



INSTALLATION GUIDE

SIGNATURE SERIES SHEDS

BUILDING SHELL CONSTRUCTION

Fig 1a:

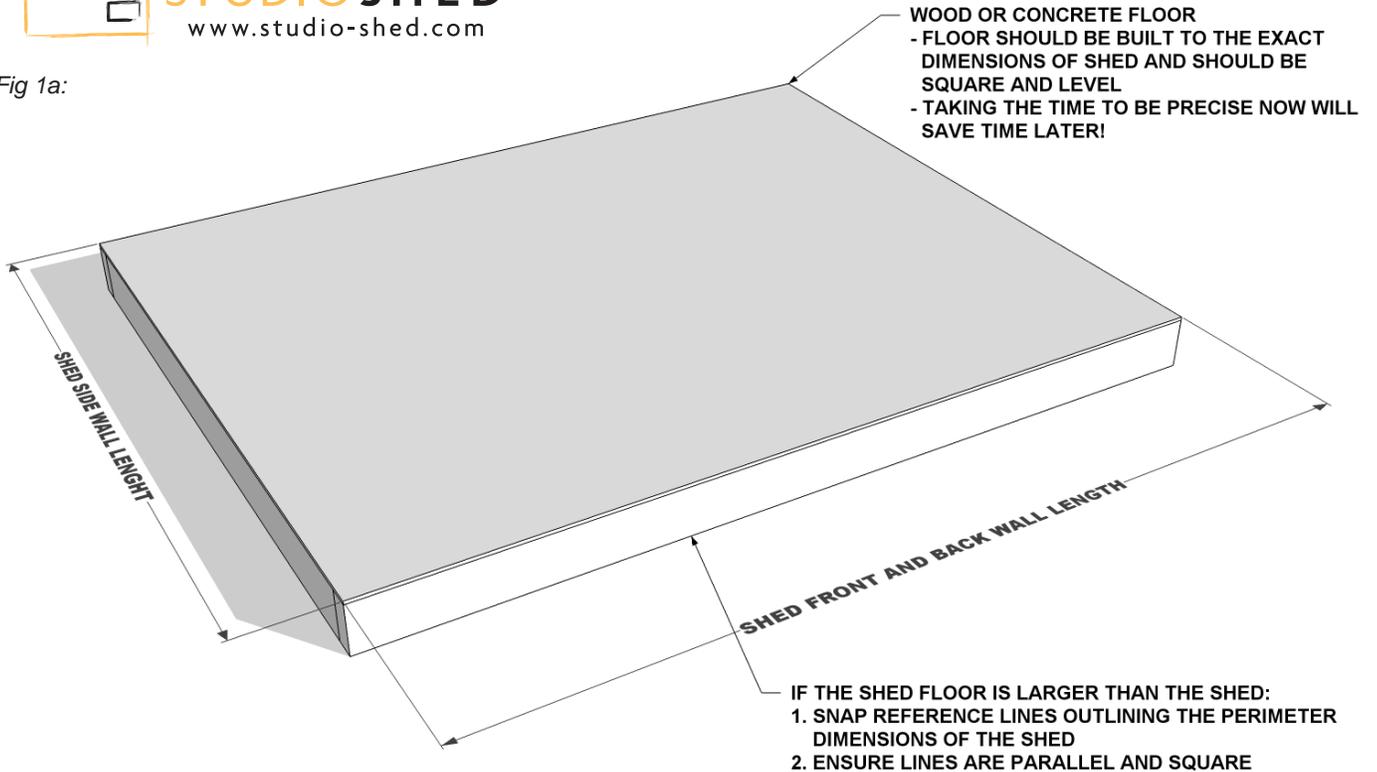


Fig 1b:

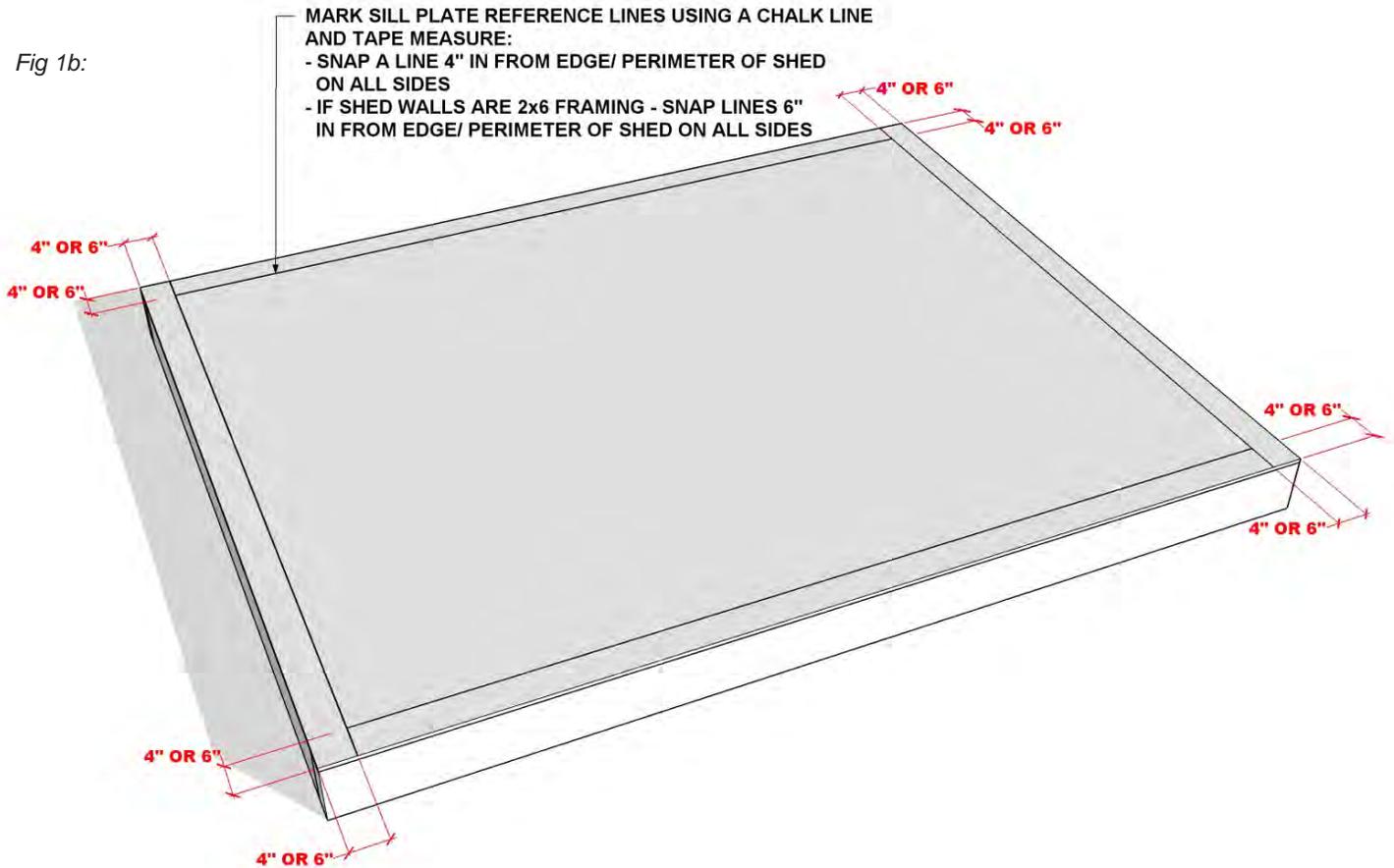


Fig 2a:

USE A TAPE MEASURE TO CHECK FOR SQUARE:
- MEASURE OPPOSITE CORNERS OF SILL PLATE
REFERENCE LINES (MEASUREMENTS SHOULD BE EQUAL)

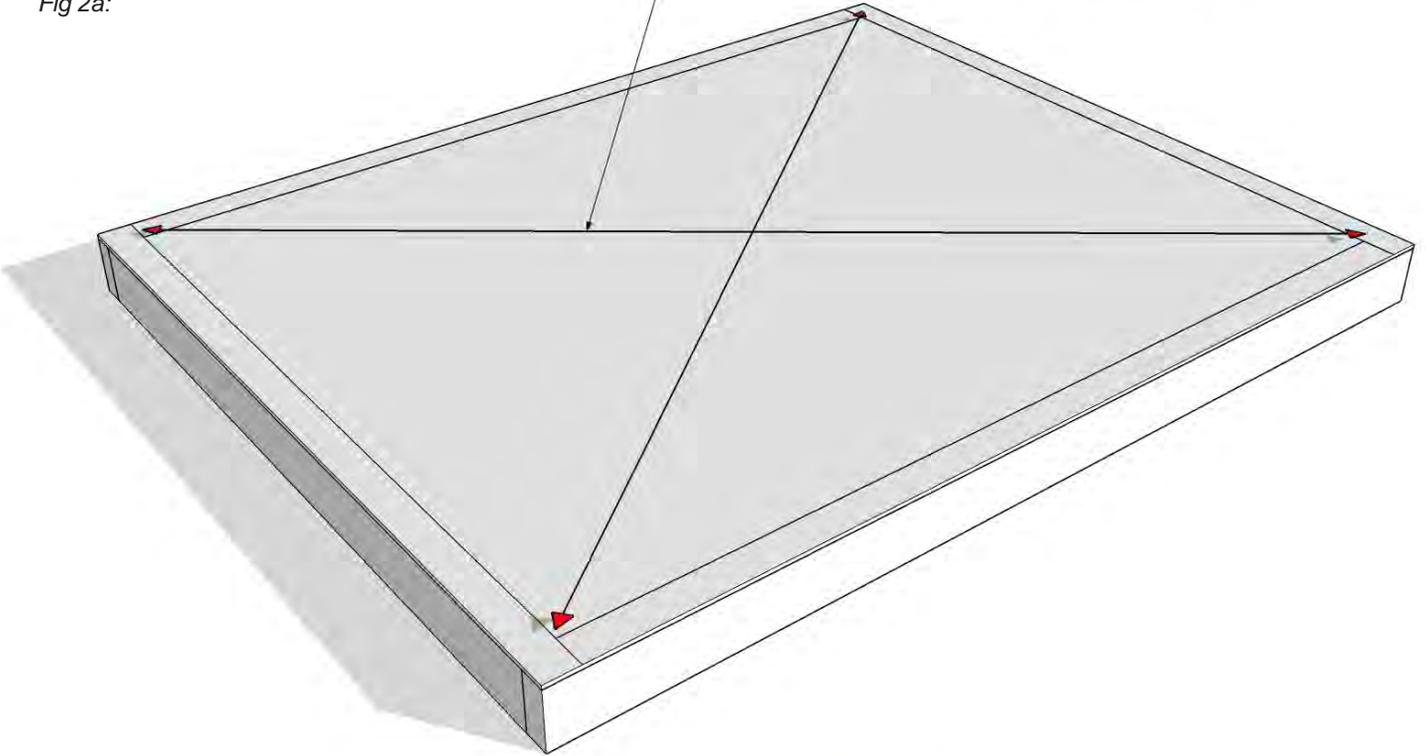


Fig 2b:

APPLY SILL SEAL FOAM GASKET AROUND PERIMETER. USE
SILL PLATE REFERENCE LINES AS A GUIDE
- *SILL SEAL CAN BE STAPLED TO BOTTOM OF SILL PLATES
TO EASE INSTALLATION

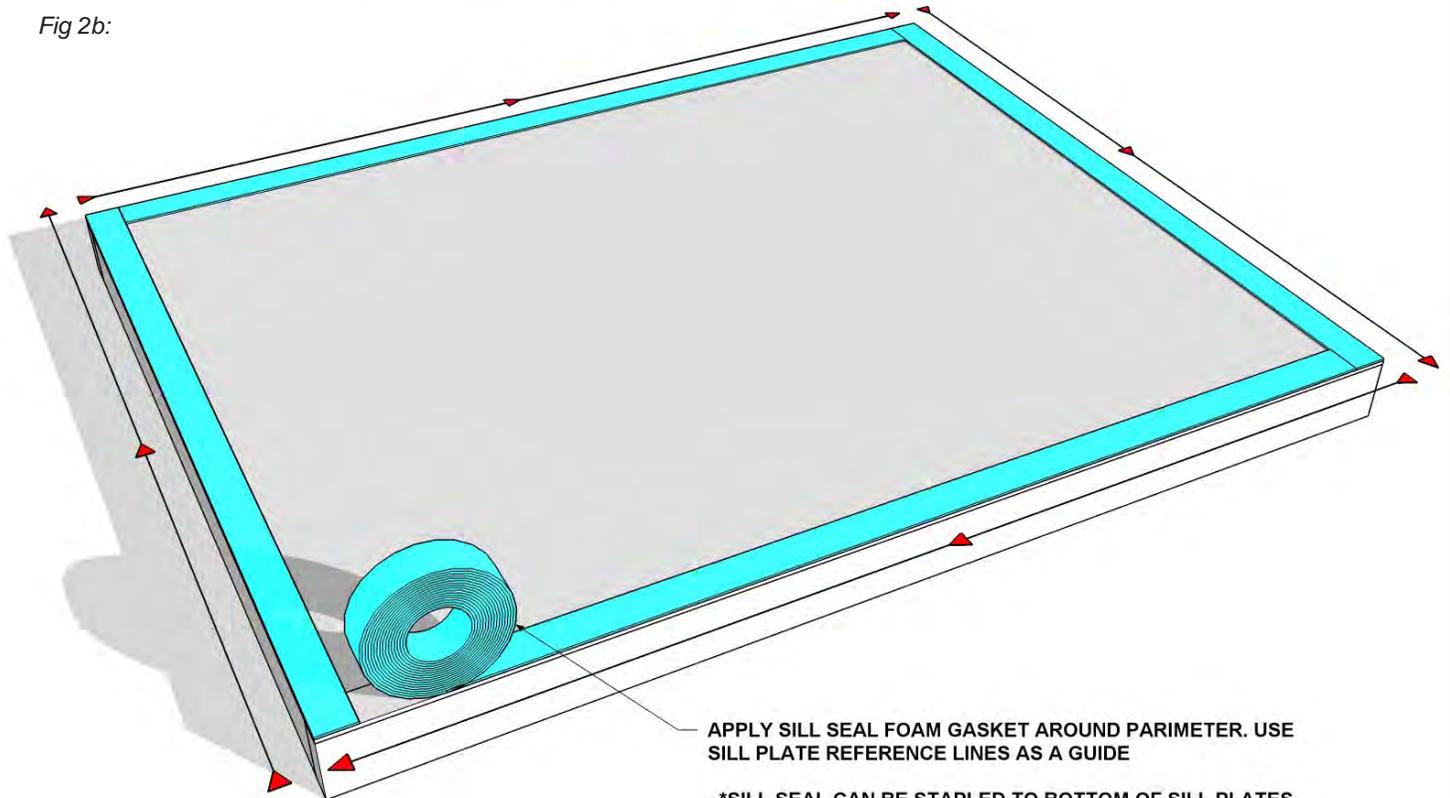


Fig 3a:

- LOOSE FIT PRESSURE TREATED SILL PLATES
- REFERENCE PROJECT INSTALLATION DRAWINGS FOR SILL PLATE SIZES
- SILL PLATE ENDS WILL BE PAINTED BLUE
- *DO NOT FASTEN TO FLOOR

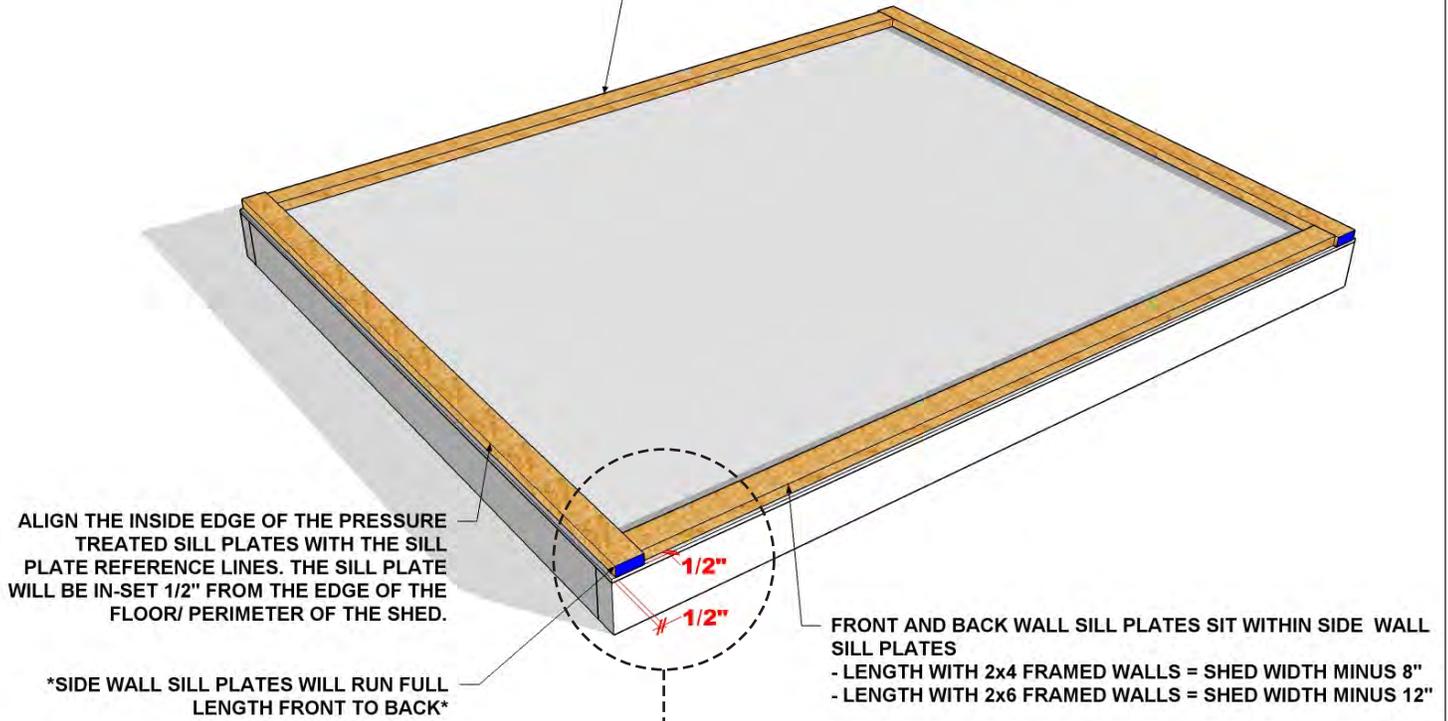


Fig 3b:

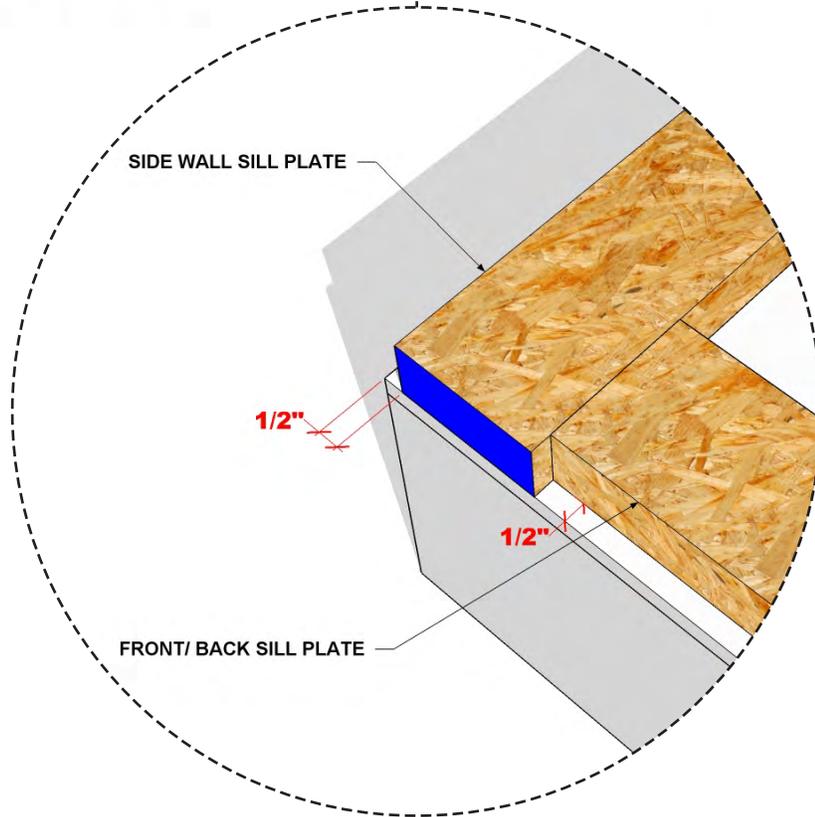


Fig 4a:

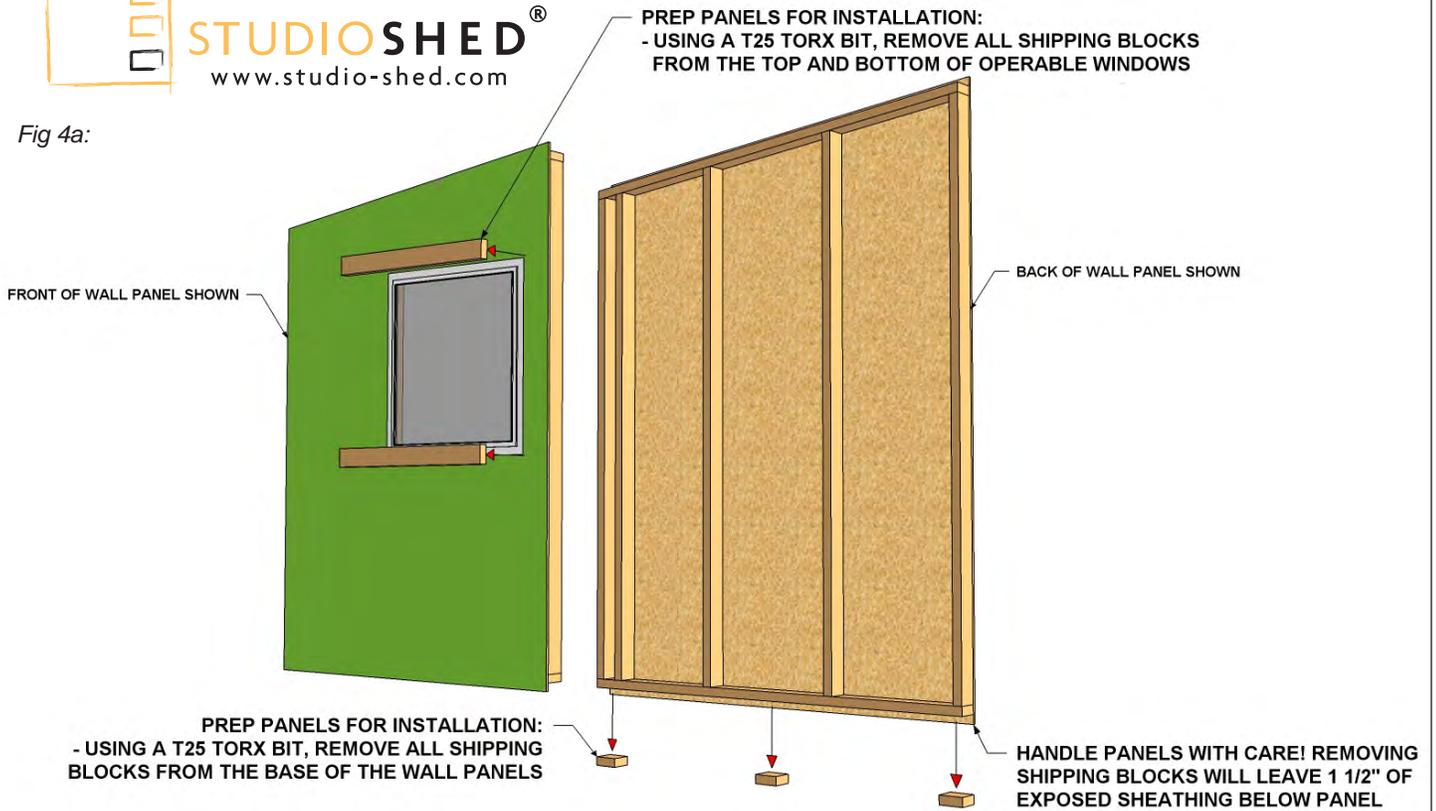


Fig 4b:

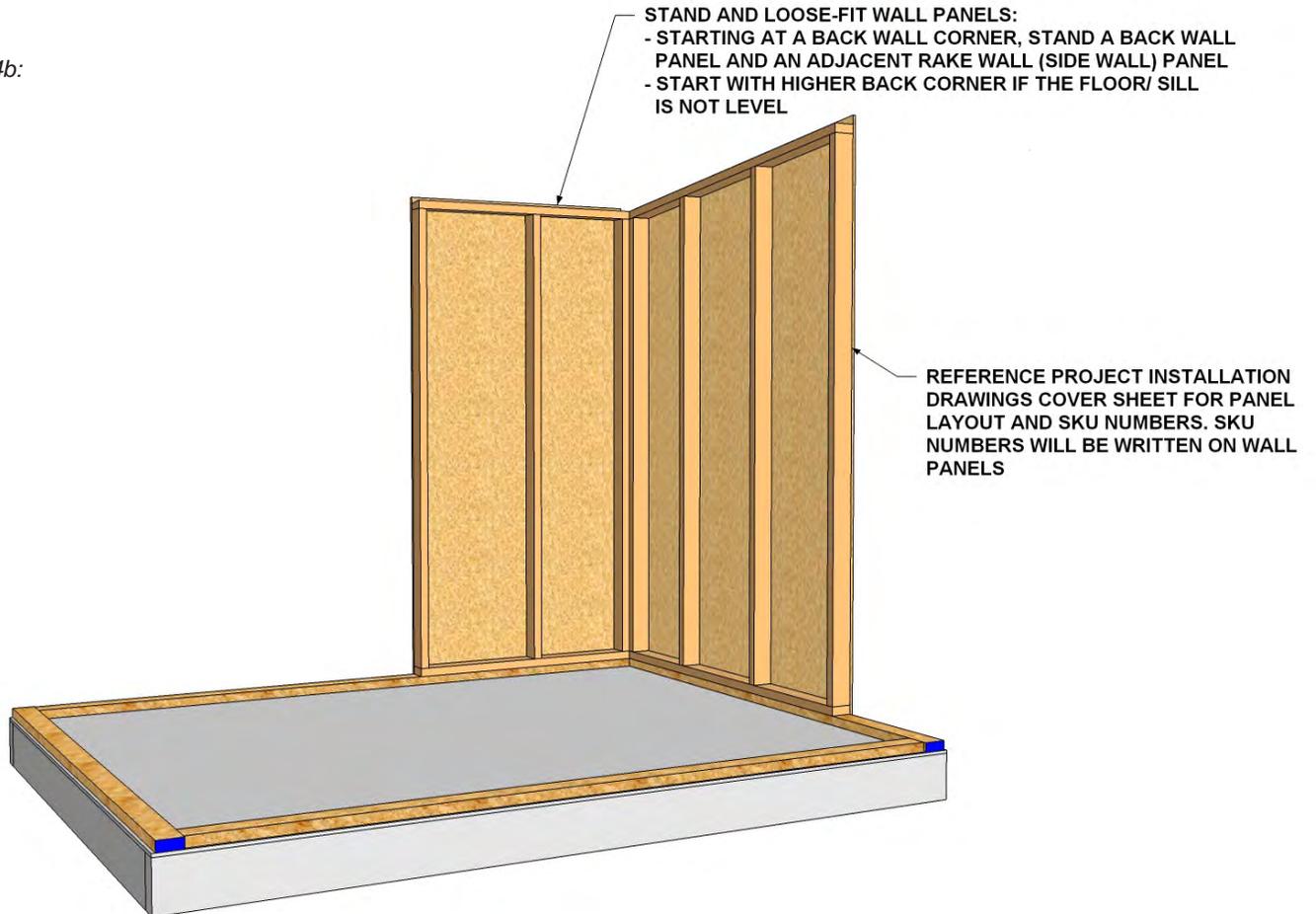


Fig 5a:

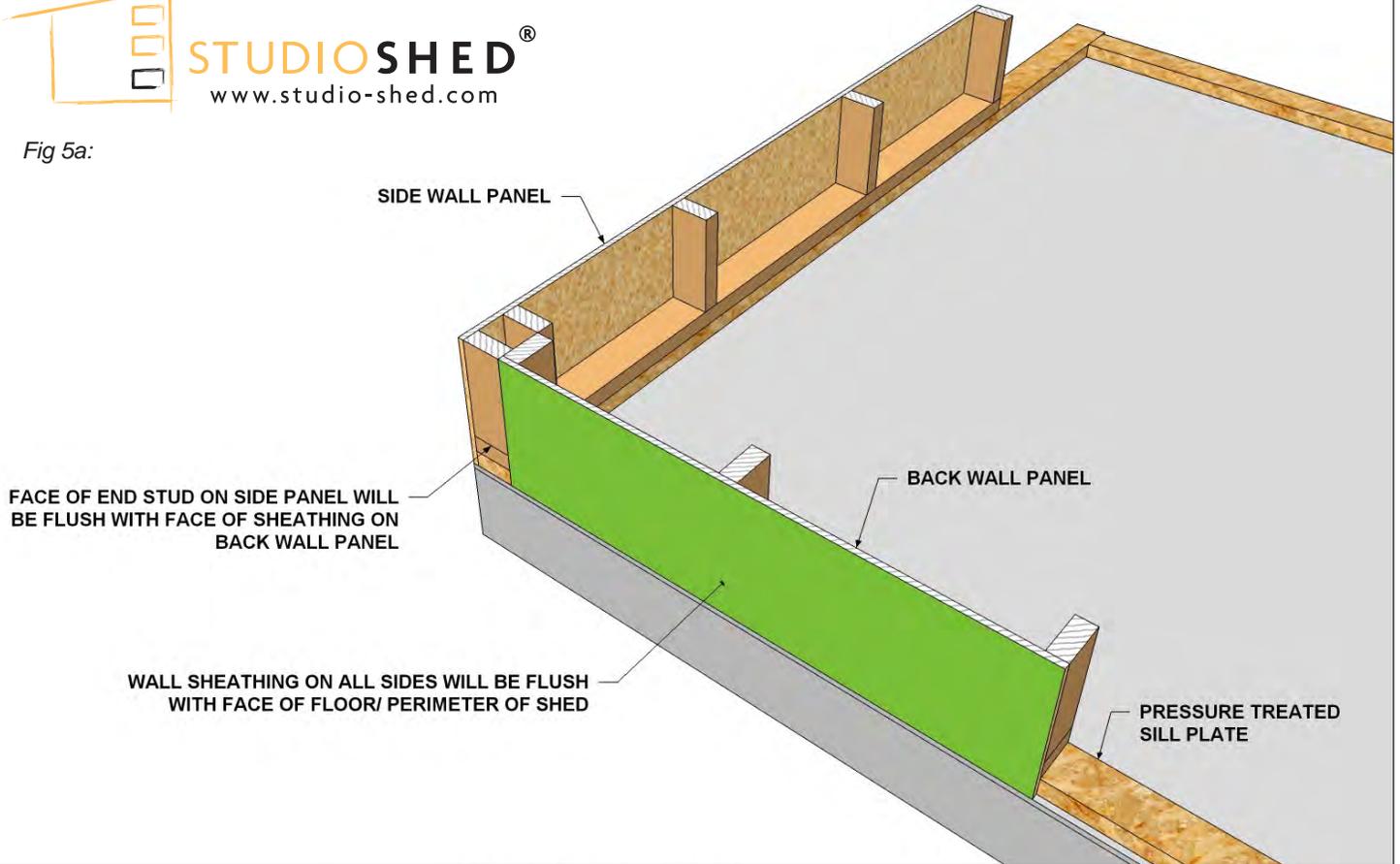


Fig 5b:

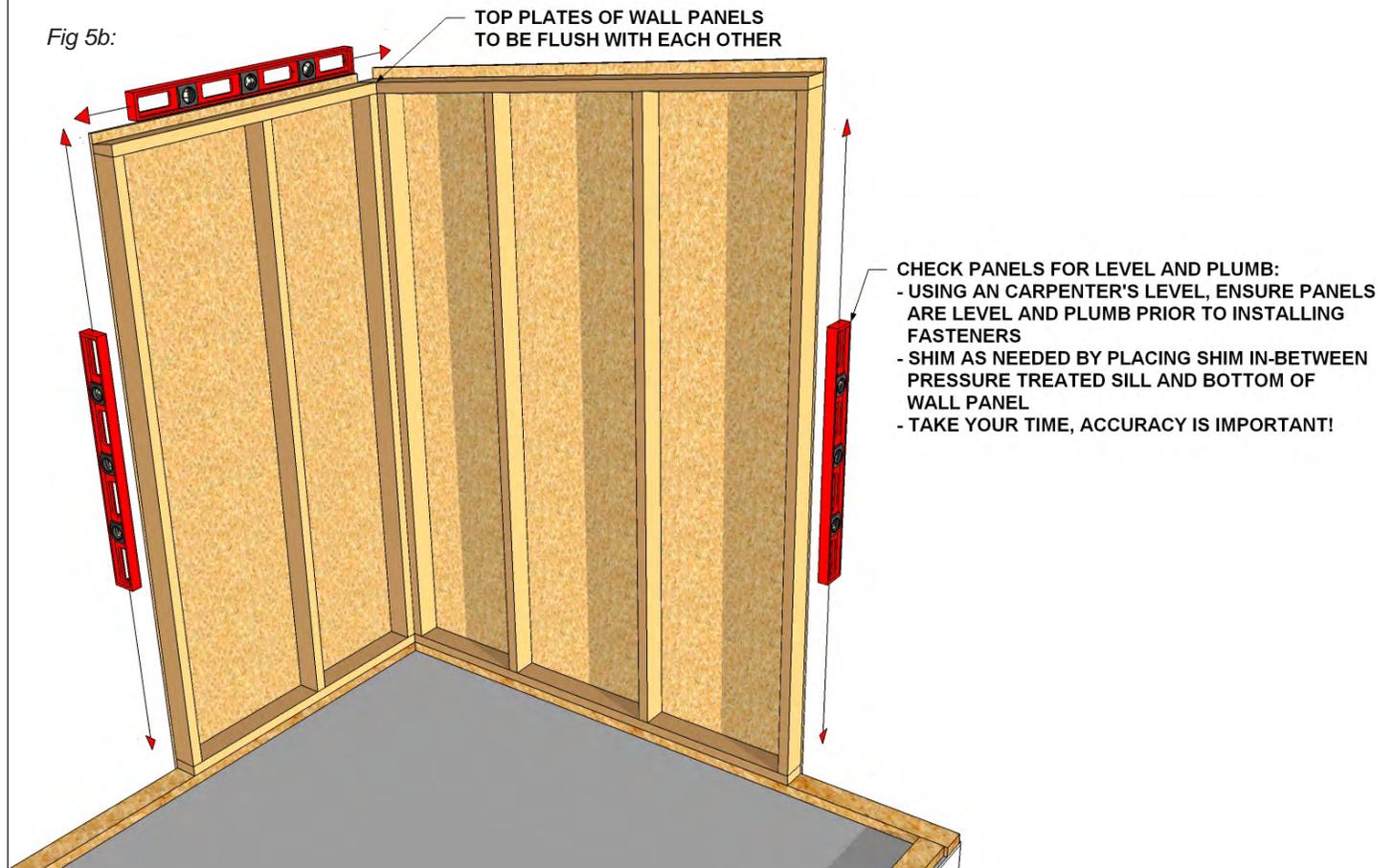
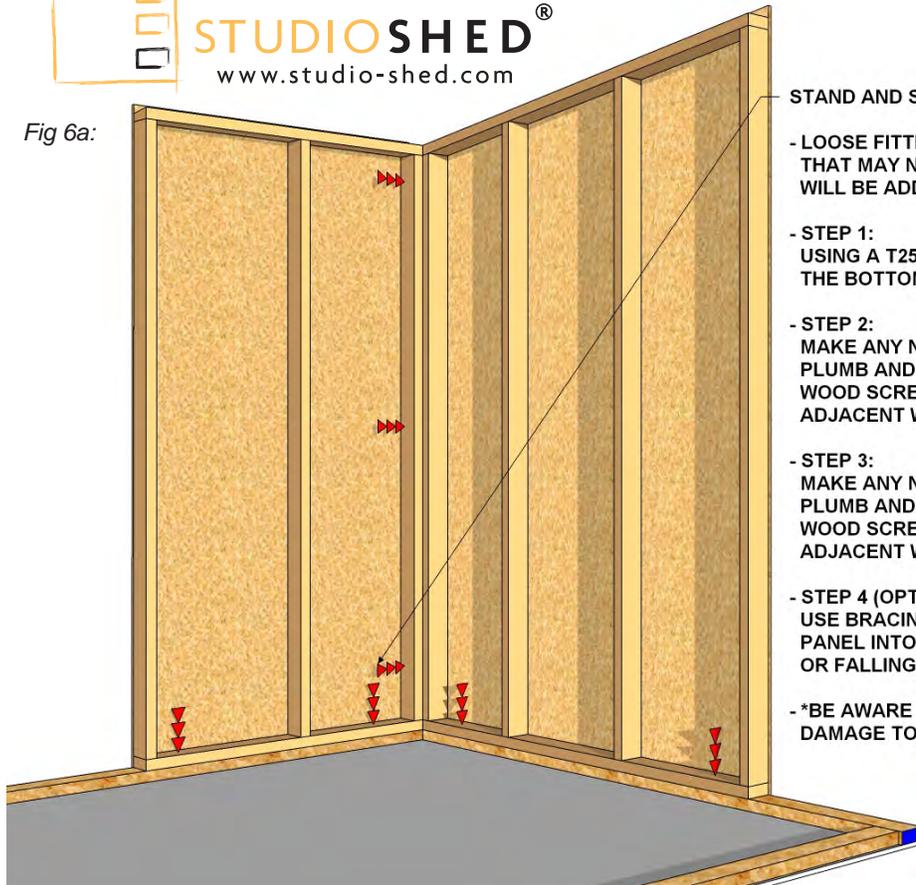


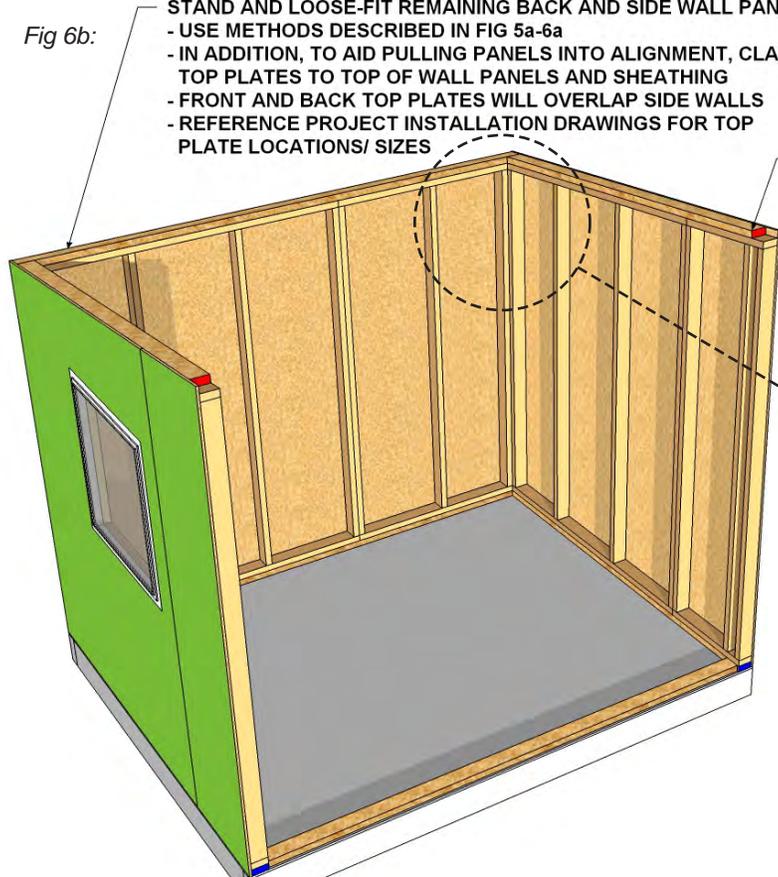
Fig 6a:



STAND AND SECURE WALL PANELS USING LOOSE-FIT FASTENERS:

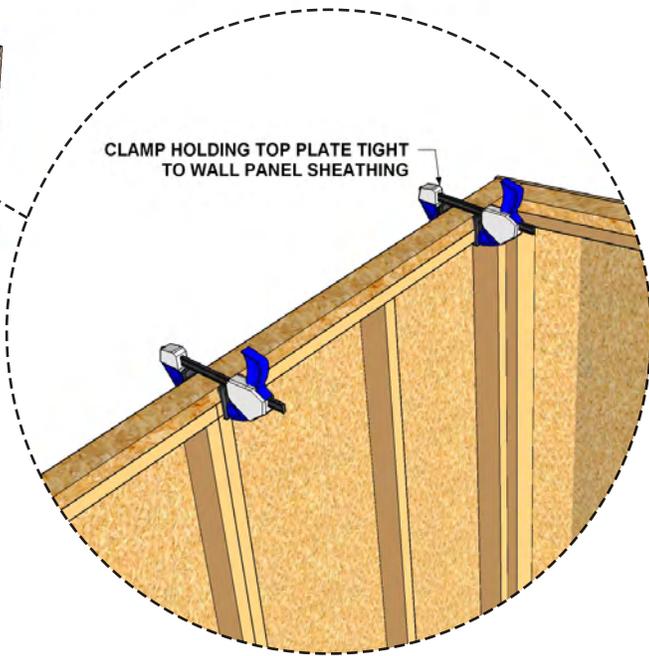
- LOOSE FITTING THE PANELS WILL EASE ADJUSTMENTS THAT MAY NEED TO BE MADE LATER. ADDITIONAL FASTENERS WILL BE ADDED LATER ONCE WALL INSTALLATION IS COMPLETE
- **STEP 1:**
USING A T25 TORX BIT, INSTALL A 3" WOOD SCREW ~6" FROM THE BOTTOM OF WALL PANEL INTO THE ADJACENT WALL PANEL
- **STEP 2:**
MAKE ANY NECESSARY ADJUSTMENTS ENSURING PANELS ARE PLUMB AND FLUSH (FIG 5b) THEN INSTALL AN ADDITIONAL 3" WOOD SCREW IN THE MIDDLE OF THE WALL PANEL INTO THE ADJACENT WALL PANEL
- **STEP 3:**
MAKE ANY NECESSARY ADJUSTMENTS ENSURING PANELS ARE PLUMB AND FLUSH (FIG 5b) THEN INSTALL AN ADDITIONAL 3" WOOD SCREW ~6" FROM THE TOP OF WALL PANEL INTO THE ADJACENT WALL PANEL
- **STEP 4 (OPTIONAL):**
USE BRACING OR INSTALL A 3" SCREW AT EACH END OF WALL PANEL INTO THE SILL PLATE TO KEEP WALLS FROM MOVING OR FALLING IN WINDY CONDITIONS
- *BE AWARE OF WHERE THE SCREWS ARE GOING TO AVOID DAMAGE TO THE SHED (ESPECIALLY AROUND GLASS!)

Fig 6b:

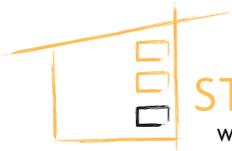


- STAND AND LOOSE-FIT REMAINING BACK AND SIDE WALL PANELS:**
- USE METHODS DESCRIBED IN FIG 5a-6a
 - IN ADDITION, TO AID PULLING PANELS INTO ALIGNMENT, CLAMP TOP PLATES TO TOP OF WALL PANELS AND SHEATHING
 - FRONT AND BACK TOP PLATES WILL OVERLAP SIDE WALLS
 - REFERENCE PROJECT INSTALLATION DRAWINGS FOR TOP PLATE LOCATIONS/ SIZES

ENDS OF TOP PLATES WILL BE PAINTED RED



CLAMP HOLDING TOP PLATE TIGHT TO WALL PANEL SHEATHING



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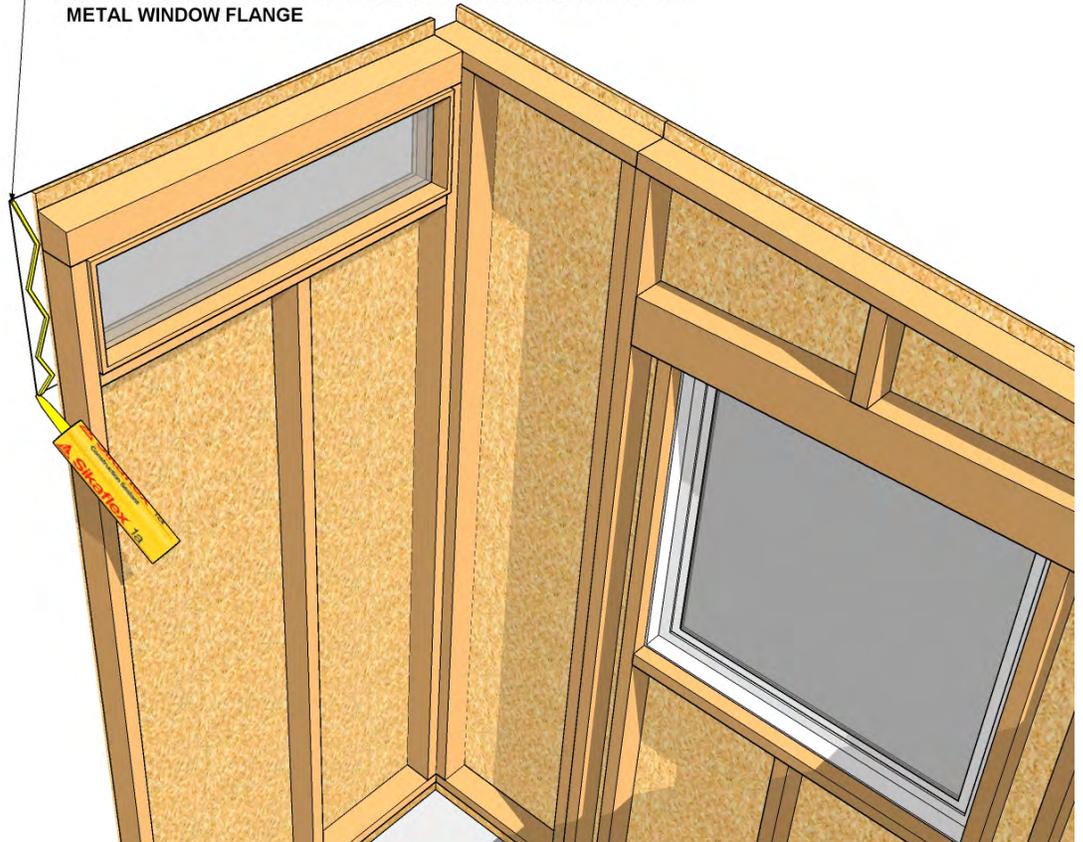
- STAND AND LOOSE-FIT FRONT WALL PANELS:**
- START WITH THE FRONT-LEFT PANEL AND INSTALL USING METHODS DESCRIBED IN FIG 5a-6a
 - *HANDLE WALL PANEL CAREFULLY TO AVOID DAMAGE TO THE METAL CLADDING

Fig 7a:



Fig 7b:

- PREP METAL WINDOW FLANGE FOR THE CORRESPONDING WALL PANEL:**
- APPLY A BEAD OF SIKAFLEX SEALANT TO THE BACKSIDE OF THE METAL WINDOW FLANGE



STAND AND LOOSE-FIT REMAINING FRONT WALL PANELS:
- WORK FROM LEFT TO RIGHT USING METHODS DESCRIBED
IN FIG 5a-7b

Fig 8a:

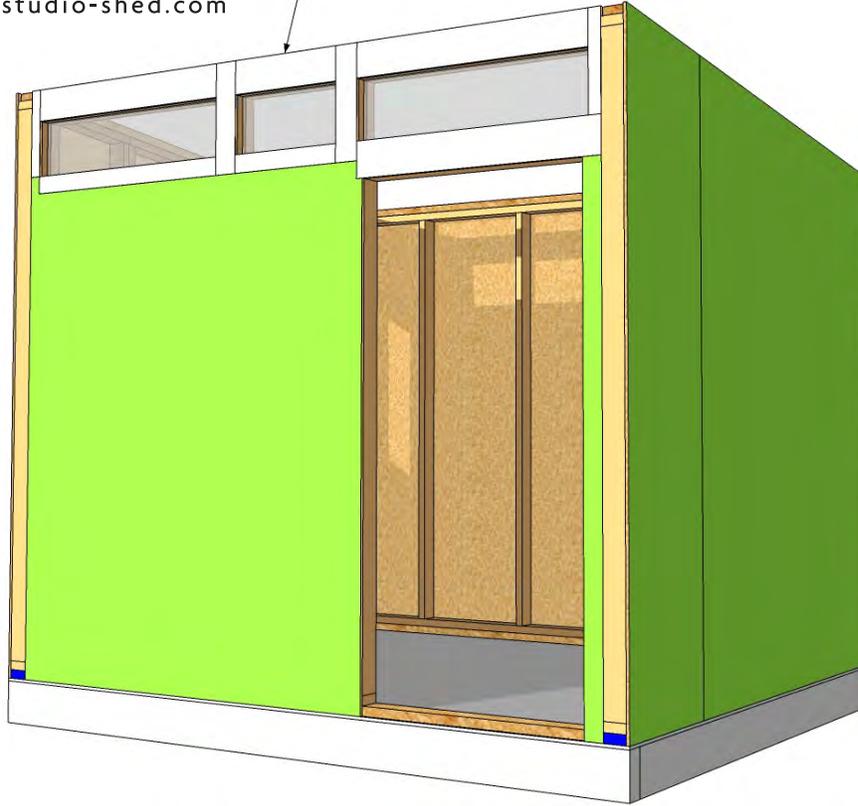


Fig 8b:

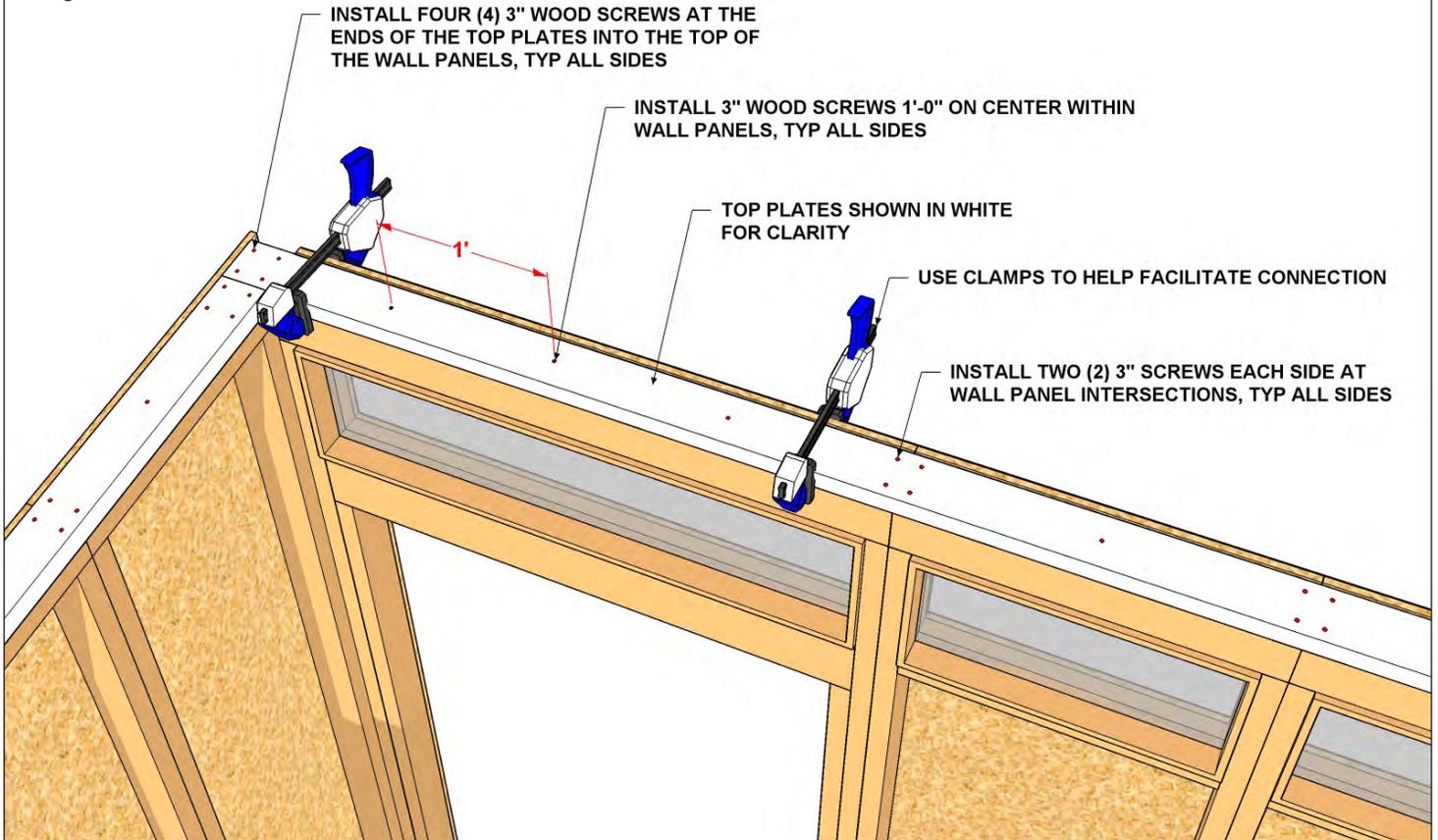


Fig 9a:



CONCRETE FLOOR ONLY!

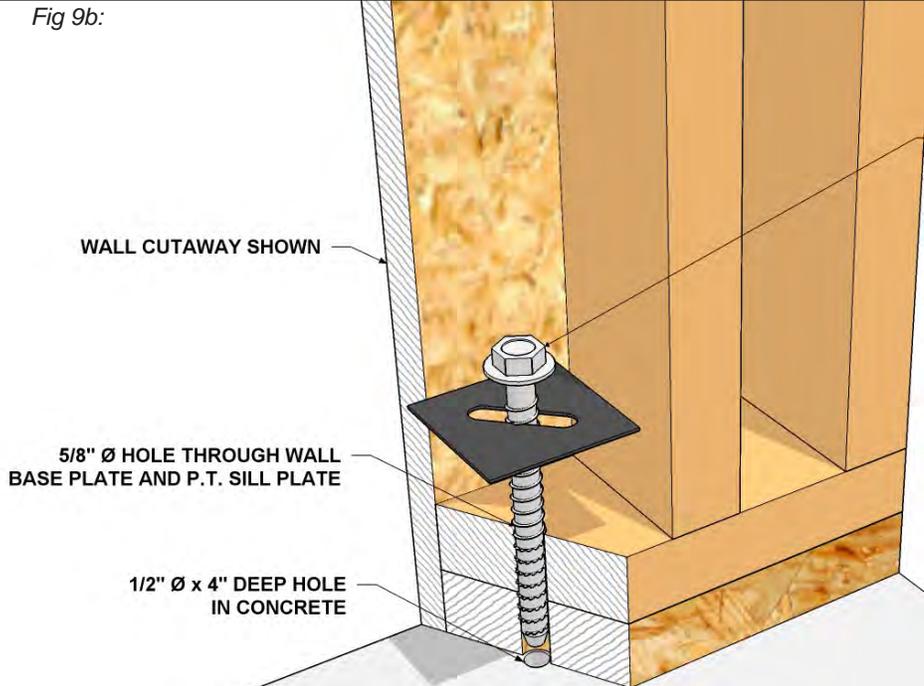
ANCHOR WALL PANELS TO CONCRETE SLAB:

- EACH WALL PANEL NEEDS A MINIMUM OF TWO (2) ANCHORS STARTING WITH ONE (1) ANCHOR AT EACH END. ADDITIONAL ANCHORS ARE NEEDED IF THE SPACING BETWEEN THE ANCHORS EXCEEDS 5'-0"
- STEP 1:
DOUBLE CHECK TO ENSURE WALL PANELS ARE SQUARE AND STRAIGHT
- STEP 2:
AS CLOSE TO WALL PANEL ENDS AS POSSIBLE (~4"-8") DRILL THROUGH WALL PANEL BOTTOM PLATE AND PRESSURE TREATED SILL PLATE USING A POWER DRILL WITH 5/8" PADDLE BIT
- STEP 3:
DRILL 4" INTO THE CONCRETE FLOOR USING A ROTARY HAMMER DRILL WITH A 1/2" Ø MASONRY BIT
- STEP 4:
CLEAN OUT HOLE USING COMPRESSED AIR

5'-0" MAX BETWEEN ANCHORS

MINIMUM TWO (2) ANCHORS PER WALL PANEL
(ONE (1) EACH END)

Fig 9b:



CONCRETE FLOOR ONLY!

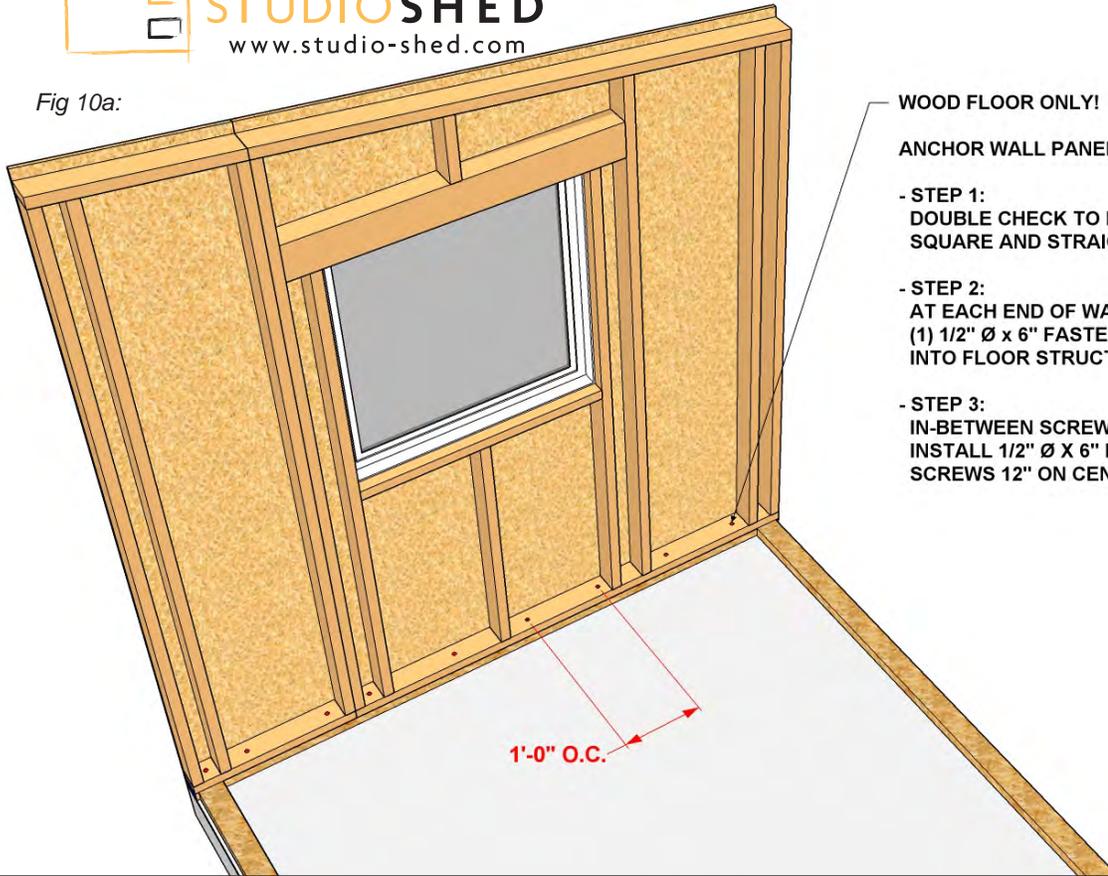
- STEP 5:
AT EACH HOLE INSTALL A 1/2" Ø x 6" SIMPSON STRONG-TIE TITEN HD BOLT AND 3"x3" SLOTTED HOLE SQUARE PLATE WASHER

WALL CUTAWAY SHOWN

5/8" Ø HOLE THROUGH WALL
BASE PLATE AND P.T. SILL PLATE

1/2" Ø x 4" DEEP HOLE
IN CONCRETE

Fig 10a:

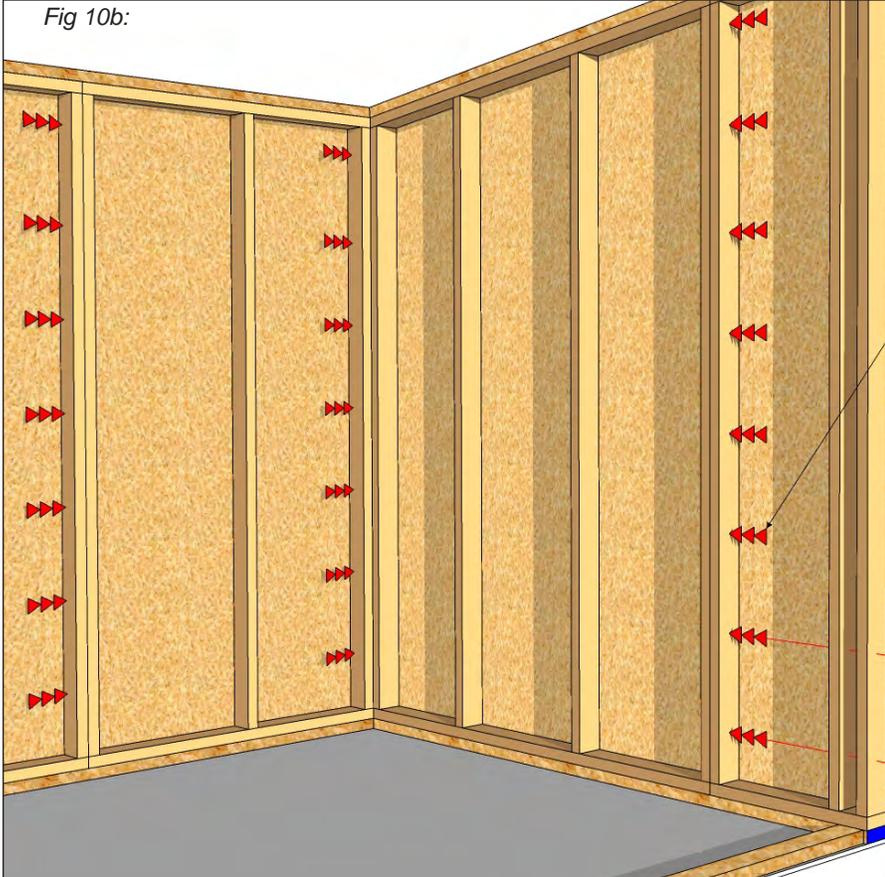


WOOD FLOOR ONLY!

ANCHOR WALL PANELS TO WOOD FLOOR:

- STEP 1:
DOUBLE CHECK TO ENSURE WALL PANELS ARE SQUARE AND STRAIGHT
- STEP 2:
AT EACH END OF WALL PANEL INSTALL ONE (1) 1/2" Ø x 6" FASTENMASTER HEADLOK SCREW INTO FLOOR STRUCTURE
- STEP 3:
IN-BETWEEN SCREWS INSTALLED DURING STEP 2, INSTALL 1/2" Ø X 6" FASTENMASTER HEADLOK SCREWS 12" ON CENTER INTO FLOOR STRUCTURE

Fig 10b:

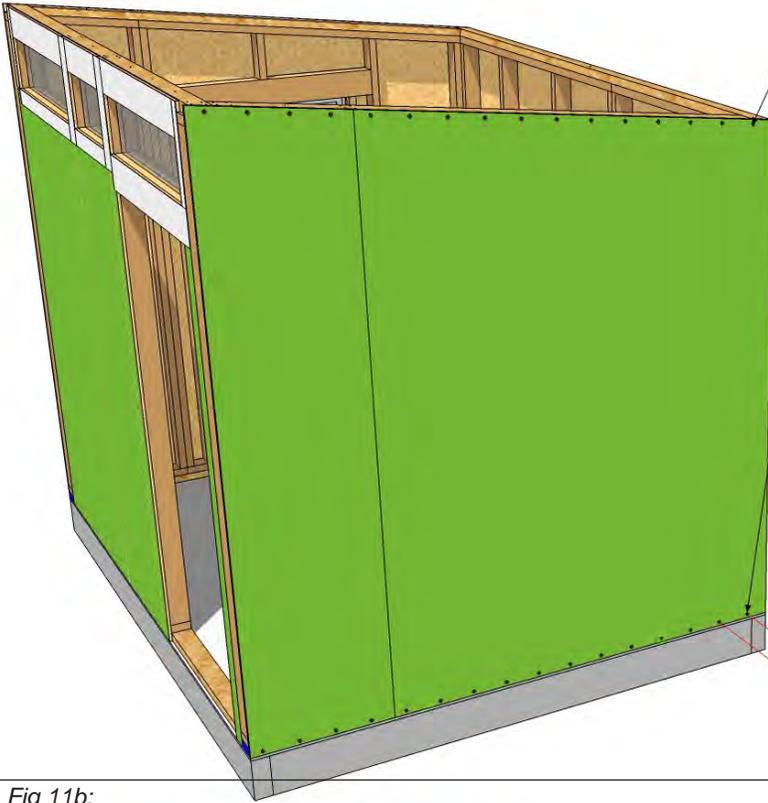


INSTALL FINAL 3" SCREWS AT ALL WALL PANEL INTERSECTIONS:

- USING A T25 TORX BIT, INSTALL 3" WOOD SCREWS 12" ON CENTER AT ALL WALL PANEL TO WALL PANEL INTERSECTIONS
- SCREWS USED DURING LOOSE FITTING OF WALL PANELS CAN BE INCLUDED

12" ON CENTER

Fig 11a:

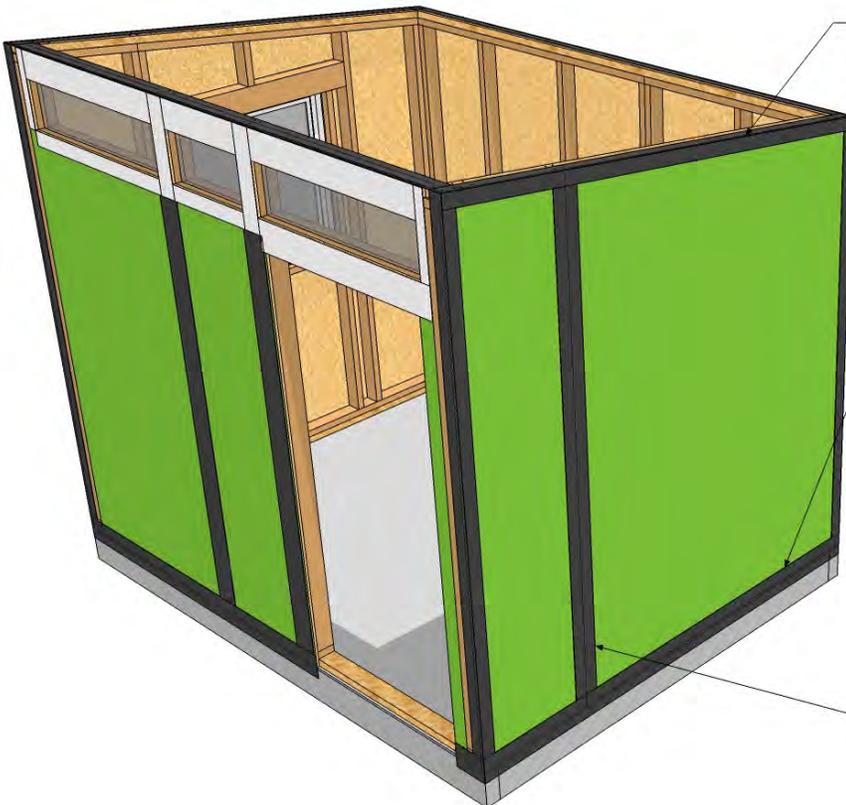


NAIL WALL SHEATHING INTO TOP PLATE AND SILL PLATE:

- STEP 1:
STARTING ~3/4" DOWN FROM THE TOP OF THE WALL SHEATHING, INSTALL 2 3/8" RING SHANK NAILS 6" ON CENTER THROUGH WALL SHEATHING INTO TOP PLATE
- STEP 2:
STARTING ~3/4" UP FROM THE BOTTOM OF THE WALL SHEATHING, INSTALL 2 3/8" RING SHANK NAILS 6" ON CENTER THROUGH WALL SHEATHING INTO SILL PLATE
- NAILING NOT REQUIRED AT FRONT WALL PANELS
- A PNEUMATIC FRAMING NAILER IS RECOMMENDED

6" ON CENTER

Fig 11b:



- STEP 3:
ALONG THE SIDE AND BACK WALLS, TAPE THE SEAM BETWEEN THE TOP OF THE WALL PANELS AND THE TOP PLATES BY WRAPPING THE TAPE OVER THE TOP OF THE WALLS (OVERLAP THE TAPE EQUALLY)
- *DO NOT WRAP TAPE ONTO METAL CLADDING ALONG FRONT WALLS

WEATHERSEAL THE SHED:

USE THE SUPPLIED ZIP SHEATHING TAPE

- STEP 1:
FOR WOOD FOUNDATIONS: START AT THE BASE OF THE SHED AND TAPE THE SEAM BETWEEN THE BOTTOM OF THE WALL PANELS AND THE WOOD FLOOR. BRING TAPE DOWN 1/2" BELOW BOTTOM OF FLOOR SHEATHING
- TAPE NOT REQUIRED ALONG BASE IF SHED IS ON A CONCRETE FLOOR
- STEP 2:
TAPE ALL VERTICAL WALL PANEL INTERSECTION SEAMS (OVERLAP THE TAPE EQUALLY)

Fig 12a:

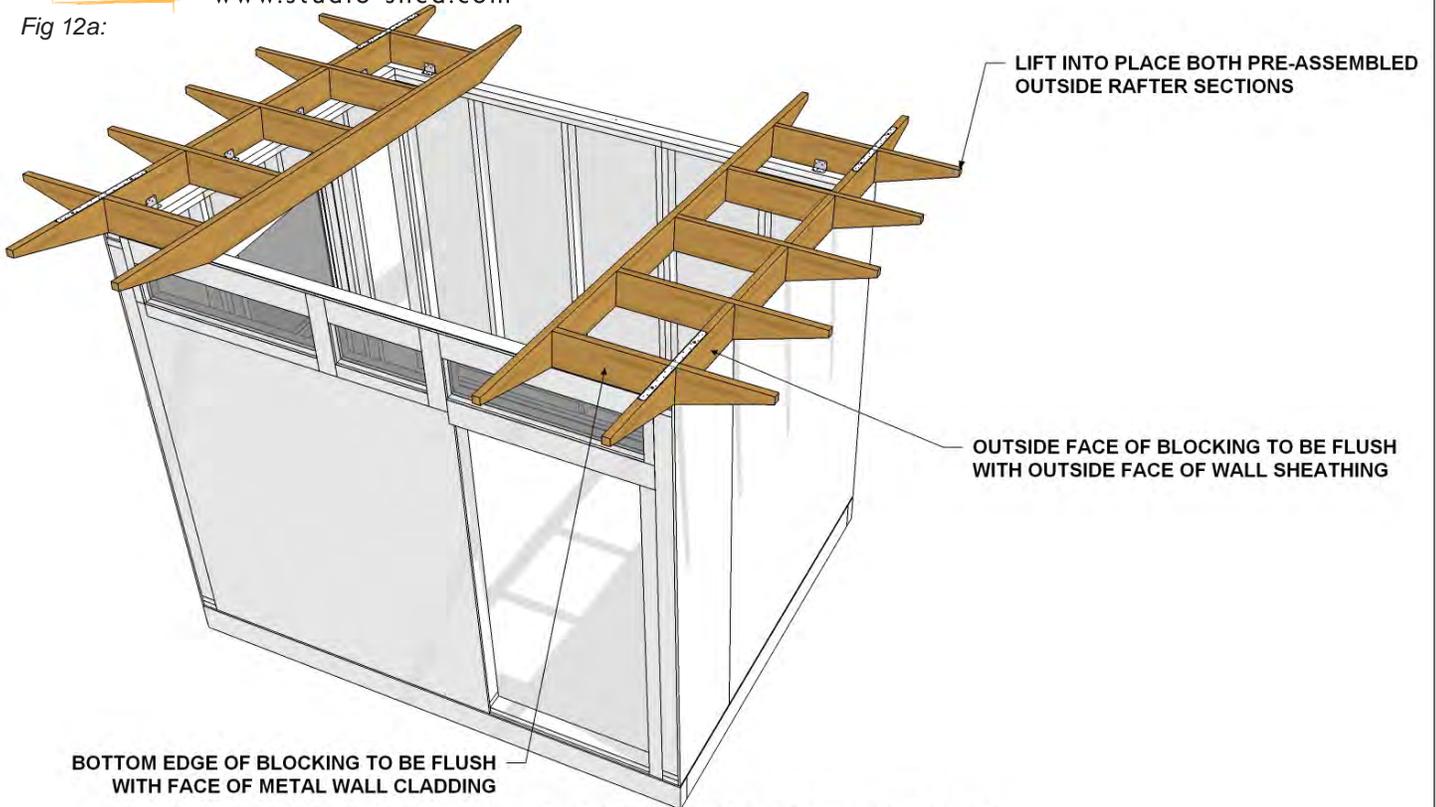


Fig 12b:

SECURE A23 BRACKETS TO WALL TOP PLATES

- STEP 1:
NAIL A23 BRACKETS TO TOP OF WALL TOP PLATES WITH 1 1/2" TECO NAILS. START AT THE FRONT BRACKET AND MOVE TOWARD THE BACK. DO NOT NAIL DOWN BRACKET LOCATED AT BACK WALL WITHOUT FOLLOWING STEP #2
- STEP 2:
IF NECESSARY, MAKE ANY ADJUSTMENTS TO THE FULL LENGTH RAFTER TO ENSURE IT IS ALIGNED CORRECTLY
- STEP 3:
SECURE THE BACK WALL BRACKET USING 1 1/2" TECO NAILS
- *A23 BRACKETS ARE NOT NECESSARY ALONG FRONT WALL

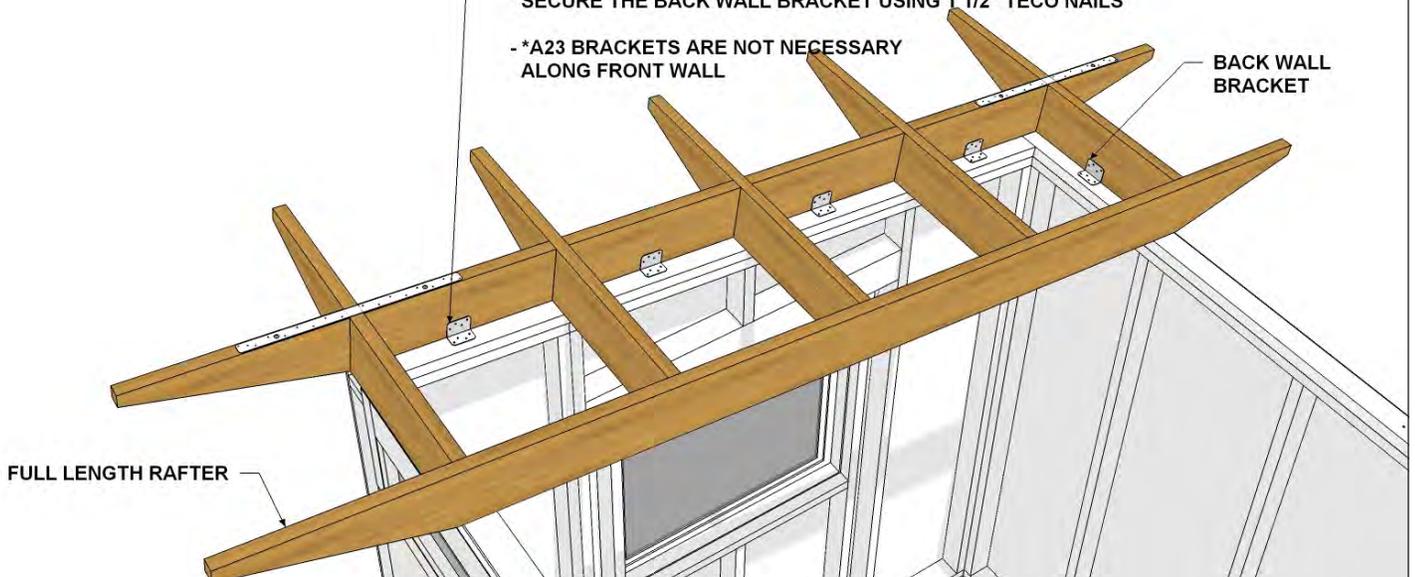


Fig 13a:

INSTALL RAFTER H1 HURRICANE TIES

- NAIL 1 1/2" TECO NAILS INTO RAFTERS AND 8d x 2 1/2" NAILS INTO TOP PLATES

- **STEP 1:**
INSTALL ONE (1) HURRICANE TIE AT EACH SIDE RAFTER

- **STEP 2:**
INSTALL ONE (1) HURRICANE TIE AT EACH END OF FULL LENGTH RAFTER (TWO (2) TOTAL)

- REFER TO PROJECT INSTALLATION DRAWINGS FOR MORE INFORMATION ON LOCATIONS

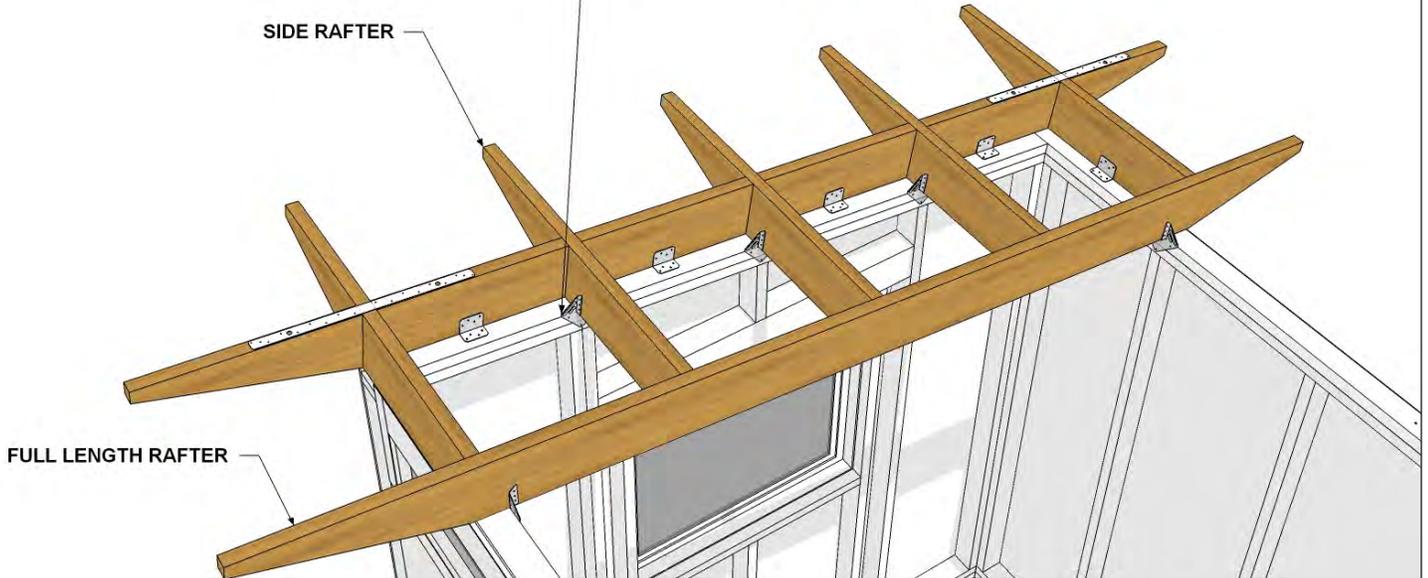


Fig 13b:

INSTALL INTERMEDIATE RAFTER SECTIONS:

- REFERENCE PROJECT INSTALLATION DRAWINGS FOR RAFTER LAYOUT

- INTERMEDIATE RAFTER SECTIONS MAY BE SINGLE RAFTERS, DOUBLE OR TRIPLE PRE-ASSEMBLED SECTIONS

- SPACING BETWEEN THE RAFTER SECTIONS SHOULD BE EQUAL (~24" ON CENTER)

- FOLLOW METHODS DESCRIBED IN FIG 12b-13a TO SECURE RAFTERS

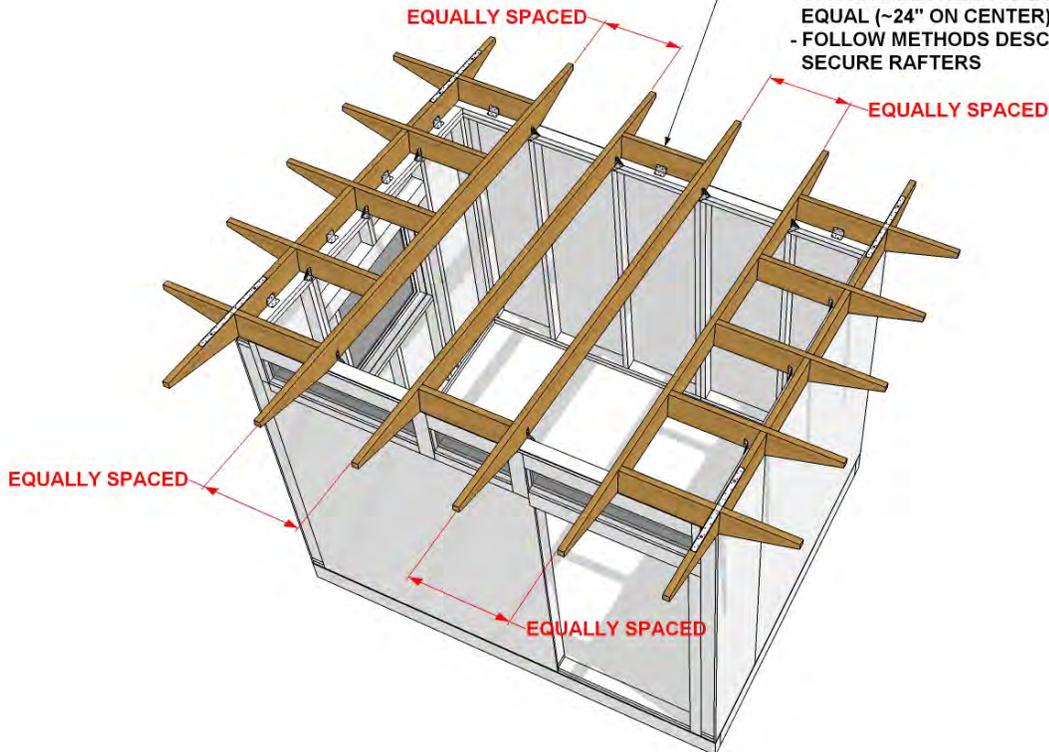
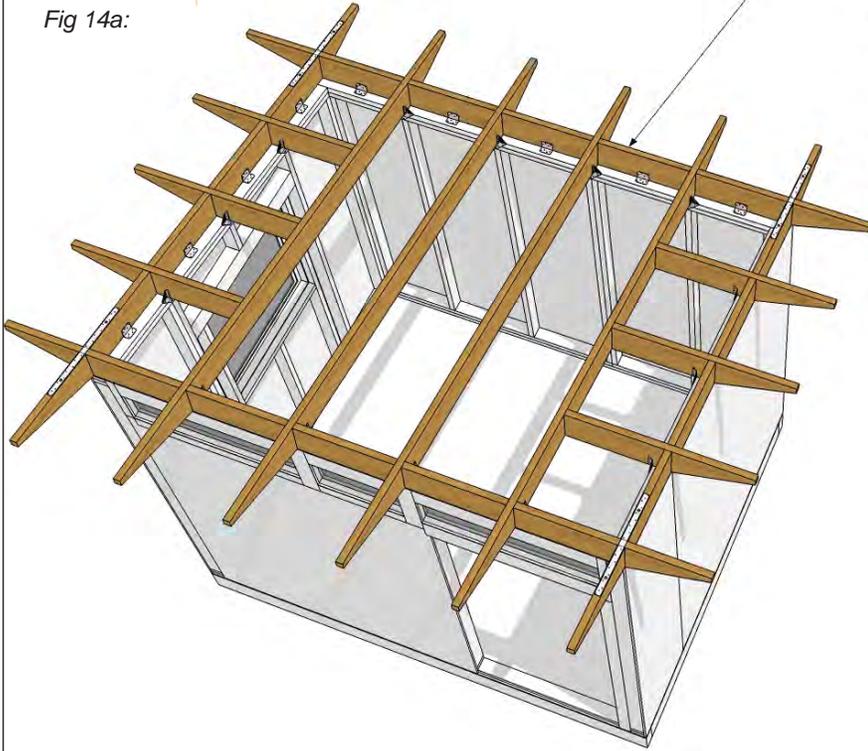


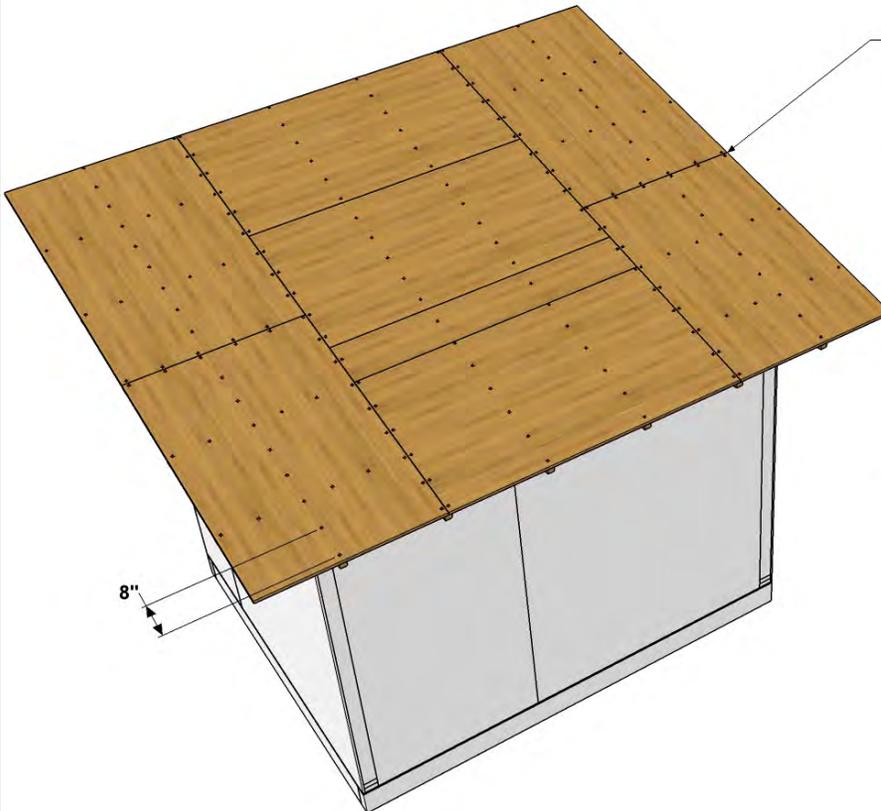
Fig 14a:



ADD BLOCKING TO SPACES BETWEEN RAFTER SECTIONS:

- USE THE SUPPLIED 2x MATERIAL
- STEP 1:
MEASURE AND CUT BLOCKING TO FIT. BLOCKING WILL BE ~1'-10 1/2"
- STEP 2:
TOE NAIL BLOCKING USING A FRAMING NAILER. BE AWARE OF WHERE NAILS ARE GOING TO ENSURE NAILS DO NOT POKE THROUGH FRAMING
- STEP 3:
AT BACK BLOCKING ADD A23 BRACKETS AS DESCRIBED IN FIG 12b
- *BE SURE TO MATCH ANGLE OF BLOCKING ON PRE-ASSEMBLED RAFTER SECTIONS (PERPENDICULAR TO RAFTER ANGLE)

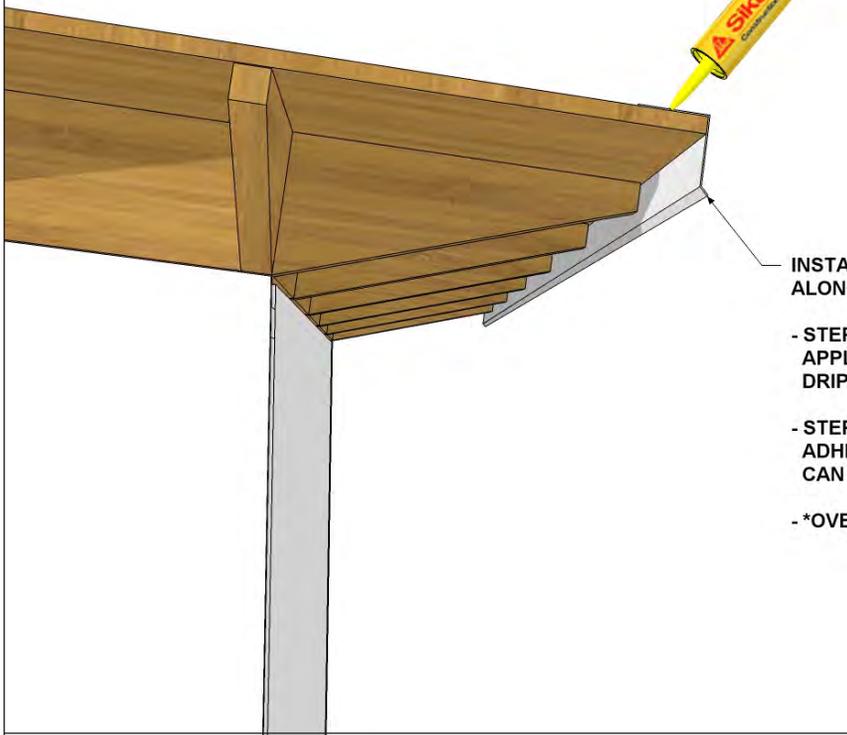
Fig 14b:



INSTALL ROOF SHEATHING:

- REFERENCE PROJECT INSTALLATION DRAWINGS FOR LAYOUT (PLYWOOD WILL BE LABELED)
- STEP 1:
SECURE THE SHEATHING USING MINIMAL FASTENERS IN CASE MINOR ADJUSTMENTS NEED TO BE MADE
- STEP 2:
LOOSE FIT ALL SHEATHING WHILE MAKING ALIGNMENT ADJUSTMENTS AS NEEDED
- STEP 3:
NAIL SHEATHING TO RAFTERS USING 8d x 2 1/2" RING SHANK NAILS 8" ON CENTER. BE AWARE OF WHERE NAILS ARE GOING TO ENSURE NAILS DO NOT POKE THROUGH FRAMING
- *8d x 2 1/2" COLLATED NAILS NOT INCLUDED DUE TO VARIETY OF PNEUMATIC NAILERS

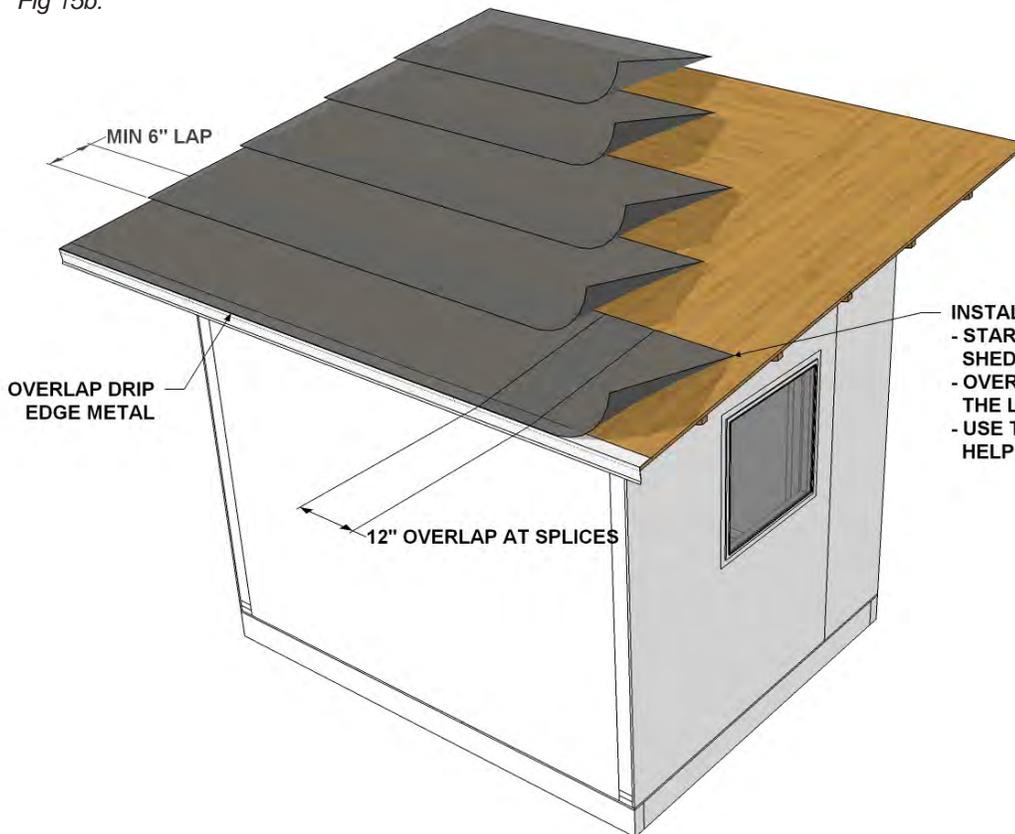
Fig 15a:



INSTALL METAL PROFILE 'J' (BACK ROOF DRIP EDGE) ALONG BACK OF SHED:

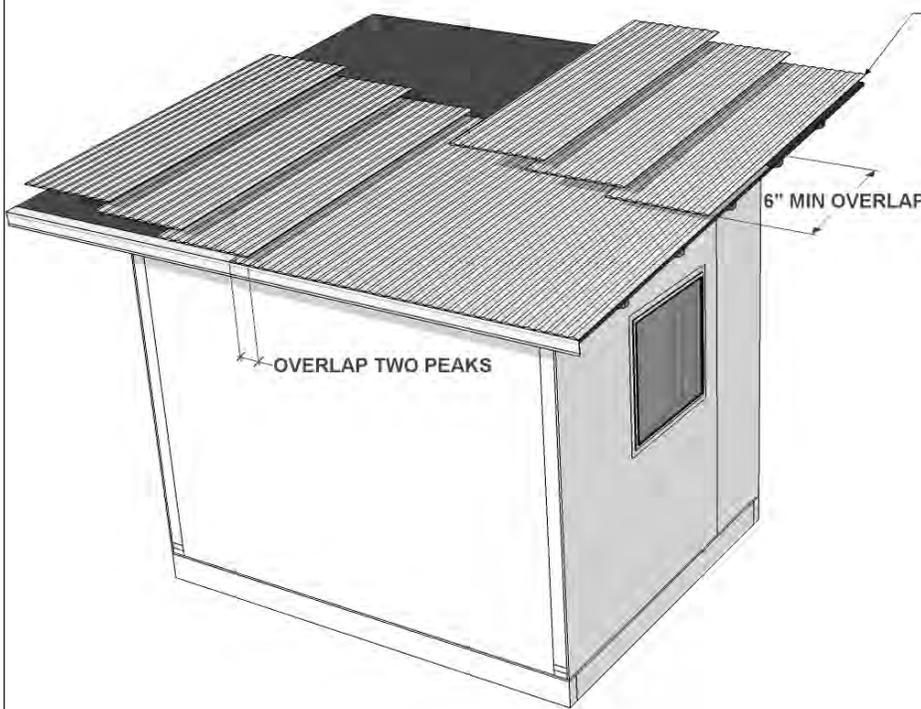
- STEP 1:
APPLY SIKAFLEX SEALANT TO UNDERSIDE OF TOP OF DRIP EDGE
- STEP 2:
ADHERE METAL TO TOP OF ROOF SHEATHING. CLAMPS CAN BE USED TO HELP FACILITATE CONNECTION
- *OVERLAP METAL 2"-3" IF MULTIPLE SECTIONS ARE USED

Fig 15b:



INSTALL ROOFING FELT:
 - START AT THE LOW SIDE (BACK) OF THE SHED AND WORK TOWARD THE FRONT
 - OVERLAP EACH ROW 6" OVER THE TOP OF THE LOWER ROW
 - USE THE SUPPLIED PLASTIC CAP NAILS TO HELP HOLD THE FELT IN PLACE

Fig 16a:



INSTALL CORRUGATED METAL ROOFING:

- **STEP 1:**
START AT A BACK CORNER AND WORK YOUR WAY TO THE OPPOSITE SIDE TO CREATE THE FIRST ROW. OVERLAP CORRESPONDING PANELS TWO PEAKS (~4 1/2")
- USING AN IMPACT DRIVER, INSTALL NEOPRENE WASHER SCREWS EVERY 4 VALLEYS (12") ALONG BACK EDGE. BE SURE TO INSTALL SCREWS IN THE VALLEYS WHERE PANELS OVERLAP. *DO NOT GRID OUT METAL WITH FASTENERS AT THIS TIME
- **STEP 2:**
ADD ADDITIONAL ROWS, AS NEEDED, BY FOLLOWING METHODS IN STEP 1. EACH ROW MUST OVERLAP PREVIOUS ROW BY AT LEAST 6"
- **STEP 3:**
IN VALLEYS, INSTALL NEOPRENE WASHER SCREWS 12" ON CENTER IN BOTH DIRECTIONS (FORMING A GRID). USING A CHALKLINE TO DETERMINE THE FASTENER GRID IS RECOMMENDED

Fig 16b:

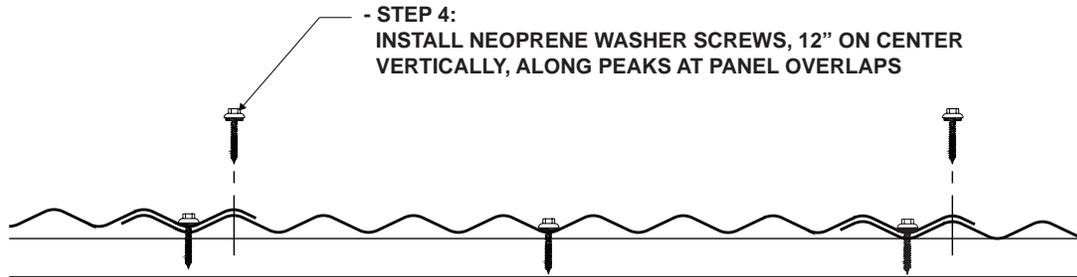
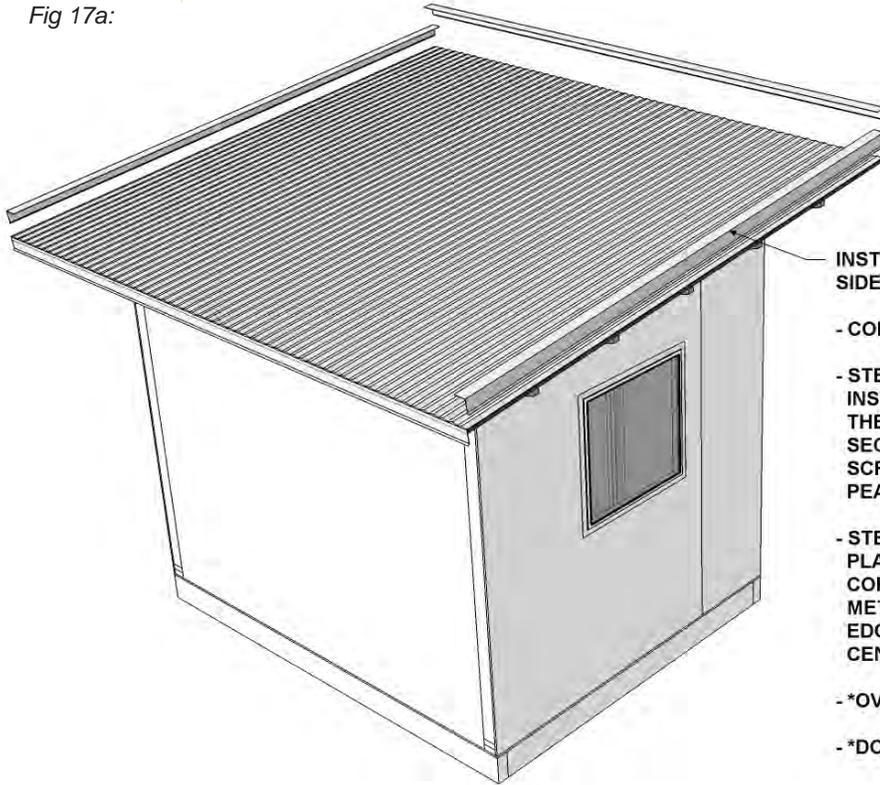


Fig 16c:

***DO NOT OVERTIGHTEN SCREWS!**



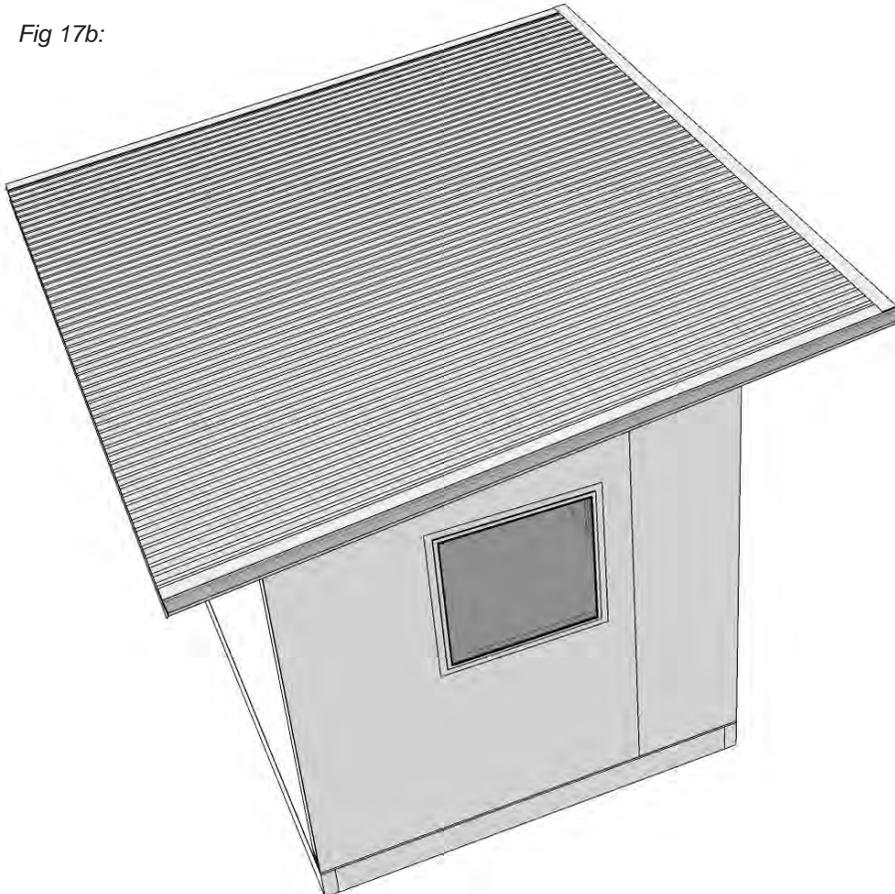
Fig 17a:



INSTALL METAL PROFILE 'A' (ROOF DRIP EDGE) ALONG SIDES AND FRONT OF SHED:

- CORNERS SHOULD MEET FLUSH
- STEP 1:
INSTALL THE DRIP EDGE ON THE SIDES FIRST. PLACE THE METAL ON TOP OF THE CORRUGATED ROOFING. SECURE THE DRIP EDGE USING NEOPRENE WASHER SCREWS 18" ON CENTER INTO CORRUGATED METAL PEAK BELOW
- STEP 2:
PLACE THE FRONT DRIP EDGE ON TOP OF THE CORRUGATED METAL ROOFING AND SIDE DRIP EDGE METAL INSTALLED DURING STEP 1. SECURE THE DRIP EDGE USING NEOPRENE WASHER SCREWS 18" ON CENTER INTO CORRUGATED METAL PEAKS BELOW
- *OVERLAP METAL 2"-3" IF MULTIPLE SECTIONS ARE USED
- *DO NOT OVERTIGHTEN SCREWS!

Fig 17b:



THE SUPPLIED COLOR MATCHED CAULK CAN BE USED TO BLEND SEAM AT DRIP EDGE CORNERS