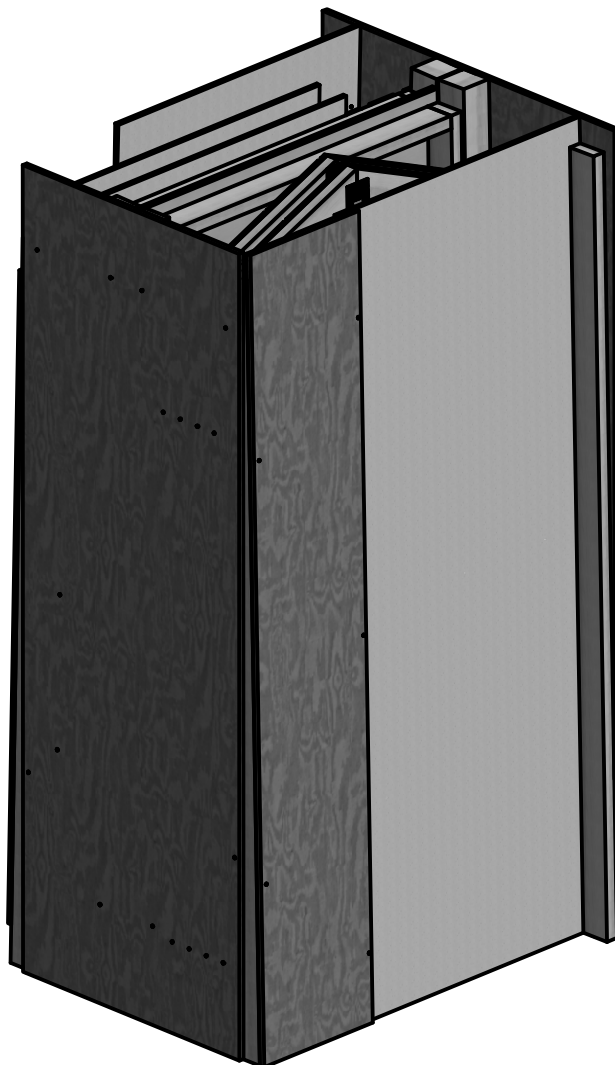




# *READY SHED* **8X8 BARN SHED**

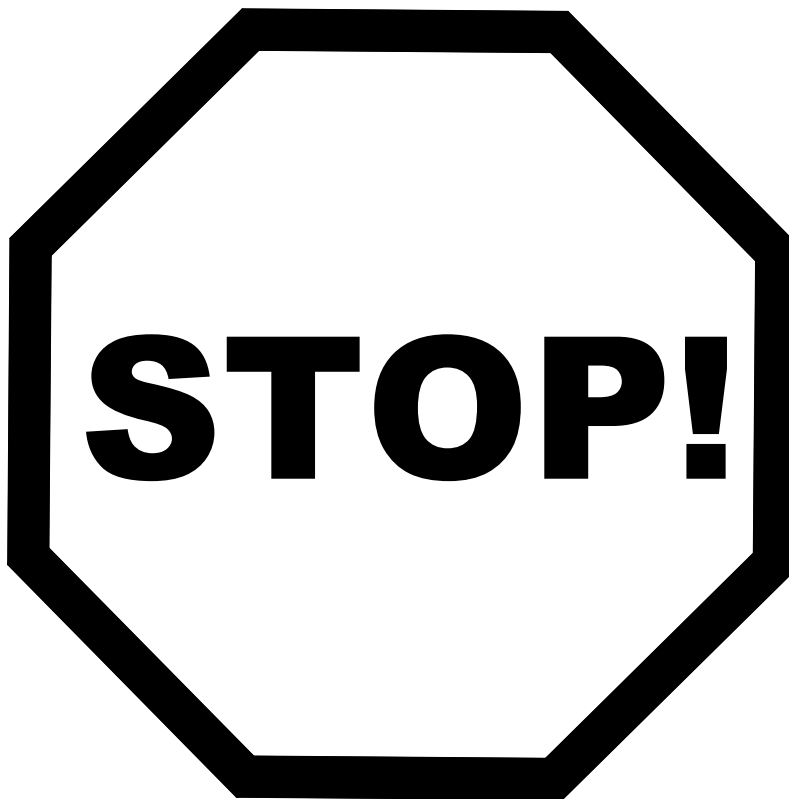
**MODEL: # 817220010**



***READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING CONSTRUCTION.***

*Manufacturer:*      *Backyard Discovery*  
                                 *3305 Airport Drive*  
                                 *Pittsburg, KS 66762*  
                                 *1-800-856-4445*

*Save this assembly manual for future reference in the event that  
you need to order replacement parts.*



**DO NOT RETURN THIS PRODUCT TO STORE!**

If you have questions or concerns,  
please call 800-856-4445

or

email [customerserv@backyarddiscovery.com](mailto:customerserv@backyarddiscovery.com)

**IMPORTANT!**

**READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING.**

**BEFORE YOU BEGIN**

- **SAFETY FIRST**

*Your safety is what matters, follow the instructions fully to ensure it gets dissassembled correctly and safely.*

- **SURFACE PREPARATION**

*To ensure proper disassembly you must uncrate your shed on a level firm surface.*

- **HANDLE WITH CARE**

*This crate is your shed, handle all parts with care as you follow the instructions to take it apart.*

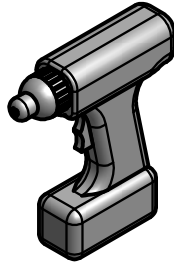
- **DON'T THROW ANYTHING AWAY**

*Keep all parts during the disassembly until you are able to inventory the parts using the next Instruction Manual found in your shed crate.*

- **DON'T SKIP ANY STEPS**

*This crate has been designed to keep it's parts from being damaged and from falling over. Skipping steps could cause parts to fall and land on you or cause damage to your shed or surrounding structures.*

# DISASSEMBLY TOOLS REQUIRED



- *Drill*



- *Phillips Bit Driver*

## OTHER TOOLS WE SUGGEST



- *Utility Knife*

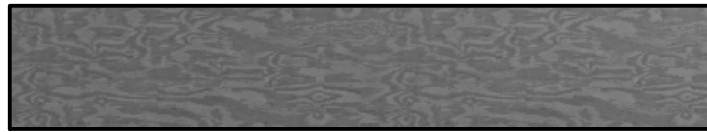


- *6' Ladder*



- *Gloves*

## **PARTS BEING REMOVED**



(1) - 5/8" OSB FLOOR SHEATHING - W4L07734  
5/8"x16"x92"



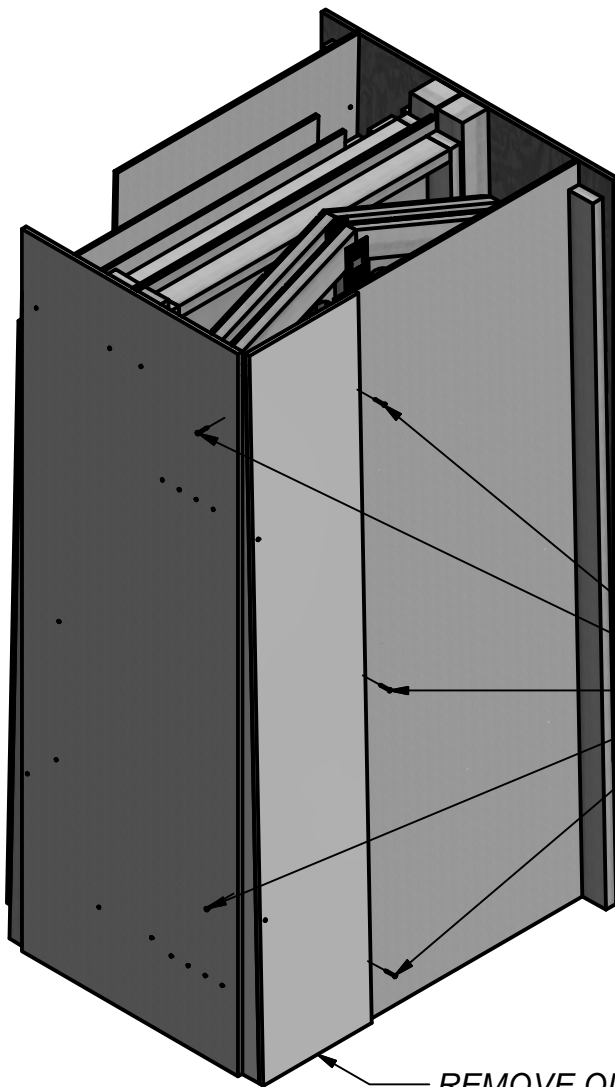
(1) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED

### **DON'T SKIP ANY STEPS**

*This crate has been designed to keep it's parts from being damaged and from falling over. Skipping steps could cause parts to fall and land on you or cause damage to your shed or surrounding structures.*

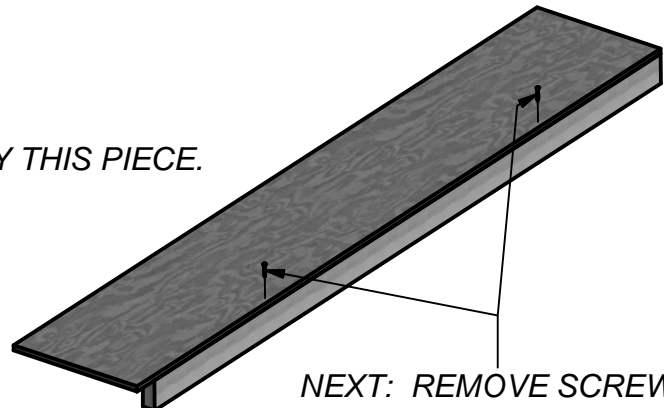
•These instructions will take you step by step through the disassembly process.

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.



REMOVE ONLY THE 5 SCREWS  
SHOWN HERE.

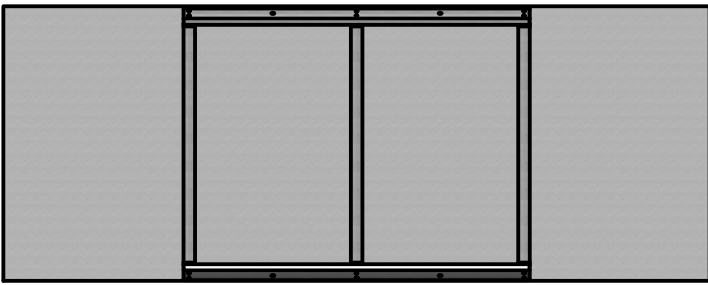
REMOVE ONLY THIS PIECE.



NEXT: REMOVE SCREW  
(2 PLS)



## PARTS BEING REMOVED

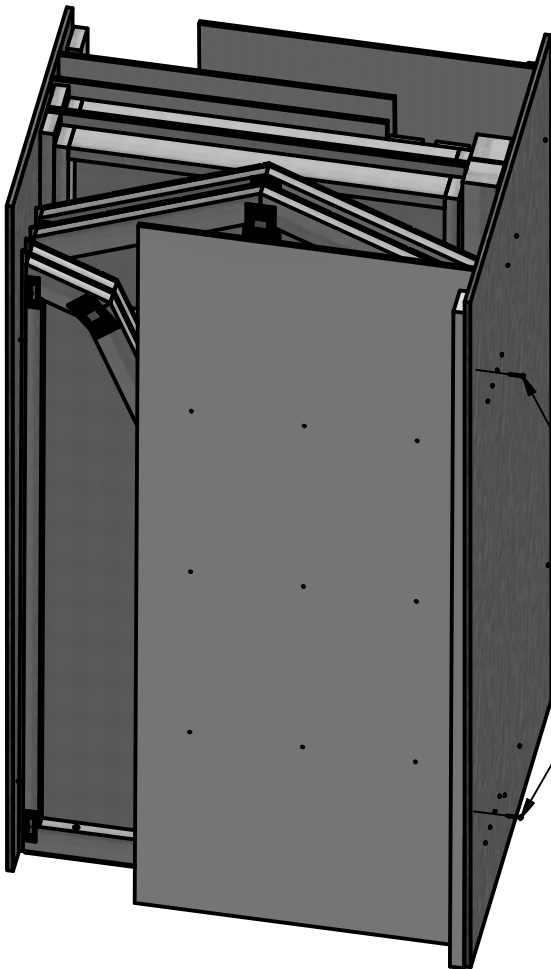


(1) RP1 - ROOF PANEL - W2A02123

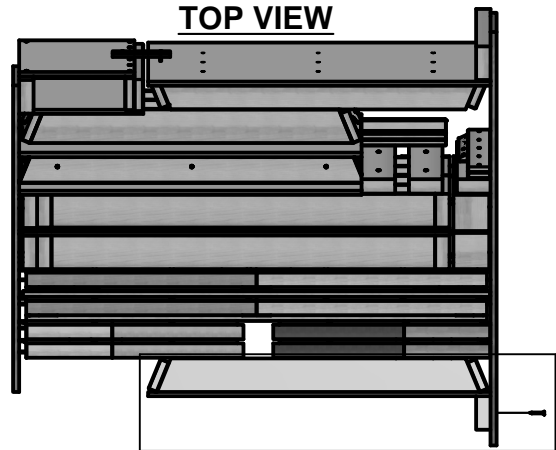


(1) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

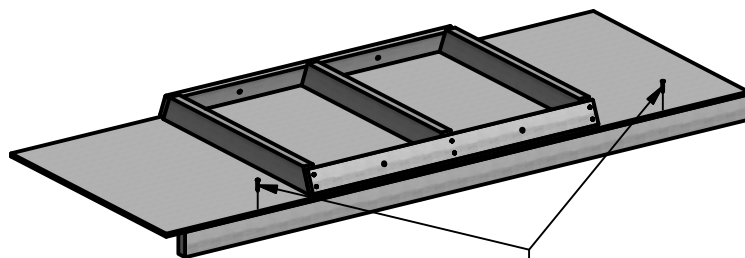


REMOVE SCREW  
(2 PLS)



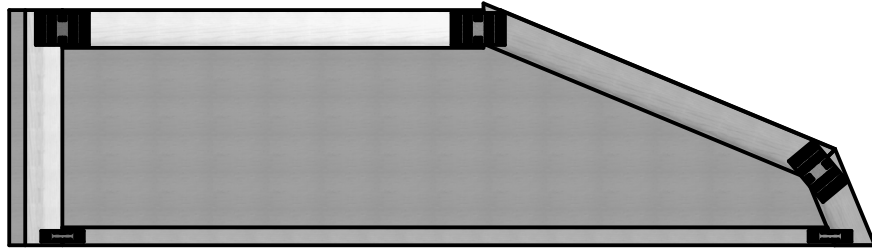
TOP VIEW

REMOVE



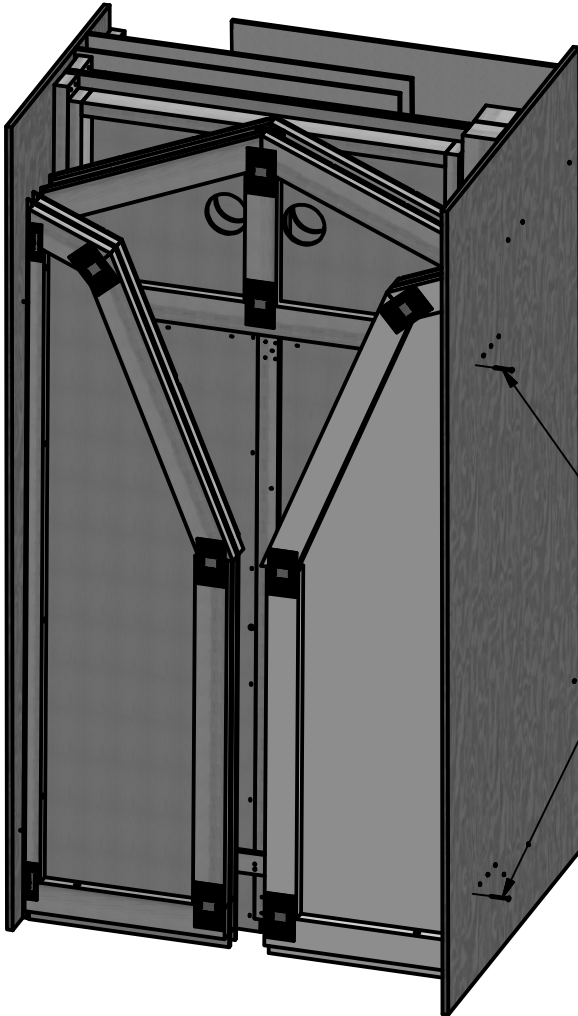
NEXT: REMOVE SCREW  
(2 PLS)

## PARTS BEING REMOVED



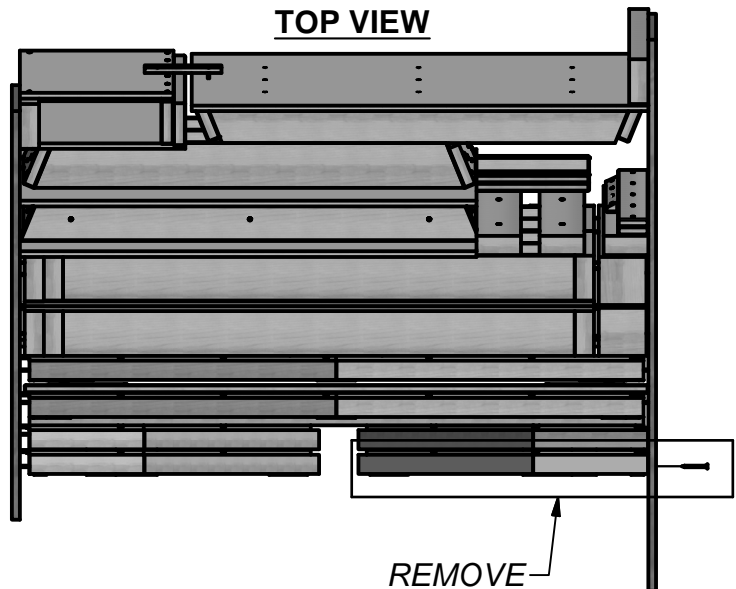
(1) WP5 - UNIVERSAL RIGHT  
WALL PANEL - W2A02122

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.



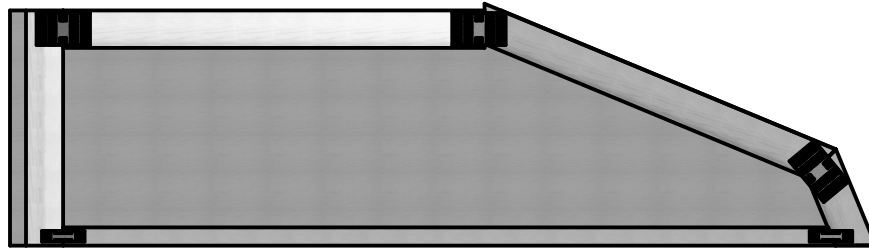
REMOVE SCREW  
(2 PLS)

## TOP VIEW



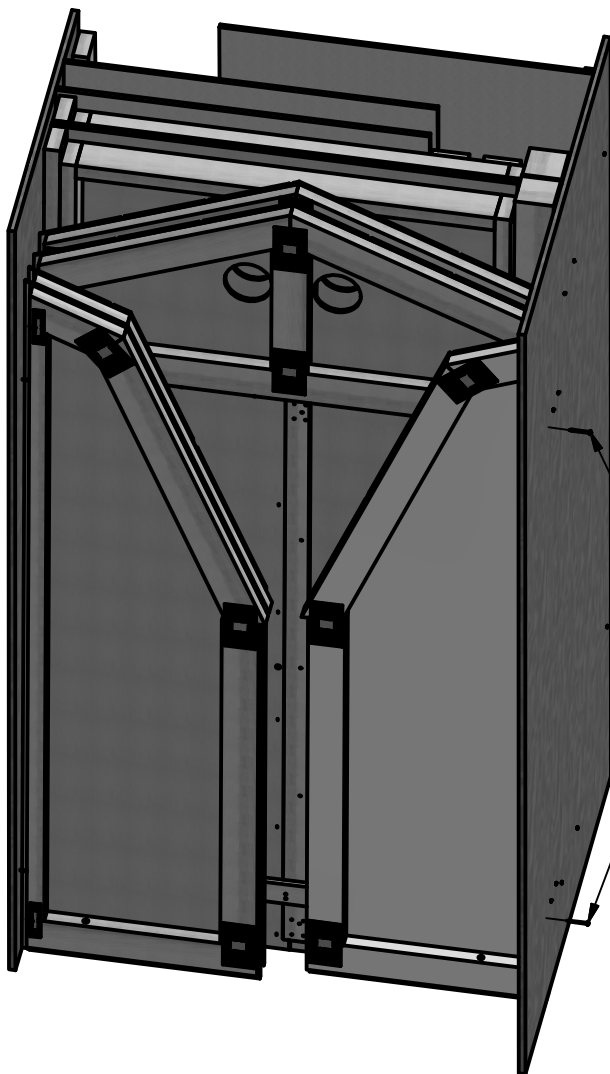
REMOVE

## PARTS BEING REMOVED



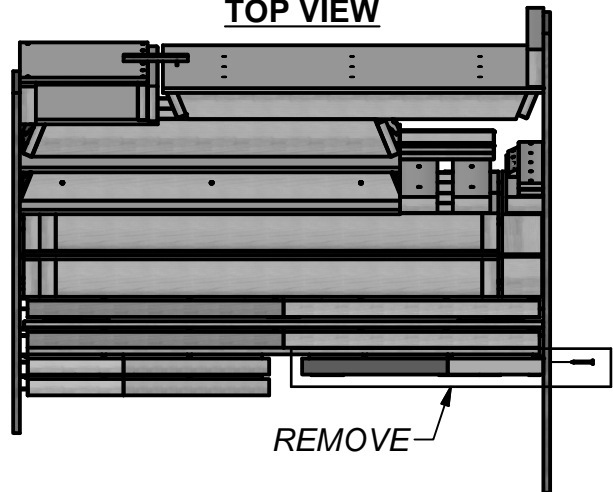
(1) WP5 - UNIVERSAL RIGHT  
WALL PANEL - W2A02122

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.



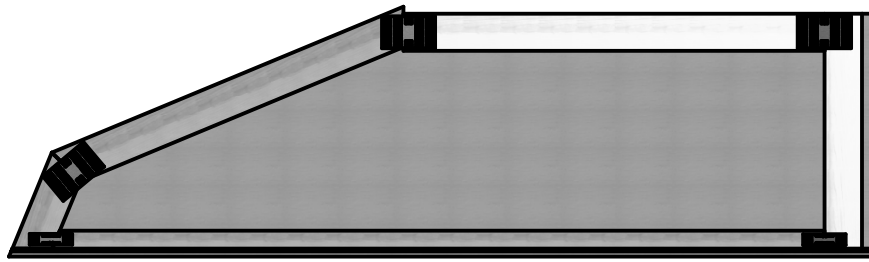
REMOVE SCREW  
(2 PLS)

## TOP VIEW



REMOVE

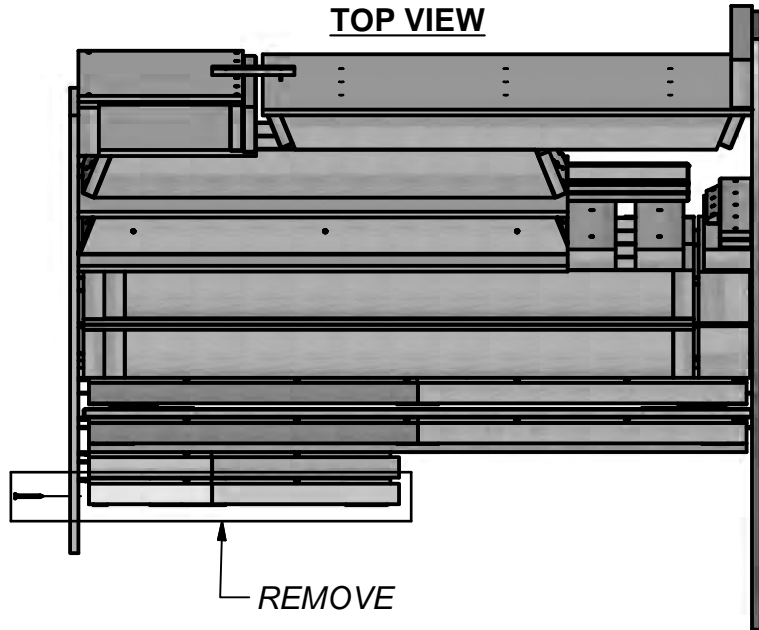
## **PARTS BEING REMOVED**



**(1) WP4 - UNIVERSAL LEFT  
WALL PANEL - W2A02121**

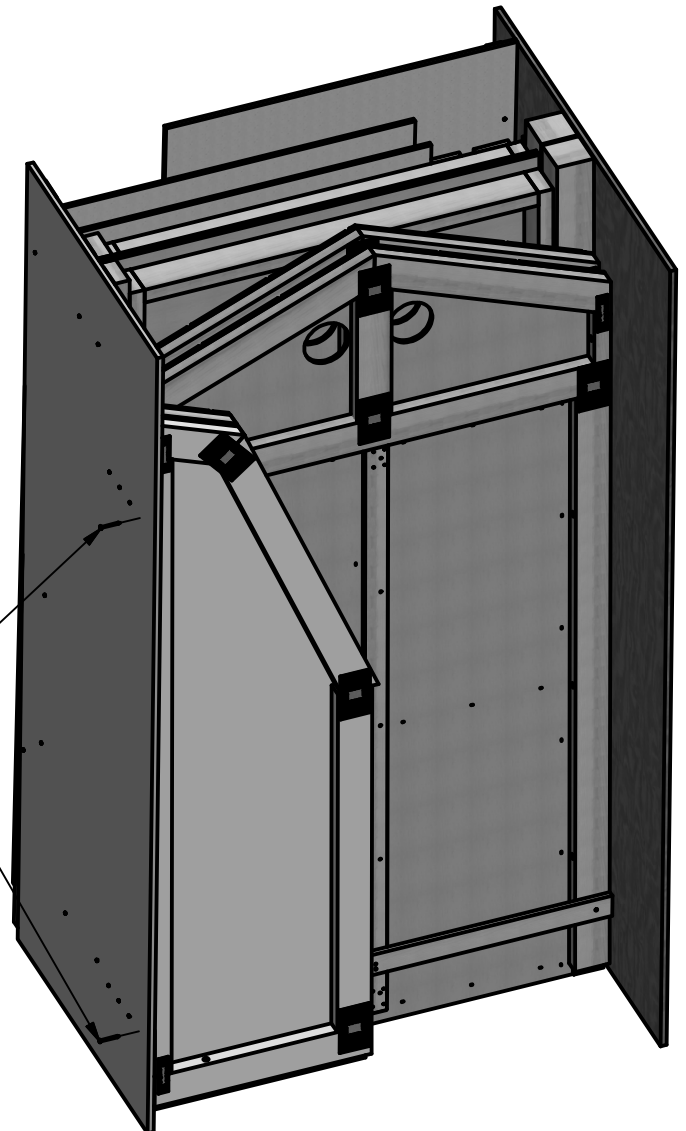
•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

### **TOP VIEW**

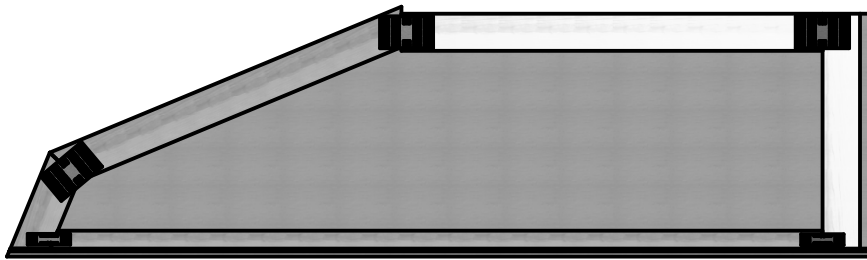


REMOVE

REMOVE SCREW  
(2 PLS)



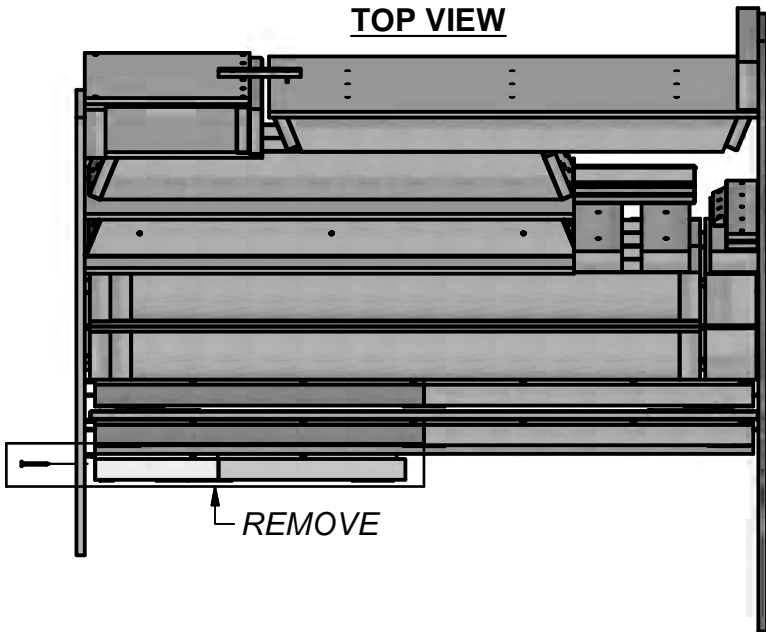
## PARTS BEING REMOVED



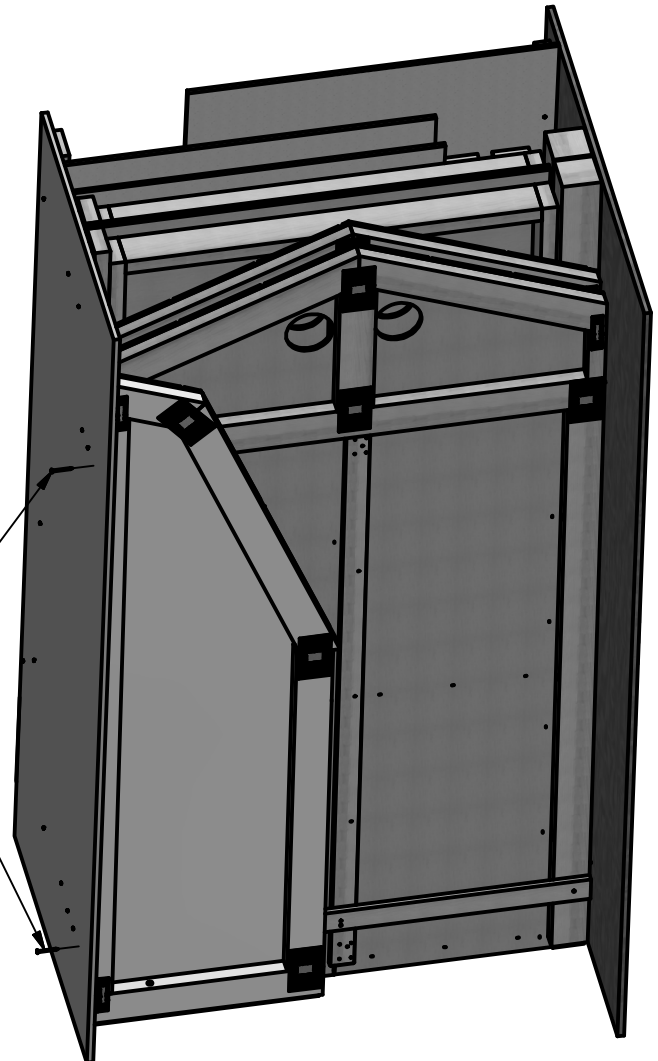
(1) WP4 - UNIVERSAL LEFT  
WALL PANEL - W2A02121

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

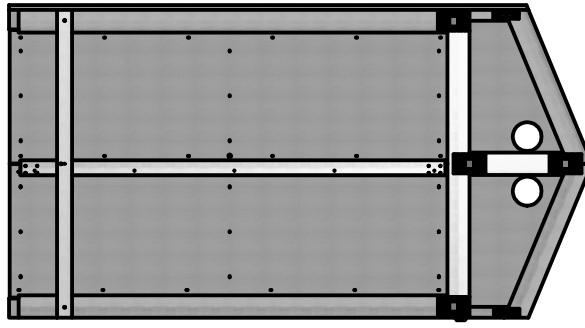
### TOP VIEW



REMOVE 2 SCREWS

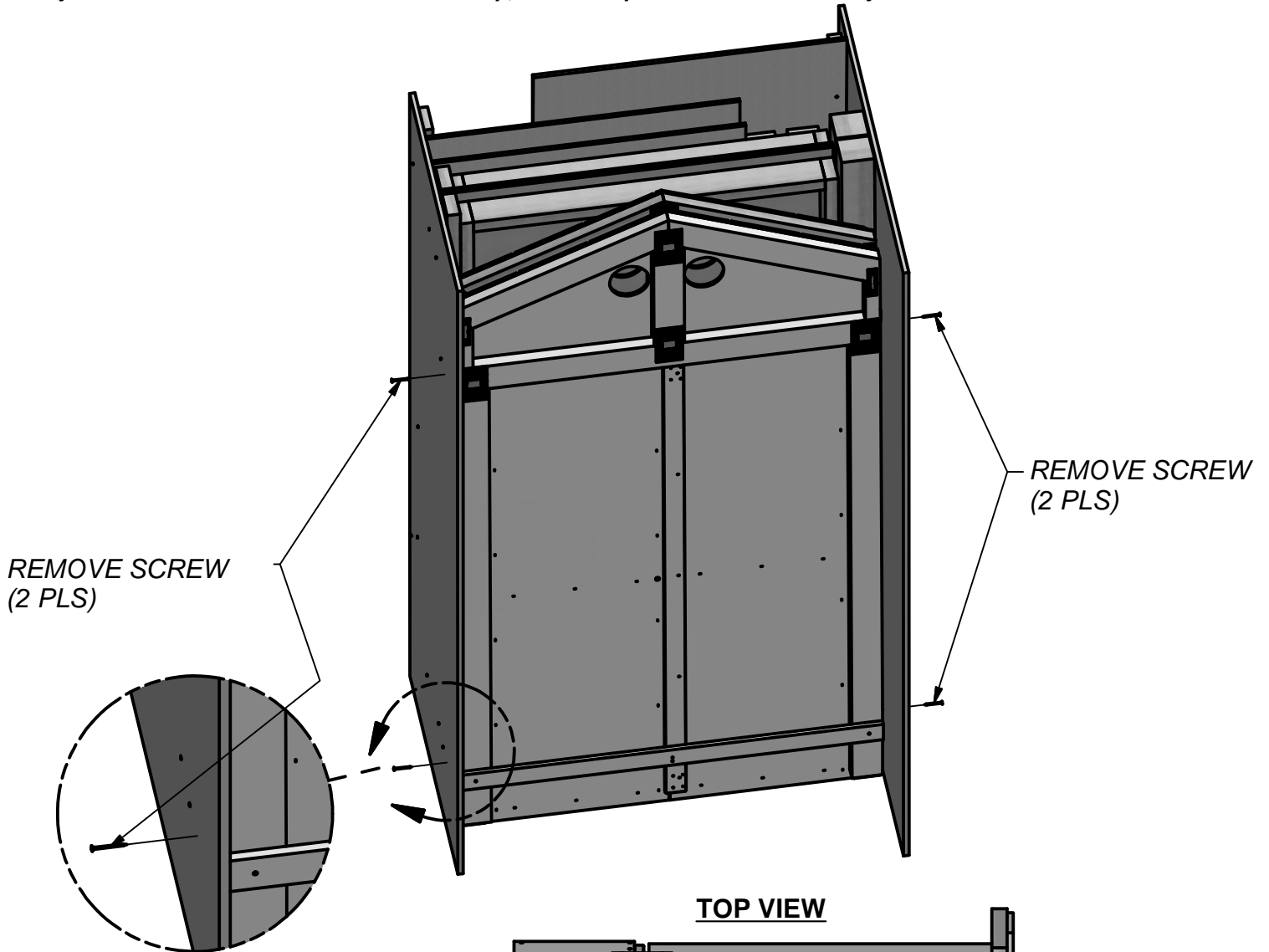


## PARTS BEING REMOVED

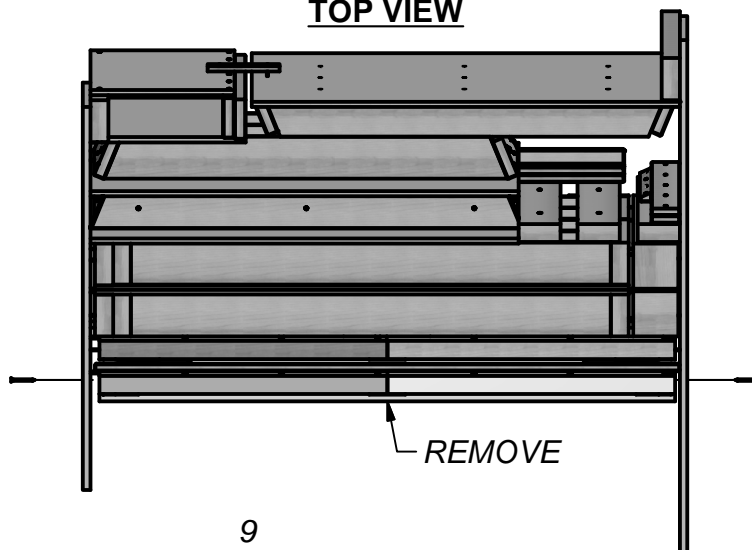


(1) WP3 - FRONT CENTER WALL PANEL - W2A02120

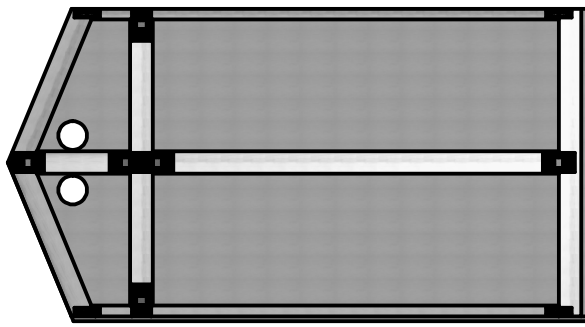
•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.



## TOP VIEW



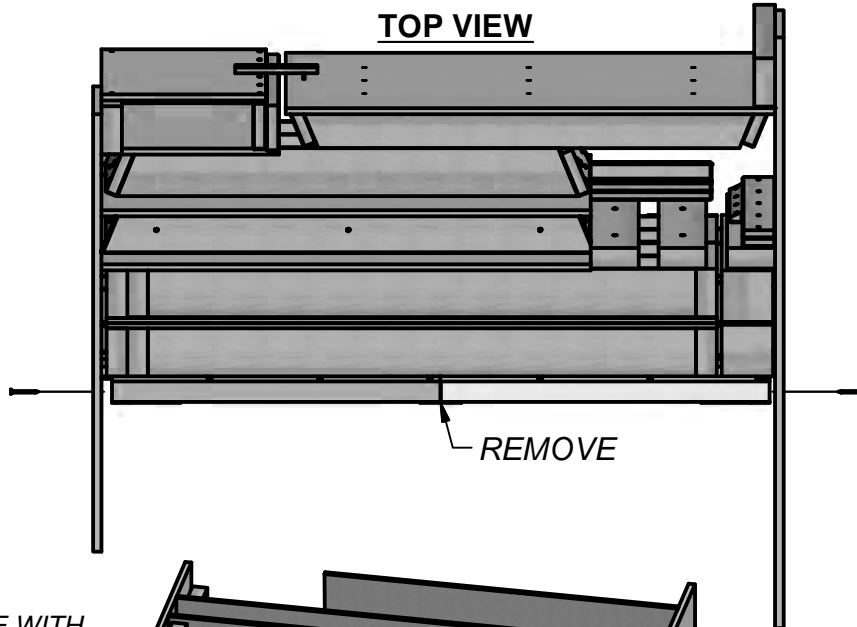
## PARTS BEING REMOVED



(1) WP2 - REAR CENTER WALL PANEL - W2A02119

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

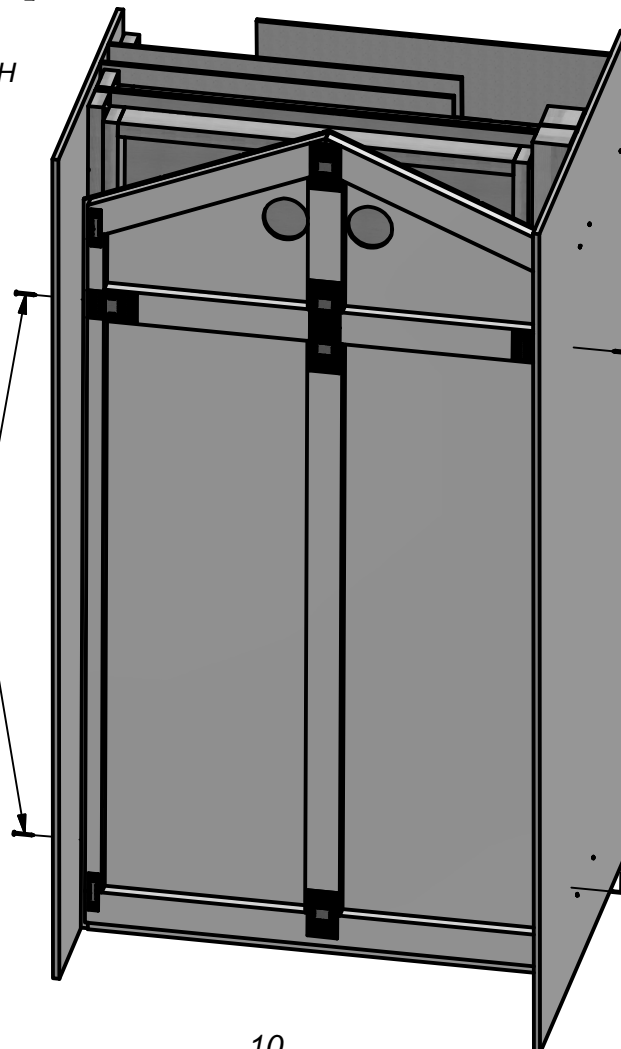
### TOP VIEW



### CAUTION

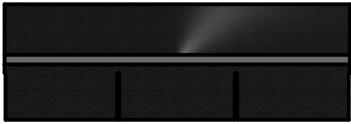
LOOSE PARTS BEHIND, MOVE WITH CAUTION.

REMOVE SCREW  
(2 PLS)

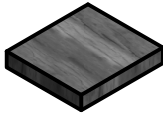


REMOVE SCREW  
(2 PLS)

## PARTS BEING REMOVED



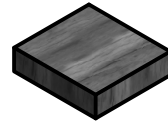
SHINGLES



(2) - LEVELING BLOCK - W4L07757  
1"x5 1/2"x6"



(1) - 4" CONCRETE BLOCK - CB000001



(2) - LEVELING BLOCK - W4L07756  
1 1/2"x5 1/2"x6"



(2) - 2" CONCRETE BLOCK - CB000002

---

•Only remove item's shown in the current step, do not skip forward or take out any additional parts until instructed to.

### STOP

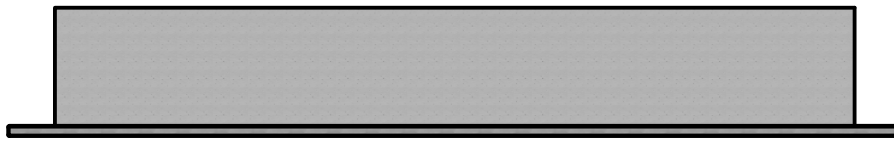
ONLY REMOVE LOOSE PARTS AND  
MOVE TO NEXT STEP.

REMOVE SHINGLES  
AND LEVELING  
MATERIALS





## PARTS BEING REMOVED



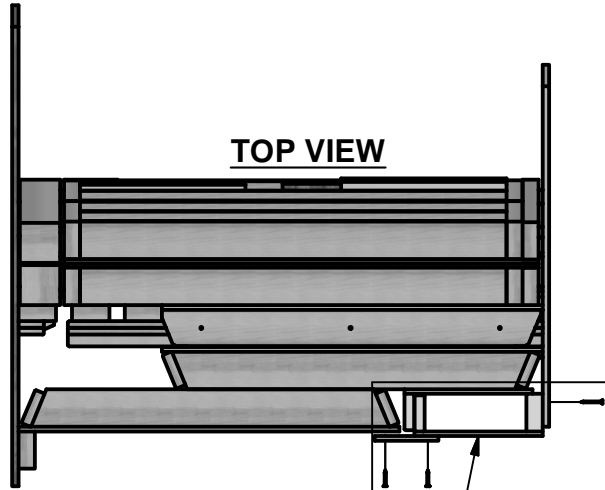
(2) LP1 - LOFT PANEL - W2A02124



(1) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

### TOP VIEW

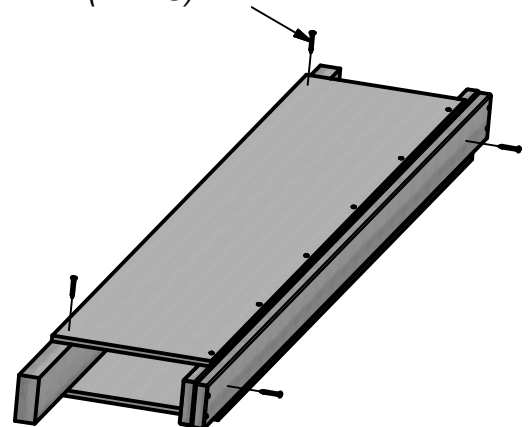


REMOVE

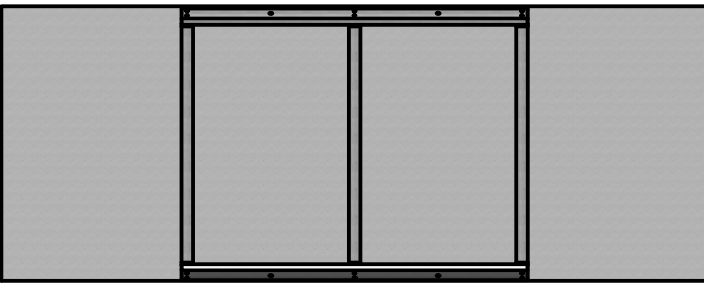
REMOVE SCREW  
(2 PLS)

REMOVE SCREW  
(4 PLS)

**NEXT:**  
REMOVE SCREW  
(4 PLS)



## PARTS BEING REMOVED

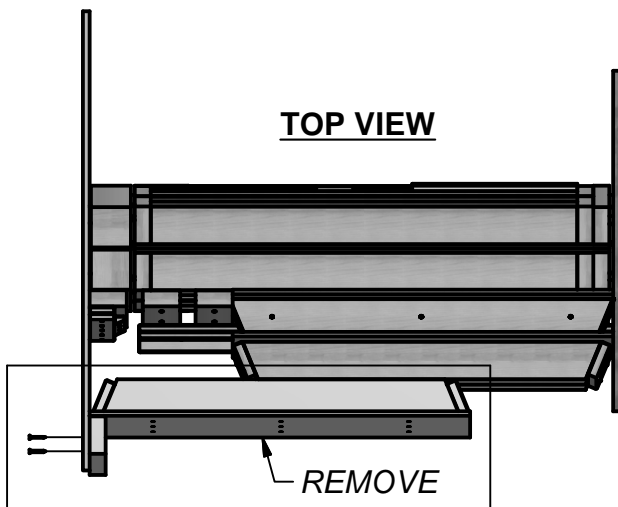


(1) RP1 - ROOF PANEL - W2A02123



(1) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

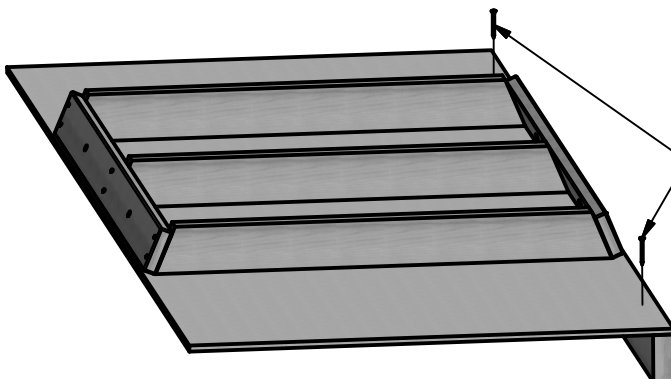
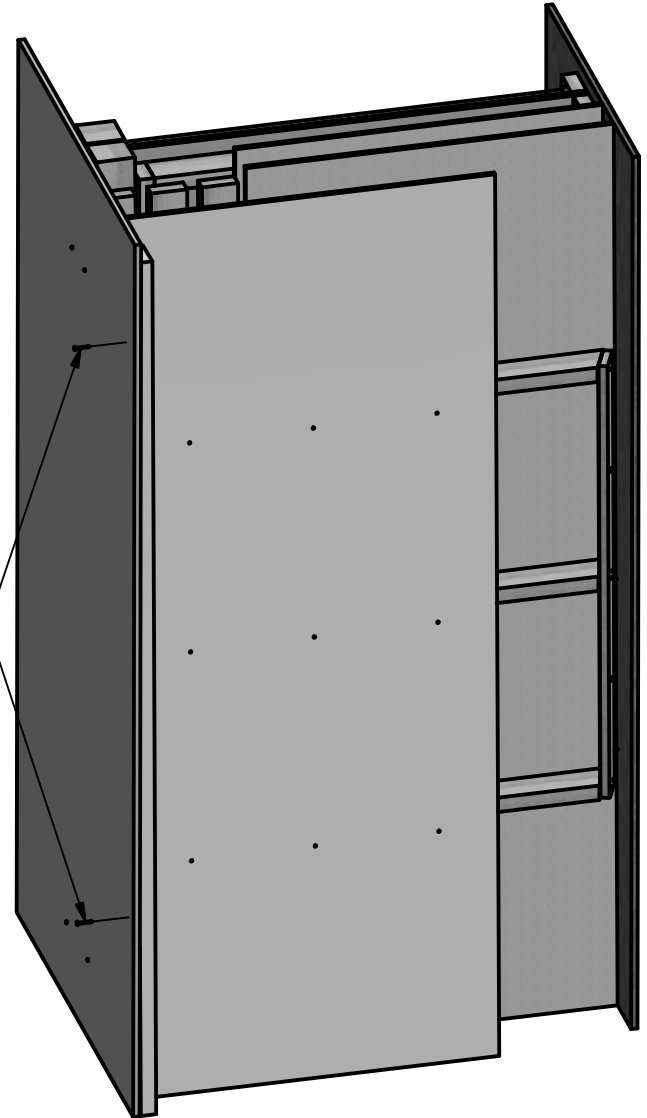


TOP VIEW

REMOVE SCREW  
(2 PLS)

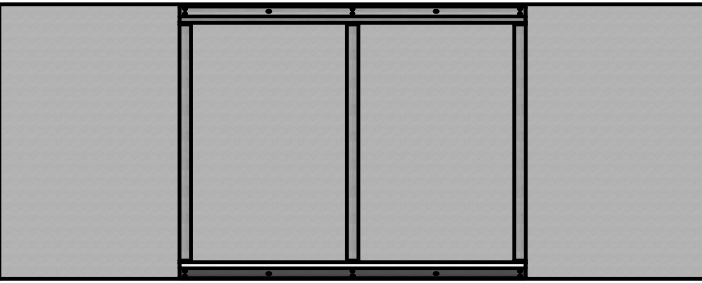
### CAUTION

LOOSE PARTS BEHIND, MOVE WITH  
CAUTION.



**NEXT:**  
REMOVE SCREW  
(2 PLS)

## PARTS BEING REMOVED



(1) RP1 - ROOF PANEL - W2A02123



(1) - DOOR DRIP BOARD - W4L07675  
3/4"x1"x46 3/4" (20x24x1187)



(2) - FASCIA BOARD - W4L07672  
5/8"x2 3/8"x87 1/4" (16x60x2216)

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

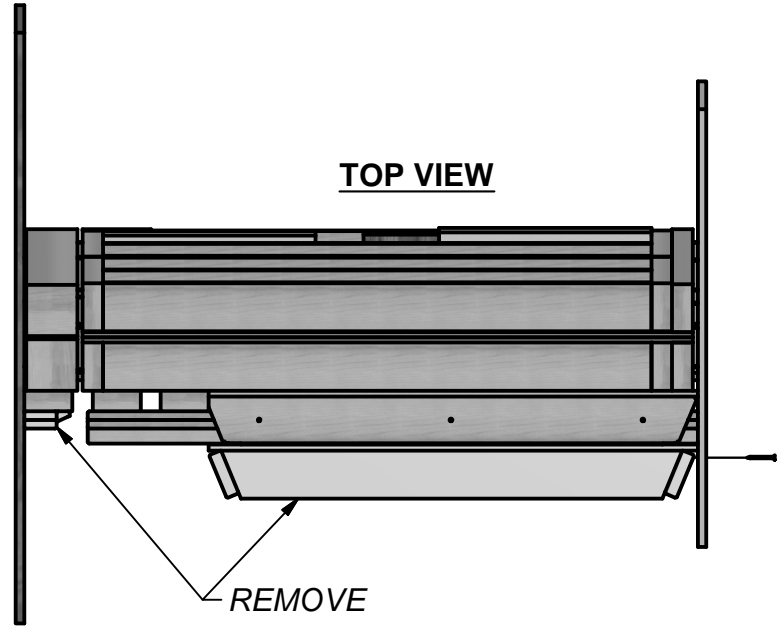
### CAUTION

LOOSE PARTS BEHIND, MOVE WITH CAUTION.



REMOVE

REMOVE SCREW  
(2 PLS)



### TOP VIEW

REMOVE

## **PARTS BEING REMOVED**



- (6) - 7/16" OSB GABLE BRACE - W4L07667  
7/16"x6 1/8"x11" TREATED



- (6) - SUPPORT BLOCK - W4L07669  
1 1/2"x3 1/2"x3 1/2"



- (4) - SUPPORT BOARD - W4L07668  
5/8"x3 3/8"x22 1/8" (16x86x562)



- (4) - FILLER BOARD - W4L07701  
1"x3 3/8"x21 3/8" (24x86x543)



- (4) - VERTICAL TRIM - W4L07674  
5/8"x3 3/8"x44 1/2" (16x86x1130)



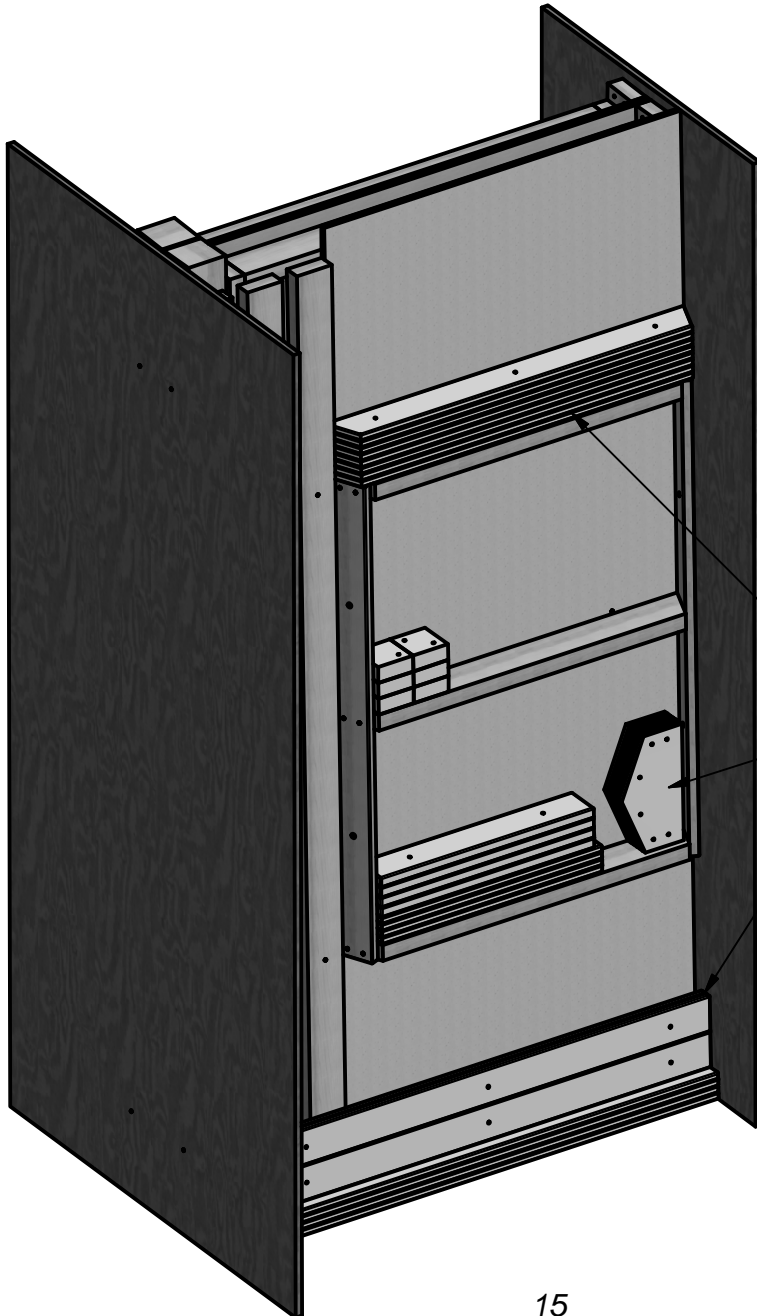
- (8) - ANGLED ROOF TRIM - W4L07666  
5/8"x3 3/8"x36" (16x86x914)



- (4) - SIDE VERTICAL TRIM - W4L07665  
5/8"x2 3/8"x44 1/2" (16x60x1130)

### **CAUTION**

LOOSE PARTS, MOVE WITH CAUTION.



REMOVE ALL LOOSE  
PARTS.

## **PARTS BEING REMOVED**



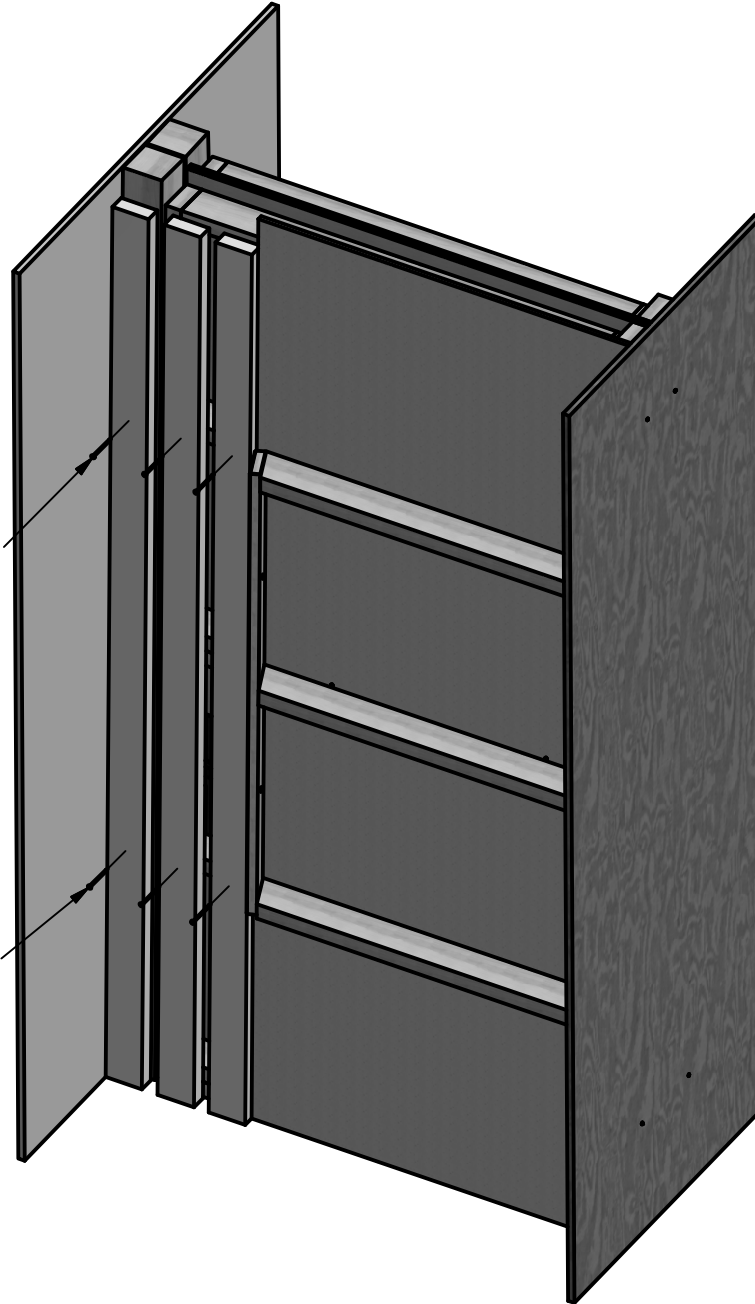
(3) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED

---

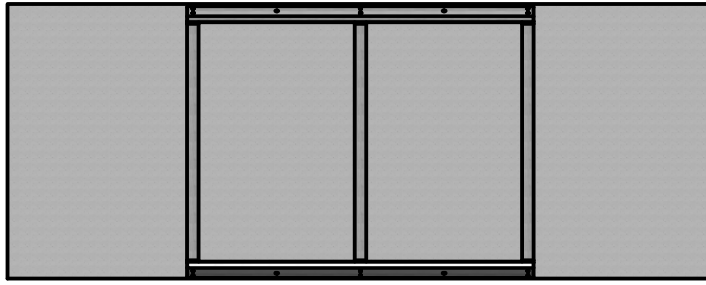
•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

REMOVE SCREW  
(3 PLS)

REMOVE SCREW  
(3 PLS)



## PARTS BEING REMOVED

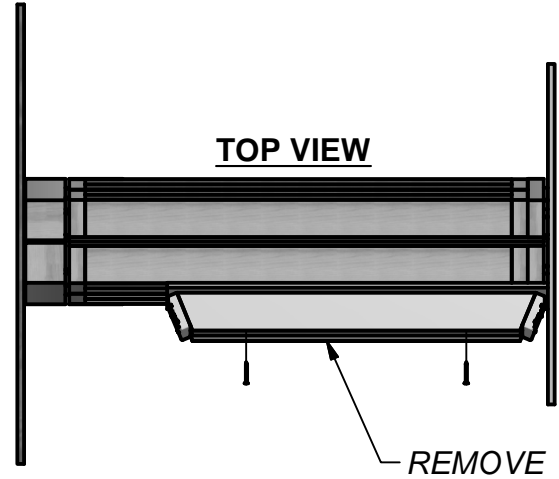
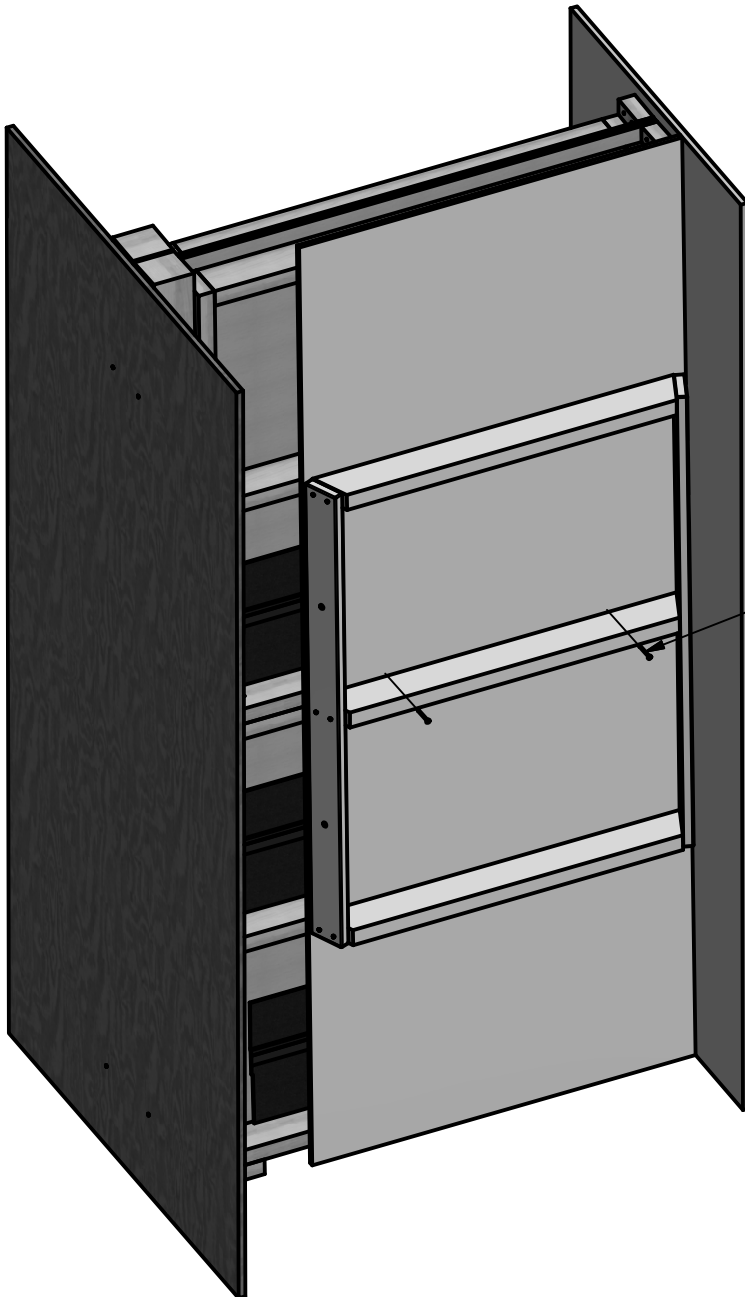


(1) RP1 - ROOF PANEL - W2A02123

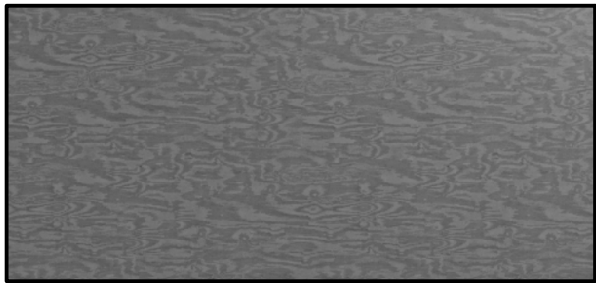
•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

### CAUTION

LOOSE PARTS BEHIND, MOVE WITH CAUTION.

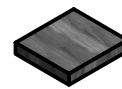


REMOVE SCREW  
(2 PLS)



(1) - 5/8" OSB FLOOR SHEATHING - W4L07664  
5/8"x43"x92"

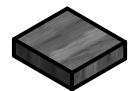
**PARTS BEING  
REMOVED**



(2) - LEVELING BLOCK - W4L07757  
1"x5 1/2"x6"



SHINGLES



(2) - LEVELING BLOCK - W4L07756  
1 1/2"x5 1/2"x6"



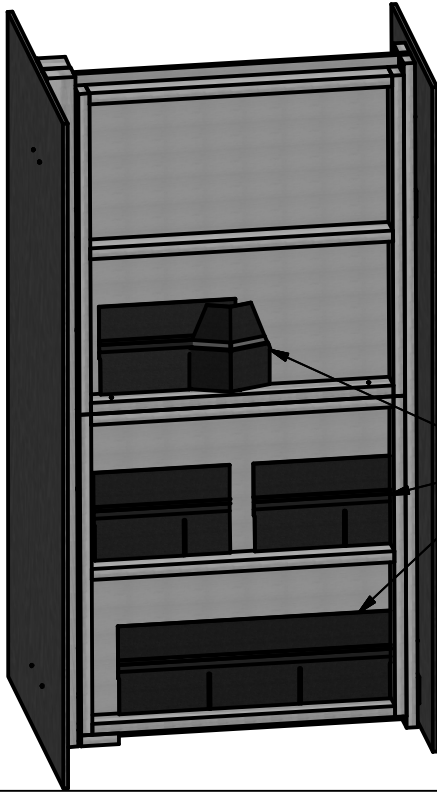
(1) - 4" CONCRETE BLOCK - CB000001



(2) - 2" CONCRETE BLOCK - CB000002

**CAUTION**

LOOSE PARTS, MOVE WITH CAUTION.



REMOVE  
SHINGLES.

•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.

**CAUTION**

REMOVING BOARD WILL  
REDUCE STABILTY.

**NEXT**

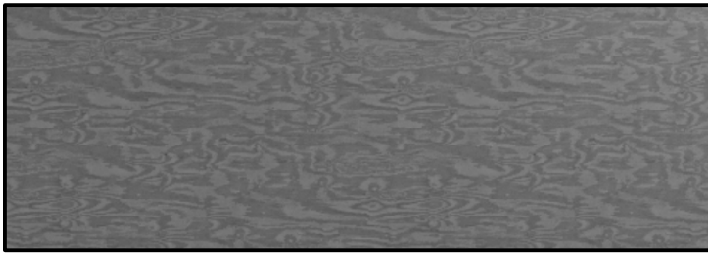
REMOVE LARGE SHEET.

REMOVE SCREW  
(2 PLS)

REMOVE SCREW  
(2 PLS)



## PARTS BEING REMOVED

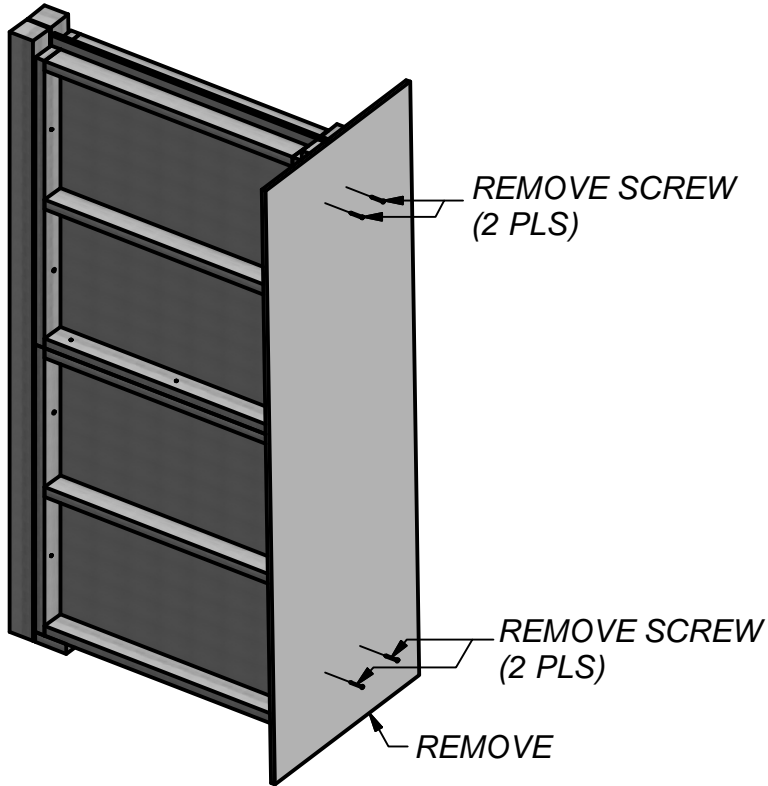


(1) - 5/8" OSB FLOOR SHEATHING - W4L07733  
5/8"x31 7/8"x92"

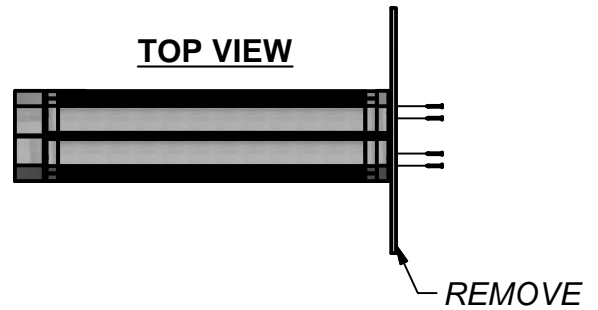


(2) - 4 x 4 RUNNER - W4L07670  
3 3/4"x3 3/4"x92" TREATED

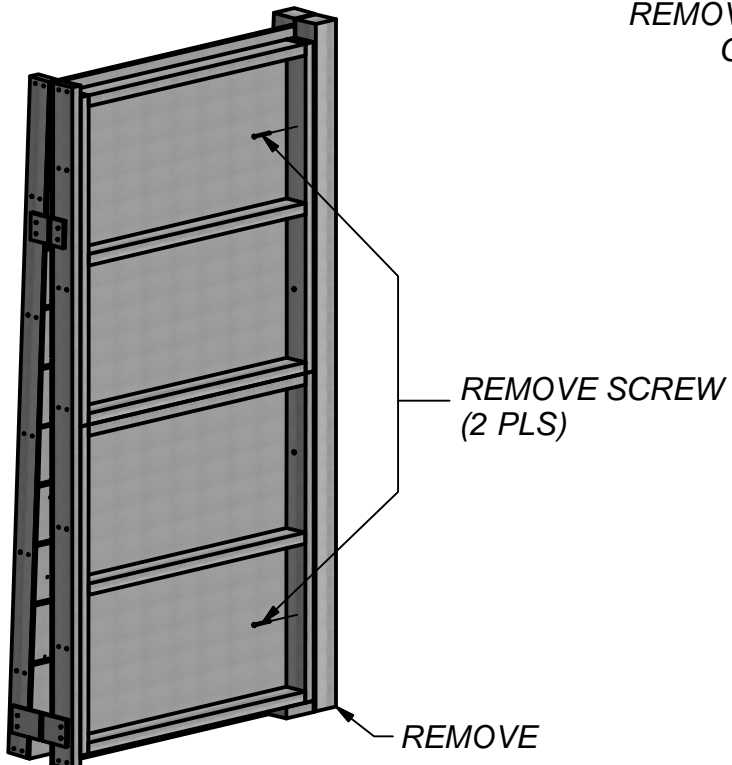
•Only remove screws shown in the current step, do not skip forward or take out any additional screws until instructed to.



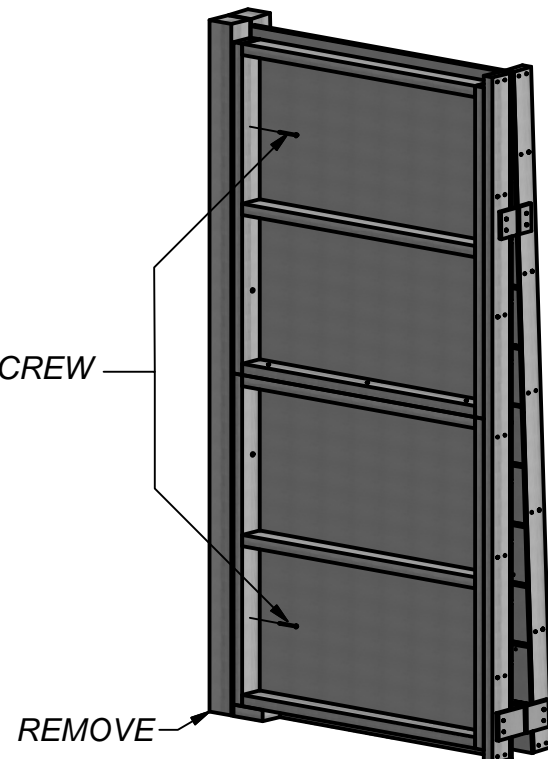
**CAUTION**  
REMOVING BOARD WILL  
REDUCE STABILITY.



**CAUTION**  
REMOVE PARTS WITH  
CAUTION.



REMOVE SCREW  
(2 PLS)

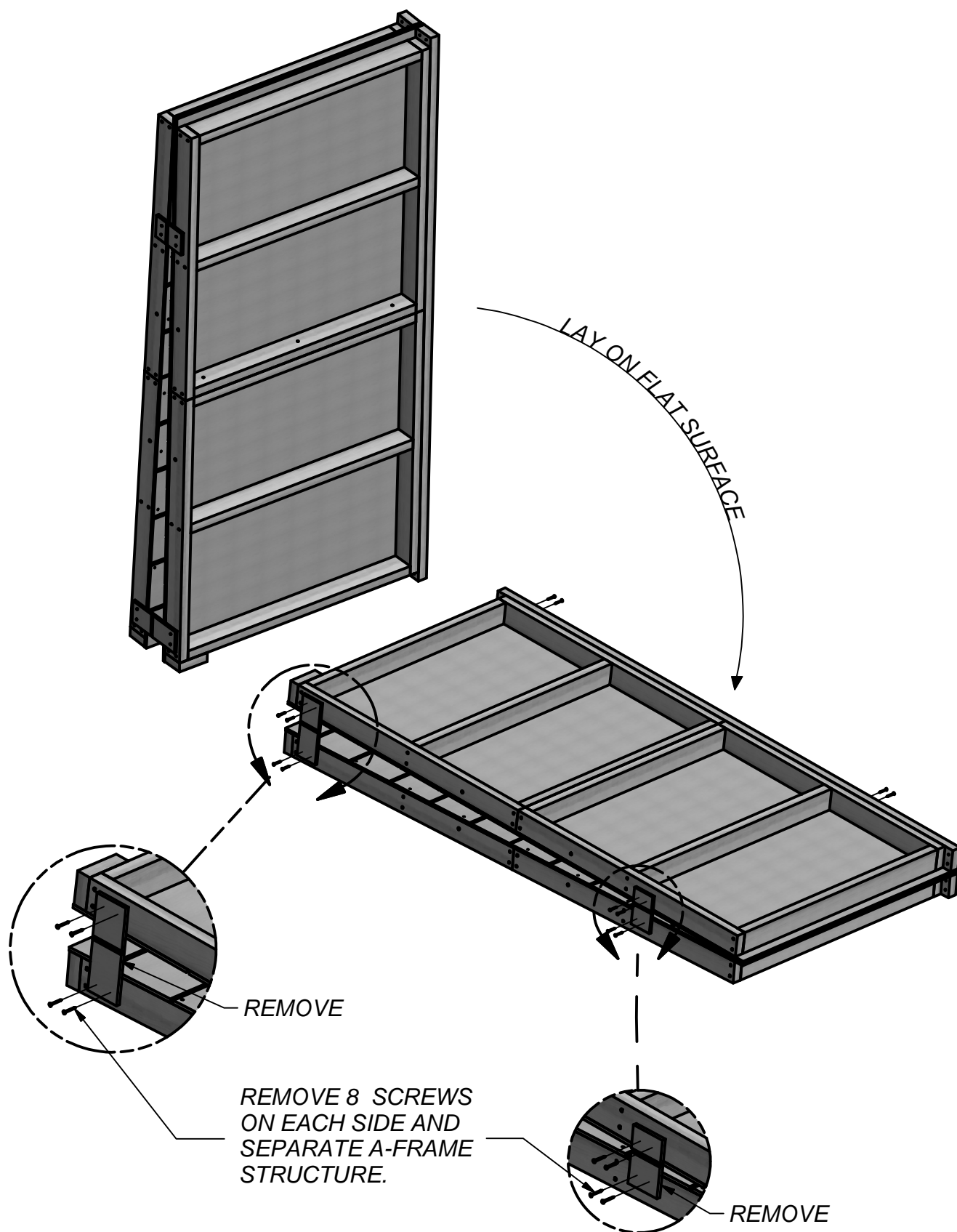




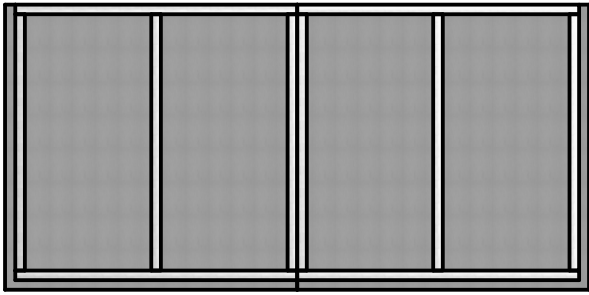
•Only remove screws shown in the current step, do not skip foward or take out any additional screws until instructed to.

**STOP**

LAY DOWN REMAINING PARTS  
BEFORE MOVING FOWARD.



**PARTS BEING  
REMOVED**



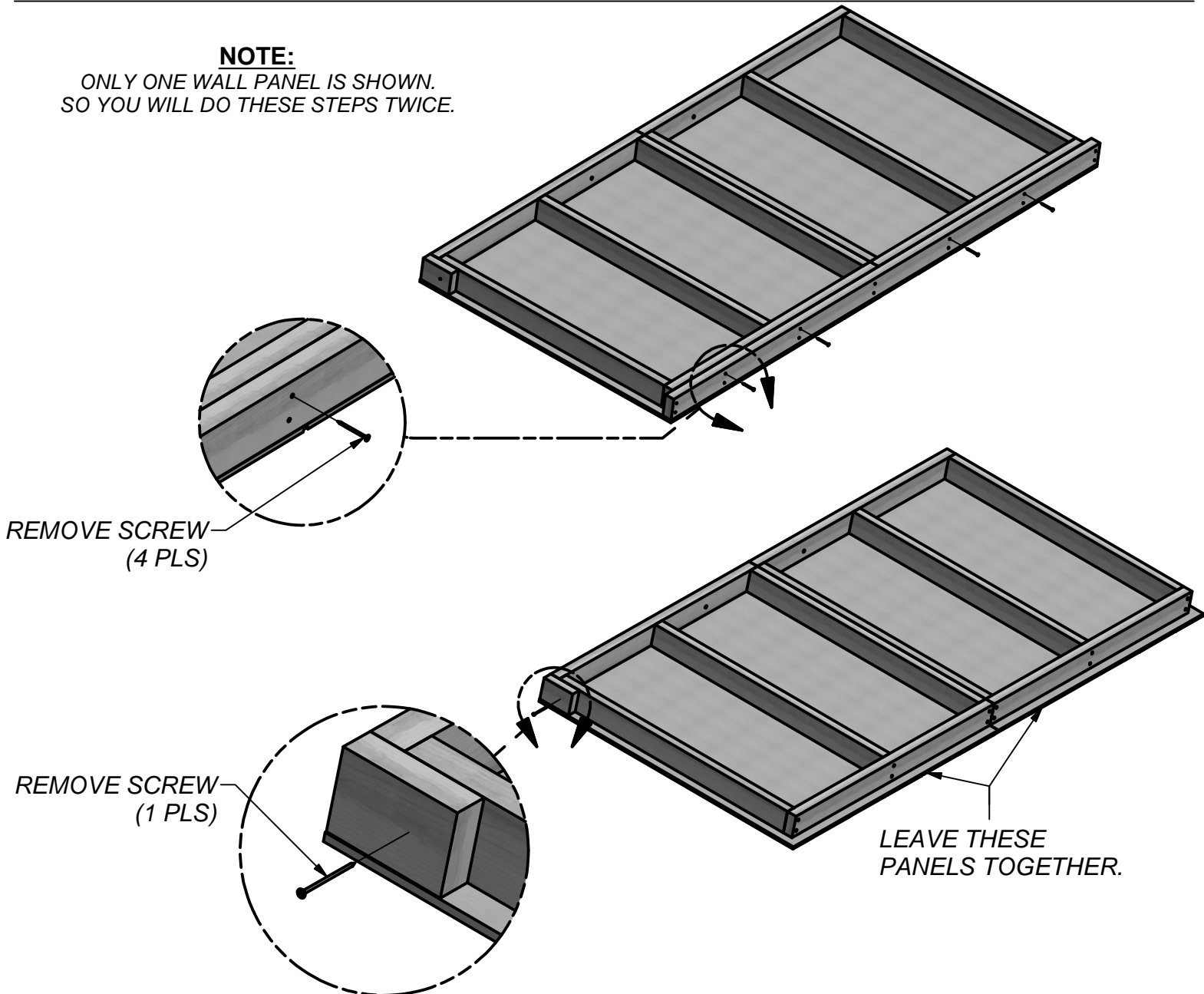
(2) WP1 - SIDE WALL PANEL - W2A02156



(2) - RIM JOIST - W4L07661  
1 1/2"x3 1/2"x91 1/4" TREATED

**NOTE:**

ONLY ONE WALL PANEL IS SHOWN.  
SO YOU WILL DO THESE STEPS TWICE.

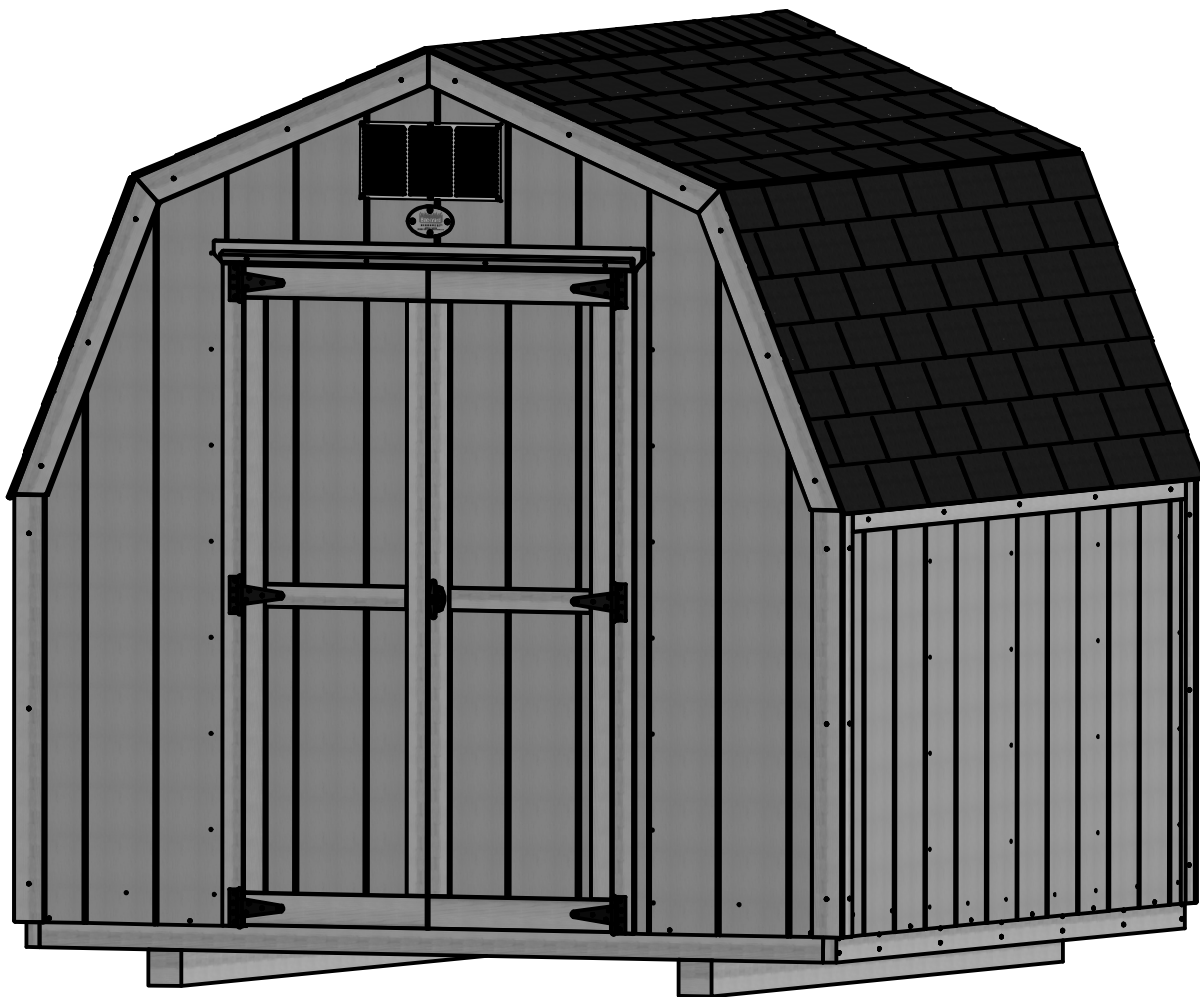


•NOW THAT THE CRATE IS FULLY DISSASSEMBLED IT'S TIME TO START WITH THE ASSEMBLY.  
YOU CAN NOW FIND THE ASSEMBLY INSTRUCTION MANUAL AND GET STARTED.



# *READY SHED* **8x8 BARN SHED**

**MODEL: # 817220010**



***READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING CONSTRUCTION.***

*Manufacturer:      Backyard Discovery  
3305 Airport Drive  
Pittsburg, KS 66762  
1-800-856-4445*

*Save this assembly manual for future reference in the event that  
you need to order replacement parts.*



**DO NOT RETURN THIS PRODUCT TO STORE!**

If you have questions or concerns,  
please call 800-856-4445

or

email [customerserv@backyarddiscovery.com](mailto:customerserv@backyarddiscovery.com)

**IMPORTANT!**

**READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING CONSTRUCTION.**

**BEFORE YOU BEGIN**

- **BUILDING RESTRICTIONS AND APPROVALS**

Be sure to check with local building department and homeowners association for specific restrictions and/or requirements before building.

- **ENGINEERED DRAWINGS**

Contact our Customer Service Department if engineered drawings are needed to pull local permits.

- **SURFACE PREPARATION**

To ensure proper assembly you must build your shed on a level firm surface.

- **CHECK ALL PARTS**

Inventory all parts listed on the Parts Identification page of this manual before beginning construction.  
Contact our Customer Service Department if any parts are missing.

- **ADDITIONAL MATERIALS**

Additional materials needed, and not supplied, to complete your shed are listed on the Parts Identification page of this manual.

**KEEP THIS MANUAL FOR FUTURE REFERENCE**

# Caring For Your Structure

## Wood Structures (Smart Panel)

- To prevent leaking and premature aging of your shed, we recommend wood structures be thoroughly prepared before treatment. All joints between wall siding boards, window trim, door trim, corner boards, soffits, fascias, rake trim, vents, and naturally occurring hairline cracks in knots must be properly sealed with high quality caulking prior to treatment. We strongly recommend nail holes in all material types be filled prior to treatment. In order to deter knots from bleeding through your finish, pre-treat knots with a suitable product.

## **PAINT** **-NOT INCLUDED-**

**When painting your shed, there are a few key areas that can easily be overlooked that must be painted:**

**Bottom edge of all siding and trim**

**Inside of doors and all 4 edges.**

- Smart Siding is a pre-primed material, see manufacturers recommended finishing:

### **MANUFACTURER'S FINISHING INSTRUCTIONS**

#### **DO**

- Apply finish coat as soon as possible or within 30 days of application.
- High-quality acrylic latex paint, specially formulated for use on wood and engineered wood substrates, is highly recommended. Semi-gloss or satin finish oil or alkyd paints are acceptable.

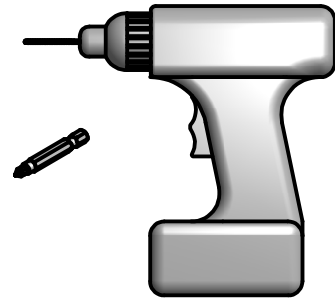
#### **DO NOT USE**

- Semi-transparent and transparent stains.
- Shake and shingle paints.
- Vinyl-based resin formulas such as vinyl acetate, PVA, vinyl acetate/ acrylic copolymer paints.

# ASSEMBLY TOOLS REQUIRED



• Hammer



• Drill with 3/8" Bit & Phillips Head Driver

## OTHER TOOLS WE SUGGEST



• 6' Ladder



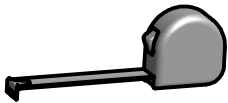
• 4' Level



• Square



• 1/8" Allen Wrench



• Tape Measure



• Pencil



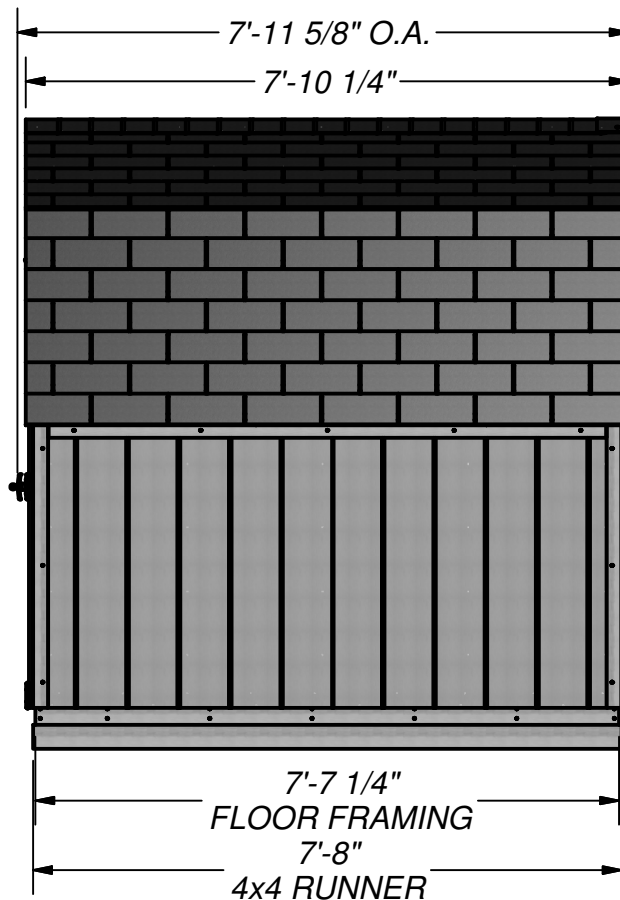
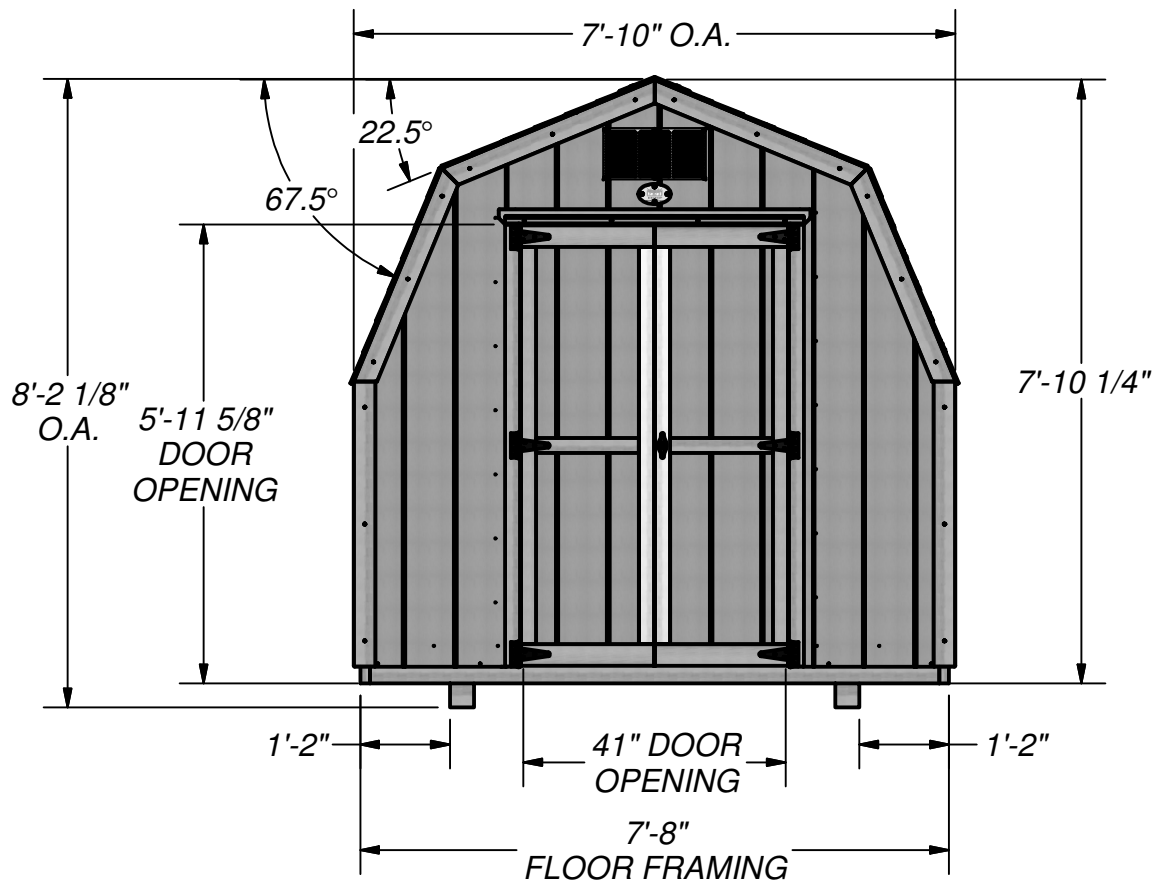
• Gloves



• Safety Glasses

# **Basic Setup Dimensions**

Place the shed on level ground, not less than 3 ft [1 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.



# Parts Identification

## Wood Components

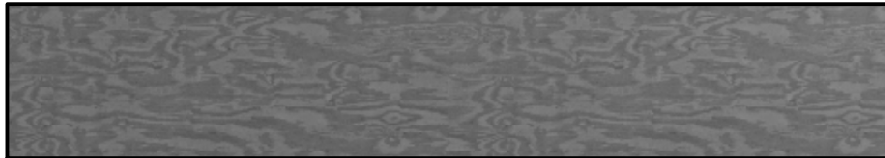
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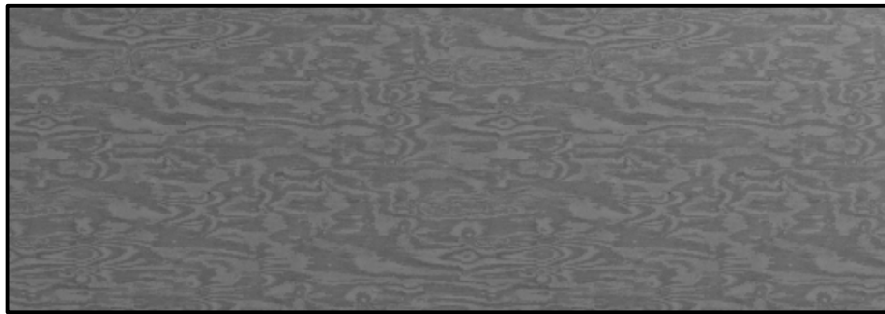
- (2) - RIM JOIST - W4L07661  
1 1/2"x3 1/2"x91 1/4" TREATED



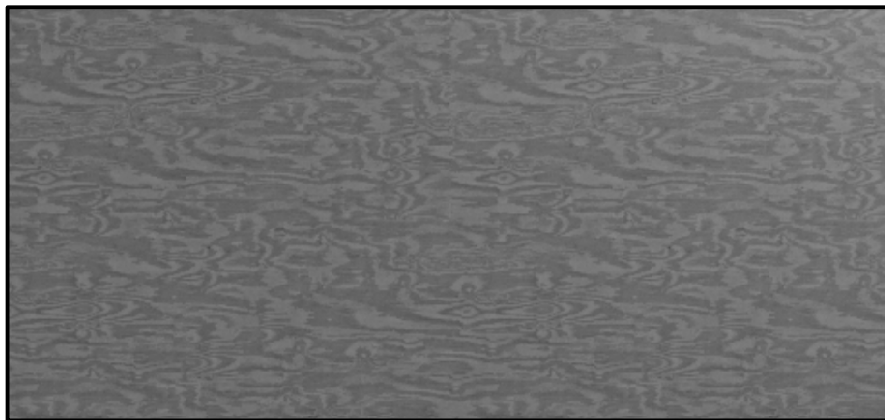
- (7) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED



- (1) - 5/8" OSB FLOOR SHEATHING - W4L07734  
5/8"x16"x92"



- (1) - 5/8" OSB FLOOR SHEATHING - W4L07733  
5/8"x31 7/8"x92"



- (1) - 5/8" OSB FLOOR SHEATHING - W4L07664  
5/8"x43"x92"



- (4) - SIDE VERTICAL TRIM - W4L07665  
5/8"x2 3/8"x44 1/2" (16x60x1130)



- (8) - ANGLED ROOF TRIM - W4L07666  
5/8"x3 3/8"x36" (16x86x914)



# Parts Identification

## Wood Components

(NOT TO SCALE)



- (6) - 7/16" OSB GABLE BRACE - W4L07667  
7/16"x6 1/8"x11" TREATED



- (4) - SUPPORT BOARD - W4L07668  
5/8"x3 3/8"x22 1/8" (16x86x562)



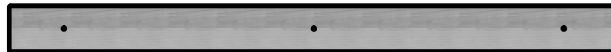
- (6) - SUPPORT BLOCK - W4L07669  
1 1/2"x3 1/2"x3 1/2"



- (2) - 4 x 4 RUNNER - W4L07670  
3 3/4"x3 3/4"x92" TREATED



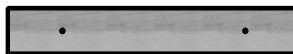
- (2) - FASCIA BOARD - W4L07672  
5/8"x2 3/8"x87 1/4" (16x60x2216)



- (4) - VERTICAL TRIM - W4L07674  
5/8"x3 3/8"x44 1/2" (16x86x1130)



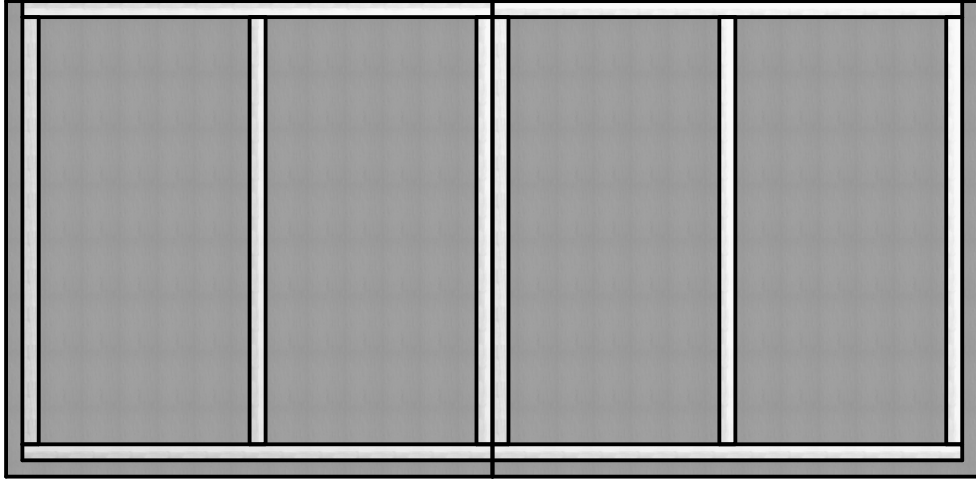
- (1) - DOOR DRIP BOARD - W4L07675  
3/4"x1"x46 3/4" (20x24x1187)



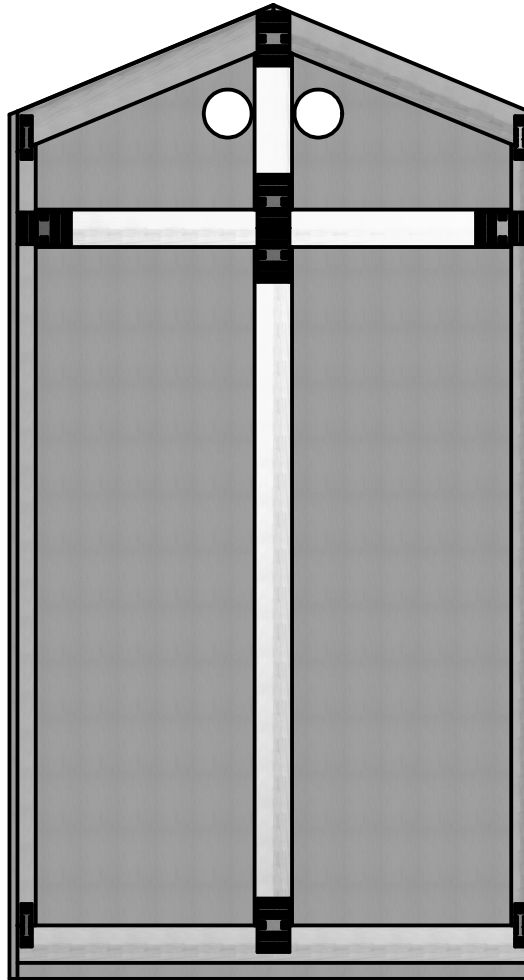
- (4) - FILLER BOARD - W4L07701  
1"x3 3/8"x21 3/8" (24x86x543)

# **Parts Identification**

## *Wall Panels*



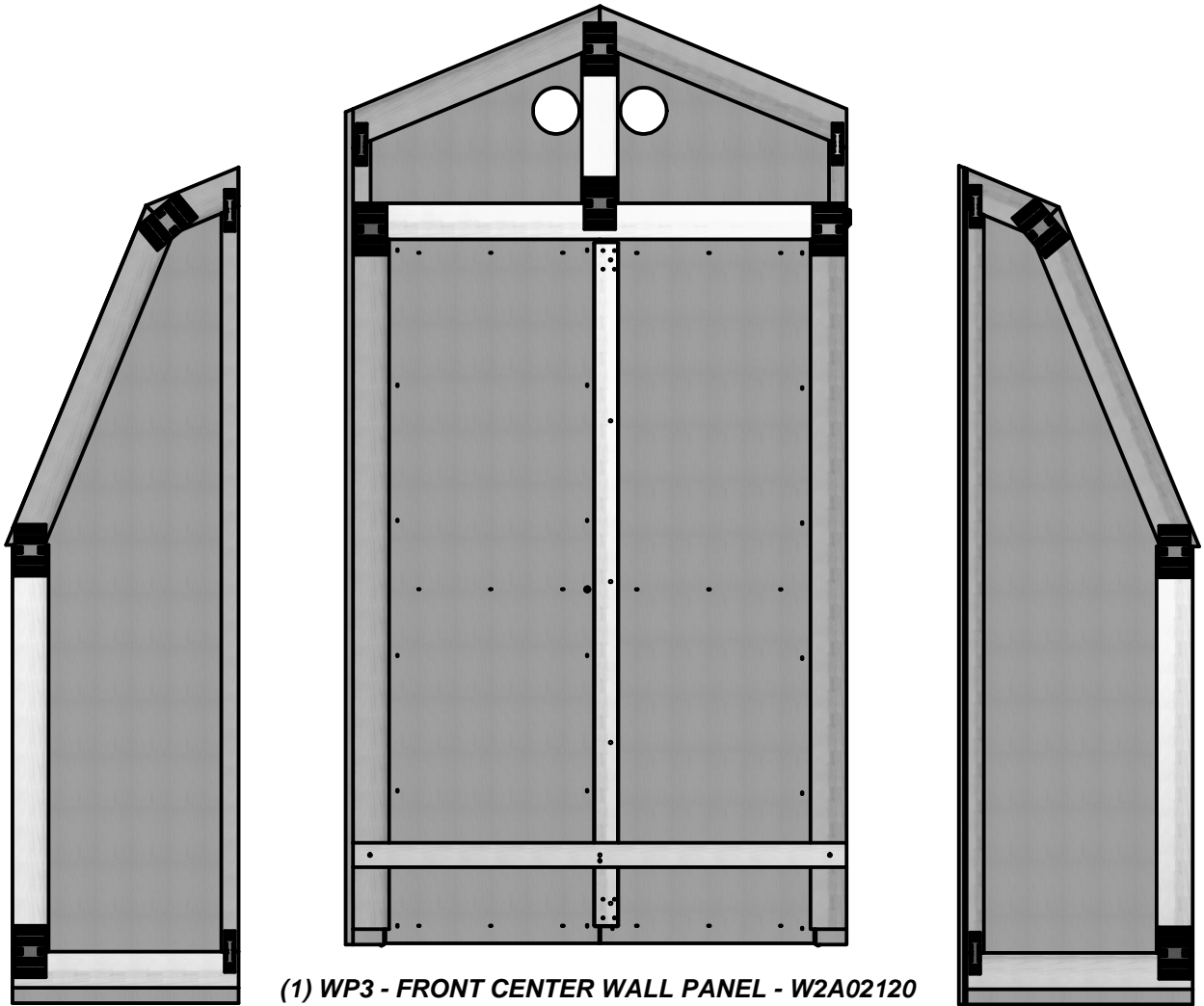
**(2) WP1 - SIDE WALL PANEL - W2A02156**



**(1) WP2 - REAR CENTER WALL PANEL - W2A02119**

# Parts Identification

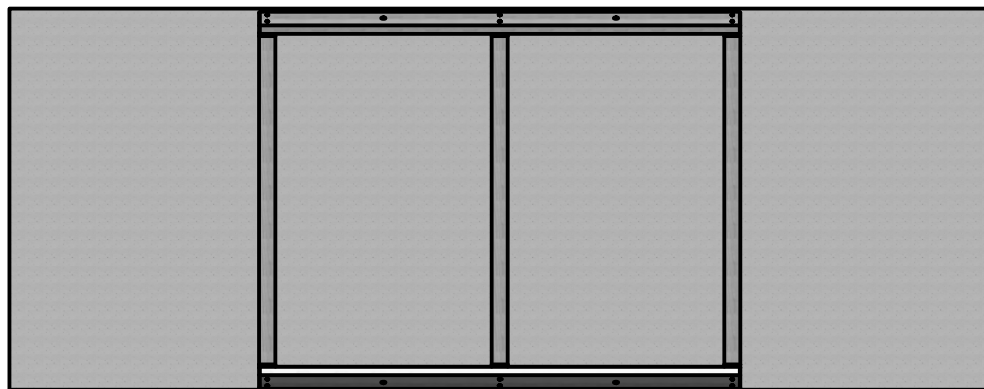
## Wall Panels



(1) WP3 - FRONT CENTER WALL PANEL - W2A02120

(2) WP5 - UNIVERSAL RIGHT  
WALL PANEL - W2A02122

(2) WP4 - UNIVERSAL LEFT  
WALL PANEL - W2A02121



(4) RP1 - ROOF PANEL - W2A02123

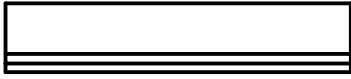


(2) LP1 - LOFT PANEL - W2A02124

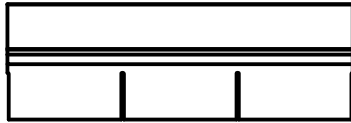
# Parts Identification

## *Shingle Components*

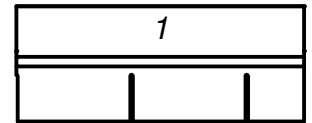
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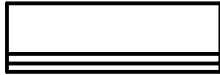
(4) *FULL - STARTER SHINGLE 7.125 x 36*



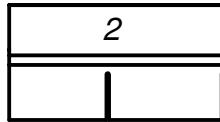
(42) *FULL - ASPHALT SHINGLE 12 x 36*



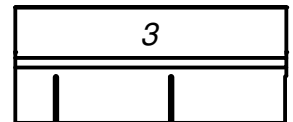
(12) *1 - ASPHALT SHINGLE 12 x 30*



(2) *- STARTER SHINGLE 7.125 x 22.25*



(14) *2 - ASPHALT SHINGLE 12 x 22.25*



(12) *3 - ASPHALT SHINGLE 12 x 28.25*



(17) *- RIDGE CAP 12 x 11.875*



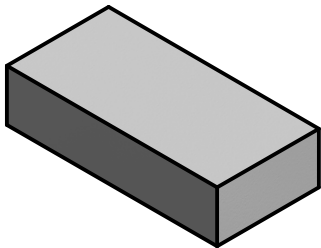
(1) *- RIDGE CAP 9.25*



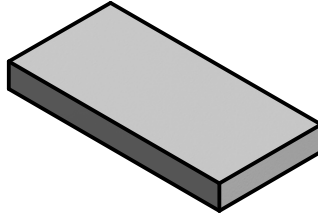
(1) *- SHINGLE CAP 5 x 11.625*

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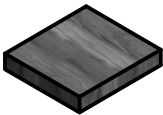
## LEVELING MATERIALS:



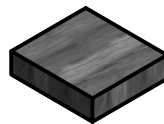
(1) *- 4" CONCRETE BLOCK - CB000001*



(2) *- 2" CONCRETE BLOCK - CB000002*



(2) *- LEVELING BLOCK - W4L07757  
1"x5 1/2"x6"*



(2) *- LEVELING BLOCK - W4L07756  
1 1/2"x5 1/2"x6"*



(4) *- LEVELING SHINGLE 12 x 7.5 - A6P0027-L  
12 x 7.5*

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## MATERIALS: *Supplied by Owner*



*ROOF COATING*



*CAULK*



*PAINT*

# Parts Identification

## Hardware



(17) BN - SCREW PFH 8x1 - H100085



(26) BQ - SCREW PFH 8x1 1/4 - H100087



(102) BP - SCREW PFH 8x1 1/2 - H100086



(52) BS - SCREW PFH 8x1 3/4 - H100089



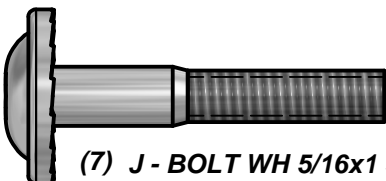
(13) BV - SCREW PFH 8x2 1/4 - H100091



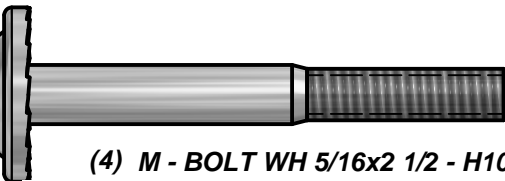
(107) - SCREW T-25 9x2 - H100579



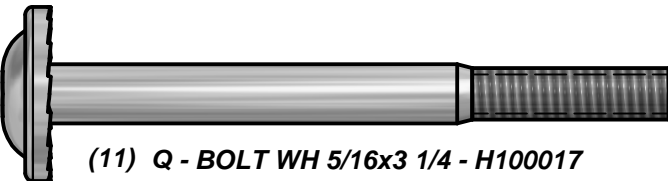
(60) - SCREW T-25 9x3 - H100578



(7) J - BOLT WH 5/16x1 3/4 - H100011



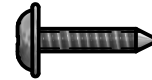
(4) M - BOLT WH 5/16x2 1/2 - H100014



(11) Q - BOLT WH 5/16x3 1/4 - H100017



(7) V - BOLT WH 5/16x5 - H100022



(17) CY - SCREW PWH 8x5/8 - H100128



(2) - 8x1 PFH SCREW BLK - WC - H100445



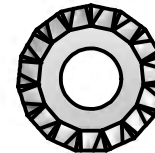
(9) VT - SCREW PFH 8x1-1/2 BLK - H100200



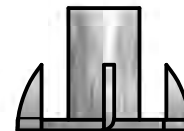
(4) - SCREW PFH 8x2 BLK - H100391



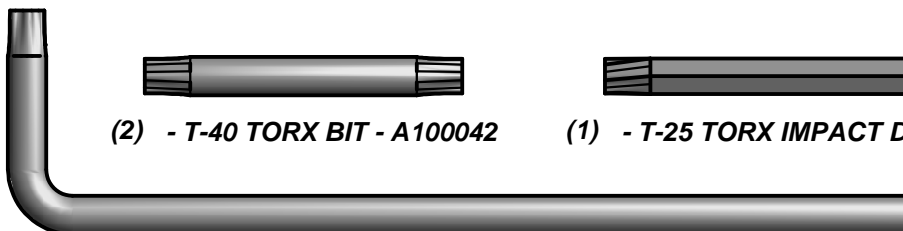
(370) - 7/8" ROOFING NAIL GALV. - H100446



(28) AC - WASHER LOCK EXT 8x19 - H100030



(28) BG - T-NUT 5/16 - H100074



(1) - T-40 TORX WRENCH - A100041



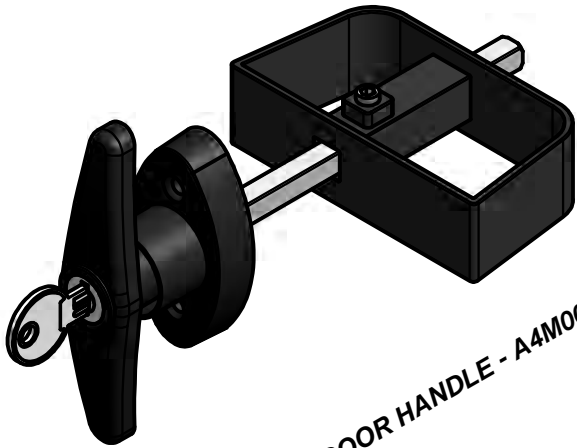
(2) - T-40 TORX BIT - A100042



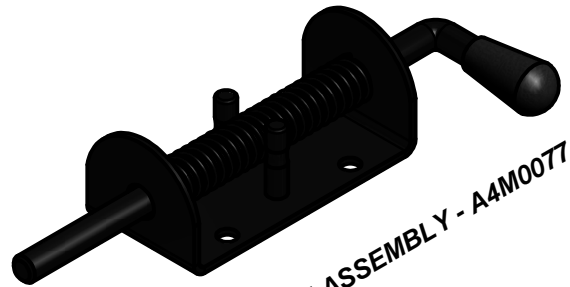
(1) - T-25 TORX IMPACT DRIVER - A100580

# Parts Identification

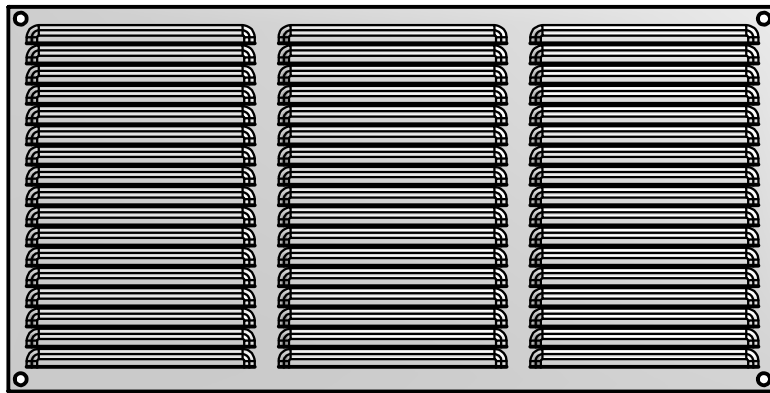
Accessories  
(NOT TO SCALE)



(1) - LOCKING DOOR HANDLE - A4M00603



(2) - SPRING LATCH ASSEMBLY - A4M00774



(2) - VENT (8x16) - A4M00771



(1) MX - BYD ID TAG (MEDIUM) WITHOUT AGES - A100240

# FLOOR FRAME



(2) - RIM JOIST - W4L07661  
1 1/2"x3 1/2"x91 1/4" TREATED



(7) - FLOOR JOIST - W4L07662  
1 1/2"x3 1/2"x89" TREATED

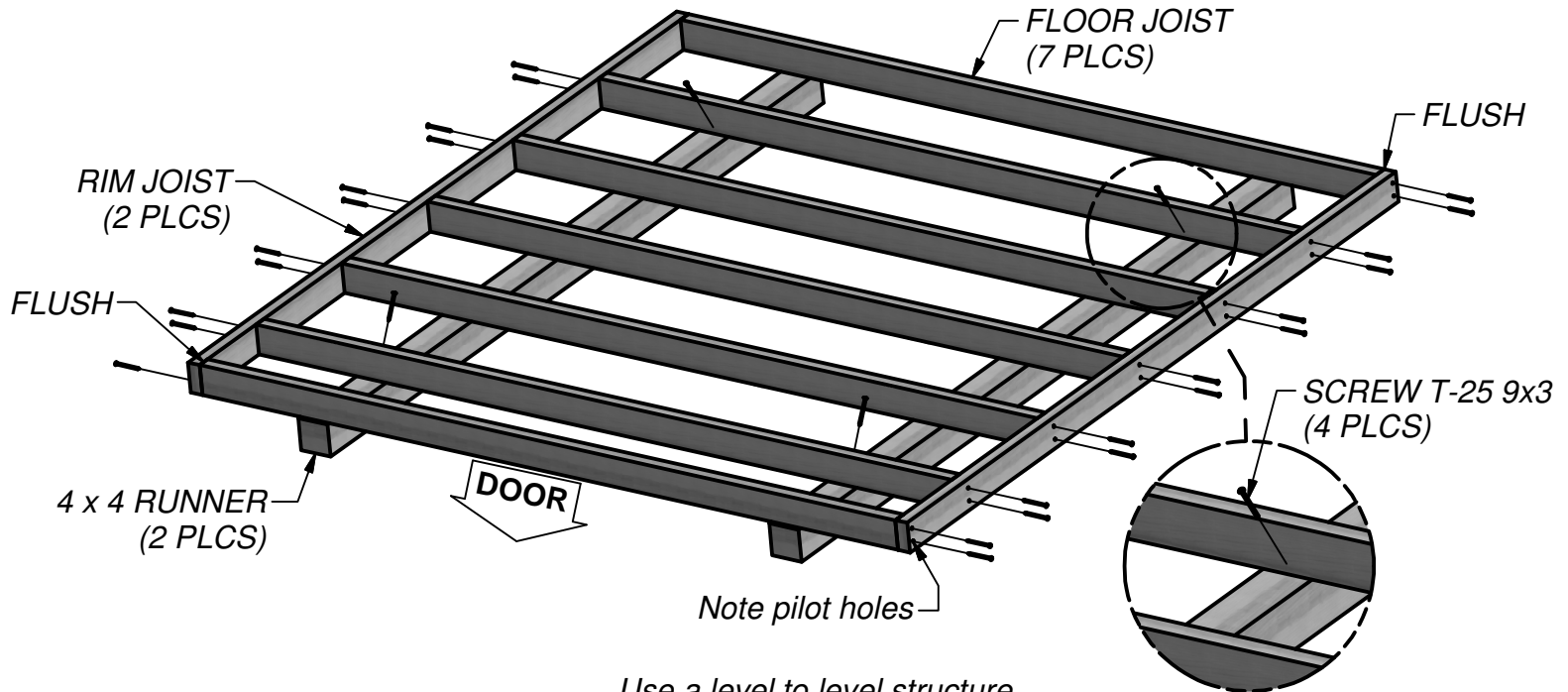


(32) - SCREW T-25 9x3 - H100578

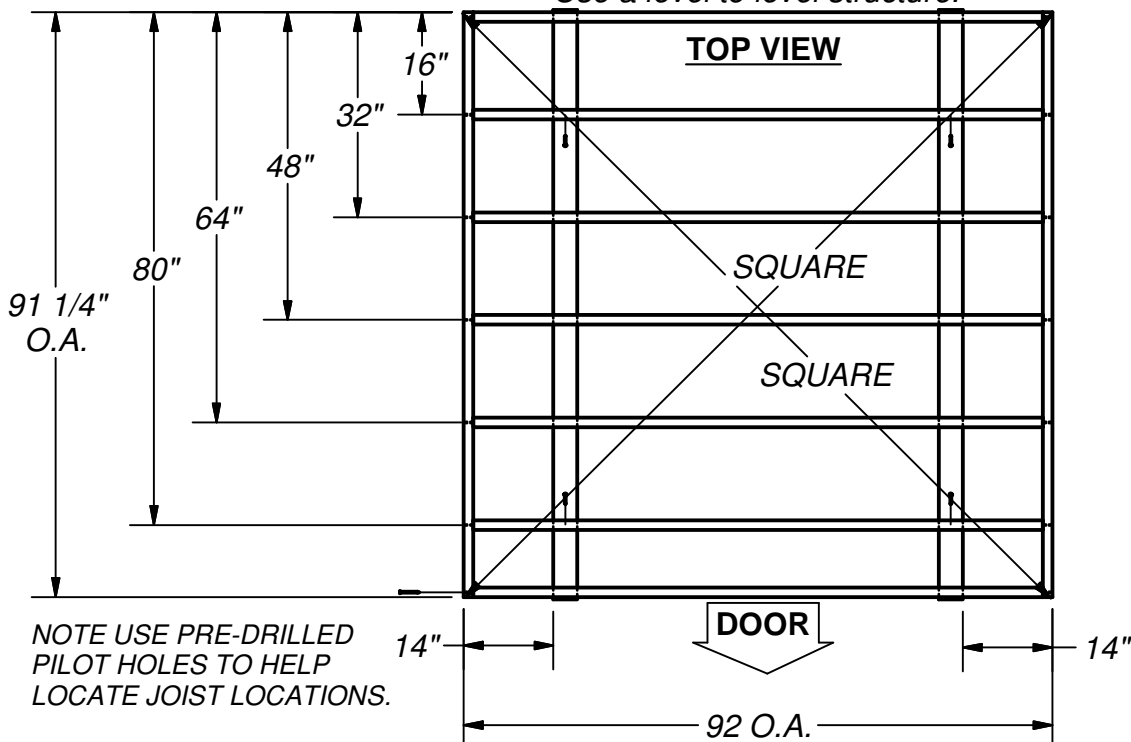


(2) - 4 x 4 RUNNER - W4L07670  
3 3/4"x3 3/4"x92" TREATED

• **IMPORTANT:** On a level surface, make sure the floor frame is square before moving on to next step. It is critical that the 4x4 Runners be touching solid ground everywhere during this step. Being level is not yet a priority as we will level the structure after we get the floor assembled.

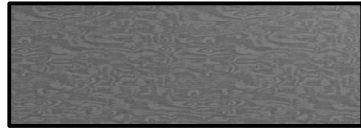


Use a level to level structure.



• We suggest you measure from outside corner to outside corner for squareness, as shown.

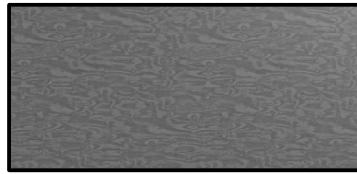
# FLOOR SHEATHING



(1) - 5/8" OSB FLOOR SHEATHING - W4L07733  
5/8"x31 7/8"x92"



(1) - 5/8" OSB FLOOR SHEATHING - W4L07734  
5/8"x16"x92"



(1) - 5/8" OSB FLOOR SHEATHING - W4L07664  
5/8"x43"x92"



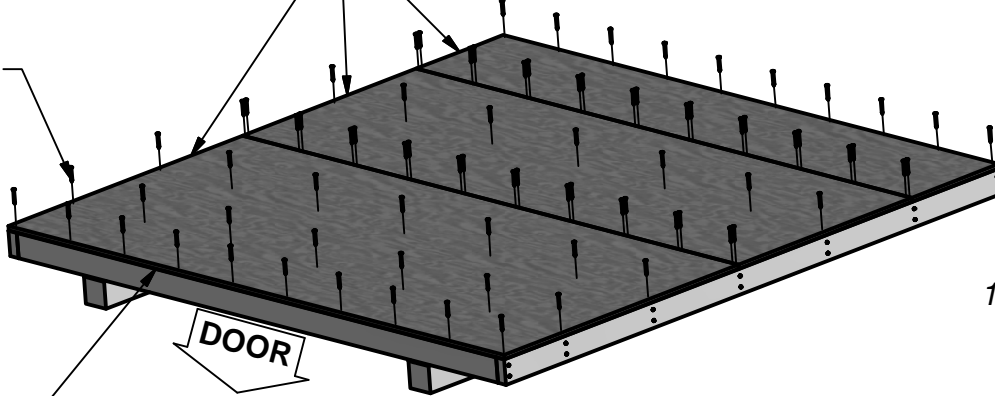
(81) - SCREW T-25 9x2 - H100579

- Bring sheathing to square before securing with 2" torx drive fasteners.

5/8" OSB FLOOR SHEATHING

PLACE OSB SHEATHING SMOOTH SIDE UP.

SCREW T-25 9x2  
(81 PLCS)



FLUSH

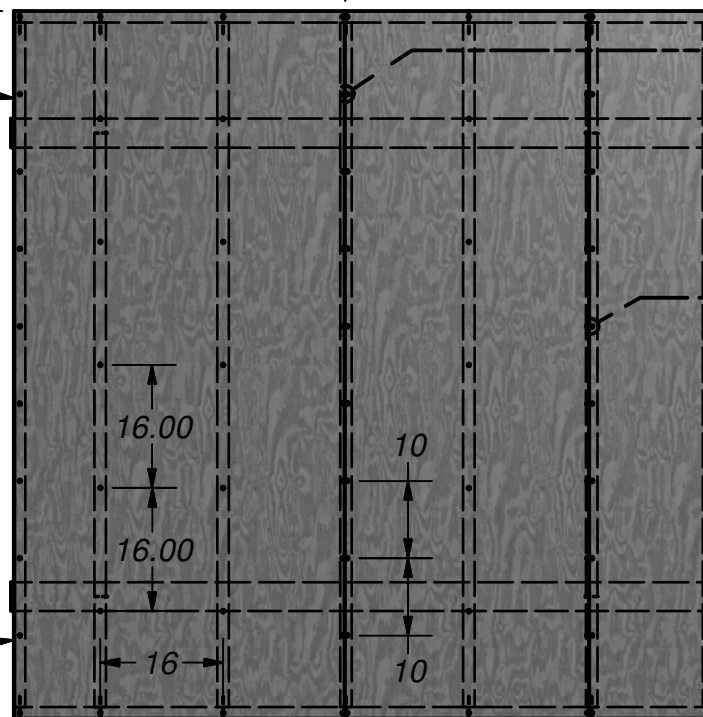
⚠ ALL SCREWS LAND IN JOISTS BELOW.

43 1/8 31 3/4 16

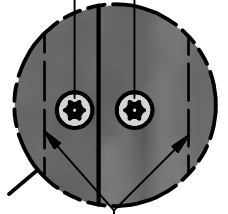
START AT THE  
FRONT OF THE  
SHED AND WORK  
TOWARDS THE  
REAR.

92"

DOOR

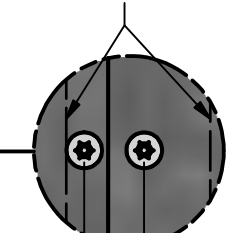


1/4 3/8



FLOOR JOIST

FLOOR JOIST



1/4 3/8

Note: Make sheathing  
flush to front leaving any  
gaps to be at the back of  
the shed.

Place screws at 10" apart on the front and back of all  
sheets.

Place screws at 16" apart on the center and sides of all  
sheets as shown always landing on the joists.



# FLOOR LEVELING OPTIONS

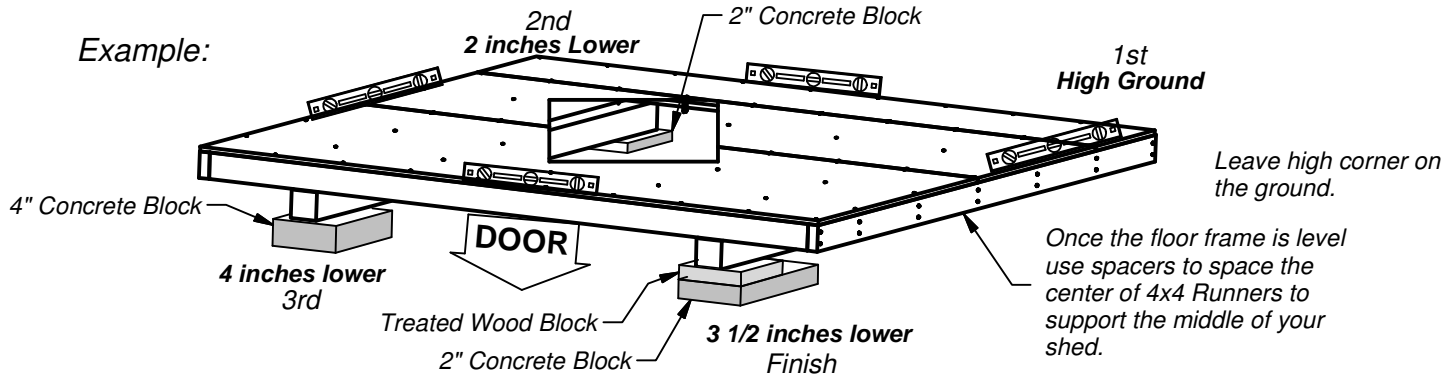
There are multiple ways to level your floor frame. Our recommended leveling method is shown below.

## INCLUDED LEVELING MATERIALS

- 2 pcs - 2x6x6 Treated Wood Block
- 2 pcs - 5/4x6x6 Treated Wood Block
- 1 pcs - 4x8x16 Concrete Block
- 2 pcs - 2x8x16 Concrete Block
- 2 pcs - Asphalt Shingles (Can be cut into 4" strips as needed for spacing)

• **Start by locating the most level ground in your preferred shed locations. This area must be a stable, solid, and dry location. Enough leveling materials have been included to level a shed up to 6" out of level.**

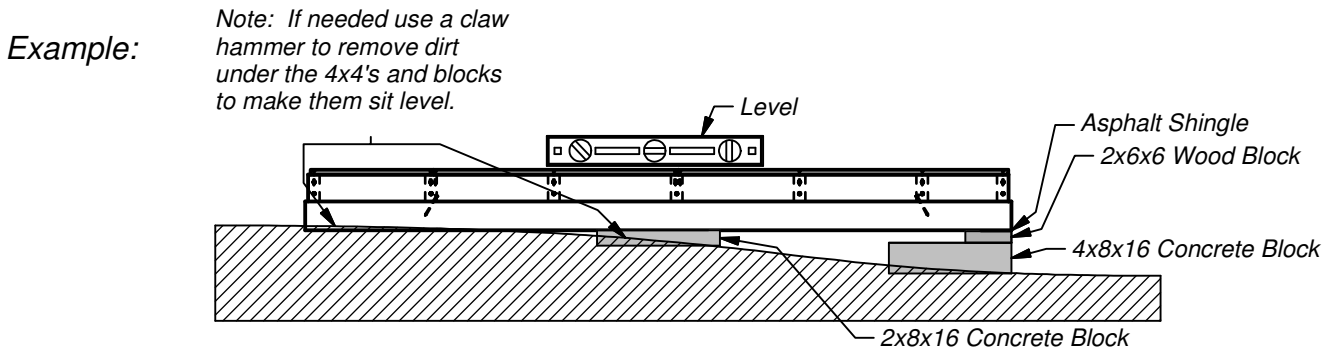
• **Find the high ground and work in a circle leveling and raising each corner as needed until you've worked back to the high corner.**



## LEVELING

- Locate leveling material at the end of the runners.
- Asphalt shingles should be used between blocks and frame lumber to fine-tune and level frame. Never use shingles in direct contact with the ground.
- Always work either clockwise or counter clockwise when leveling and blocking.
- (Optional) For best results and aiding in water drainage you can use gravel under each concrete block.

**NOTE:** If you need more leveling materials you can brake Concrete Blocks in to two pieces. To do so tap 8-10 light to medium taps across the center of the block followed by one power blow in the center, repeat if needed until you get desired effect.



**⚠ The leveling of the deck is crucial to the successful building of the shed. If it is not perfectly level and flat the entire building will suffer.**

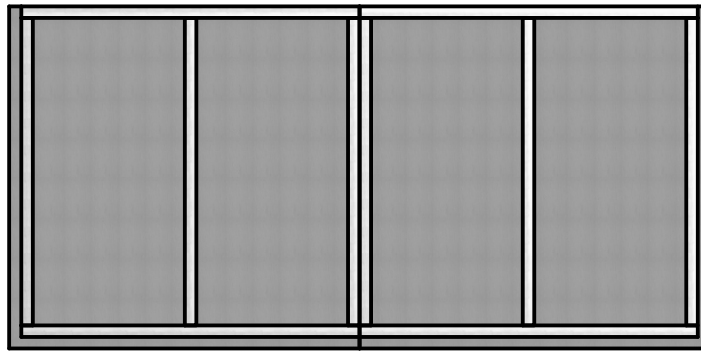
**⚠ Always support floor frame seams.**

**Note:** If your shed location is more than 6" out of level you will either need to get more materials at your local hardware store or relocate the shed location. (Note it's not recommended to exceed 16" of leveling materials at one corner or side.

# RIGHT SIDE WALL INSTALLATION

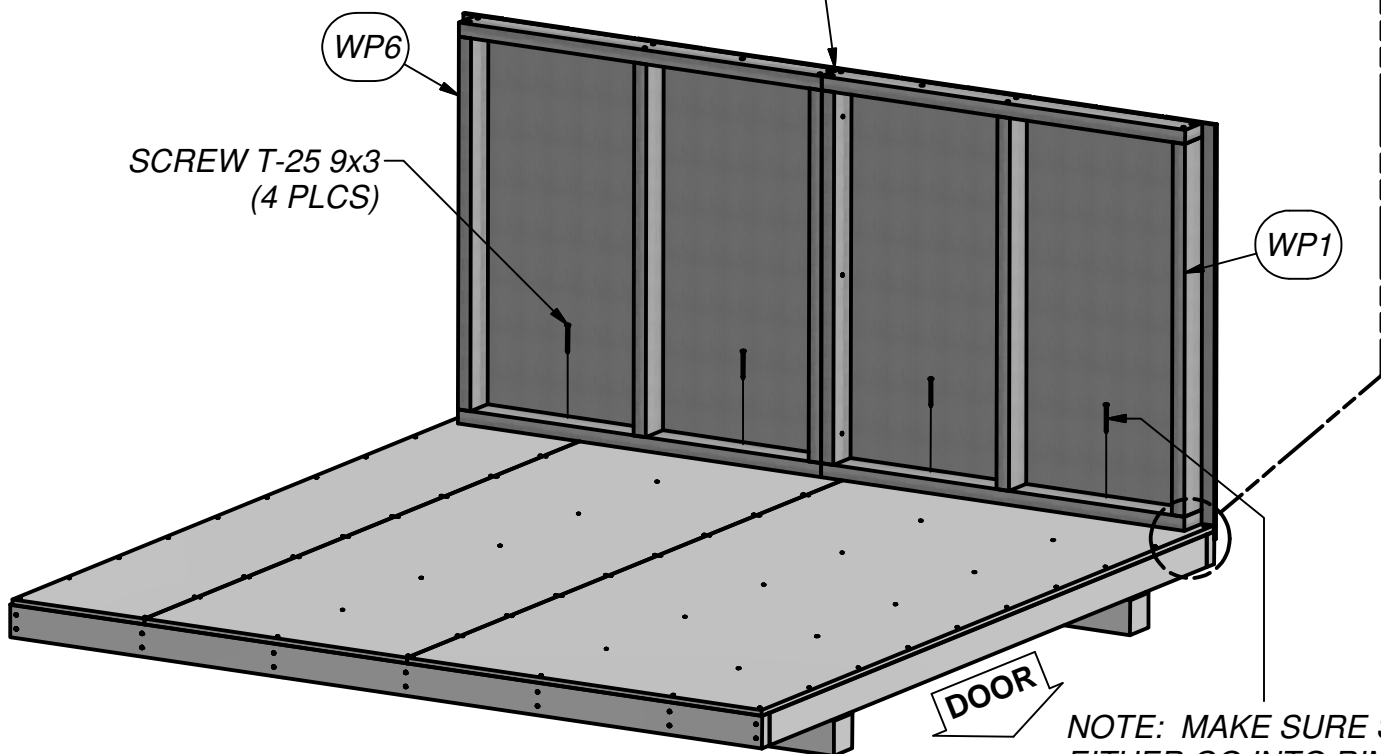
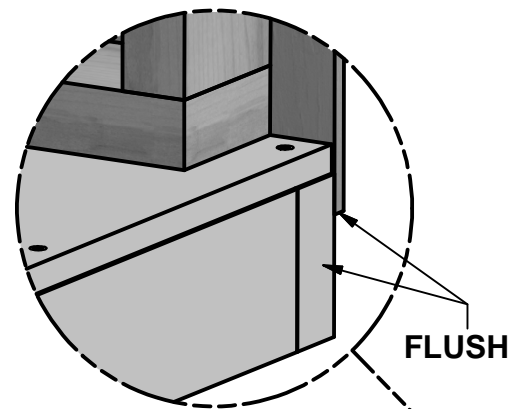
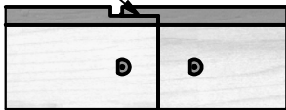


(4) - SCREW T-25 9x3 - H100578



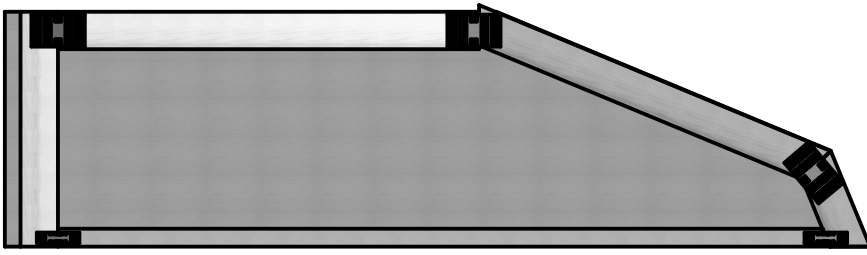
(1) WP1 - SIDE WALL PANEL - W2A02156

NOTE HOW SIDING JOINTS SHOULD LOOK.



NOTE: MAKE SURE SCREWS  
EITHER GO INTO RIM JOISTS  
OR FLOOR JOISTS WHEN  
MOUNTING WALLS.

# FRONT RIGHT WALL INSTALLATION

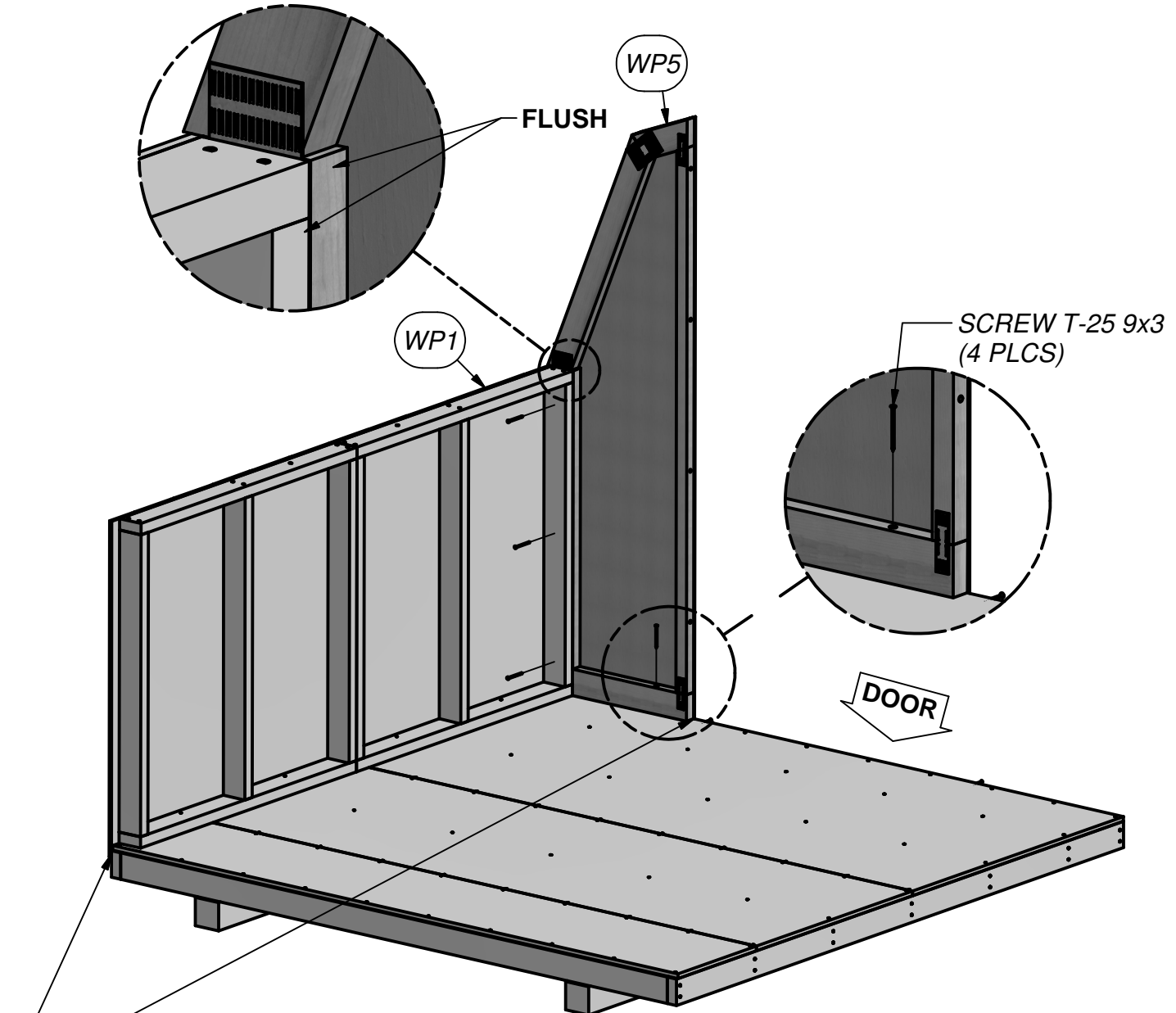


(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122



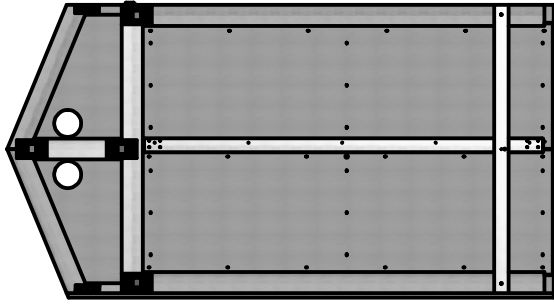
(4) - SCREW T-25 9x3 - H100578

- Attach (WP5) front right side wall to (WP1) right side wall securing with 3" torx drive fasteners, approximately 3-1/2" from both the top and bottom plates.



- **IMPORTANT:** Make sure to mate the wall panel siding with joists. **DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.**

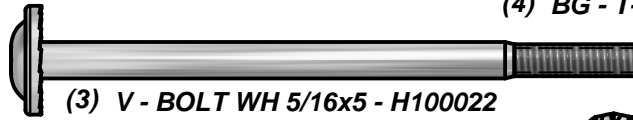
# FRONT CENTER WALL INSTALLATION



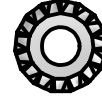
(1) Q - BOLT WH 5/16x3 1/4 - H100017



(4) BG - T-NUT 5/16 - H100074

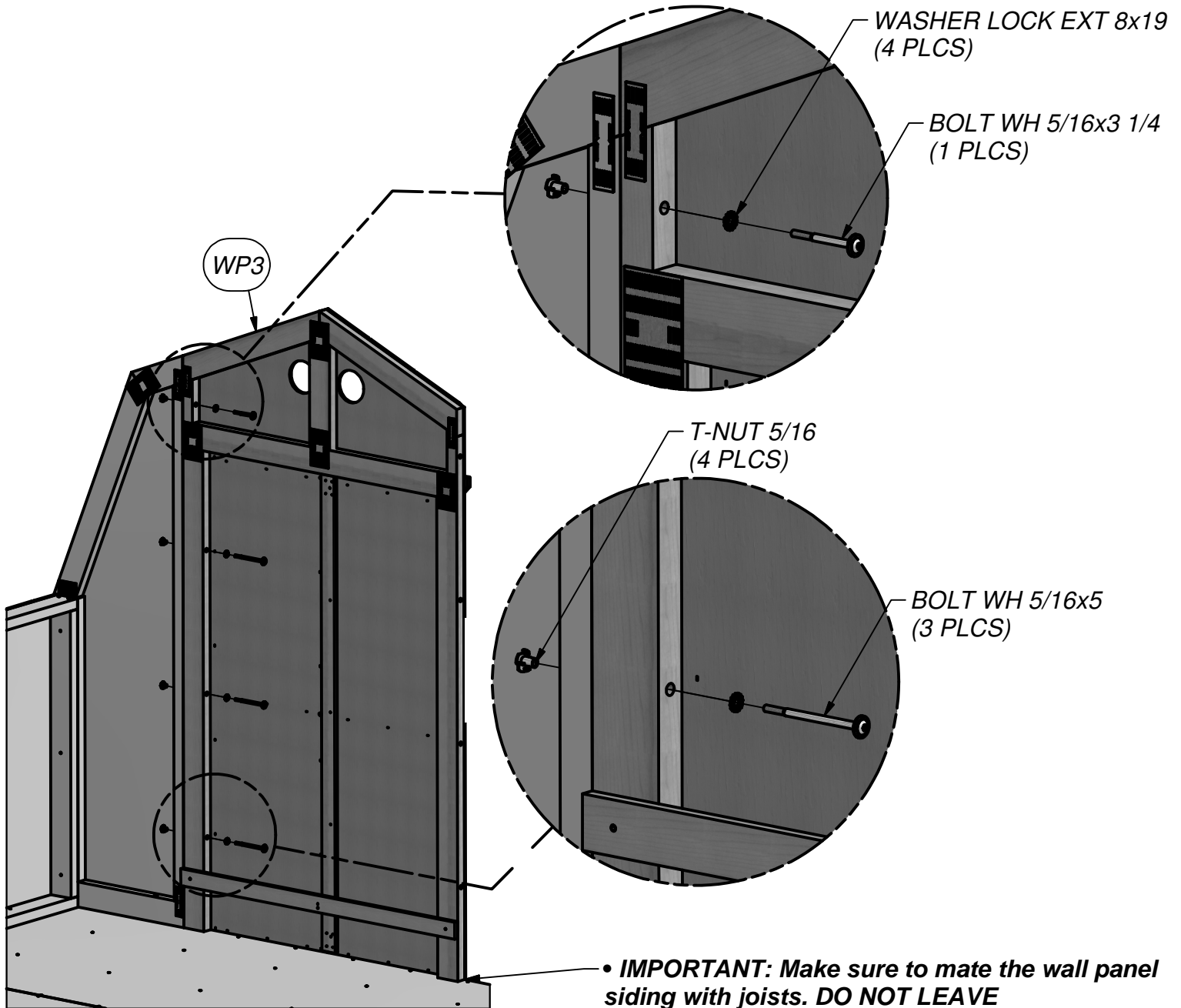


(3) V - BOLT WH 5/16x5 - H100022



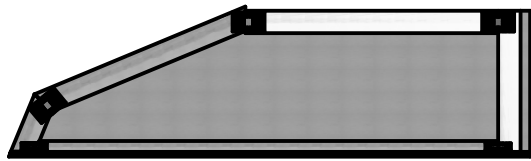
(4) AC - WASHER LOCK EXT 8x19 - H100030

(1) WP3 - FRONT CENTER WALL PANEL - W2A02120



• **IMPORTANT:** Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.

# FRONT LEFT WALL INSTALLATION



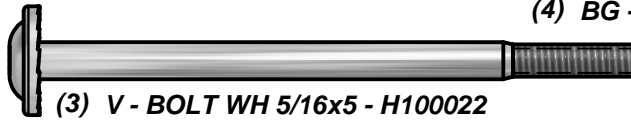
(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121



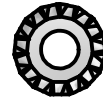
(1) Q - BOLT WH 5/16x3 1/4 - H100017



(4) BG - T-NUT 5/16 - H100074



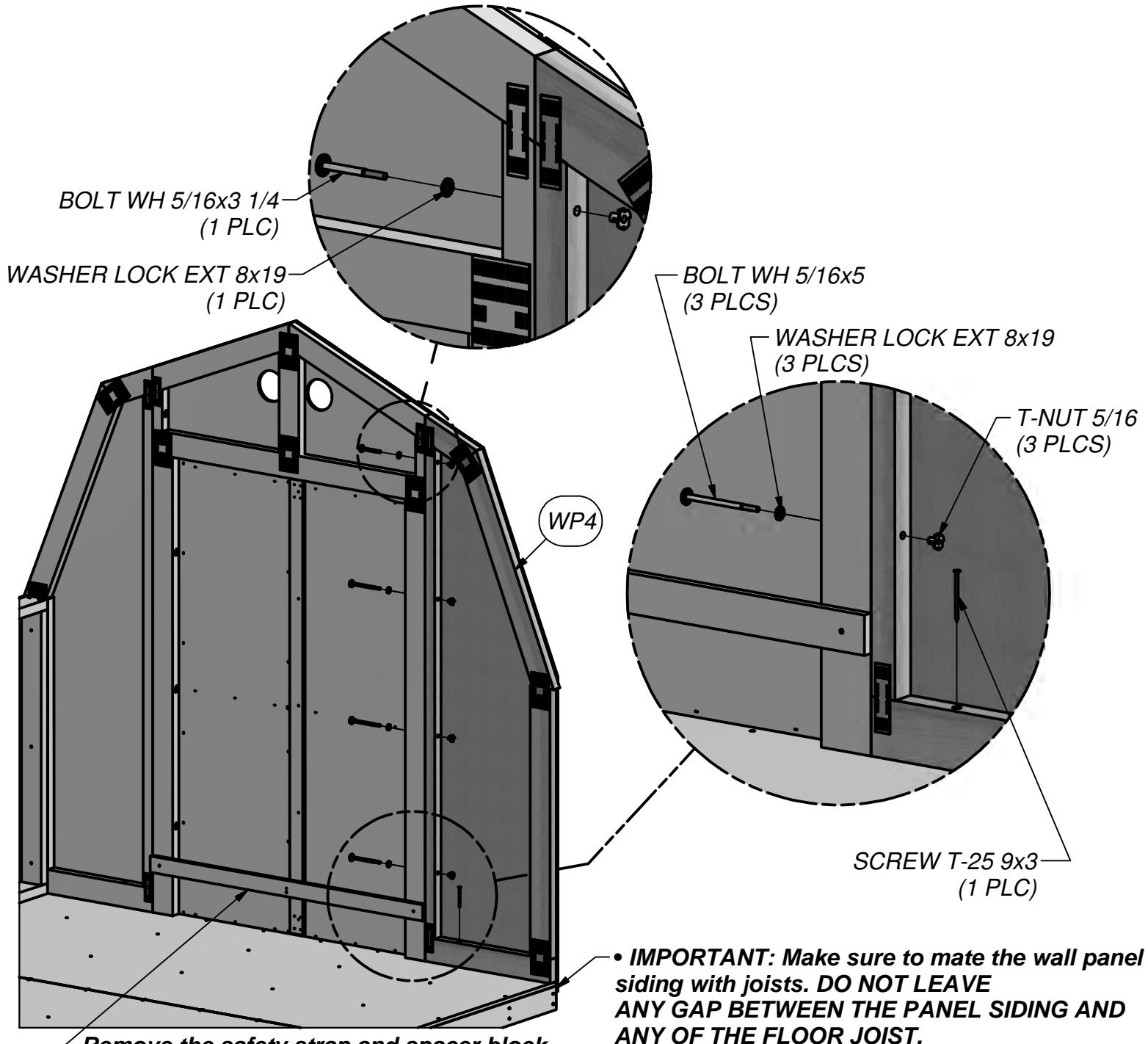
(3) V - BOLT WH 5/16x5 - H100022



(4) AC - WASHER LOCK EXT 8x19 - H100030



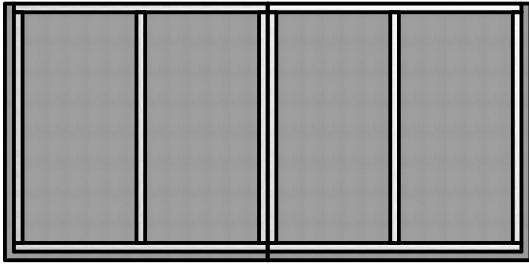
(1) - SCREW T-25 9x3 - H100578



• **IMPORTANT:** Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.

Remove the safety strap and spacer block from the doors.  
Operate doors and check function before moving to next step.

# LEFT SIDE WALL INSTALLATION

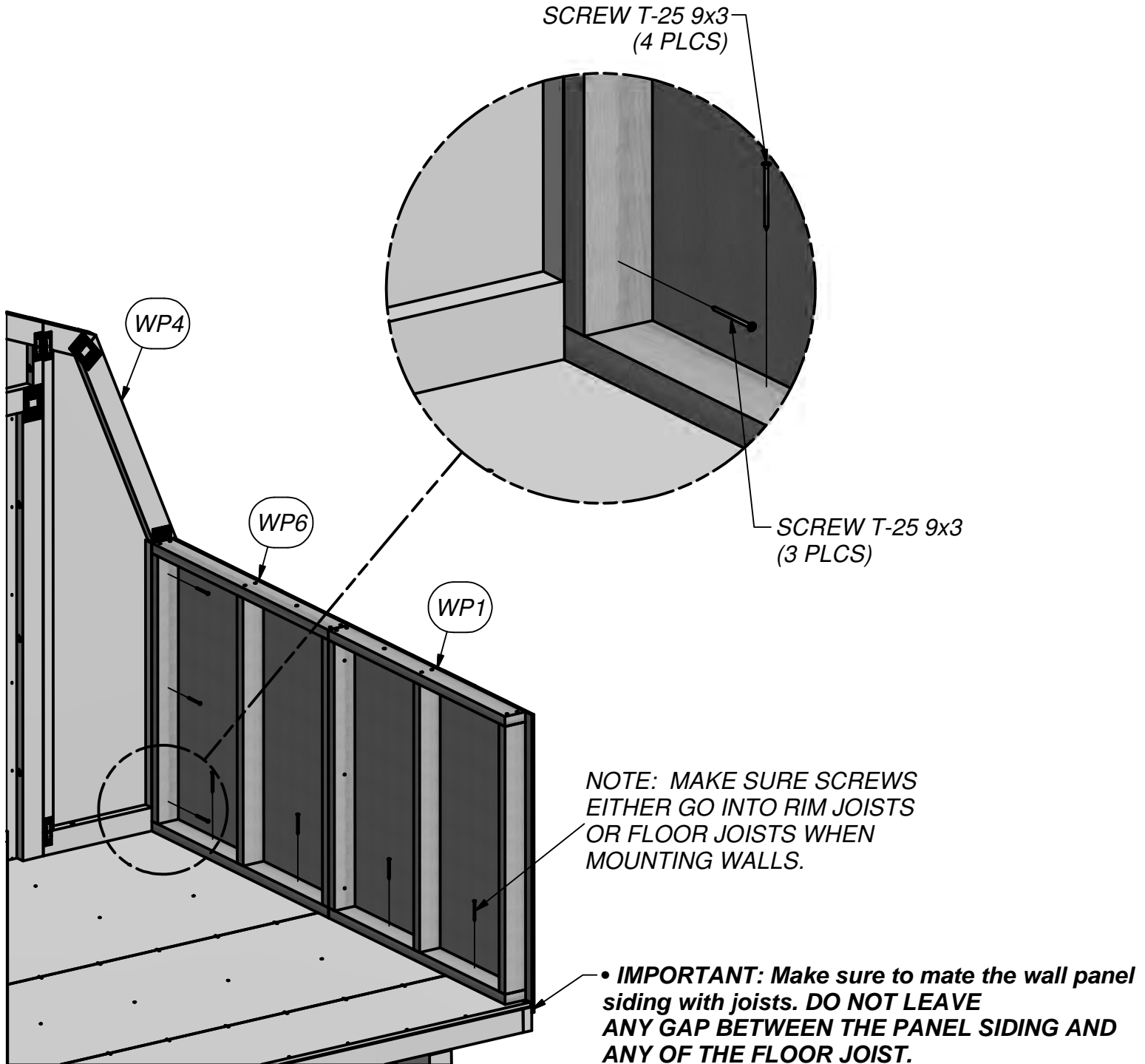


(1) WP1 - SIDE WALL PANEL - W2A02156

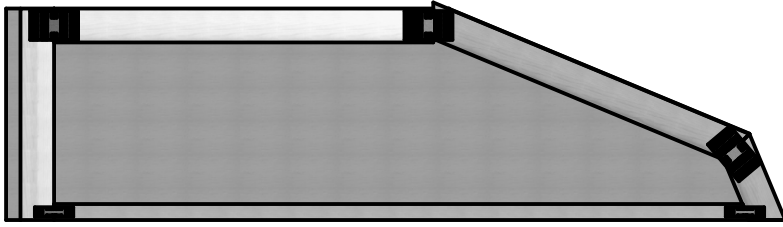


(7) - SCREW T-25 9x3 - H100578

- Attach (WP1) Side Wall Assembly by securing with 3" torx drive fasteners as shown below.



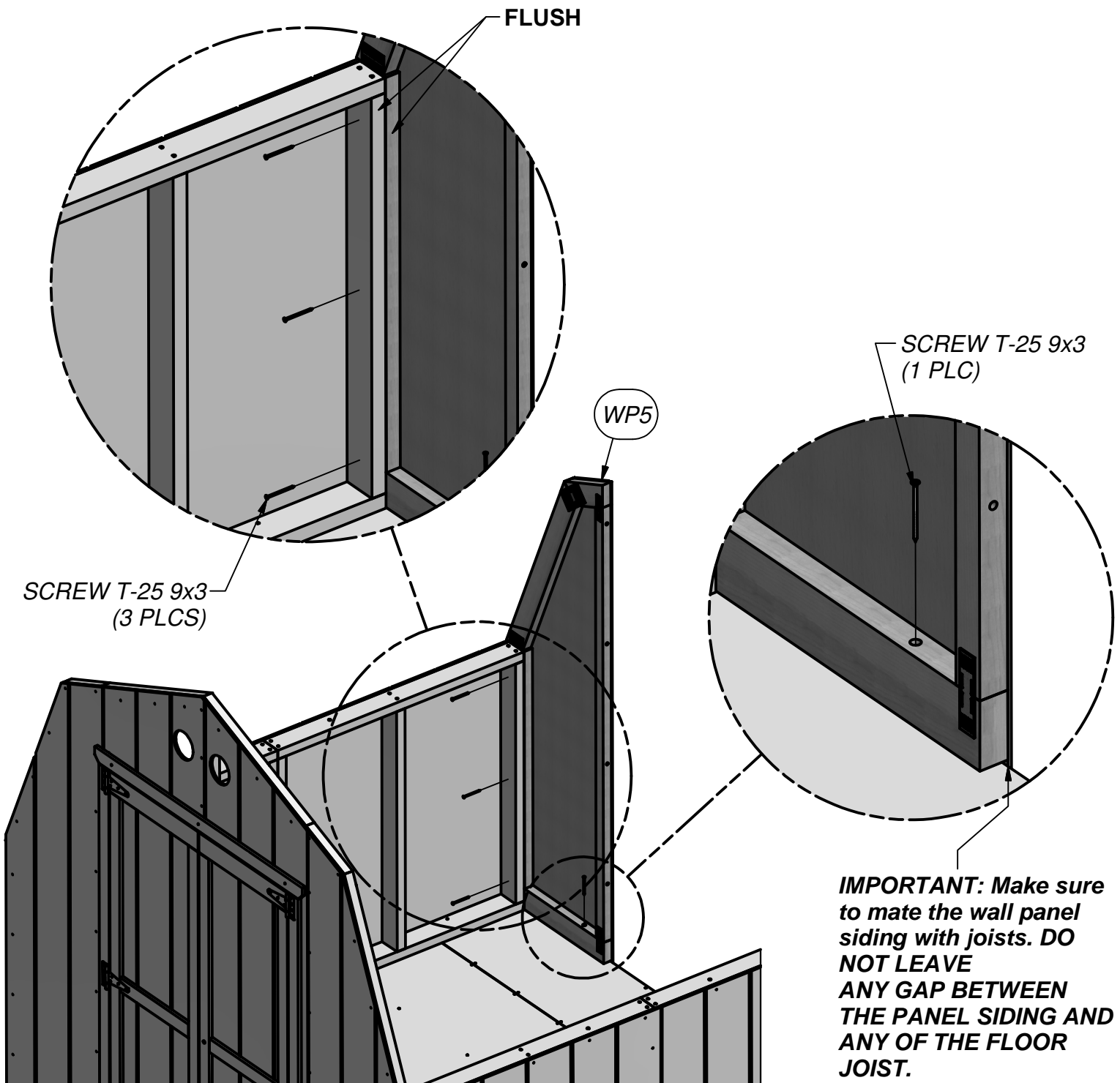
# REAR LEFT WALL INSTALLATION



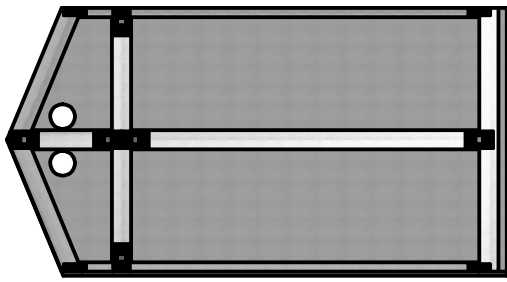
(1) WP5 - UNIVERSAL RIGHT WALL PANEL - W2A02122



(4) - SCREW T-25 9x3 - H100578



# REAR CENTER WALL INSTALLATION



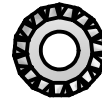
(1) WP2 - REAR CENTER WALL PANEL - W2A02119



(4) Q - BOLT WH 5/16x3 1/4 - H100017

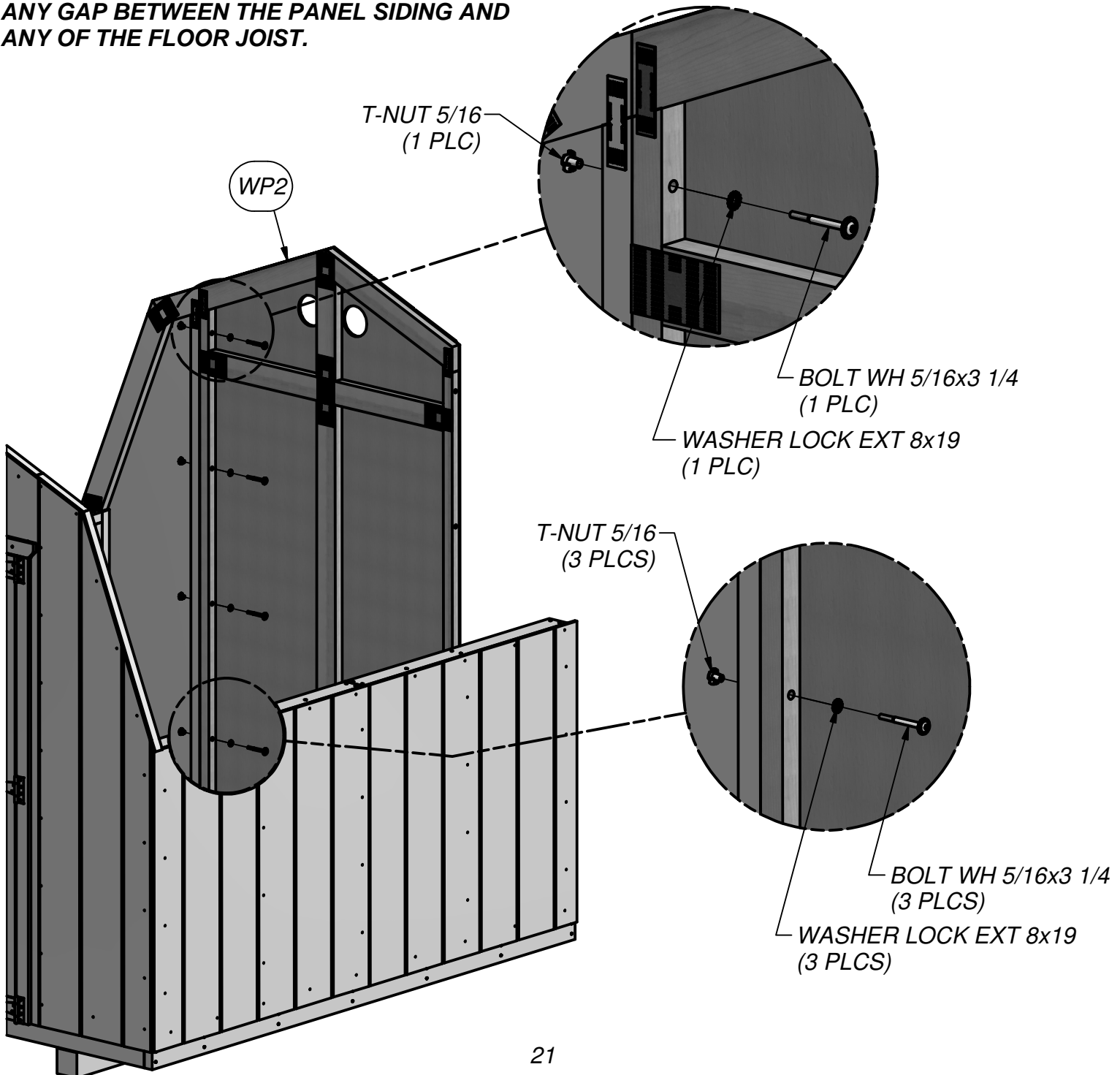


(4) BG - T-NUT 5/16 - H100074



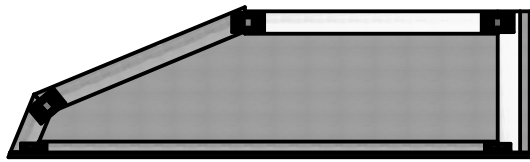
(4) AC - WASHER LOCK EXT 8x19 - H100030

• **IMPORTANT:** Make sure to mate the wall panel siding with joists. DO NOT LEAVE ANY GAP BETWEEN THE PANEL SIDING AND ANY OF THE FLOOR JOIST.





# REAR RIGHT WALL INSTALLATION



(1) WP4 - UNIVERSAL LEFT WALL PANEL - W2A02121



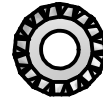
(4) Q - BOLT WH 5/16x3 1/4 - H100017



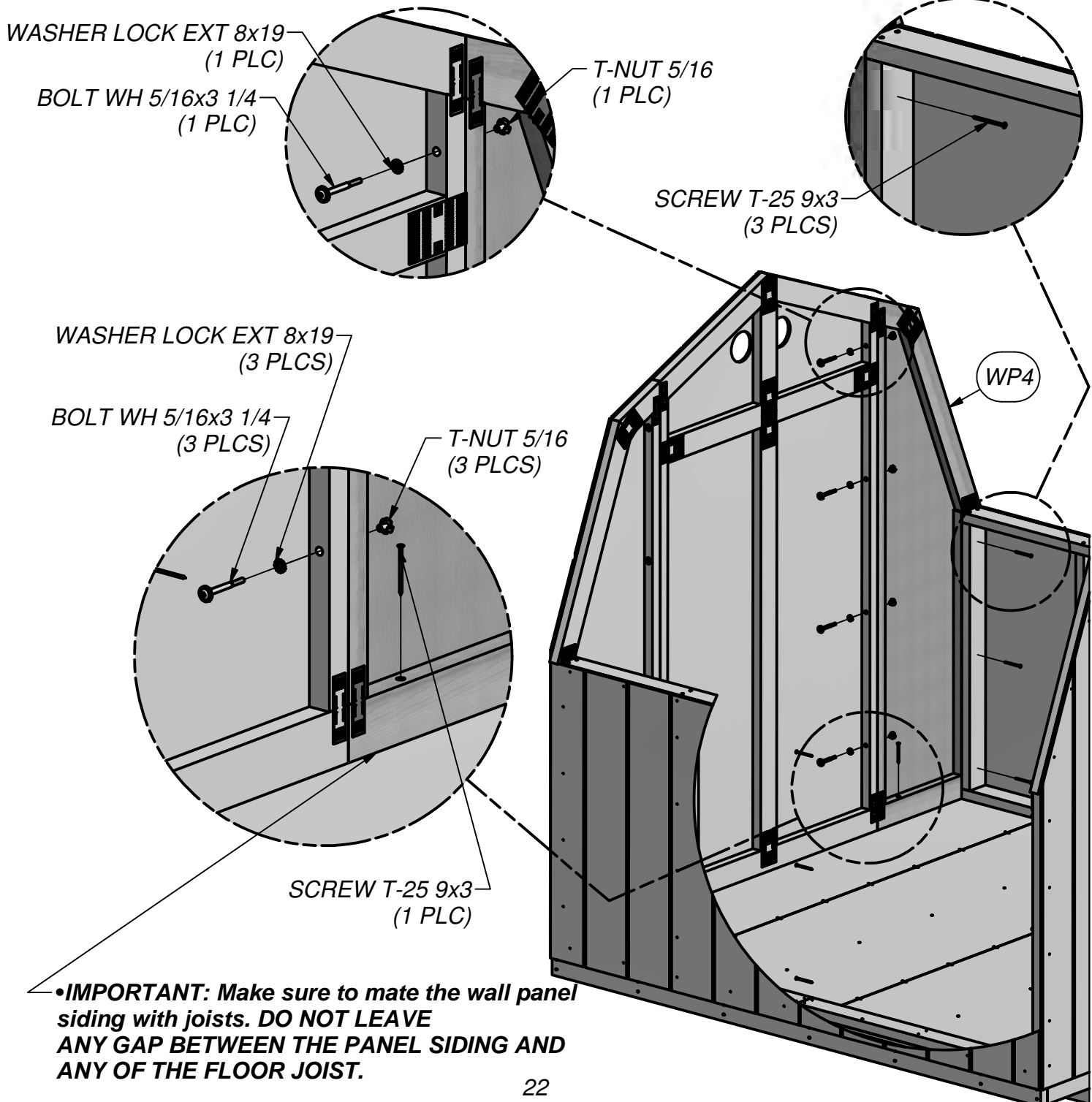
(4) BG - T-NUT 5/16 - H100074



(4) - SCREW T-25 9x3 - H100578



(4) AC - WASHER LOCK EXT 8x19 - H100030



# WALL PANEL FASTENERS



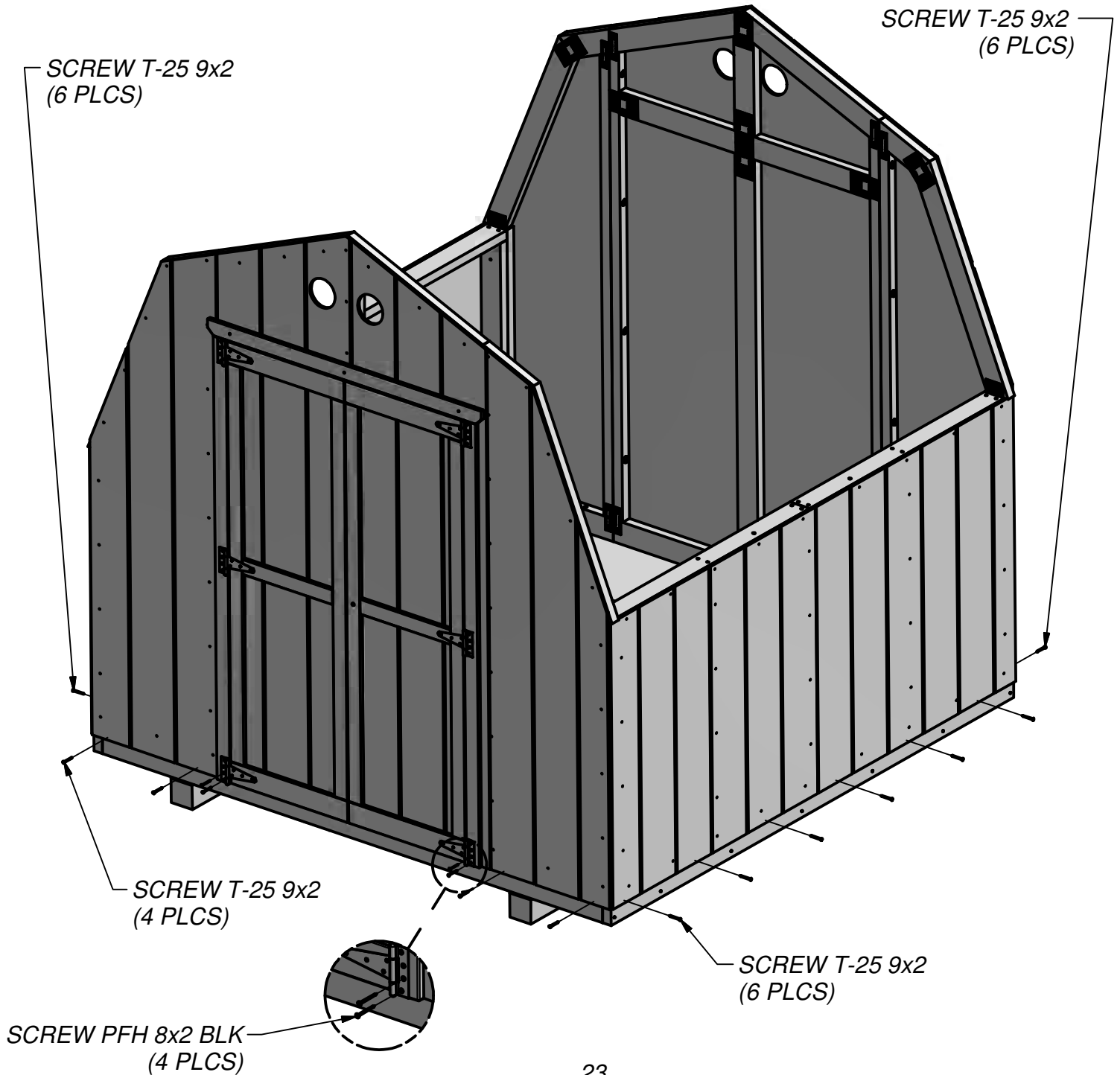
(4) - SCREW PFH 8x2 BLK - H100391



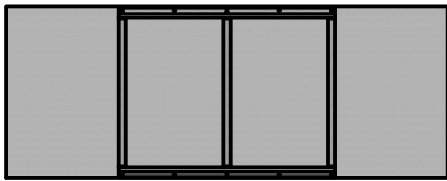
(22) - SCREW T-25 9x2 - H100579

## -OPTIONAL-

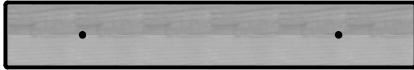
For your convenience we recommend that the painting be done at this time. See "PAINT" on page 2 of this manual.



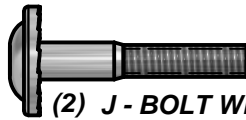
# RIGHT ROOF PANELS INSTALLATION



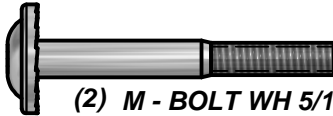
(2) RP1 - ROOF PANEL - W2A02120



(2) - FILLER BOARD - W4L07701  
1"x3 3/8"x21 3/8" (24x86x543)



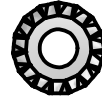
(2) J - BOLT WH 5/16x1 3/4 - H100011



(2) M - BOLT WH 5/16x2 1/2 - H100014



(4) BS - SCREW PFH 8x1 3/4 - H100089



(4) AC - WASHER LOCK EXT 8x19 - H100030

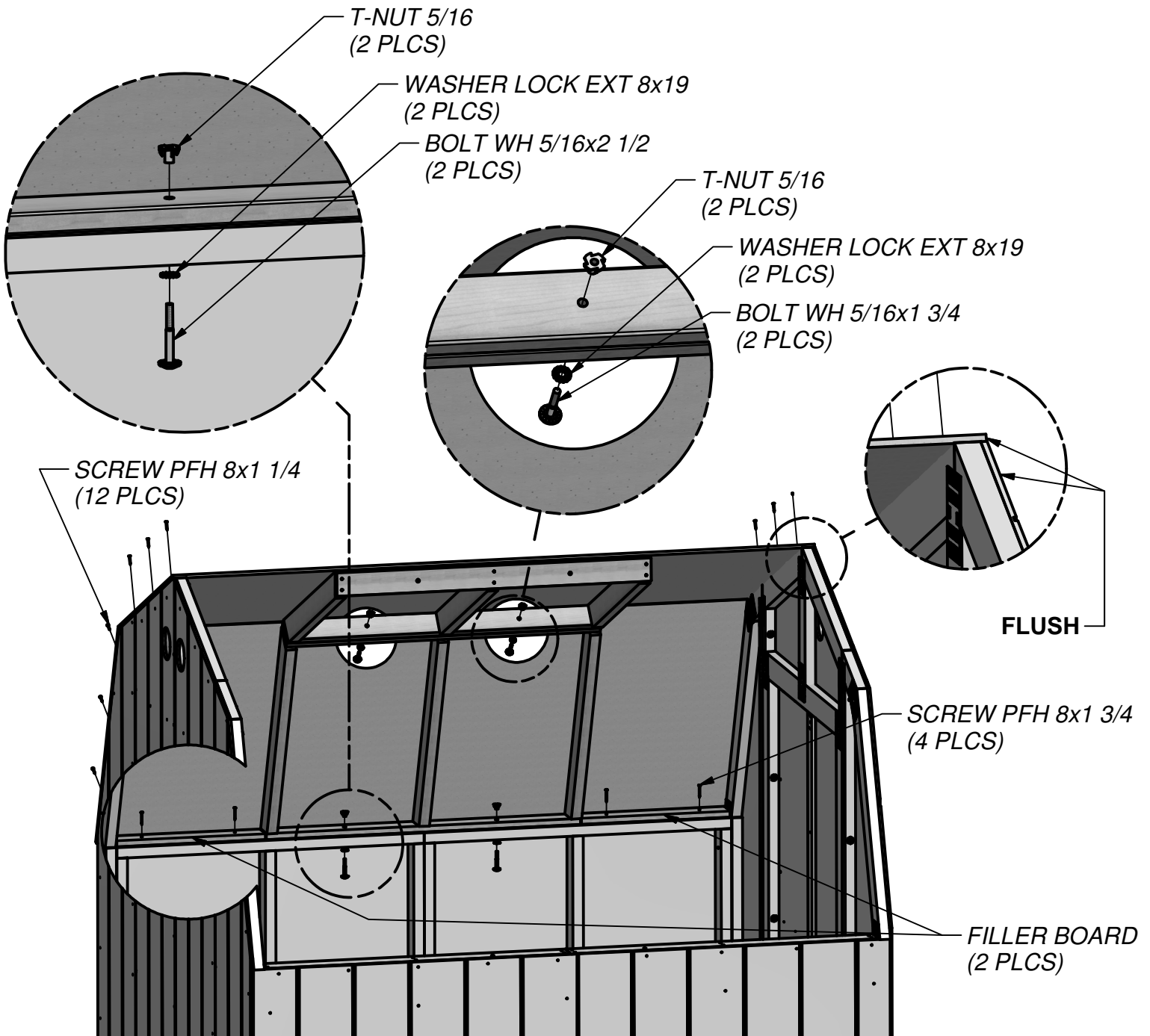


(4) BG - T-NUT 5/16 - H100074

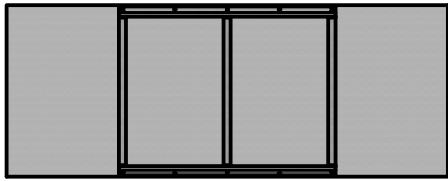


(12) BQ - SCREW PFH 8x1 1/4 - H100087

- You will need to use the T-40 handwrench to secure the bolt and t-nut combinations.



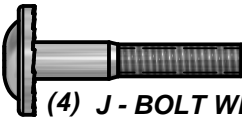
# LEFT ROOF PANELS INSTALLATION



(2) RP1 - ROOF PANEL - W2A02120



(2) - FILLER BOARD - W4L07701  
1"x3 3/8"x21 3/8" (24x86x543)



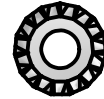
(4) J - BOLT WH 5/16x1 3/4 - H100011



(2) M - BOLT WH 5/16x2 1/2 - H100014



(4) BS - SCREW PFH 8x1 3/4 - H100089



(6) AC - WASHER LOCK EXT 8x19 - H100030

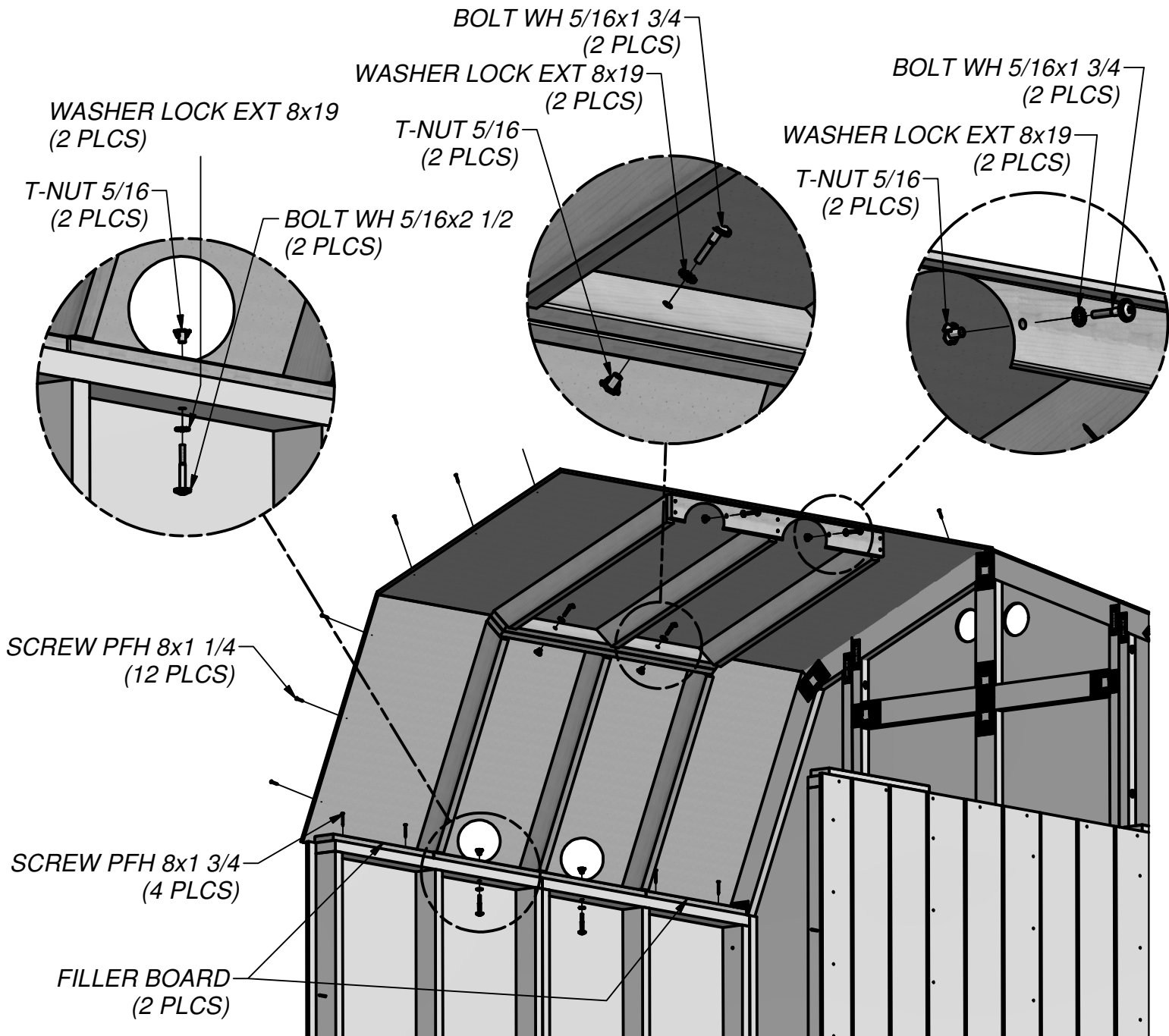


(6) BG - T-NUT 5/16 - H100074



(12) BQ - SCREW PFH 8x1 1/4 - H100087

- You will need to use the T-40 handwrench to secure the bolt and t-nut combinations.



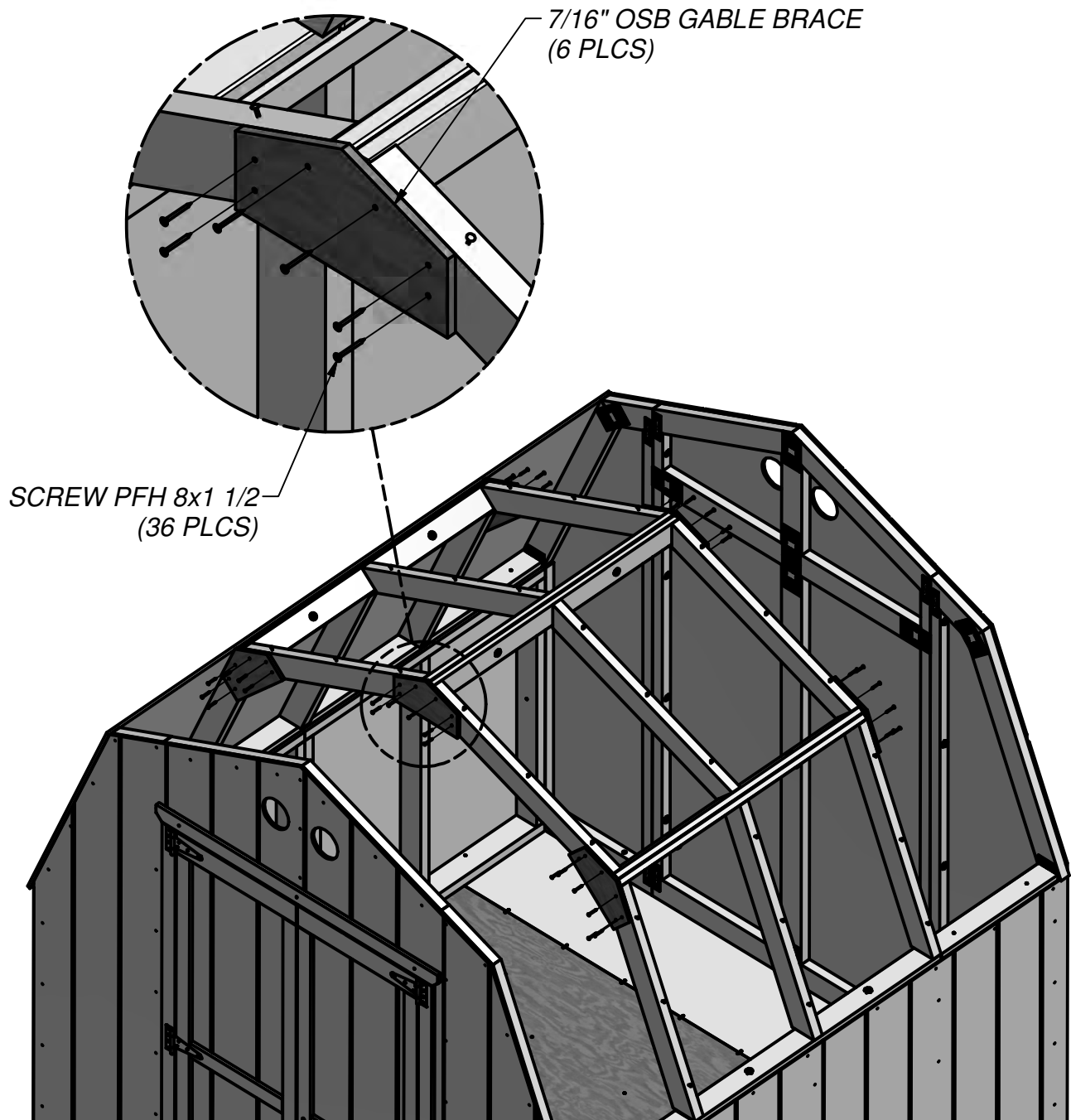
# **GABLE BRACES**



(6) - 7/16" OSB GABLE BRACE - W4L07667  
7/16"x6 1/8"x11" TREATED



(36) BP - SCREW PFH 8x1 1/2 - H100086



# FRONT TRIM BOARDS

(2) - SIDE VERTICAL TRIM - W4L07665  
5/8"x2 3/8"x44 1/2" (16x60x1130)

(2) - FASCIA BOARD - W4L07672  
5/8"x2 3/8"x87 1/4" (16x60x2216)

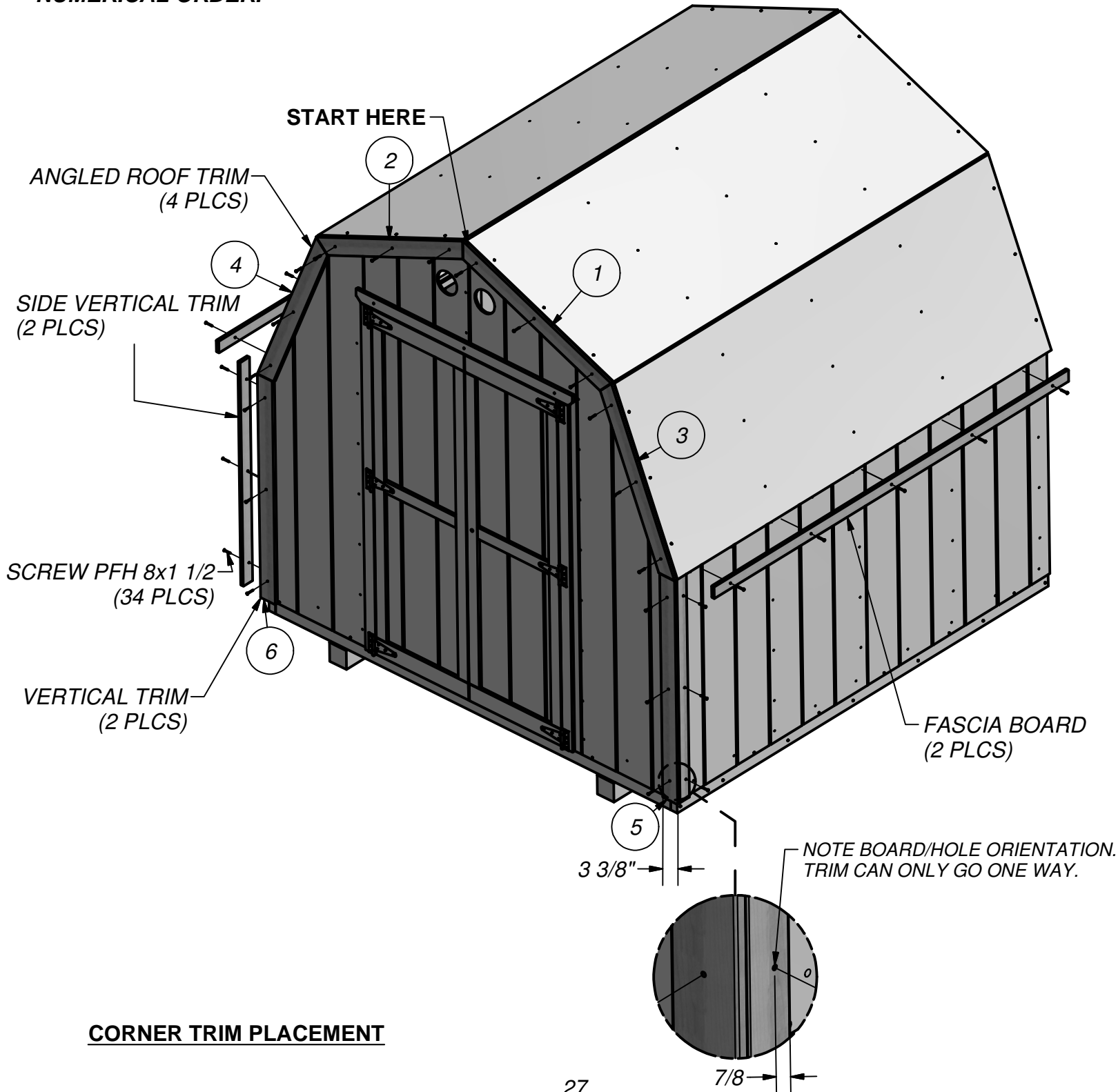
(4) - ANGLED ROOF TRIM - W4L07666  
5/8"x3 3/8"x36" (16x86x914)

(2) - VERTICAL TRIM - W4L07674  
5/8"x3 3/8"x44 1/2" (16x86x1130)



(34) BP - SCREW PFH 8x1 1/2 - H100086

• **ASSEMBLE THE SIDE TRIM BOARDS FIRST AND THEN ASSEMBLE FRONT TRIM BOARDS IN NUMERICAL ORDER.**



# REAR TRIM BOARDS

(2) - SIDE VERTICAL TRIM - W4L07665  
5/8"x2 3/8"x44 1/2" (16x60x1130)

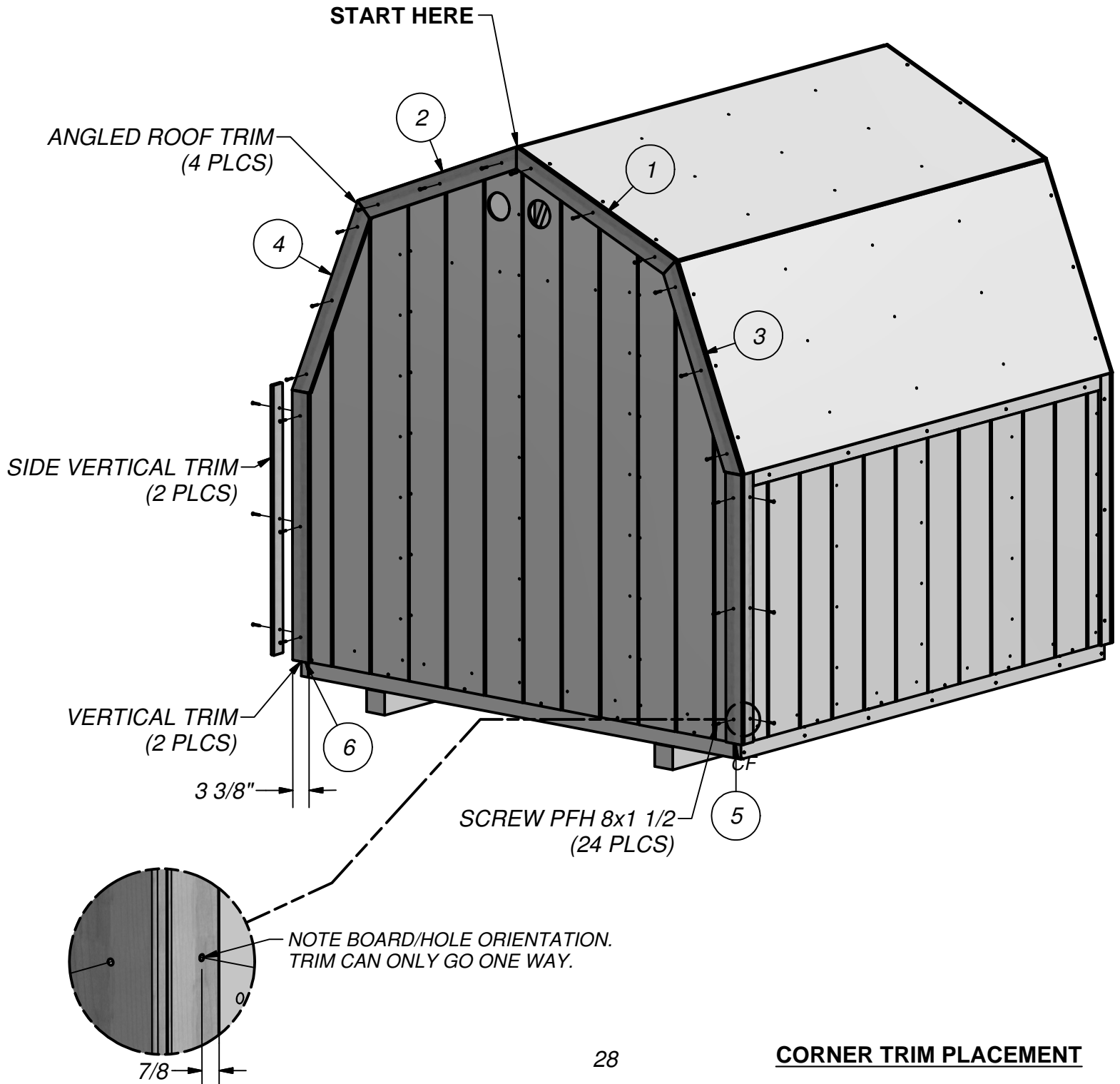
(2) - VERTICAL TRIM - W4L07674  
5/8"x3 3/8"x44 1/2" (16x86x1130)



(24) BP - SCREW PFH 8x1 1/2 - H100086

(4) - ANGLED ROOF TRIM - W4L07666  
5/8"x3 3/8"x36" (16x86x914)

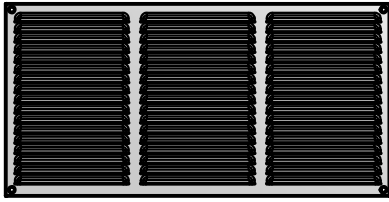
• **ASSEMBLE THE SIDE TRIM BOARDS FIRST AND THEN ASSEMBLE REAR TRIM BOARDS IN NUMERICAL ORDER.**



# VENT INSTALLATION



(1) - DOOR DRIP BOARD - W4L07675  
3/4"x1"x46 3/4" (20x24x1187)



(2) - VENT (8x16) - A4M00771

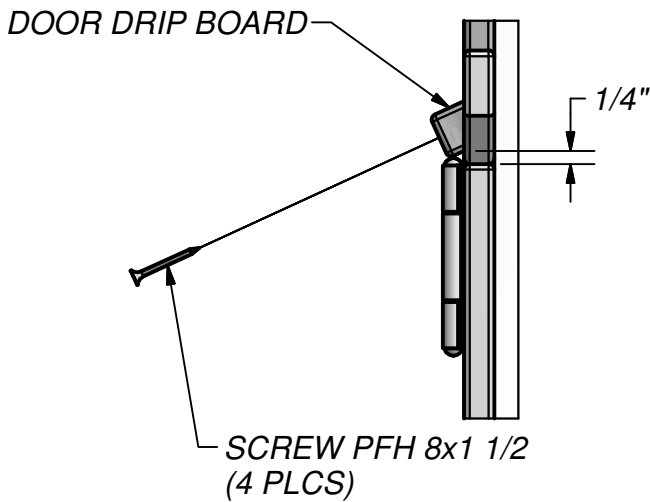


(8) CY - SCREW PWH 8x5/8 - H100128

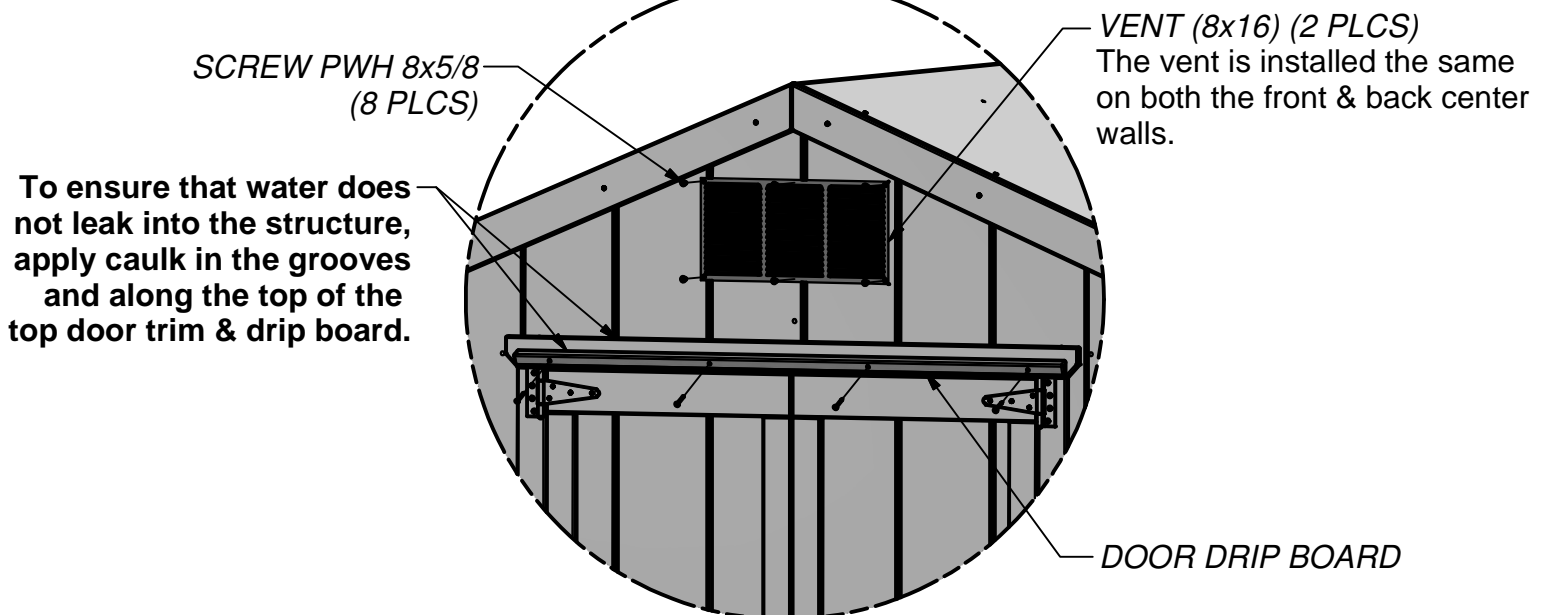
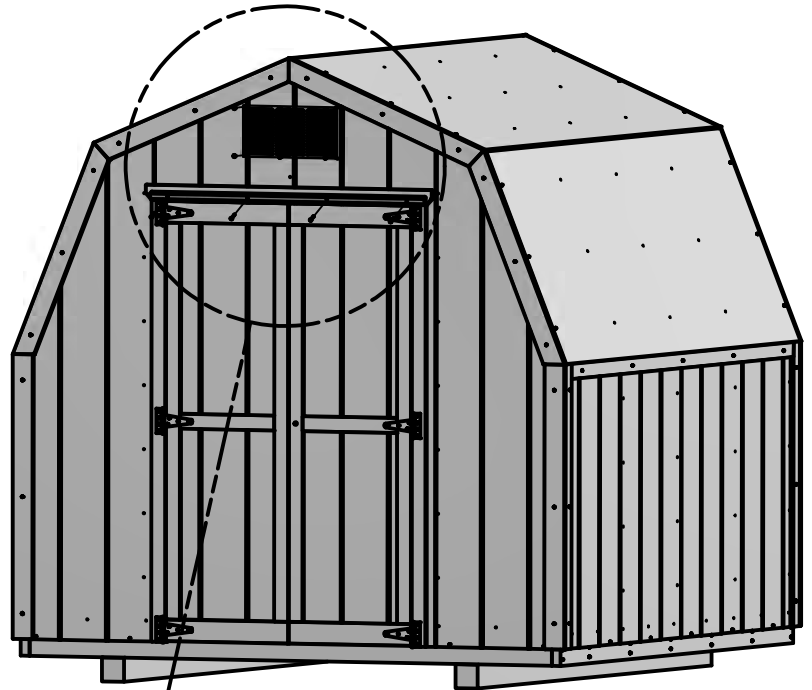


(4) BP - SCREW PFH 8x1 1/2 - H100086

• The vent (8x16) is installed over the 4-1/2" holes in the front and rear center panels.

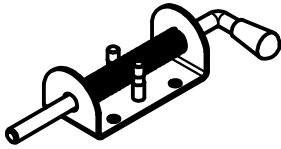


## DOOR DRIP BOARD INSTALLATION

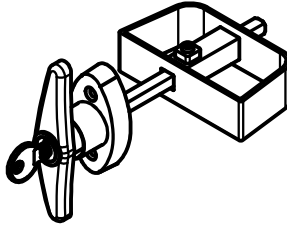




# DOOR COMPONENTS



(2) - SPRING LATCH ASSEMBLY - A4M00774



(1) - LOCKING DOOR HANDLE - A4M00603



(2) - 8x1 PFH SCREW BLK - WC - H100445



(8) VT - SCREW PFH 8x1-1/2 BLK - H100200

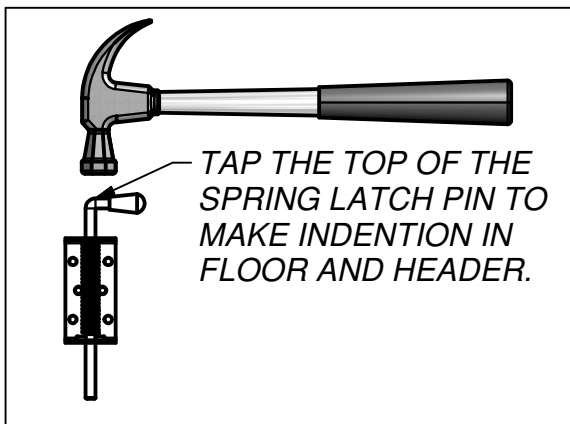
## PREFERRED HANDLE INSTALLATION

- Insert the handle into the hole from the outside with the handle in the "unlocked" position. The escutcheon plate on the latch should be mounted so the long dimension is vertical to the shed. Secure the latch in place using the 1" screws provided.
- Install the inside "D" handle onto the latch shaft using an 1/8" Allen wrench. The latch should be installed so there is no play between the back of the inside handle and the back of the door stop, located on the left door. When installing the handle, be sure the inside latch is being installed on the shaft so that it will latch on the left door when the outside handle is in the "locked position".



LOCKED POSITION

8x1 PFH SCREW BLK - WC  
(2 PLCS)



TAP THE TOP OF THE  
SPRING LATCH PIN TO  
MAKE INDENTATION IN  
FLOOR AND HEADER.

## SPRING LATCH INSTALLATION

- The spring latches should attach to the door stop on the inside of the left door as you look at the door from the outside. Holes need to be drilled into the floor and header to make them functional.
- Carefully secure the latches in place so its parallel to door edge using the 1-1/2" screws provided.
- Hold the spring latch pin down against the floor with the end of the pin mated with the surface of the floor. Mark the floor by tapping the top of the pin with a hammer.
- Carefully drill a 3/8" hole into the floor allowing the pin to slide freely in and out of the drilled hole.
- Repeat process for the top spring latch, hole being drilled into door header.

SCREW PFH 8x1-1/2 BLK  
(4 PLCS) X2

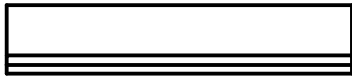


NOTE HOLES  
ARE PRE-DRILLED

FLOOR

DOOR STOP

(2) **FULL - STARTER SHINGLE 7.125 x 36**



(1) **- STARTER SHINGLE 7.125 x 22.25**



(11) **- 7/8" ROOFING NAIL GALV. - H100446**

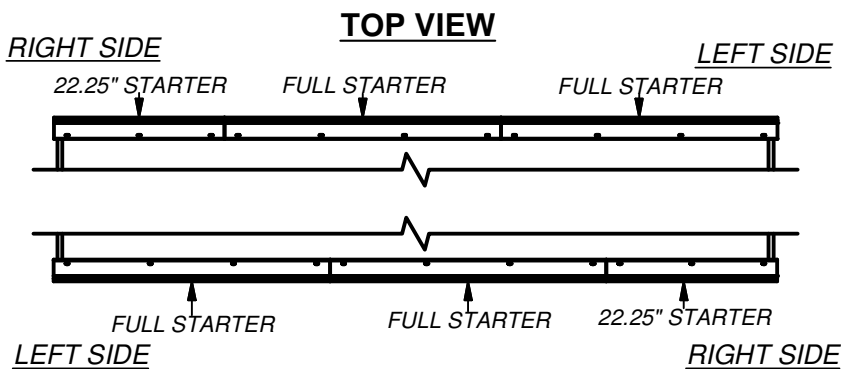
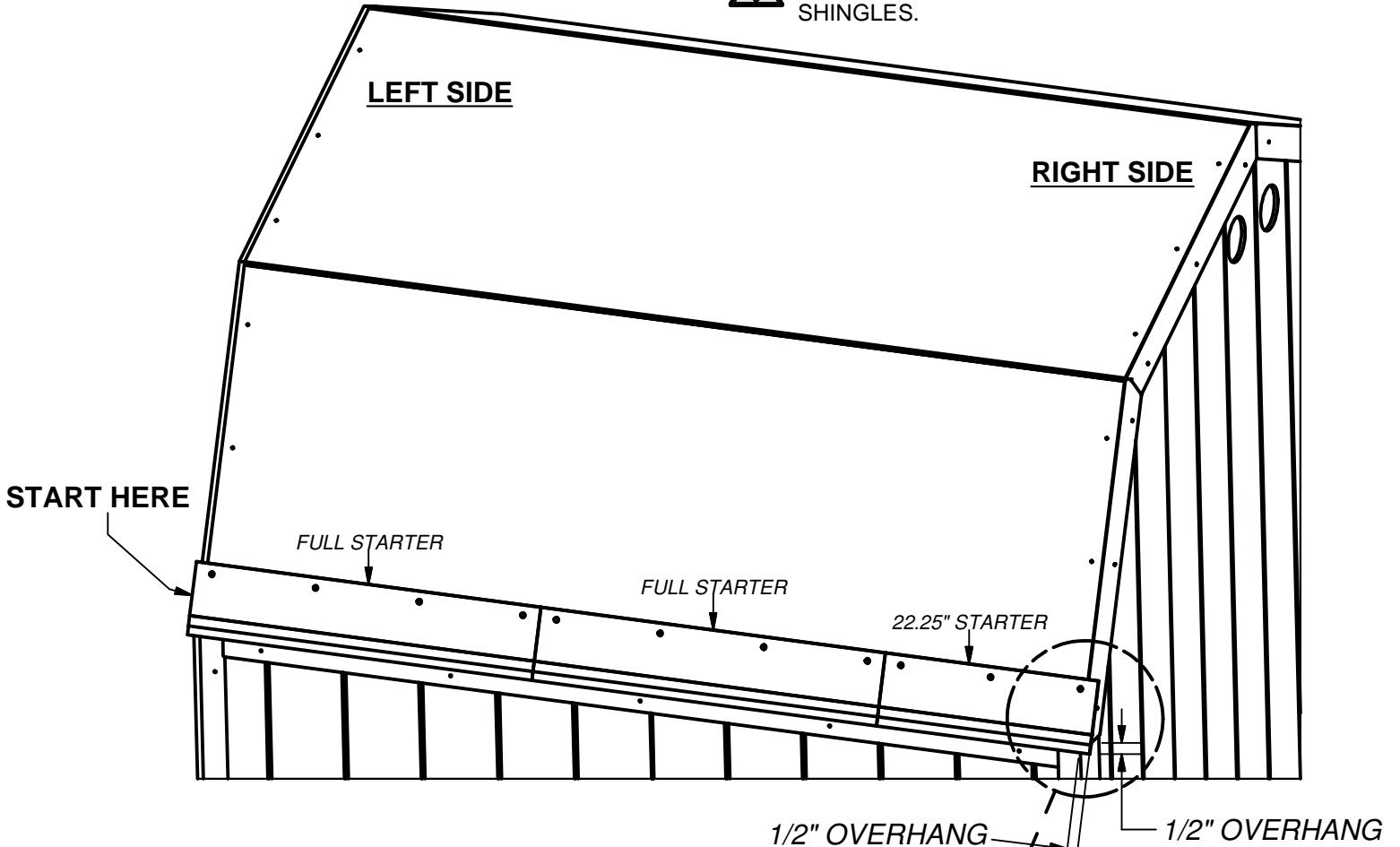


## **STARTER SHINGLES**

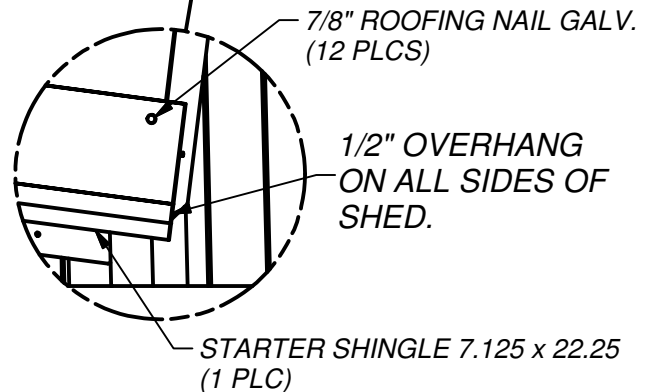
**USE THESE STEPS FOR BOTH SIDES**

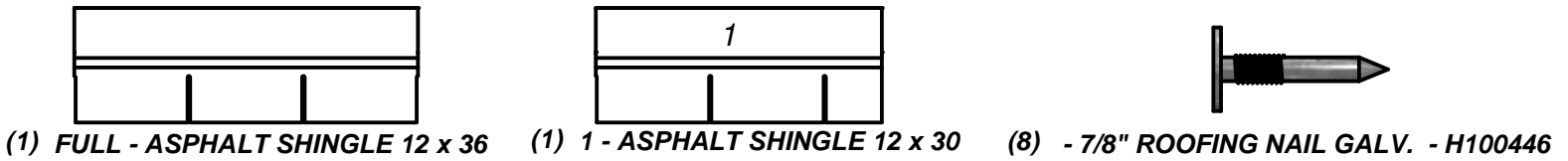


• WORK LEFT TO RIGHT WHEN  
INSTALLING STARTER  
SHINGLES.

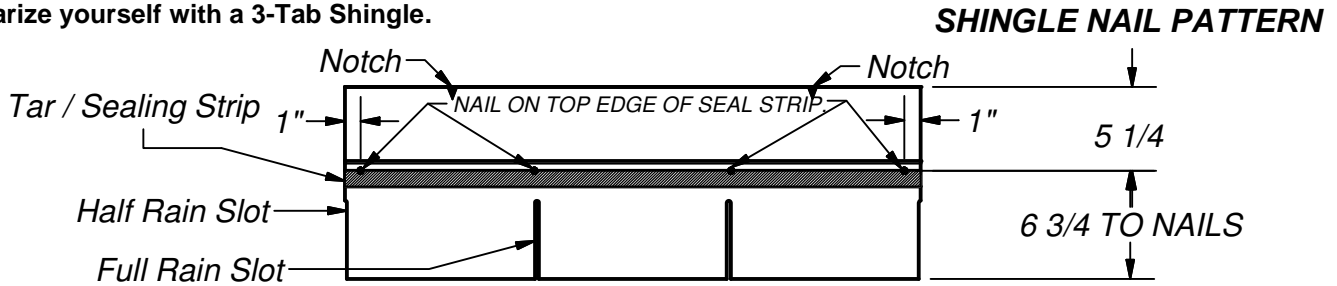


• NOTE HOW THE SHINGLE PLACEMENT CHANGES AS YOU SWITCH SIDES WHILE WORKING FROM LEFT TO RIGHT. THIS WORKS THE SAME WAY IN THE FOLLOWING PAGES ONLY YOU WILL BE WORKING FROM RIGHT TO LEFT.





- Familiarize yourself with a 3-Tab Shingle.



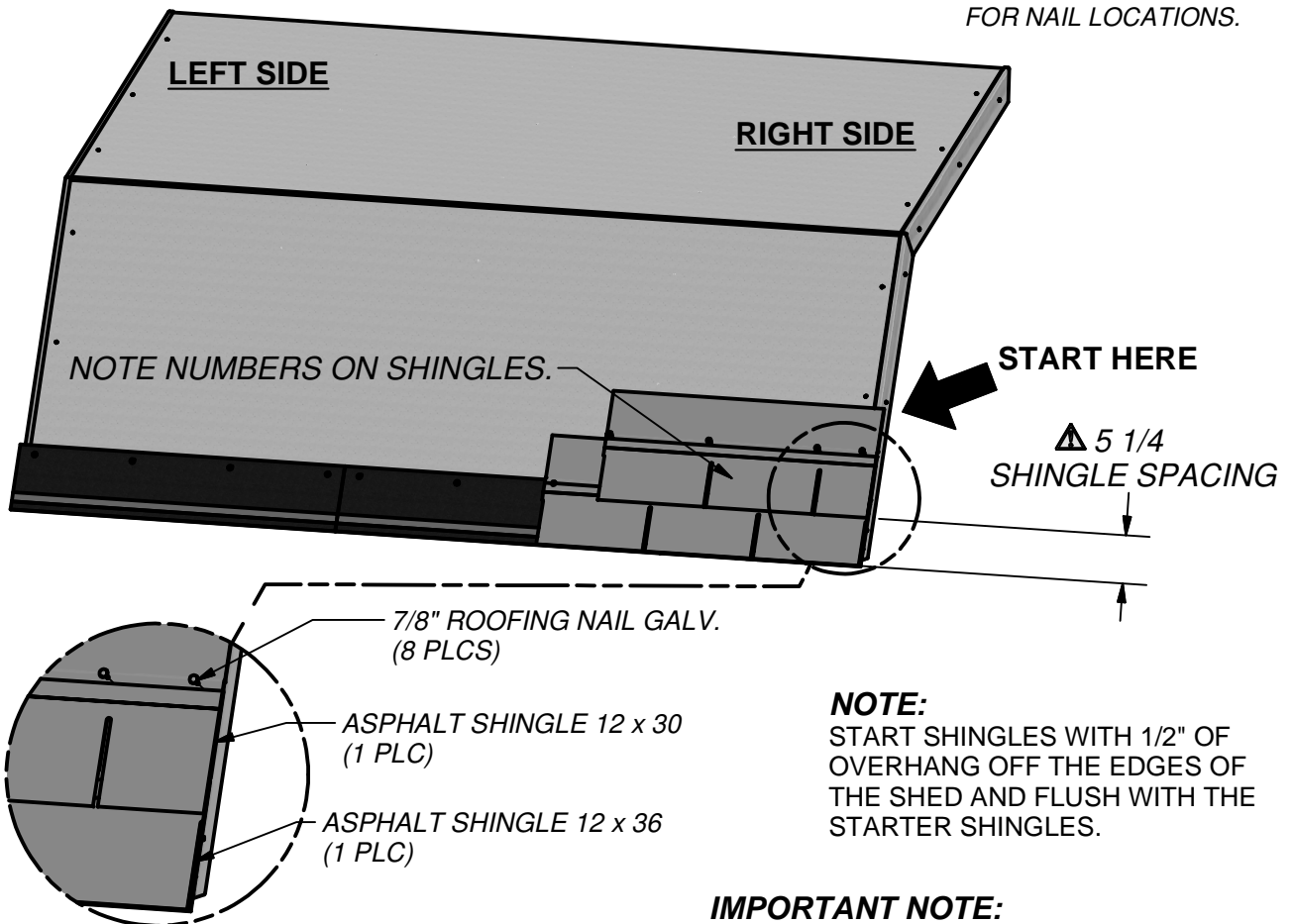
## SHINGLE COURSE - START

▲ PRE-CUTT SHINGLES WILL HAVE A NUMBER STAMPED ON THE SHINGLE. ARRANGE THESE SHINGLES AS SHOWN TO GET DESIRED RESULTS. (FULL SHINGLES ARE NOT NUMBERED)

- WORK RIGHT TO LEFT WHEN INSTALLING SHINGLE COURSES.


NOTE NAIL PLACEMENT: ONE NAIL ON EACH END OF SHINGLES AND ONE NAIL OVER EVERY RAIN SLOT. USE DIMENSIONS ABOVE FOR NAIL LOCATIONS.

NOTE: SOME NAILS ARE'NT SHOWN IN THE FIRST COURSE IN THIS PRESENTATION.

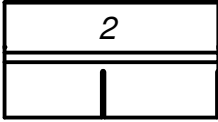


**IMPORTANT NOTE:** SHINGLE #1 STARTS APPROXIMATELY 5 1/4" ABOVE THE BOTTOM EDGE OF THE PRIOR SHINGLE.

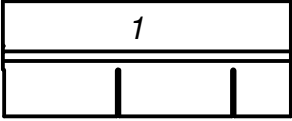
(19) **FULL - ASPHALT SHINGLE 12 x 36**



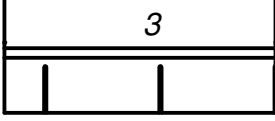
(7) **2 - ASPHALT SHINGLE 12 x 22.25**



(5) **1 - ASPHALT SHINGLE 12 x 30**



(6) **3 - ASPHALT SHINGLE 12 x 28.25**



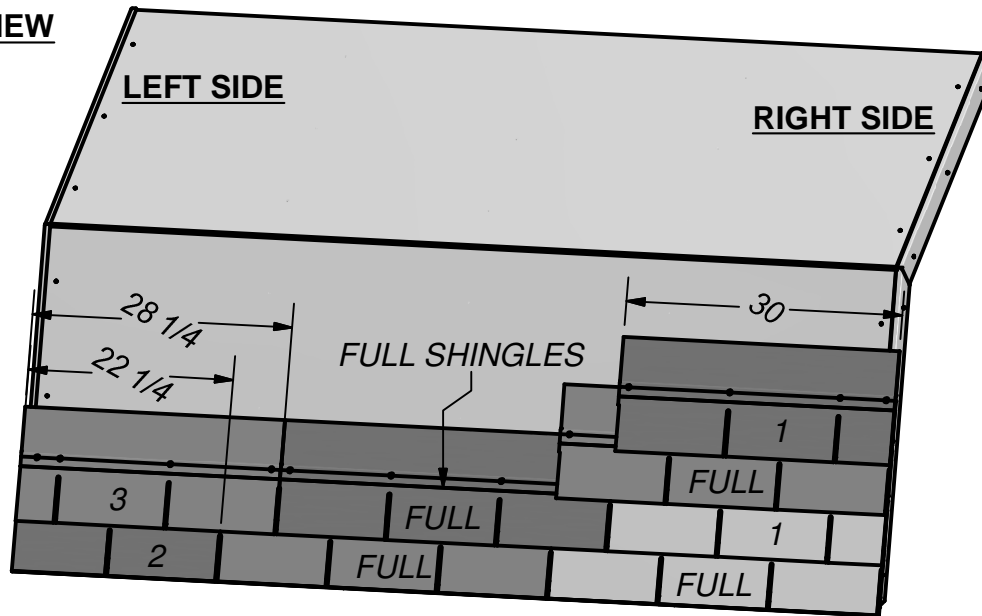
(141) **- 7/8" ROOFING NAIL GALV. - H100446**



## **FINISH SHINGLE COURSES**

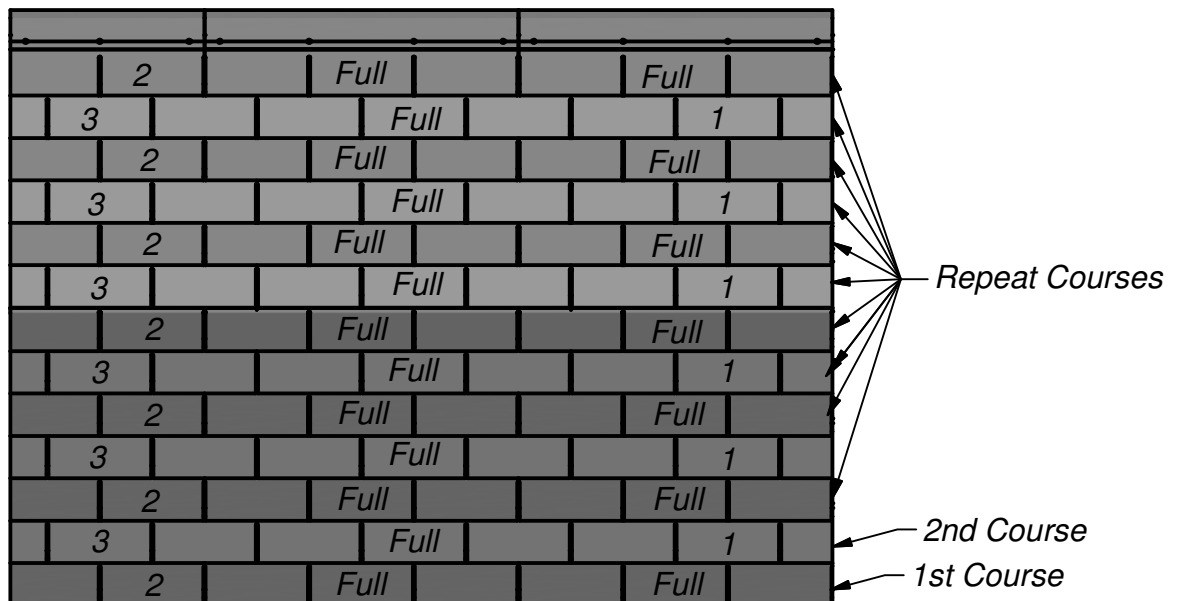
• CONTINUE PLACING SHINGLES AS SHOWN USING THE NUMBERS ON THEM TO DETERMINE PLACEMENT.

### **SIDE VIEW**



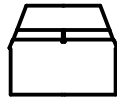
• REPEAT COURSES 1 & 2 ALL THE WAY UP THE SHED UNTIL YOU REACH THE PEAK AS SHOWN BELOW.

### **SIDE VIEW**





(1) - RIDGE CAP 9.25



(1) - SHINGLE CAP 5 x 11.625

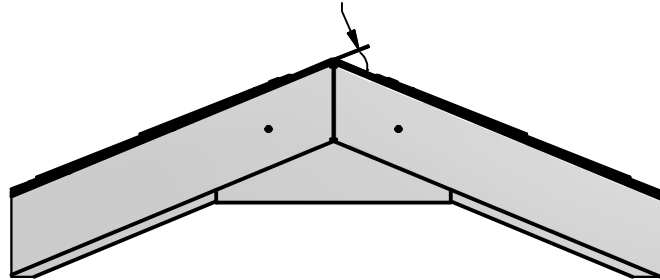


(38) - 7/8" ROOFING NAIL GALV. - H100446

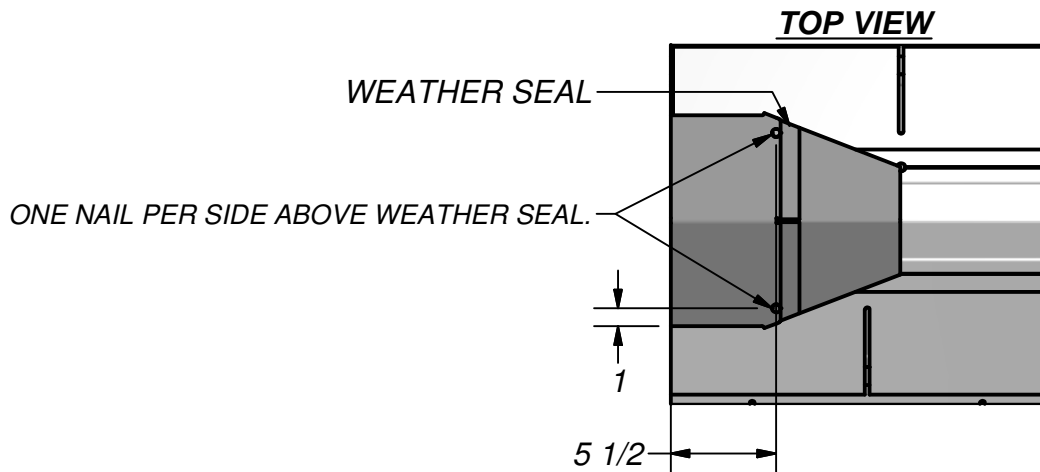
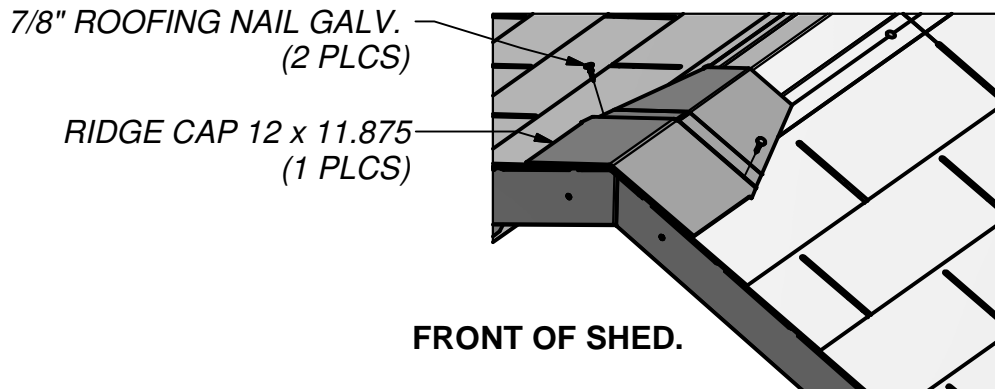
(17) - RIDGE CAP 12 x 11.875

## **RIDGE CAP INSTALLATION**

- IF NEEDED BEND EXCESS SHINGLES OVER PEAK BEFORE STARTING ON RIDGE CAPS.



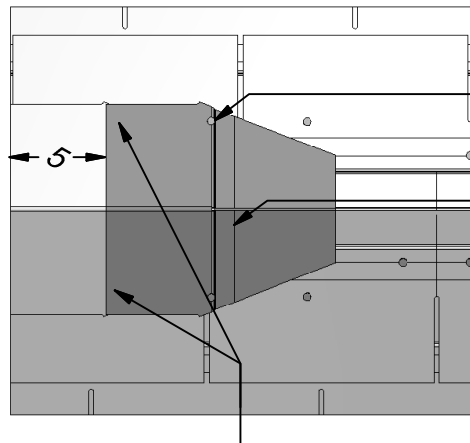
- **INSTALL FIRST RIDGE CAP FLUSH WITH SHINGLES BELOW AS SHOWN. START AT THE FRONT OF YOUR SHED AND WORK TOWARDS THE REAR.**



# SHINGLES - RIDGE CAP

- Install ridge caps 5" back, as shown.

FRONT OF SHED.



7/8" ROOFING NAIL GALV.  
(2 PLCS)

RIDGE CAP 12 x 11.875  
(1 PLCS)

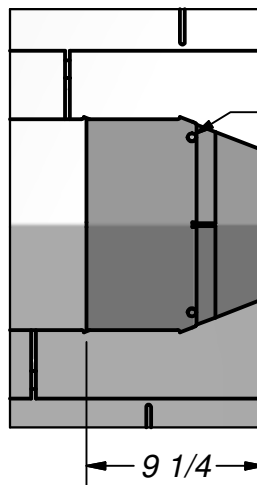
REPEAT THIS STEP  
(15 TIMES)

NOTE: NAILS ARE COVERED BY NEW RIDGE CAPS.

- Install last ridge cap 5" back as shown, it should be flush with the back of your shed.

## TOP VIEW

FRONT OF SHED.



7/8" ROOFING NAIL GALV.  
(2 PLCS)

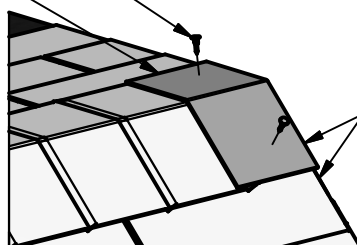
RIDGE CAP 9.25  
(1 PLCS)

NOTE: THIS IS THE ONLY SHORT 9 1/4"  
RIDGE CAP, IT WAS SPECIALLY DESIGNED  
FOR THE REAR OF YOUR SHED.

- Install 5" Cap as shown. It should be flush with the back of your shed and cover up the nails from the prior step.

7/8" ROOFING NAIL GALV.  
(2 PLS)

SHINGLE CAP 5 x 11.625  
(1 PLS)



WHEN FINISHED USE  
PROPER ROOF COATING  
MATERIAL AROUND NAILS  
TO PREVENT LEAKS.

FLUSH

- You have finished your ridge cap.

# OPTIONAL - LOFT CONFIGURATION



(2) LP1 - LOFT PANEL - W2A02124



(4) - SUPPORT BOARD - W4L07668  
5/8"x3 3/8"x22 1/8" (16x86x562)

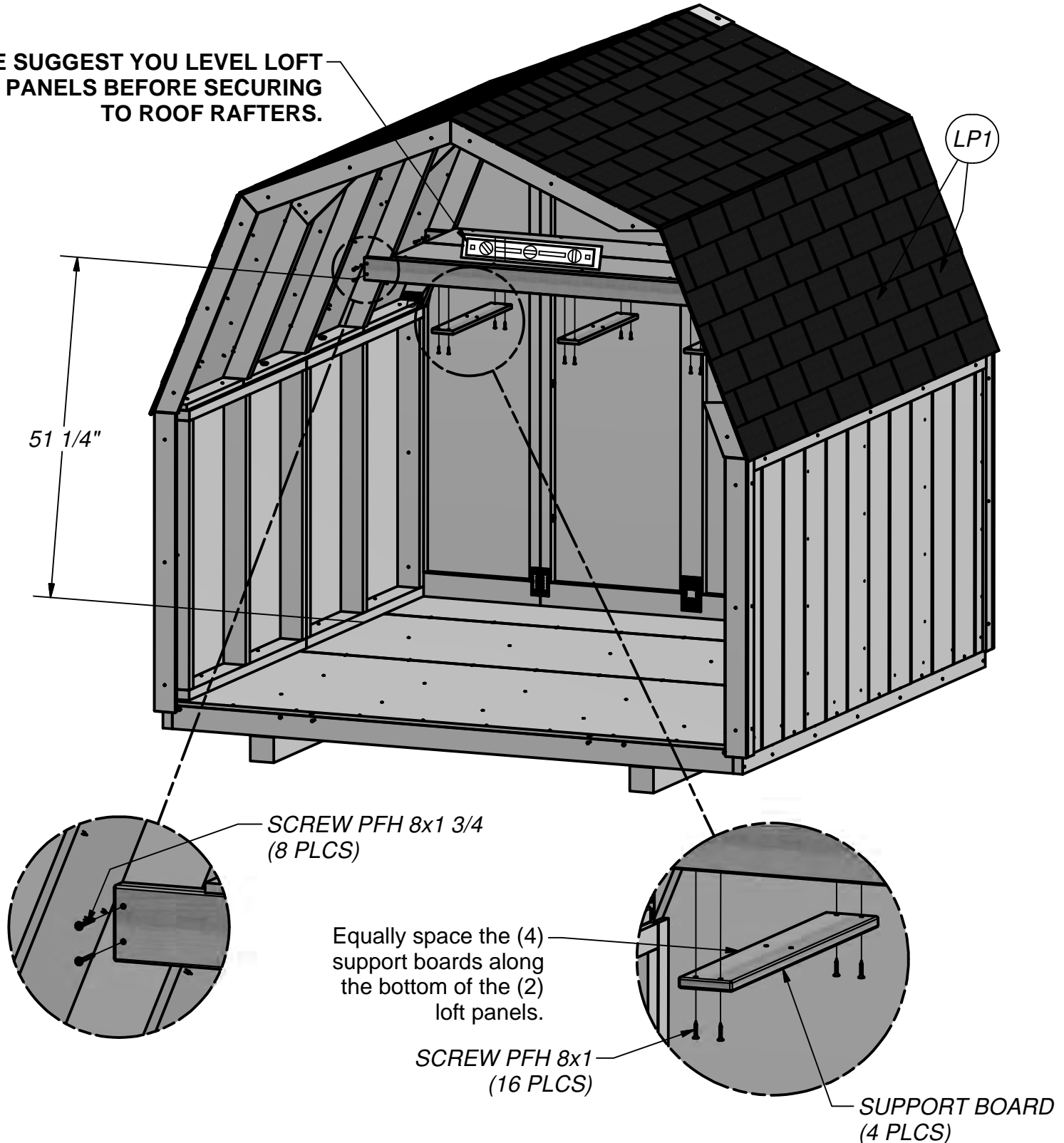


(16) BN - SCREW PFH 8x1 - H100085



(8) BS - SCREW PFH 8x1 3/4 - H100089

WE SUGGEST YOU LEVEL LOFT  
PANELS BEFORE SECURING  
TO ROOF RAFTERS.



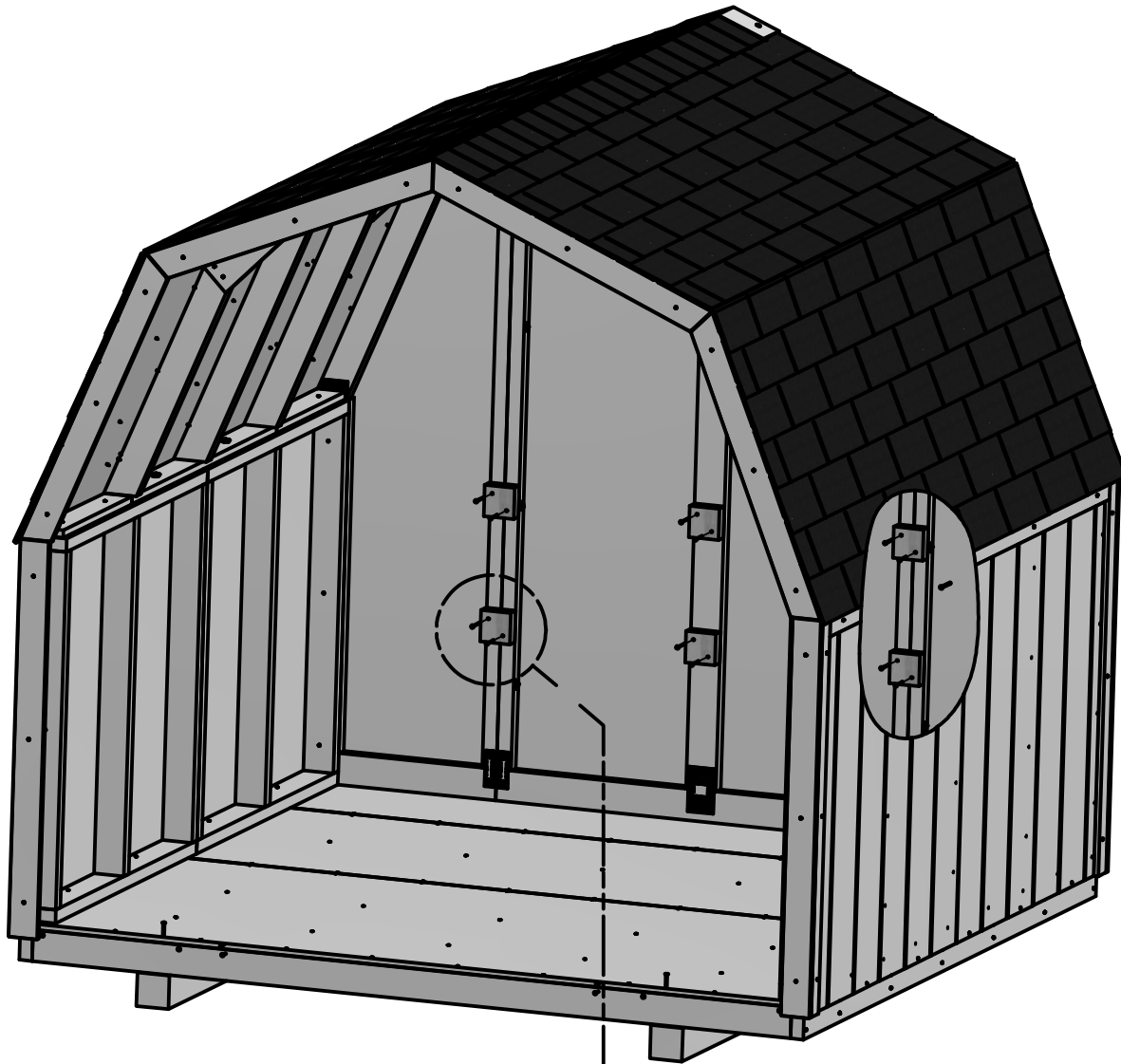
# OPTIONAL - SHELF CONFIGURATION



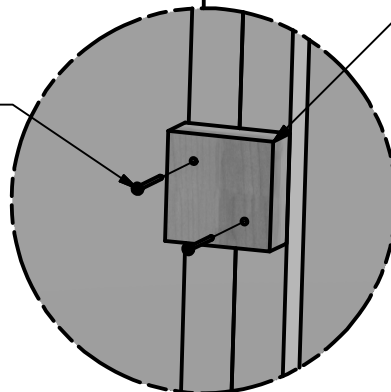
(6) - SUPPORT BLOCK - W4L07669  
1 1/2"x3 1/2"x3 1/2"



(12) BV - SCREW PFH 8x2 1/4 - H100091



SCREW PFH 8x2 1/4  
(12 PLCS)



SECURE SUPPORT (6) BLOCKS  
IN DESIRED HEIGHT LOCATIONS  
NO HIGHER THAN 43".



# OPTIONAL - SHELF CONFIGURATION CONTINUED



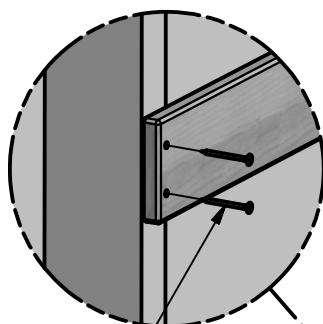
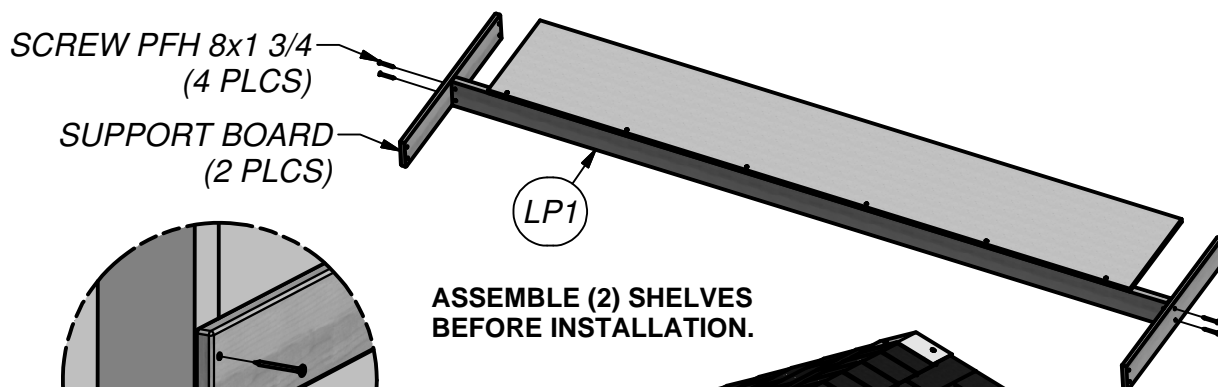
(2) LP1 - LOFT PANEL - W2A02124



(32) BS - SCREW PFH 8x1 3/4 - H100089

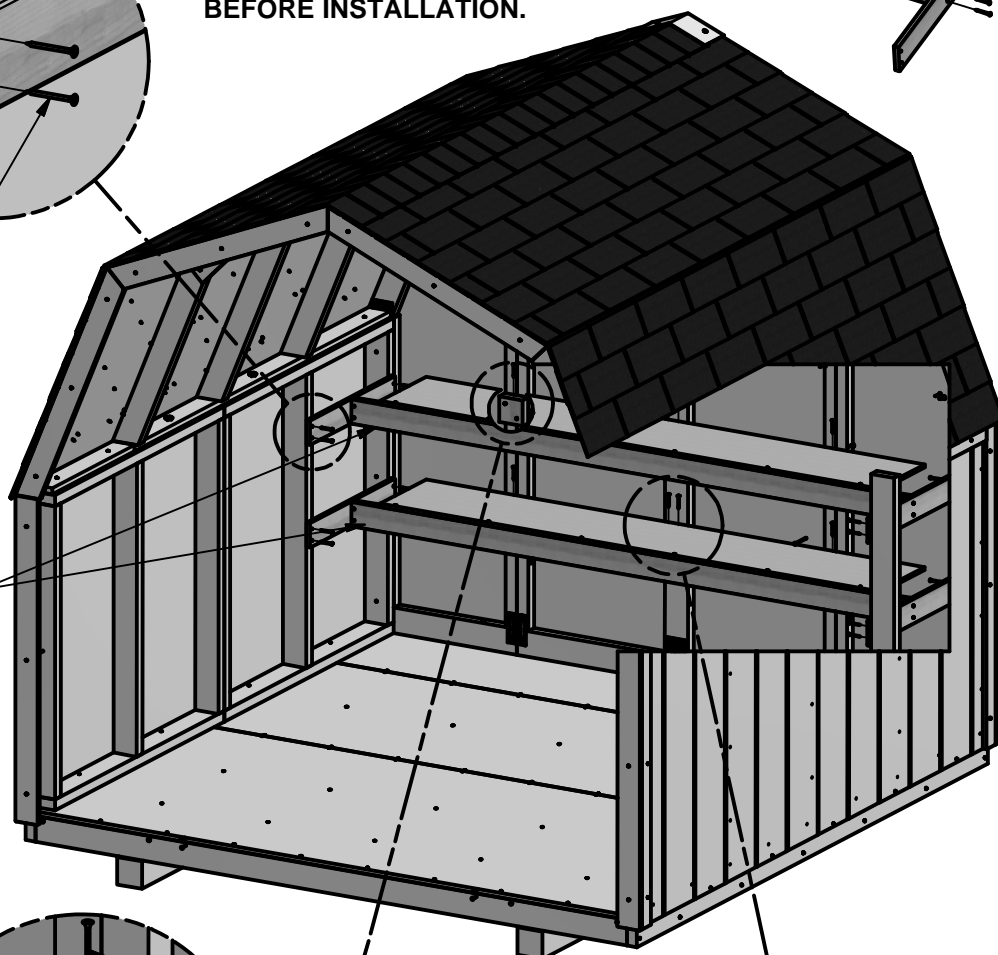


(4) - SUPPORT BOARD - W4L07668  
5/8"x3 3/8"x22 1/8" (16x86x562)



SCREW PFH 8x1 3/4  
(16 PLCS)

LEVEL SHELF PANELS BEFORE  
SECURING TO WALL STUDS.



SCREW PFH 8x1 3/4  
(8 PLCS)

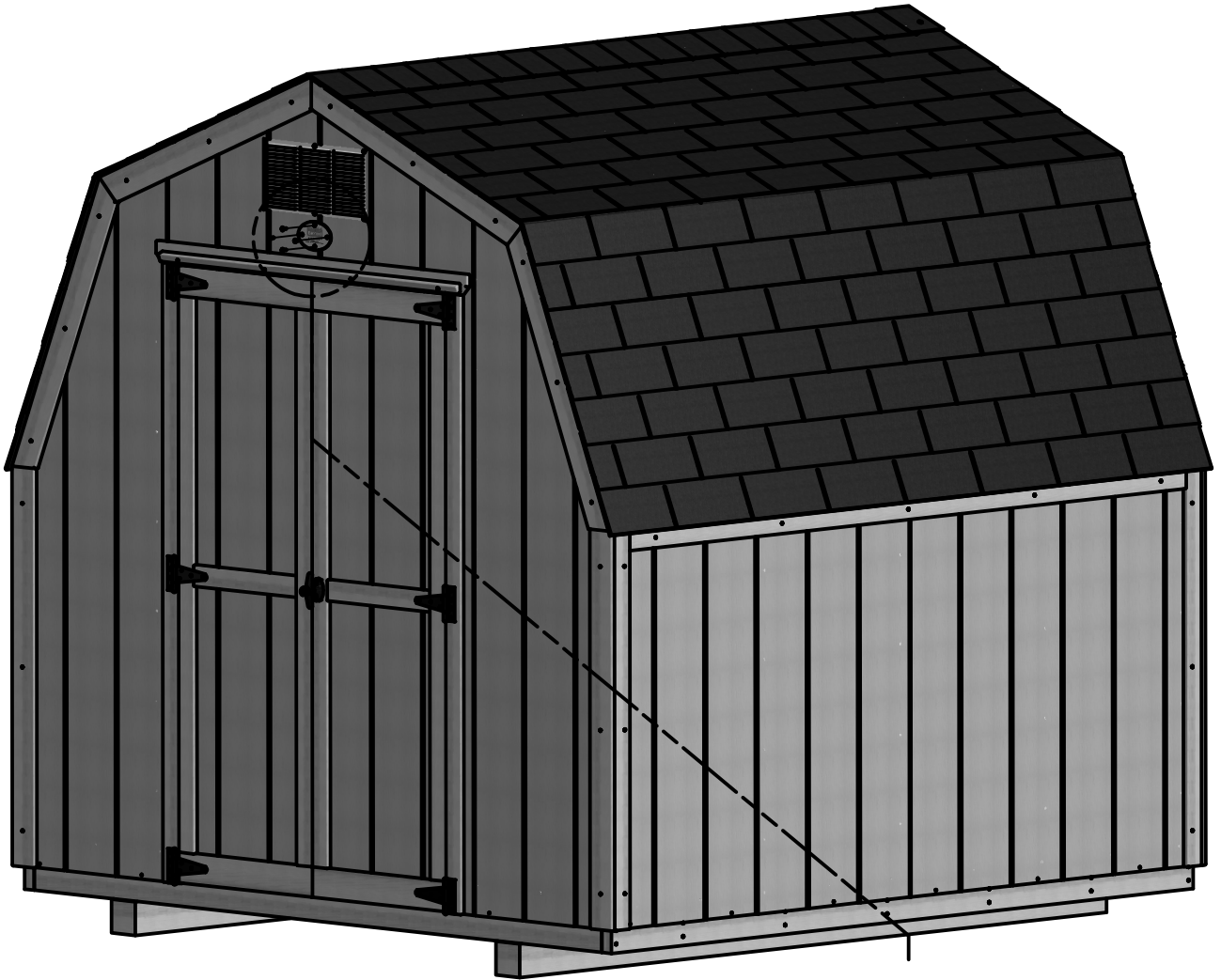
SUPPORT BLOCK  
(Assembled in previous step)

# BRANDING PLATE INSTALLATION



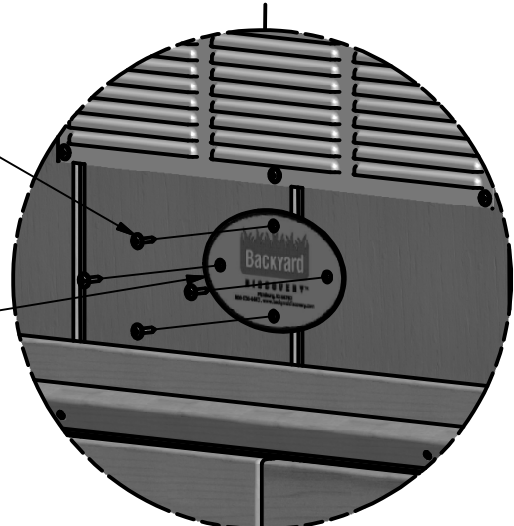
(1) MX - BYD ID TAG (MEDIUM) WITHOUT AGES - A100240

(4) CY - SCREW PWH 8x5/8 - H100128



SCREW PWH 8x5/8  
(4 PLCS)

BYD ID TAG (MEDIUM) WITHOUT AGES



# Post Installation FAQs

## **Shingles Aren't Laying Flat**

This is a normal condition. Please allow a minimum of (2) full weeks of temperatures above 60° F for shingles to seal.

## **Subfloor Sheathing**

Small gaps between subfloor sheathing sheets are a normal aspect of construction. You may caulk gaps to fill and seal them if you wish. Floors may also be painted for additional protection and appearance. Consult with a professional paint and caulk supplier for recommendations.

## **Spring Latches Do Not Function Properly**

Spring Latches can become misaligned due to building settling. The building can be re-leveled or adjustments can be made to the Spring Latches. To adjust, loosen all but (1) mounting screw and rotate it slightly until the latch pin is aligned with the hole, then re-install the screws.

## **My Door Handle Is Loose**

The handle on the inside of your door may come loose over time. To tighten or re-install the handle, tighten the set screw onto the flat surface of the square shaft using an Allen wrench. A small amount of lubricant spray may help with a sticky lock.

## **Leveling Your Building**

Your building is leveled but over time it may settle causing the doors to function improperly. Relevel structure as needed.



## Backyard Discovery Sheds 15 Year Limited Warranty

This Limited Warranty by Backyard Discovery applies to Products manufactured under the Backyard Discovery brand.

Backyard Discovery warrants this product is free from defects in material and workmanship for a period of fifteen (15) years from the original date of purchase. This fifteen (15) year warranty covers all parts including wood, hardware, and accessories. All wood carries a fifteen (15) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within 30 days from date of purchase found to be missing from or damaged in the original packaging.

### Pro-Rated Part Replacement Schedule

#### Product Age

##### **ALL PARTS**

0-30 days from date of purchase.

31 days to 1 Year.

#### Customer Pays

\$0 for Parts and the Shipping is Free.

\$0 for Parts and customer pays for shipping.

#### **Wood Rot and Decay Only**

0-5 Years.

6-10 Years.

11-15 Years.

Over 15 Years.

\$0 for Parts and the Shipping is Free.

20% for Parts and customer pays for shipping.

40% for Parts and customer pays for shipping.

100% for Parts and customer pays for shipping.

This warranty applies to the original owner and registrant and is non-transferable. Regular maintenance is required to assure maximum life and performance of this product. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner's Manual.

#### **This Limited Warranty does not cover:**

- Labor for any inspection.
- Labor for replacement of any defective item(s).
- Incidental or consequential damages.
- Cosmetic defects which do not affect the performance or integrity of a part or the entire product.
- Vandalism, improper use, failure due to loading or use beyond the capacities stated in the applicable assembly manual.
- Acts of nature including but not limited to wind, storms, hail, floods, excessive water exposure.
- Improper installation including but not limited to installation on uneven, non-level, or soft ground.
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect the performance of the integrity of the product.

Backyard Discovery products have been designed with safety and quality in mind. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Modifications void any and all warranties and Backyard Discovery assumes no liability for any modified products or consequences resulting from failure of a modified product.

This product is warranted for RESIDENTIAL USE ONLY.