

## Assembly Instructions

### Round-Top Chicken Loft<sup>™</sup>



**Help Text-line:** 512-596-5200  
**EMAIL:** [support@roostandroot.com](mailto:support@roostandroot.com)

**VOICE:** 877-741-2667  
Assembly Support ext 3



**You Tube**  
**Assembly**  
**Overview...**

Use your phones camera to read QR Code.  
Representation of procedure... not instructions.  
These instructions will always contain the  
latest iterations of the coop you bought.



Shown With Optional Waterer & Feeder

**Start Here!**



• Keep an eye out for this symbol...

We try to write instructions that work for both visual and verbal learners. Pictures supplement words and words supplement pictures. These written instructions, as provided with your purchase, will always be the latest iteration of the instructions and match the coop shipped and provide the most complete up-to-date information.

We depend on feedback about our instructions to implement changes to future versions. Please know that we value your input to that ongoing process and endeavor to produce instructions that are as effective as possible for a wide variety of customers.

## **Keep these things in mind during assembly...**

*Understanding these concepts / conventions will help guide you through the instructions.*

- Mating edges of parts to be flush and tight (when called for) will keep measurements in tolerance as the coop grows in size.
- Having a flat area is required for the coop to assemble properly.
- We estimate about 2 hours for a team of 2 people of ordinary skills to assemble.
- You will need a drill (preferably cordless) a tape measure, and a hammer. Everything else is provided.
- Drive screws only deep enough to hold parts tight and not bury the heads too deeply as water will sit in the divots and it may cause softening of the wood and prematurely loosen screws. It will also greatly decrease your ability to easily disassemble a part if needed.
- You may end up directly driving in a screw. Our screws are very aggressive and will drive with no pre-drilled hole. Keep screw entry points in the meat of the wood and not too close to edges. Screws in knots or close to edges should be pre-drilled.
- Rough Cedar may have knots, cracks or frays that are normal. We cull and cut around most imperfections we deem structurally problematic during fabrication. If you get a piece that you feel is not beautiful, please let us know so we can address your concern.
- We hand fabricated your coop with human carpenters. We work really hard to not make mistakes. In the rare occasion that we either misfabricated a part, a part was damaged in shipping, or we forgot to package a needed part, contact us and we will ship out a replacement part for you at no cost.
- We recommend dirt floors in the runs of coops. A trimmed rubber mat or cardboard can be placed in the bottom of egg boxes and you may wish to put pine shavings or shredded junk mail in them. They are left wired so they can be cleaned in the event of a broken egg.

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**Assembly Notes**

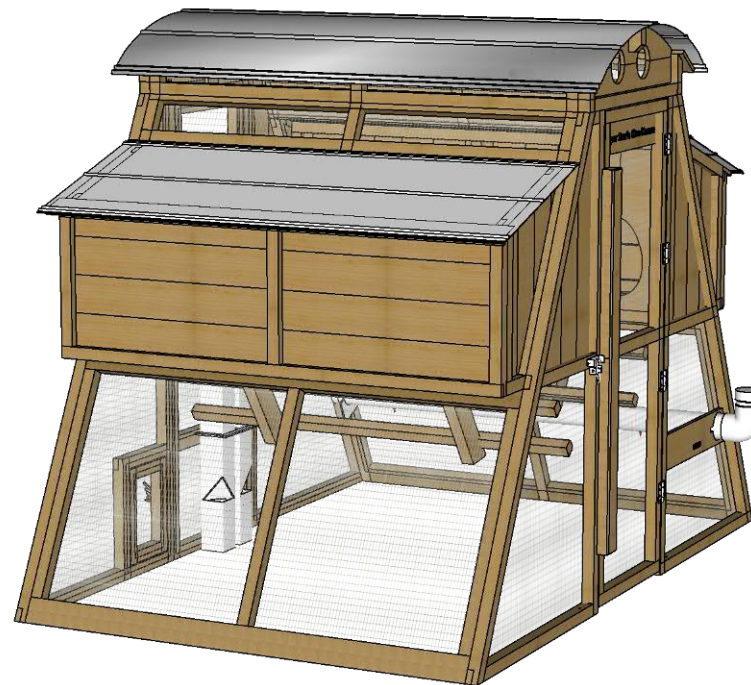


Front



You can swap eggbox and roost sides to your liking.

Left (North)

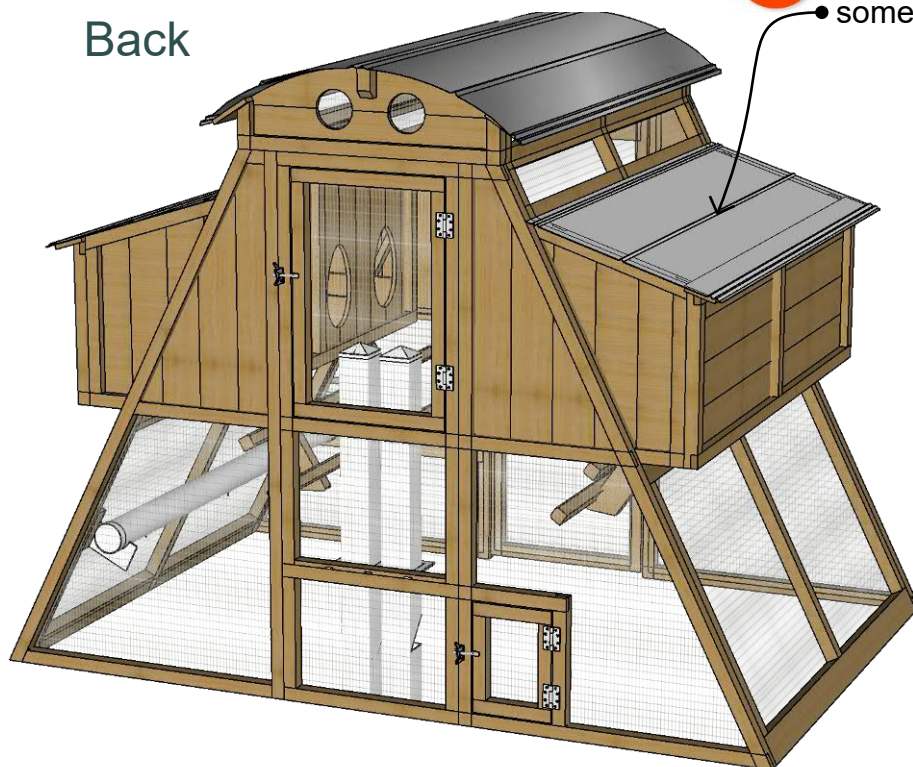


Best if roost side faces north if you live somewhere that freezes frequently.

Right



Back



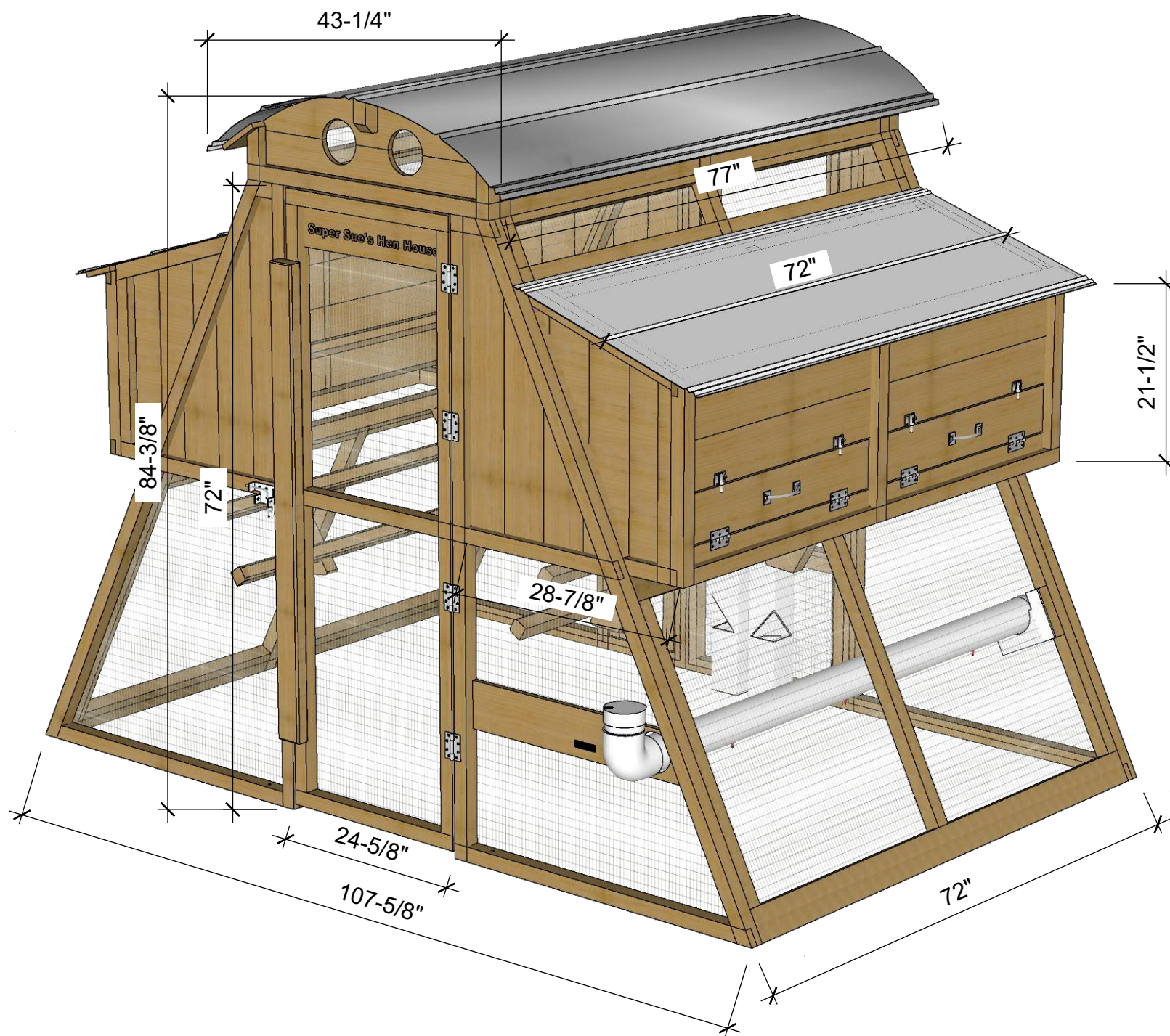
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Orientation









## Written Parts List

Your new coop is in pre assembled sections making it easier to assemble and comprising of far fewer pieces than our traditional "Kit" coops.

A1 Tool Kit	A12 Jump Bar Assemblies (2)
A2 Front Left	A13 3 Plastic Dropping Boards
A3 Front Right (waterer panel)	
A4 Rear Right	
A5 Rear Left (door)	<b>Roof Parts</b>
A6 Front Door Assembly	B1 Top Sides (2)
A7 Bottom Side Left	B2 Top Eave Boards (4)
A8 Bottom Side Right (water)	B3 Top Mid-Roof Support
A9 Back Mid Panel	B4 Arcs (2)
A10 Roost Area Assembly	B5 Top Roof Metal (2)
A11 Egg Box Area Assembly	B6 Roost & Egg Box Roof (2)
	B7 Roost & Egg Box Eaves (2)

### Optional

C1 Feeders & Caps (2)  
C2 Feeder Bracket  
C3 Feeder Bracket Retainer  
C4 Waterer & Cap  
C5 Waterer Bracket  
C6 Poultry Nipple Kits (3)

C7 Storm Panel Kit



## Please Be Careful



**Coop is designed to be assembled by two people of ordinary skill.**



Any roof metal and flashing can have sharp edges. We attempt to knock off sharp corners and edges from roof metal. You must be the final determiner of sharp edges. A standard metal file from your hardware store, or metal snips, can be used to make edges to your standards. You may choose to wear a pair of work gloves while handling roof metal.



Spending the time up front to identify all the parts and lay them all out will pay off in the long run and make assembly go more smoothly. The instructions are intended to be read in page order as, the information builds in that way, then referenced during assembly. Pre-reading the instructions will help immensely.



Be careful not to get caught in coop. Children should not play in coop as the doors are not designed to allow exit from the inside.



## More about your new coop!

### Care:

You can seal your coop if you wish. You should use a low VOC water based product. You can have color added to these products too...like painting, but its a wood stain that lets the wood breathe. We recommend color sealing rather than painting. You paid a premium price for your coop in part to pay for the cedar. It will last outdoors in its natural state for many years, better than almost any other wood. Sealing can keep the wood from going grey. That's the main benefit. Clean wood with mild detergent and water or with a commercially available coop cleaner as needed. Glues used in all joints are completely waterproof and all metal parts are galvanized or have exterior rated coatings. We do not recommend power washing as it damages the cedar.

### Placement:

Easy access to water/feed and clear access to doors is needed. Sunlight is not all bad, and the Galvalume roof does a good job at not transferring heat and provides shade. Sunlight does a good job at disinfecting the ground under the coop. Fifty percent (50%) or more of direct sun is preferred for sanitation and odor reasons. Good air movement around your coop is more important than anything else. The left side should be faced North if at all possible. Remember... High ground is dry ground **For coop doors to open easily over time, the coop must be level.**

### Digging Predators:

The welded wire and cedar frames are stronger than almost any predator less than a bear :) so diggers are the prime nuisance. By far dogs are the most common digger. Other "wild" animals, while more rare, certainly can dig too. If you're worried about diggers, stack heavy block shaped rocks around perimeter of coop to make getting under more difficult. Better yet, bury them around the perimeter just below grade (see addendum). You can also attach a strip of wire that extends out from the bottom rails, and bury below the surface of the soil. We recommend dirt in bottom of coops that has good drainage. Pine shavings, straw or shredded junk mail can be used in laying areas... but is not recommended in the main run areas due to ammonia buildup.

### More About Cedar:

Your coop is built from rough cut Appearance Grade North American Western Red Cedar. Our 2x2's are actually custom milled by Weyerhaeuser. Wood deemed defective is culled during milling, cutting and in fabrication... about 5%-10%. Knots, blemishes, fraying, coloring variations, minor surface cracking, slight warping and periodic worm marks are normal parts of rough cedar. We try to make it to where a reversible part always has a "pretty side" and take care to make the "pretty side" show on all parts. **If you're unhappy with a piece of wood we fabricated into your coop, send us a picture. We want you to love every piece of your new coop. We'll gladly replace any defective part.**

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Parts List & Notices

## Unpacking your new coop...

1. Carefully cut plastic wrap and/or nylon banding that is used to keep pieces together in the semi-crate.
2. Remove any packing materials that are between parts and/or crate sides.
3. Using 2 people, lift out parts and carefully place in close proximity to the area that you plan to assemble the coop.

## A1 Tool Kit Contents

- 2 - Stakes
- 80 - T-25 Brown Screws (extras included)
- 3 - T-25 Gold Screws
- 38 - T-20 Green Screws (extras included)
- 16 - Pan Head Screws (latches - extras)
- 15 - Flat Head Screws (hinges - extras)
- 1 - Bit Holder
- 1 - T-25 Screw Bit
- 1 - T-20 Screw Bit
- 1 - Phillips Bit
- 1 - Bolt Style Gate Latch
- 2 - Gravity Latches
- 3 - Safety Clips
- 3 - Poultry Nipples (optional)
- 1 - Double ended pilot hole bit

Use the crate to brood chicks in until they are old enough to go outside.

Note: Not our great idea, but that of a special customer in Anacortes Washington.



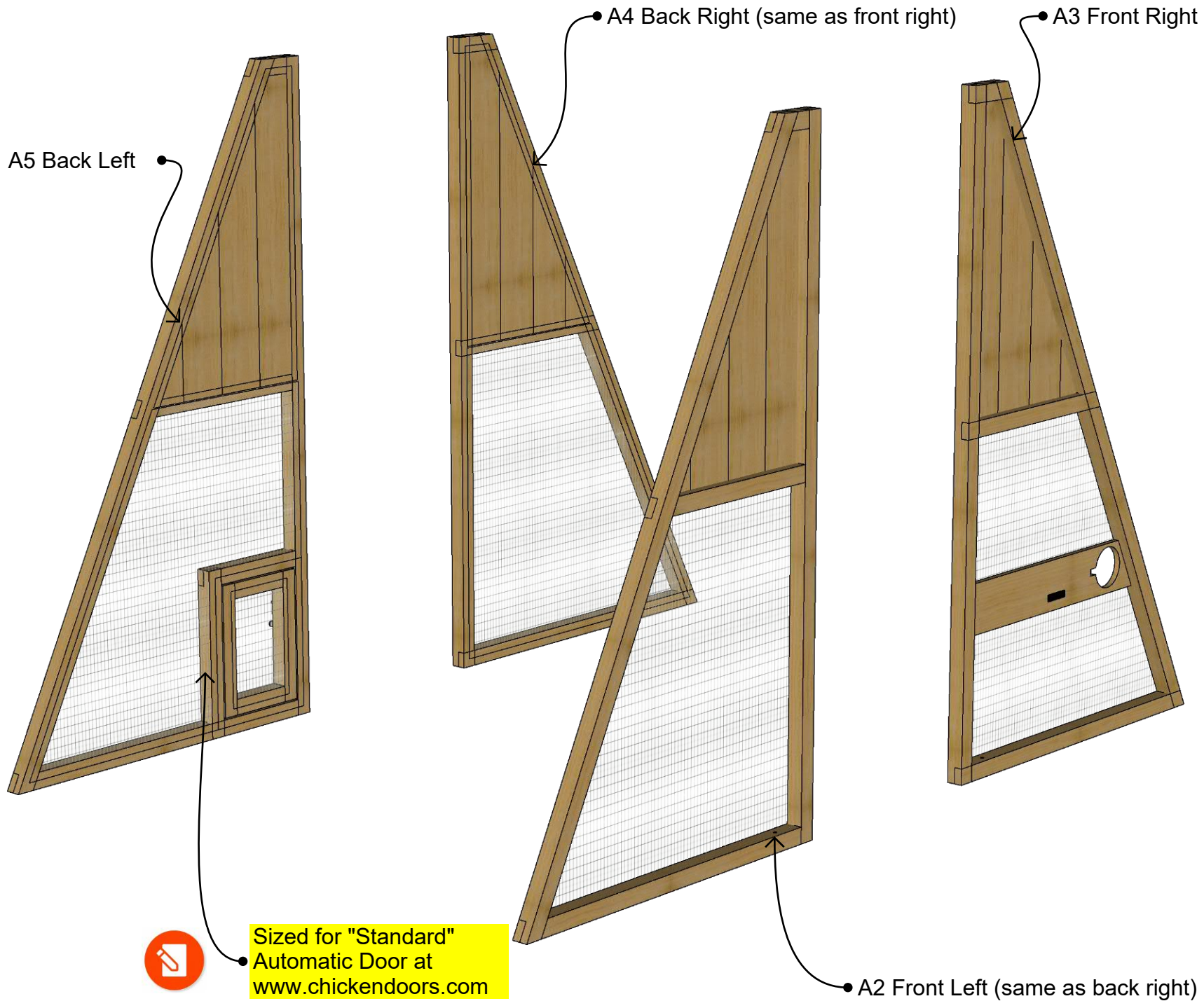
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Unpacking



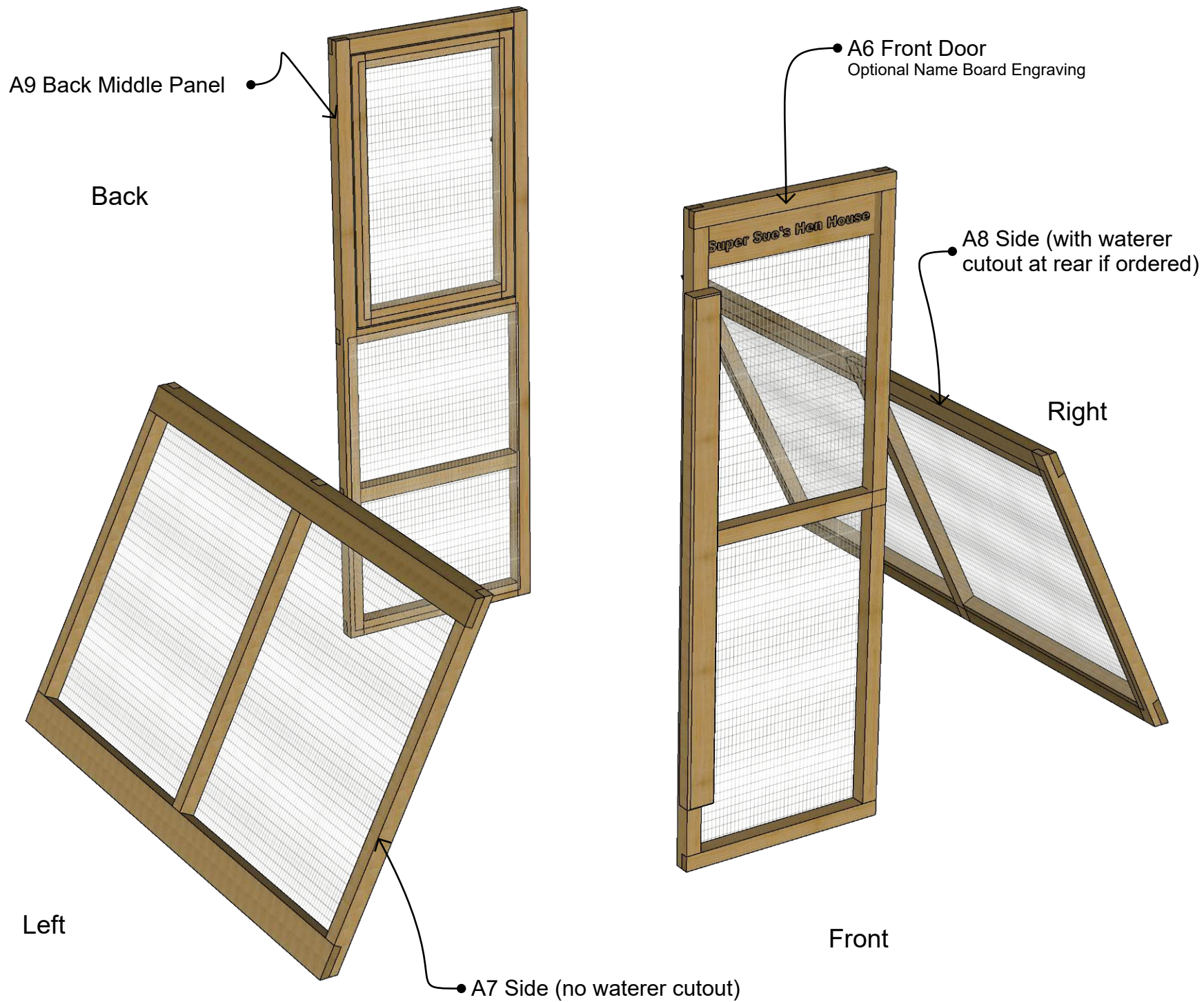
# Triangle Panels



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Parts ID 1 - Triangle  
Panels

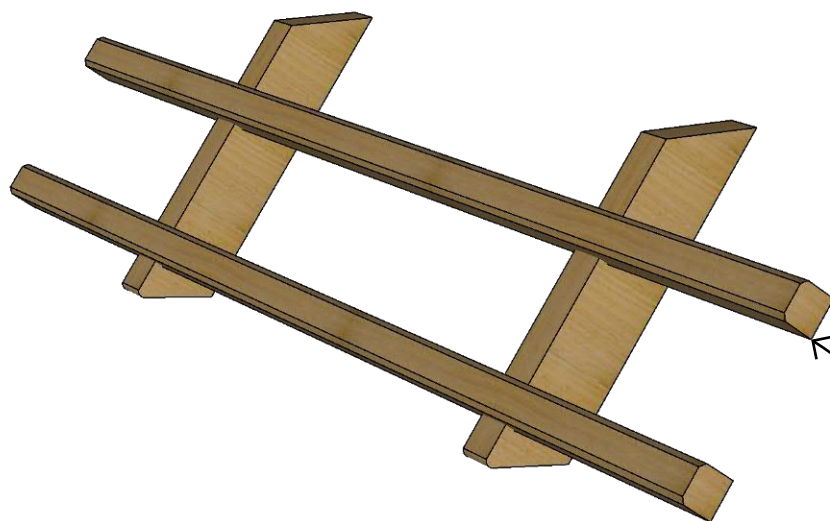
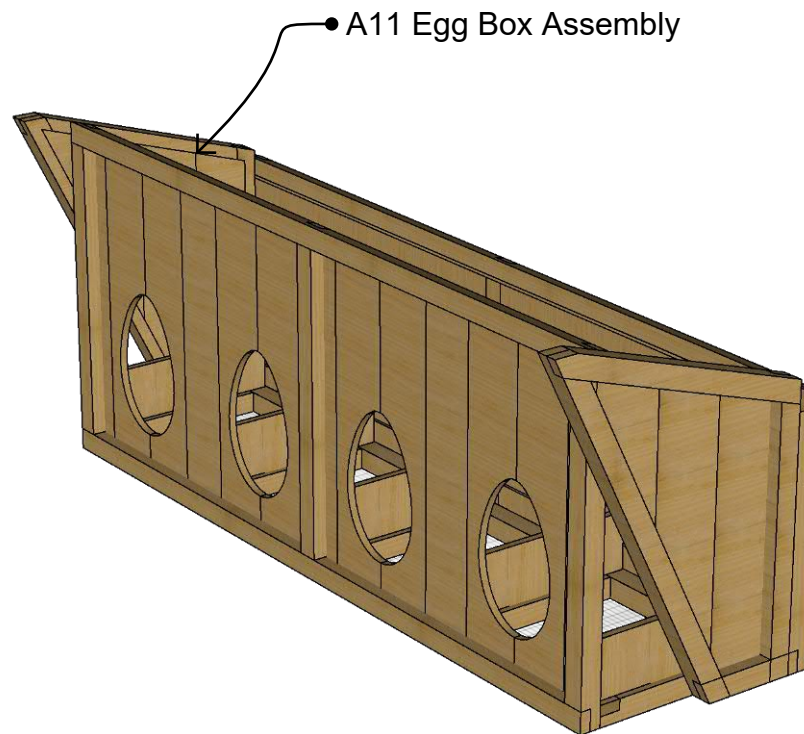
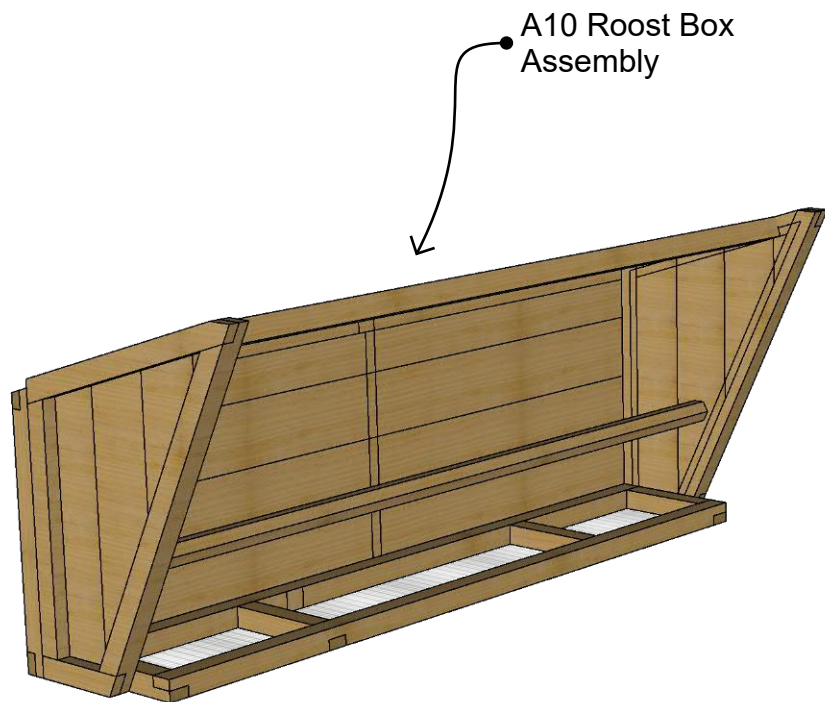


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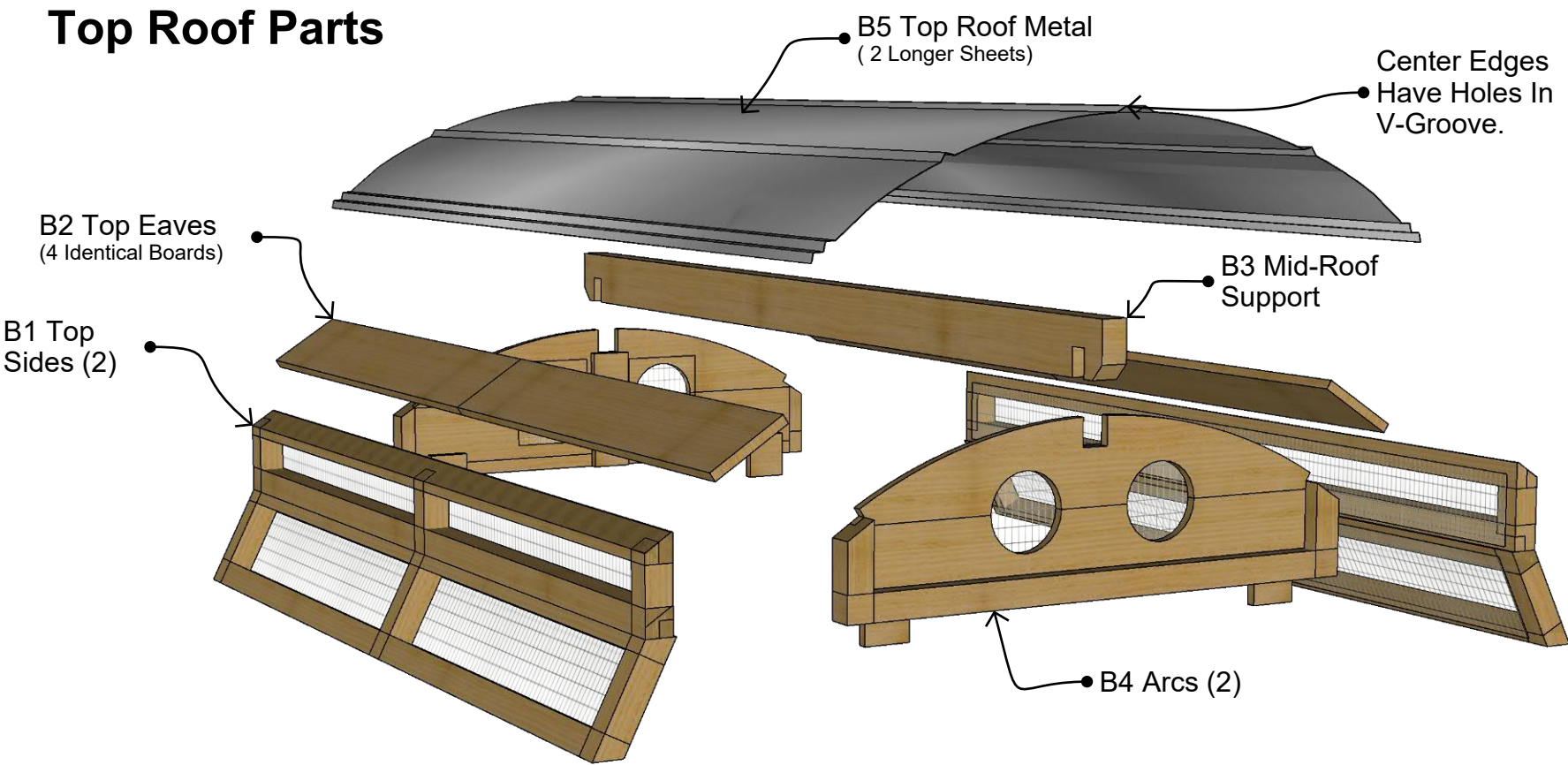
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Parts ID 2 - Back,  
Doors & Sides



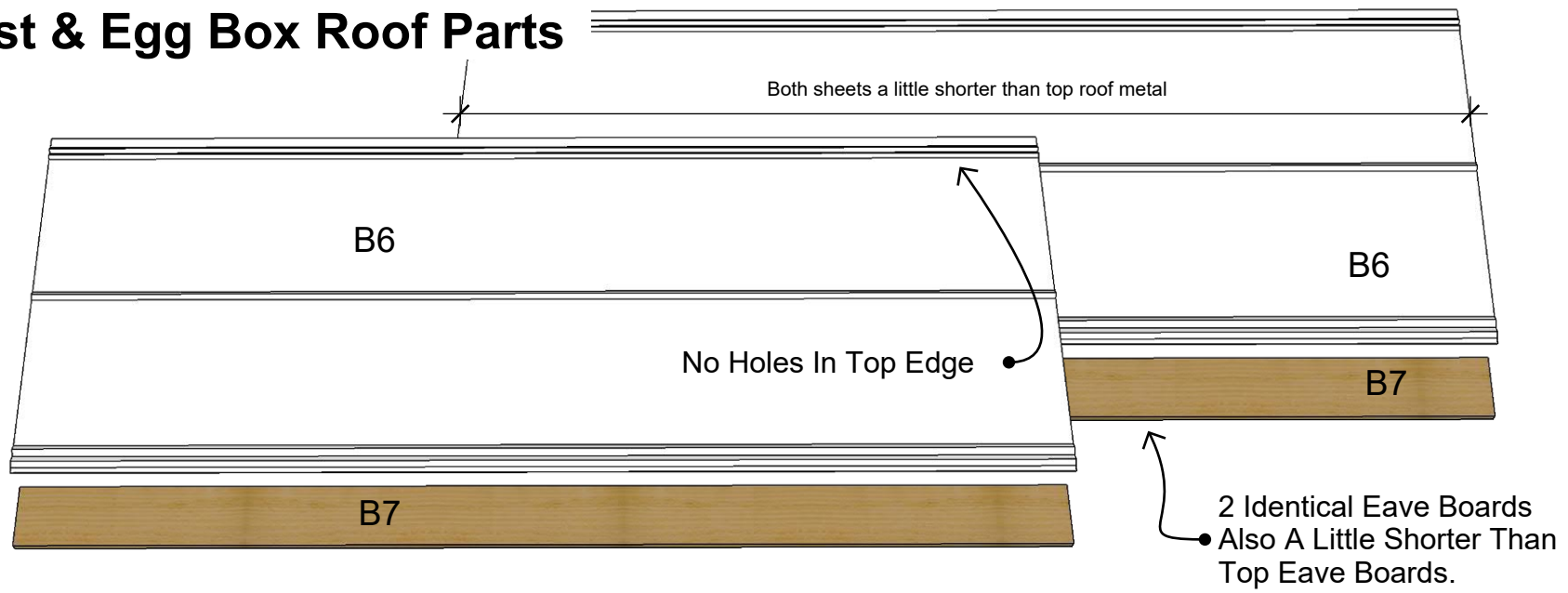


# Top Roof Parts

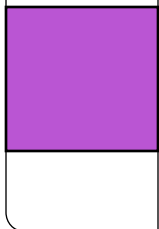
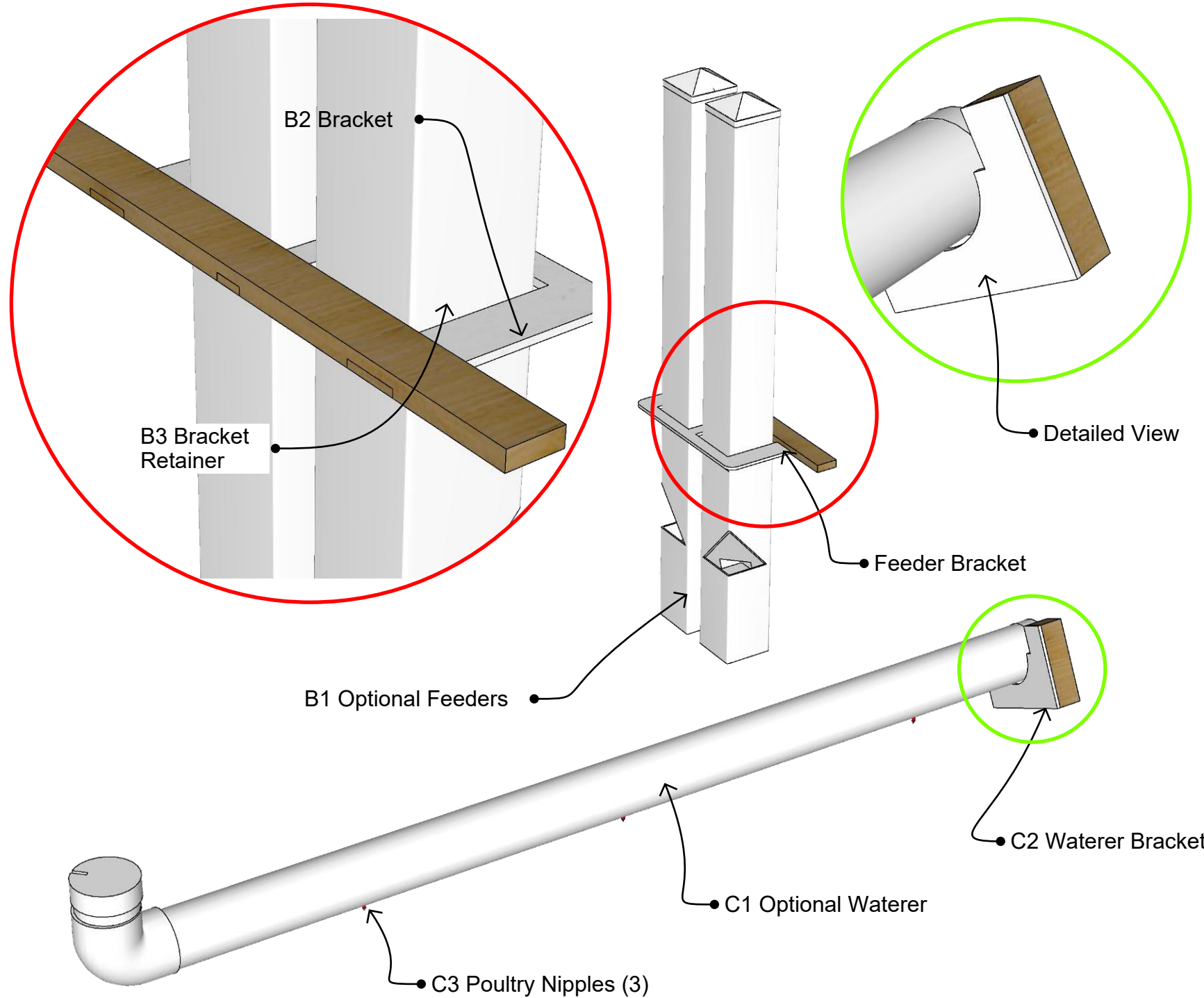


## Roost & Egg Box Roof Parts

2 Sets







# Your Drill



+



Bit Holder

+



T25 Bit

+



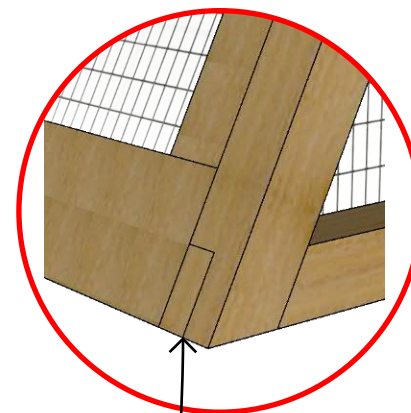
T25 Brown Screw



Green arrows indicate a Brown T25 Screw and its direction.

Order of Assembly

1



Bottom Edges Flush

2

Repeat for the right side too.



to help hold parts during assembly.

3

Position left and right sides more or less about 2 feet apart. Be a little gentle moving them around while partially assembled.

Front

About 2 Feet

Back

A5

A4

A2

A3

A8

Slot In Wire At Back Corner If Waterer Ordered

Flush Edges.

Screws From Inside.

Using brown T25 screws, attach lower sides to front and back as illustrated.

1

A7

All Wire to Inside

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Step 1 - Sides, Front & Back Assembly





**Green arrows indicate a Brown T25 Screw and its direction.**



:-) from now on, its just going to be arrows. You got it by now.



Phillips Bit



Pan Head Screw

### Gravity Gate Latches



Open door and finish installing the 6 screws from inside door frame keeping all edges flush

**3**

**4** Latch

This is the feeder access door if you ordered the optional feeders now, or later.

**2** Find brown screw installed in door frame that holds door in position during shipping and remove.

**x2**  
to help hold parts during assembly.

Remove the shipping screw from the turnout door too and then install the gravity gate latches onto both doors as indicated above.

**4**

**1**

Position the A9 mid back panel between the two back triangles and make bottom and all edges flush. Install lower 8 screws as indicated to hold back section together for next step.

Flush

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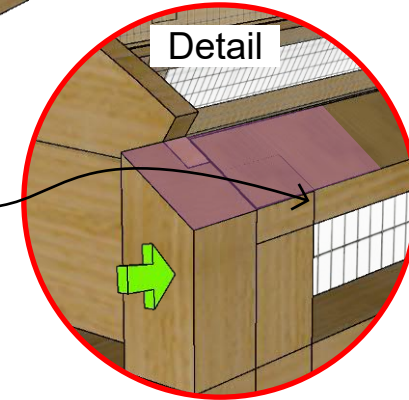
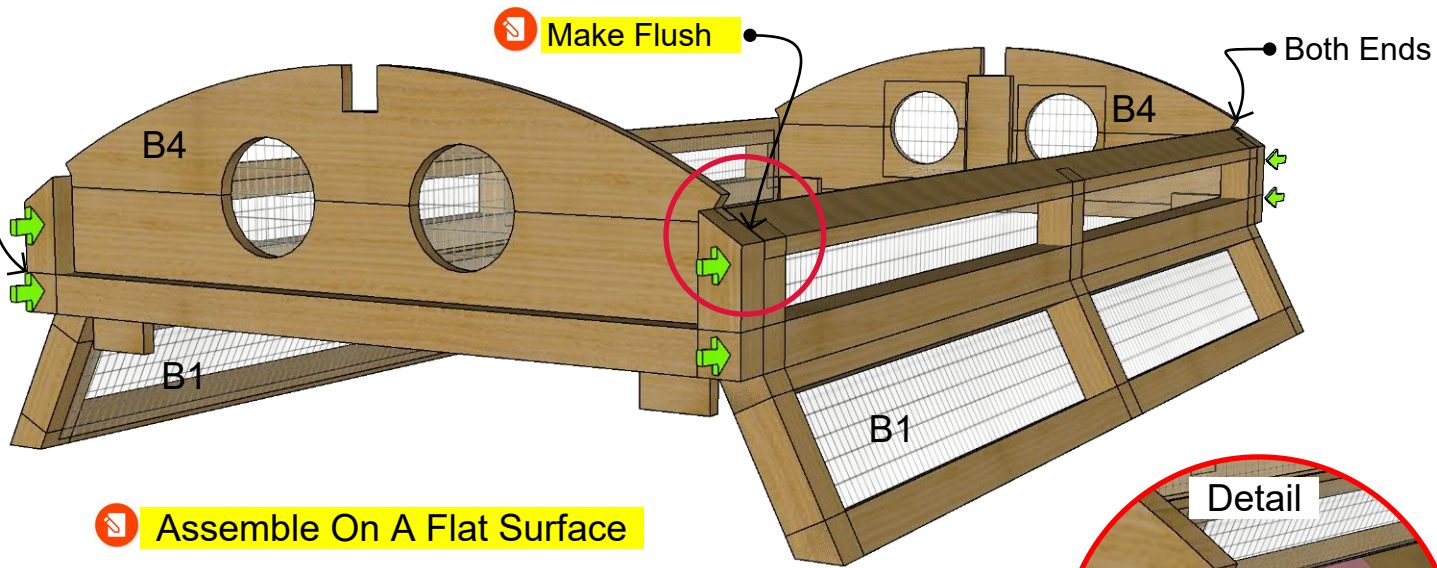
**Step 2 - Attach Back Middle Panel**

Attach B4 Arcs to B1 Sides as Illustrated

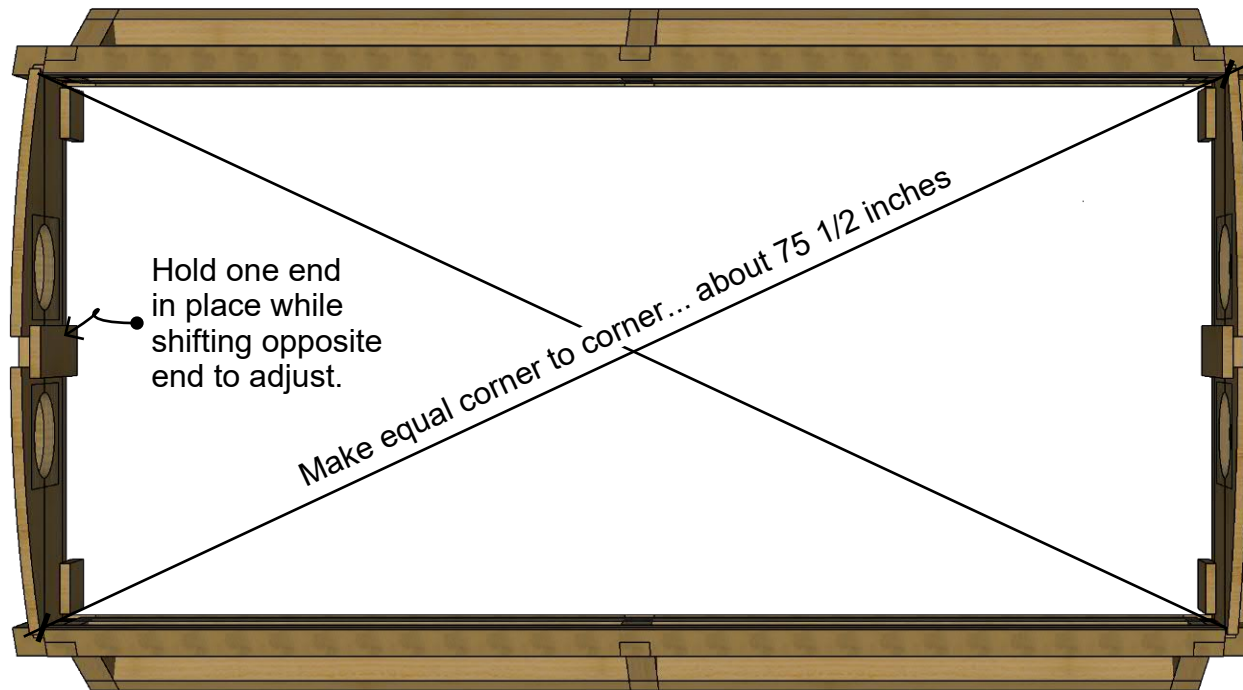
1



to help hold parts during assembly.



## "Square" Up Roof Frame



2



"Square" up roof frame before next steps by sliding one end back and forth until corner to corner measures equally. A little off is okay, but get it as close as you can to equal.

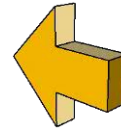
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Step 3A - Build Roof Assembly



Included in your tool kit.



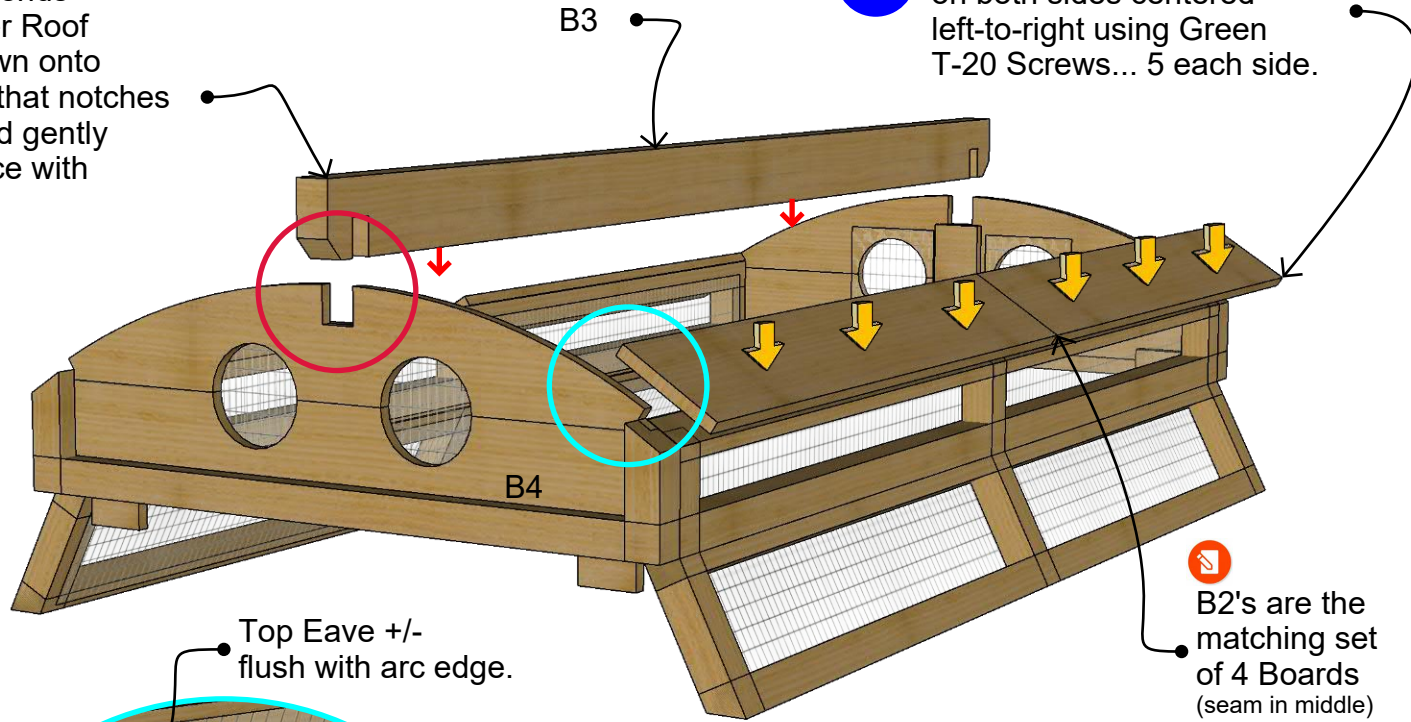
T-20 Bit



T20 Green Screw

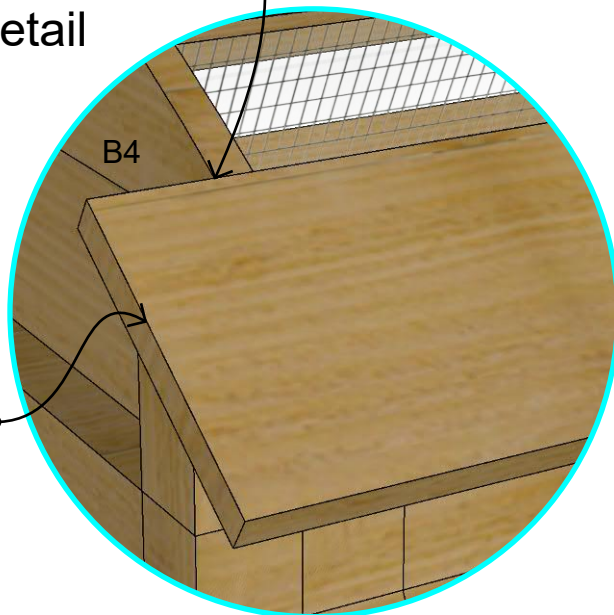


- 1 Lower both ends of B3 Center Roof Support down onto B4 Arcs so that notches interlock and gently tap into place with your hand.
- 2 Install B2 Eave Boards on both sides centered left-to-right using Green T-20 Screws... 5 each side.



B2's are the matching set of 4 Boards (seam in middle)

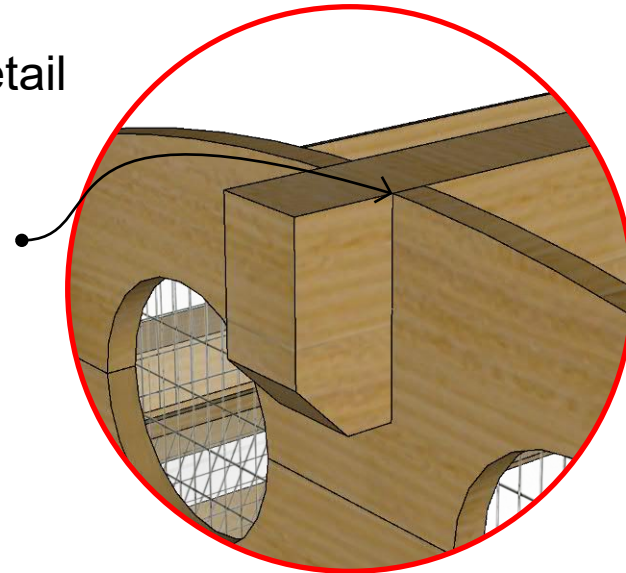
Detail



B2 over-hangs edge of B4 arc same both sides.

Detail

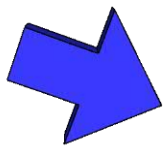
Tapped in until +/- smooth across top edge.



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Step 3B - Build Roof  
Assembly



Bit Holder



Neoprene Clad  
Washer Roof Screw

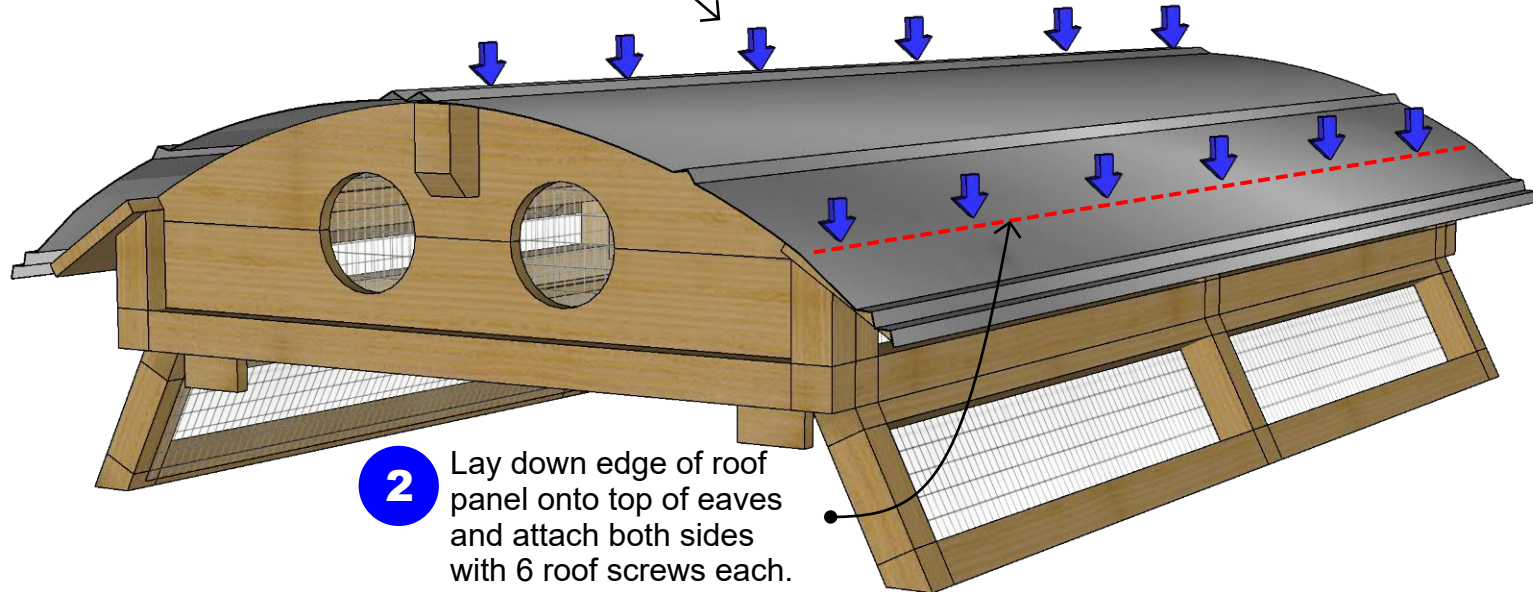


B5 Top Roof Metal are longer sheets with holes in Vee-Grooves on an edge.

Lipped  
Edge  
Down

Center roof panels  
(edges with holes in Vee)  
overlapped on top of  
middle support and  
screw into place with  
6 roof screws.

1



2

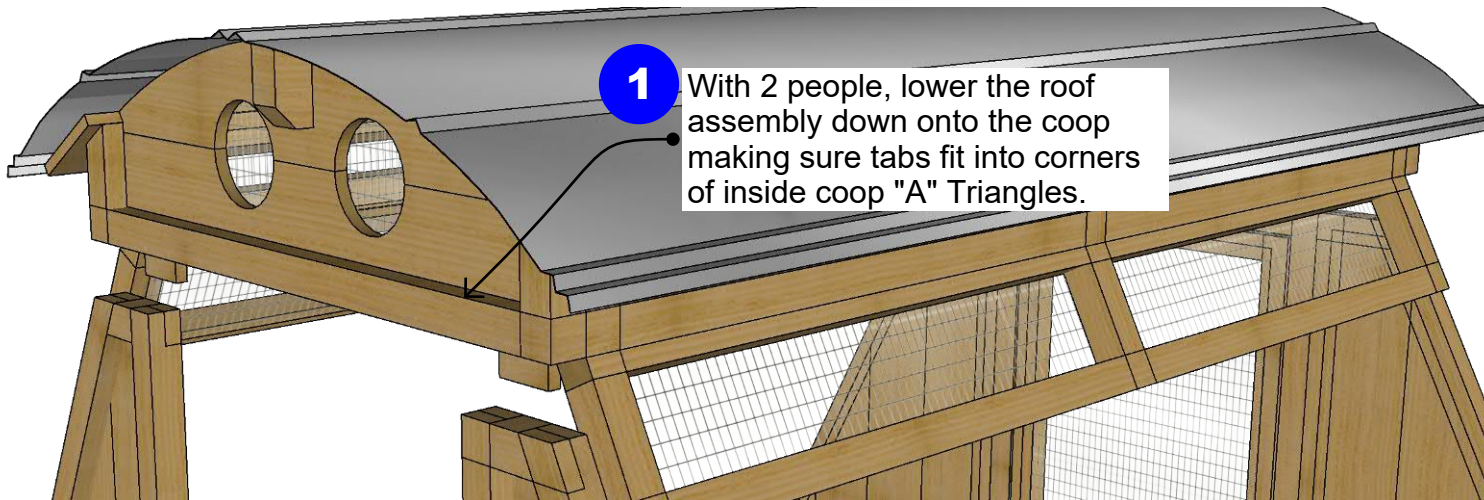
Lay down edge of roof  
panel onto top of eaves  
and attach both sides  
with 6 roof screws each.

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**Step 3C - Build Roof  
Assembly**



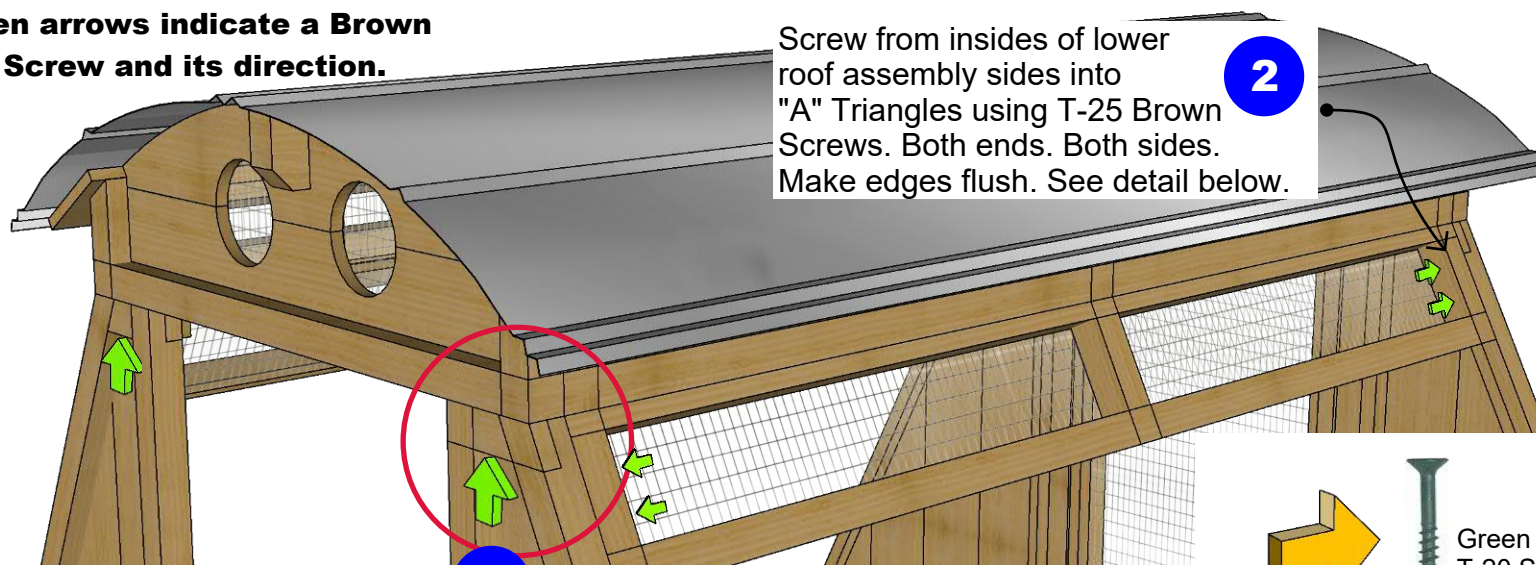


1

With 2 people, lower the roof assembly down onto the coop making sure tabs fit into corners of inside coop "A" Triangles.



**Green arrows indicate a Brown T25 Screw and its direction.**



2

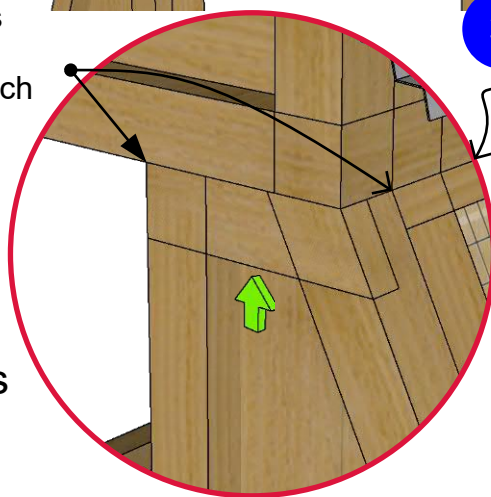
Screw from insides of lower roof assembly sides into "A" Triangles using T-25 Brown Screws. Both ends. Both sides. Make edges flush. See detail below.

Make corners and edges line up as much as possible.

3

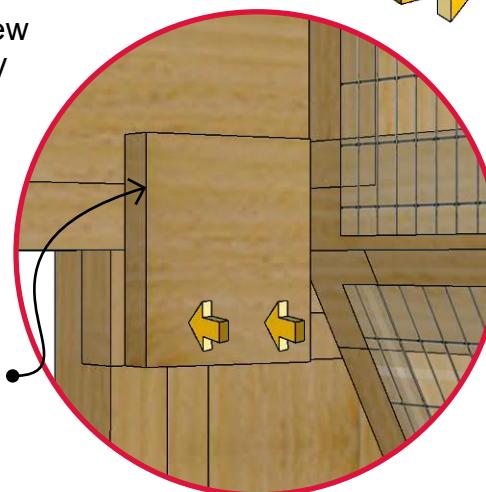
Install a T-25 brown screw up into A1 roof assembly on all four corners.

Details

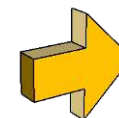


4

From inside coop install 2 green screws in each tab. Don't over tighten.



Inside Coop Attachment Detail



Green T-20 Screw And T-20 Screw Bit

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**Step 4A - Install Roof Assembly**





- Twist coop to make coop
- measure +/- the same corner to corner as shown.

This is called "squaring" the coop.



- If you don't have a measuring tape you can use a string or rope to make equal.



About 99 inches outside corner to corner at this point will be "square".



Using a hammer drive stakes into holes as indicated to lock in the width of the door opening.



Adjust gap in door  
to just over 24½ inches

24-5/8"



- Make sure coop is still level and "square" after adjusting gap in door.

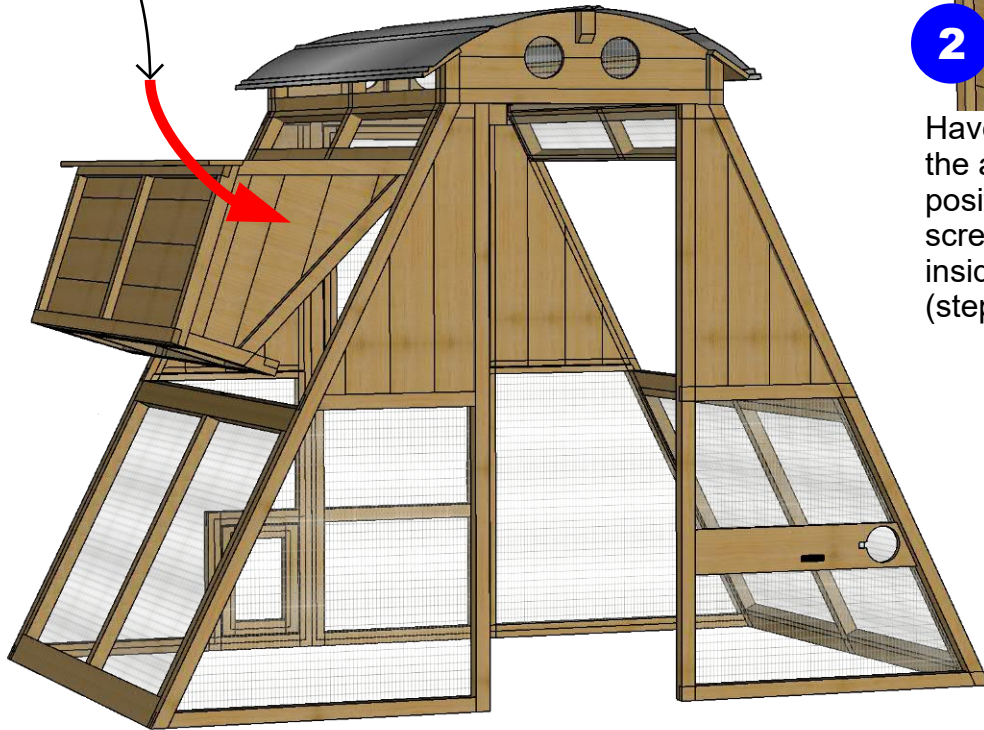




1

Swing down (pivot) the roost assembly into place as indicated on the left side of coop.

Or right. See below note.

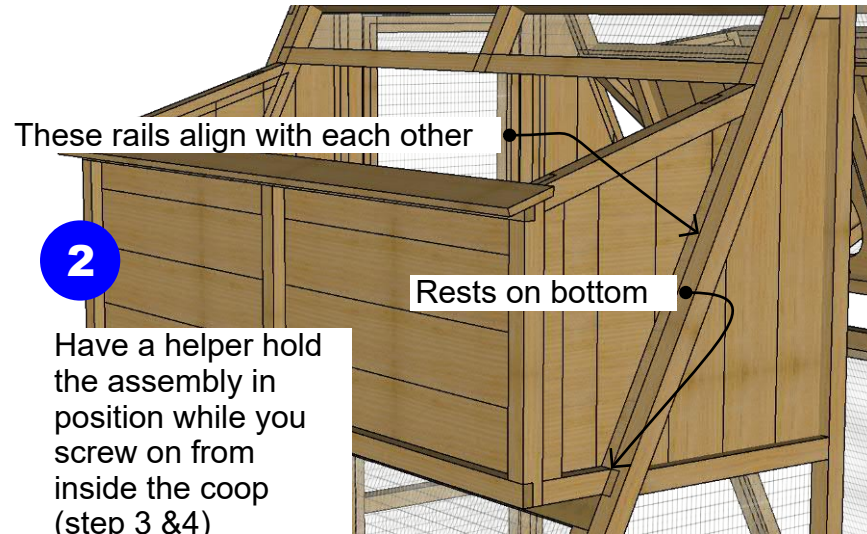


These rails align with each other

2

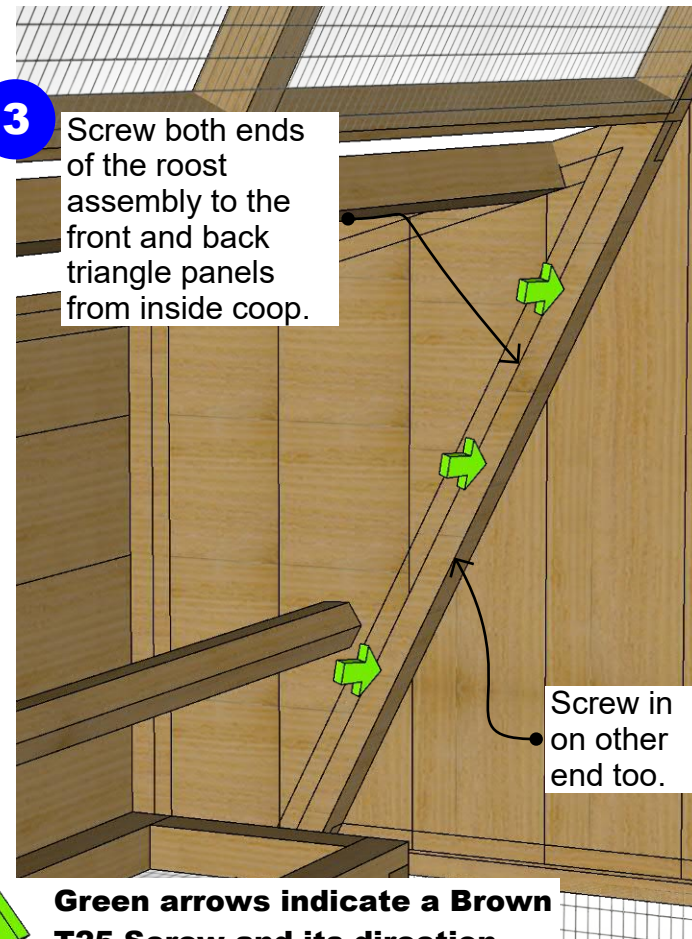
Have a helper hold the assembly in position while you screw on from inside the coop (step 3 & 4)

Rests on bottom



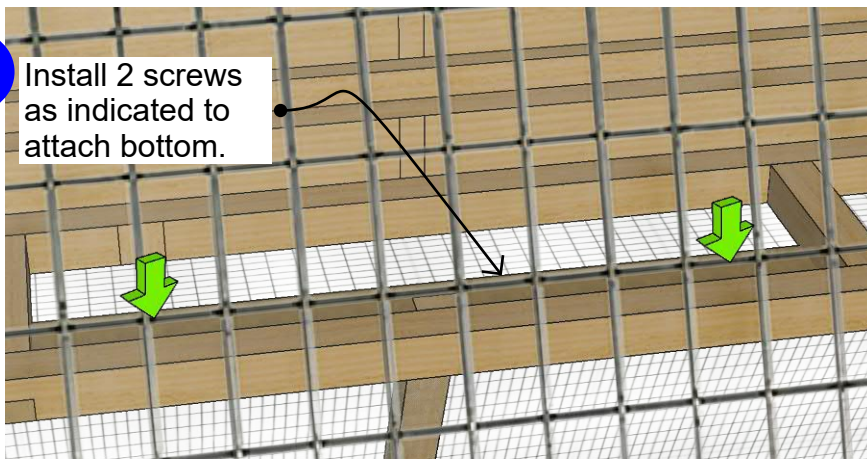
3

Screw both ends of the roost assembly to the front and back triangle panels from inside coop.



4

Install 2 screws as indicated to attach bottom.



It really does not matter which side you put the egg box or roost on. The waterer will stay a little cleaner if under the egg box side, but position to your liking.

**Green arrows indicate a Brown T25 Screw and its direction.**

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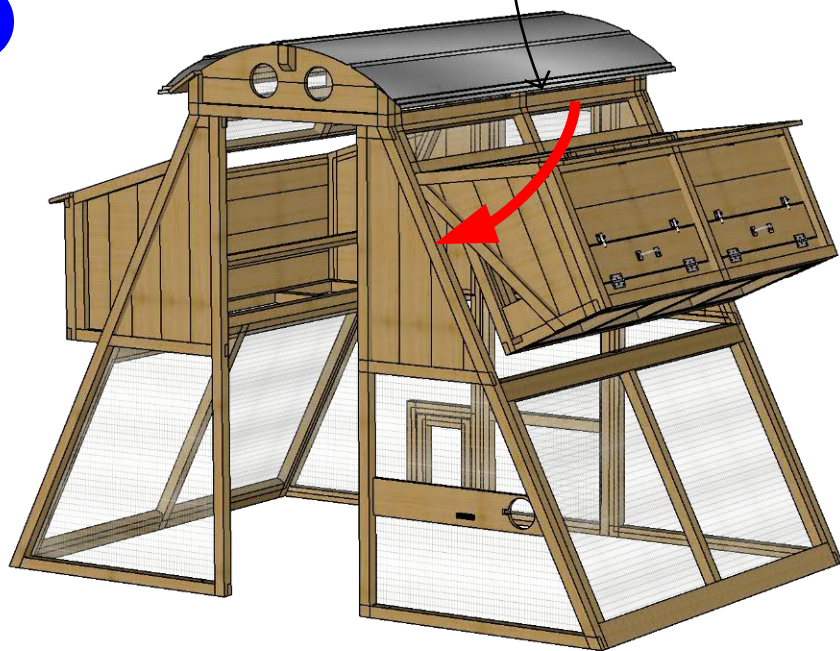
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**Step 6A - Install  
Roost Assembly**



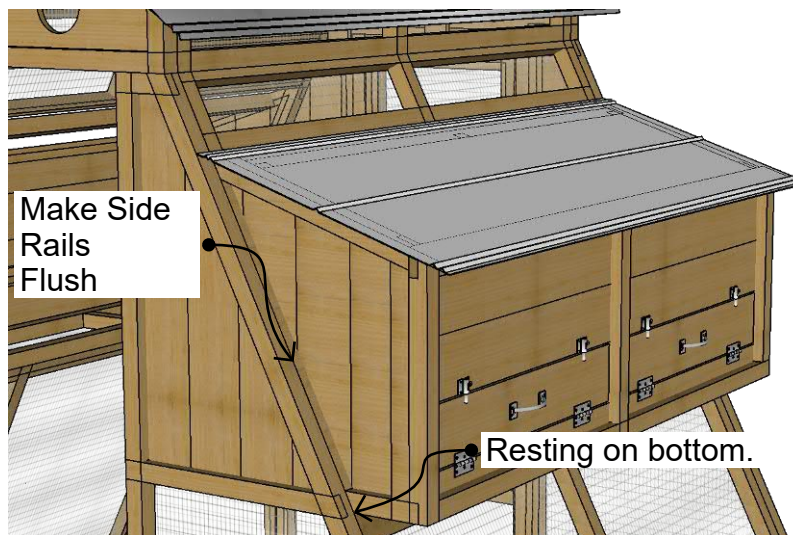
Swing down (pivot) the egg box assembly into place as indicated on the right side of coop.

1



Make Side Rails Flush

2



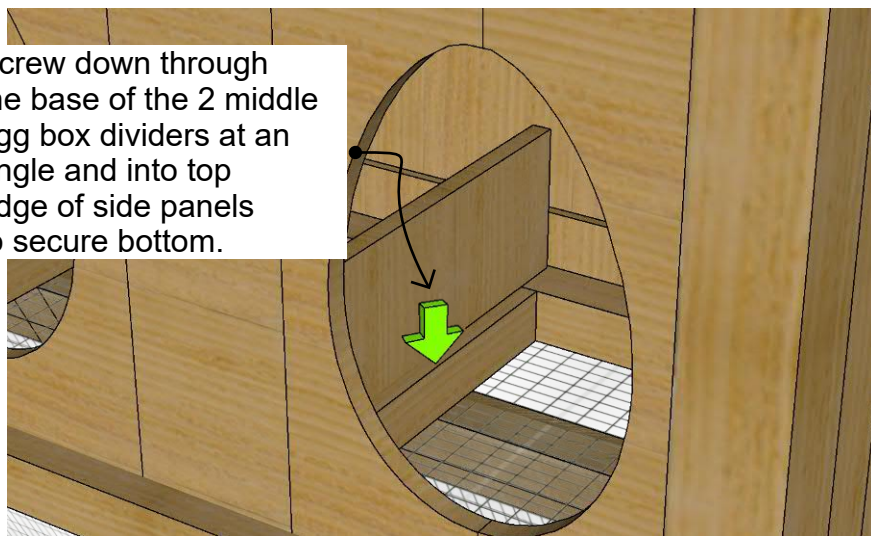
Resting on bottom.



**Green arrows indicate a Brown T25 Screw and its direction.**

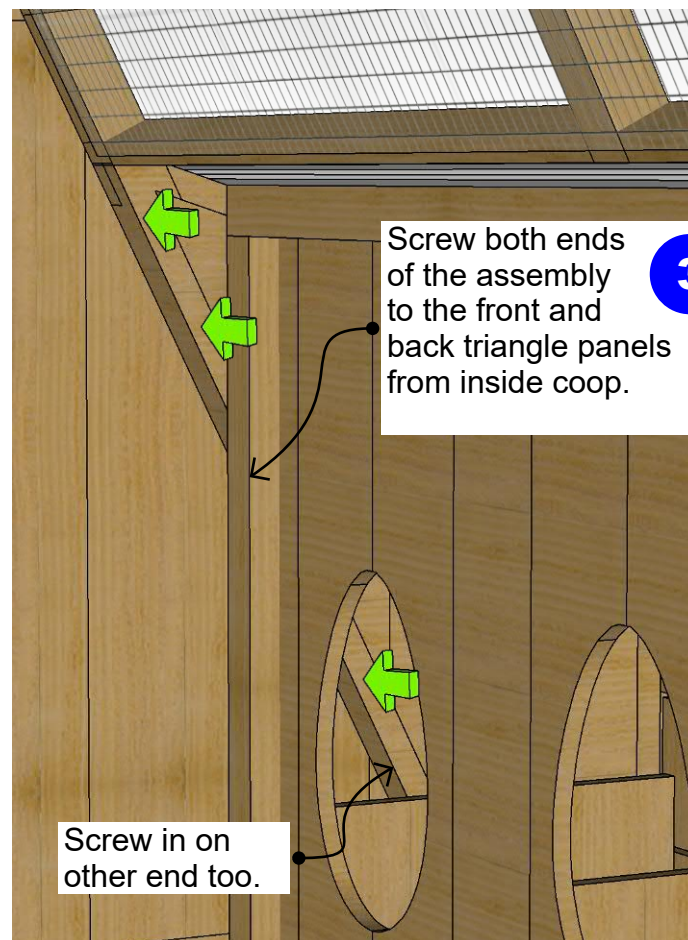
4

Screw down through the base of the 2 middle egg box dividers at an angle and into top edge of side panels to secure bottom.



3

Screw both ends of the assembly to the front and back triangle panels from inside coop.



Screw in on other end too.

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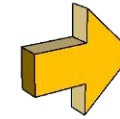
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**Step 6B - Install Egg Box Assembly**

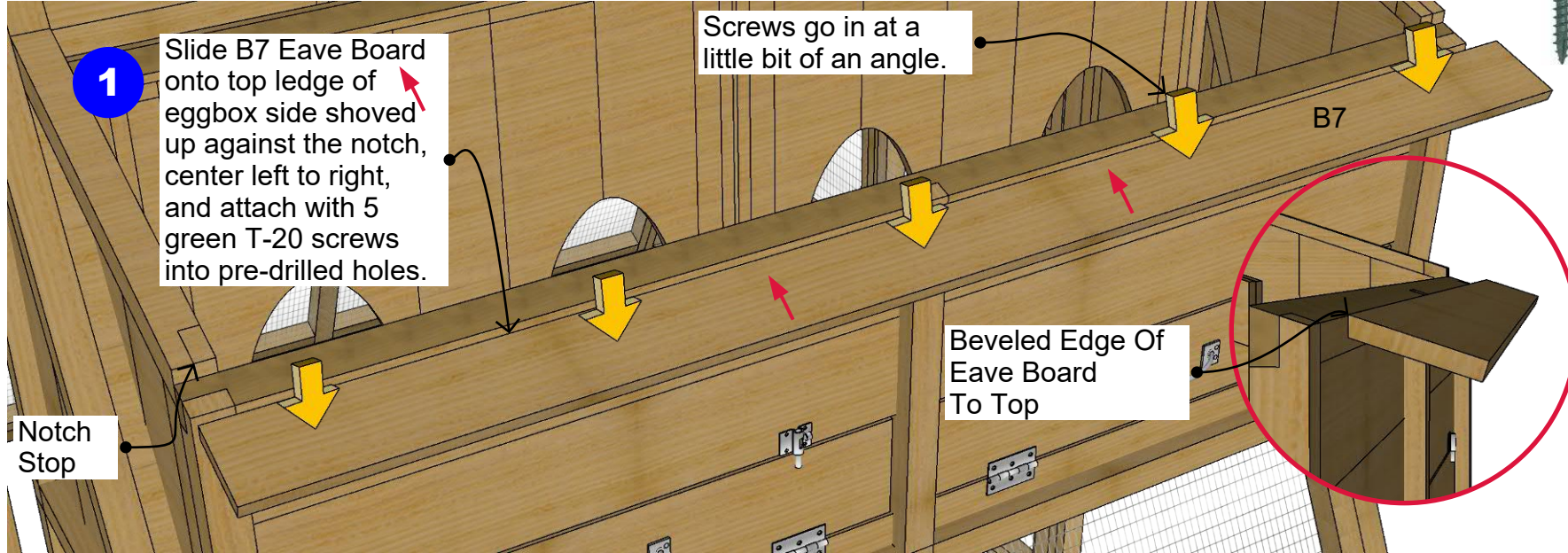




The procedure is exactly the same for both roost and egg box sides.



Green  
T-20 Screw  
And T-20  
Screw Bit



1

Slide B7 Eave Board onto top ledge of eggbox side shoved up against the notch, center left to right, and attach with 5 green T-20 screws into pre-drilled holes.

Screws go in at a little bit of an angle.

B7

Notch Stop

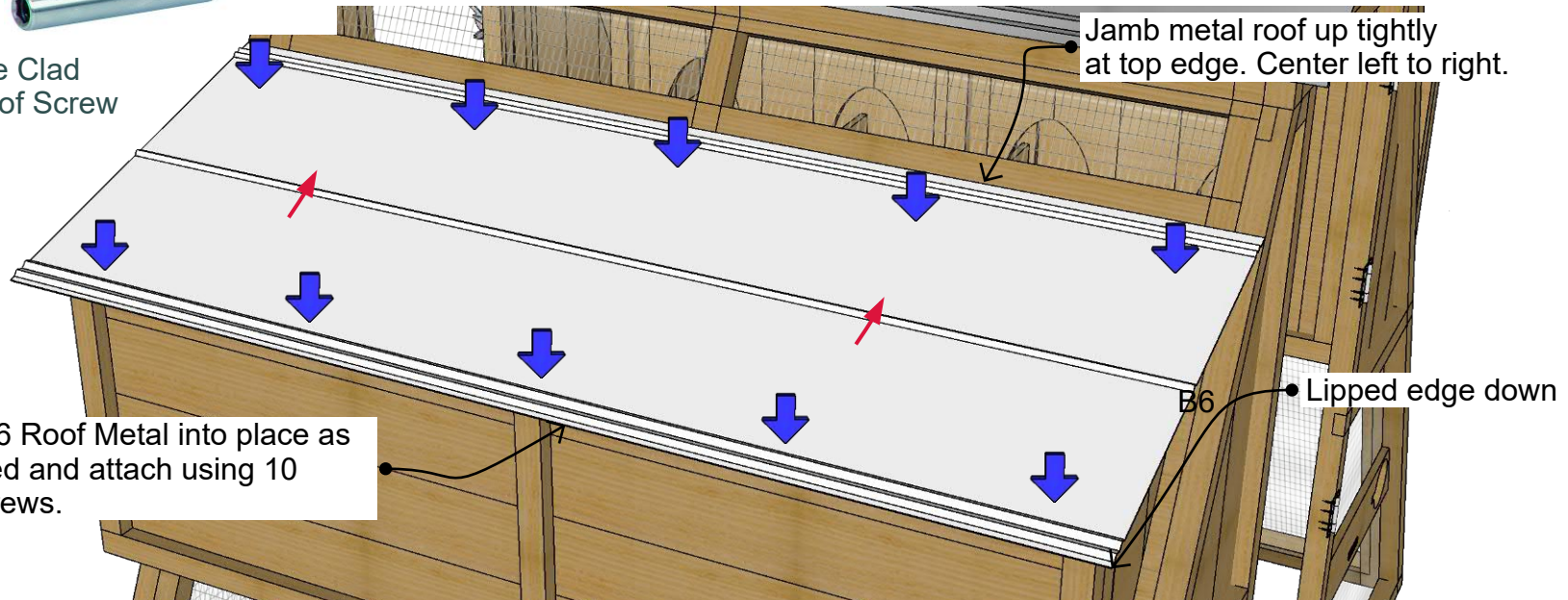
Beveled Edge Of Eave Board To Top



Bit Holder



Neoprene Clad Washer Roof Screw



2

Slide B6 Roof Metal into place as indicated and attach using 10 roof screws.

Jamb metal roof up tightly at top edge. Center left to right.

B6

Lipped edge down

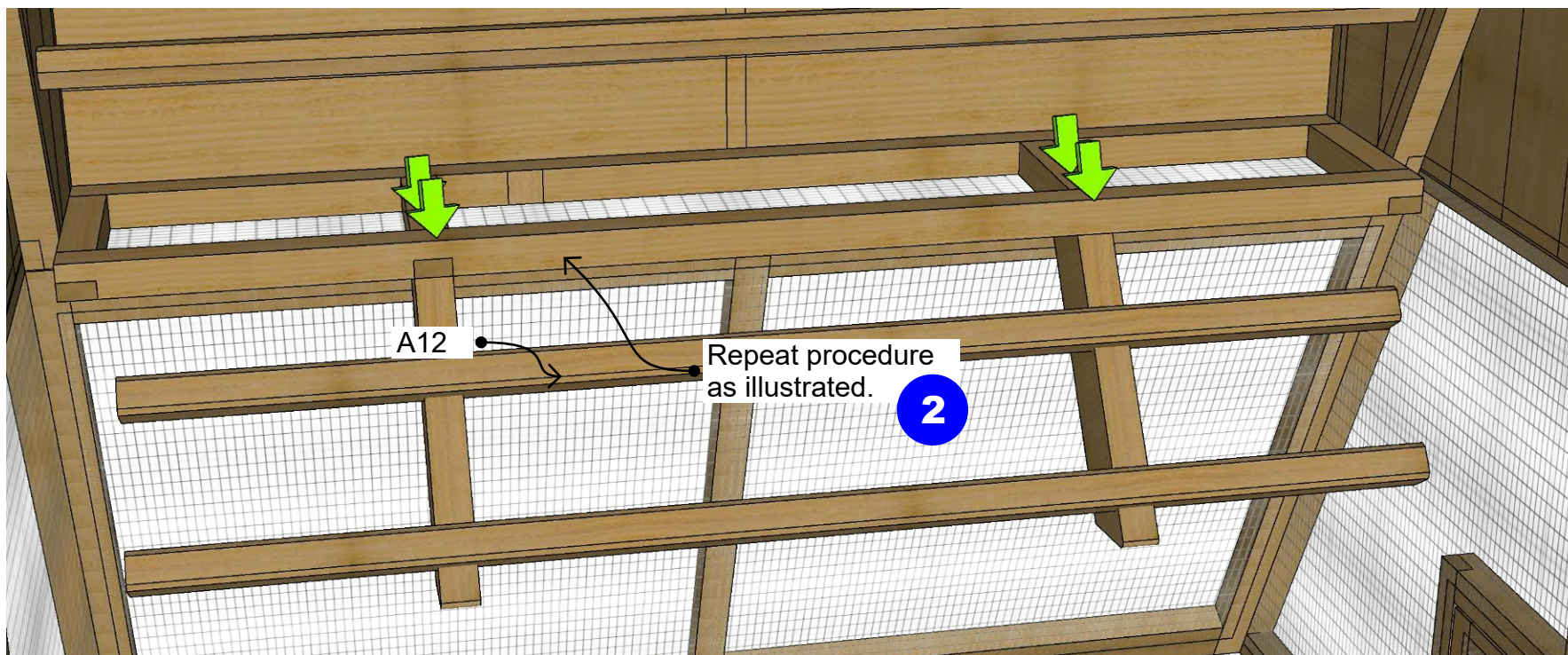
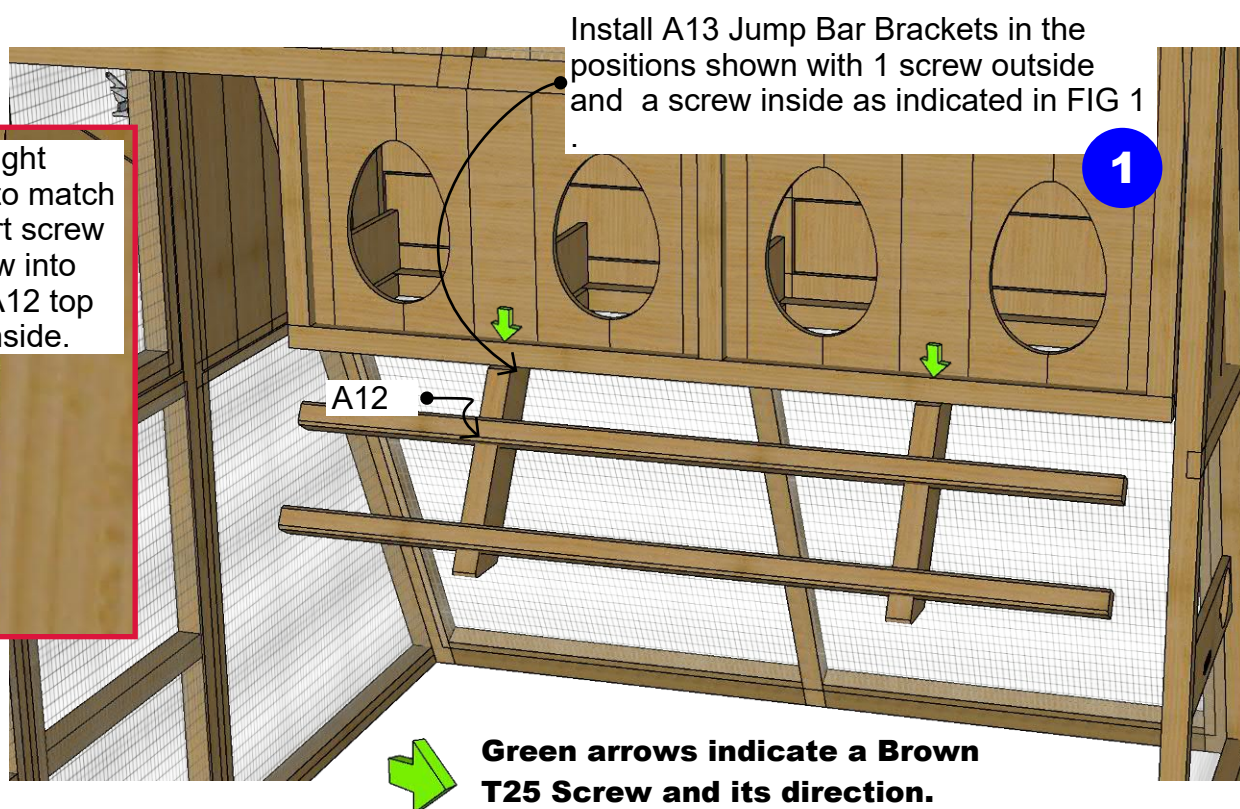
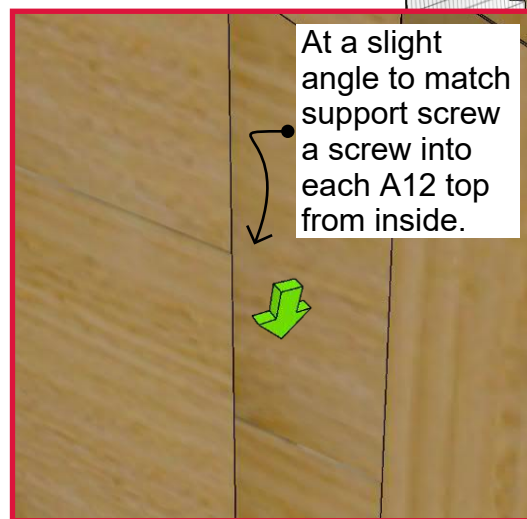
roost  
FIND YC

Assembly Instructions  
Round-Top Chicken Loft™  
V5.1 Spring 2023  
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Step 7 - Install Egg  
Box & Roost Roof  
Metal



Figure 1

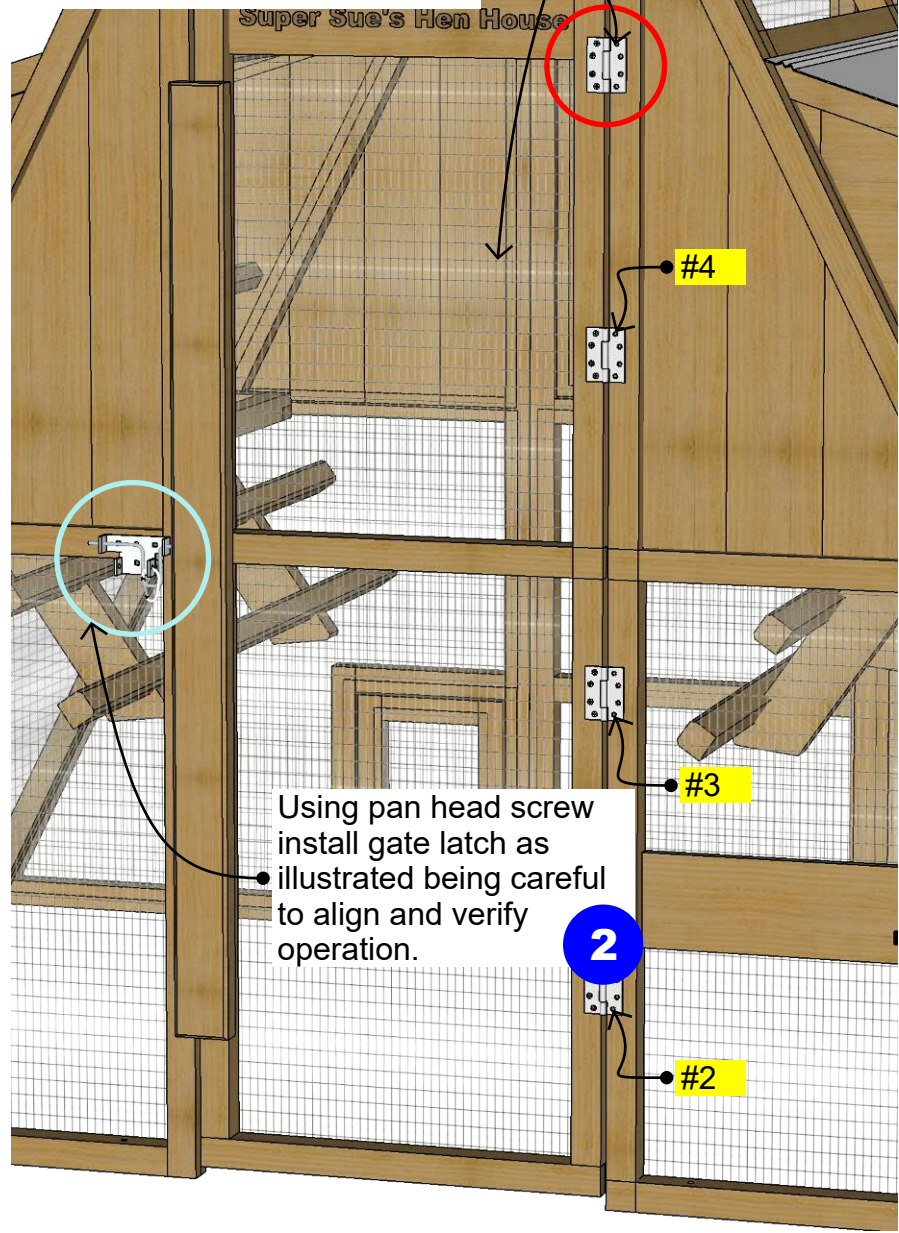




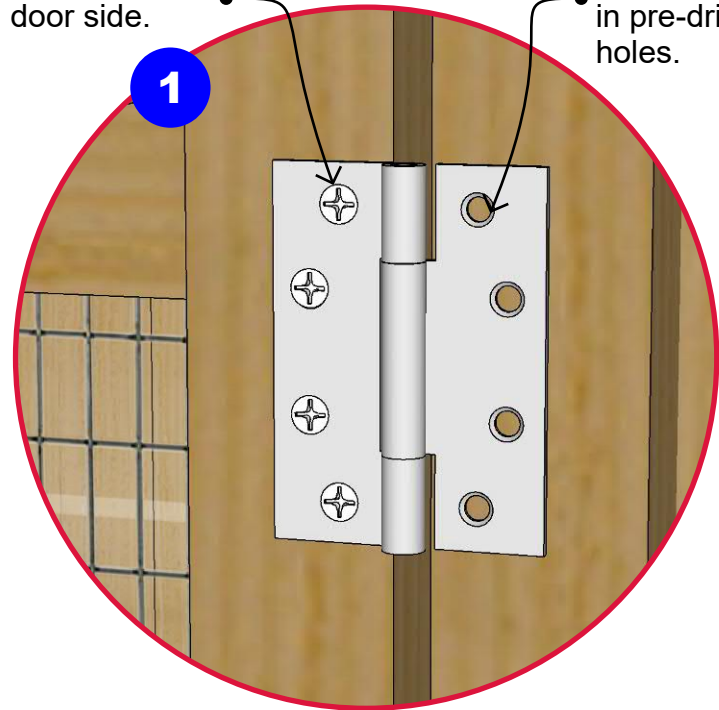
Hinges are pre installed on door and holes are pre-drilled in frame side. Install 1 flat head screw in each hinge on frame side in the order shown below and make sure door swings well, then install remaining screws.



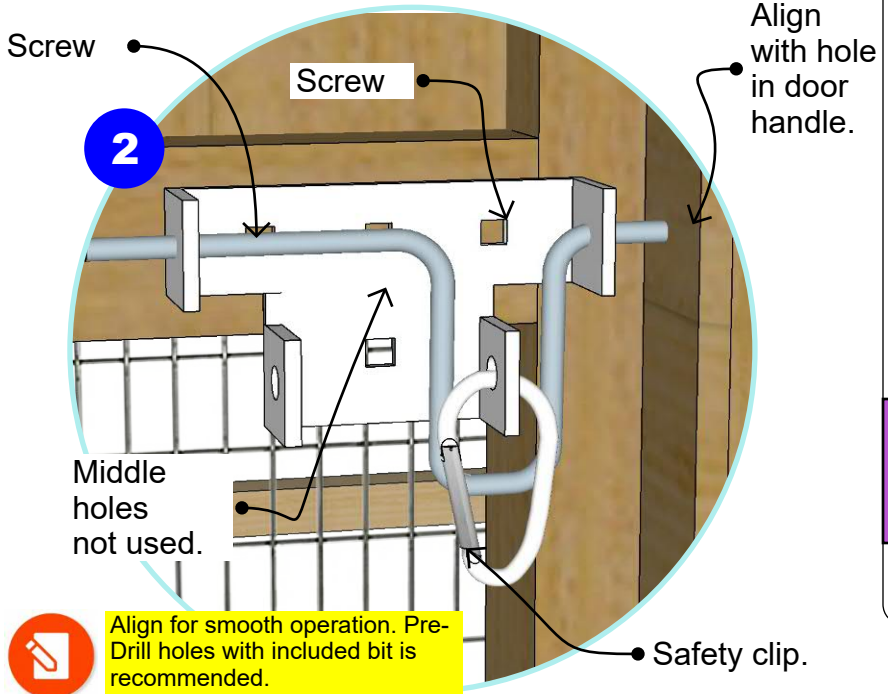
1



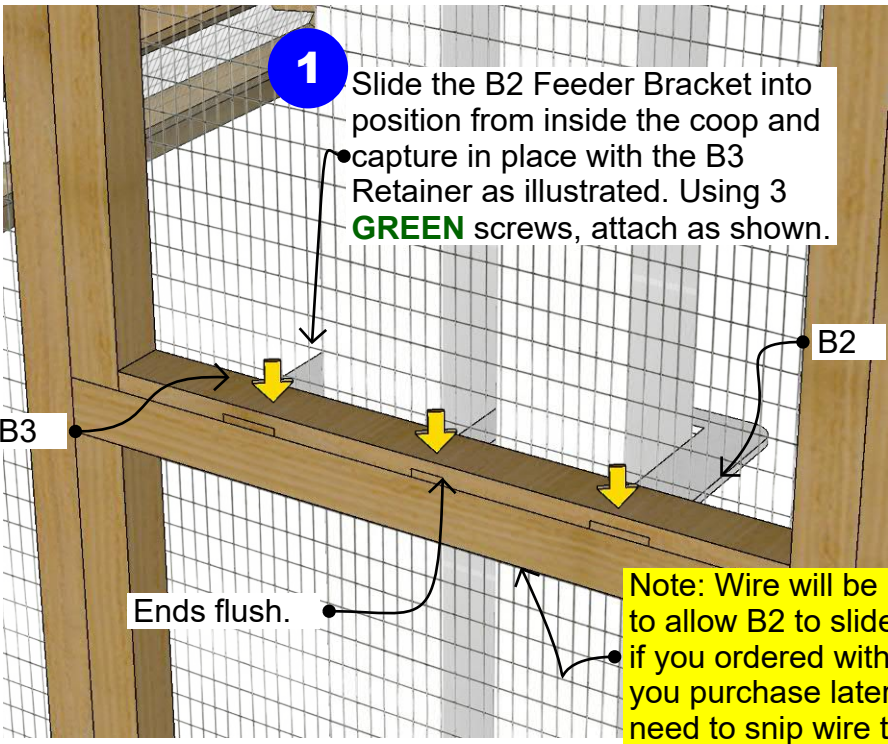
Pre-installed door side. You install frame side in pre-drilled holes.



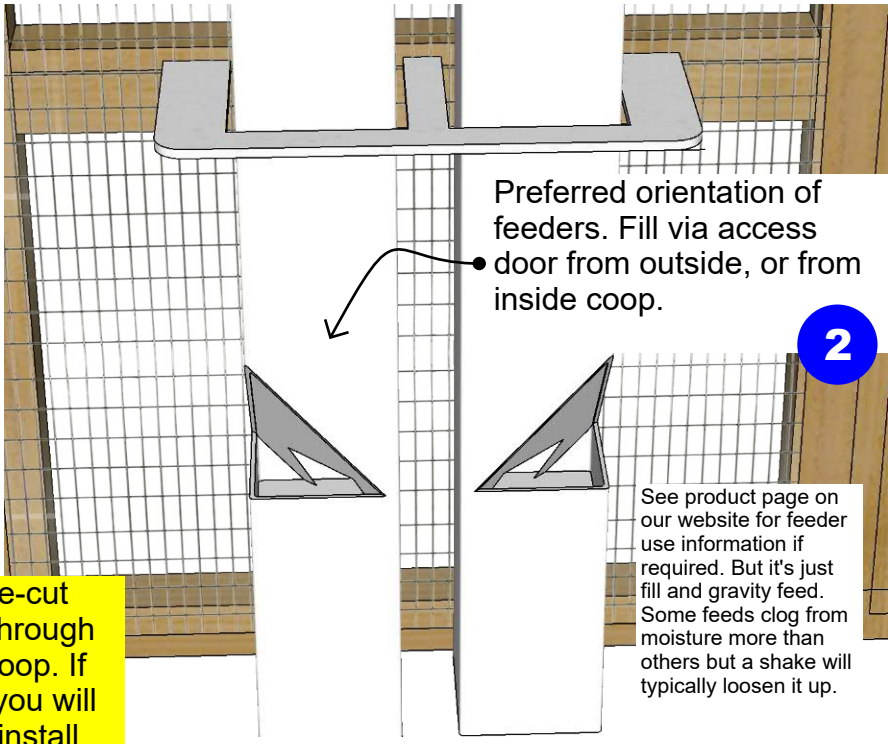
Sliding Gate Latch Pan Head Screw



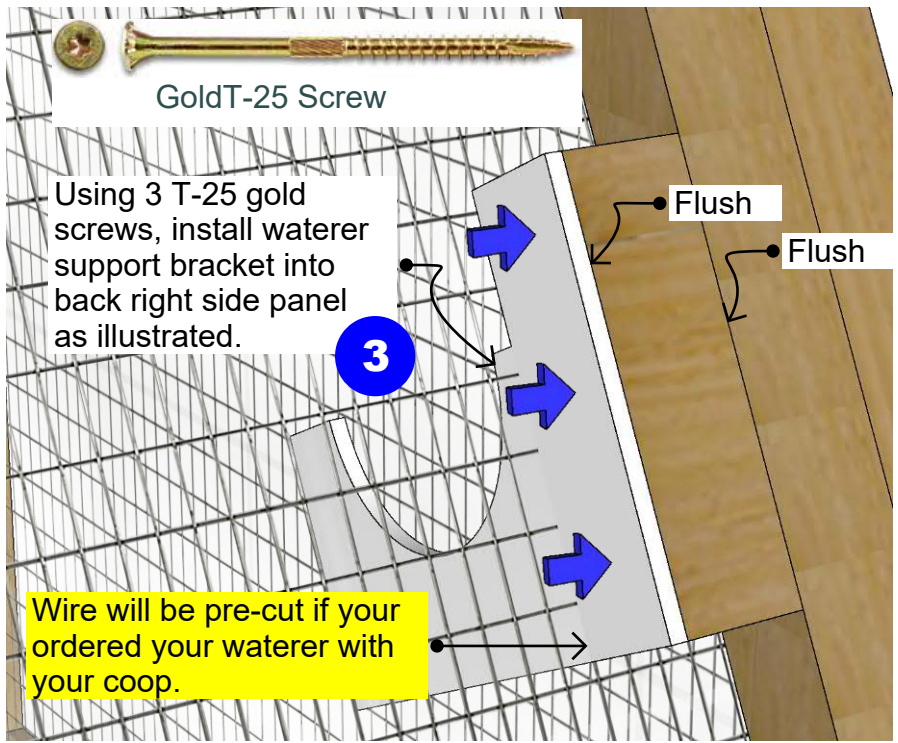




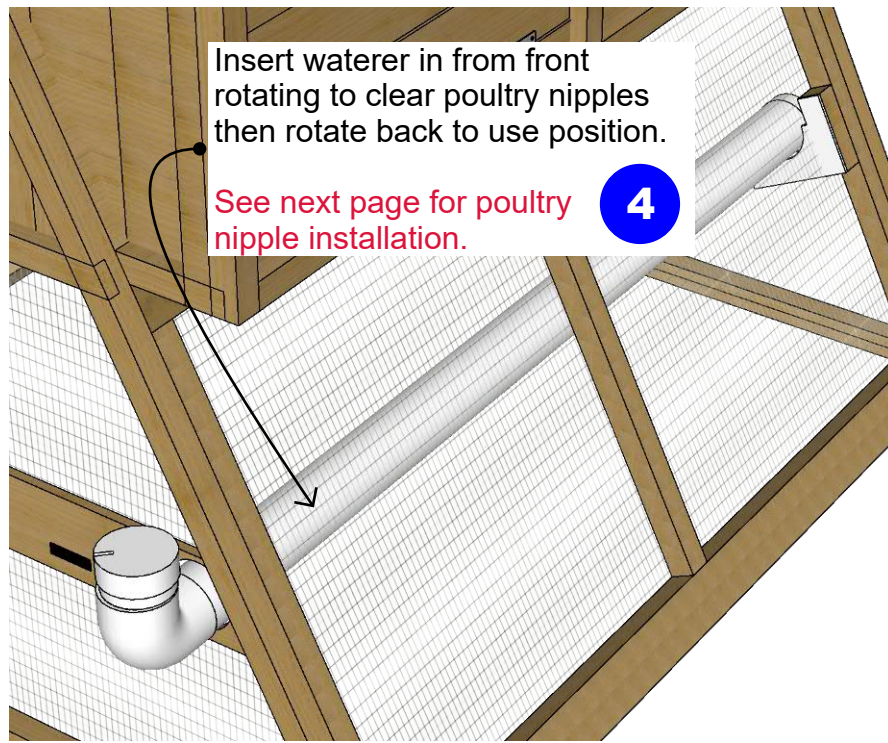
Note: Wire will be pre-cut to allow B2 to slide through if you ordered with coop. If you purchase later, you will need to snip wire to install.



See product page on our website for feeder use information if required. But it's just fill and gravity feed. Some feeds clog from moisture more than others but a shake will typically loosen it up.

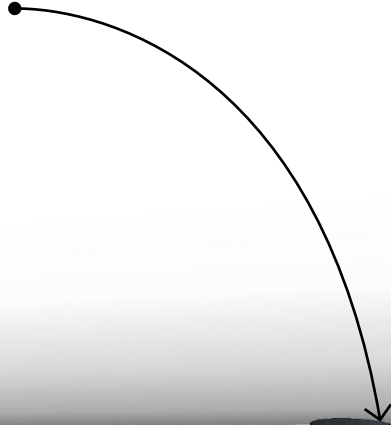


Wire will be pre-cut if your ordered your waterer with your coop.





**1** Install the 3 rubber grommets into holes. Rotate to seat. Use a little vegetable oil if needed.



**2** Force fit drinker by pushing into the grommet. Protect your hand with a towel if needed. It's tight. Rotate to seat. Use vegetable oil if needed.



If you purchased the Freeze-Guard Poultry Drinker™ nipple, use the instructions that come with that product.



### SNOW AREAS

If you live in a very snowy region you can add a full set of storm panels to keep snow out of the run too.

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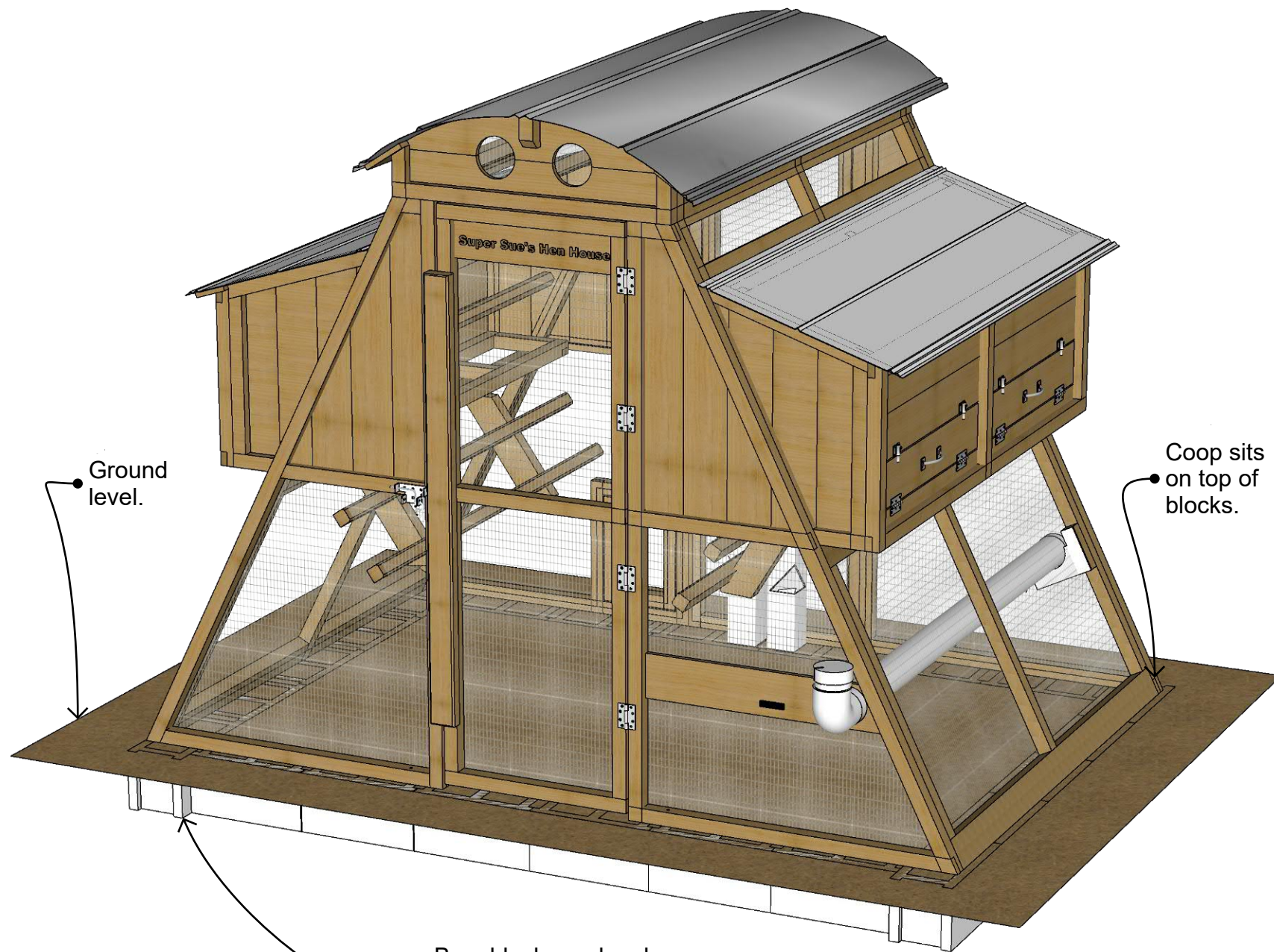
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### Addendum 3 - Optional Storm Panels





Ground level.

Coop sits on top of blocks.

Buried CMU block footer...

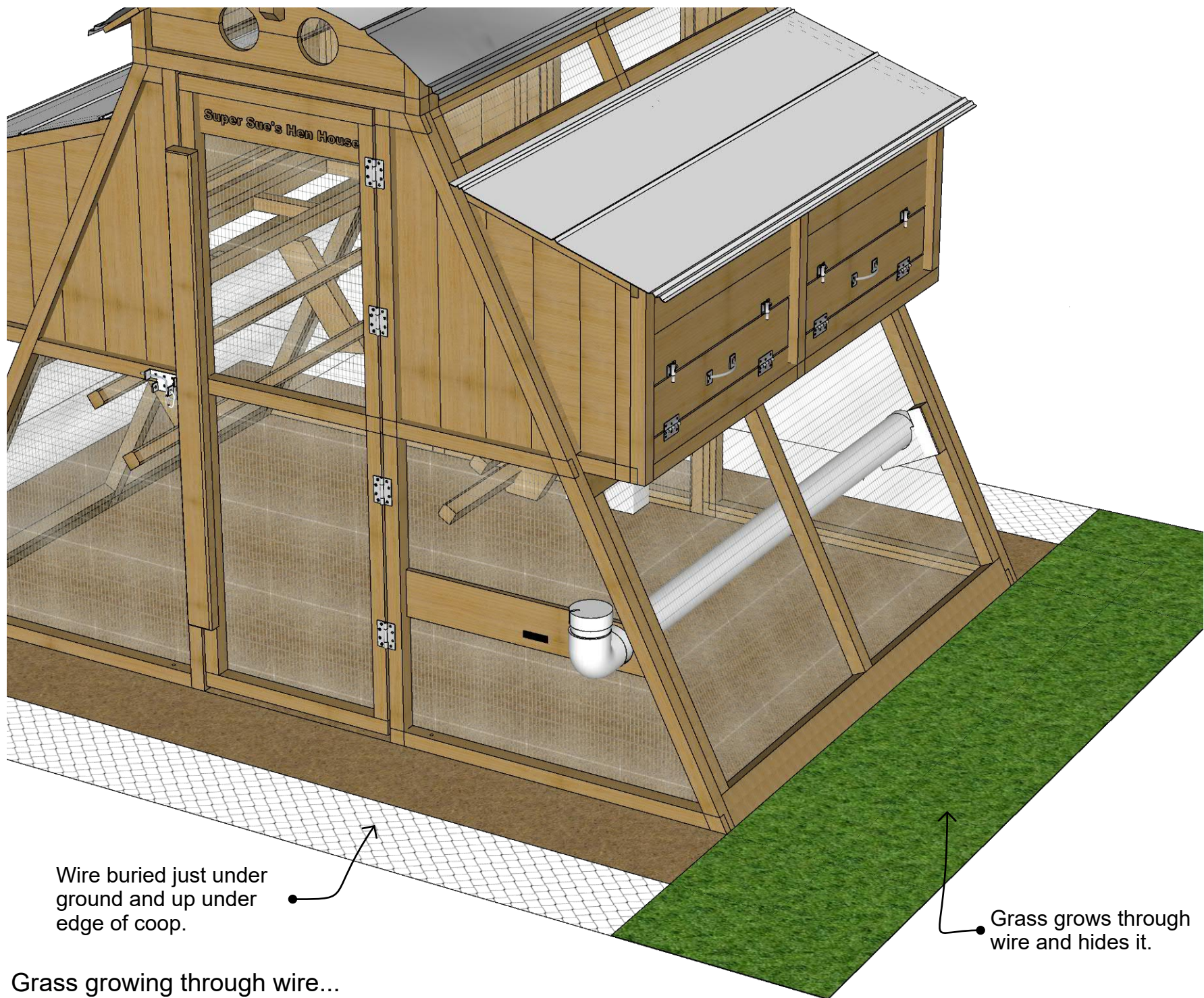
Bury blocks and make level with dirt then set coop on top. Fill with dirt or concrete. But dirt is fine.

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Addendum 4 - "Best"  
Digging Predator  
Protection





Wire buried just under ground and up under edge of coop.

Grass growing through wire...

Grass grows through wire and hides it.

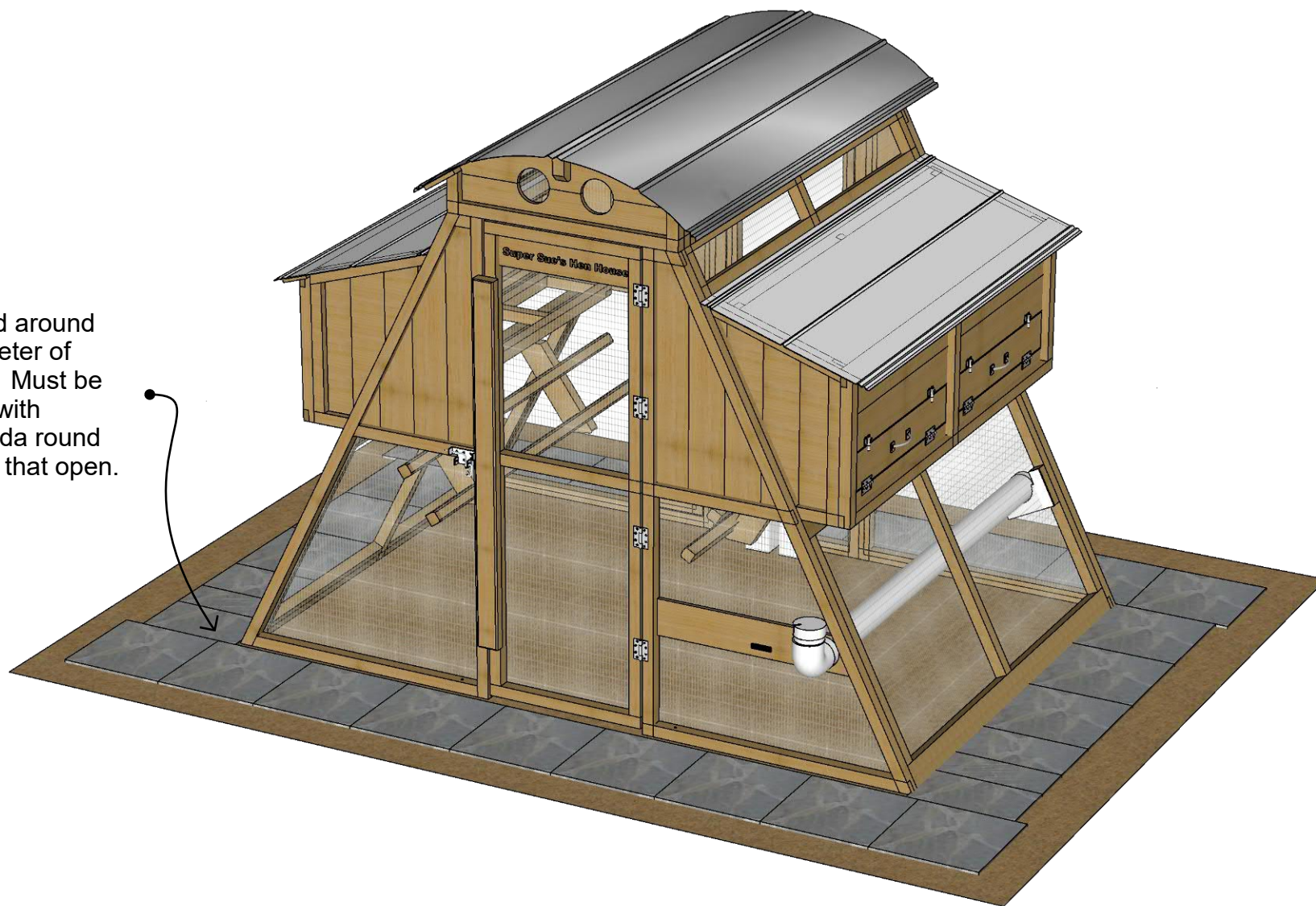
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Addendum 5 -  
"Better" Digging  
Predator Protection



Buried around perimeter of coop. Must be flush with ground around doors that open.



Paver or stepping stones...

# Some things to know about using your new Round-Top Chicken Loft Chicken Coop™

You will need to put some sort of a liner in the bottom of the egg boxes. We recommend a cut up door mat that can be washed. An egg might get broken or some chickens will prefer sleeping in the egg boxes at times in the year, and a liner makes it easy to wash. The egg boxes being dark is what makes a chicken lay there versus somewhere else.

There is an eyelet for the hook to hold open the storage door that is designed to go on one of the roof beams. If you are shorter, you can install the hook over to the side and just hook door onto wire to hold it up. We mounted the door like we did because it gives the most clearance into the storage area and stays closed even if not latched.

If you bought the waterer, you will need to rotate it downward to dump the water and then the nipples can fit through the keyhole on the side of the entry cutout. Dump into a bucket if you don't want the ground getting wet. We do this to protect the nipples and the brackets from the weight of the waterer when full.

If you ordered the feeder: Feed may clog in very damp climates or when using feeds that do not have clumping agents. Usually, shaking the feeder will dislodge clogged feed. If persistent, the angled chute in the feeder can have some of the material removed from the exit opening...a little at a time until you achieve the performance you want.

See our web site for options to keep water from freezing in the optional waterer.

If you ordered storm panels, they will be delivered with our new improved 3D printed clip retainer device. Storm panels are not designed to be left on coop year round, and are mainly designed to protect from snow accumulation and protection from sub-zero wind gusts. Chickens are very cold hardy.

We do not deliver the coop with a latch to be able to lock the coop from the inside. However, a cup hook and eye style latch can be bought at Home Depot for about \$3. A 3 inch latch works well. Place at a height that you like from the inside of the coop.



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