

## **SUMMIT SERIES SHEDS**

### **BUILDING SHELL INSTALLATION GUIDE**

v1 - November 1, 2015

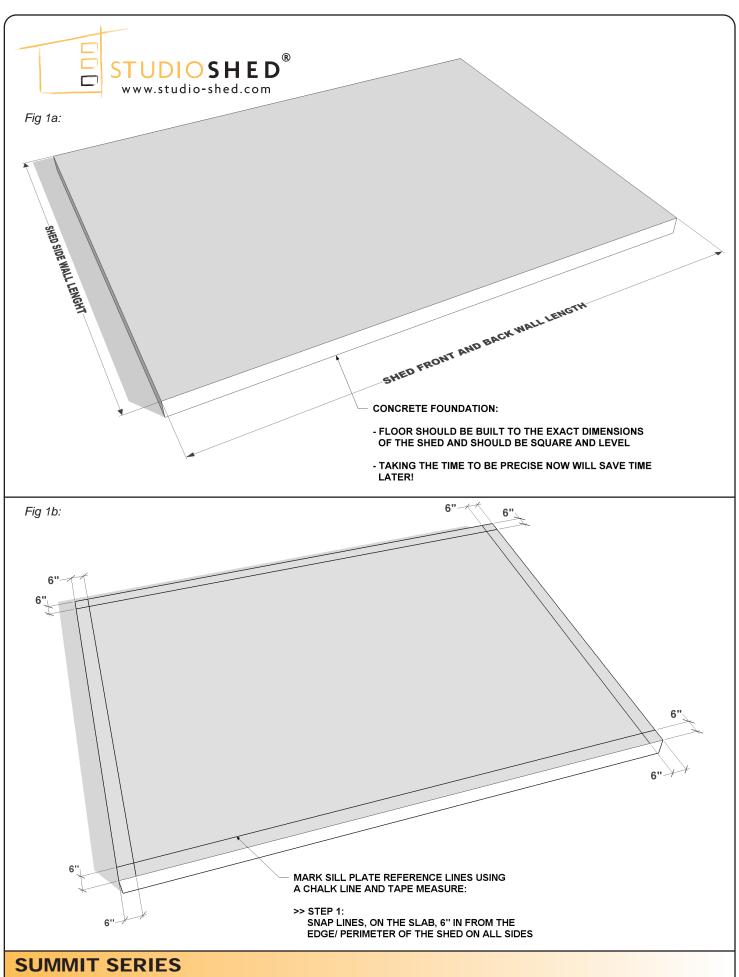
## **PLEASE**

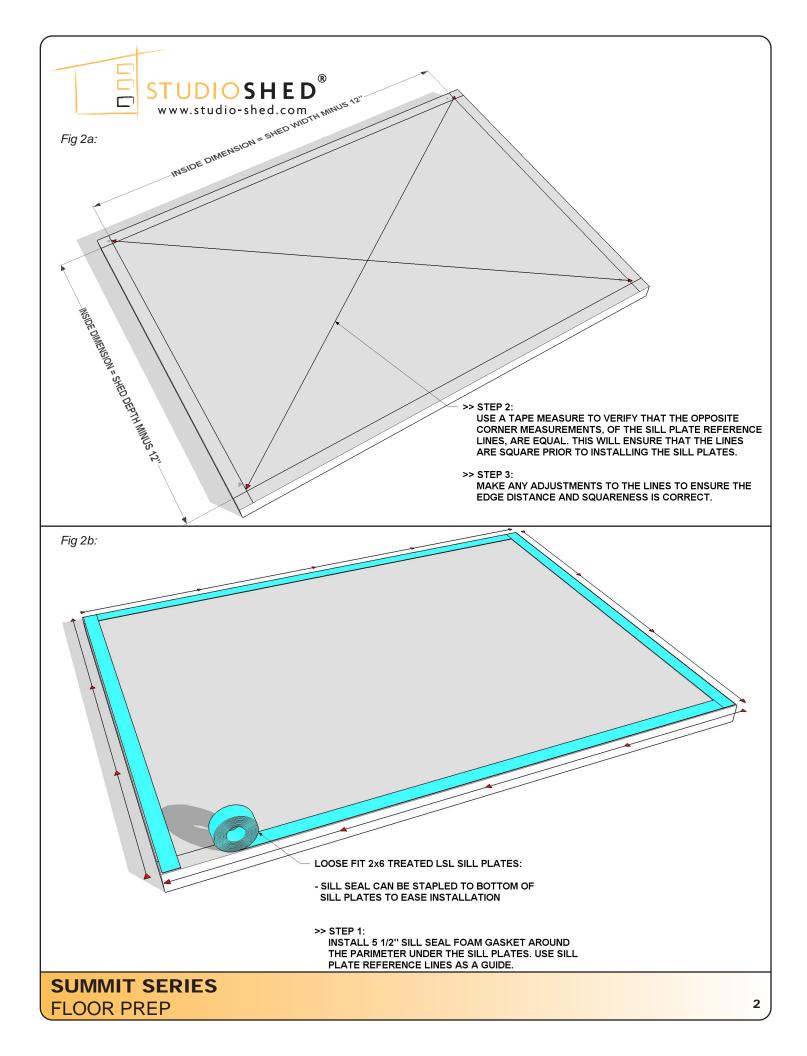


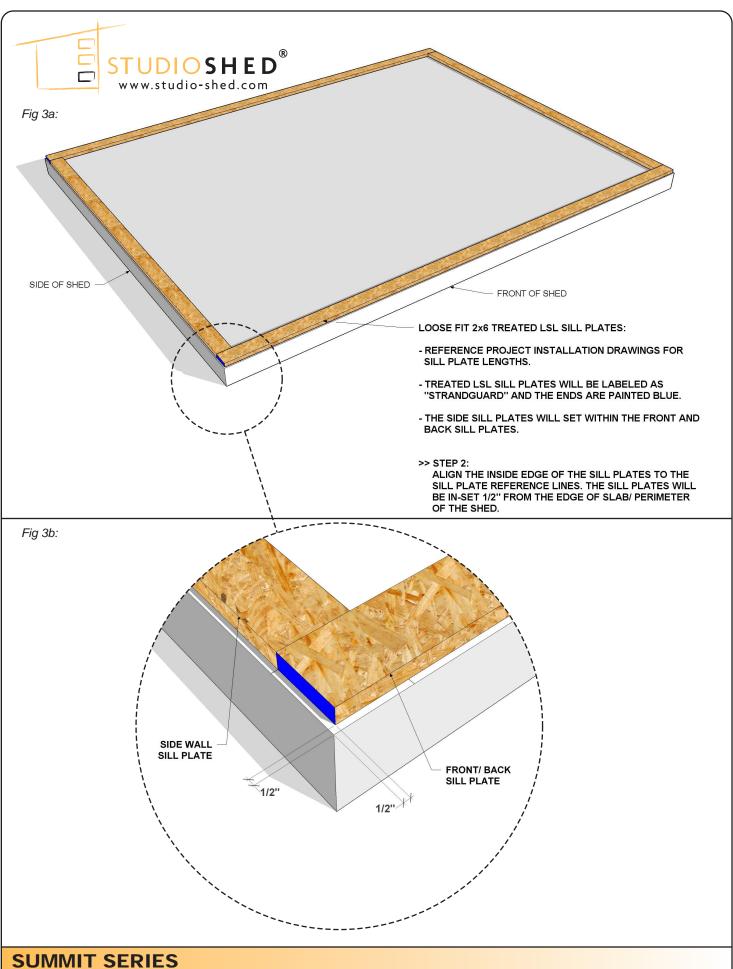
# AND READ CAREFULLY PRIOR TO STARTING INSTALLATION

**CALL US WITH QUESTIONS!** 

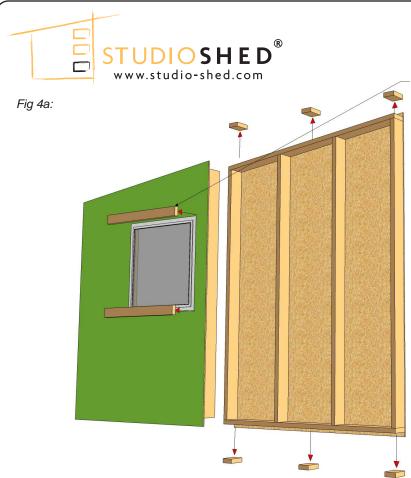
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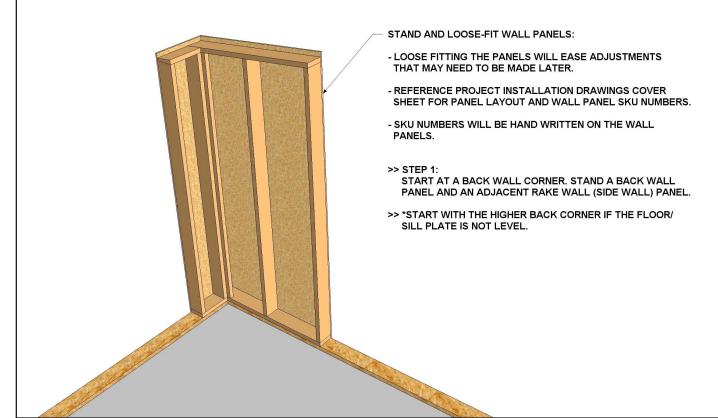
FLOOR PREP



PREP WALL PANELS FOR INSTALLATION:

- A T25 TORX AND PHILLIPS BIT WILL BE NEEDED TO REMOVE SCREWS.
- HANDLE PANELS WITH CARE! REMOVING SHIPPING BLOCKS WILL LEAVE 1 1/2" OF EXPOSED SHEATHING AT THE TOP AND BOTTOM OF THE WALL PANELS.
- >> STEP 1: REMOVE ALL SHIPPING BLOCKS AROUND WINDOWS.
- >> STEP 2: REMOVE ALL SHIPPING BLOCKS AT THE BASE AND TOP OF WALL PANELS.

Fig 4b:





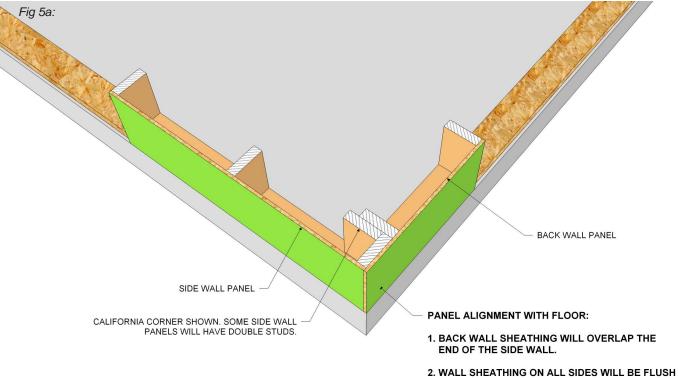
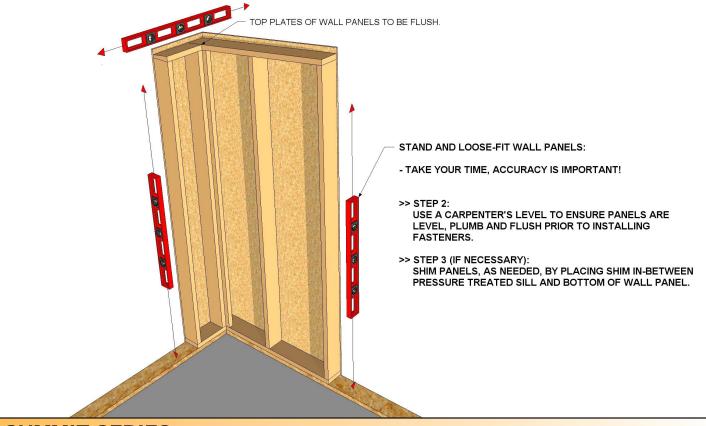


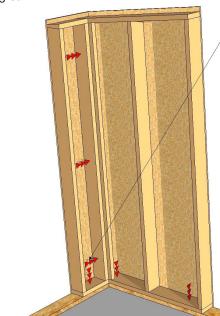
Fig 5b:



WITH FACE OF FLOOR/ PERIMETER LINE OF SHED.



Fig 6a:

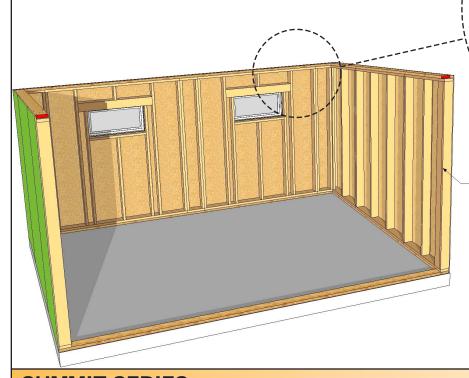


- STAND AND LOOSE-FIT WALL PANELS (FASTENING):
- DIFFERENT LENGTH WOOD SCREWS WILL BE USED DEPENDING ON THE NUMBER OF STUDS PRESENT AT THE CONNECTION:
- #12 x 3" WOOD SCREWS ARE TO BE USED WHEN FASTENING THROUGH ONE STUD INTO ONE STUD.
- -#12  $\times$  5" WOOD SCREWS ARE TO BE USED WHEN FASTENING THROUGH TWO STUDS INTO ONE OR MORE STUDS.
- \*BE AWARE OF WHERE THE SCREWS ARE GOING TO AVOID DAMAGE TO THE SHED (ESPECIALLY AROUND GLASS!).
- >> STEP 4:

INSTALL A WOOD SCREW  $\sim$ 6" FROM THE BOTTOM OF THE WALL PANEL INTO THE ADJACENT WALL PANEL.

- >> STEP 5 (IF NECESSARY):
  MAKE ADJUSTMENTS TO ENSURE PANELS ARE LEVEL, PLUMB
  AND FLUSH (FIG 5b).
- >> STEP 6: INSTALL ONE WOOD SCREW IN THE MIDDLE OF THE WALL PANEL INTO THE ADJACENT WALL PANEL.
- >> STEP 7 (IF NECESSARY):
  MAKE ADJUSTMENTS TO ENSURE PANELS ARE LEVEL, PLUMB
  AND FLUSH (FIG 5b).
- >> STEP 8: INSTALL ONE WOOD SCREW ~6" FROM THE TOP OF THE WALL PANEL INTO THE ADJACENT WALL PANEL.
- >> STEP 9 (OPTIONAL):
  USE BRACING OR INSTALL A WOOD SCREW AT EACH END OF
  WALL PANEL INTO THE SILL PLATE TO KEEP WALLS FROM
  MOVING OR FALLING IN WINDY CONDITIONS.

Fig 6b:



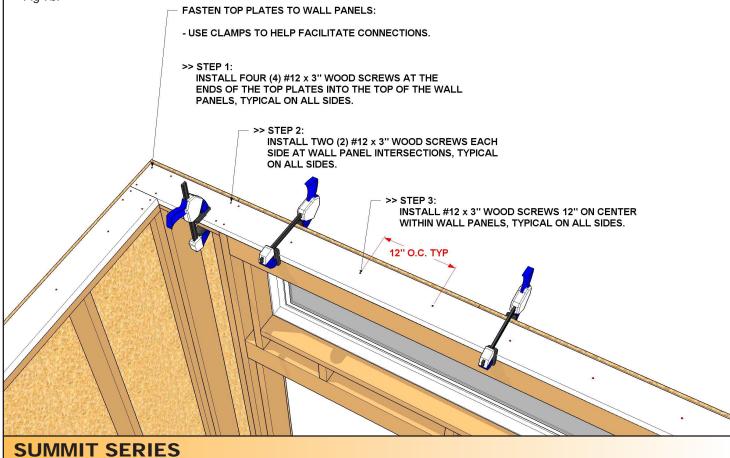
- STAND AND LOOSE-FIT WALL PANELS:
- REFERENCE PROJECT INSTALLATION DRAWINGS FOR TOP PLATE LOCATIONS AND LENGTHS.
- TOP PLATE ENDS WILL BE PAINTED RED.
- FRONT AND BACK TOP PLATES WILL OVERLAP SIDE WALLS.

#### >> STEP 10:

INSTALL REMAINING BACK AND SIDE WALL PANELS USING METHODS DESCRIBED IN FIG 4b-6a. CLAMP TOP PLATES TO THE TOP OF THE WALL PANELS TO AID PULLING PANELS INTO ALIGNMENT.

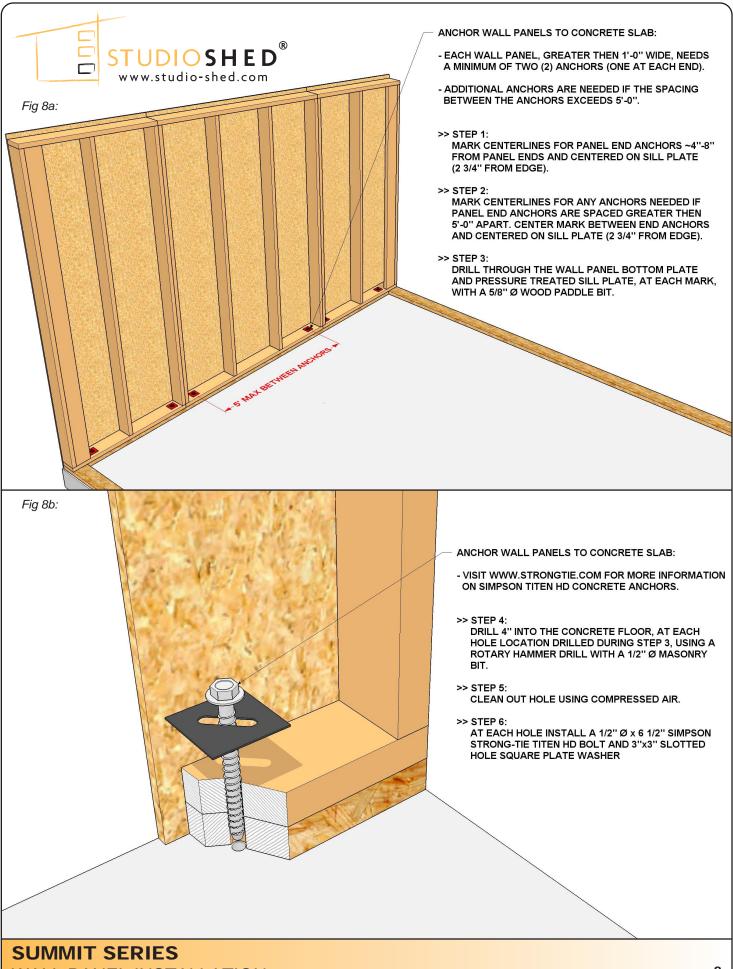
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WALL PANEL INSTALLATION



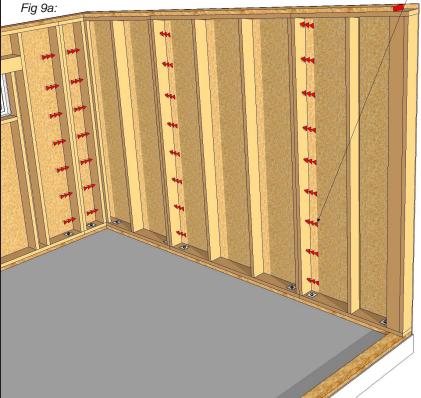


WALL PANEL INSTALLATION

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INSTALL FINAL WOOD SCREWS AT ALL WALL PANEL INTERSECTIONS:

- SCREWS USED DURING LOOSE FITTING OF WALL PANELS CAN BE INCLUDED.

#### >> STEP 1:

INSTALL WOOD SCREWS 12" ON CENTER VERTICALLY AT EACH WALL PANEL TO WALL PANEL INTERSECTION. START FROM THE BOTTOM AND WORK TOWARD THE TOP.

#### >> STEP 2:

AT CORNERS, INSTALL WOOD SCREWS 12" ON CENTER VERTICALLY. INSTALL SCREWS THROUGH FRONT/ BACK WALLS INTO SIDE WALLS. START FROM THE BOTTOM AND WORK TOWARD THE TOP.

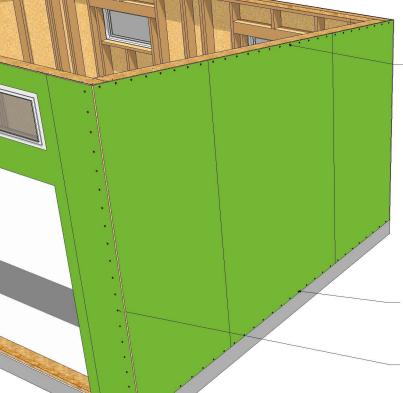


Fig 9b:

 NAIL EXTERIOR SHEATHING TO TOP PLATES, SILL PLATES AND CORNERS:

- A PNEUMATIC FRAMING NAILER IS RECOMMENDED.

#### >> STFP 1:

NAIL GALVANIZED 8d OR 10d NAILS 6" ON CENTER AND 3/4" DOWN FROM THE TOP OF THE TOP PLATE ON ALL SIDES.

#### >> STEP 2:

NAIL GALVANIZED 8d OR 10d NAILS 6" ON CENTER AND 3/4" UP FROM THE BOTTOM OF THE EXTERIOR WALL SHEATHING INTO THE SILL PLATES ON ALL SIDES.

#### >> STEP 3:

NAIL GALVANIZED 8d OR 10d NAILS THROUGH THE FRONT/ BACK WALL SHEATHING, VERTICALLY, 6" ON CENTER AND 3" IN FROM THE SIDE WALLS AT ALL CORNERS.

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WALL PANEL INSTALLATION



Fig 10a:



#### WEATHERSEAL THE SHED:

- USE THE SUPPLIED ZIP SYSTEM™ SHEATHING TAPE.

#### >> STEP 1:

TAPE THE SEAM BETWEEN THE BOTTOM OF THE WALL PANELS AND FOUNDATION. BRING TAPE DOWN ~1" BELOW BOTTOM OF FLOOR SHEATHING.

#### >> STEP 2:

TAPE ALL VERTICAL WALL PANEL INTERSECTION SEAMS (OVERLAP THE TAPE EQUALLY).

#### >> STEP 3:

TAPE ALL CORNERS (OVERLAP THE TAPE EQUALLY).

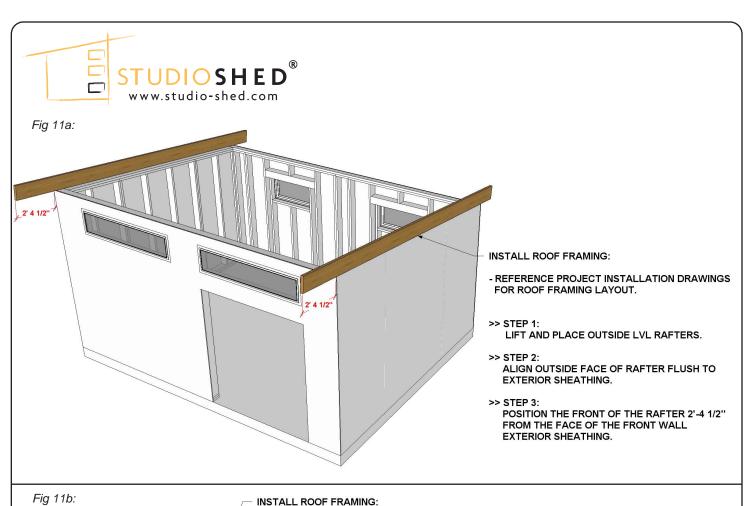
#### >> STEP 4:

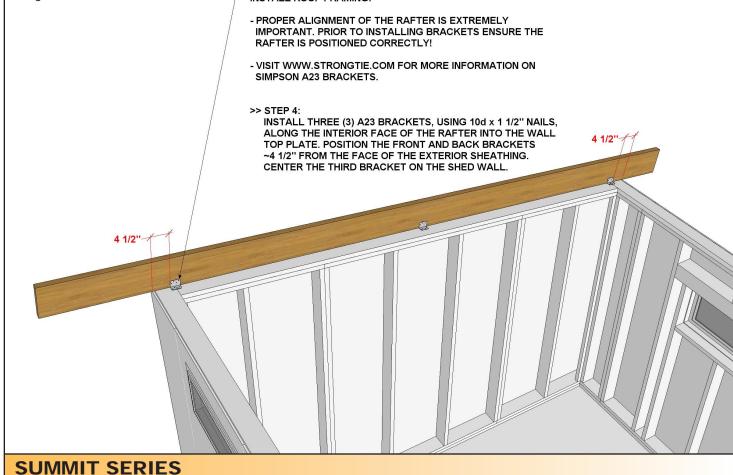
TAPE THE SEAM BETWEEN THE TOP OF THE WALL PANELS AND THE TOP PLATES BY WRAPPING THE TAPE OVER THE TOP OF THE WALLS (OVERLAP THE TAPE EQUALLY).

Fig 10b:



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WALL PANEL INSTALLATION



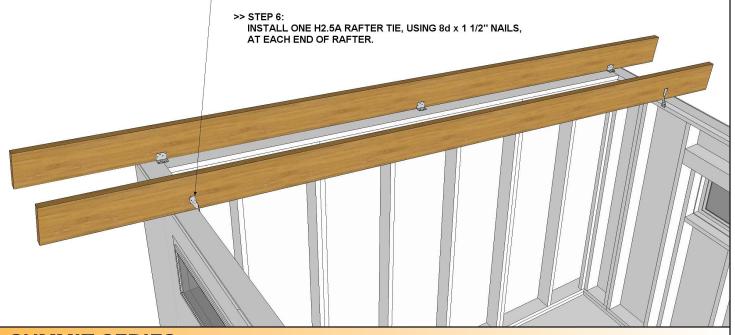


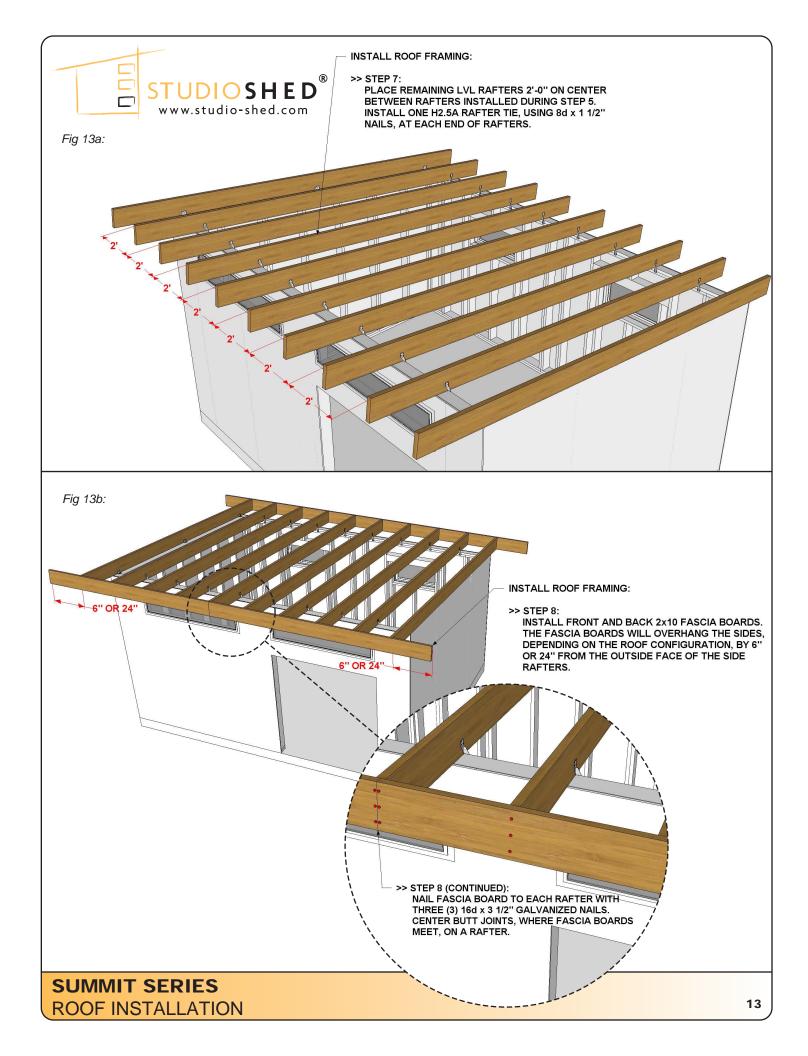


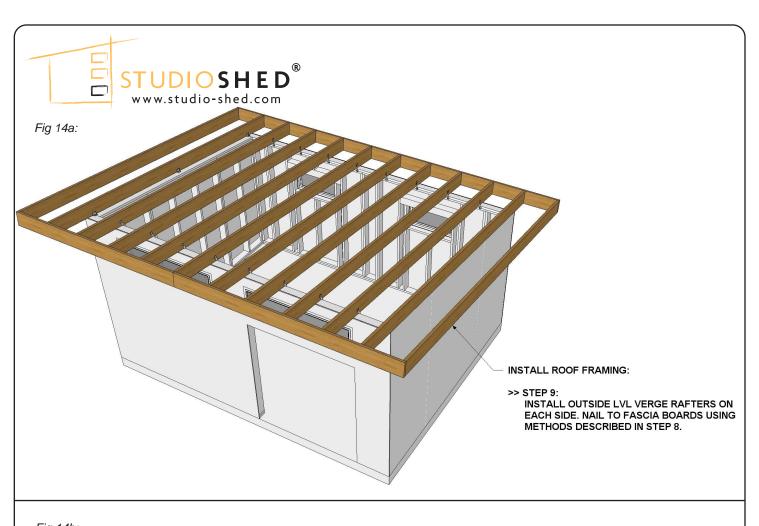


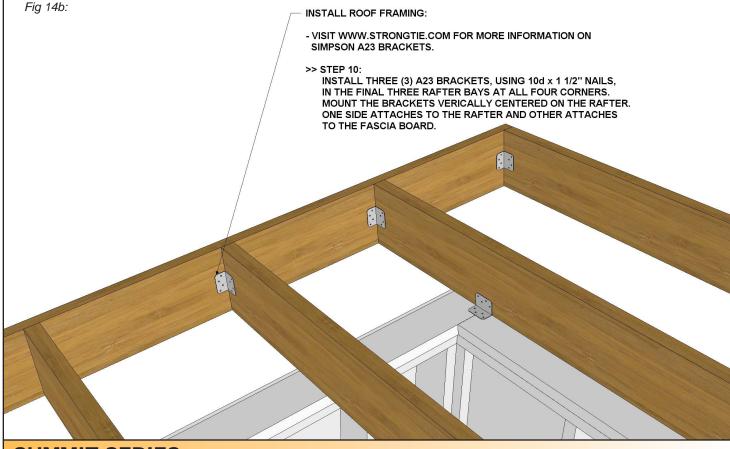
#### INSTALL ROOF FRAMING:

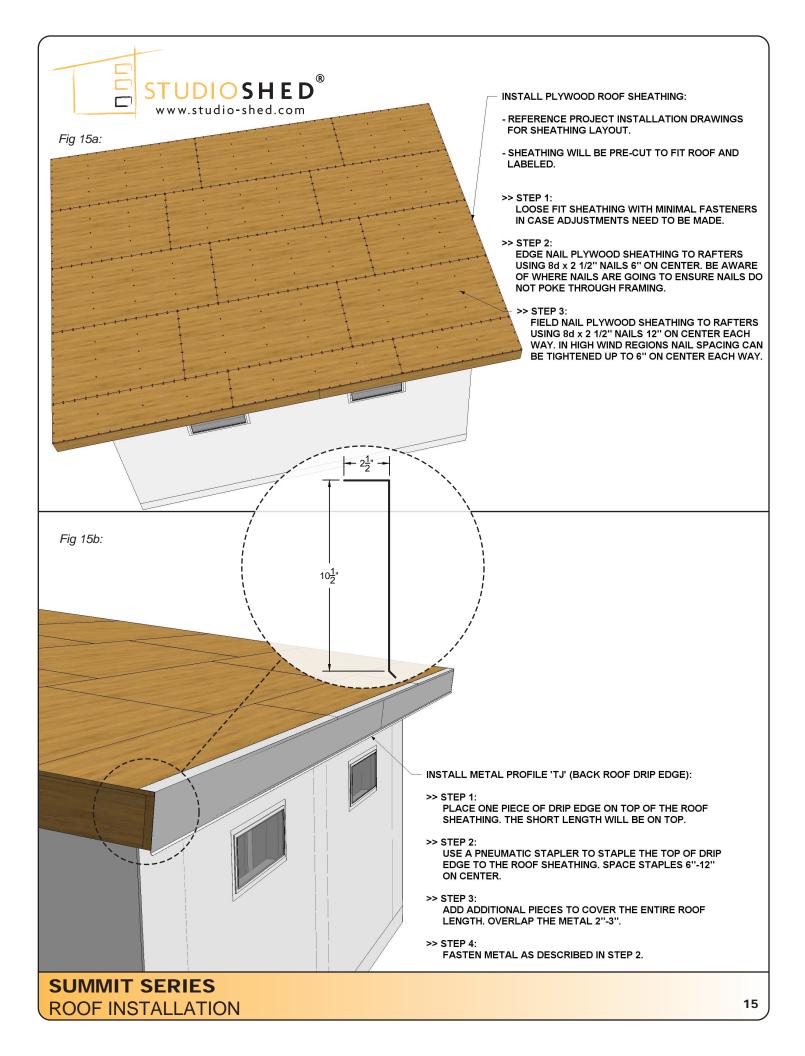
- PROPER ALIGNMENT OF THE RAFTER IS EXTREMELY IMPORTANT. PRIOR TO INSTALLING BRACKETS ENSURE THE RAFTER IS POSITIONED CORRECTLY!
- VISIT WWW.STRONGTIE.COM FOR MORE INFORMATION ON SIMPSON H2.5A RAFTER TIES.

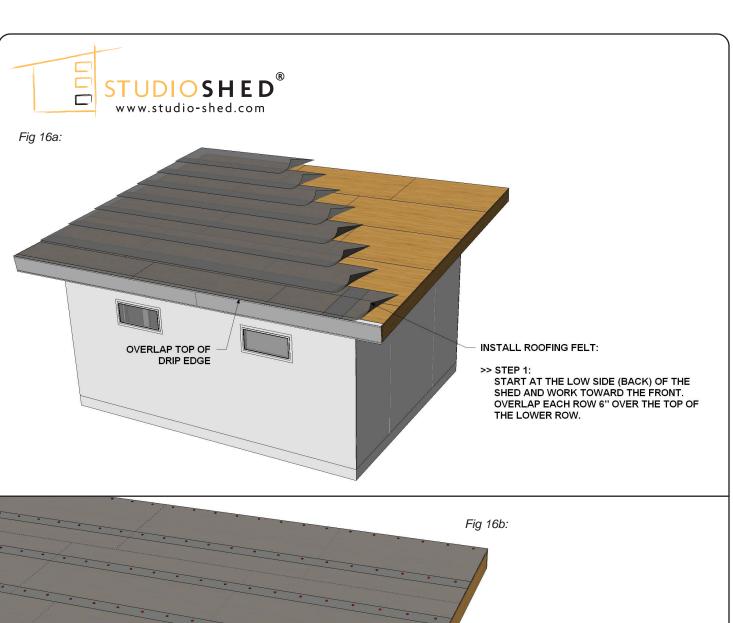


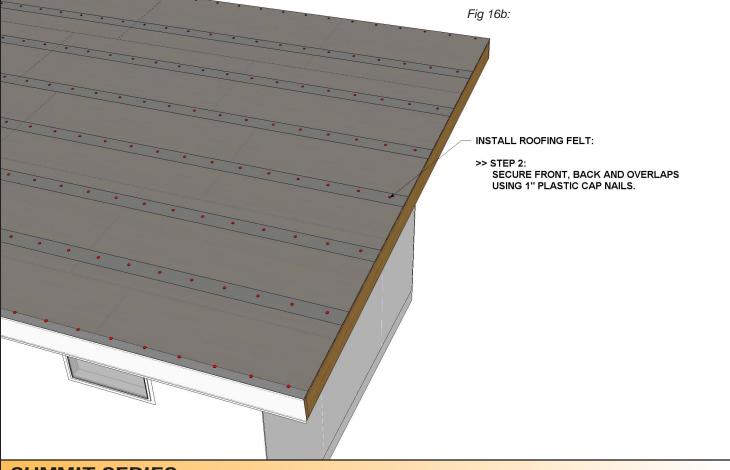


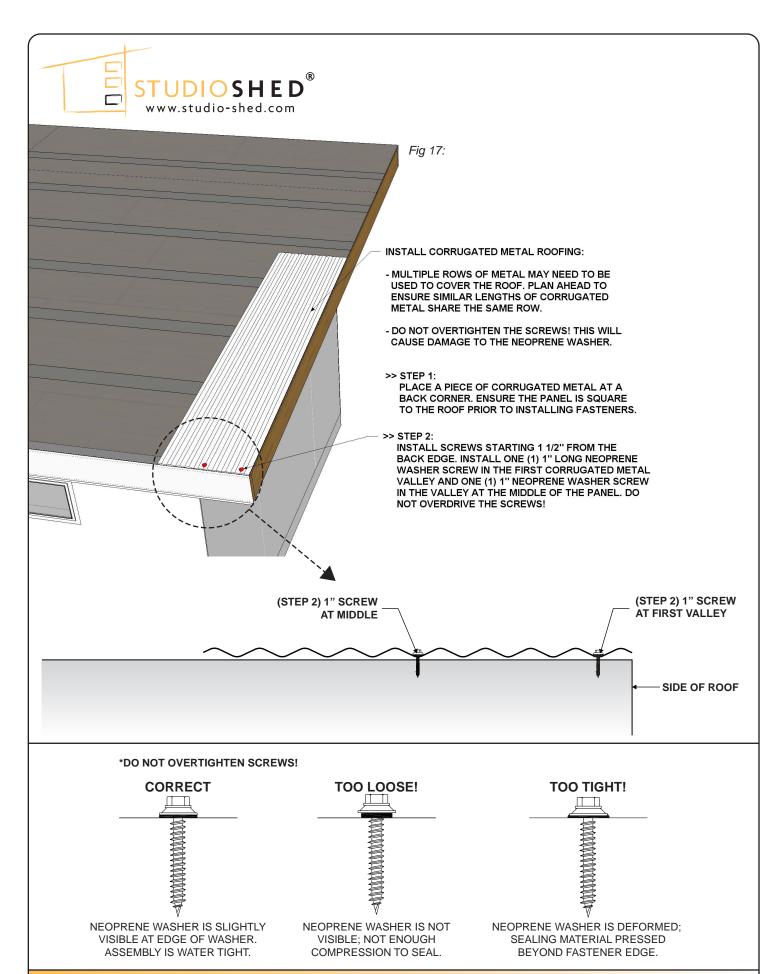


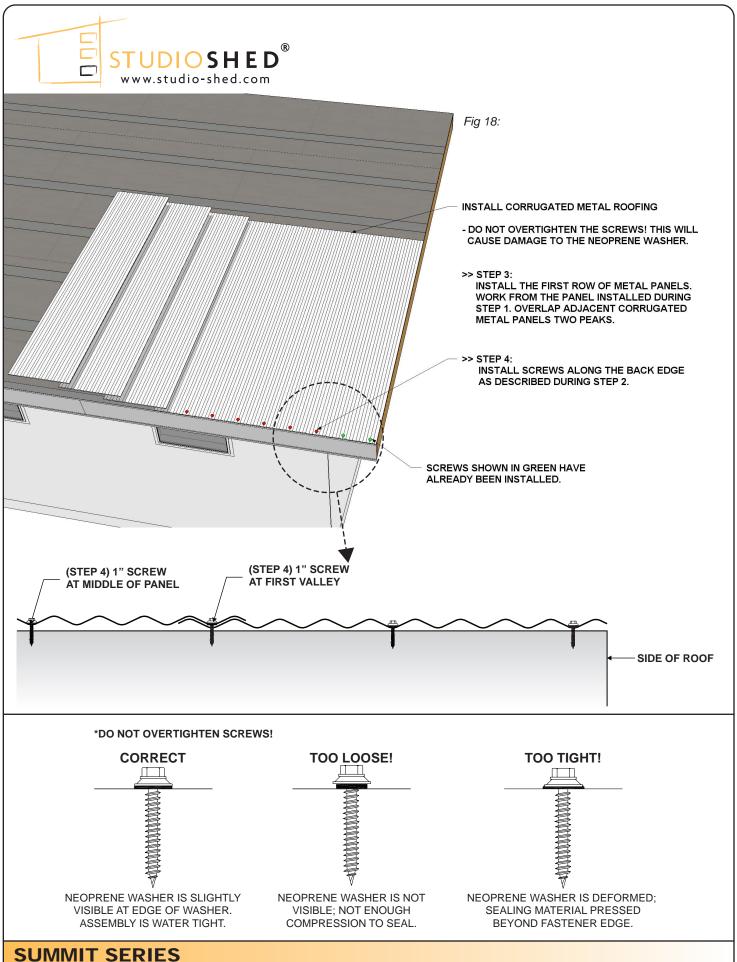












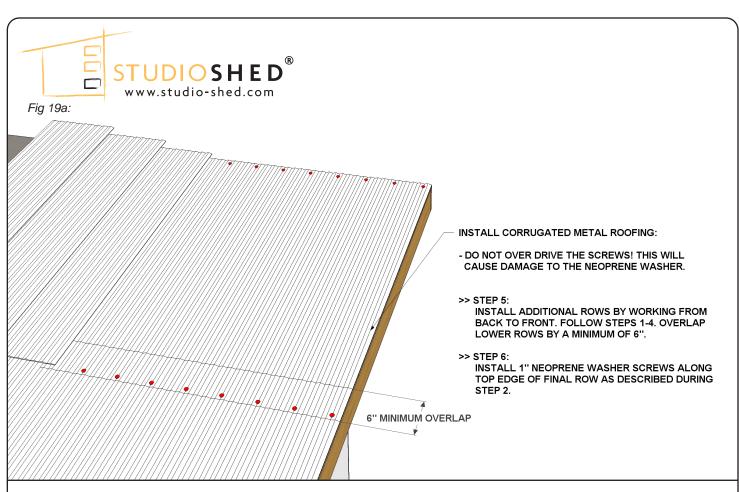
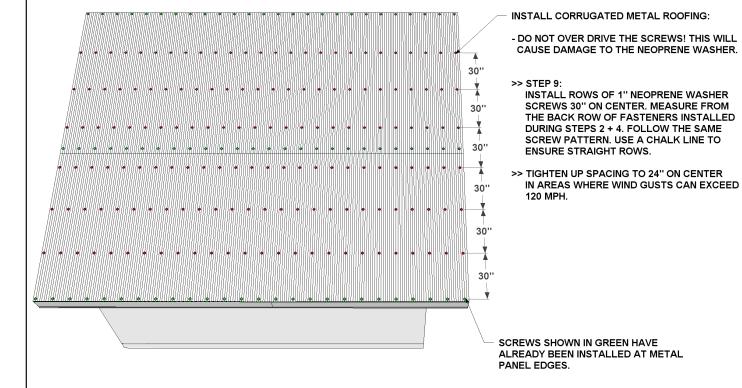
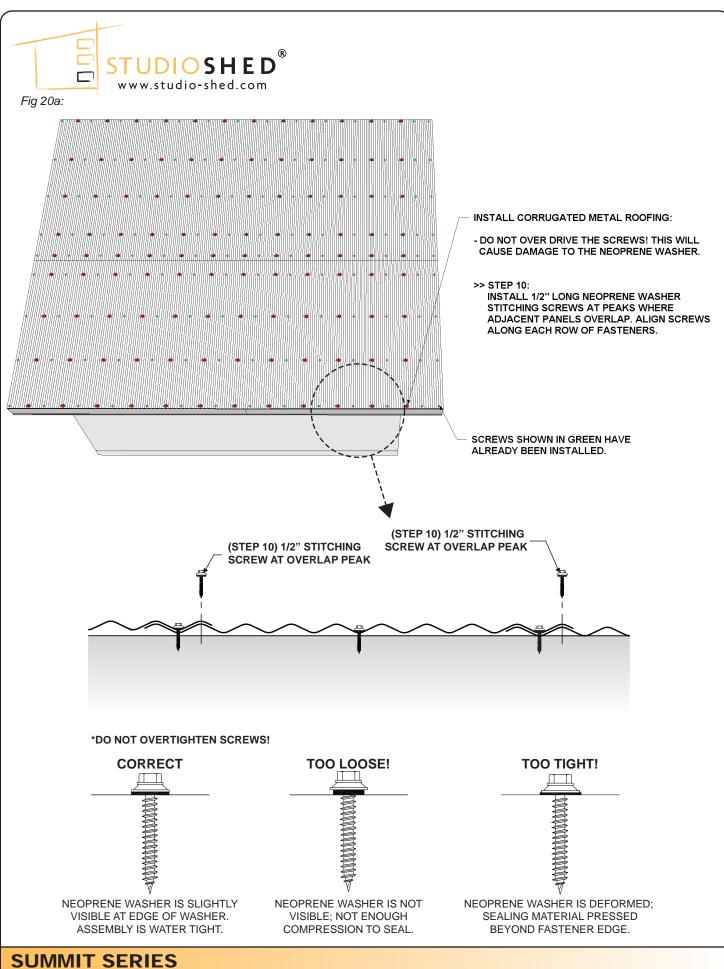
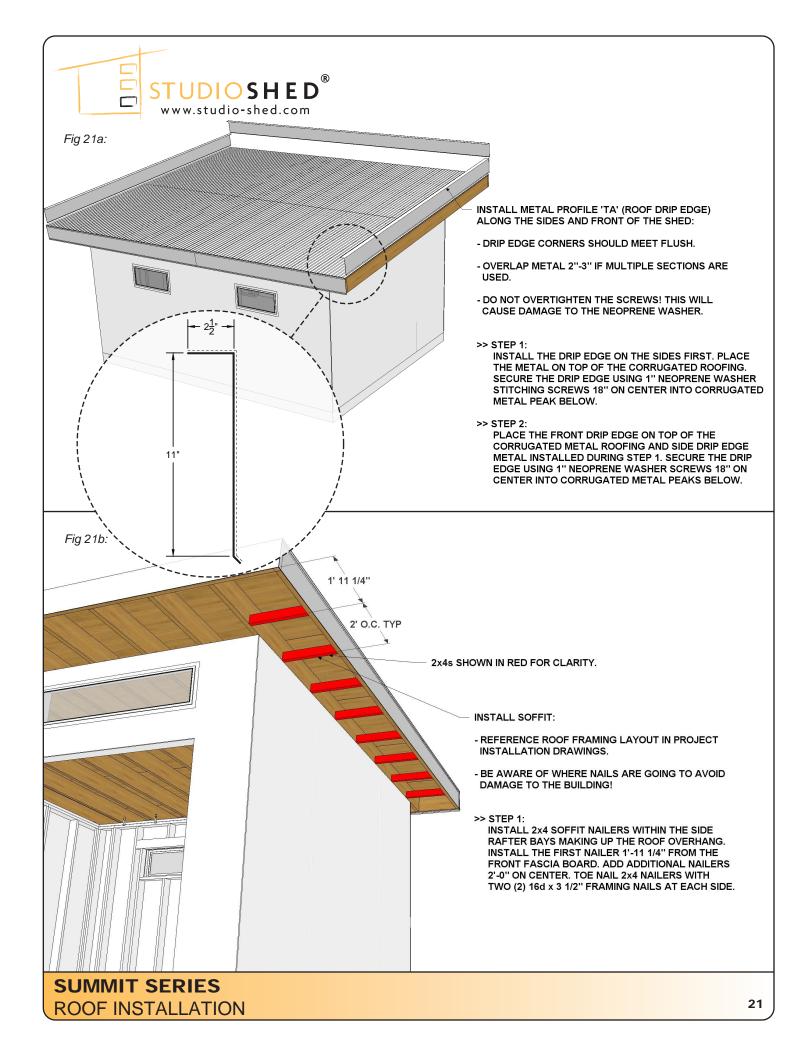
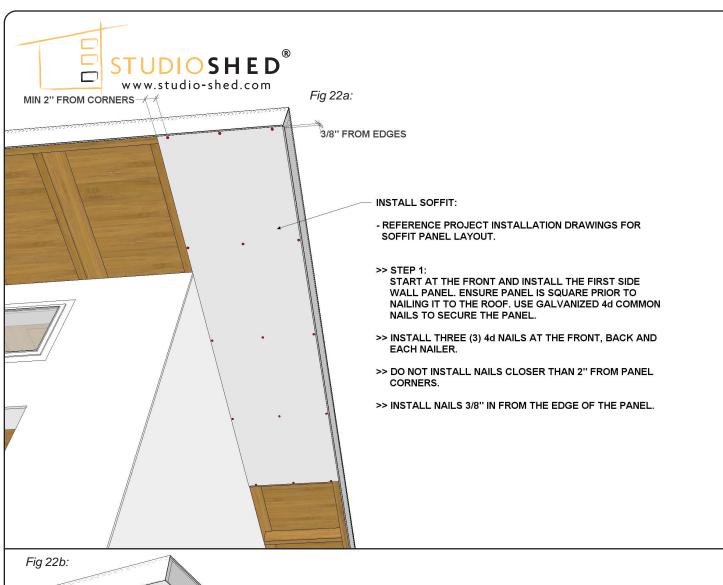


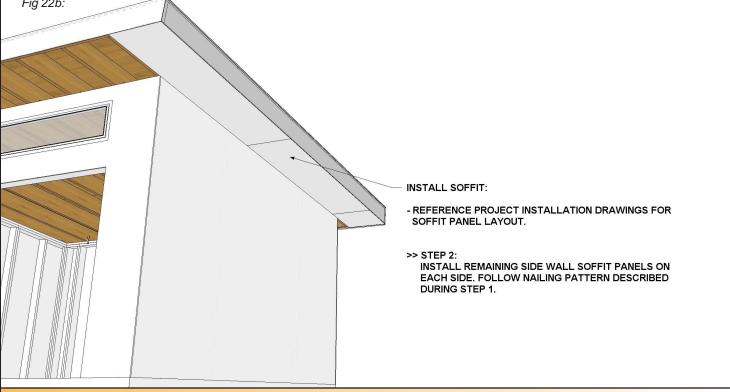
Fig 19b:

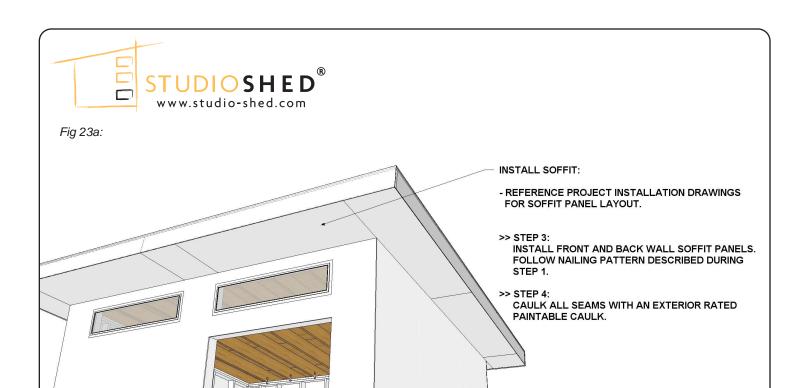












BUILDING SHELL INSTALLATION IS COMPLETE. SEE APPROPRIATE SIDING INSTALLATION GUIDE TO CONTINUE.