix inside rose and make sure inside rose and inside spring cage are tightened.

4D: Slide lever onto spindle. Push lever completely into place. (Pull on lever to make sure that catch is fully engaged).



CORTLAND LOCKING LEVERSET DOOR TEMPLATE

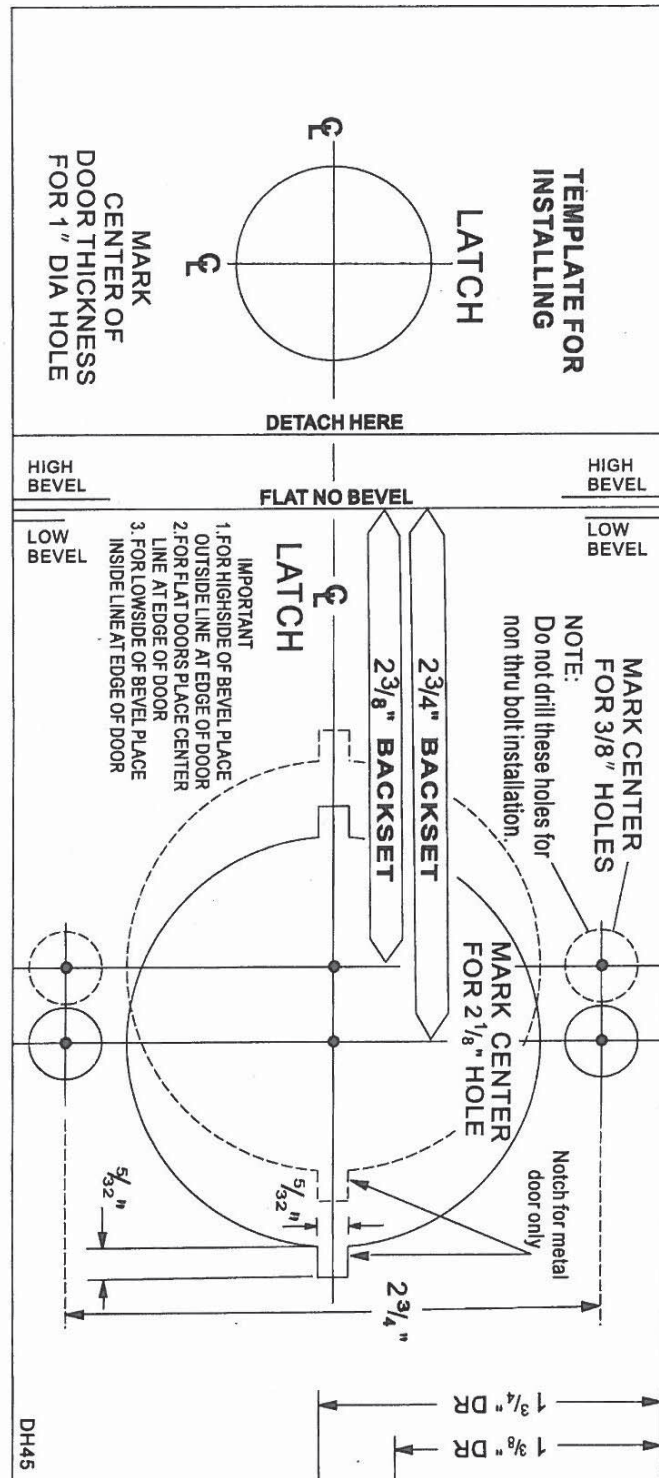
Installation Instructions

Cortland Locking Leverset Door Template

IMPORTANT:

Verify correct scale when
printing out template

Do **not** fit to page when printing.
Print at 100% scale.



TEMPLATE #

T-LC22/24/26 11/1/2012



FLEXA SWING GLASS DOOR PASSAGE LEVERSET

Installation Instructions

Installation Instructions: FLEXA - Passage Leverset for Swing Glass Doors

COMPLETE SCHEME

6410bSU

USAGE SCHEME

(NOTE: THE LOCK IS AMBIDEXTROUS)

6410bSU

FIG. 3

FIG. 4

1

MOUNT THE UNIT OF THE LOCK WITH GASKET AND THE INNER PLATE WITH GASKET ON THE GLASS DOOR FIXING THEM USING THE APPROPRIATE SCREWS (FIG. 3 AND FIG. 4)

2

PLACE THE CARTER FOR CYLINDER IN THE OVAL SEAT OF FIXING PLATE

3

BLOCK THE FIXING DOWELS OF THE GRO "CARTER FOR CYLINDER"

IN ORDER TO CENTER HELP YOURSELF USING ONE HANDLE

FIXING PLATE

4

APPLY THE COVER PLATE AND TIGHTEN

5

INSERT HANDLES AND BUSHINGS AND TIGHTEN THE SCREWS WITH FORCE SO THEY DO NOT PROTRUDE FROM THE HANDLE BODY

165



FLEXA SWING GLASS DOOR LEVERSET

Installation Instructions

Installation Instructions:

FLEXA - Lockset for Swing Glass Doors

XC-M-6411ASU	COMPLETE SCHEME	XC-M-6411ASU	XC-M-6411ASU
	1 DONNEL REMOVAL ON THE BASIS OF USAGE NOTE: THE LOCK IS EQUIPPED OF TWO DONNELS. REMOVE THE TOP DONNEL (FIG. 1 AND FIG. 2) IN ORDER TO REMOVE THE LOCK FROM THE GLASS DOOR. THE LOOP CRESCENT "A" AND PIN "B" ARE ORIENTED AS IN FIGURE COMPARED TO THE LATCH "C". PUSH TO LOCK POSITION SX FIG. 1 PUSH TO LOCK POSITION DX FIG. 2 FIG. 3 FIG. 4 2 MOUNT THE UNIT OF THE LOCK WITH GASKET AND THE INNER PLATE WITH GASKET ON THE GLASS DOOR FIXING THEM USING THE APPROPRIATE SCREWS (FIG. 3 AND FIG. 4)	3 INSERT THE CYLINDER IN THE INSTALLATION KEY IN 4 TURN THE KEY IN ORDER TO LET THE SMALL BLOCK GO IN 5 INSERT THE CYLINDER IN THE CARTER FOR CYLINDER 6 TURN THE MASTER KEY AND TAKE IT FROM THE CYLINDER OUT 7 PLACE THE CARTER FOR CYLINDER IN THE OVAL SEAT OF FIXING PLATE SO THAT THE HOLES OF CYLINDER ARE CENTERED WITH THE ROUND PINS. 8 BLOCK THE FIXING DOMELS OF THE GROUP "CARTER FOR CYLINDER" IN ORDER TO CENTER HELP YOURSELF USING ONE HANDLE ROUND PINS FIXING PLATE 9 INSERT THE HANDLES AND THEIR BUSHINGS AND THEN TURN EXACTLY THE DONNELS SO THAT THEY DO NOT BEAD OUT FROM THE HANDLE'S UNIT. 8 INSTALL THE COVER AND THEN, SCREW THE DONNEL OF THE COVER	CLOSING / OPENING FUNCTIONING INSERT THE KEY TURN THE KEY, 180° IN ORDER TO CLOSE THE DOOR PLACE THE KEY AGAIN AT 180° TAKE THE KEY OFF
USAGE SCHEME (NOTE: THE LOCK IS AMBIDEXTROUS)			



Glass Jobsite Information Form

Office Use Only

Glass Company _____

Scheduled Delivery Date _____

Work Order # _____

Please fill out this form for all glass deliveries. It is required to order the glass correctly and have it deliver in the most efficient manner to the correct location.

Customer: _____

Project Name: _____

Customer Contact Name and Phone# _____

Delivery Contact Name and Phone# _____

Complete Delivery Address _____

Please Deliver the Glass ☐ Loose

☐ Crated/Boxed

☐ Racked

There is offloading equipment on site

☐ Yes

☐ No

There are delivery height restriction on site

☐ Yes

☐ No

Special Instructions Regarding Offloading _____

The glass dimensions were provided using Nxtwall's Glass Measuring Guide

☐ Yes

☐ No

The glass dimensions are exact, order as provided

☐ Yes

☐ No

The glass dimensions are not exact, I will call Nxtwall to discuss

☐ Yes

☐ No

Additions Comments/Question/Instructions _____

[illegible]

169

		B																1/2					
		1/4								3/8								5/8				3/4	
		1/8		2/8		3/8		4/8		5/8		6/8		7/8		9/8		10/8					
A	A + B	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	13/16	14/16	15/16	1	1 1/8	1 1/4	1 1/2	1 3/4	2	
		1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/8	2 1/4	2 1/2	2 3/4
1/8	2/16	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/8	2 1/4	2 1/2	2 3/4	
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1/4	2/8																						
	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	
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	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	
	8/16	9/16	5/8	11/16	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	
1/2	2/4																						
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IMPERIAL / METRIC COVERSON CHART

inch	inch	mm
1/32	0.0312	0.794
1/16	0.0625	1.588
3/32	0.0938	2.383
1/8	0.1250	3.175
5/32	0.1563	3.970
3/16	0.1875	4.763
1/4	0.2500	6.350
5/16	0.3125	7.938
3/8	0.3750	9.525
7/16	0.4375	11.11
1/2	0.5000	12.70
9/16	0.5625	14.29
5/8	0.6250	15.88
11/16	0.6875	17.46
3/4	0.7500	19.05
7/8	0.8750	22.23
1	1.000	25.40
1 1/8	1.125	28.58
1 1/4	1.250	31.75
1 3/8	1.375	34.93
1 1/2	1.500	38.10
1 5/8	1.625	41.28
1 3/4	1.750	44.45

inch	inch	mm
1 7/8	1.875	47.63
2	2.000	50.80
2 1/4	2.250	57.15
2 3/8	2.375	60.33
2 1/2	2.500	63.50
2 5/8	2.625	66.68
2 3/4	2.750	69.85
2 7/8	2.875	73.03
3	3.000	76.20
3 1/4	3.250	82.55
3 1/2	3.500	88.90
3 3/4	3.750	95.25
4	4.000	101.60
4 1/4	4.250	107.95
4 1/2	4.500	114.30
4 3/4	4.750	120.65
5	5.000	127.00
5 1/4	5.250	133.35
5 1/2	5.500	139.70
5 3/4	5.750	146.05
6	6.000	152.40
6 1/4	6.250	158.75
6 1/2	6.500	165.10

inch	inch	mm
6 3/4	6.750	171.45
7	7.000	177.80
7 1/4	7.250	184.15
7 1/2	7.500	190.50
7 3/4	7.750	196.85
8	8.000	203.20
8 1/4	8.250	209.55
8 1/2	8.500	215.90
8 3/4	8.750	222.25
9	9.000	228.60
9 1/4	9.250	234.95
9 1/2	9.500	241.30
9 3/4	9.750	247.65
10	10.00	254.00
10 1/4	10.250	260.35
10 1/2	10.500	266.70
10 3/4	10.750	273.05
11	11.000	279.40
12	12.000	304.80
14	14.000	355.60
16	16.000	406.40
18	18.000	457.20
20	20.000	508.00

Fraction/Decimal

1/64	0.0156	17/64	0.265	33/64	0.5156	49/64	0.7656
1/32	0.0313	9/32	0.2812	17/32	0.5312	25/32	0.7812
3/64	0.0469	19/64	0.2969	35/64	0.5469	51/64	0.7969
1/16	0.0625	5/16	0.3125	9/16	0.5625	13/16	0.8125
5/64	0.0781	21/64	0.3281	37/64	0.5781	53/64	0.8281
3/32	0.0937	11/32	0.3437	19/32	0.5937	27/32	0.8437
7/64	0.1094	23/64	0.3594	39/64	0.6094	55/64	0.8594
1/8	0.1250	3/8	0.3750	5/8	0.6250	7/8	0.8750
9/64	0.1406	25/64	0.3906	41/64	0.6406	57/64	0.8906
5/32	0.1562	13/32	0.4062	21/32	0.6562	29/32	0.9062
11/64	0.1719	27/64	0.4219	43/64	0.6719	59/64	0.9219
3/16	0.1875	7/16	0.4375	11/16	0.6875	15/16	0.9375
13/64	0.2031	29/64	0.4531	45/64	0.7031	61/64	0.9531
7/32	0.2187	15/32	0.4687	23/32	0.7187	31/32	0.9687
15/64	0.2344	31/64	0.4844	47/64	0.7344	63/64	0.9844
1/4	0.250	1/2	0.5000	3/4	0.7500	1	1.0000

**For further questions regarding installation
of NxtWall's Flex or View Series
please contact:**

Ph: 269-488-2752

Email: info@nxtwall.com