



INVISIRAIL™
GLASS RAIL SYSTEM

INSTALLATION MANUAL

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PRE-INSTALLATION

TOOLS / SUPPLIES REQUIRED:

- Two (2) people are necessary to handle and install glass
- Tape measure
- Drill with assorted bits including a T-40 bit for deck fasteners and a 10mm hex socket if connecting to aluminum or wood posts
- Shims for fine height adjustment to help in pin alignment during glass installation
- Washers for flange base adjustment to ensure posts are plumb during installation
- Two (2) short pieces of 2"x4" or 4"x4" to support glass during installation
- Pipe cutter or saw with carbide-tipped metal cutting blade if installing stainless steel handrail or top rail



NOTE: There must be proper blocking in joists to secure posts!

BOLT CHART

Invisipost With connector on each side										
Spacer size	No spacer	3/8" S	1/2"	3/4"	7/8"	1"	1 1/8"S	1 1/4"S	1 3/8"S	1 1/2"S
No spacer	1.5	1.75	2	2.25	2.5	2.5	2.75	2.75	3	3
3/8" S	1.75	2.25	2.5	2.75	2.75	3	3	3.25	3.25	3.25
1/2"	2	2.5	2.5	2.75	2.75	3	3	3.25	3.5	3.5
3/4"S	2.25	2.75	2.75	3	3	3.25	3.25	3.5	3.5	3.75
7/8"S	2.25	2.75	3	3	3.25	3.25	3.5	3.5	3.75	3.75
1"S	2.5	3	3	3.25	3.25	3.5	3.5	3.75	3.75	4
1 1/8"S	2.5	3	3	3.25	3.5	3.5	3.75	3.75	4	4
1 1/4" S	2.75	3.25	3.25	3.5	3.5	3.75	3.75	4	4	4.25
1 3/8"S	3	2.25	3.5	3.5	3.75	3.75	4	4	4.25	4.25
1 1/2"S	3	3.25	3.5	3.75	3.75	4	4	4.25	4.25	4.5

Connector to Universal Angle Bracket	
Spacer Size	Bolt Size
No Spacer	0.5
3/8"	1
1/2"	1.25
3/4"	1.5
7/8"S	1.75
1"	1.75
1 1/8"	2
1 1/4"	2
1 3/8"	2.25
1 1/2"	2.25

InvisiPost - End Post	
Spacer Size	Bolt Size
No spacer	1
3/8"S	1.5
1/2"S	1.5
3/4"S	1.75
7/8"S	2
1"S	2
1 1/8"S	2.25
1 1/4"S	2.25
1 3/8"S	2.5
1 1/2"S	2.5

Visti Post - SS Connector	
End post	1.5 ST
Through Post	1.5 ST
Angle Add	1.5 ST
1/2" S or less	1.5 ST
More than 1/2"S	2.5 ST

Wood Post - SS Connector	
End Post	2.5 WS
Through Post	2.5 WS
Angle Add	2.5 WS
1/2" S or less	3.5
More than 1/2"S	3"/5"

POST INSTALLATION

Only install one panel section at a time.
With InvisiPosts you must slide the base cover onto post before attaching glass connectors.

DO NOT INSTALL POSTS BEFORE INSTALLING GLASS as minor adjustments may be needed to each post.

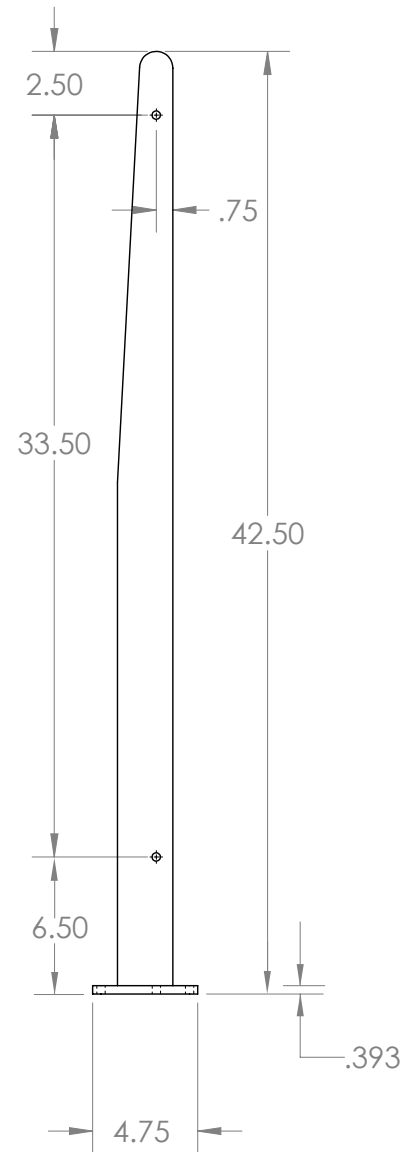
Start with the post indicated on the layout diagram sent with your order.

If necessary, use washer/s beneath the flange base to ensure your post is completely plumb.

Refer to the post positioning diagrams in the back of this manual that apply to your layout.

Set the next post according to the on-centre chart below and the glass panel indicated on your layout diagram.

Remember to include any spacer measurements where indicated.



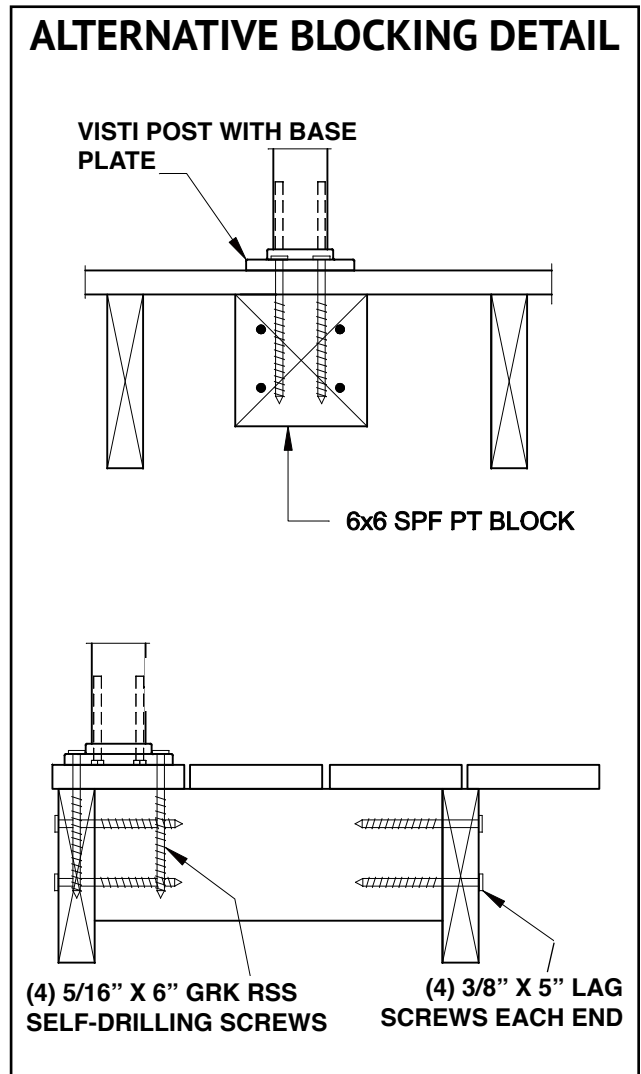
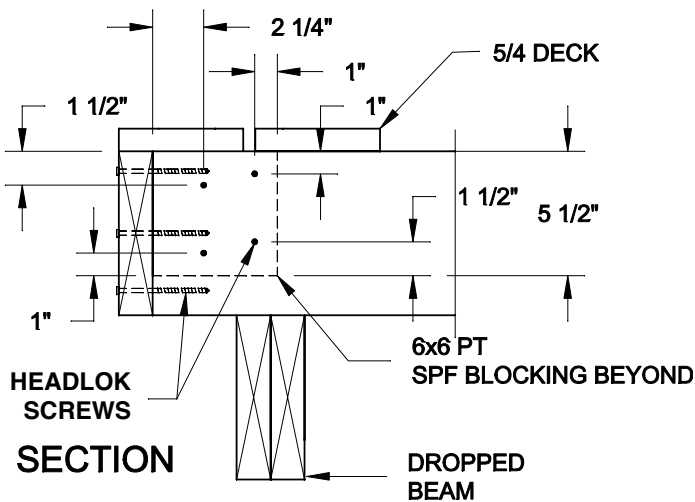
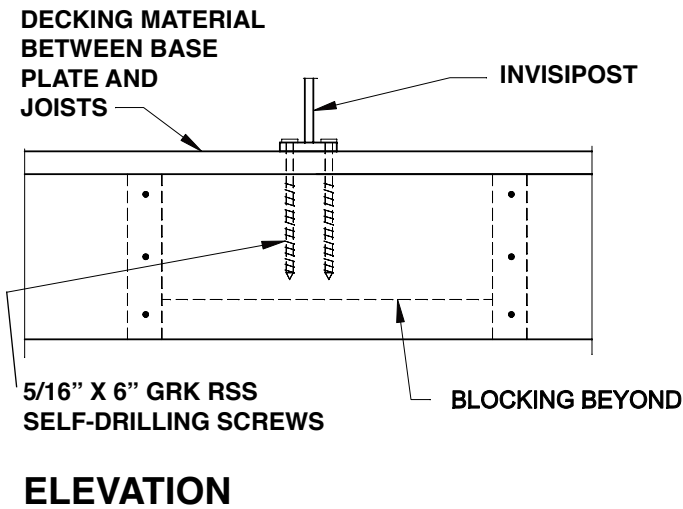
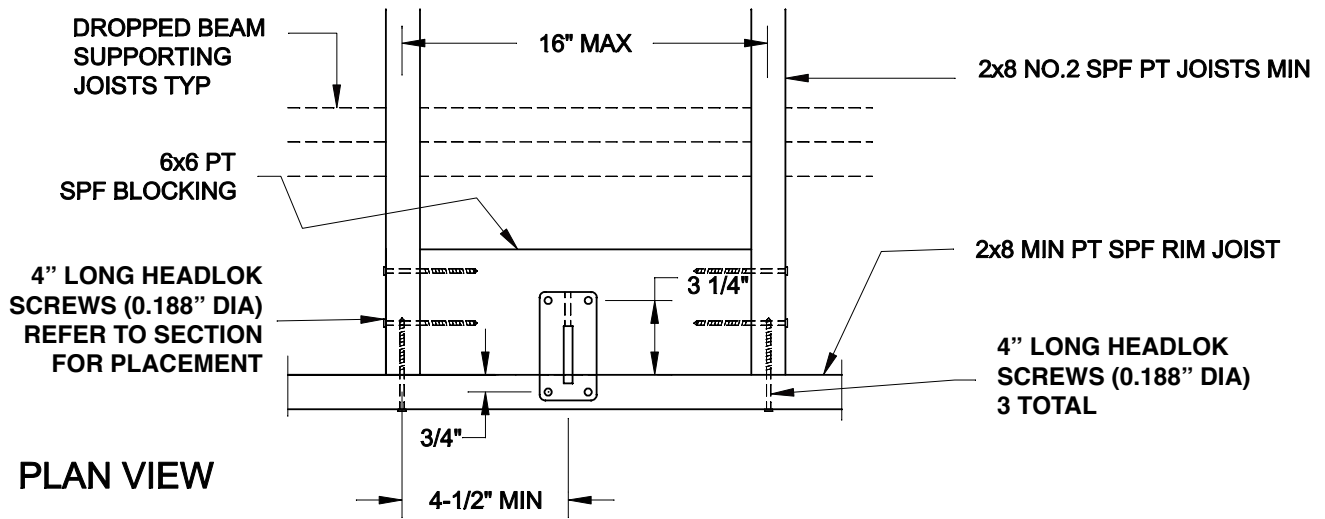
ON-CENTRE CHART

Glass panels are 38 3/4" tall to be used for a 42" rail height. Spans shown in the stainless steel (SS) connector chart assume that the 2mm backing plates are used with connectors.

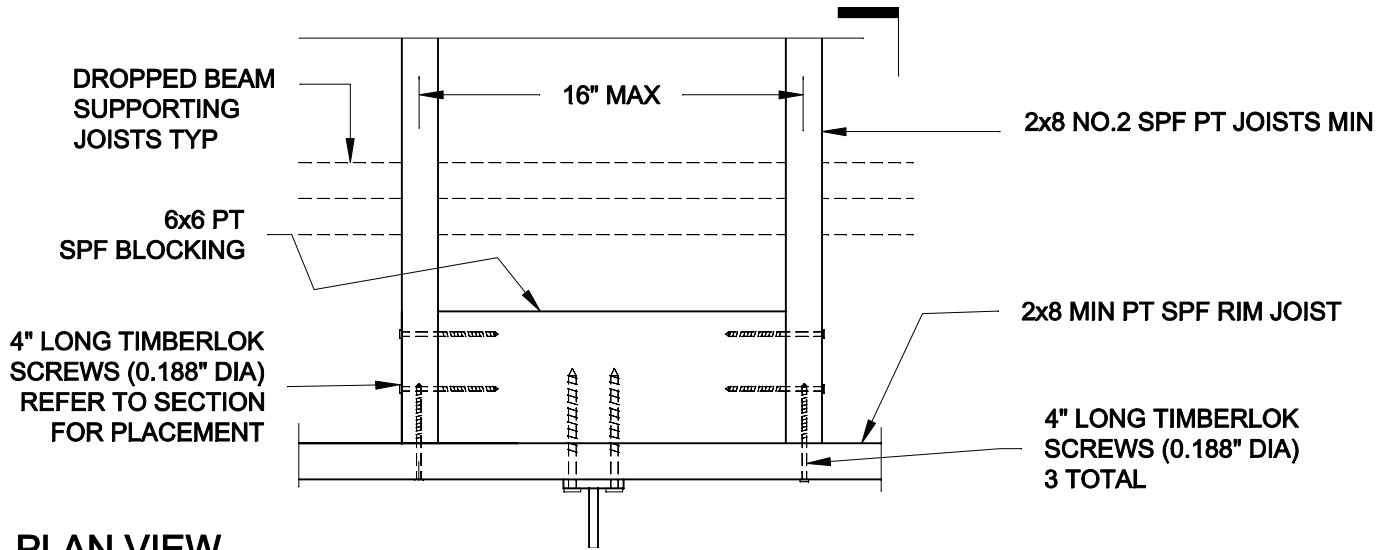
Sheet Name	Glass Size	inside to inside w/ SS connectors	o/c SS Invisi w/ SS connectors	o/c Painted Invisi w/ SS connectors	o/c Visti 2-1/4" w/ SS connectors	o/c ALX 2-1/2" w/ SS connectors
A	69.812	71 3/4	72	72		
B	67.865	69 3/4	70 1/16	70 1/8	72	
C	65.342	67 1/4	67 9/16	67 5/8	69 1/2	69 3/4
D	62.342	64 1/4	64 9/16	64 5/8	66 1/2	66 3/4
E	59.342	61 1/4	61 9/16	61 5/8	63 1/2	63 3/4
F	57.812	59 3/4	60 1/16	60 1/8	62	62 1/4
G	55.865	57 3/4	58 1/16	58 1/8	60	60 1/4
H	53.342	55 1/4	55 9/16	55 5/8	57 1/2	57 3/4
I	51.812	53 3/4	54 1/16	54 1/8	56	56 1/4
J	49.865	51 3/4	52 1/16	52 1/8	54	54 1/4
K	47.342	49 1/4	49 9/16	49 5/8	51 1/2	51 3/4
L	44.342	46 1/4	46 9/16	46 5/8	48 1/2	48 3/4
M	41.342	43 1/4	43 9/16	43 5/8	45 1/2	45 3/4
M2	38.342	40 1/4	40 9/16	40 5/8	42 1/2	42 3/4
N	35.342	37 1/4	37 9/16	37 5/8	39 1/2	39 3/4
N2	32.342	34 1/4	34 9/16	34 5/8	36 1/2	36 3/4
O	29.342	31 1/4	31 9/16	31 5/8	33 1/2	33 3/4
O2	26.342	28 1/4	28 9/16	28 5/8	30 1/2	30 3/4
P	23.342	25 1/4	25 9/16	25 5/8	27 1/2	27 3/4
P2	20.342	22 1/4	22 9/16	22 5/8	24 1/2	24 3/4
Q	17.342	19 1/4	19 9/16	19 5/8	21 1/2	21 3/4
Q2	14.342	16 1/4	16 9/16	16 5/8	18 1/2	18 3/4
R	11.342	13 1/4	13 9/16	13 5/8	15 1/2	15 3/4

Sheet Name	Glass Size	inside to inside Lite 10	o/c Visti 2-1/4" w/ Lite 10	o/c ALX 2-1/2" w/ Lite 10
A	69.812	70 1/2		
B	67.865	68 9/16	70 13/16	71 1/16
C	65.342	66	68 1/4	68 1/2
D	62.342	63	65 1/4	65 1/2
E	59.342	60	62 1/4	62 1/2
F	57.812	58 1/2	60 3/4	61
G	55.865	56 9/16	58 13/16	59 1/16
H	53.342	54	56 1/4	56 1/2
I	51.812	52 1/2	54 3/4	55
J	49.865	50 9/16	52 13/16	53 1/16
K	47.342	48	50 1/4	50 1/2
L	44.342	45	47 1/4	47 1/2
M	41.342	42	44 1/4	44 1/2
M2	38.342	39	41 1/4	41 1/2
N	35.342	36	38 1/4	38 1/2
N2	32.342	33	35 1/4	35 1/2
O	29.342	30	32 1/4	32 1/2
O2	26.342	27	29 1/4	29 1/2
P	23.342	24	26 1/4	26 1/2
P2	20.342	21	23 1/4	23 1/2
Q	17.342	18	20 1/4	20 1/2
Q2	14.342	15	17 1/4	17 1/2
R	11.342	12	14 1/4	14 1/2

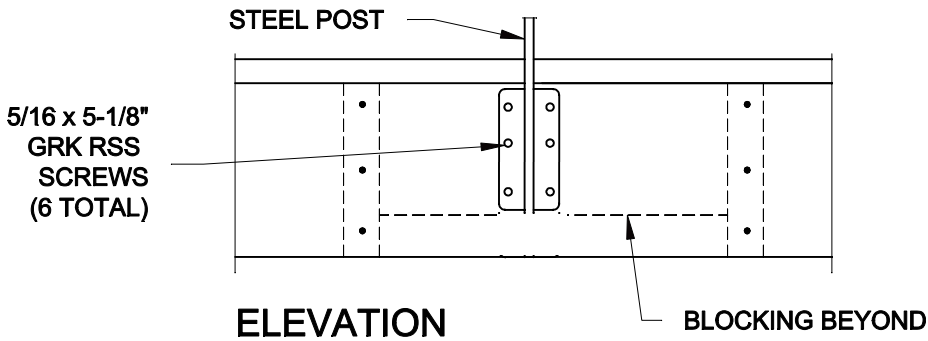
BLOCKING DETAIL



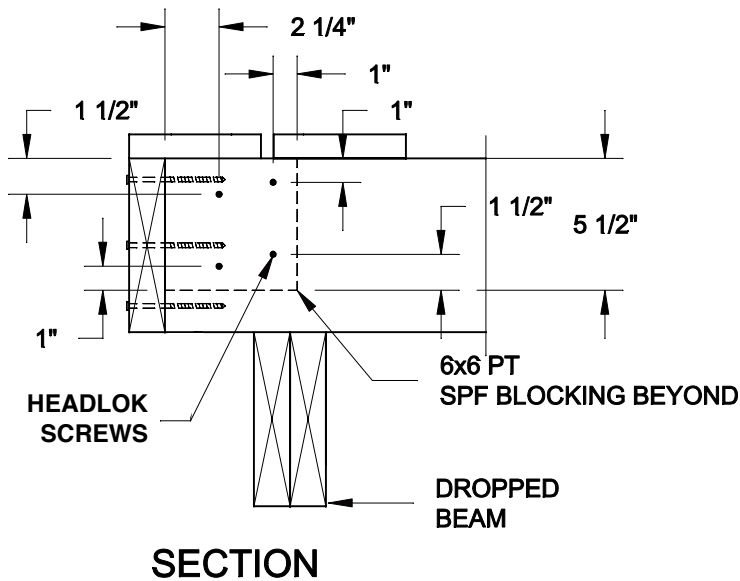
FASCIA MOUNT CONNECTION



PLAN VIEW



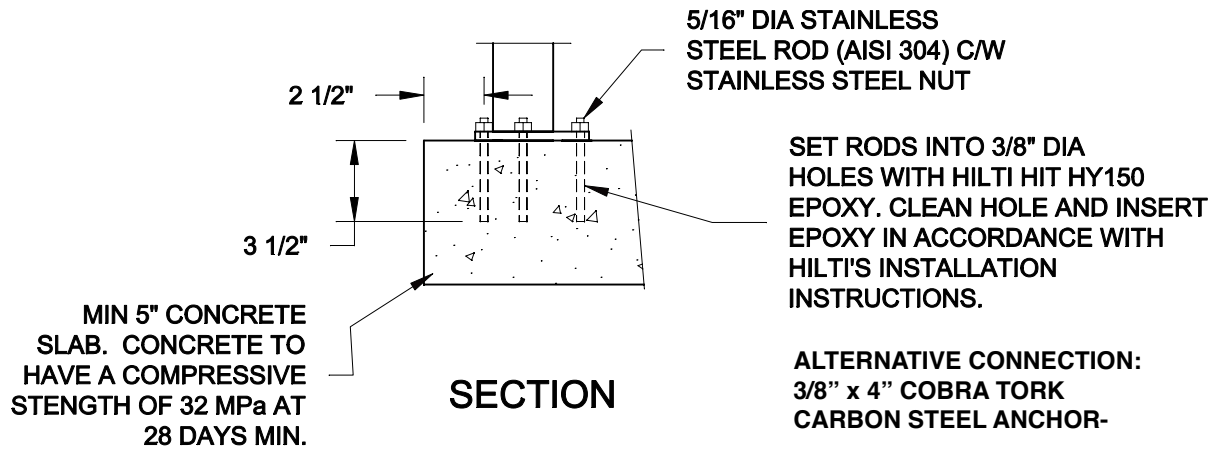
ELEVATION



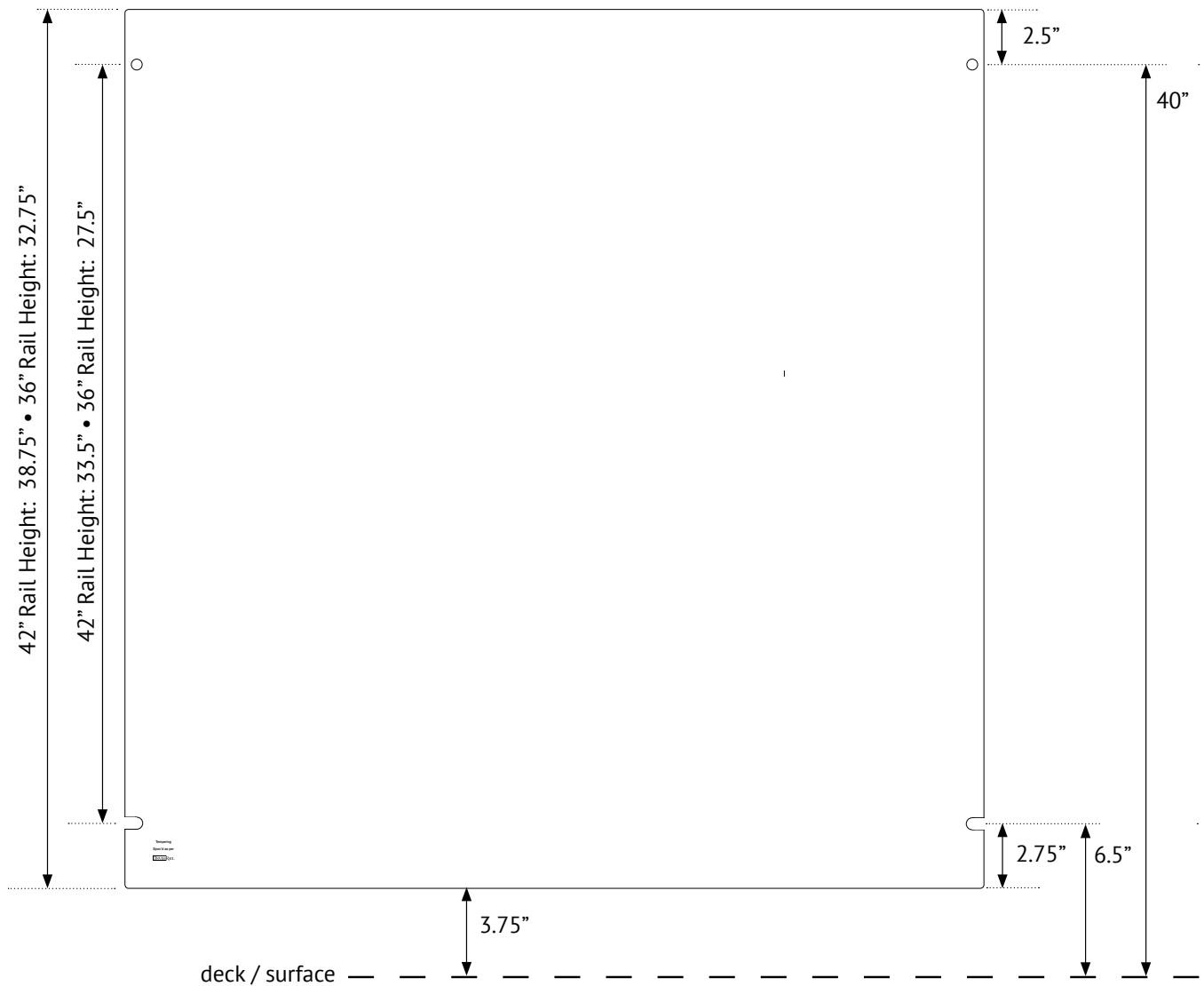
SECTION



CONCRETE CONNECTION



GLASS PANELS



SPACERS

Your post/panel layout diagram may indicate the requirement of spacers at certain locations.

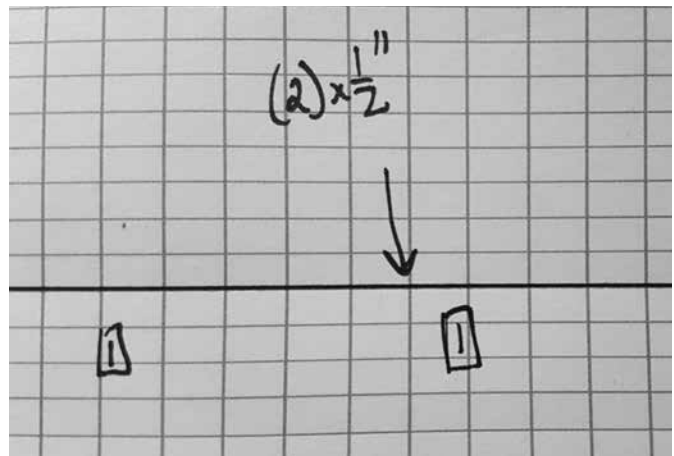
Spacers are used to make up small distances in the overall rail length in order for the railing to fit properly on the deck.

Shown at right is an example of how spacers are identified on a layout. Below it is a picture of how the spacer looks after installation.

InvisiRail spacers for stainless steel connectors come in 3/8" (10mm), 1/2" (13mm), 3/4" (19mm) and 1" (25mm) sizes.

Spacers for Lite 10 nylon connectors come in 1/4", 3/8", 1/2" and 3/4" sizes.

When referencing the on-centre chart to position your posts be sure to ADD the spacer dimension where indicated.



(2) x 1/2" indicates that one spacer must be installed behind the top connector and one behind the bottom connector.



STAINLESS STEEL HANDRAIL TOP MOUNT INSTALLATION

GENERAL INFORMATION

Handrail brackets are installed between posts and glass connectors / angle brackets, replacing the backing plates packaged with the connectors.

Refer to post detail drawings to determine the type of handrail bracket required with each post.

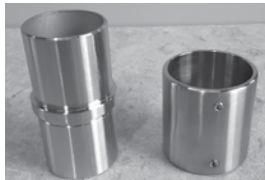
HANDRAIL PIPE INSTALLATION

Install appropriate left / right brackets on all intermediate and end posts and corner brackets on all corner posts.

Remove the 1" bolt from the pivot and use the provided 1 1/2" bolt to connect the pivot to the bracket.



Corner pivot



male / female joiners

Carefully measure to determine the lengths of handrail required and cut your pipe to length using a pipe cutter or saw with a carbide-tipped metal cutting blade.

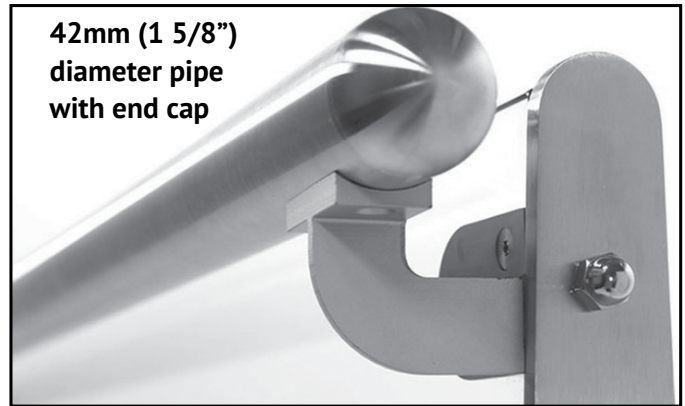
Joiners may be required for long spans requiring multiple lengths of pipe.

To maintain a seamless length with multiple pipe pieces use the "male" joiners at the un-cut pipe ends. Rough-cut pipe can be hidden with "female" joiners and/or in the "female" ends of the corner pivots.

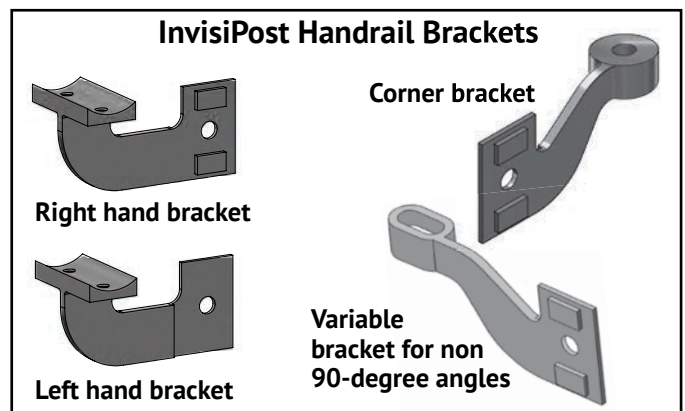
Pre-drill pilot holes and secure pipe to inline brackets with tapping screws. 5/32" cobalt-tipped drill bit and screws are provided.

Secure pipe to corner brackets using set screws located on the underside of the pivot.

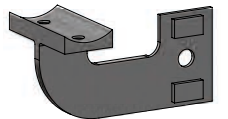
Fixtures (joiners, pivots or domed ends) may be further secured to the pipe using provided glue.



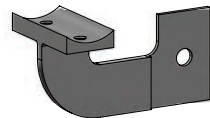
42mm (1 5/8") diameter pipe with end cap



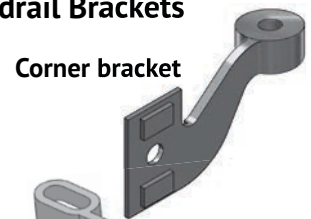
InvisiPost Handrail Brackets



Right hand bracket

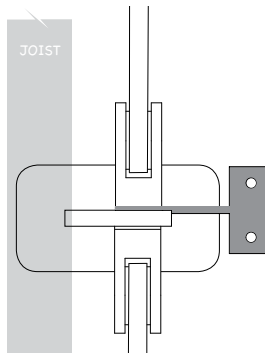


Left hand bracket

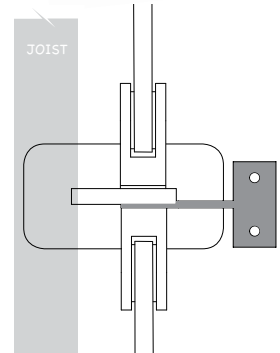


Corner bracket

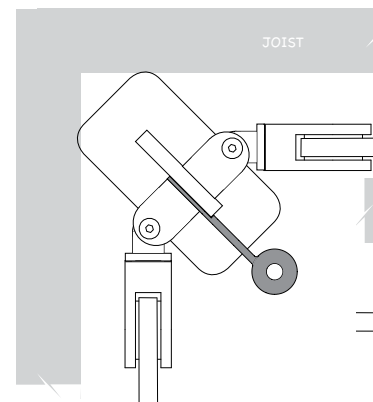
Variable bracket for non 90-degree angles



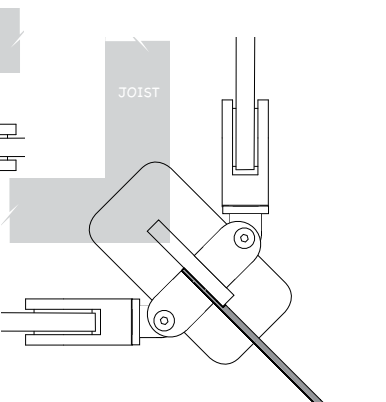
Use right hand bracket for middle post or left end post



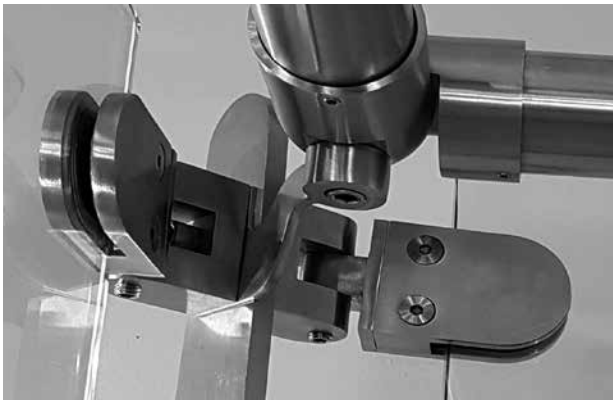
Use left hand bracket for middle post or right end post



Use short corner bracket for outside 90-degree corners



Use long corner bracket for inside 90-degree corners



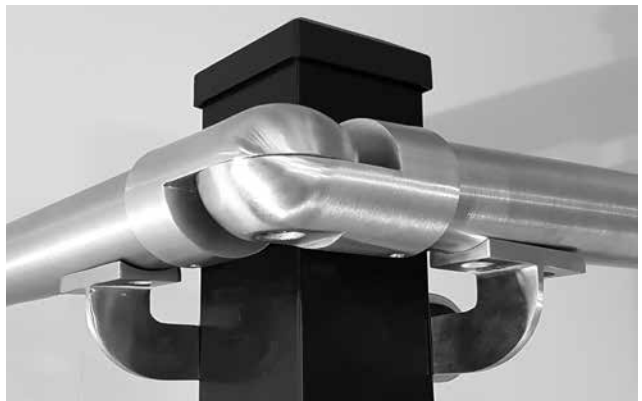
InvisiPost with short corner bracket and pivot on outside 90-degree corner



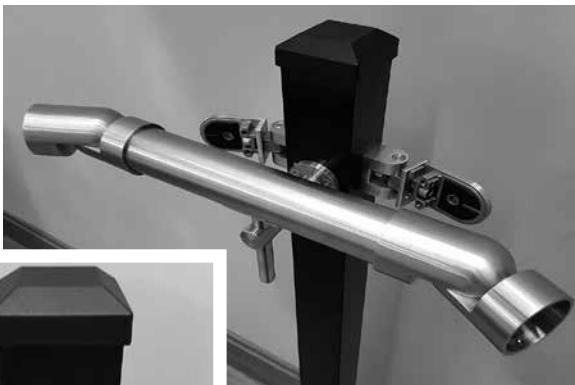
InvisiPost with long corner bracket and pivot on inside 90-degree corner



Square post with ALX corner bracket and pivot on outside 90-degree corner



Square post with ALX left and right brackets and pivot on inside 90-degree corner



Square posts on non 90-degree split angles can use left/right top rail brackets (shown at left) or a flange-mount handrail bracket (shown above)



Transitioning from top rail to stair rail is accomplished with two pivots connected with a male joiner or short piece of rail pipe. Optionally, you may terminate the top rail with an end cap then install separate stair rail at the desired height.

NO representation is given that your particular application of these products complies with relevant building codes. All products installed without a top rail DO NOT comply with the USA IRC test report provided by Intertek. Therefore, consult with professionals AND local building officials before starting to ensure compliance in your area. The consumer or contractor should take all necessary steps to ensure the safety of all involved in installation of the project, including, but not limited to use of safety glasses, work gloves and safety shoes. NO member of Liv Building Products, or Invisirail shall be liable for any loss, damage or personal injury due to the improper installation of products, or failure to use all items as per the USA-IRC test report. IN the unlikely event of any loss, damage or injury, the total aggregate liabilities will be limited to the retail purchase price of the products.

TOP RAIL BRACKETS FOR PRESSURE-TREATED, CEDAR OR COMPOSITE BOARD

GENERAL INFORMATION

Top rail brackets are installed between posts and glass connectors or angle brackets, replacing the backing plates packaged with your stainless steel glass connectors.

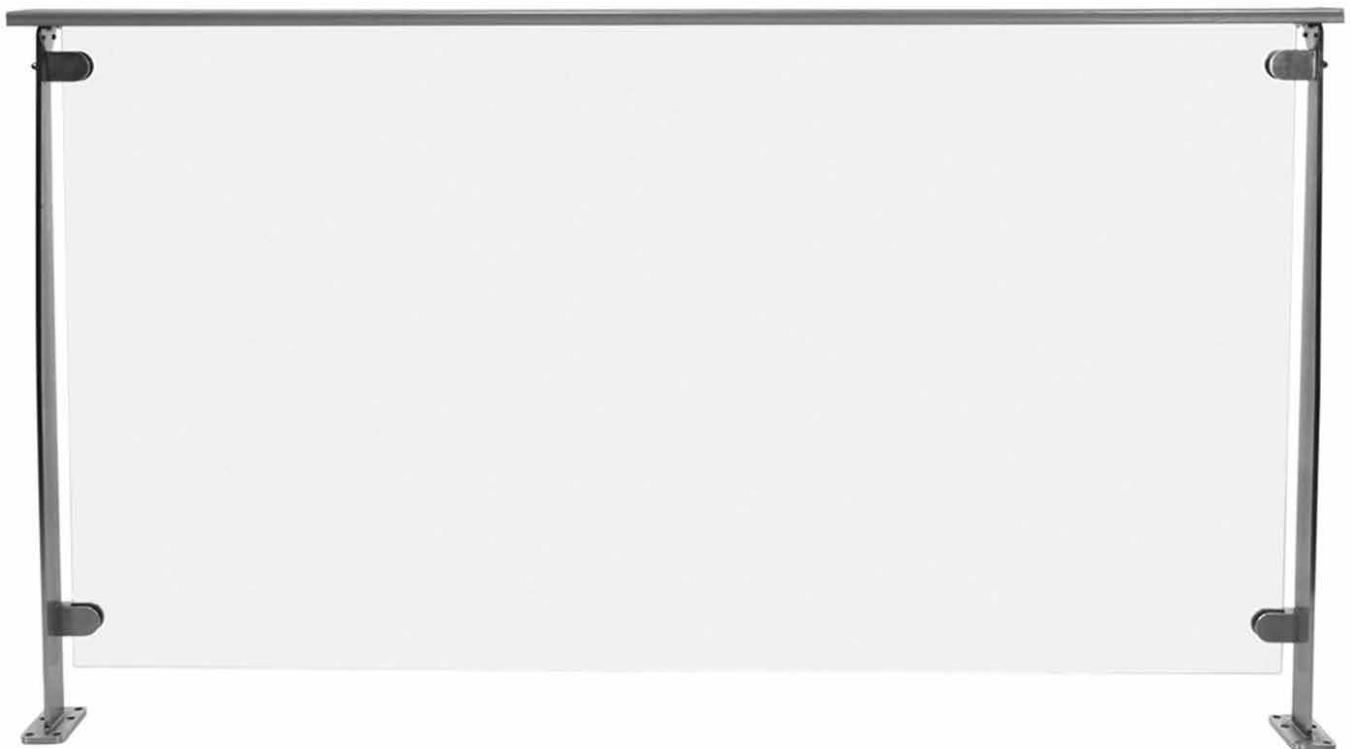


BRACKET INSTALLATION

Install one bracket on every mid and end post and two brackets on all posts at corners or angles.

Carefully measure to determine the lengths of top rail required and cut your boards to length.

Corners and angles will require top rail boards to be cut and secured at split angles.



STAINLESS STEEL GLASS CONNECTOR INSTALLATION

GENERAL INFORMATION

Only install the outer half of connectors to posts. The remaining half gets installed with glass panel.

Glass panels come with two top holes and two bottom notches. Four connector pins should be installed to secure glass to posts (minimum 1 per side must be used.)

Each connector uses a 2mm (1/16") backing plate.



connector pin



Disassemble prior to installation

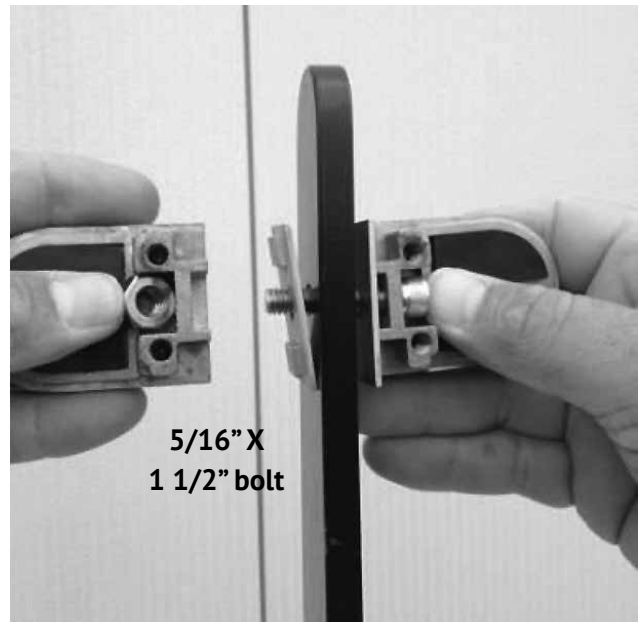
InvisiPost: Connector to Connector

Top bracket to be installed in predrilled hole 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

Use the Bolt Chart to determine the size you need for the application. Refer to your post layout diagram to see if you must add spacers.

Put the bolt through the connector, backing plate (provided in connector packs), post, backing plate and connector. Thread the bolt through the nut on the other side of the connector.

Make sure that connectors are perfectly vertical!

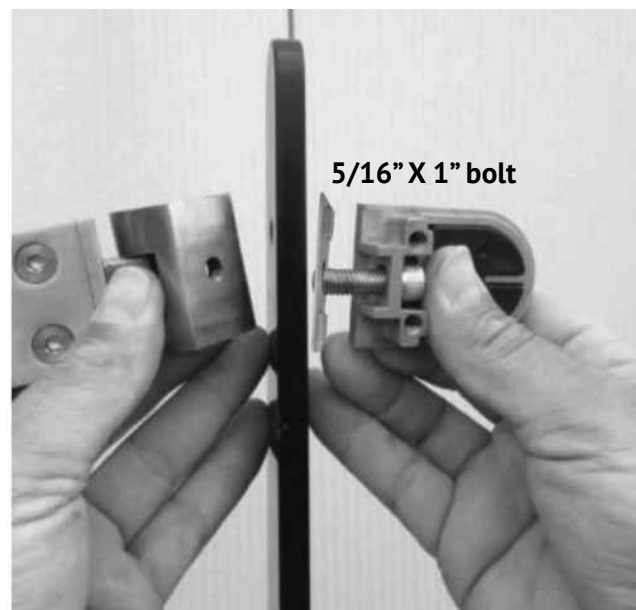


5/16" X
1 1/2" bolt

InvisiPost: Connector to Universal Angle Bracket

Top bracket to be installed in predrilled hole 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

Use the Bolt Chart to determine the size you need for the application. Refer to your post layout diagram to see if you must add spacers.



5/16" X 1" bolt

Put the bolt through the connector, backing plate (provided in connector packs), post and thread into Universal Angle Bracket on the other side.

InvisiPost: Universal Angle Bracket to Universal Angle Bracket

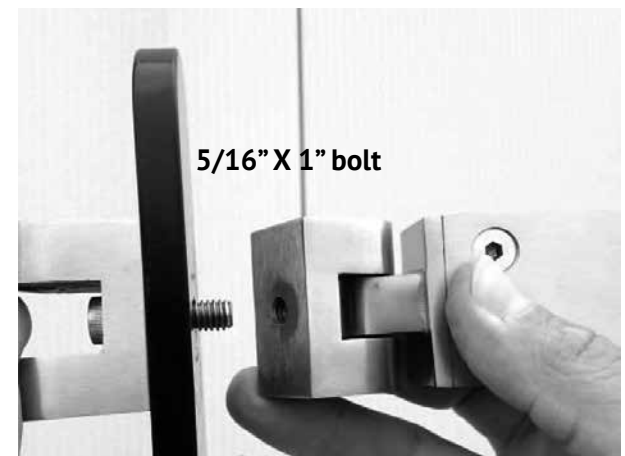
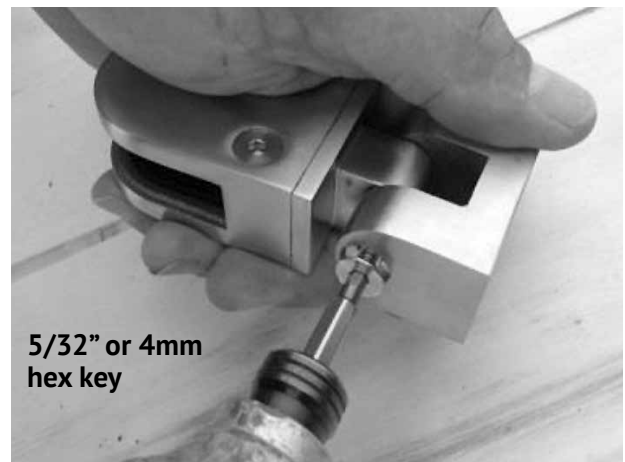
Disassemble the brackets by taking out the locking pin and hinge screw.

Make sure you have both a threaded and a non-threaded Universal Angle Bracket.

Top bracket to be installed in predrilled hole 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

Use the Bolt Chart to determine the size you need for the application. Refer to your post layout diagram to see if you must add spacers.

Put the bolt through the non-threaded bracket, post and thread into Universal Angle Bracket on the other side.

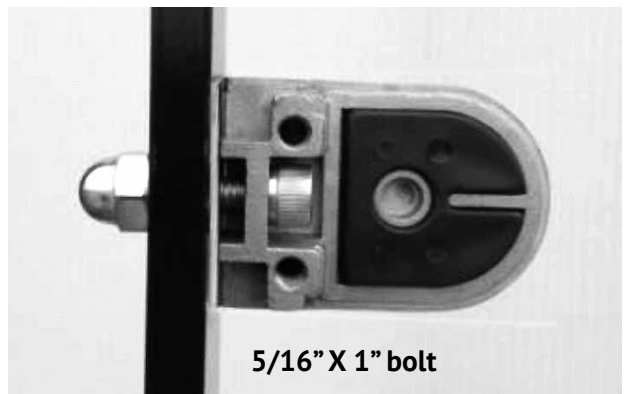


InvisiPost: End post with Connector

Top bracket to be installed in predrilled hole 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

Use the Bolt Chart to determine the size you need for the application. Refer to your post layout diagram to see if you must add spacers.

Put the bolt through the connector, backing plate, post and into the acorn nut provided.



InvisiPost: End post with Universal Angle Bracket (UAB)

Top bracket to be installed in predrilled hole 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

Connector to UAB: Thread a 5/16" X 1/2" bolt through the connector into the swivel portion of the bracket until tight.



Re-assemble bracket using 5/32" or 4mm hex key

UAB to Post: Thread a 5/16" X 1" bolt through bracket, post and into the acorn nut provided.

VISTI OR ALX (ALUMINUM) POST AND WOOD POST CONNECTOR INSTALLATION

If using VISTI or ALX posts, 4" x 4" wood posts, or 6" x 6" wood posts, refer to the INVISIRAIL BOLT CHART. Check your post layout diagram to see if you must add spacers.

Straight-Run Connector

Top bracket to be installed 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

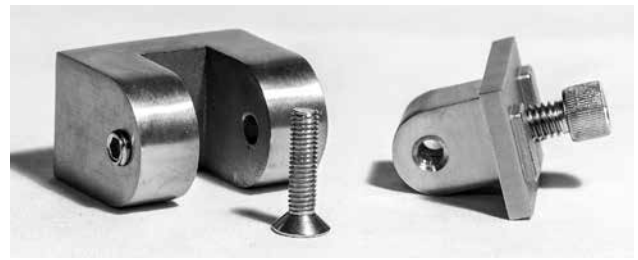


Use InvisiRail Template (shown on p.16) to locate exactly where connectors should go.

Use hardware provided to attach connector to post (stainless self-tapping lags for aluminum posts or wood screws for wood posts.)



Do not over-tighten lags, causing stripping.



Universal Angle Bracket

Disassemble the brackets by taking out the locking pin and hinge screw.

Top bracket to be installed 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.)

Use InvisiRail Template to locate exactly where connectors should go.

Use hardware provided to attach Universal Angle Bracket to post (stainless self-tapping lags for Vista/ALX/aluminum posts or wood screws for wood posts.)

Once the hinge is fastened to the post, reassemble bracket and attach glass connector.



LITE 10 NYLON GLASS CONNECTOR INSTALLATION

Lite 10 connectors are for use with Visti, ALX posts (aluminum), wood posts or any solid flat surface EXCEPT InvisiPosts. They are not designed for use with InvisiPosts.

Top bracket to be installed 40 inches O/C above deck surface for 42 inch rail height (34 inches for 36 inch rail height.) Use InvisiRail Template to locate exactly where connectors should go.

Disassemble the top connector by backing out the nylon retaining pin and sliding off the splined portion.

Use hardware provided to attach connector to post (stainless self-tapping screws for Visti / ALX / aluminum posts or wood screws for wood posts.) *Do not over-tighten tapping screws, causing stripping.*

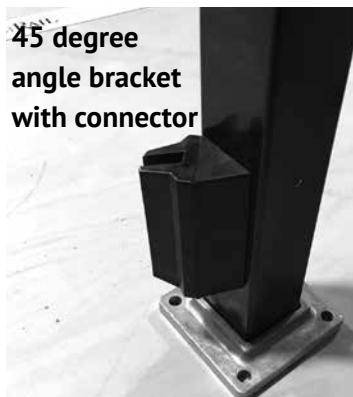
Ensure connectors are as parallel as possible to the edge of the post.

Install the open side of the top connector facing towards deck for easier glass installation.

Lite 10 Angle Bracket

Mark the bottom edge location of both top and bottom connectors. Bottom mark should be 3 1/4" above flange base. Top mark should be 38 15/16" above flange base.

Fasten the 45 degree bracket to the post with the mark at the bottom of the bracket.



Using #8 x 1" wood screws (not included) attach- the Lite 10 connector to the angle bracket.

Template for positioning connectors on VISTI or ALX posts, square aluminum or wood posts



For wood posts flip template upside down and place at base of post on deck surface.



GLASS PANEL INSTALLATION

Stainless Steel Connectors

Use two short pieces of 2X4's or 4X4's, sitting on edge of the deck between the posts, to support the glass panels while installing.

Door shims help with fine height adjustments. Connector pins need to be aligned with holes/notches in the glass.

Locate correct glass panel to be installed (all panels are labeled.)

Carefully pick up panel and set into position with notches in glass at the bottom.

Fasten top connectors first. Place pin through glass and slide remaining connector half into position. If required, shim panel until pin is positioned horizontally, aiding in alignment of connector halves.

Tighten screws enough to hold connectors together but not squeeze tightly on glass.

Once completed, check that all connectors are parallel to each other and tighten screws completely.



If the connector halves do not slide easily onto installed sections, confirm that the connector has not been over tightened - this would cause misalignment of the two halves.

The back half of connector must be completely flush with the front half to ensure the pin is in the holes in both halves of the connector.

Once the pin is perfectly aligned, completely tighten screws.

Lite 10 Nylon Connectors

Locate correct glass panel to be installed (all panels are labeled.)

Carefully pick up panel and set into position above bottom connectors (*notches in glass should be at the bottom*) and push glass down into connector until it bottoms.

Take top connector half and slide it into position, then screw pin back in.

IF pin does not screw in easily make sure there are no alignment issues. Possible sources of error are: out of plumb posts, posts not set at correct dimension, deck surface not level, connectors not located correctly.



TEMPLATING FOR CUSTOM STAIR GLASS

Stair glass for InvisiRail is always custom cut and takes 3-4 weeks for production. Each piece of stair glass will require a template. Please ensure accuracy as your glass will be made to the exact size/shape of your template.

Cardboard sheets are typically provided with orders for templating purposes. Alternatively, you can use hardboard (ie. Masonite or similar) or plywood for templating.

Helpful tools for templating:

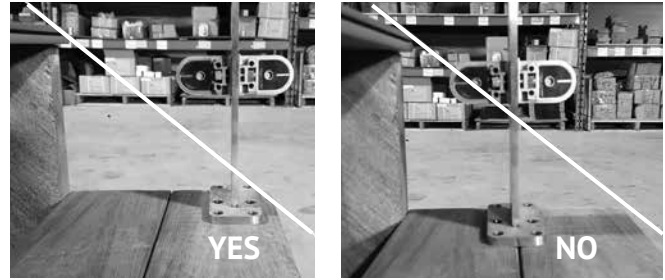
- Box cutter / knife to cut cardboard OR saw to cut hardboard or plywood
- Firm straight edge (i.e. drywall square) ... the longer the better
- Pen and/or sharpie
- Bubble level (to ensure posts are plumb)
- Clamps to hold template material onto posts/connectors
- 1/2" drill bit to drill out holes in template for connector pins (if using hardboard or plywood)
- String line to help align the top/bottom edge of multiple panels down a long staircase

STEP 1 - Install posts & connectors. Refer to layout drawing to confirm post configuration at top of stairs, ensuring posts are plumb and are no more than 60" O/C (horizontally) apart.

Posts should be installed to allow for (near) equal sections of glass, or whatever configuration is most aesthetically pleasing.

For square posts (without predrilled holes for connectors), install the connectors in similar positions to the posts used for the main deck. It is alright if small changes need to be made to these positions, as the holes & notches in the glass will be positioned where you indicate.

Do not install too close to risers, but go as close to step nosing as you can. As shown below, the connector at left is clear of the stair nosing (white line). Positioning the post too close to the riser will not allow the bottom edge of the glass to be parallel to stair nosing line.



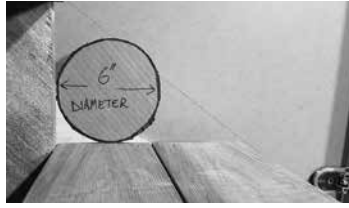
STEP 2 - Clamp or hold template material in behind connectors, posts. It may be helpful to rest the bottom edge of the template material on stair nosing. Trace a line indicating the inside post edge. Trim template to fit between posts.



STEP 3 - Using a straight edge draw a line connecting tops of posts. This will represent the top edge of the glass. Next, draw a line for the bottom edge of glass. If the bottom edge



of the template is resting on the nosing, draw a line parallel to nosing so that bottom edge of glass will sit above stair nosing. You should ensure that the bottom edge of the glass will meet code and not allow a 6" diameter ball to fit through the opening.



STEP 4 - Trace connector positions onto template then trim top and bottom. The back edge of the rubber pads is roughly



where the edge of the glass will be. If you wish, you can trim the sides of the template so that the material represents the exact shape & size of the glass panel. This way the template can be installed as if it were the panel.

Indicate on cardboard the top/bottom edges of glass if not done so already.

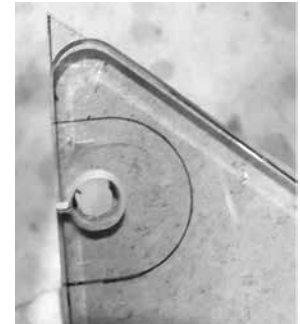
STEP 5 - If handrail will be installed with the glass mounted handrail brackets, please indicate where those holes for the brackets should be. Refer to handrail brackets if sent with initial shipment.



Typically, holes are located approx. 6" down from top edge of glass. Ensure location will allow for handrail to be installed at a height that passes local building code.

If there are multiple stair panels down the staircase, please indicate where the templates are located on the stairs (eg. upper panel, middle panel, lower panel, etc.)

Custom glass panels will be made to the exact specifications of the template(s), except that corners are made with a 1/2" radius to avoid sharp edges and some holes or notches may be omitted from panel. Every panel should have at least two details (hole or notch).



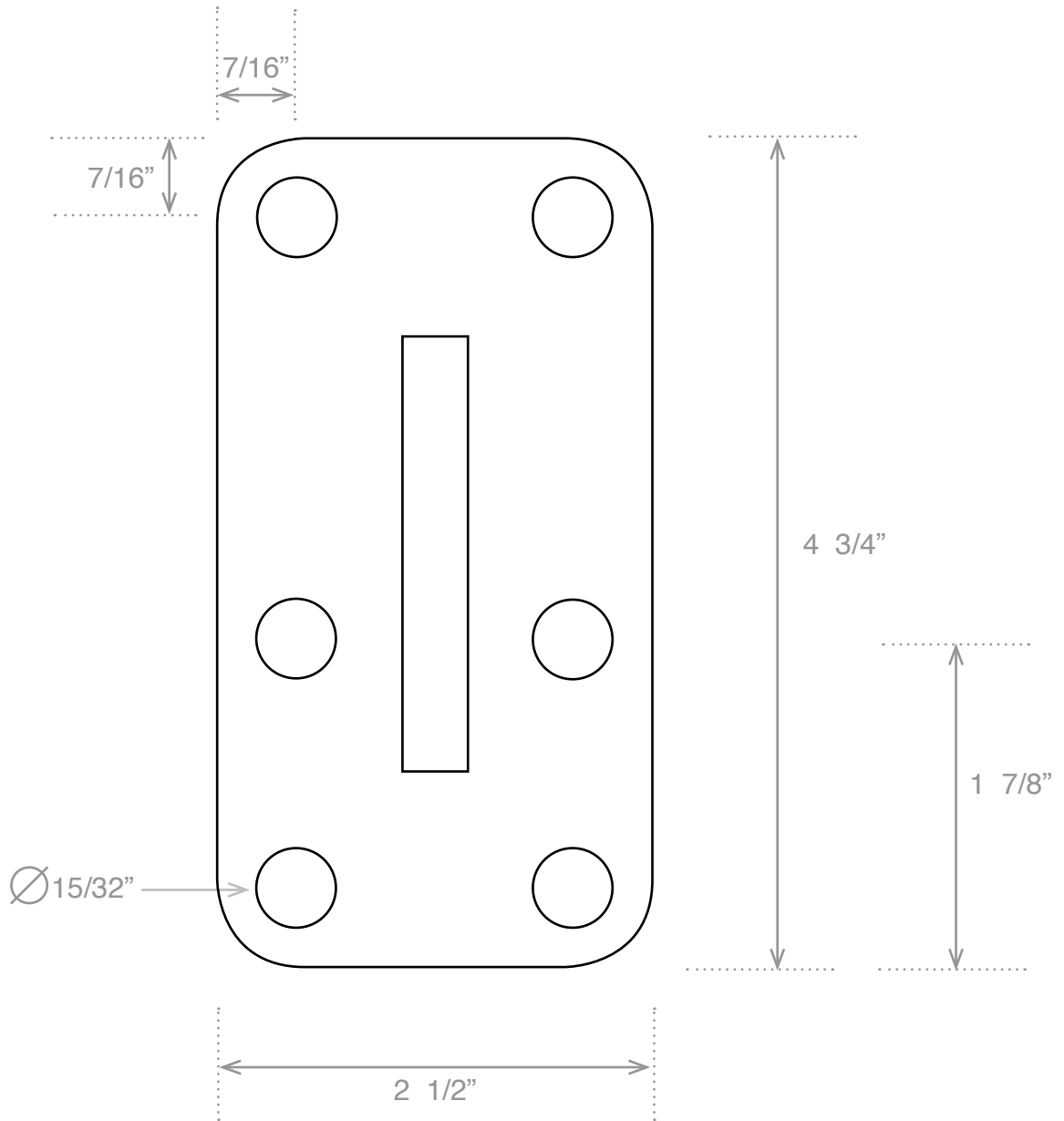
Please ensure that templates are not damaged, warped etc. before being sent to InvisiRail. Try to minimize the number of bends in the template if possible.

If, for whatever reason, there are errors or potential issues with the templates provided (i.e. severely warped, curved edges, lack of info., etc.) InvisiRail will notify you and may request new templates to be sent.

Please write the following information on your template/s:

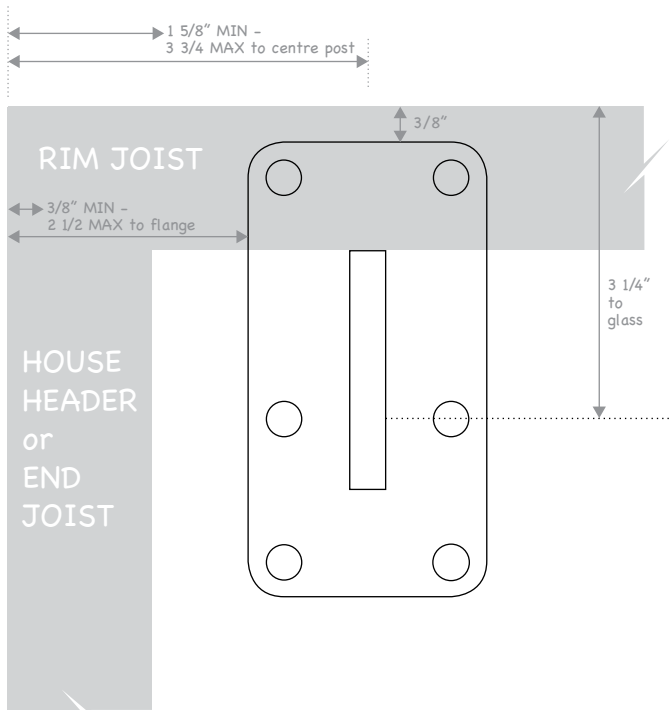
- Store name where initial InvisiRail order was purchased
- PO number/sales order number if applicable
- Date templates were made and/or sent out
- Contact info. for creator of templates (name, phone number, email if applicable)
- Panel identification (i.e. upper panel 1 of 2, lower panel 2 of 2, etc.)

From the time the templates are received by InvisiRail, it typically takes 3-4 weeks until the custom panels are completed and ready to ship. Templates will be double checked against the custom panel and sent with the glass.

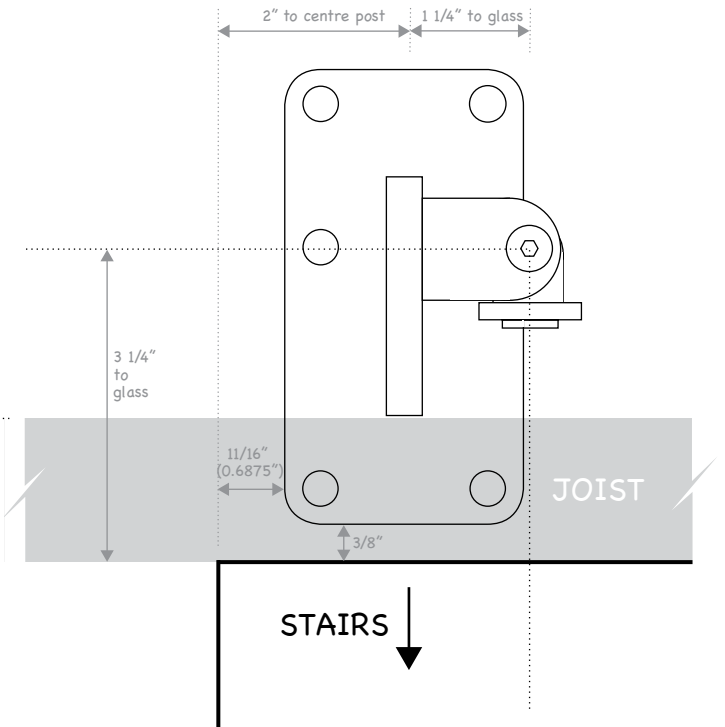


InvisiPost flange base scale 1:1

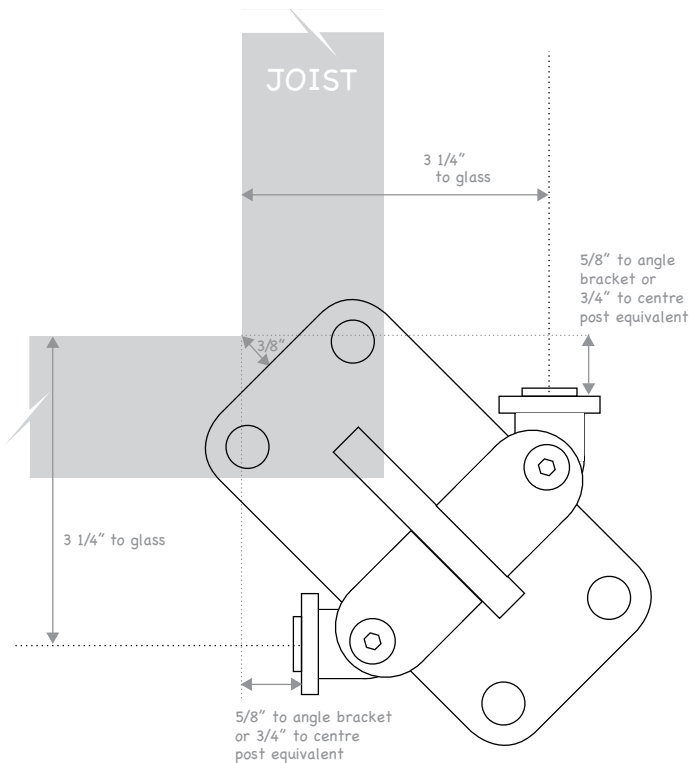
INVISIPOST POSITIONING DETAIL DIAGRAMS



InvisiPost at house or end of run

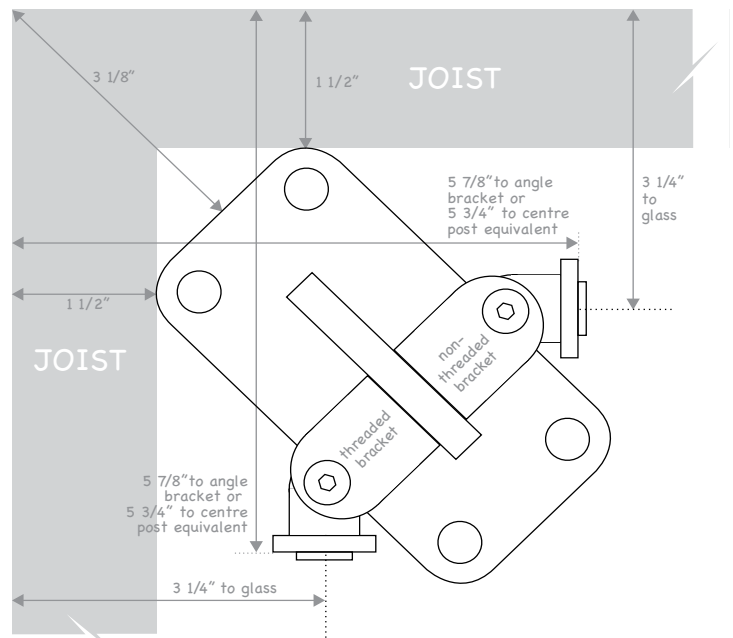


InvisiPost -- beside stairs



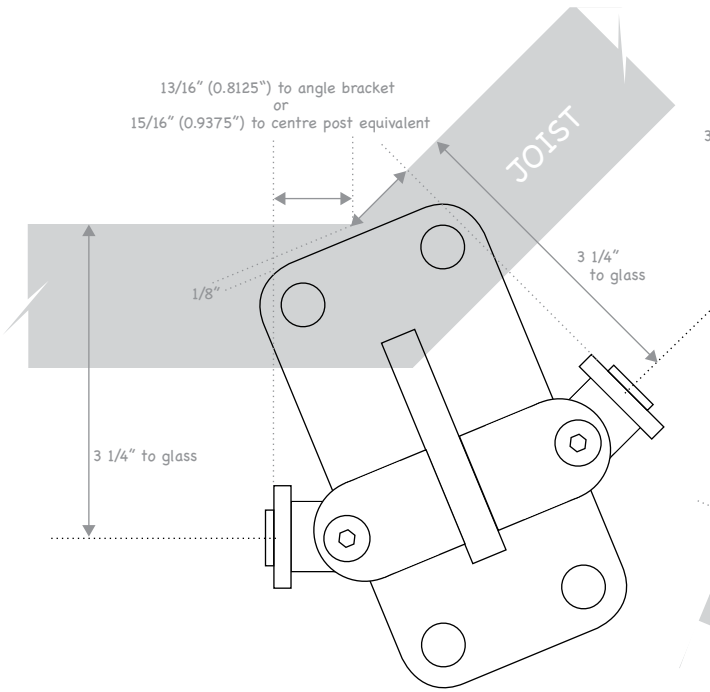
InvisiPost -- inside 90° split

w/ Universal Angle brackets

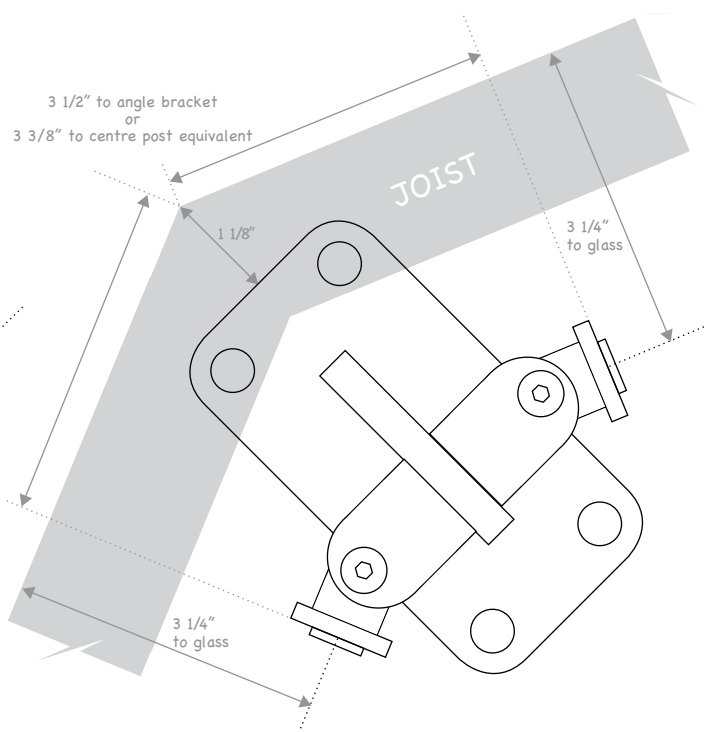


InvisiPost -- outside 90° split

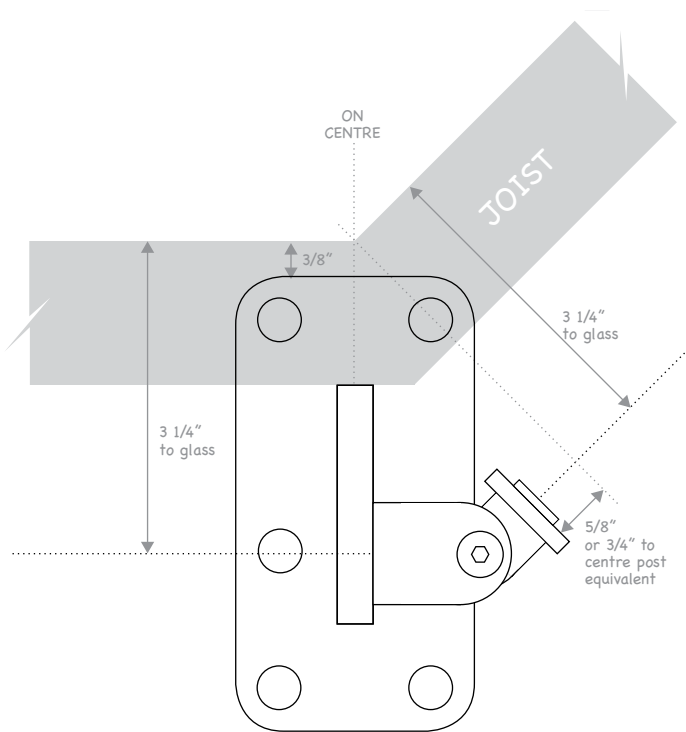
w/ Universal Angle Brackets



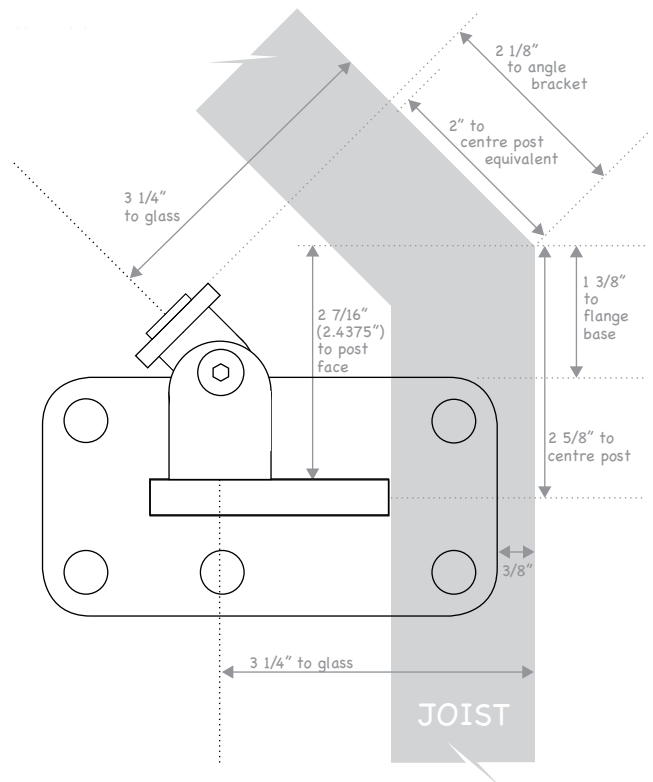
InvisiPost -- inside 45° split
w/ Universal Angle brackets



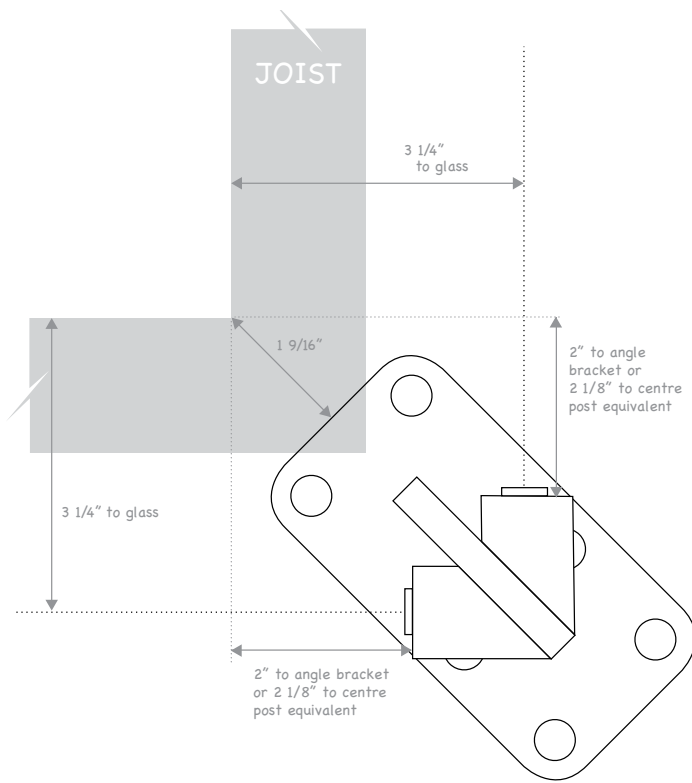
InvisiPost -- outside 45° split
w/ Universal Angle bracket



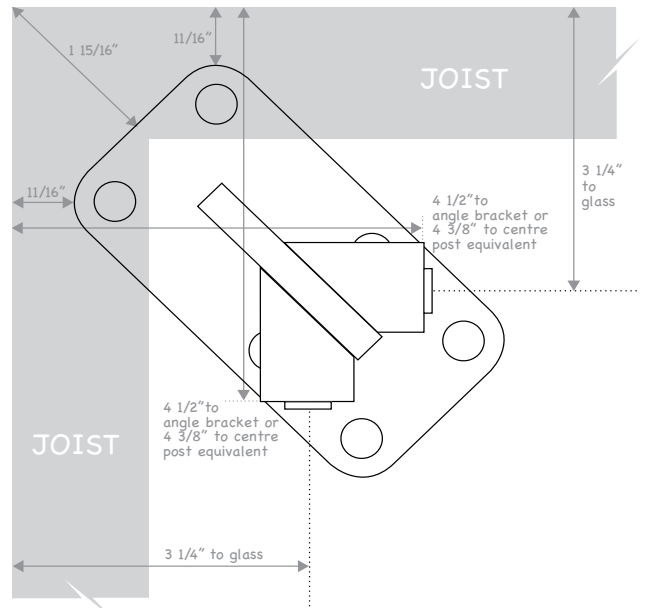
InvisiPost -- inside 45°
w/ Universal Angle bracket



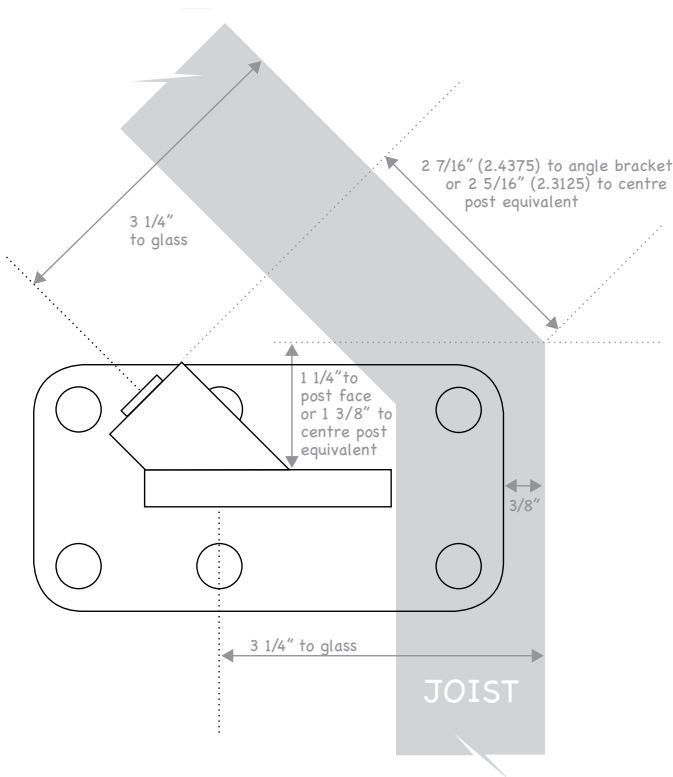
InvisiPost -- outside 45°
w/ Universal Angle bracket



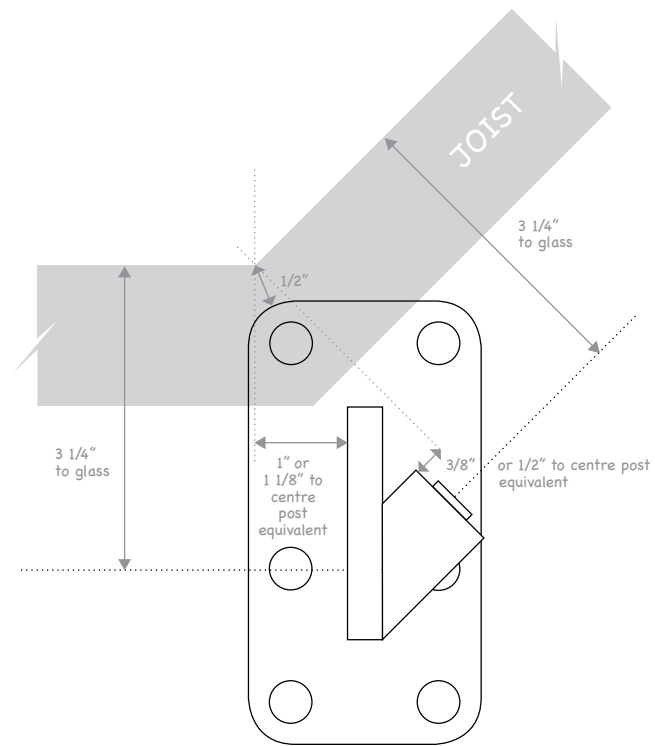
InvisiPost -- inside 90° split
w/ 45-degree brackets



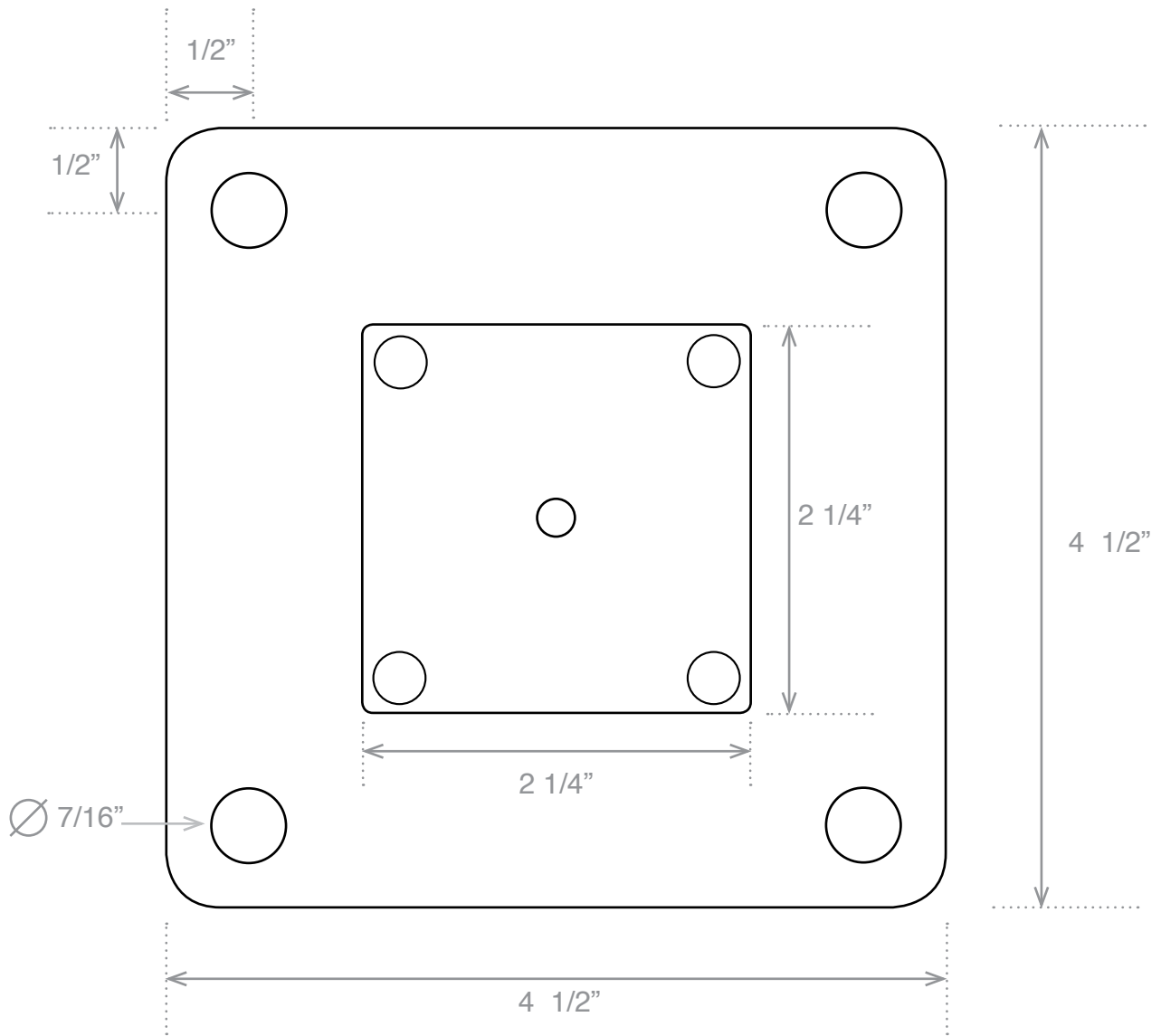
InvisiPost -- outside 90° split
w/ 45-degree brackets



InvisiPost -- outside 45°
w/ 45-degree bracket



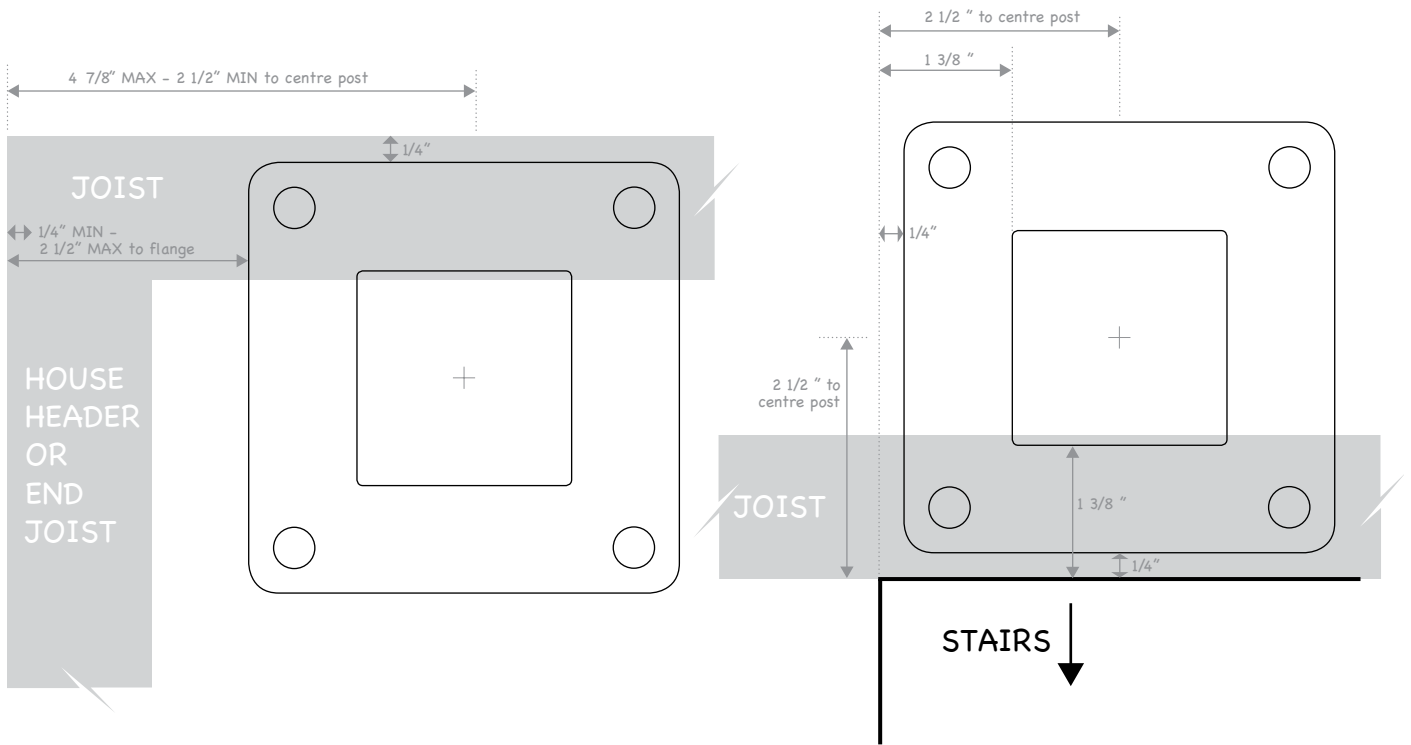
InvisiPost -- inside 45°
w/ 45-degree bracket



Visti Post flange base

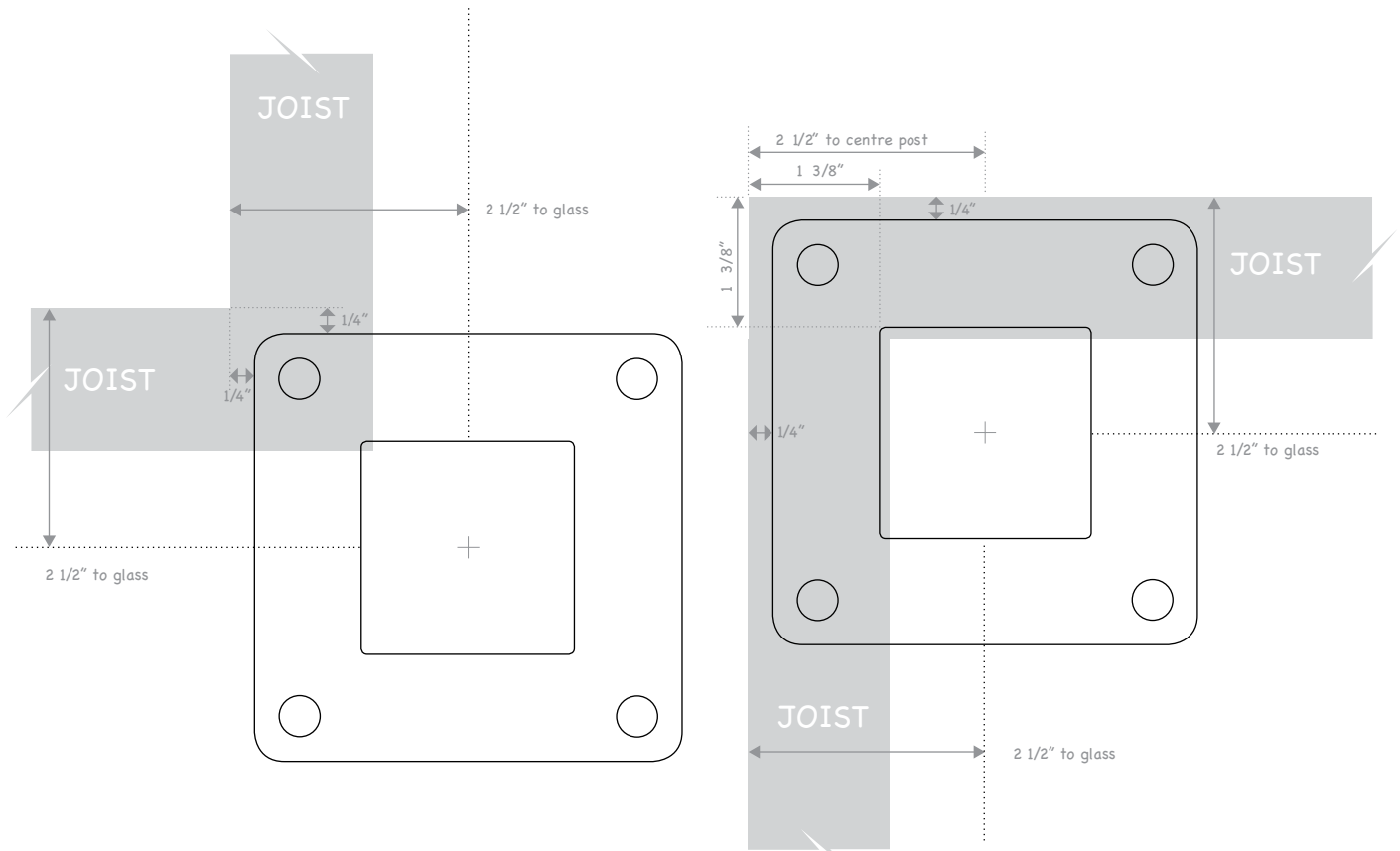
scale 1:1

VISTI POST POSITIONING DETAIL DIAGRAMS



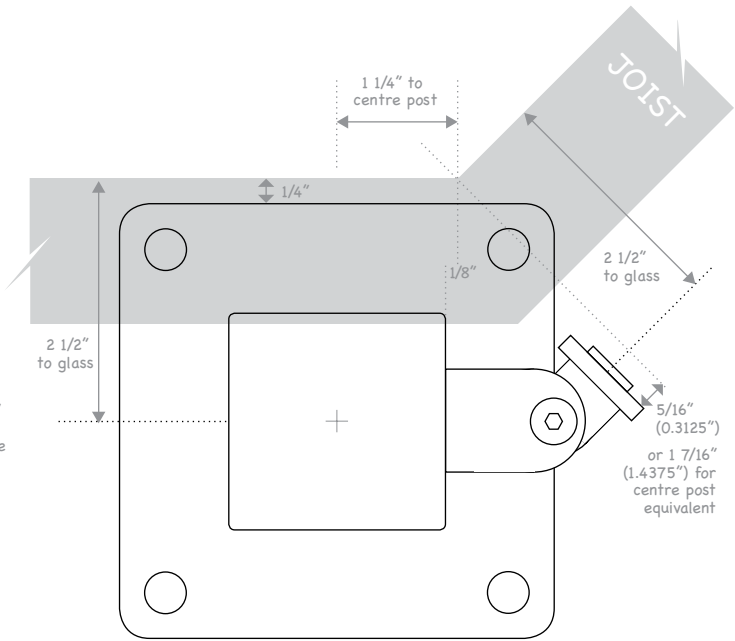
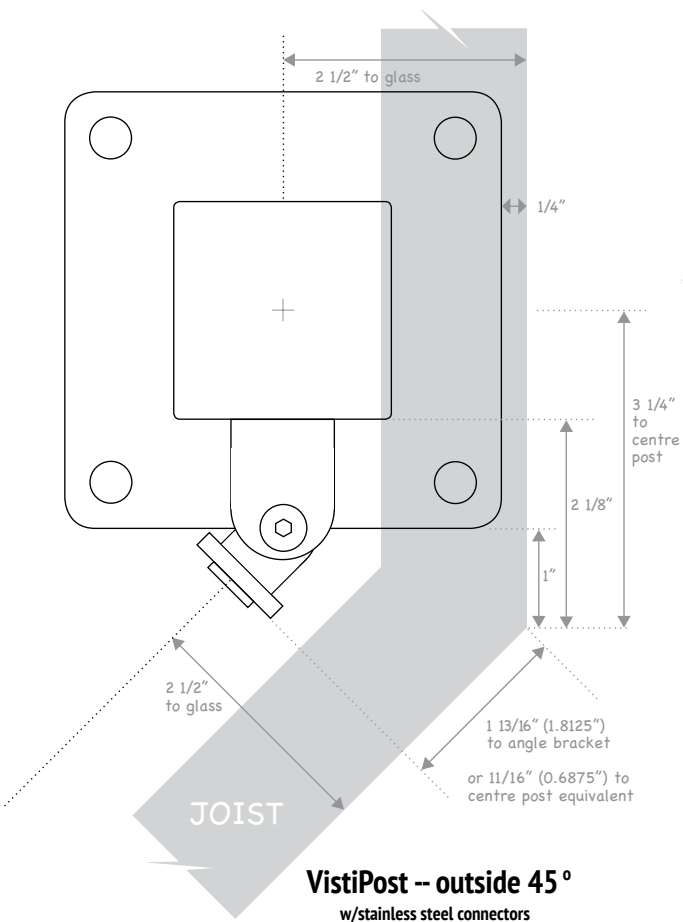
VistiPost at house or end of run

VistiPost -- beside stairs

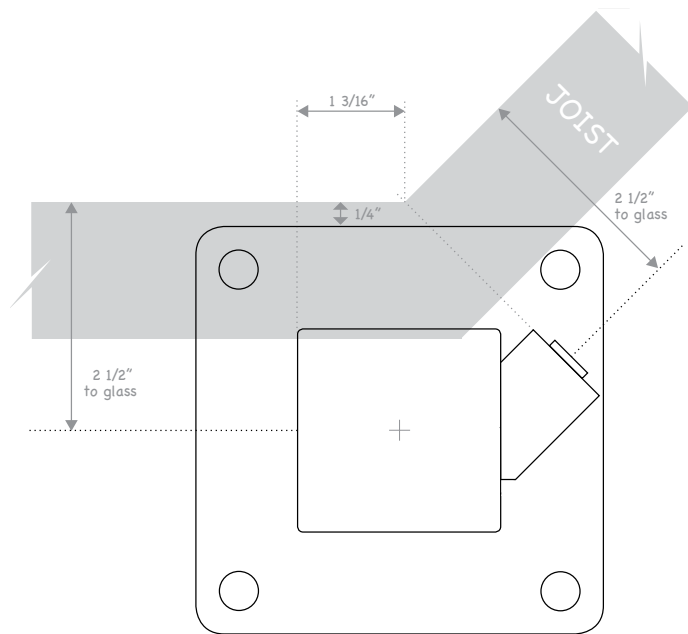


VistiPost -- inside 90°

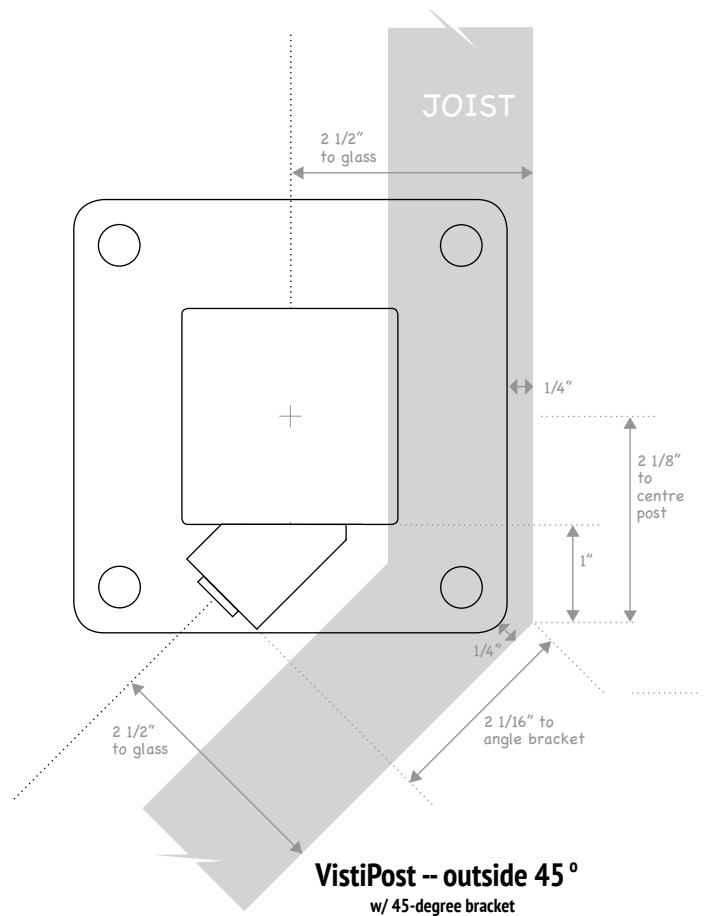
VistiPost -- outside 90°

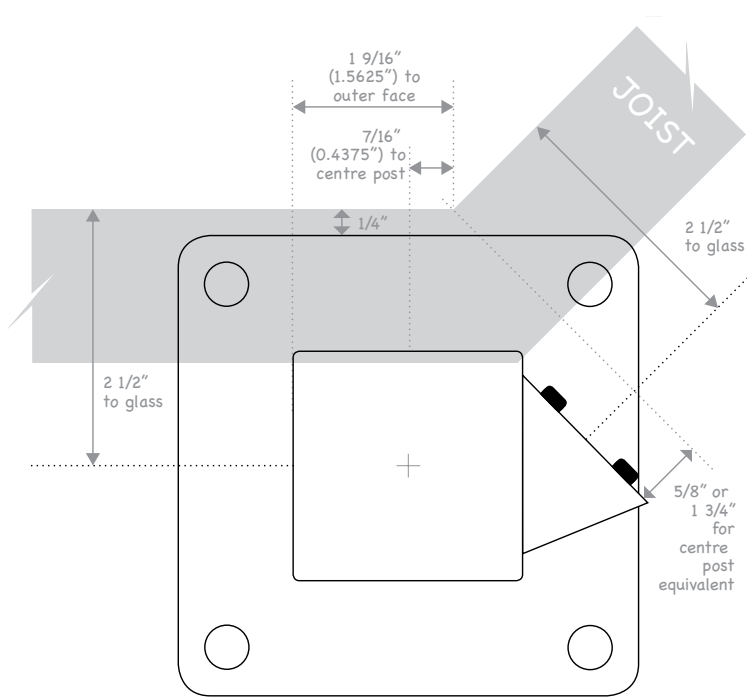


VistiPost -- inside 45°
w/stainless steel connectors

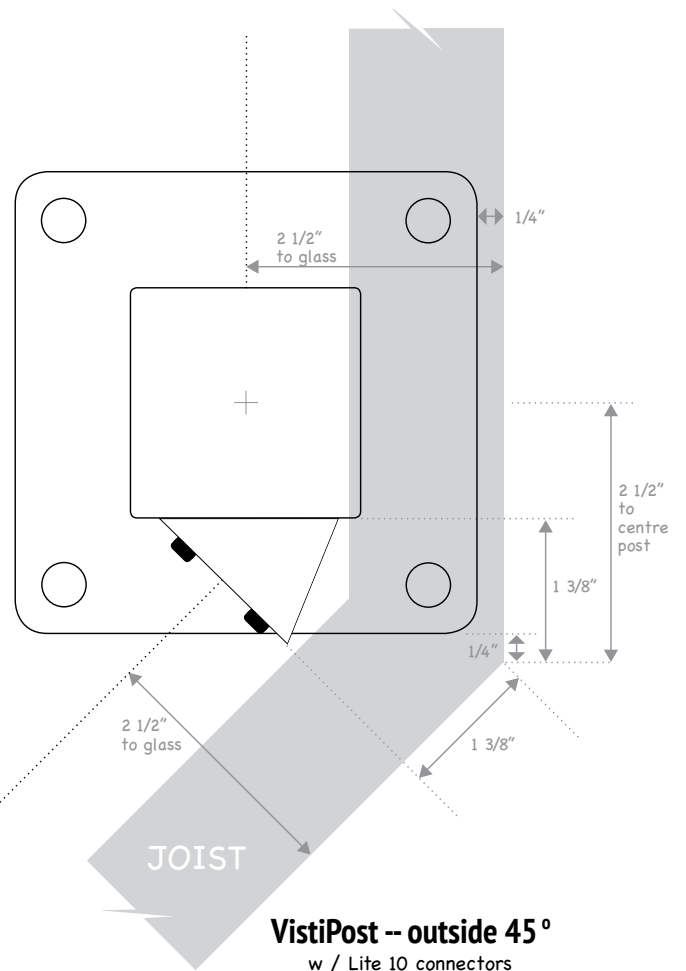


VistiPost -- inside 45°
w/45-degree bracket



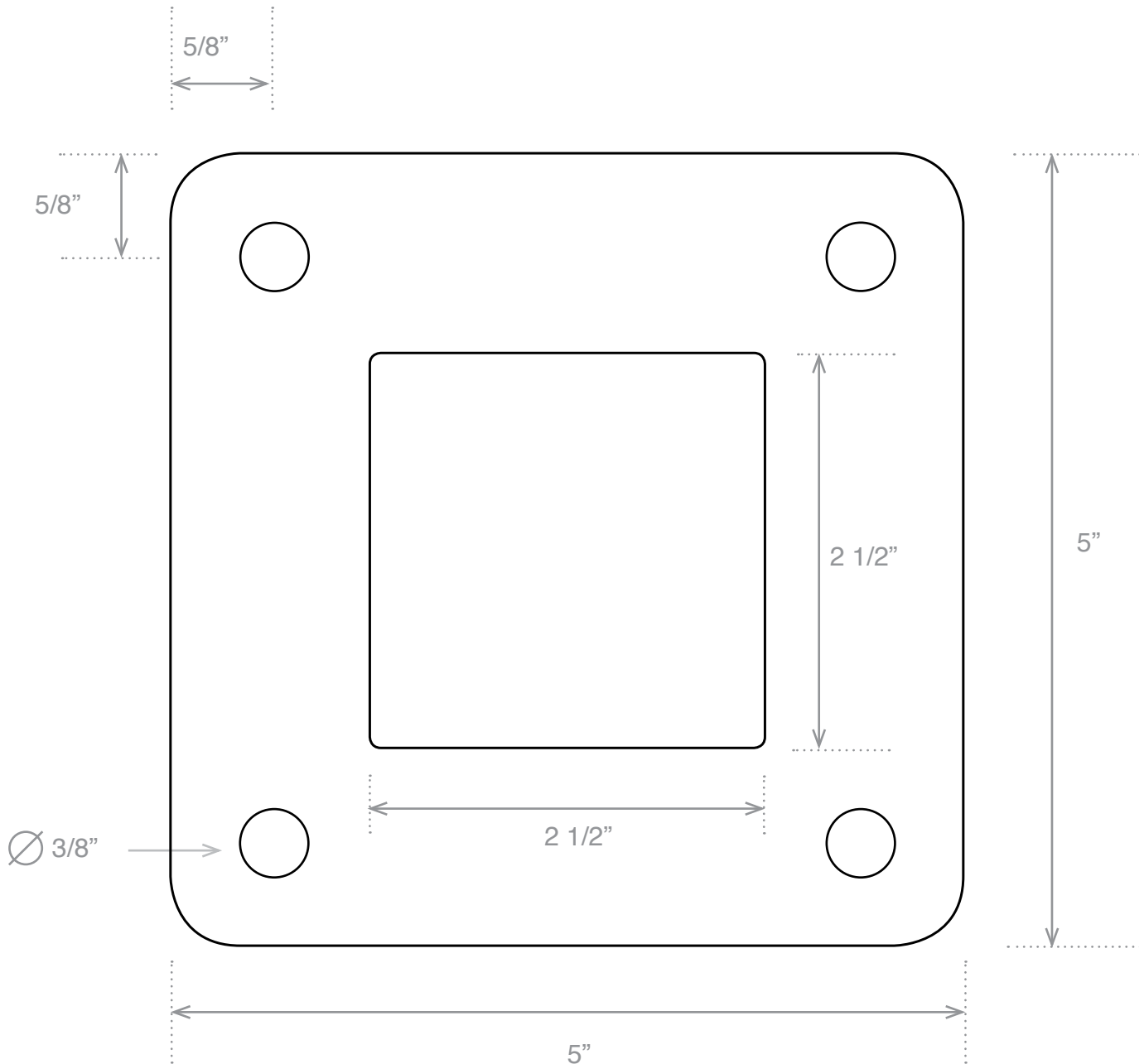


VistiPost -- inside 45°
w/ Lite 10 connectors



VistiPost -- outside 45°
w / Lite 10 connectors

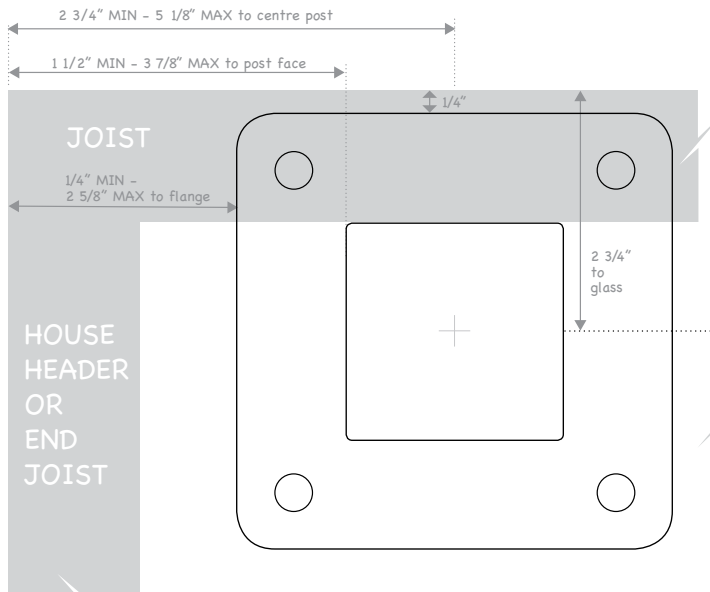




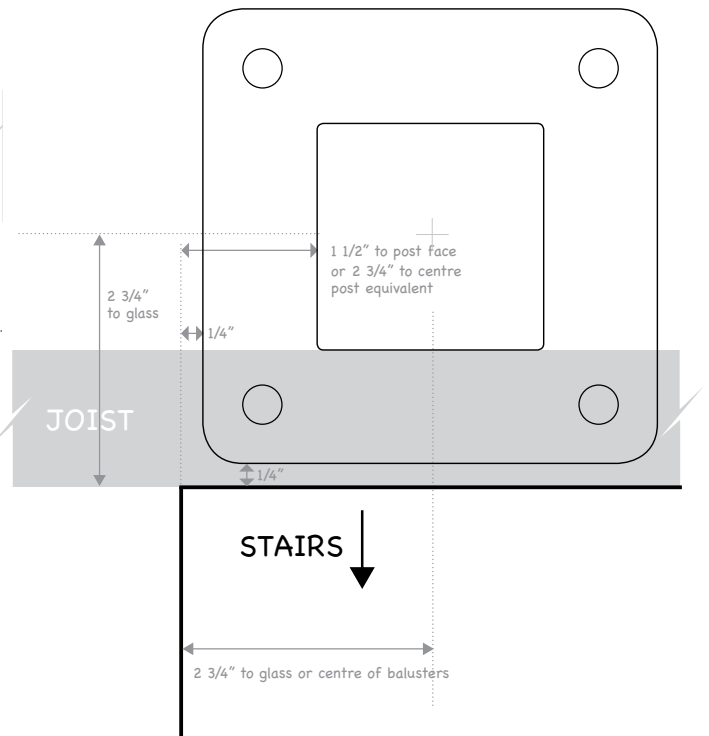
ALX post flange base

scale 1:1

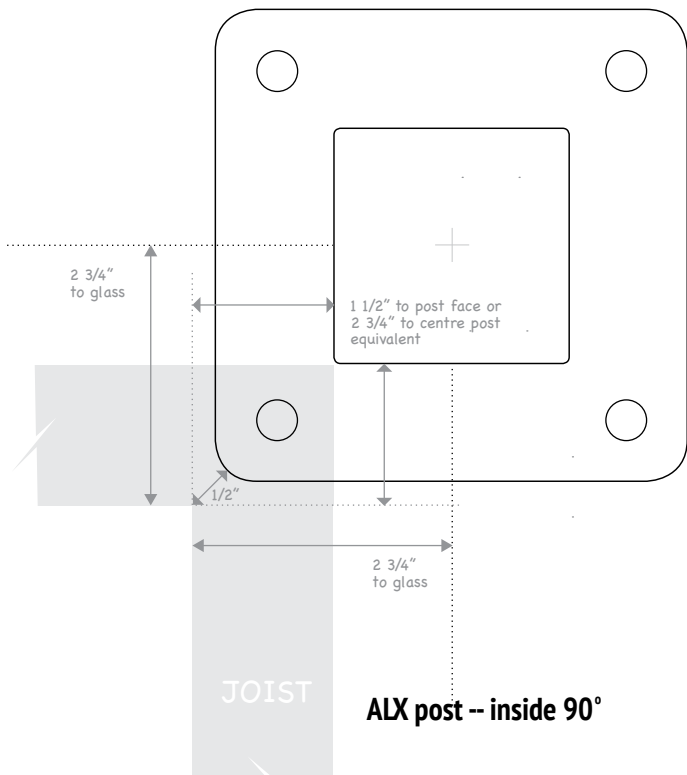
ALX POST POSITIONING DETAIL DIAGRAMS



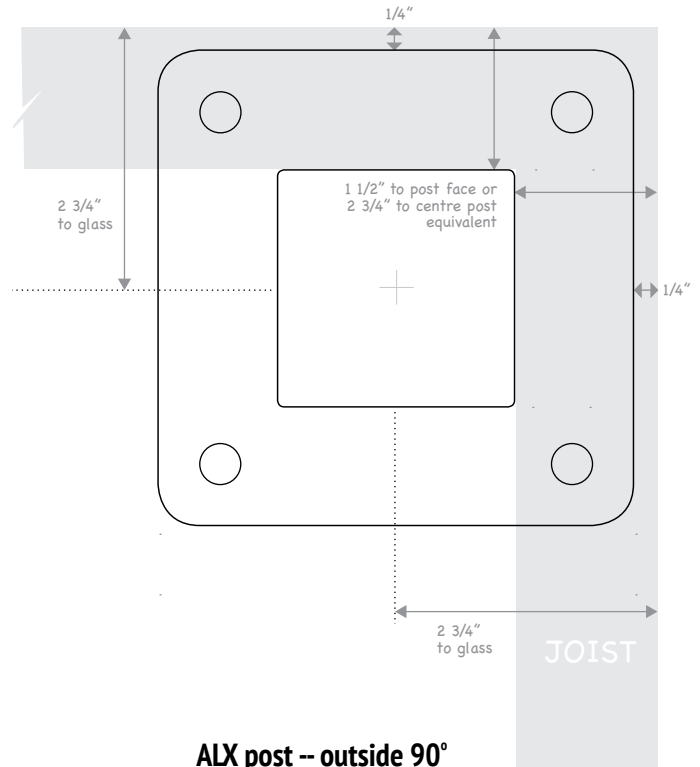
ALX post at house or end of run



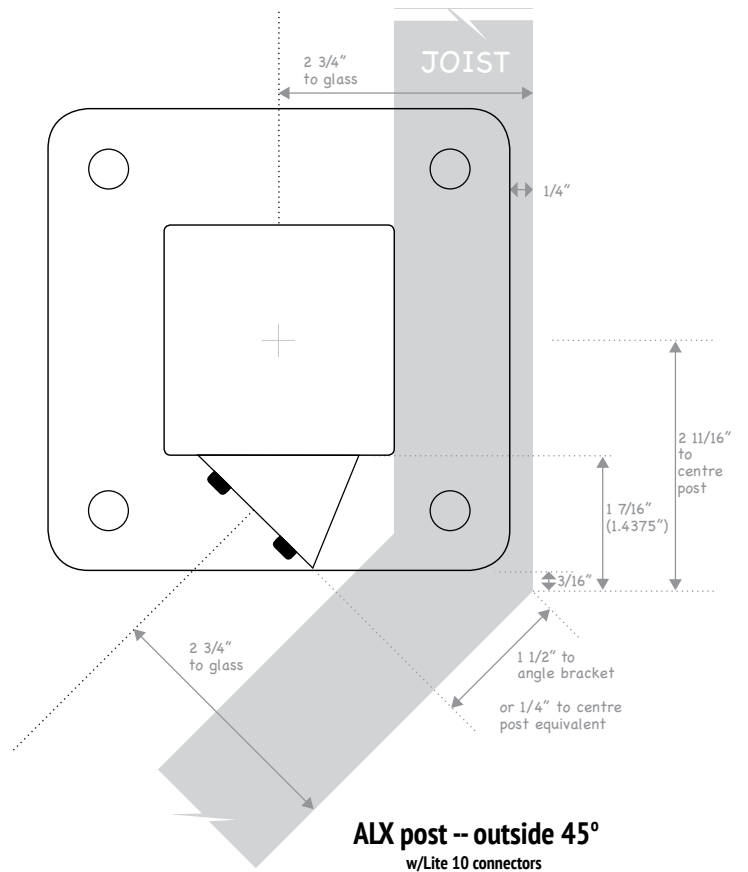
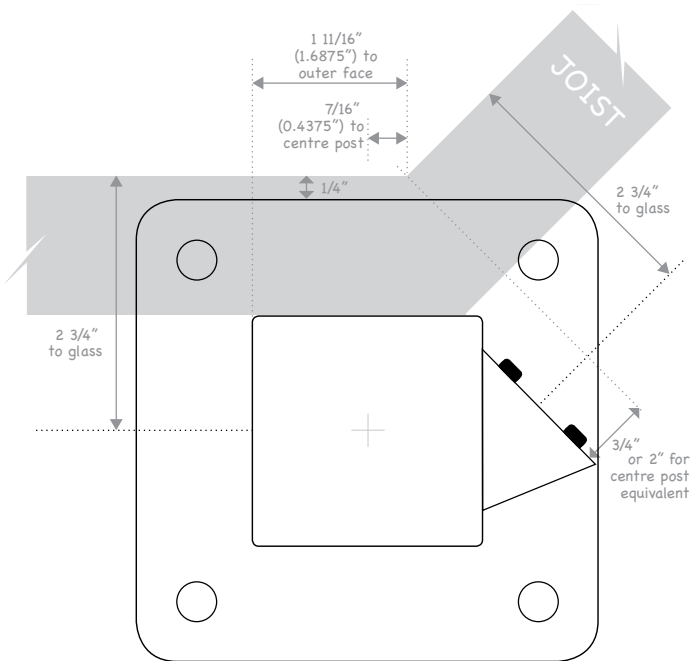
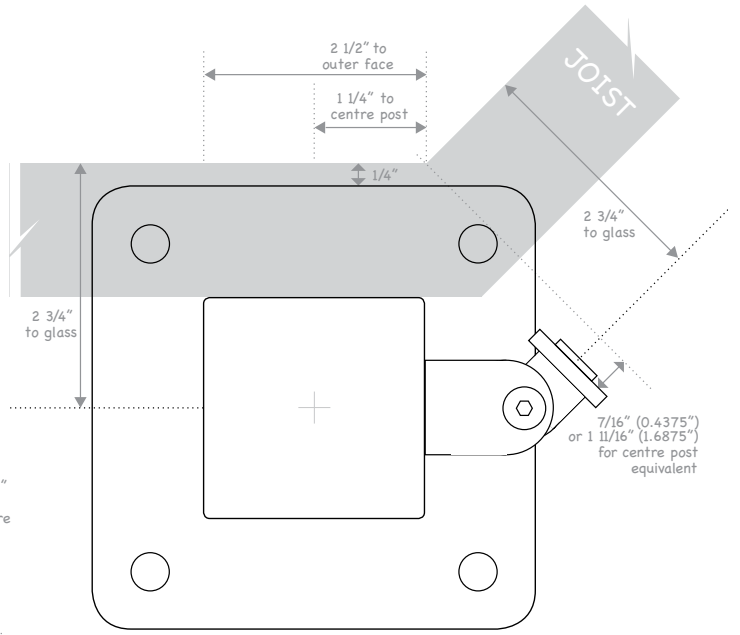
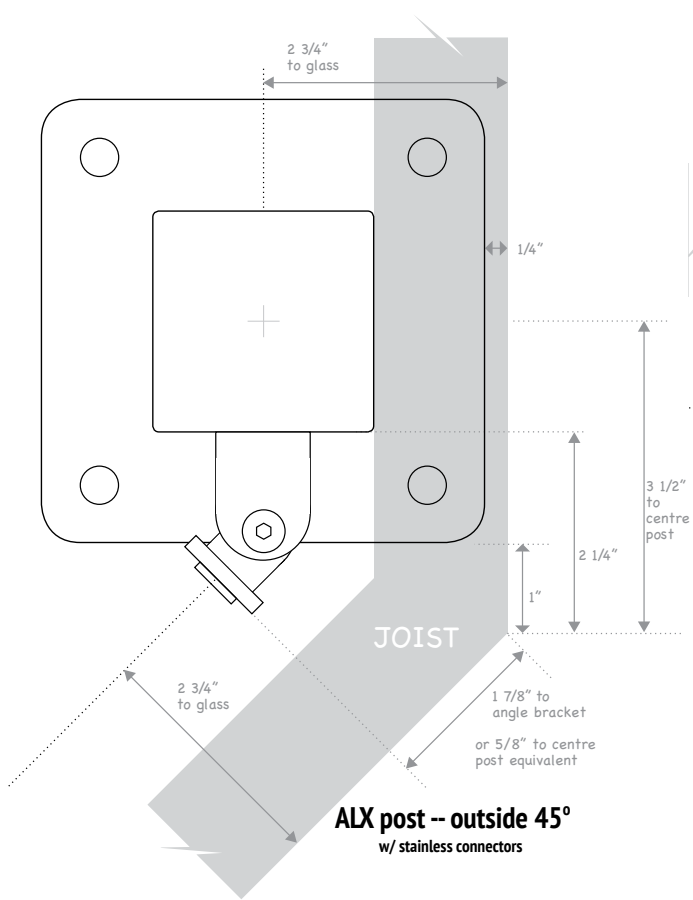
ALX post -- beside stairs

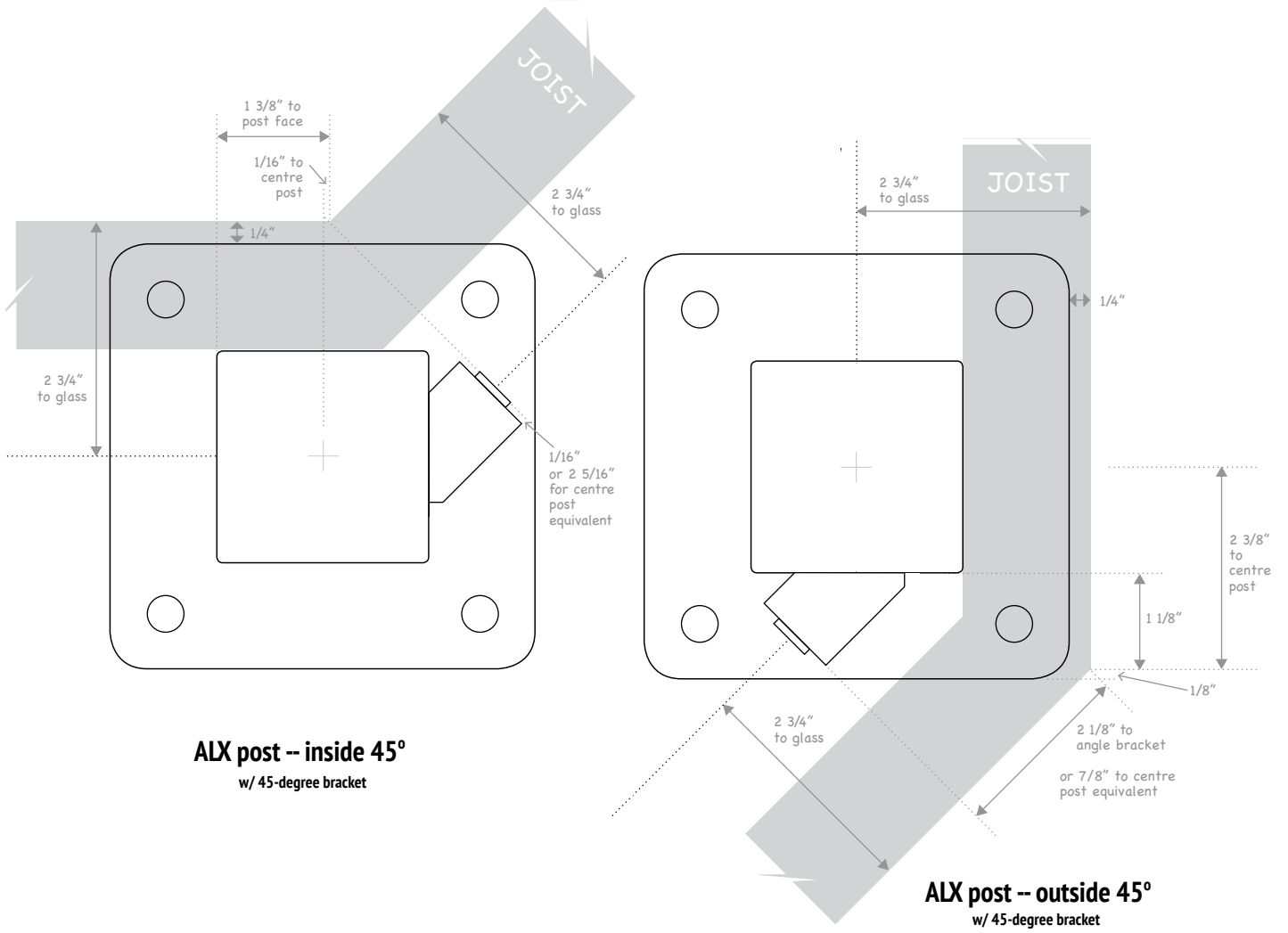


ALX post -- inside 90°

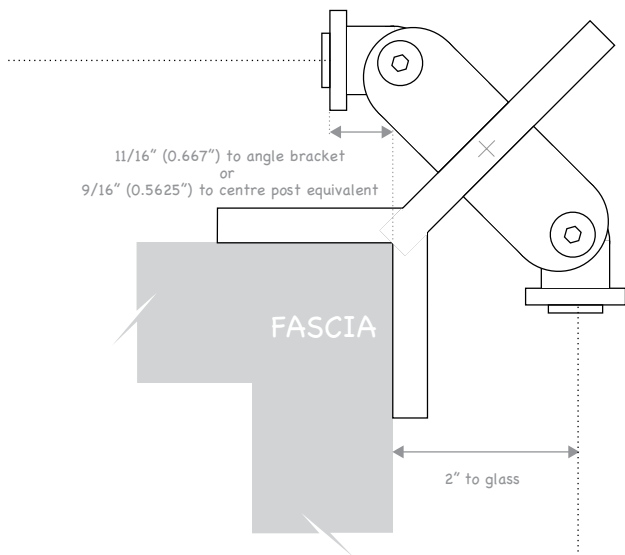


ALX post -- outside 90°

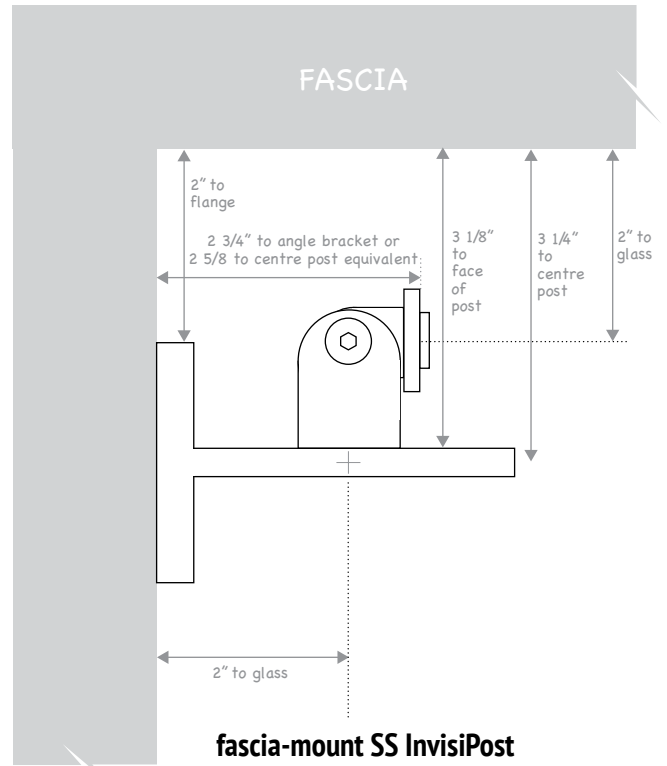




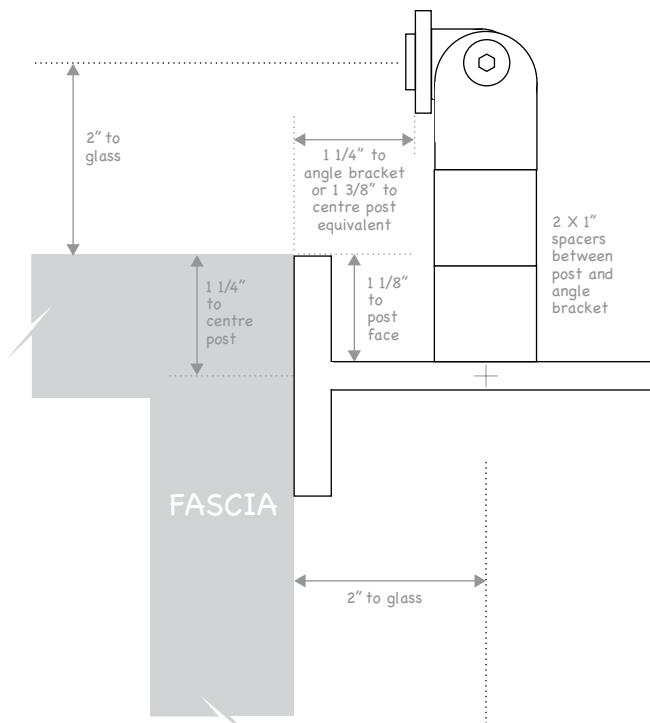
INVISIPOST FASCIA POSITIONING DETAIL DIAGRAMS



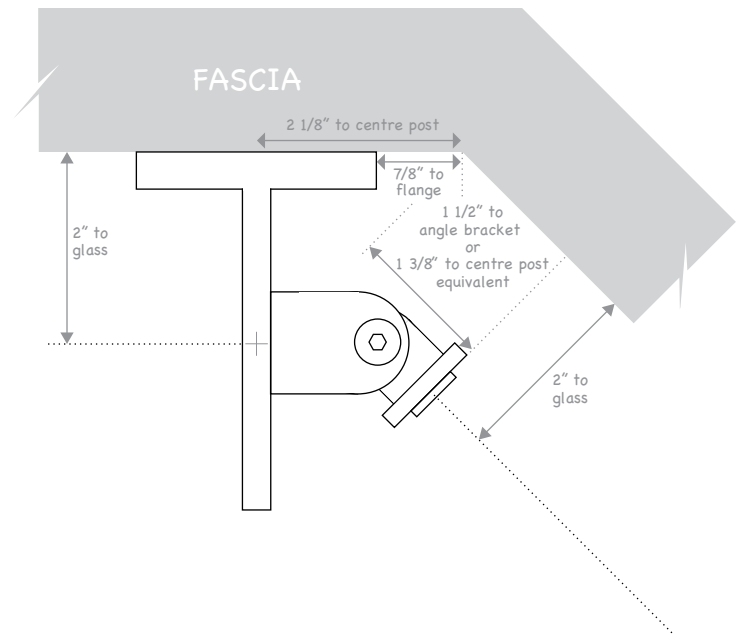
fascia-mount SS InvisiPost - corner



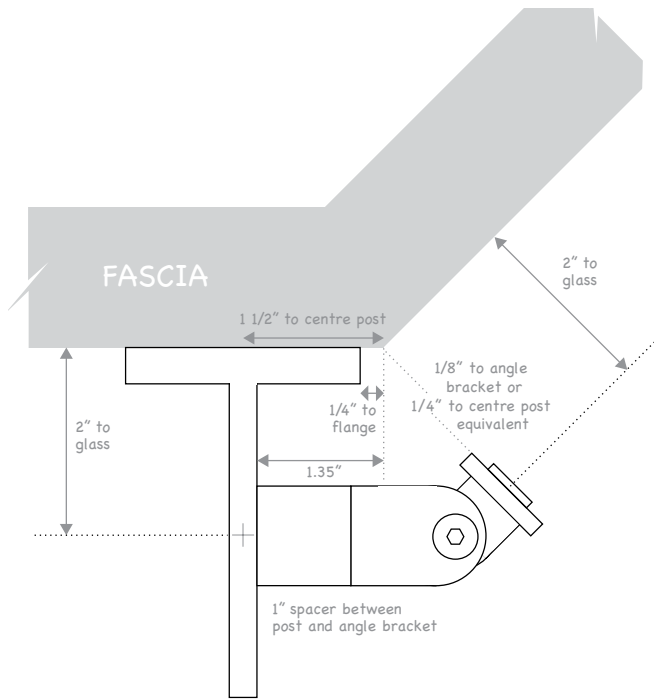
fascia-mount SS InvisiPost
inside 90°



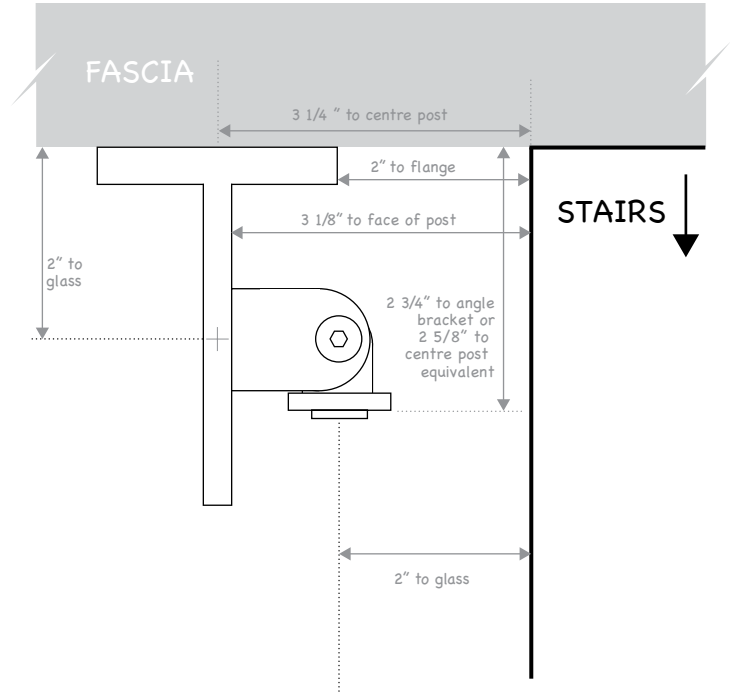
fascia-mount SS InvisiPost
outside 90°



fascia-mount SS InvisiPost -- inside 45°

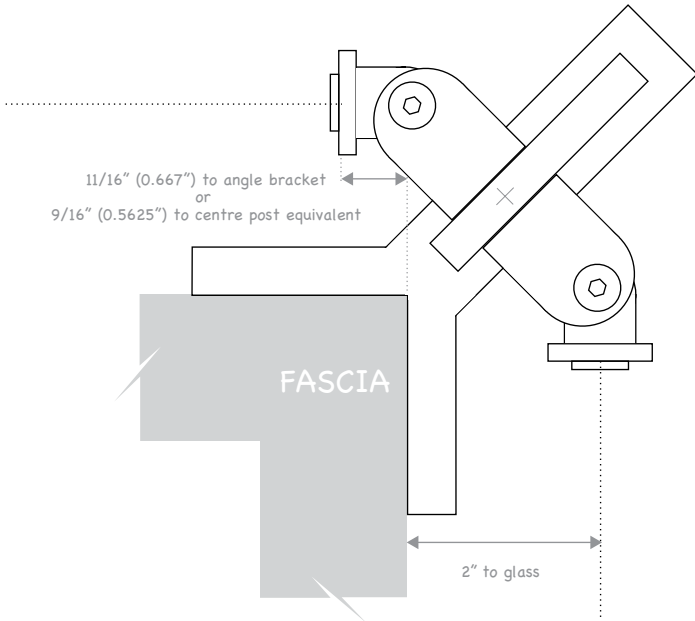


fascia-mount SS InvisiPost -- outside 45°

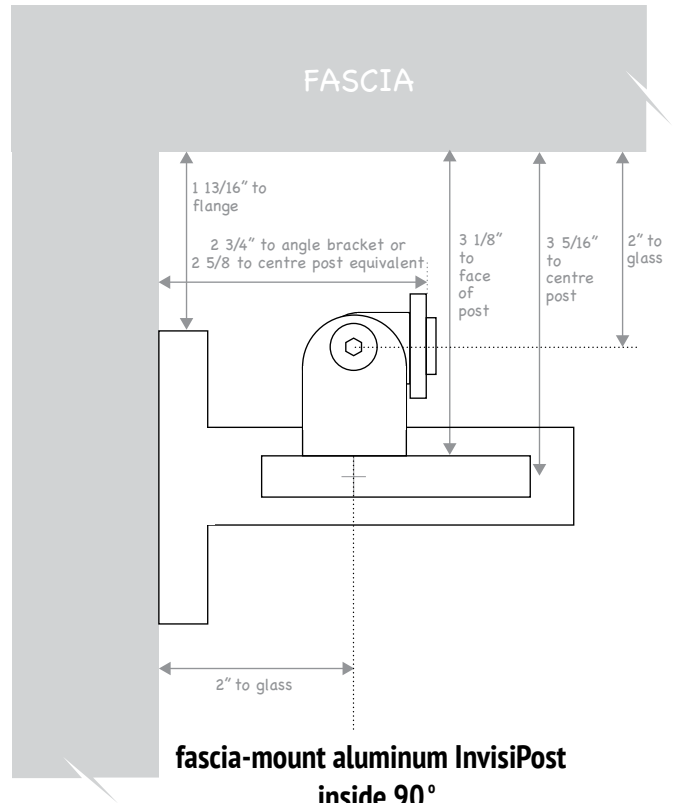


fascia-mount SS InvisiPost -- beside stairs

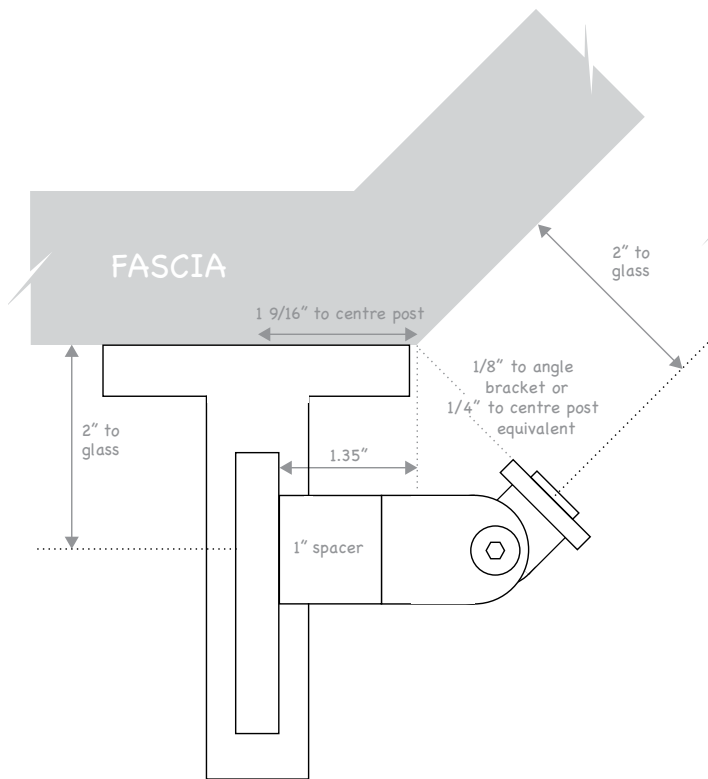




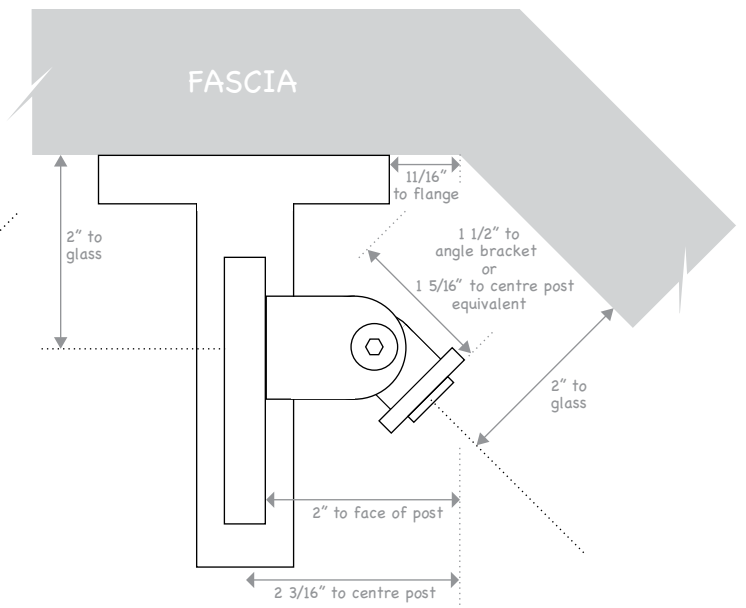
fascia-mount aluminum InvisiPost - corner



fascia-mount aluminum InvisiPost inside 90°

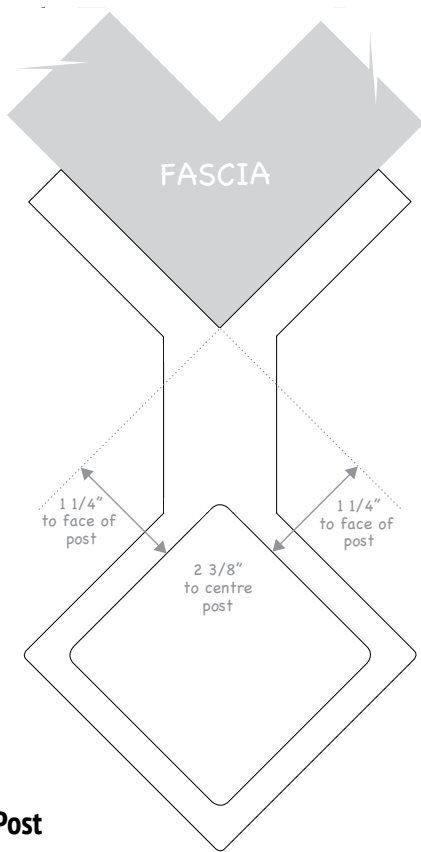


fascia-mount aluminum InvisiPost -- outside 45°

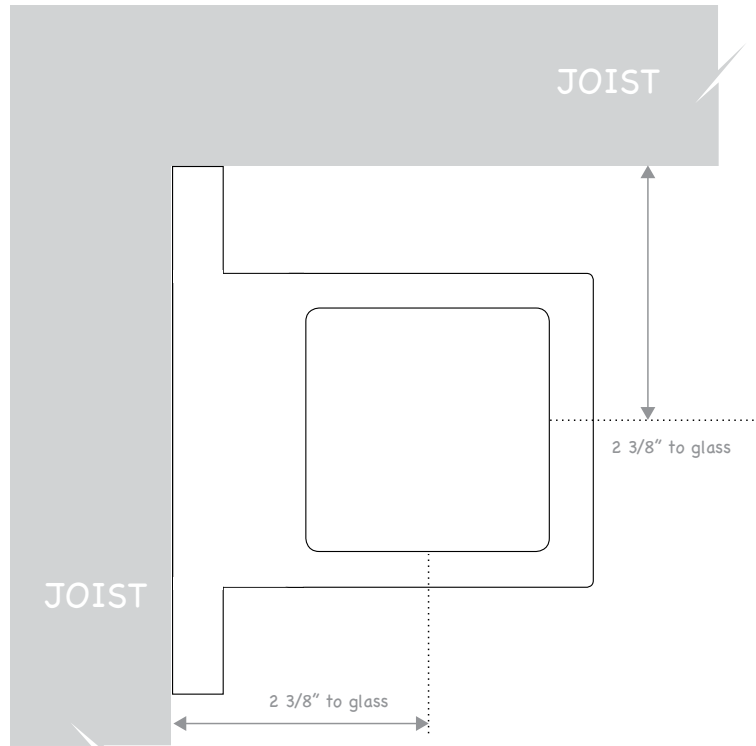


fascia-mount aluminum InvisiPost -- inside 45°

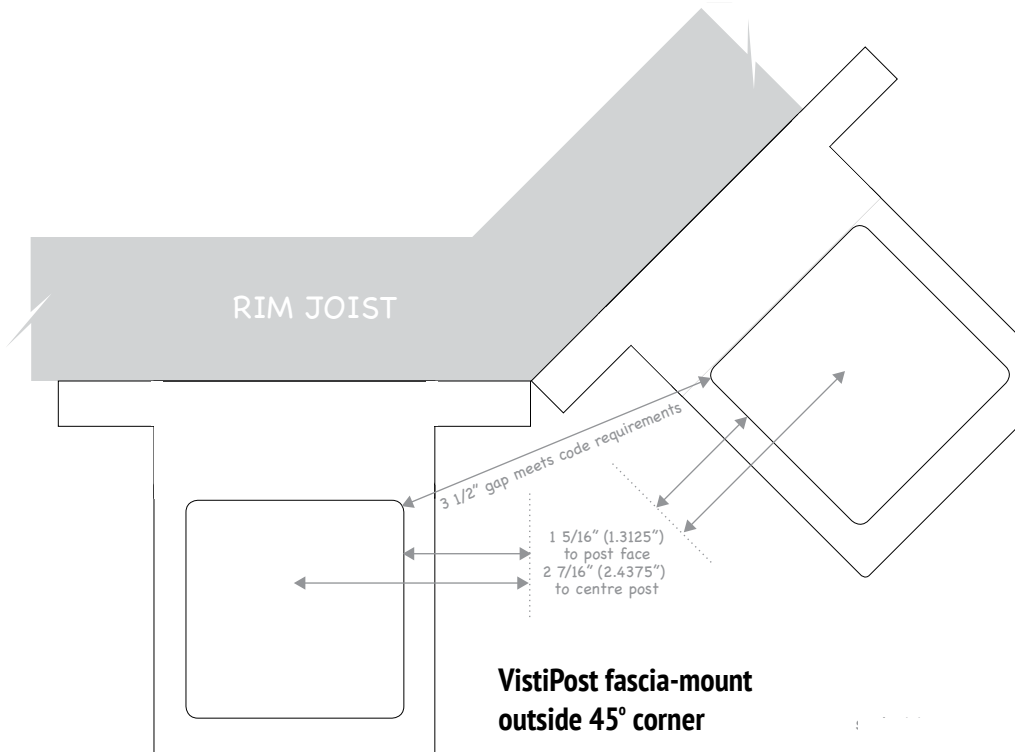
VISTI POST FASCIA POSITIONING DETAIL DIAGRAMS



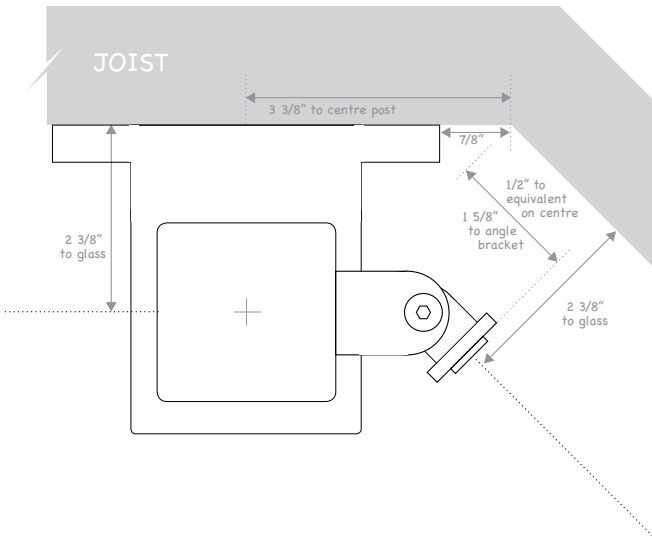
**VistiPost
fascia-mount corner**



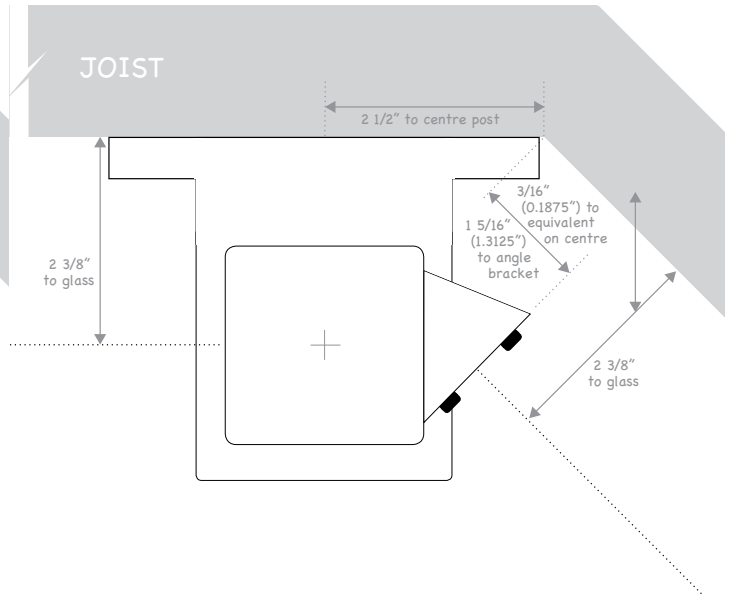
VistiPost fascia -- inside 90°



**VistiPost fascia-mount
outside 45° corner**



VistiPost fascia -- inside 45°
w/stainless steel connectors



Visti Post fascia -- inside 45°
w/Lite 10 connectors



Store Name: _____
Contact Name: _____
Store Phone: _____
Store Fax: _____
Email: _____
Project Name: _____

Posts Invisipost Vista
 4x4 6x6 other _____

Colour Stainless Black White

Connectors Stainless Steel
 10 mm Lite Nylon Black White Cedar

Mounting Type Deck Mount
 Fascia Mount
 Concrete
 Other _____



GLASS RAIL SYSTEM

sales@invisirail.com

Phone: 905-852-3733

Fax: 905-852-5196

Notes

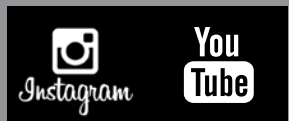


INVISIRAIL™

GLASS RAIL SYSTEM™

Any installation or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risk and liability associated with the installation or use of this product. Check with local municipalities for building code requirement in your area before installing.

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