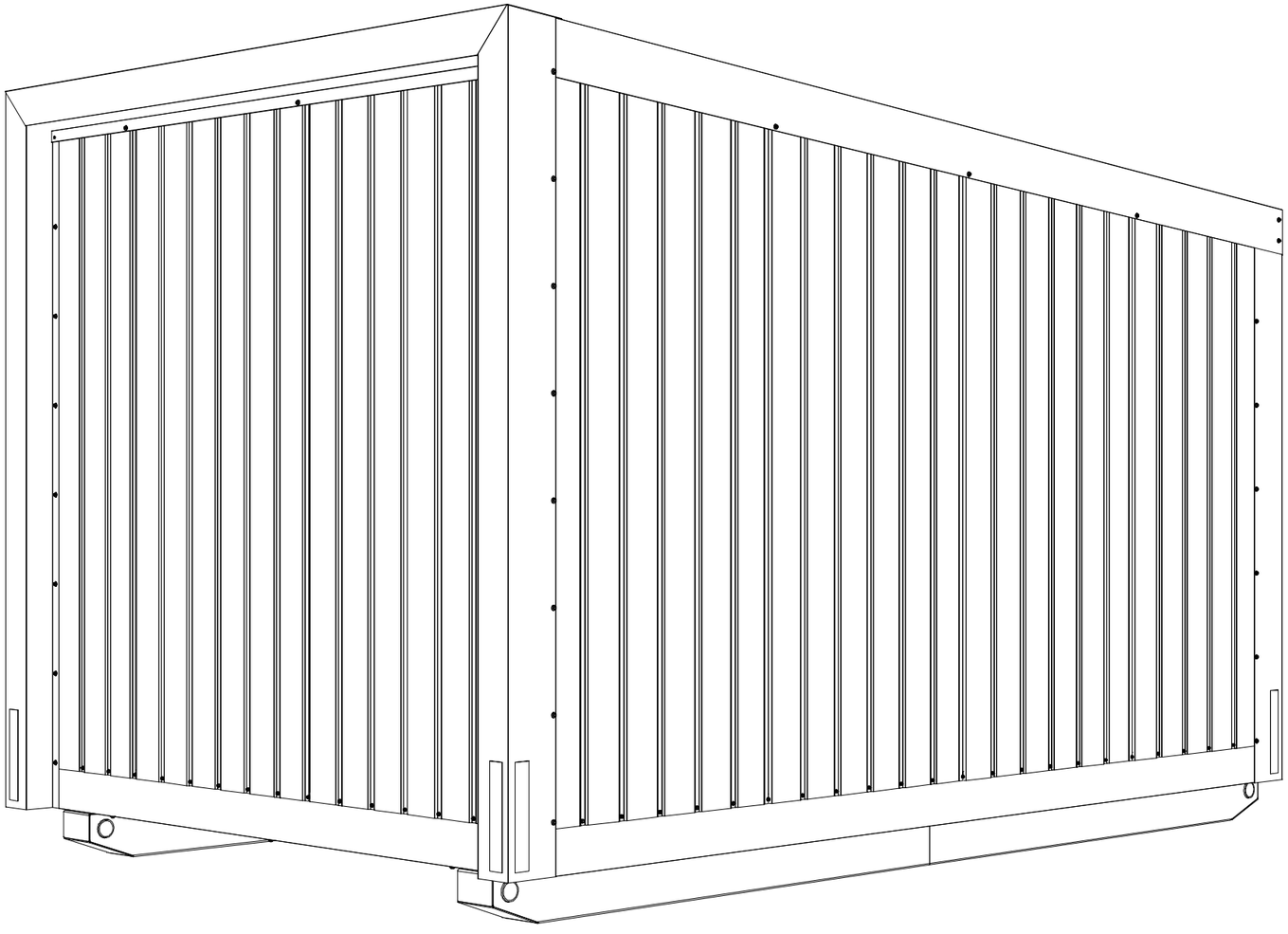
# SUMMIT ICE SHACK



## TOOL LIST

(NOT SUPPLIED)

- DRILL BIT 3/8"x7"
- 5/16" HEX DRIVER
- 3/8" HEX DRIVER
- DRILL/IMPACT DRIVER
- UTILITY KNIFE
- SILICONE GUN
- LEVEL
- SQUARE
- MEASURING TAPE
- MARKER
- TIN SNIPS
- SPRAY FOAM
- PHILLIPS BIT
- NON-SLIP FLOOR FINISH
- GLOVES
- SAFETY GLASSES
- EAR PLUGS

## TOOL LIST

(SUPPLIED)

- PANEL CLAMP
- 20oz CAULKING GUN

## SAFETY

- Use of high quality gloves, ear plugs & safety glasses are required for assembly of this product. Edges of materials may be extremely sharp. Fastening into metal can produce high decibels, ear plug must be worn.
- Floor can be slippery. Adding a non-slip finish to the top of the floor panels is recommended.
- Consult recommended ventilation guidelines from heat appliance manufacturer prior to use to ensure ice shack is properly ventilated.
- Do not exceed speeds of 10km/hr while towing ice shack, Ensure shack is broken free from ice/snow prior to towing.

## Additional Notes

- Sikaflex 1A/Silicone have a minimum application/storage temperature of 4°C
- Sikaflex 1A/Silicone quantities are based on standard factory usage

ARTspan

# Artspan Inc. Warranty and Limitation of Liability

## Between Artspan Inc. (“Artspan”) and The Purchaser, Dealer, Builder or Buyer on the Front Hereof (the “Purchaser”)

**WARRANTY AND LIMITATION OF LIABILITY**

(1) Artspan warrants that its Goods when installed in a normal and proper manner, shall be free from any defect due to materials or workmanship for a period of one (1) year from the date of delivery. Artspan's sole obligation under this warranty is to repair or replace such part or parts that are shown to the satisfaction of Artspan to be defective within the warranty period to an amount not in excess of the amount under this Agreement. The Purchaser shall notify Artspan in writing immediately upon discovery of any defect and Artspan shall have no liability hereunder for any claims, including shortages and field re-work. This warranty does not apply:

a. to any Product sold by Artspan where said Product is used in areas exposed to corrosive or aggressive conditions including, but not limited to, salt water, acids, alkaloid, ash, cement dust, animal waste or other corrosive chemicals from either inside or outside the structure;
b. for failures or defects arising out of damage during shipment or during storage on site;
c. to materials replaced or repaired under this Warranty except to the extent of the remaining term under this Warranty (if any);
d. to damage resulting from misuse, negligence, accident or improper site preparation by the Purchaser;
e. to parts and accessories and other components of the Product that are not manufactured by Artspan;
f. if the Product has been altered or modified by persons other than Artspan;
g. in the case of coating failures where the failure is the result of damage by the buyer, lack of proper maintenance by the buyer or the buyer's failure to remove road salt and/or other contaminants the Product may have come into contact with;
h. to loss of time, inconvenience, loss of material, down time or any other consequential damage;
i. to coating repairs in respect of minor blemishes or rusting that occurs in the ordinary course and is associated with general maintenance of the Product;
j. to excessive wear on interior coatings of the Product;
k. to the Product, if used for a purpose which differs from the purpose intended by Artspan;
l. if the Product has not been erected, operated and installed strictly in accordance with Artspan's manuals and instructions;
m. to damage caused by acts of God, falling objects, external forces, explosions, fires, riots, civil commotions, and acts of war, excessive radiations, or any other occurrences beyond the Manufacturer's control.
n. to damage to the panels resulting from edge corrosion or failure of the metal substrate is not covered by this warranty.
o. to damage to the panels caused directly or indirectly by panel contact with fasteners is not covered by this warranty. The responsibility for selection of suitable long- lasting fasteners rest solely with the Purchaser.
p. to damage caused by steel shavings or minute particles from sawing sparks that come into contact with the pre-painted finish
q. to defects or damage to the pre-painted finish of the product, after delivery by Artspan, resulting from handling, shipping, transit, processing, improper storage or installation, or prolonged moisture contact or contact with corrosives and/or similar

(2) Artspan shall not be liable for any incidental loss or damage, however caused, including, without limitation, normal wear and tear. In addition, the warranty expressed hereunder shall be void in the event that an alteration or repair is made to the Goods by any person other than as authorized by Artspan. This warranty does not include expendable components, if any, and any components not manufactured by Artspan.

(3) Artspan makes no express or implied warranties of any nature whatsoever except for such express warranties as set out herein. The warranty provided herein is in lieu of and excludes all other warranties, guarantees or conditions pertaining to the Goods, written or oral, statutory, express or implied, (except the warranty as to title) including any warranty as to the merchantability or fitness for any particular purpose. Artspan expressly disclaims all other representations, conditions or warranties, express or implied, statutory or otherwise and any representations, warranties or conditions that may arise from a course of dealing or usage of trade. The warranty provided herein shall constitute Artspan's sole obligation and liability and the Purchaser's sole remedy for breach of warranty. No other warranty has been made by any employee, agent, or representative of Artspan and any statements contained in any other printed material of Artspan is expressly excluded herefrom. Artspan shall not be responsible for any warranty offered by the Purchaser to any of its customers with respect to the Goods and the Purchaser shall indemnify Artspan with respect to same if any of those customers make a claim against Artspan relating to any such warranty. The warranty of Artspan is not assignable by the Purchaser.

(4) Artspan may at its sole discretion provide an extended warranty on the Goods, including but not limited to Galvalume® or pre-painted panels against perforation or paint failure. Such warranty shall be in writing and shall be signed on behalf of Artspan.

(5) In no event will the total liability of ARTSPAN for any damages incurred by the Purchaser ever exceed the fees actually paid by the Purchaser to ARTSPAN under this Agreement, regardless of the form of action, whether based in contract, tort, warranty, negligence, strict liability, products liability or otherwise.

(6) Oil canning and perceived waviness in the surfaces of insulated steel panels is an inherent part of the light gauge formed metal used for the faces. Surface irregularities may also be more noticeable when the metal face is coated with a highly reflective paint finish or certain colours. Oil canning is not cause for rejection or warranty claim. As an aesthetic issue only, it in no way affects the performance, structural integrity, or the paint associated with Artspan products.

(7) Artspan shall not have any obligation under this Warranty until all accounts for materials, installation and erection of the Product, including all labor and other costs associated with the work performed by Artspan, have been paid for in full by the Purchaser.

(8) The obligation of Artspan under this Warranty shall not arise until Artspan is notified in writing and this Warranty is presented together with a written statement by the buyer specifying the claim or defect. Such notice and written statement to be delivered to Artspan within thirty (30) days of the date the defect was first discovered.

(9) If it is determined by Artspan, in its sole discretion, upon inspection, that a claim for a defective Product is valid, liability for breach of this Warranty and the sole remedy of the Purchaser shall be limited to either repairing or replacing the defective part(s) of the Product. No other remedy (including but not limited to the recovery of assembly or disassembly costs, shipping costs, direct, incidental, special, indirect consequential damages for lost profits, lost sales, injury to person or property or any other loss, whether arising from breach of contract, breach of warranty, tort, including negligence, strict liability or otherwise) shall be available to the Purchaser or any other person or entities whether by direct action, third party claim, or indemnity or otherwise against Artspan and/or its officers, directors, servants and agents.

(10) The obligation of Artspan hereunder extends only to the original buyer to whom the Product was sold. This Warranty is non-transferable and non-assignable without the prior written consent of Artspan.

(11) The Purchaser acknowledges that the Product has been customized for the buyer and the buyer has made its own independent decision to approve the use of the supplied materials in the Product as well as the specific fabrication and construction procedures utilized to complete the Product and has satisfied itself as to the suitability of the Product for its particular application.

(12) Artspan does NOT warranty that any building material or any other material used in the manufacturing process of the Product meets local or municipal ordinances, codes, or other regulations.

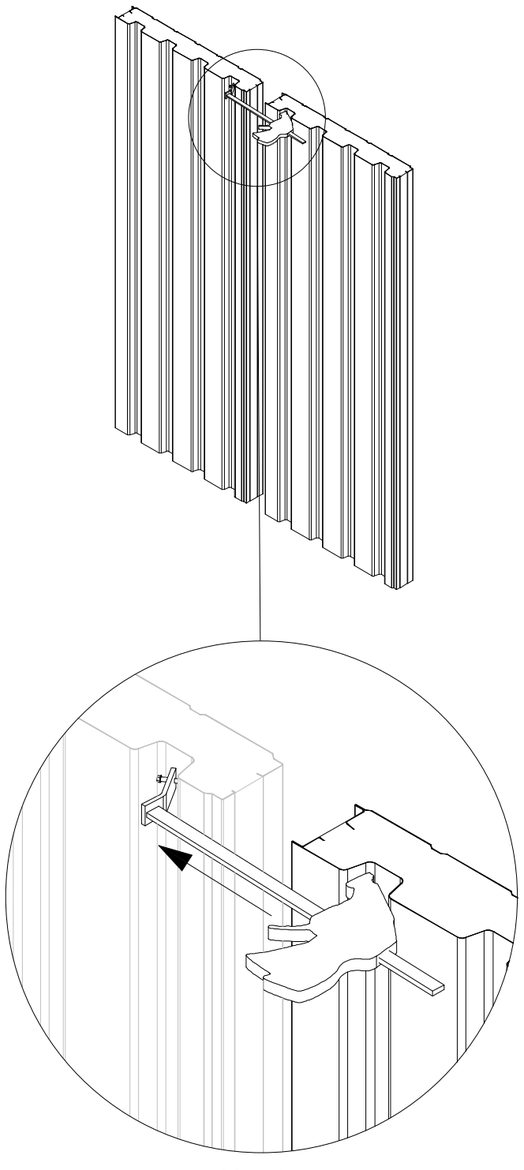
(13) The buyer shall inspect material received from Artspan prior to installation so as to mitigate expenses involved in repairing, repainting or replacing defective panels.

(14) Warranty Claim Procedure:

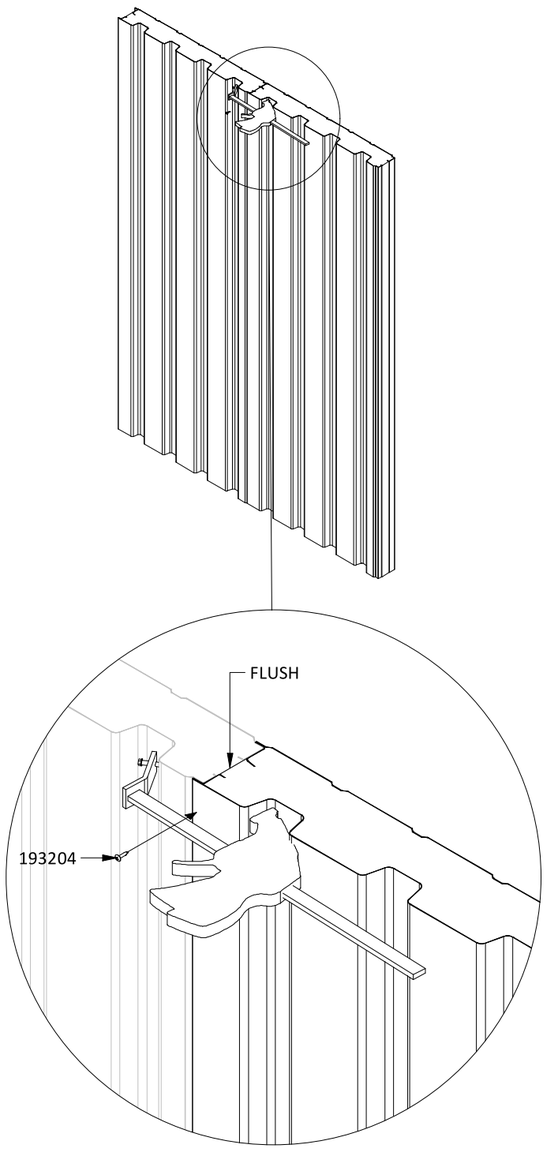
a. Notify Artspan in writing upon discovery of any defect(s), and in any event, no later than thirty (30) days from the date the defect was first discovered.
b. Complete the warranty claim statement and submit with a copy of this Warranty to the Artspan for review. To be effective, the buyer shall include in all claims under this Warranty adequate identification of material(s) involved in the claim, including original invoice.
c. Artspan shall then have a reasonable opportunity to inspect the product before any further action shall be taken.

# TYPICAL PANEL CLAMPING

Apply Sikaflex 1A bead as per connection detail. Move panels to be clamped as close to  each other as possible. Clamp panels together within the deep flute of the panels(CL1-CL2). Ensure tops of panels are relatively flush(CL2). Small variations are acceptable. Fasten through panel joints with 193204 screw 1" from the top of the panels. Repeat steps for the bottom of the panel ensuring full contact is made.



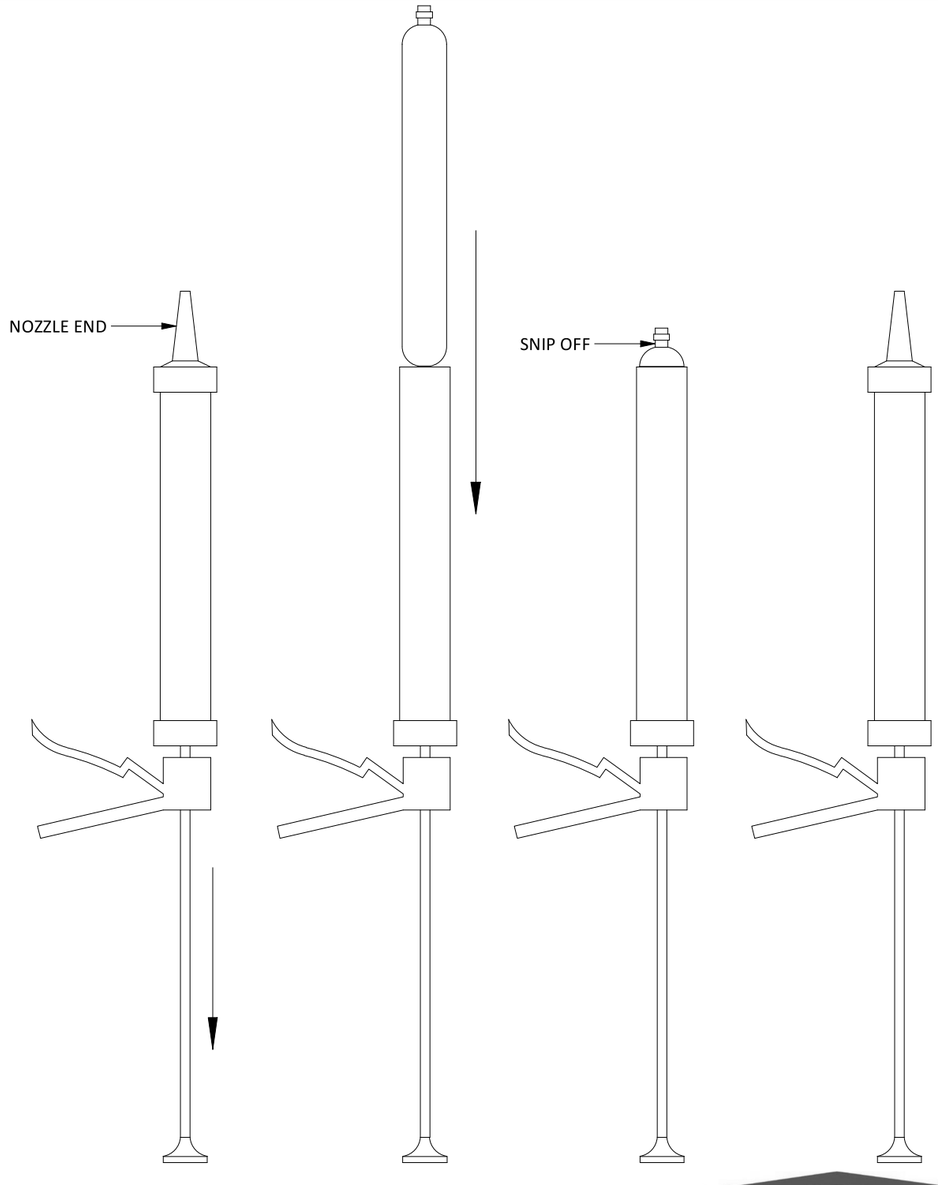
CL1




CL2

# 20oz CAULKING GUN LOADING

- Remove nozzle from gun
- Pull back plunger
- Slide unopened Sikaflex 1A into gun
- snip the aluminum collar from the end of the Sikaflex tube
- Reinstall nozzle

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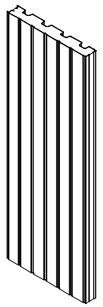
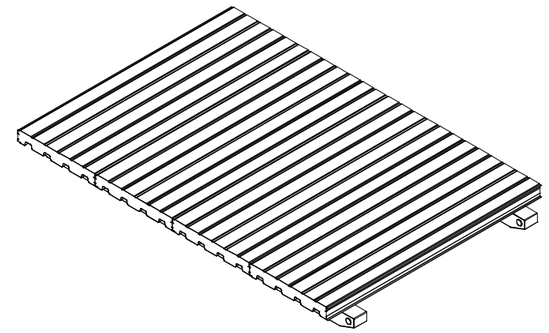


F1

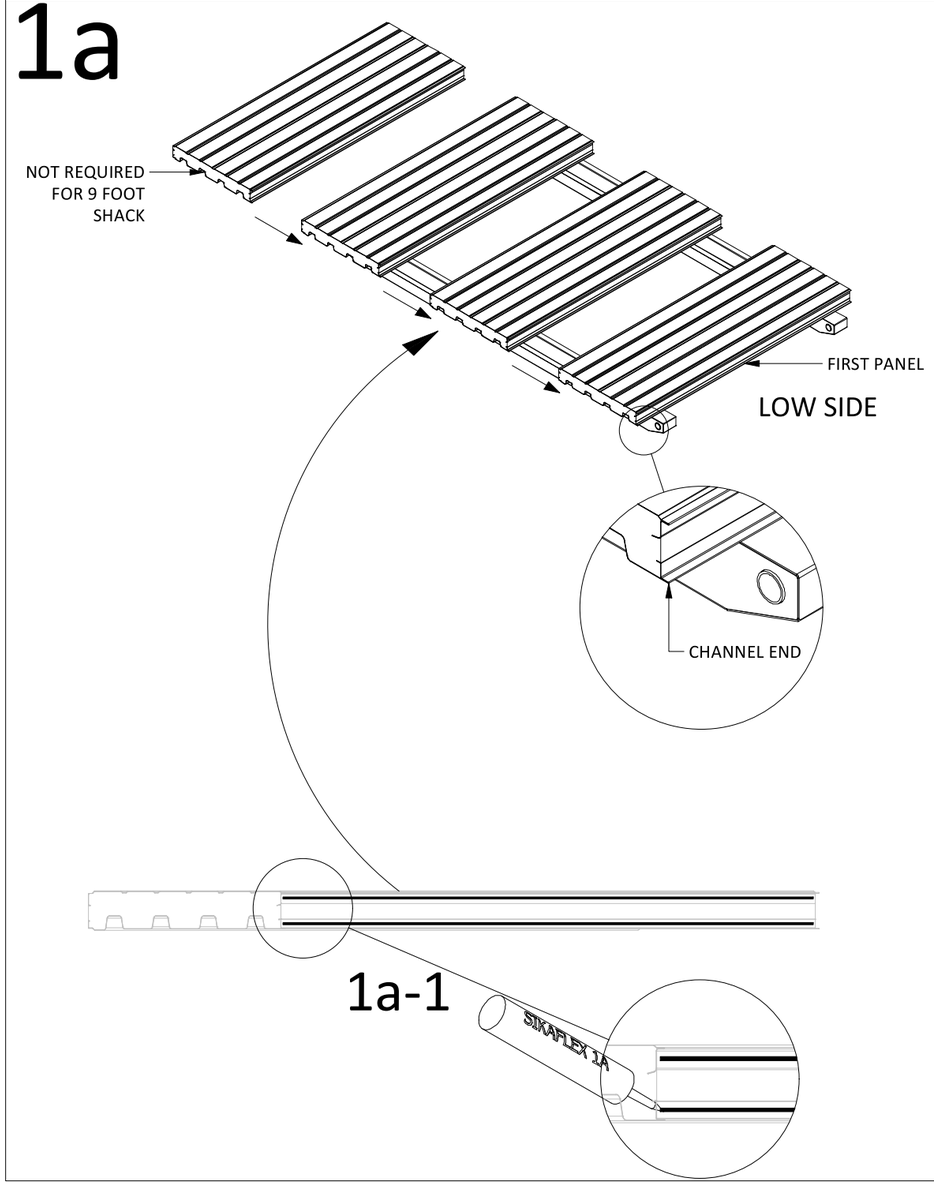

192522

193204

FLOOR ASSEMBLY(1):
-SKI KIT SHOWN ON THIS AND FUTURE STEPS. IF SKI KIT HAS NOT BEEN SUPPLIED USE CUSTOMER SKI KIT OR TRAILER AS THE BASE FRAME.
-IF PRE CUT HOLE KIT WAS SUPPLIED INSTALL FLOOR PANELS IN THE APPROPRIATE LOCATIONS.
Remove plastic coating from panels before this step. Apply a 3/8" diameter beads of Sikaflex 1A at each panel point as shown(1a-1) to all floor panels with the exception of the first panel. Lay panels across skis clamping the panels together 1 at a time(see panel clamping guide) ensuring that panel ends remain flush(1b-1). Fastening floor panels to skis will happen in future steps. Fasten floor panels together with 193204 screws through panel joints 1" from the end of panel(1b-1) and 1 in the center of the panel joint totaling 3 screws per panel joint. Check that floor is remaining square by measuring diagonally as panels are fastened(1b-2).



1a

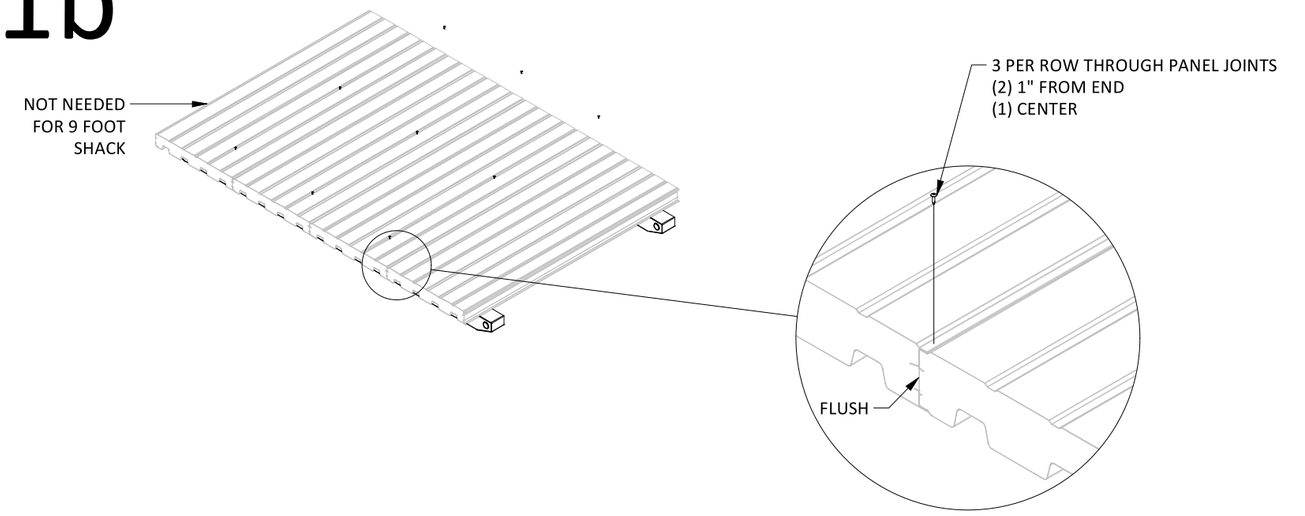




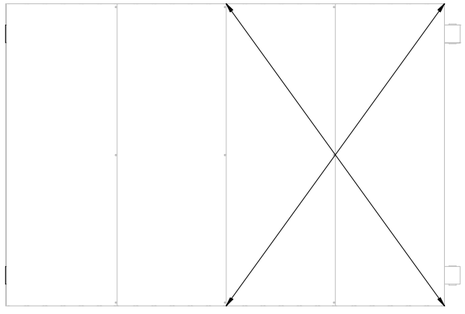


1a-1

1b

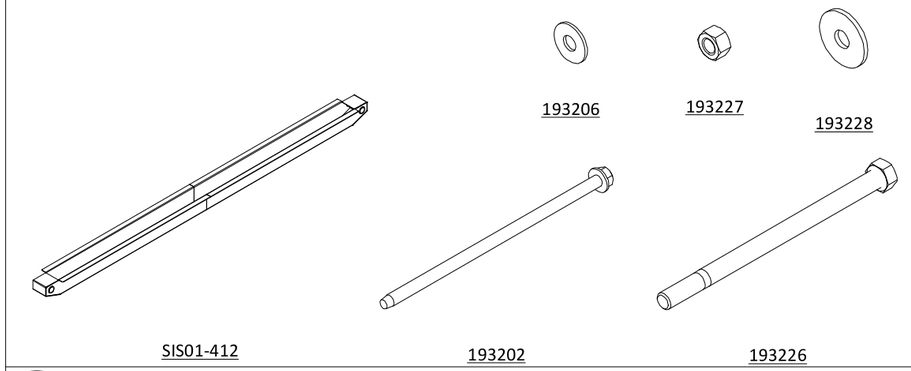



1b-1

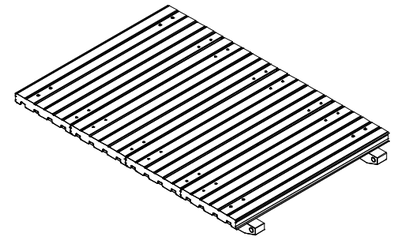


1b-2

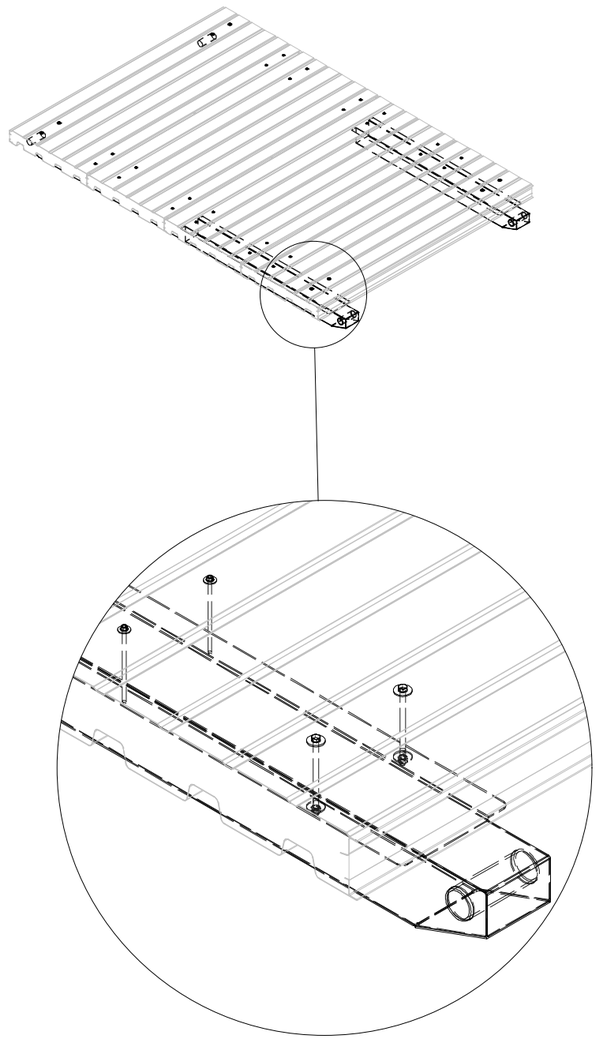
ARTspan




SKI ASSEMBLY(2):
-THE FOLLOWING IS FOR ARTSPAN SKI KIT ONLY
Adjust Ski location to the correct location from the side of the floor panels(2b-1) & flush with the front of the floor(1b-1). The ski location is symmetrical left & right. Measure and drill holes through F1 floor panels and ski for 193226 bolts(2b-2) total 4 per ski. Fasten remaining F1 floor panels to skis with 193202 self tapping screw and 193206 washer(2b-2). Measure from edge of panel to ensure 193202 will penetrate ski flange below.

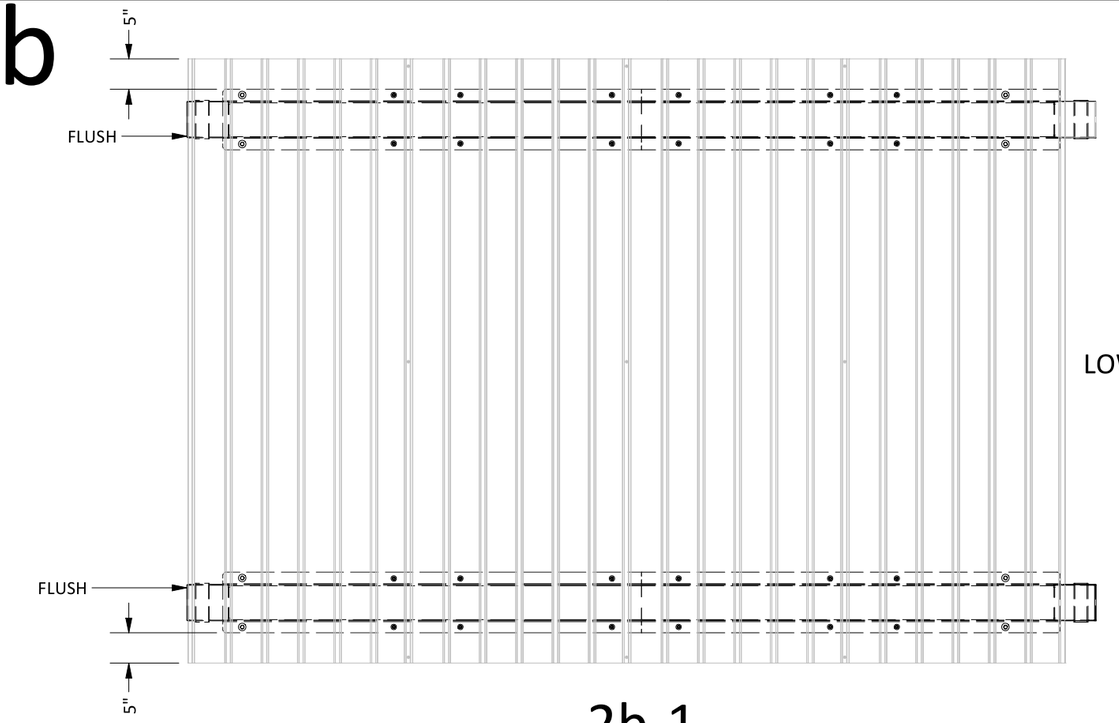


# 2a

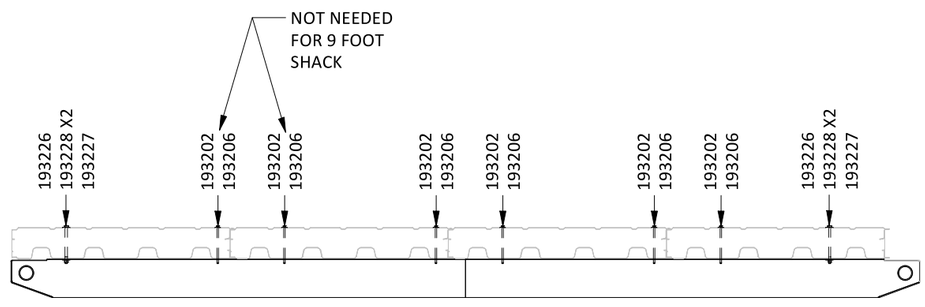


2a-1

# 2b

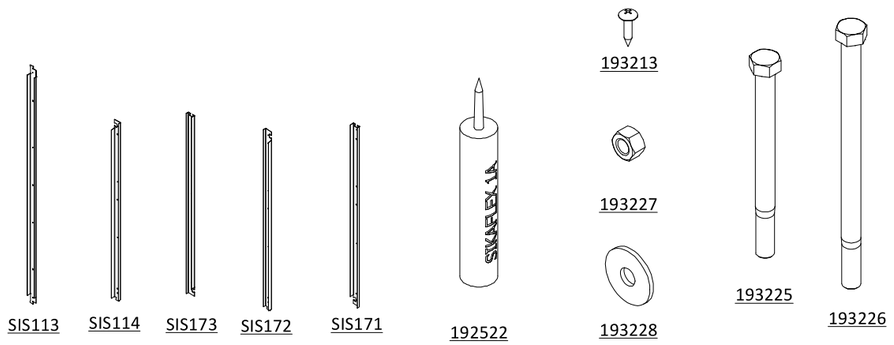



2b-1

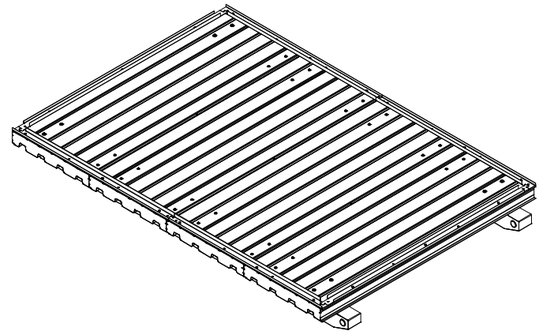



2b-2

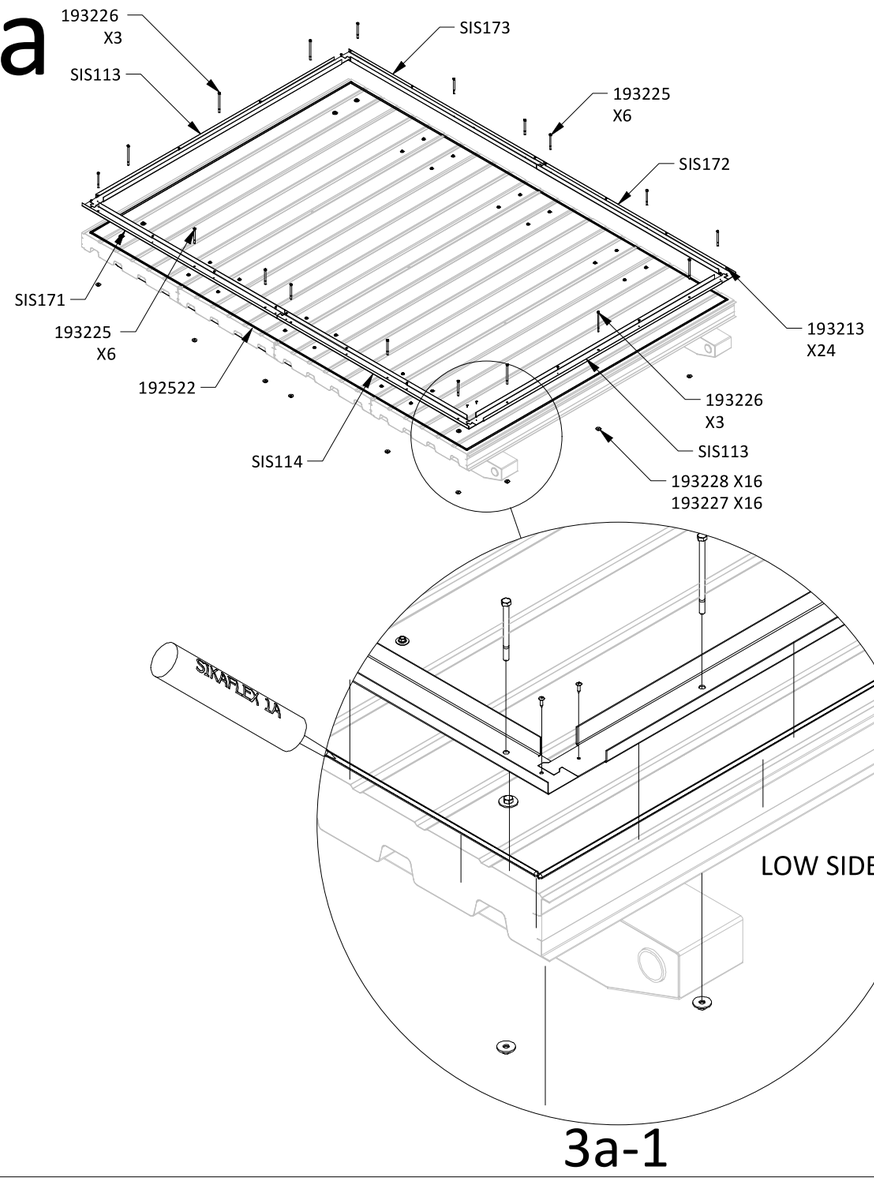
ARTspan




FLOOR ASSEMBLY(3):
-APPLY ROLL ON NON-SLIP FLOOR COATING BEFORE STARTING STEP 3 IF DESIRED. STEEL FLOOR MAY BE EXTREMELY SLIPPERY WHEN WET OR SNOW COVERED WITHOUT NON-SLIP SURFACE.
Layout all galvanized base channels into their appropriate locations (3b-1). Rear end channel to be flush with floor panel flange(3b-3). Make sure base channels are squared before tacking down to F1 floor panels with 193213 screws using 1\4" pre drilled holes. Drill 7/16 hole through the floor panels at each 7/16 hole in the base channel. Remove channels from floor and apply a 1/2" diameter bead of Sikaflex 1A to floor panels roughly 1" in from the panel edges the full perimeter of the floor(3a-1). Fasten base channels along long sides of floor with 193225 bolts and short sides with 193226 bolts. Secure bolts in place with 193228 washers and 193227 nuts from under side of floor. No washer at bolt head needed.

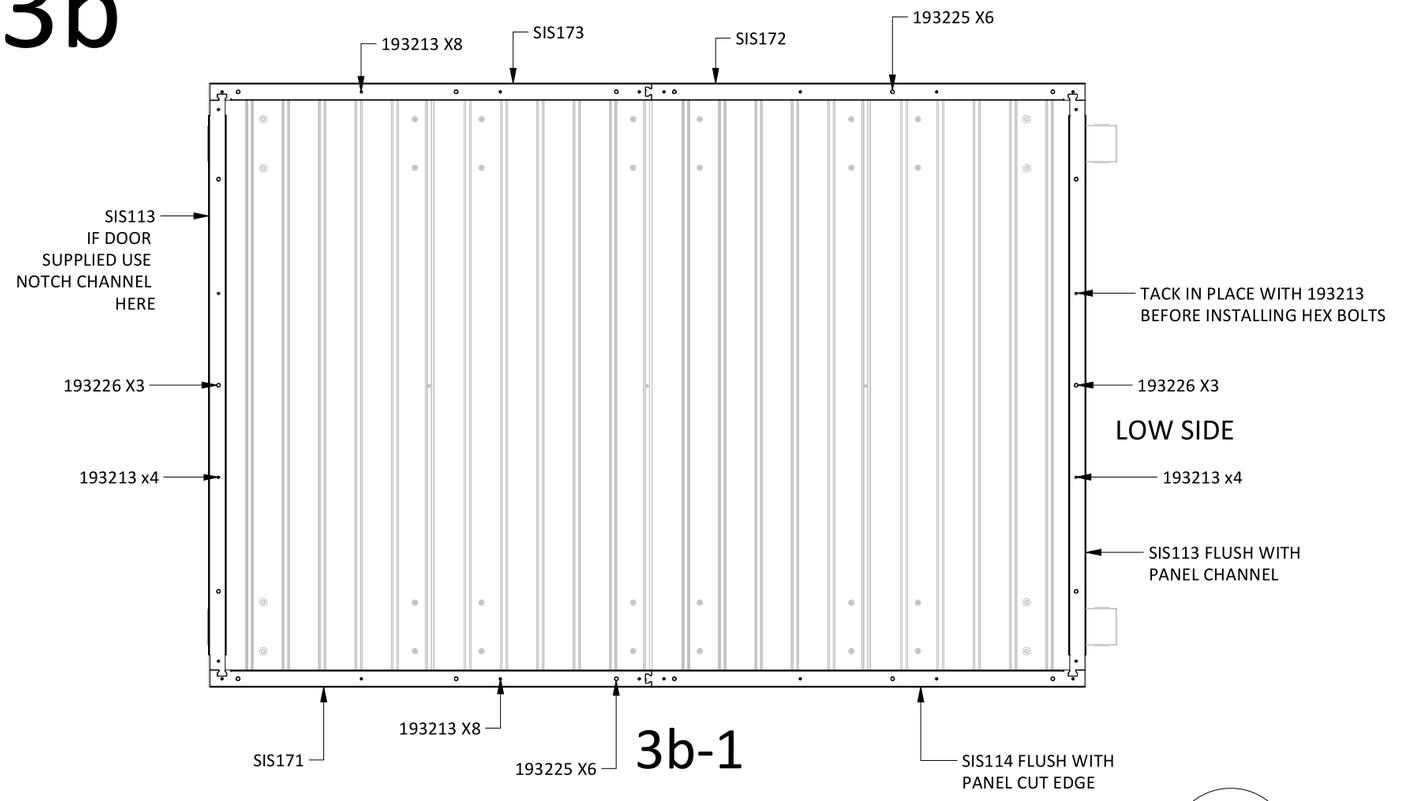


3a

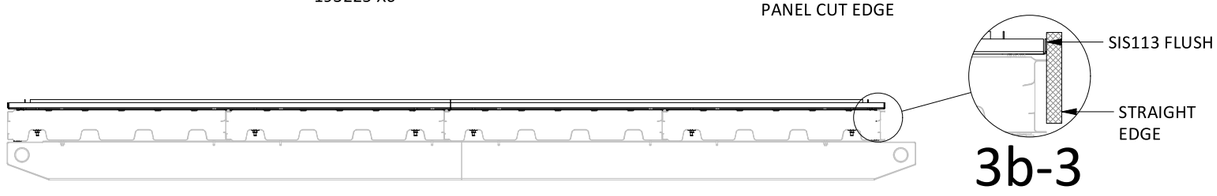



3a-1

3b



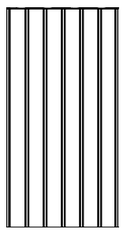

3b-1



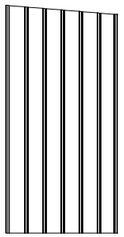

3b-3

3b-2

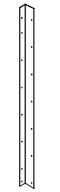
ARTspan



W10



W1



SIS135

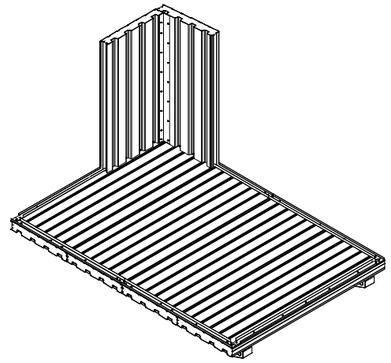

192522

193204

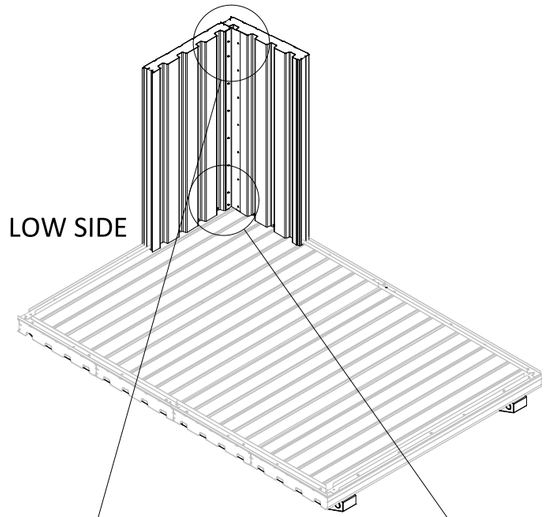


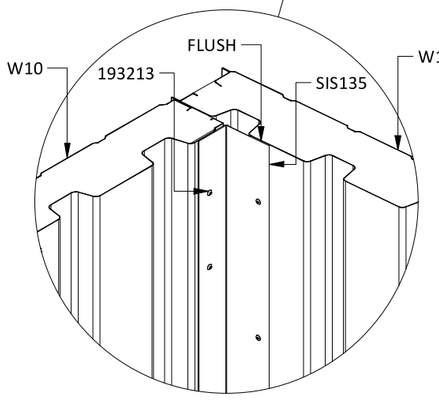
193213

WALL ASSEMBLY(4):
-CONSULT LAYOUT DRAWING FOR WINDOW AND INLET LOCATIONS BEFORE STARTING WALL ASSEMBLY.
-ENSURING CORNER IS LEVEL, PLUMB & SQUARE WILL AID IN A SUCCESSFUL BUILD.
Dry fit wall panels W1 & W10 in place. Once comfortable with the setup remove panels and apply a single 3/8" bead of Sikaflex 1A as shown on (4b-2). Sikaflex 1A should extend past panel sections to be installed by 2"(4b-3). Sikaflex should be placed in the center of the galvanized base channel(4b-3). Lift panels 1 at a time onto base channel inserting the kerf on the bottom of the panel into the vertical legs of the base channel. Level, square & plumb the newly formed corner(4b-1). Once satisfied with results fasten panel to base channel with 193204 screws(4a-2) in each panel recess 1" up from floor. Maintaining Level, square & plumb install SIS135 as shown on(4a-1&2) so that it is flush with the top of the panels. Fasten SIS135 in place with 193213 screws using the predrilled holes.

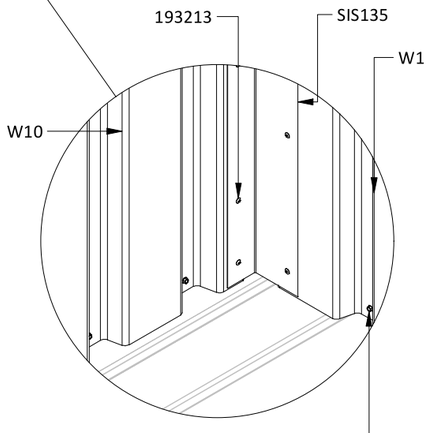


# 4a



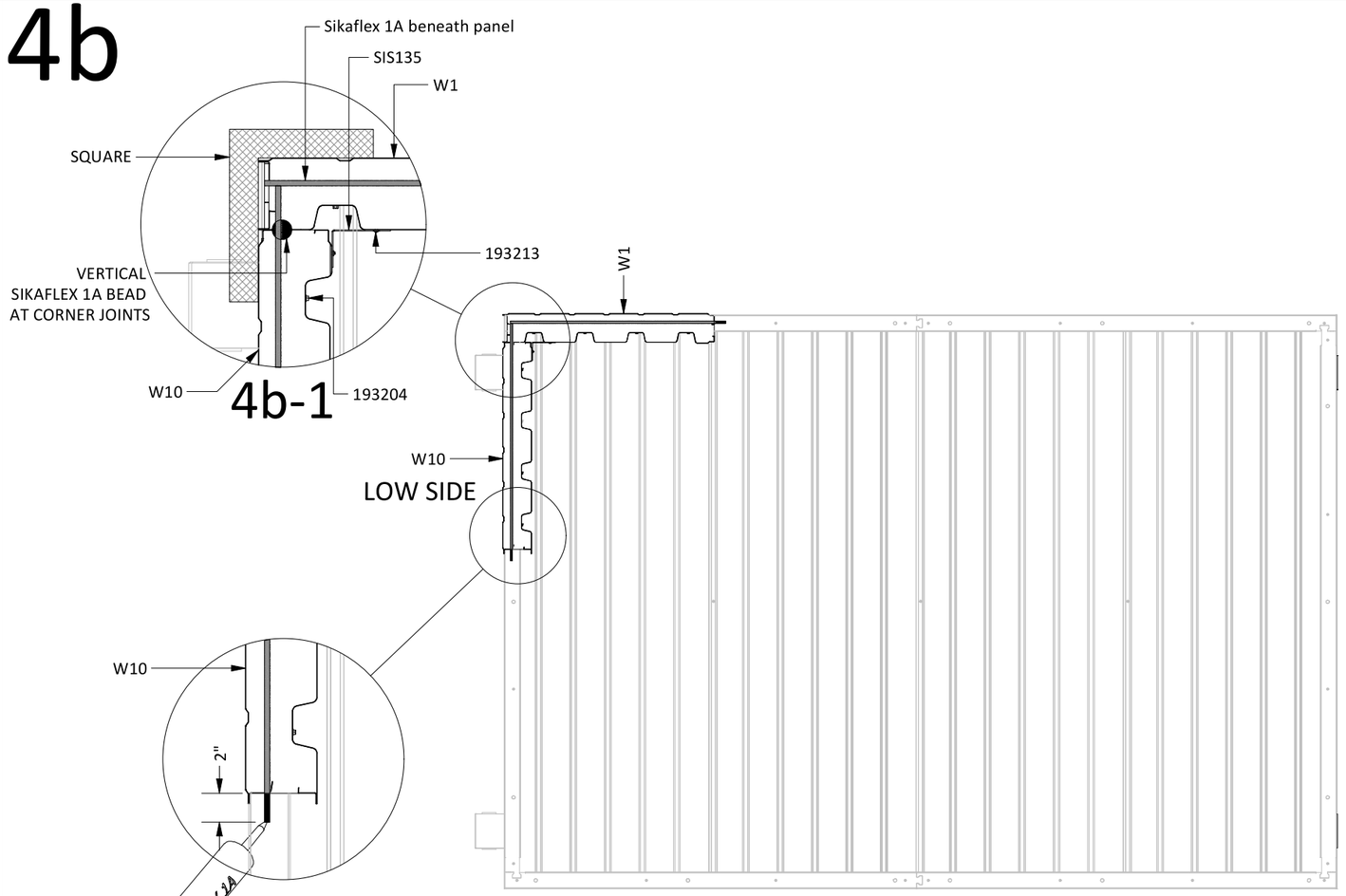




4a-1




4a-2

# 4b



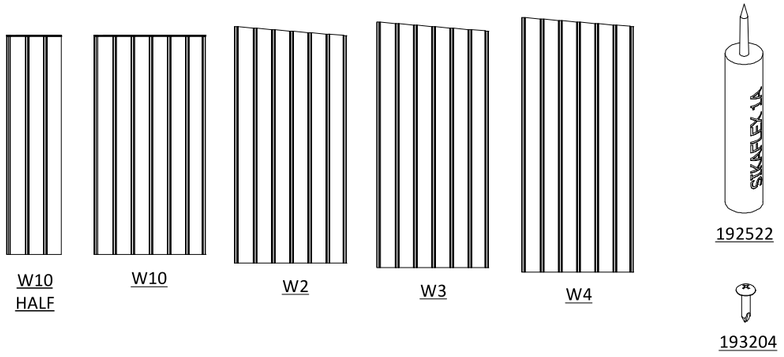

4b-1



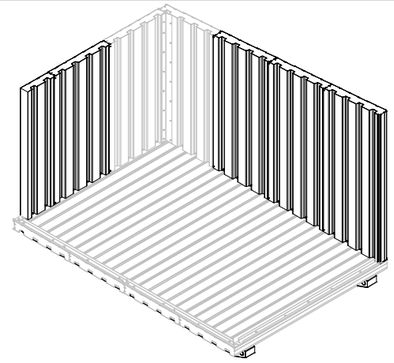

4b-3

4b-2

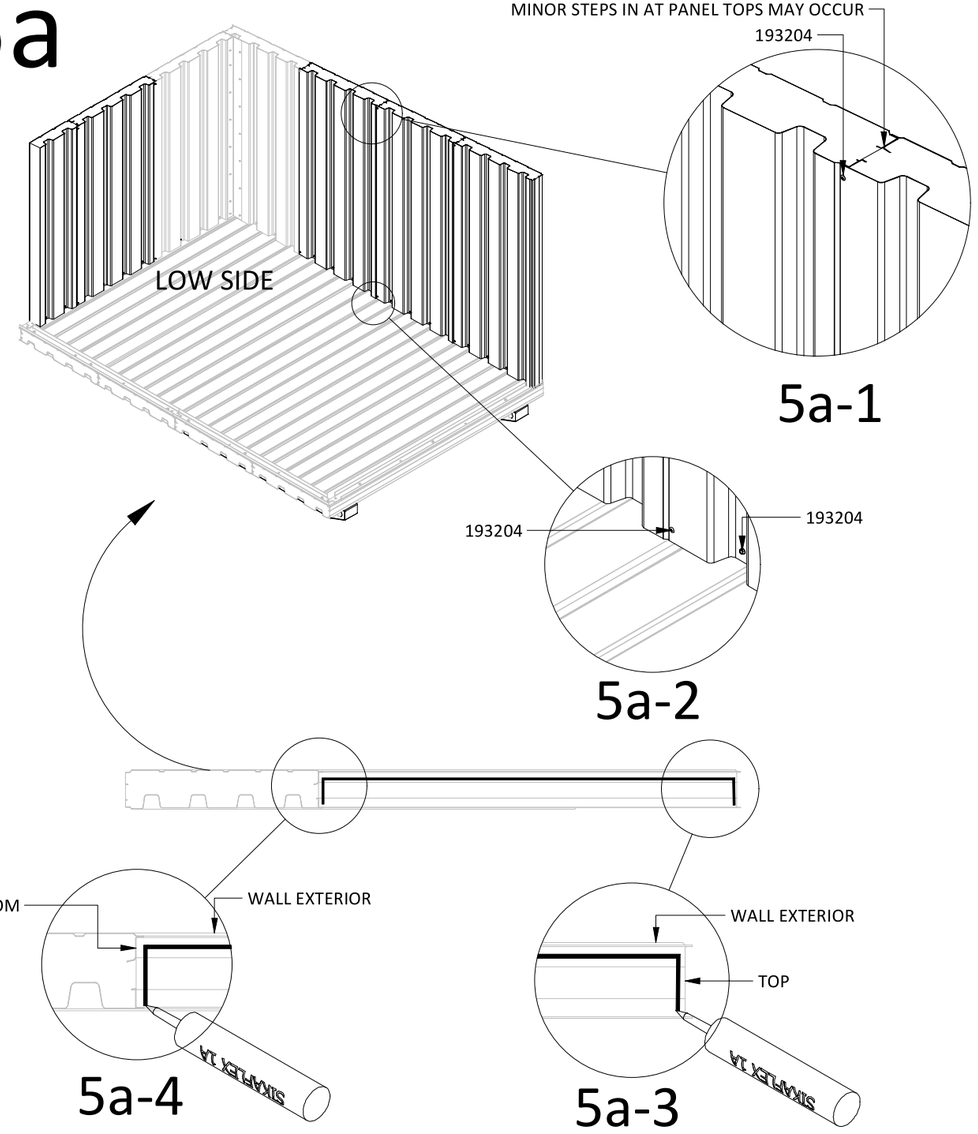
ARTspan




WALL ASSEMBLY(4):
-ENSURING WALL PANELS ARE LEVEL & PLUMB AND SQUARE DURING INSTALLATION WILL AID IN A SUCCESSFUL BUILD.
Apply a single 3/8" diameter bead of Sikaflex 1A in the center of the galvanized base channel for the wall section to be installed(5b-1&2). Apply a single 1/4" diameter bead of Sikaflex 1A to each panel joint(5a-3&4)). Lift panels 1 at at time onto base channel inserting the kerf on the bottom of the panel into the vertical legs of the base channel. Clamp panels joints until full contact is made. Install 1 193204 screw 1" down from top of panel(5a-1). Install 1 193204 screw 1" up from bottom of panel(5a-2). Install 4 193204 screws 1" up from floor in each flute(5a-2). Release panel clamp. Repeat these steps for remaining wall panels in step 5. Note wall assembly direction indicated(5b-2)



5a



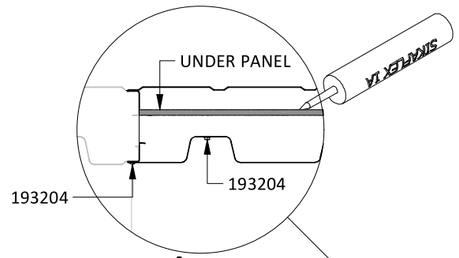

5a-1

5a-2

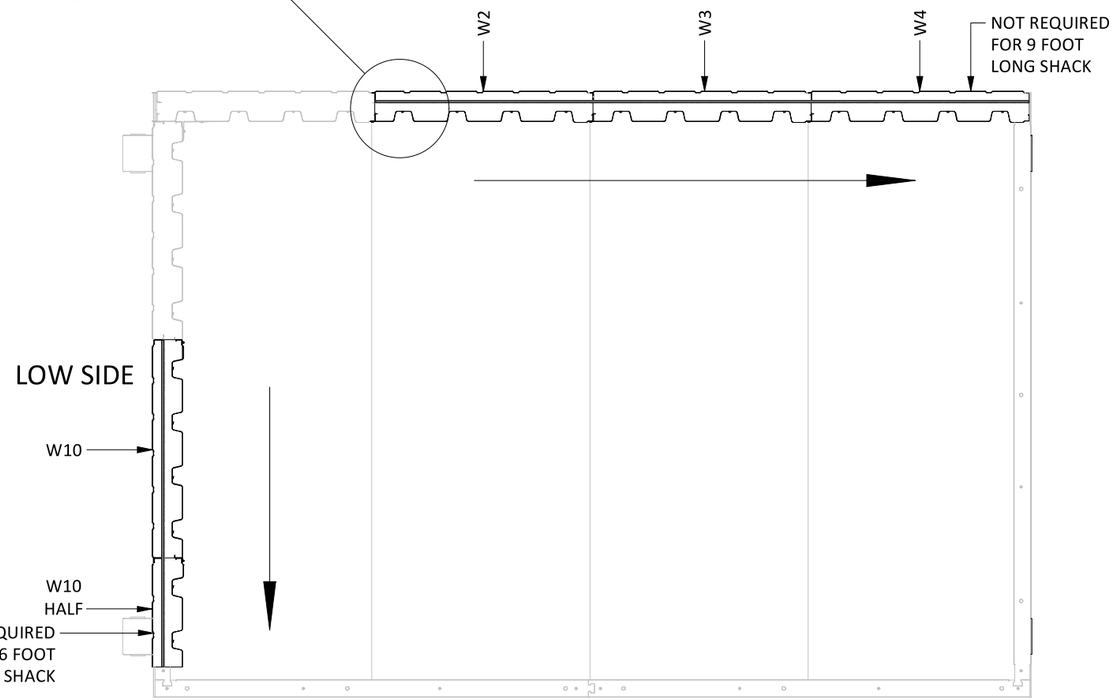
5a-4

5a-3

5b

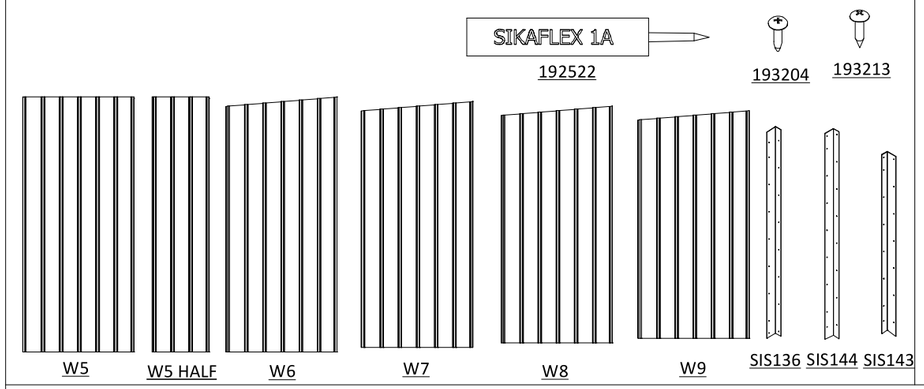



5b-1

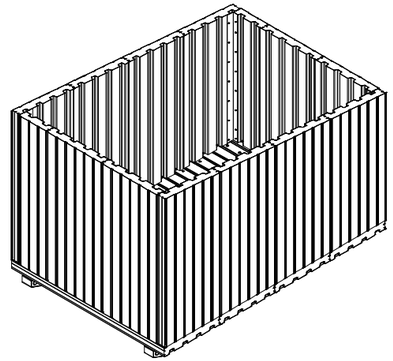



5b-2

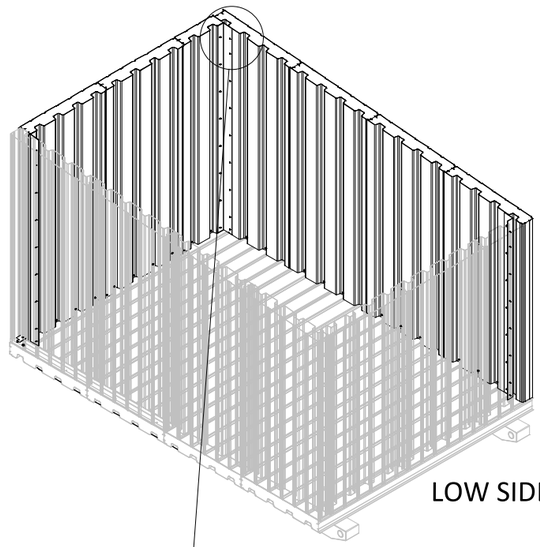
ARTspan

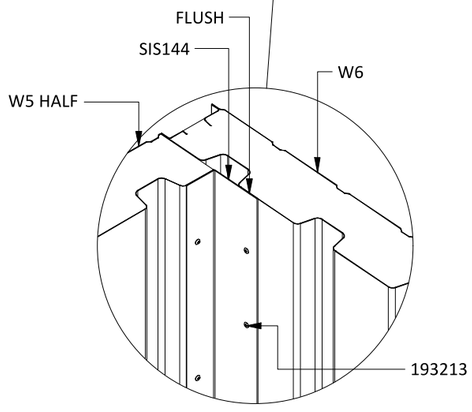



WALL ASSEMBLY(5):
-ENSURING WALL PANELS ARE PLUMB & SQUARE DURING INSTALLATION WILL AID IN A SUCCESSFUL BUILD.
Repeat steps in wall assembly(5) for remaining wall panels. Install corner angles in their appropriate location(6b-2,3&4) during wall assembly(6b). Flush all corner angles to the top of the wall panels and fasten in place with 193213 screws(6a-1). Notice the panel nesting for each corner and panel installation direction indicated in the(6b-1).



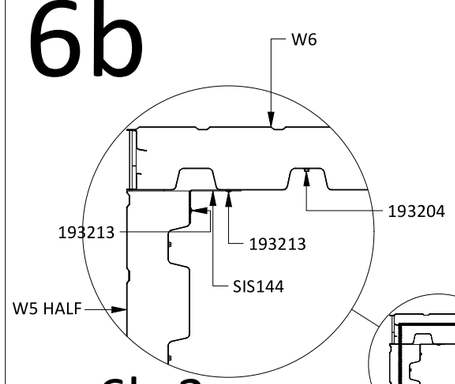
# 6a



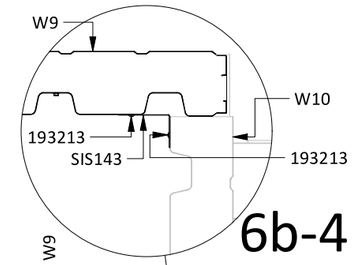




6a-1

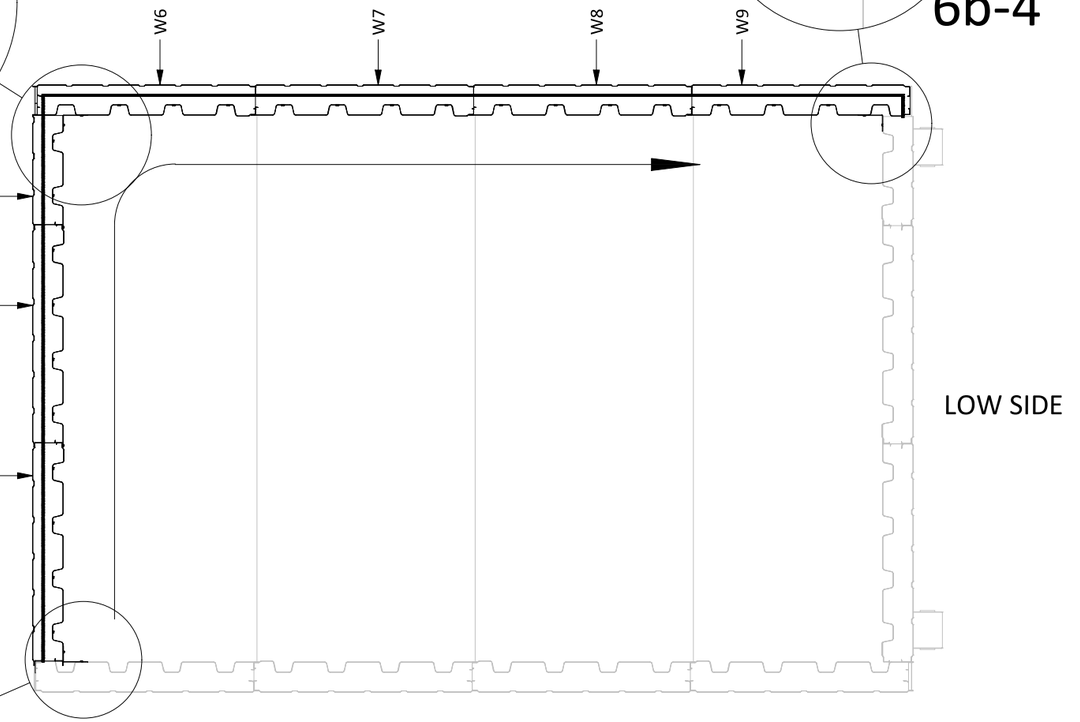
# 6b



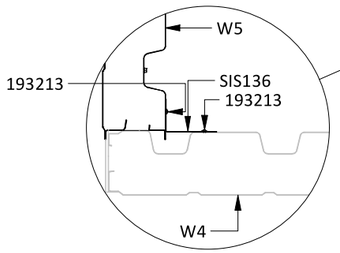

6b-3




6b-4

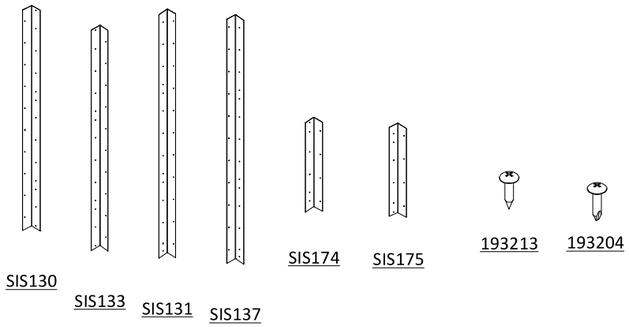



6b-1

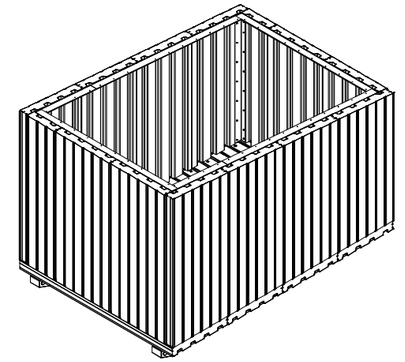



6b-2

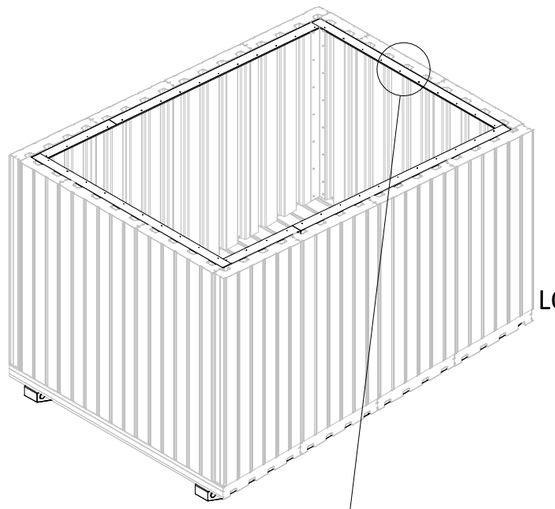
ARTspan

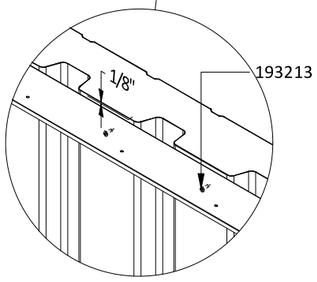



ROOF ANGLE ASSEMBLY(6):
Install front and back roof angles followed by the side roof angles in their appropriate locations(7b-1) 1/8" lower than the top of the wall panels(7a-1). Front and back angles to be installed first followed by the side angles with 193213 screws. Install additional 193204 screws at the corners where angles overlap. All screws to be installed into pre drilled holes. Small gaps at the corners may be aceptable. If gaps do occur seal with spray foam(not supplied) or silicone(7b-2)



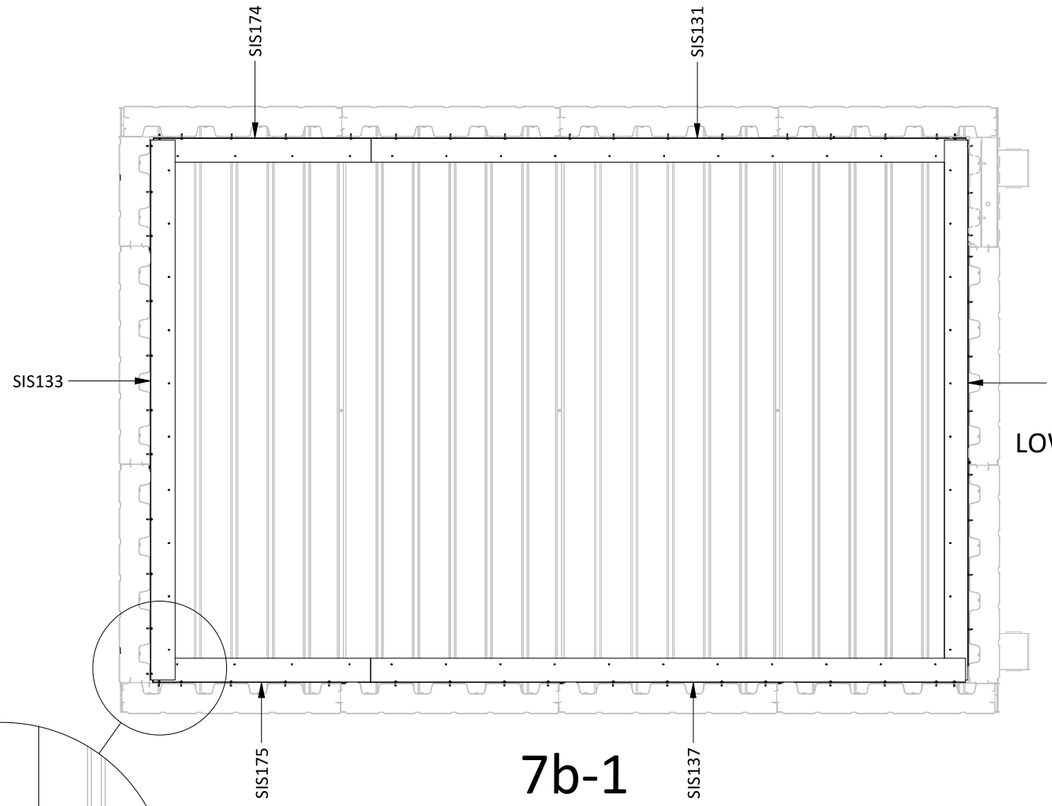
# 7a



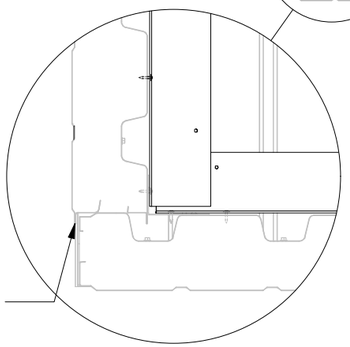




7a-1

# 7b

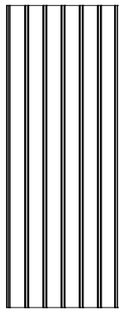



7b-1




7b-2

ARTspan



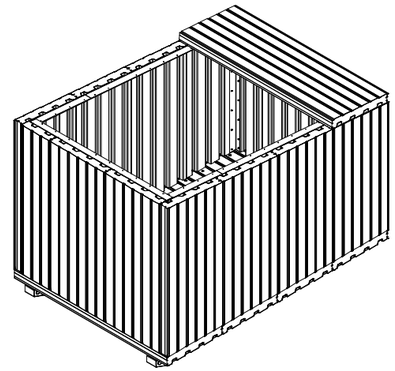
R1

193213

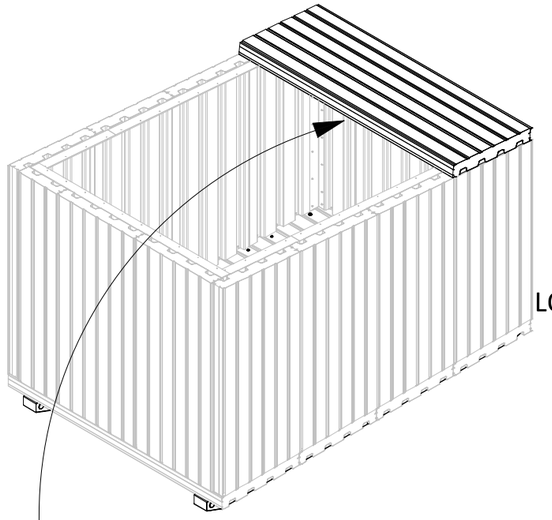
192710


192522

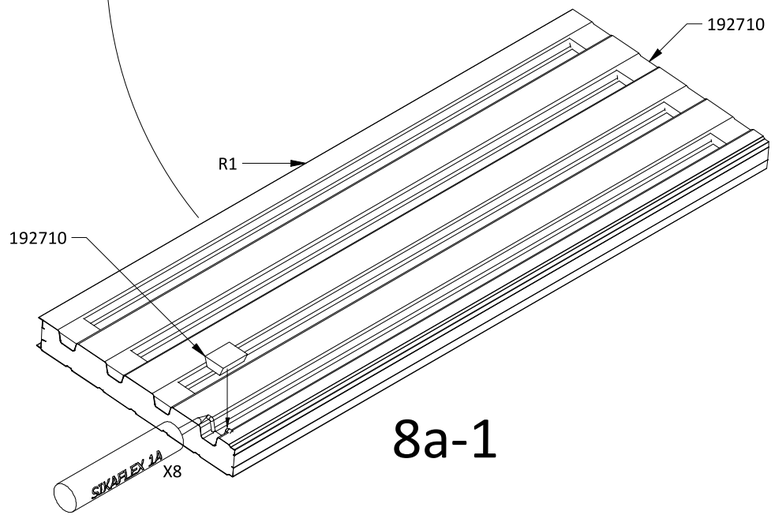
ROOF ASSEMBLY(7):
--CONSULT LAYOUT DRAWING FOR CHIMNEY LOCATION BEFORE STARTING ROOF ASSEMBLY.
Lay down first roof panel and place a 1/2" bead of Sikaflex 1A in each deep flute 2" from panel edge(X8)(8a-1). Test fit 192710 in a dry location of each flute and trim to fit if needed. Install 192710 over top of Sikaflex 1A bead. Apply a 1" bead of Sikaflex 1A to the top of wall panel where the first roof panel will rest(8b-1). Lift panel onto wall and center on rear wall. Note the orientation of the roof panel(8b-3). The roof panel should be roughly 1/4" in from each side wall(8b-3) and 1/4" in from end wall(8b-2). Fasten roof panel to roof angle with 193213 screws at each pre drilled hole in roof angle.



# 8a

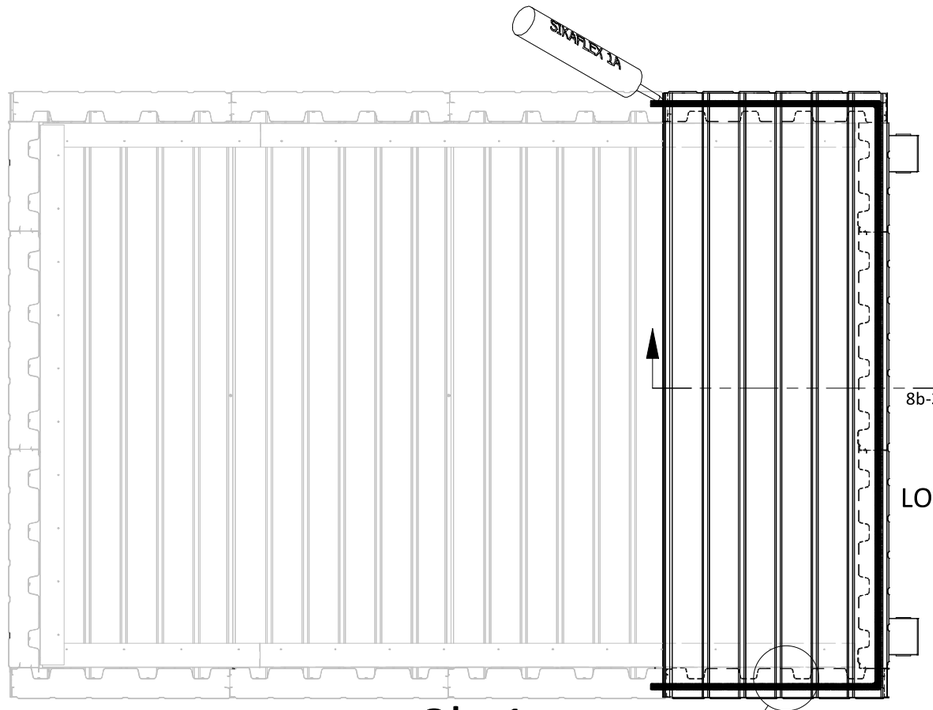


LOW SIDE

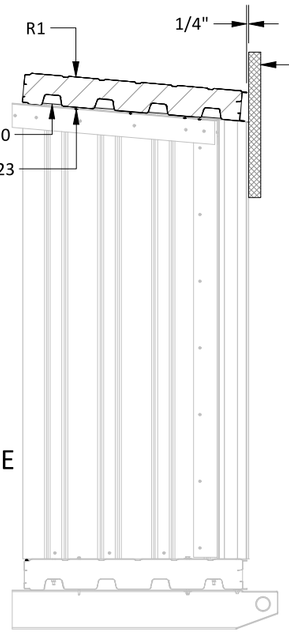



8a-1

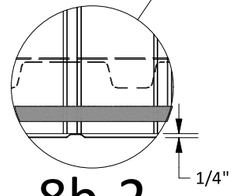
# 8b




8b-1

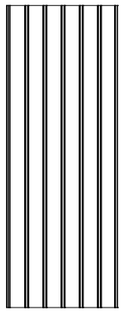



8b-3

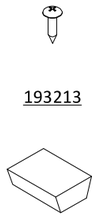



8b-2

ARTspan



R1



193213

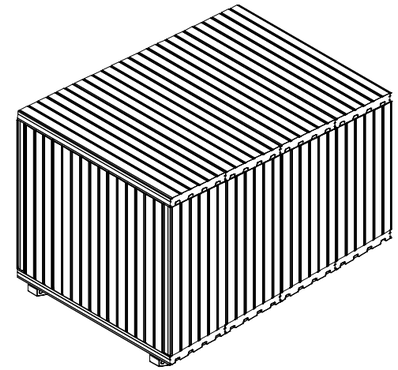


192710

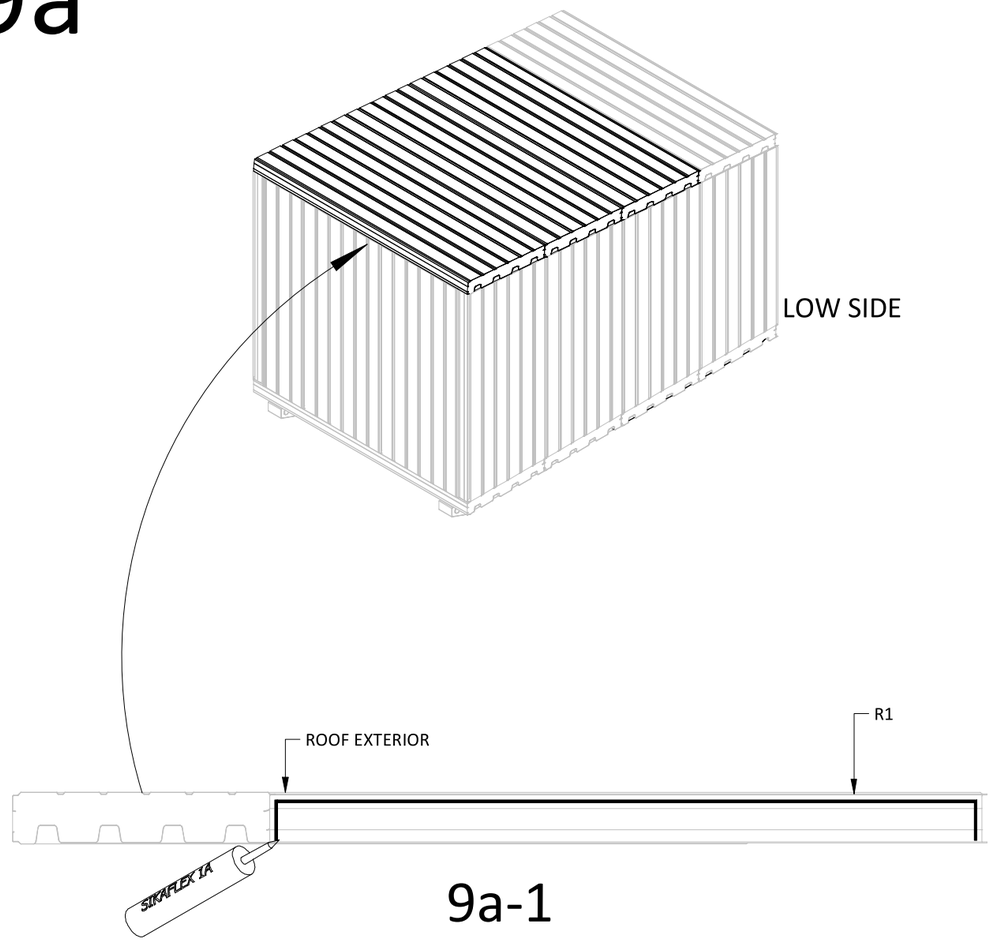

192522


192527

ROOF ASSEMBLY(8):
Apply a 1/4" bead of Sikaflex 1A to R1 roof panels(9a-1). Apply a 1" bead of Sikaflex 1A to the top of the walls where the roof panels will rest. Recommended Sikaflex application for one panel at a time. Apply 1/4" bead of silicone to each roof seam(9b).

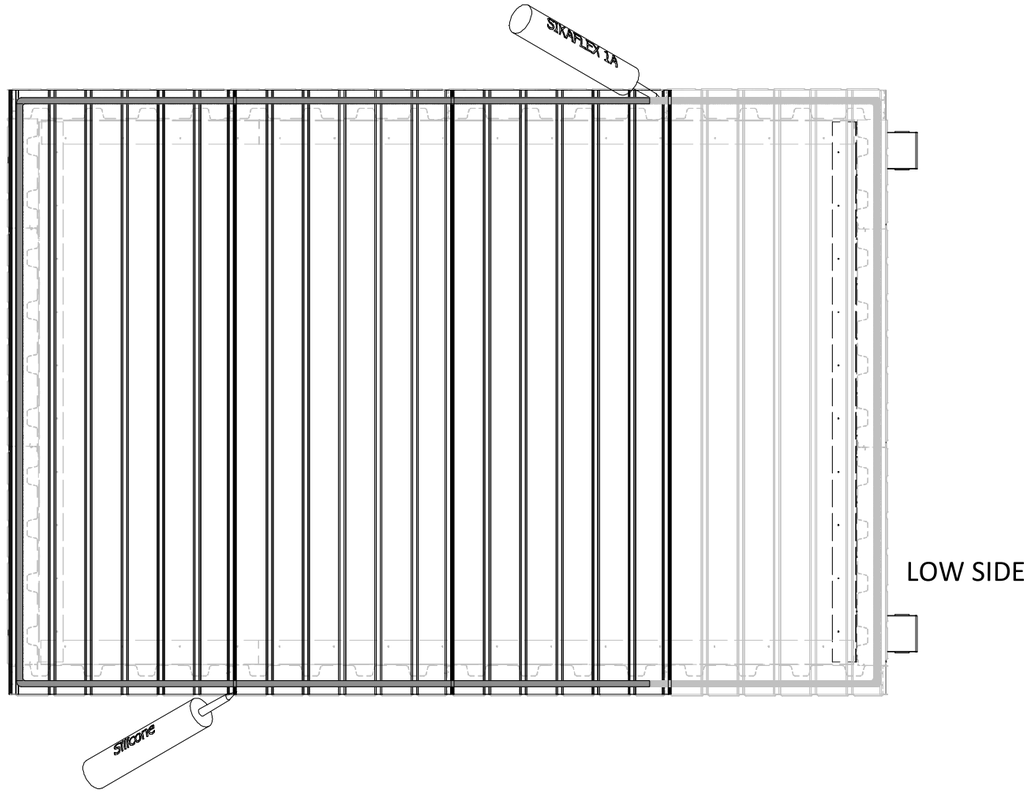


# 9a




9a-1

# 9b



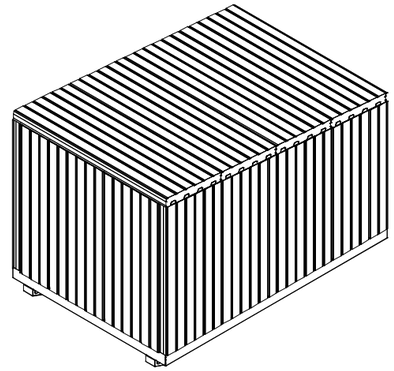

ARTspan

SIS122
10FT

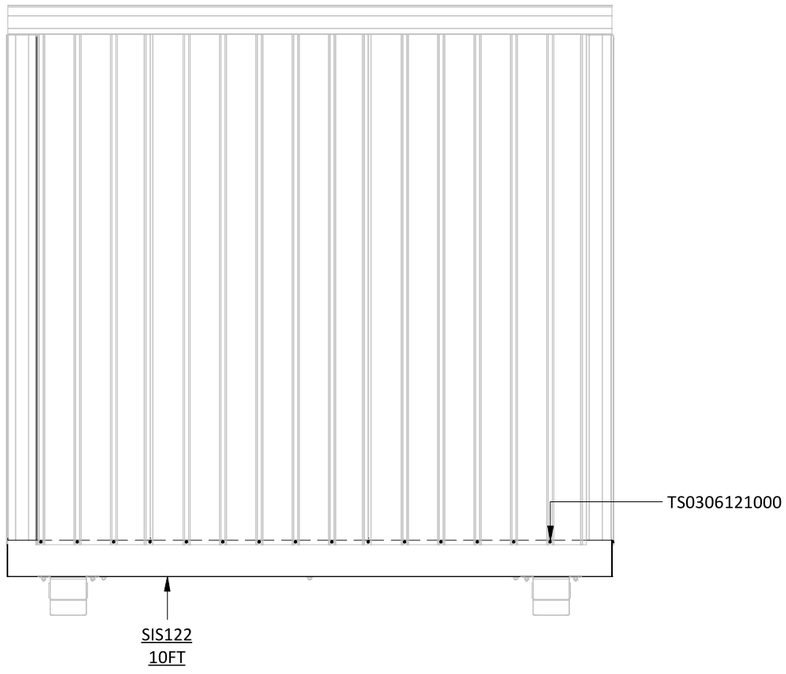
SIS122
12FT

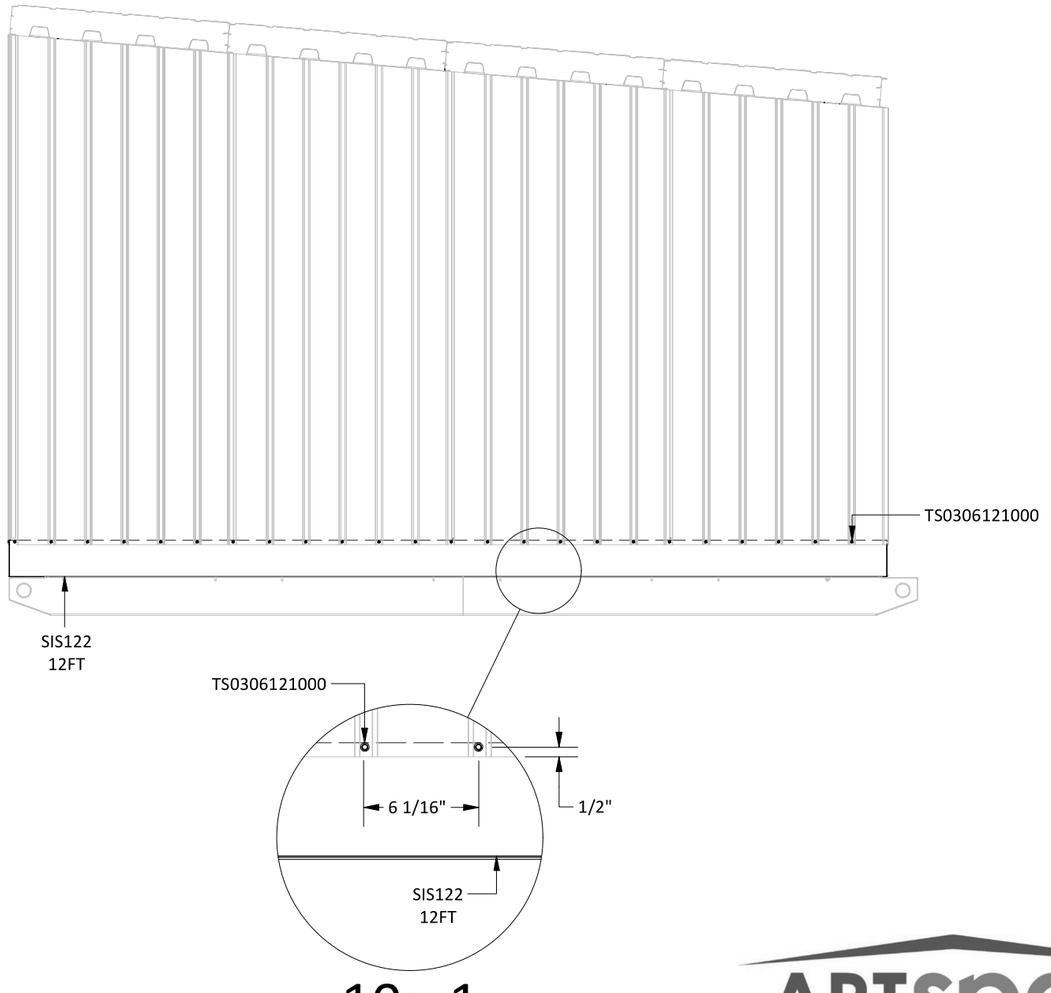
TS0306121000

TRIM ASSEMBLY(9):
Cut trim SIS122 & SIS123 the length of the building. Slide trim up into kerf cut at the bottom of wall panels & fasten in place with TS0306121000 screws 6" on center in each panel recess(10-1).



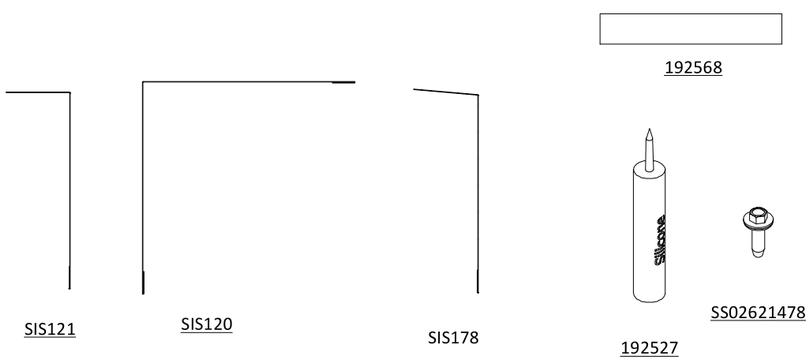
# 10a



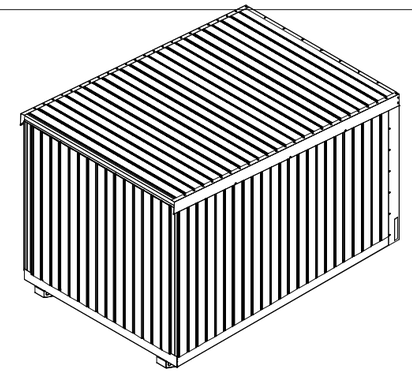




10a-1

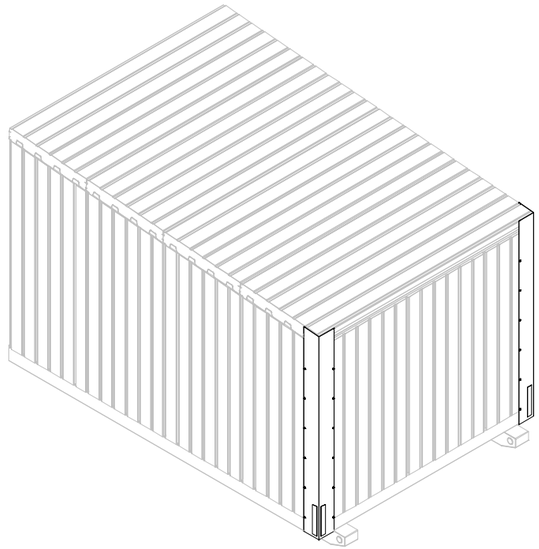
ARTspan

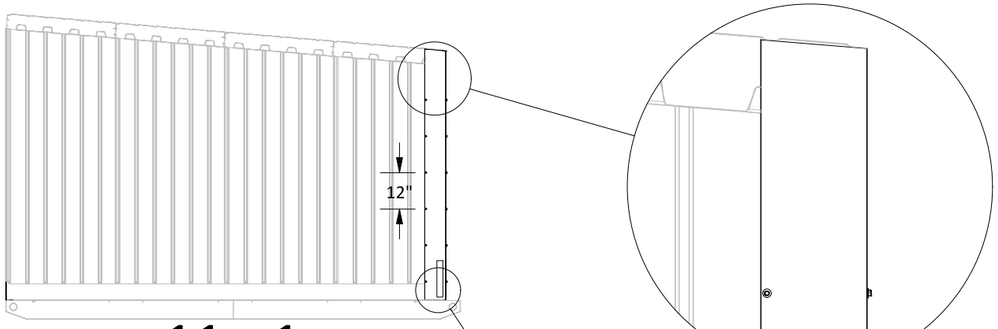



TRIM ASSEMBLY(10):
Flush trim ASCC10 to bottom of floor(11a-2) cut top of trim to roof pitch(11a-3). Fasten in place with SS02621478 screws starting at 6" from bottom(11a-2) followed by 12" centers with a total of 6 per side of ASCC10(11a-1). Cut trim SIS178 4" wider than building. Notch and fold 2" on each end(11b-1). Apply a bead of silicone beneath SIS178(11b-1). Fasten with SS02621478 screws to wall next to each panel joint and roof at 12" centers excluding 1 at each roof corner(11b-4). Cut trim SIS121 to roof pitch at low side(11b-3). Trim can stick past on high side if desired as it will be covered in future steps. Apply a bead of silicone beneath SIS121(11b-1). Fasten to roof panels at 6" centers next to each shallow recess and to walls next to each panel joint(11b-2) 36" centers with an additional 2 at each SIS178 fold(11b-3). Cut and apply 12" strips of 192568 reflective tape 2 pieces per corner(11a).



# 11a

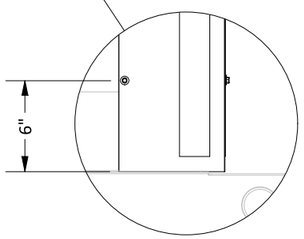





11a-1

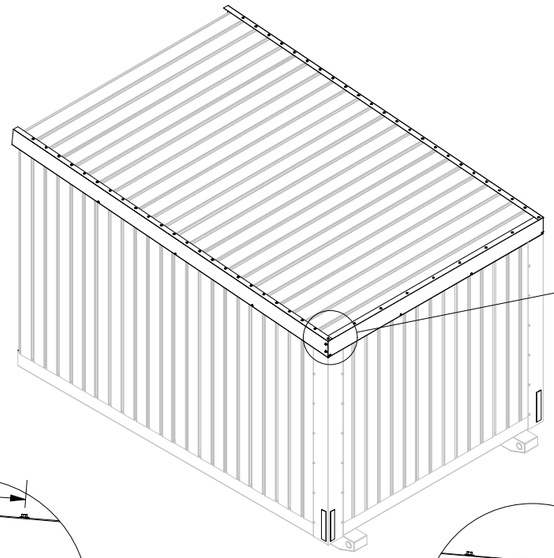


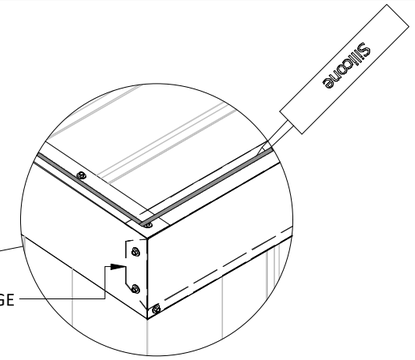
11a-3



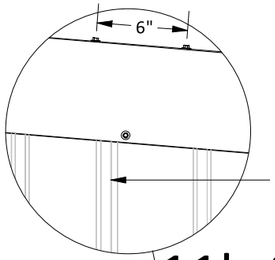

11a-2

# 11b

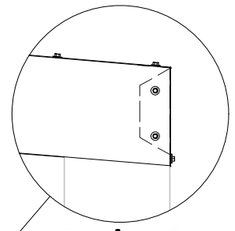




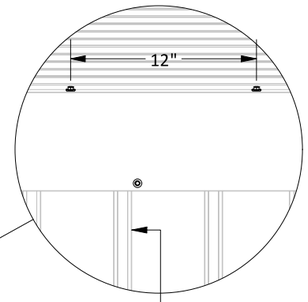

11b-1



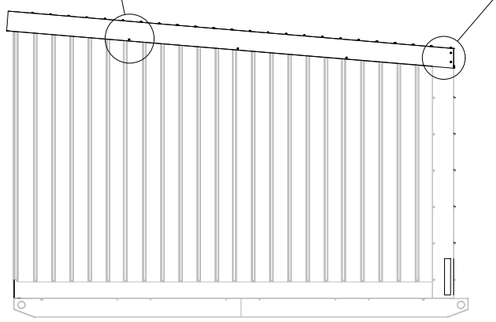

11b-2

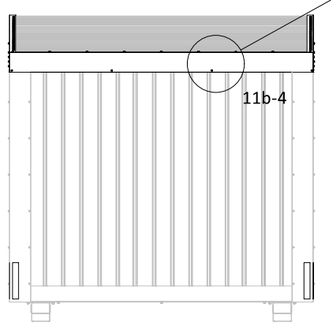


11b-3

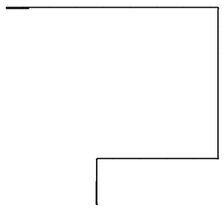



11b-4

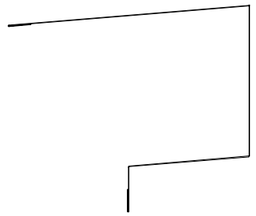





ARTspan



SIS118

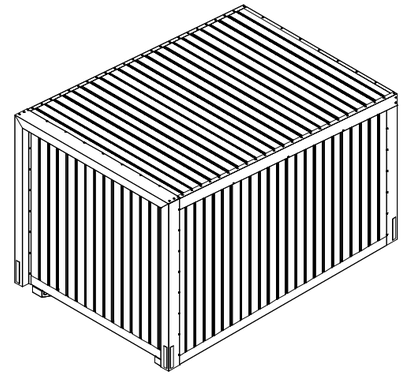


SIS124

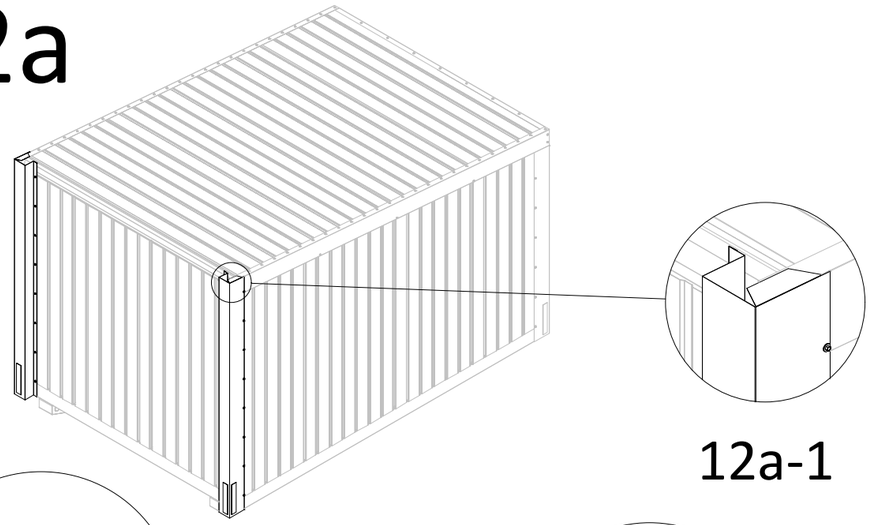
SS02621478

192568

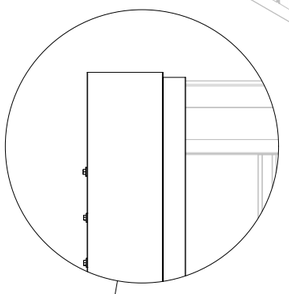
TRIM ASSEMBLY(11):
Cut trim SIS118 to roof pitch(12a-3) leaving 2" at the top to create a 2" fold(12a-1). Dry fit trim in place and mark the bottom and cut to the bottom of the floor panel. Fasten in place with SS02621478 screws starting 6" from the bottom followed by 12" centers as shown(11a). Cut trim SIS124 to exterior width of SIS118. Miter front face of SIS124(12b-2). Fasten to wall panels with SS02621478 screws at 36" centers next to each panel joint and to roof panels at 12" centers with and additional 2 per SIS118 trim fold(12b-1). Cut and apply 12" strips of 192568 reflective tape 2 pieces per corner(12a).



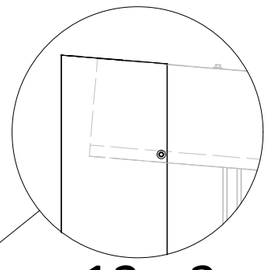
# 12a



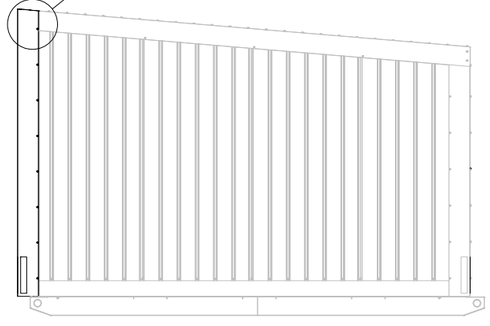
12a-1



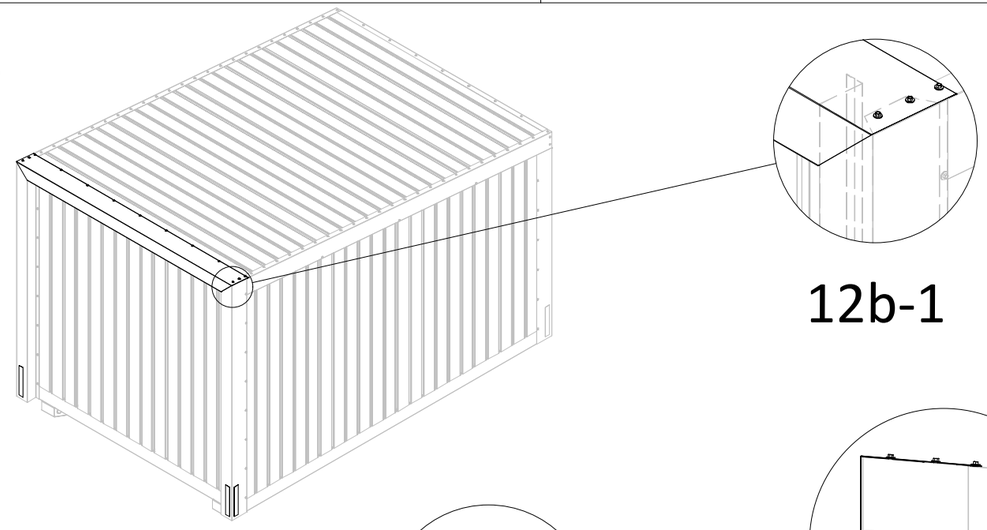
12a-2



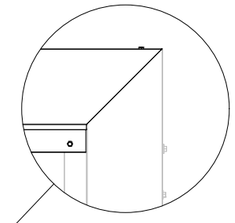
12a-3



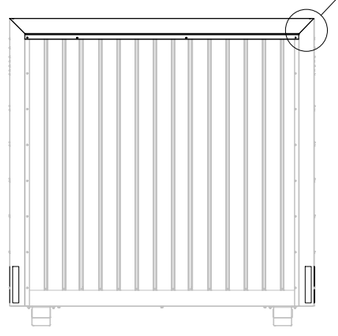
# 12b

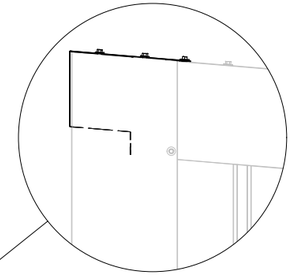


12b-1

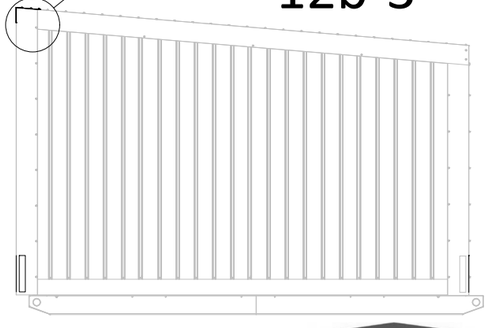


12b-2



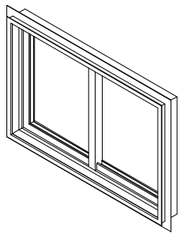


12b-3

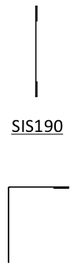


ARTspan

# WINDOW INSTALLATION



192715



SIS190



SIS189

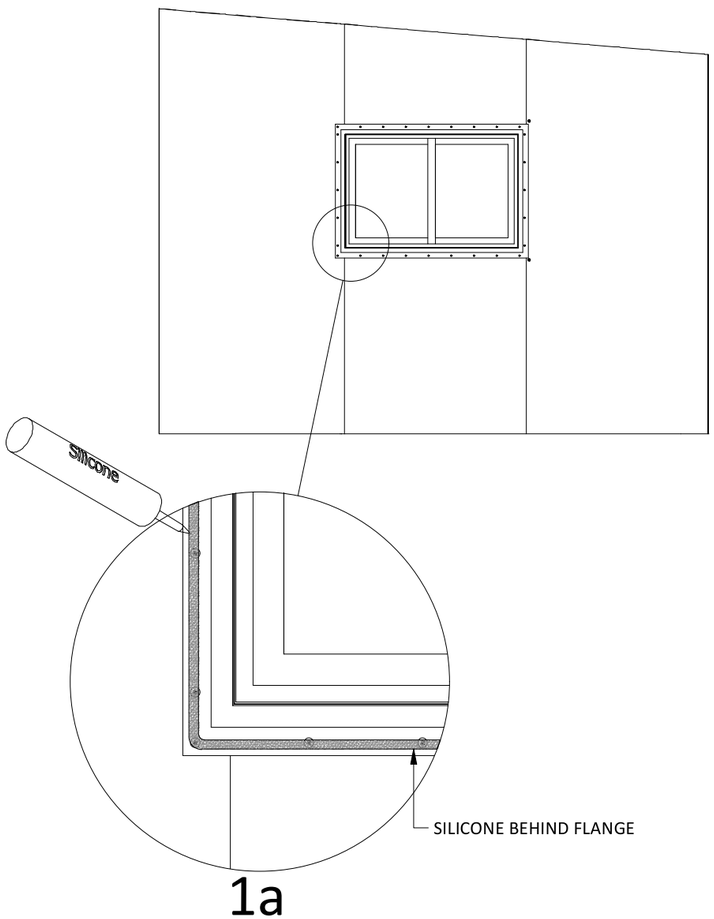

192527

193200

SIS188

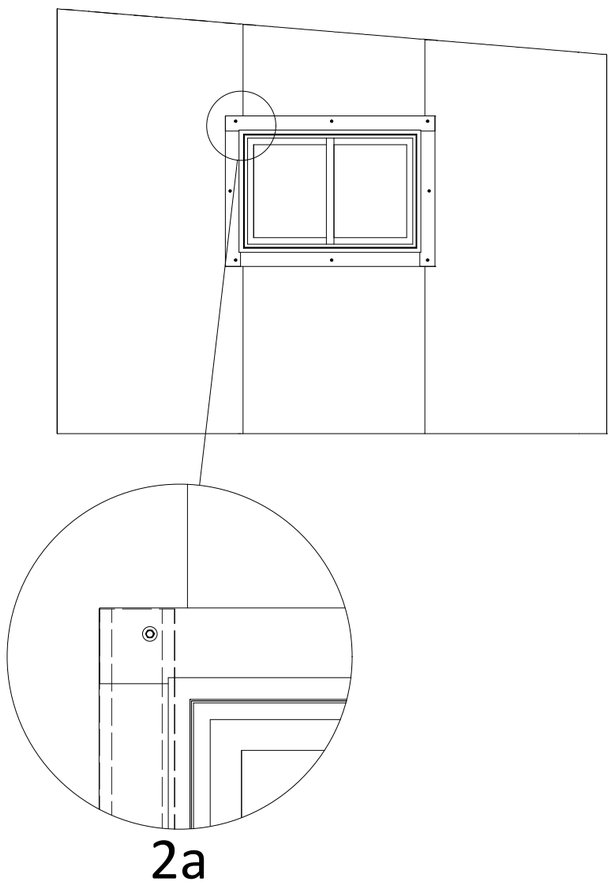
193213

**1** Dry fit window into pre-cut rough opening. Remove window from opening and apply a 3/8" diameter bead of silicone on the exterior of the wall panels where the window flange will contact. Reinstall window centering and leveling it in the opening fastening in place with 193213 screws. Silicone around window flange to ensure window is sealed around the full perimeter.



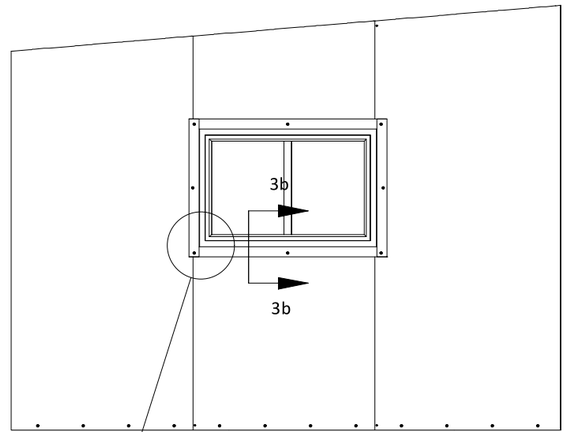

1a

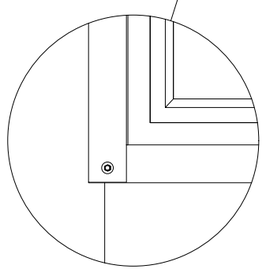
**2** Cut and install exterior window trim SIS190. Fasten in place over window the flange with SIS188 screws in each corner and center of trim or as needed.



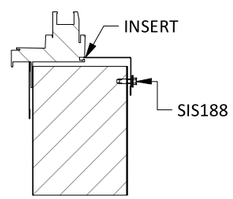
2a

**3** Spray foam window if desired (spray foam not included). Cut and install interior window trim SIS189. Insert trim into window groove(3b). Fasten trim into place with 193200 screws in each corner and center of trim or as needed.



3a




3b

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# DOOR INSTALLATION

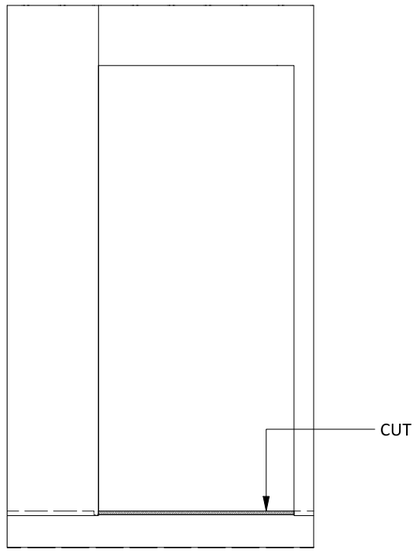
ASI17-108

193200

193213

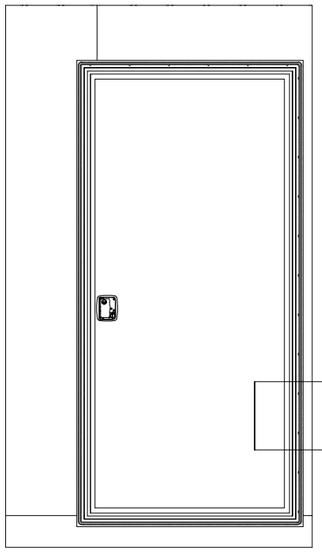

192527

**1** Cut flange of top of trim SIS123 to the width of the door opening and dry fit door in opening. Door should bear directly on insulated panel floor.

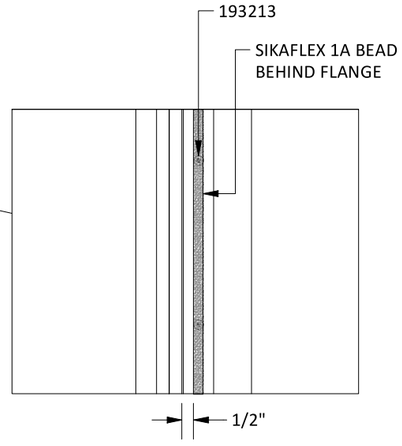


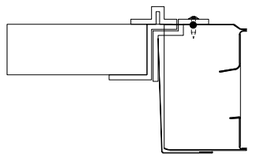

EXTERIOR VIEW

**2** Place a single 1/4" diameter bead of silicone on the insulated panel 1/2" from the door rough opening. Insert door into the opening making sure the door is centered and level. Fasten in place with 193213 screws in every supplied hole in door flange. Slilicone around door flange to ensure door is sealed around the full perimeter.



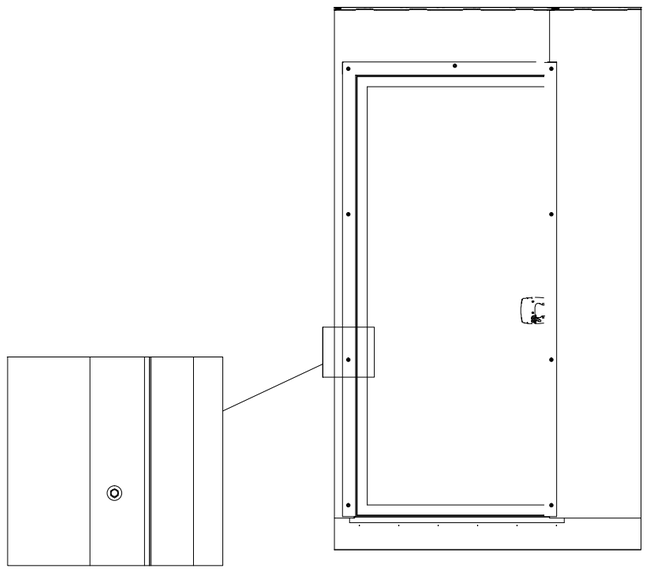
EXTERIOR VIEW



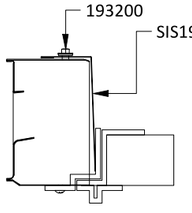



DOOR CROSS SECTION

**3** Spray foam door rough opening if desired(spray foam not supplied).Cut and install trim SIS191 to finish sides and top of interior door rough opening. Install trim against inside flange of door frame as shown on the door cross section. Fasten in place with 4 vertical and 3 horizontal 193200 screws or as needed.



INTERIOR VIEW




Door Cross Section

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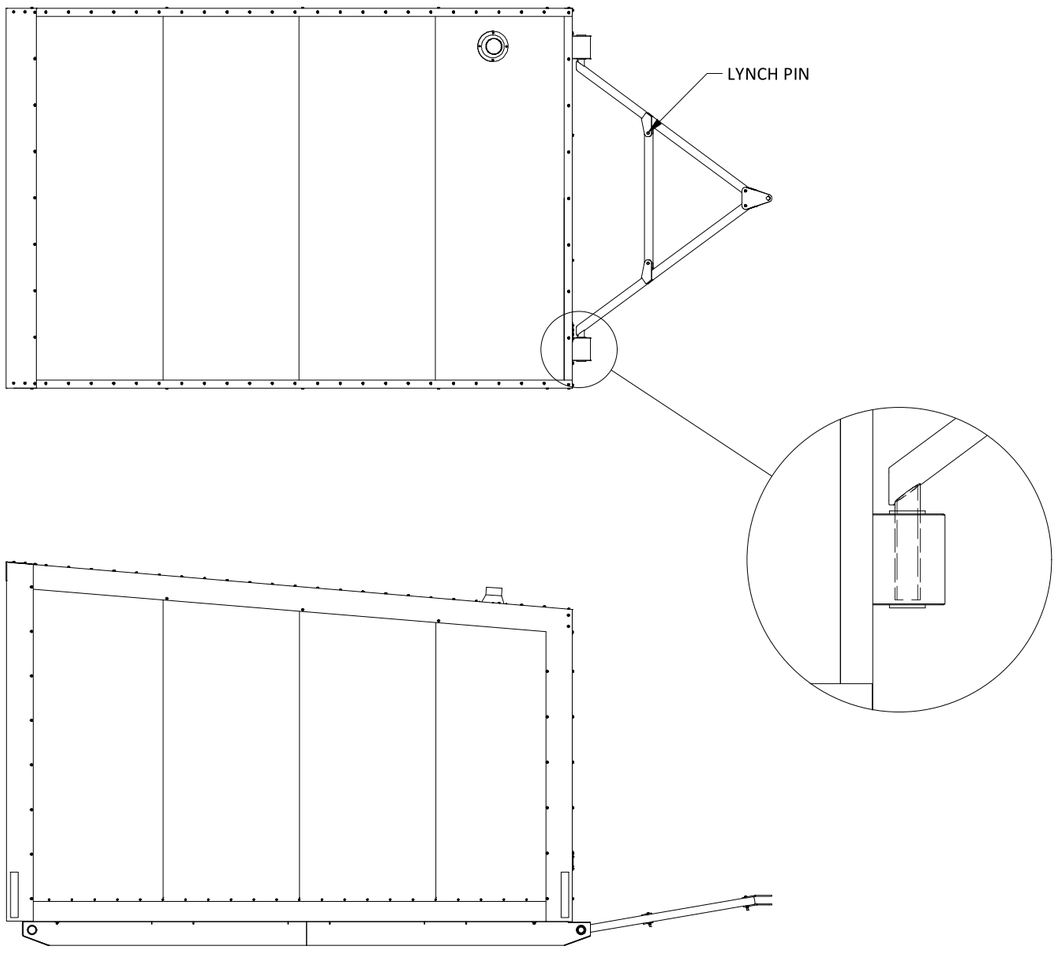
## TOW BAR ASSEMBLY:

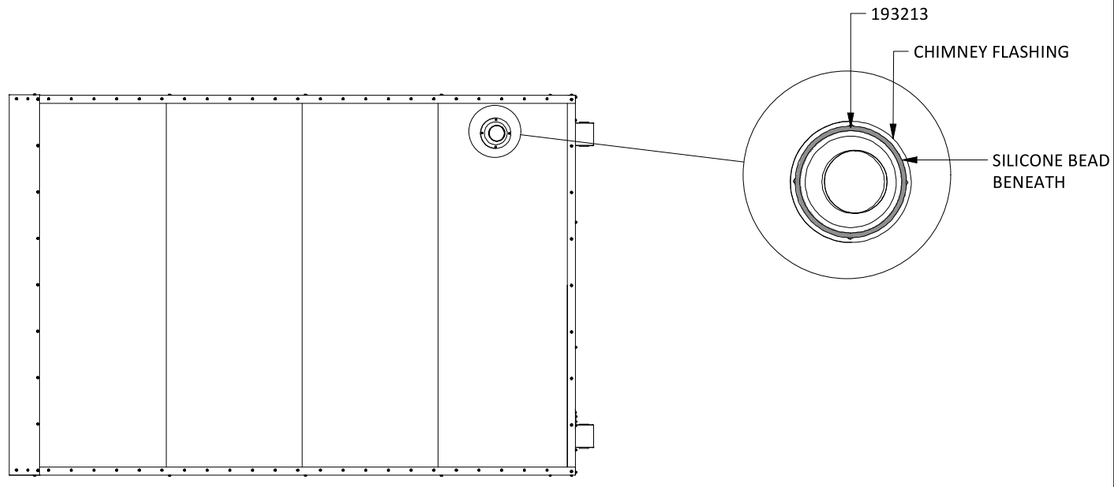
-DO NOT EXCEED SPEEDS OF 10KM/HR WHILE TOWING ICE SHACK. ENSURE SHACK IS BROKEN FREE FROM ICE/SNOW PRIOR TO TOWING

Insert tow bar pipes into ski receivers as shown below. Once tow bar pipes are inserted into ski receivers insert supplied lynch pin to secure in place.




## CHIMNEY FLANGE INSTALLATION:

Apply a single bead of silicone underneath chimney flashing flange and fasten in place with 193213 screws. Apply additional bead of silicone on the exterior of the chimney flashing to roof panels around the circumference of flange to ensure proper seal to roof panels.

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