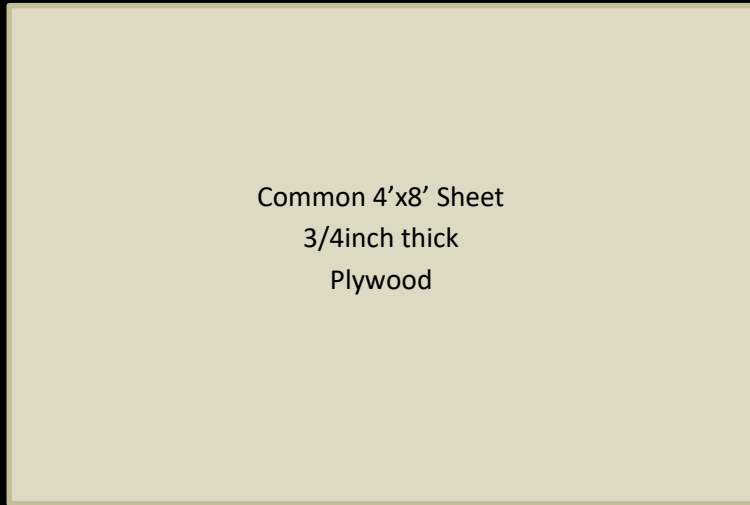


# ***NK Ranch's Folding Whelping Box Plans***

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## Materials Needed



6 - Sturdy Hinges  
I had best luck  
with standard  
door hinges



4 - Standard  
Hinge pins



12 - #210 x 1  
3/16 in. eye  
screws



1 Bolt Latch

A Good Water Barrier paint

Screws

## Tools Needed

Always wear proper eye and ear protection!



Drill/Driver

Tip: To avoid splitting, drill pilot holes for every screw



Saw

Or have hardware store make cuts when you purchase plywood



Router

Use a roundover bit to avoid any sharp edges

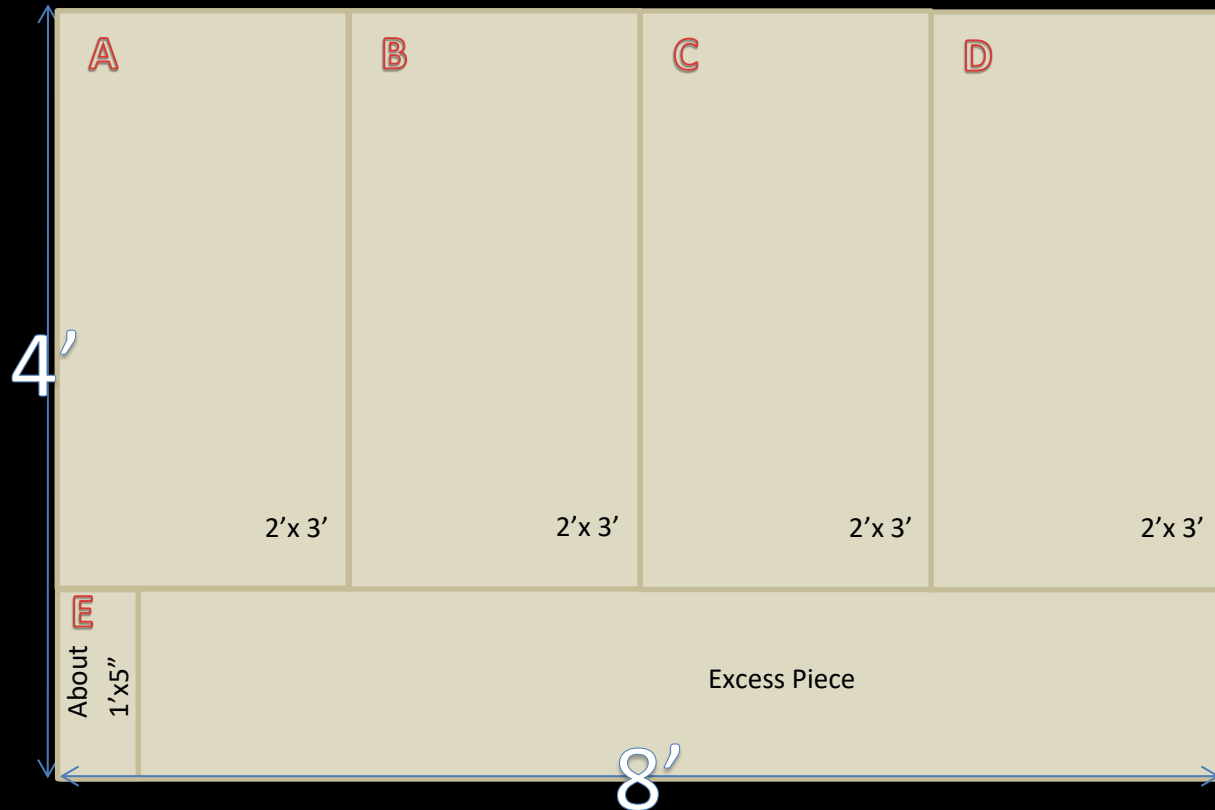


Grinder

I've had best luck removing excess screw with a Flap Disc. Wear eye and ear protection



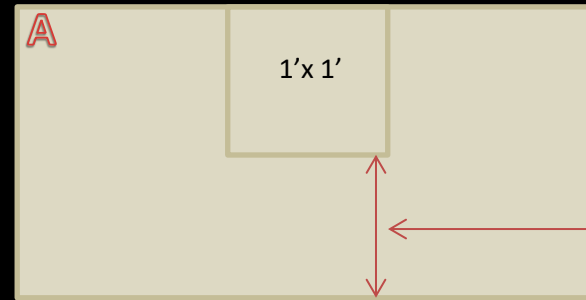
## How to cut your plywood



I've labeled "A B C D E" to help you understand instructions

Rout all edges of the wood, inside and out, including the door and doorway.

This prevents splinters and sharp edges.

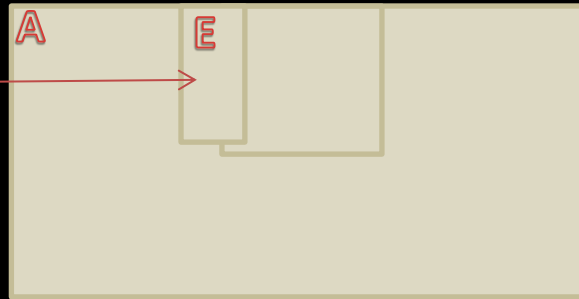


Measure and cut a 1ft x 1ft square, this will be the doorway.

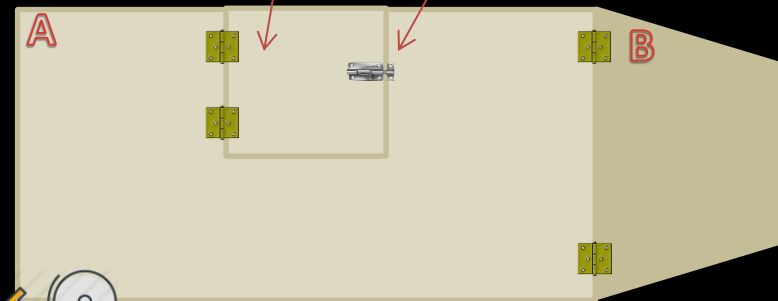
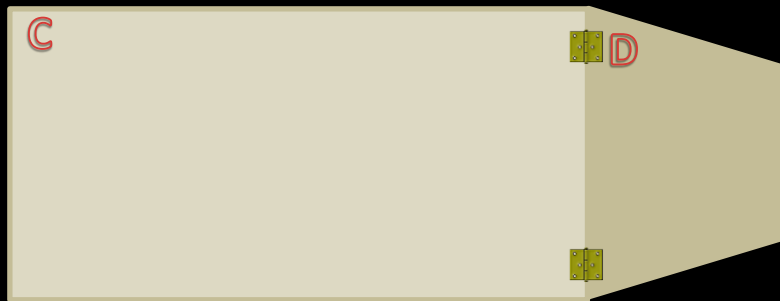
Note: The 1ft height from the ground to the doorway is to keep the pups in while letting the mamma out.

This size may vary depending on the breed and size of your Dog.

Mount the 1ft x 5in piece on the inside of the doorway, opposite of the hinged side. This acts as a door stop.

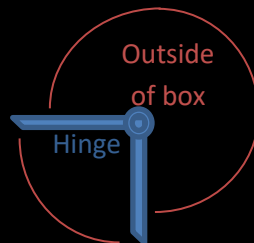


Using 2 hinges, mount the door. Leave a small gap on the edges so the door opens and closes freely. Attach the bolt latch to the doorway as shown



Using hinges, attach A-B, and C-D, as shown. This will likely require help.

Note: Make sure hinges fold completely outward, this is for folding and storage



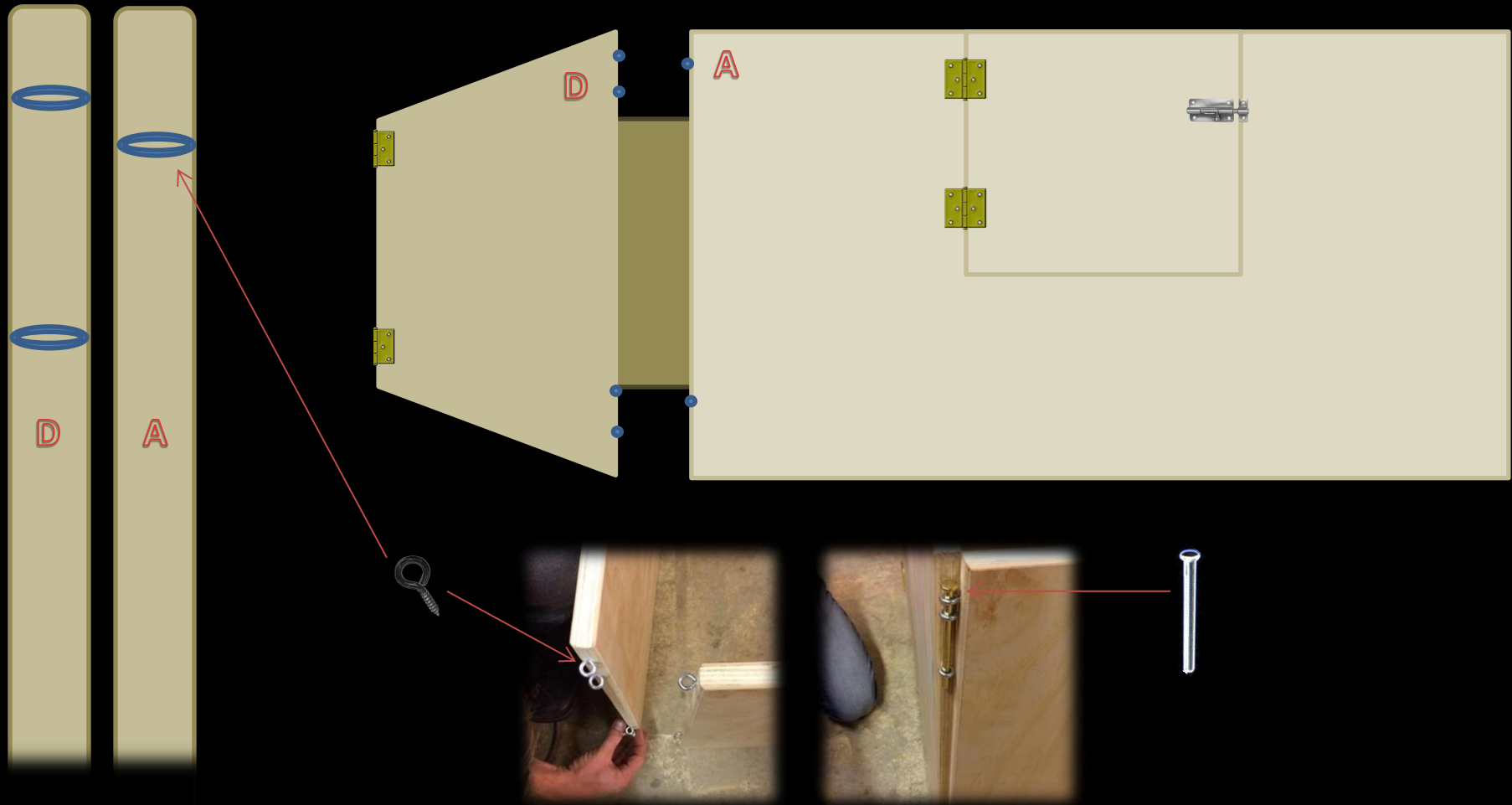
Using a grinder and proper protective equipment, trim off the excess of the screws, on the inside of the box.



To Attach Panels A to D, and B to C,  
Drill small pilot holes, and then drive  
the eye screws in. These must be as  
straight as possible.

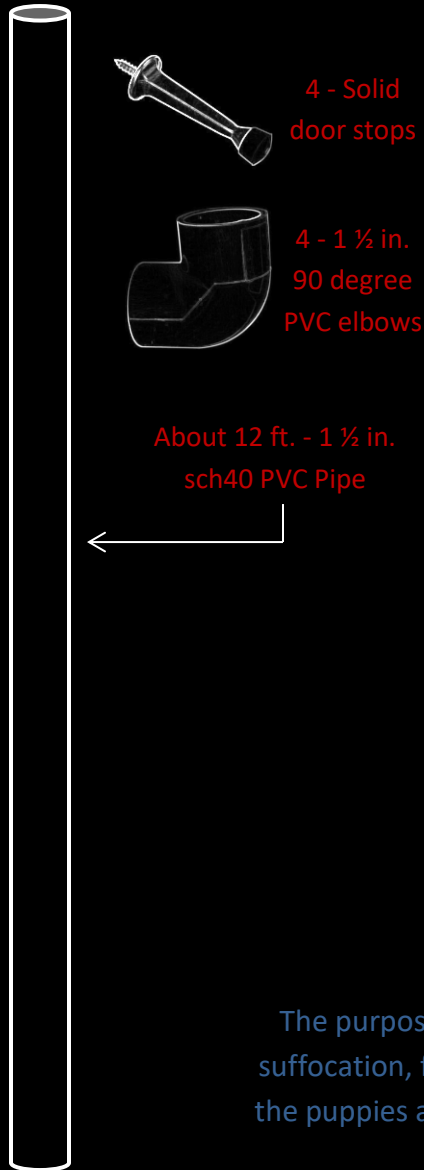
Do this toward the top of the box and  
then repeat toward the bottom.

I came up with this concept, so that I could easily remove the pins  
and fold the panels for convenient storage. While storing I put the 4  
pins in a baggie and attached it to the panels, so as not to lose them.



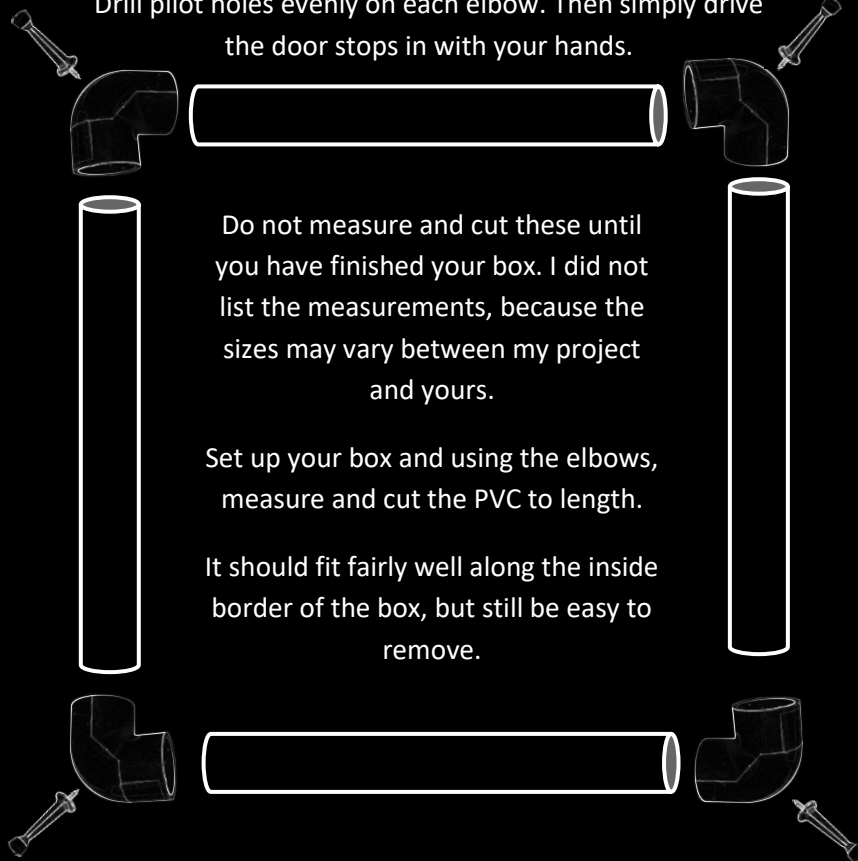
# The Safety Rail

## Materials Needed



The door stops act as legs for the rail. I found that these really hold the rail to the perfect height.

Drill pilot holes evenly on each elbow. Then simply drive the door stops in with your hands.



Do not measure and cut these until you have finished your box. I did not list the measurements, because the sizes may vary between my project and yours.

Set up your box and using the elbows, measure and cut the PVC to length.

It should fit fairly well along the inside border of the box, but still be easy to remove.

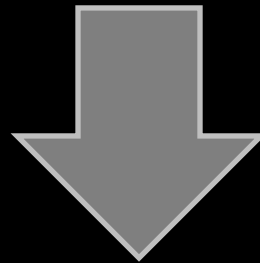
The purpose of a guard rail is to prevent the puppies from accidental injury, or suffocation, from the mother sitting or lying next to the edge. The guard rail gives the puppies a pocket to crawl under and around where the mother can't sit or lay.

It's sort of like a secret tunnel to safety!





# Building Our Box



**Whelp, looks like we made a Whelping Box!**



**...It's also easy to disassemble! We'll show you how we did it.**



**We started off with a 4'x8' sheet of plywood that we had cut down into four 2'x3''s to make the walls of the Whelping Box. This gave us a 3 square foot perimeter for the box. If you don't have the equipment to cut this, they'll cut it for you at a hardware store.**

**We cut out a section for the door 1 ft. wide, and then routed all the edges. This helps to keep the edges from splintering, and cuts out dangerous sharp edges.**



**Next, we added door hinges to the corner of the front, and left wall to make them easy to fold in on themselves when disassembled. We also did this with the right, and rear wall.**



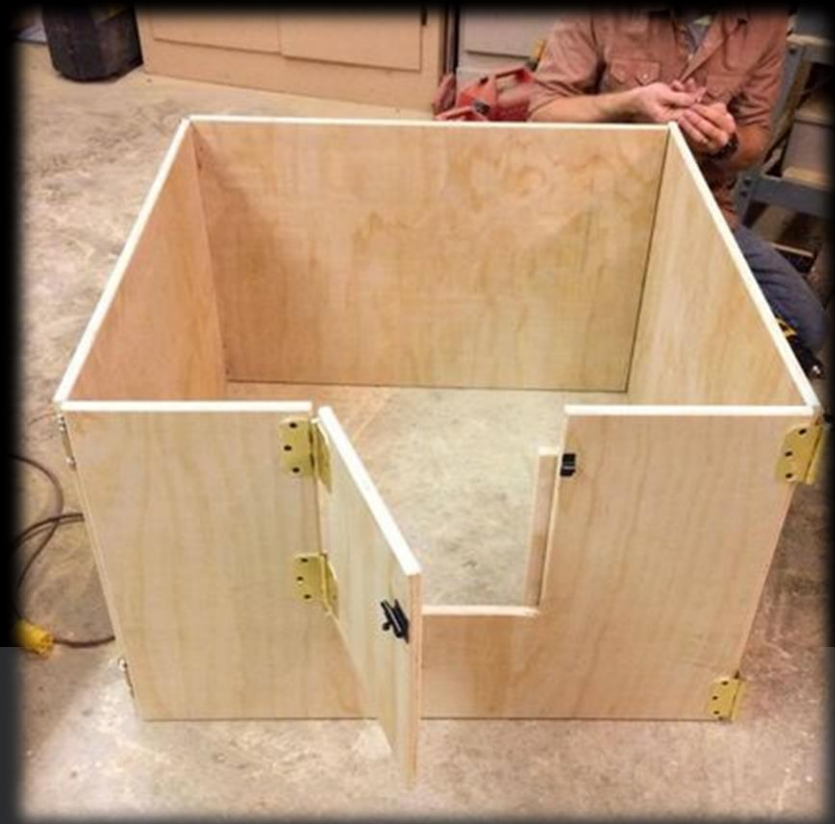
**We then attached the door with hinges, added the outward latch, and a block to keep the door from swinging to far inward. We left a small gap all the way around the door in order for it to open and close easily. We used a grinder to cut off excess length on the screws.**



To attach the front and left hinged walls to the right and rear walls, we used eye hooks and hinge pins to hold them together. We hinged the top and the bottom of each side. This allows the box to hold together with surprising strength and stability, but still easy enough to take the pin out and fold up the walls for storage.



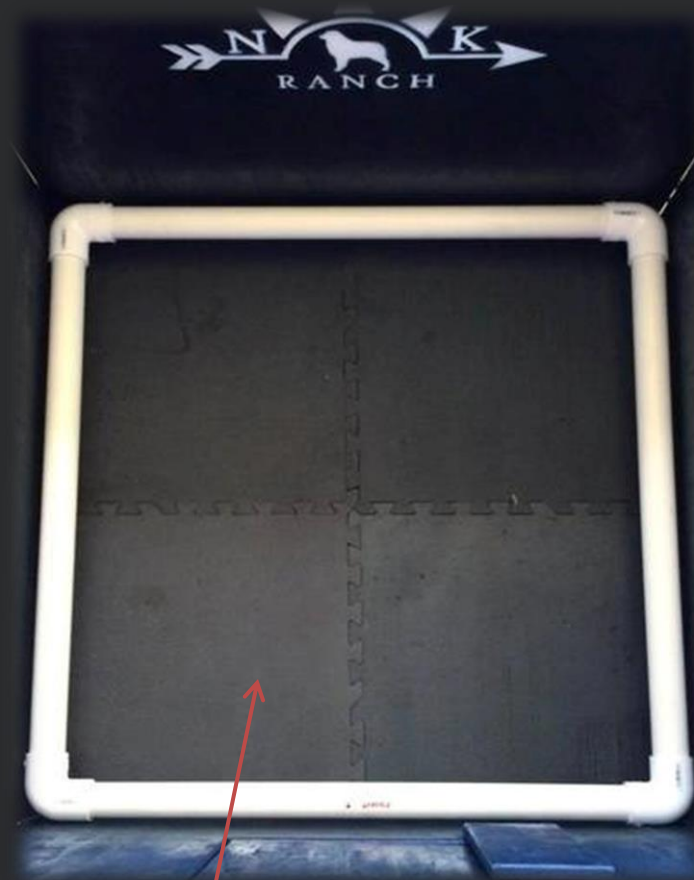
**The materials cost us around \$50.00, and it took a little less than two hours to build the box.**



**We also made a guard rail out of 1 ½ inch Sch40 PVC Pipe, and solid door stops. It cost about \$35 for these materials.**

**The purpose of a guard rail is to prevent the puppies from accidental suffocation, or injury, from the mother sitting or lying next to the edge. The guard rail gives the puppies a pocket to crawl under and around where the mother can't sit or lay. It's sort of like a secret tunnel to safety!**





**We found some used outdoor foam mats for \$5 at a Re-Store Shop that we cut to size. This creates the flooring for the whelping box and aids in waterproofing, insulating, and adds a little more padded comfort for mom and pups.**



**We also bought a heating pad from Petco for \$35, a cotton cover blanket from the D.I. for \$2, and some fleece blankets that we can rotate out for \$2 a piece at Walmart. This will go on top of the foam mat to keep mom and pups warm, clean, and cozy!**

**Overall we spend around \$100 for the whole project.**