# Build a $1500 Portable Greenhouse or Garden Shed

## For $150

## IN JUST A FEW HOURS

## Without A Kit!

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# Table of Contents

# Testimonials

Thanks for very clever design. I am in Sydney Australia and plan to build my own glass house just like yours, it looks great. I plan to use mine to grow tomato all year round. Our climate is a very mild winter and with the shelter this glass house can provide, I reckon I can eat tomato and lots of other great crops growing all year round. It's a brilliant design and simple for even a novice like me. Thanks again for your ingenuity... ***Bloody brilliant Mate!***
- Emmanuel

Alan, I used it to make a chicken house. I'm **67 years old** and simply could not build a chicken house any other way. Thank you so much…
-Tavia

Just put mine in today. **24x10 ft**. Used metal straps to secure the panels to my existing framed in garden. Thank you so much. Who'd have thought you could build a greenhouse for **less than $200 this size**. :)
-Joanna

I have been looking for something a little more durable than PVC pipe. I really like your idea here. We don't get wind often, but when it blows, it blows hard. Your model looks like it will stand up better to the wind. Thank you for taking the time to show how your plan comes together from start to finish.
– Jones Family

Alan, this is great. I do not imagine it could be made much more simple. For us, this looks like a great seedling starter, but I am also hoping to have a greenhouse that can keep us growing throughout the winter; and not sure just how big we may need to make it (5 kids...). Thanks!
- JandJAcres http://www.youtube.com/user/JandJAcres

That is about the **niftiest thing I ever did see**. Configurable no less. **My PVC greenhouse snapped** after a strong windstorm and the cover shredded so I have been looking for a way to replace it. This set up is about **the best I have seen** and looks like I can do more with it. Thanks tons for sharing. I found I could modify it a touch and I have a place I can park the lawn tractor, towable cart, work benches and tables, and a pallet of shingles. Oh and that was not the green house. ;) Just used your idea and put a heavy duty tarp over the arch. The span is 12 + feet wide and 10 feet long. Anchored it with rebar. This was *extremely* versatile a set up.
- Phoenix

Wow!! Thank you soooo much. I am waiting for the snow here to leave so I could build my greenhouse. **I bought a kit online. I am now going to sell the kit to someone and build one like yours**. You have done me a big favor in terms of money not spent on things that would not last. **Yours is awesome**. Makes so much sense. Again thank you.
-Meghan

I built one this weekend!! I made it 12' long, but everything else is similar. **Great directions**, I had **no problem getting it together**. THANK YOU!!!
-Josh

I have a website and ***sell greenhouses***....***but this greenhouse kicks butt***. grand idea. Thanks, I plan on using this idea.
- Sam canaclothing.com/

**Far and away the best idea** for fast and simple construction of a greenhouse...thanks ~!
– Guy

This is one of the best ideas for a simple green house that I've seen. :)
I'm in Canada so I need to think of dealing with a structure that will hold up under fairly harsh conditions, I think this is a good design for me to try.
-Gord

Cool idea...**you just saved me some money**
-Jacquelyn

This is awesome. That is such a nice greenhouse. **It is top of the line** for a quick and easy make-it yourself project. thnx for sharing. **You do beautiful work**.
- Terry

Love your design. I have been gardening for 4 years and have finally decided to build me a greenhouse.
-Jon

I love your green house design! I am gathering the materials to build **2**. Thank you so much for showing me and anyone who is interested, how to build such a useful structure. I am grateful.
-Brad

**Ingenious plan!**
-Sarah

This is **exactly what I have been looking for**. I just need a small greenhouse to put my small plants in until it gets warm enough to transplant. I can't bring myself to buy a cheap unit down town, but this will work great. Thank-you.
-Andy

You have shared an excellent Greenhouse build. **What a great and ingenious building**!
-Dave

Thank you so much for sharing this great plan. We will be building one this weekend for starting my spring and summer garden. It will also be **home for my orange trees in the winter**. Happy Growing!
-Janie

You have shared an excellent Greenhouse build. What a **great and ingenious building**!
-George

Thank you again! I plan to **cover with netting** instead of plastic for a **bird-proof blueberry house**!
-Christina

# Forward

For years I had wanted a greenhouse. I looked at many designs, made from various materials. I saw everything from PVC pipe, EMT pipe and even some that used the top rail of a chain-link fence. To me, they all had one problem… they were stationary. I wanted something that I could move with the seasons, and with the changes in the way I wanted to set up my homestead. I recall several times that I had built a structure, only to wish I had put it in a different place, or had not built it at all. There were other times when I built a fence, or put in a garden, wishing later that I had the area set aside for another purpose.

So, I never built a greenhouse.

I bought seedling plants instead. Then a few years ago, I noticed how expensive ***plants*** were, and how inexpensive ***seeds*** were. I knew I could save money if I only had a way to raise the plants myself. Also, I knew that a large part of striving for a more self-sufficient lifestyle was to reduce my dependence on someone else. **I** could supply all the vegetable plants needed for my garden. Not only that, but I could actually ***sell*** my ***surplus plants*** to friends, family and neighbors. I'll let you in on a little secret… ***every year***, I sell enough plants to pay for the greenhouse, just by planting a little extra and offering them to those around me. That means MY plants are ***free***! Someone else is buying the extra plants, which pays for MY potting soil, trays, etc. Pretty cool !

Now, I didn't set out to design the greenhouse to end all greenhouses. No, I just looked around at what I had available around the homestead. I envisioned a hoop house that didn't have the traditional "ribs" of pipe that most designs have. I saw something that I thought would be much more sturdy, easy to build, and most importantly that I could move around when needed. Here's what I came up with. As far as I can tell, my design is unique. I haven't seen anything quite like it. The design fits nicely into a small backyard, and can be expanded to accommodate a larger commercial setup too.

So, here it is. I hope you will build your own, and feel as much satisfaction that comes from accomplishing ***your*** build, as I have from building mine. And not only that, but I hope this can help you to wean yourself off the big box store's vast array of seedling plants, both vegetable and ornamental, and ***grow your own***.

This basic design can also be used for such things as a ***goat shed***, ***chicken tractor***, ***garden shed***, or for housing anything you want to keep out of the weather. By that I mean, instead of putting greenhouse plastic over it, use a tarp instead. You could make a nice drive-in shed for a riding lawn mower. The door would have to be wide enough to get your mower in, so you would have to change the framing a bit, but I know it will work. You can even use corrugated metal as a covering, for more permanence. In fact, I've done it! The last part of this book will deal with making a shed, for goats or other things that need to be sheltered from the elements (like garden equipment) by installing a ***corrugated metal roof***. In some ways covering with corrugated metal is even easier than covering with plastic or a tarp. And since a tarp will eventually wear out, it is much more permanent.

I will explain the all the steps, but a picture is worth a thousand words… So I have lots of them. I've also made an 18 minute video available to you, documenting step-by-step as to the build and the design. It may be helpful to you when you build this. I will include a link below to the video, but first let me give you a look at the greenhouse:

As you can see it is an attractive design that would fit nicely in anyone's backyard or pasture. The ***inside*** dimensions are 8'4" X 7'. You can make it longer using more cattle panels, but the width (7') will need to remain the same to give you a 6' 2" height at the peak. Remember, the longer you make it, the heavier it becomes, and the harder it will be to move. If you go over the length stated here, I recommend you replace the skids with 2X6's instead of 2X4's.

By the way, ***all the lumber used*** here is Treated ***Wolmanized Lumber*** – inside and out.

So, let's get to it.

# Foundation

We start off screwing together a simple rectangle made of treated 2X4's.

The inside dimensions are 7' X 101". Lay out your treated lumber to form the rectangle and simply screw them together. You could use lag bolts, but I have found them to be unnecessary.

***The picture below shows the detail of how to screw together the basic frame.***

The ends of the two skids need to be cut at an angle to make it easier to move (below):

# Raising the Panels

Next, you will put one end of the cattle panel inside the frame. Grab the other end while pushing it up till it starts to bow. Then place that end inside the frame on the opposite side.

***(Above) Bending the cattle panels in place within the frame.***

Do this with both cattle panels.

***Putting the 2nd Panel in place (above)***

Straighten the panels so that they line up, and are touching where they meet. Make sure the bottom frame is square, though there will be other occasions for squaring it up later.

***Here we have both panels in place. Note how they sitting on the ground… we're going to change that.***

# Attaching the Panels

Raise the panels up off the ground before nailing them. Note in the picture below, I have a scrap piece of 2X4 (on the left) holding the panel ***off the ground***. This will give you a little more headroom at the peak of the greenhouse, but the main reason for raising them a little, is that it keeps the panels from dragging the ground when you move it. As you pull it, ***all you want touching the ground are the skids***.

***Note the scrap 2X4 (at the left) holding the panel off the ground to nail in place (above)***

Nail the cattle panels to the frame using 1 1/2” fence staples. I always use galvanized.

# Framing the Door

After you cut your pieces from the drawings, you can frame up the doorway. Below is a picture of the door frame and the horizontal braces.

***Frame up one end for the door. In the picture above, the horizontals don't look very level do they?... easy fix… just tap on the end that joins the cattle panel to make it level…before you nail them in for keeps.***

Later, I'll show a better detail on how to attach the framework to the panels.

# Framing the Window

Then we frame up the other end for the vent window as pictured below. The “uprights” and the “horizontal braces” are exactly the same for each end *(the door and the window)* so you can cut them at the same time if you want to.

***Below is a picture of the window-end all framed-up.***

I used some T-braces on this one for demonstration purposes. You can see them in the picture above. I have found that they are unnecessary, but if you want to use them, you can.

The picture below is a detail of how to nail the horizontals to the cattle panels. Again, these are 1 1/2” fencing staples. I don’t think I would use anything shorter than that.

***Nail <u>all parts</u> that contact the cattle panels with 3 fence staples. Sometime the staples are spread out a little wide, so I tap them together to a more narrow position (the points are closer together). That can help to keep you “in the wood” so the nail doesn’t wind up sticking out one side.***

***Throughout the project I use 1 1/2” Fence Staples like these:***

**1# 1-1/2 GALV FENCE STAPLES**
**DESC:GALVANIZED**
**SIZE:1-1/2"**

**1# BOX**

*Click here to buy the Fence Staples today*

The next picture is a detail of how the top of the door frame is nailed. Again, I use 3 staples in each place, but I only put 1 or 2 in till I get it where I know I want it (square, level etc.) then I pound ‘em in hard.

***Top of door frame*** *(above )****secured with fence staples.***

So here you are… both ends framed up, just waiting on a door and window.

In the next picture, note the detail of the end cut of the horizontal braces.

It’s about a 15 degree cut. That follows the curvature of the panel pretty closely.

# Building the Door and Window

Now you're ready to make your door and vent window. They will be ripped out of 2X4's. Rip them in half lengthwise. That will leave you pieces that are approximately 2X2. You should only need to rip 2 of the 8 foot 2X4's to get a window and a door. (Note: Instead of ripping the 2X4's in half, you could just ***buy*** some Wolmanized 2X2's. They may cost a little more, but it will save you some time) Lay out the door and secure it with a screw in each end. Later you will screw a triangle brace at each corner to keep it from sagging (see drawings). Make sure you square it up before you install the triangle braces.

Below is a picture of the window and the door in place. The window doesn't have to be the size indicated in the drawings If you want to, you can make a ***smaller*** vent window opening. It can be 12" or 18" tall instead of 24". Just frame it up accordingly. Or, you can put a door on each end… or, if you are building a garden shed you may not want anything on one end…your choice. The door could be made to ***pull out*** instead of ***swinging in***, but you will have to change the height of it a little.

Hinges like these can be used on the window and door:

***I already had some hinges lying around, but if you don't, here are some like the ones I used:***

Click here to buy the hinges today

Note in the picture below that the vent window hinges at the bottom. The first one I built hinged at the top. I think the hot air will exit better if it hinges at the bottom, but it is more susceptible to rain coming in. So again, it's your choice as to whether to hinge at the top or the bottom.

***Window (hinged on bottom) ripped from 2X4.***

# Protect Your Covering

OK, now it’s time to install the pipe insulation to cover the exposed edges of the cattle panels. This will keep them from rubbing the plastic (or tarp) and tearing it in the wind.

***Exposed edges of cattle panels covered with 1/2" pipe insulation.***

***Detail (above) of how the pipe insulation fits.***

**I used ½" pipe insulation like this:**

**Thermwell Products 4Pk 3' Foam Insulation P10 Pipe Insulation**
**From Thermwell**

**You will need about 24 feet, so 2 packs should do it.**

Click here to get the pipe insulation today

***Don't skip this step*. I think the insulation is a very important thing to add.**
**This keeps the ends of the cattle panels from tearing the plastic.**

# Skin It Out!

Now you are ready to "Skin it Out". The next picture shows the plastic draped over the greenhouse frame ready to start positioning it before it's stapled down. (At this point you really want to make sure your building is as square as possible). Try to find a marking or label of some kind on the plastic (or tarp) as a reference point to make sure you are draping it over the structure in a position that is square to the panels. If there are no labels, there should at least be a crease where it was folded that will give you a reference point.

***After it is in place, begin to staple it down. I usually start on one side and do the bottom. Then, making sure it is fairly tightly stretched over the structure, I staple the other side across the bottom.***

***At that point it should look like the photo above.***

The picture below shows the plastic stretched all around the greenhouse and stapled.

There are a few tricks. I'll try to explain them…

***First… the plastic I used is 6mil plastic. That thickness should make sure it gives several years of service before it needs to be replaced. The plastic I used is like this:***

**Here is a link to a quality Greenhouse Plastic… the 16 X 25' roll will do one greenhouse:**

http://www.greenhousemegastore.com/product/4-year-greenhouse-film/plastic-greenhouse-film

OK… here are the tips for stretching the plastic over the greenhouse. It seemed to me that the best way to do it was if I "gathered" the plastic in my hand and stretched it fairly tight. Then I stapled it. ***The staples will be hidden later with the furring strips***, so don't worry too much about the way it looks at this point. Here is a picture of how I gathered the material to staple it:

Here's another picture (below) of "The Gathering" ☺

And another: This one (below) is on top of the door…

And another (below) showing the side of the door frame

OK… you get the picture (or pictures). Now we are going to start making it purty.

That's the way we say it 'round here in Texas.

# Finishing It Out

As I said, all the original staples will be covered by what I'll call furring strips. If you were cautious when you were cutting the frame pieces from the drawings, you should have ***one*** 2X4 left. It takes **nine** 2X4's to cut everything needed framing it up, and **one** to rip into several pieces for the furring strips. I made my strips about ¼" (maybe a little less). That way you get enough of them to complete the project. I put them on the door frames, the window frames, on the bottom of the skids and the horizontal braces pretty much anywhere the plastic meets the wood.

Here are several pictures showing the finished product, all trimmed out.

***Here's the finished Front View (above)***

The Furring strips not only dress it up, but they are critical for keeping the plastic from tearing in the wind.

***A view of the back (above)***

***Another view of the finished back at the window frame (above)***

***And of the back and skid, all trimmed out with the furring strips.***

***Note the hole drilled in the end of the skid.***

***This is where you will put your rope through to pull it around.***

***A corner view (above)***

Note the trim strips on the horizontal braces as well as window frame. I used drywall screws to attach the furring strips. If you use screws, you might want to drill the holes first, as the thin furring strips have a tendency to want to split. Some long staples in a finish nail gun might work better here.

***(Above) A rear view…window closed up… and a happy chicken***

Note that it is a "Quonset" style design. This is very strong. The winds don't seem to bother it at all. This is my 3rd winter with my original greenhouse. We have had some VERY strong winds during that time, with no effect on it whatsoever.


Many have asked about the specifications of the cattle panels. As you can see in the picture above they made from ¼" (actually they look to be .22") galvanized rods, welded together into a grid. The ones I used are **50" tall** and **16' long**. In other words, if you stood them up like you were making a fence, it would make a fence 50" tall and 16' long. The grid spacing is not important. The grid on these are about 4"X 6" at the bottom, and about 2' up the grid changes to 6"X 6". I was told that in the UK they are called Kestrel Handy Mesh Panels 610 X 910 X 6 X 6mm. I looked at a picture of them. It does seem to be the same panel.

# The Vent Window

Now… let me go back to the vent window… **I think it is VERY important to have an automatic vent opener.** Having a vent opener will help to keep it from getting too hot inside the greenhouse, in case you are not going to be around to open it. And believe me it **can** get hot in there. One particular sunny day it was about 80 degrees outside and ***well over*** 100 inside, so if you are not sure you are going to be there to open the vent… every sunny day… you should really consider an automatic vent opener. This is the 3rd winter for mine and it still works great!

Mine is like one of these:

This one can be found here

***Here is another one that is similar:***

Click here to buy this one today

**So… there you have it…**

**I call it the cheapest, sturdiest, most stylish, handiest, most awesome, brilliant, incredible, outstanding, innovative, simplest, most durable portable Greenhouse ever designed!**

**And it can pay for itself the first year.**

***Wouldn't this look GREAT in your backyard!***

Yep, it's a very attractive greenhouse design... best of all…it's ***portable***. In the winter, you can move it to the sunniest place you have, and let your seedlings get all the sun they need. In the heat of the summer, you can move it to a shadier place so anything you still have in there won't cook. Another summer idea is to cover it with shade cloth and grow heat sensitive plants in there. Also, one of the problems I've always ran into here on my homestead, was building a structure, then... I need to build something else and I wish I hadn't put a certain thing in a certain place. I either have to change my plans, or tear down something I've already built, to put up the new item. With this greenhouse, I can move it wherever I want.

So, if you want a greenhouse but the prices seem out of your reach, this may be what you've been looking for. All total, I built this one for less than 150 dollars. THAT'S CHEAP ! It's not hard to build, and will only take you a few hours. I've used it to start seedlings, harden off seedlings, dry tobacco, and I'm sure it could even be used as a HUGE SOLAR DEHYDRATOR. In fact, I'm definitely going to try that this year! I didn't have to cut any of the cattle panels on this, and neither will you if you build one this size. But, if for some reason you ***do*** have to cut them, I found that ***bolt cutters work best***. You can use a grinder or hacksaw, but bolt cutters are quicker.

Again, you probably won't find a more affordable and durable design.

Now, for a garden shed, goat shed or chicken tractor, you may want to make it ***much more permanent***. And as I said before, tarps wear out. So for me, the obvious answer to that dilemma was to ***cover it with metal***, instead of plastic or canvas.

So, I had to figure out a way to use metal on this curved design, and attach it to the panels.

Hmmmm… what to do…?

# Covering With Corrugated Metal

I had to figure out a way to fix the metal sheeting to the metal panels. Here's what I came up with. And again, it's about as easy as wrapping it in plastic. Here's one I built:

Notice that the basic design did not change. The difference is that this one is a lot wider. This one is 12' wide, which means a lot more square footage. The drawback (though I don't think chickens or goats will mind) is that ***as you widen the structure, you lower the height***. This one is only about 4' high, but unless you have some freakish Mega-Goats, that should give them plenty of headroom. Below is another shot of the side. The screws are hard to see 'cause I painted them.

You probably can see that the "skids" are not 2X4 lumber. I used some metal "U" channel pieces that I took off an old garage door. I think they are 18' long, making this a 12'X 18' structure.

Below is a look at the back. Note the metal overhangs a little off the back, to shed water better.

Also note the hinged door on the back to collect eggs without going in.

OK, I know most goats don't lay eggs, but I originally built this for use as a Chicken Tractor.

This is a look at the inside back wall (above). Note that it is framed up basically like the Greenhouse. I added a 2X4 or two just to make sure I had plenty of places to screw the metal on the back wall. The unpainted 2X4's that you see were originally going to be the roosts for the chickens. If you are going to use this for chickens, this might be how yours will look too.

Ok, how to attach the metal…

Easy! I just used some scrap fence boards that I had on hand for "furring strips". They were originally 1X6's, but I ripped them down the middle to make 1" X 3" strips. Mine were Wolmanized, but since they are on the inside, they probably don't ***have*** to be.

If you have help, get someone to hold them from inside the structure while you screw the metal down from the outside. The metal screws will pull the metal down against the panel, to the furring strips and will make it very stable. I didn't have help at the time, so I used some cable ties to hold the boards in place while I went on the outside and screwed the metal to them.

Make sure the metal and furring strips are square to the panels before you screw it together. OK, some of mine aren't that square, but again, I didn't have any help, and the chickens never noticed. Start on one side, as low as you want to (you can see I didn't go all the way to the ground) and work your way up and over. Doing the very top is a little challenging. Use a ladder. You will need to lap the metal over at least one "crest" (that's what they call the rise in the metal). I overlapped 2 "crests". The more you overlap them, the more rain-proof . I wasn't that concerned about it being absolutely, completely, 100% rain-proof, but if you ***are*** (like you are storing a lawn mower or other tools in there) make sure you overlap at least 2 crests. You can also apply caulk or other sealant in the "troughs" and crests where the metal sheets overlap. The "trough" is what they call the "dips" in the metal.

I think that pretty well explains it, so let's look at some more pictures.

If you are really concerned about weather proofing it, you may want to use twice as many furring strips as I have here. The light you see at the top shows that it is not completely sealed. That is why I had the overlap on the back… to keep rain from blowing in.

Again, you screw from the outside. The screws I used were a little long, so I came back and ground off the points flush with the furring strips so no one (myself included) would cut their head on the screw points.

Here's another picture (above) showing the attachment of the "roosts" for the chickens.

Note: Most ***goats do not roost***, so this will be unnecessary if you are building for them. ☺

I let my lattice boards extend a little too far. They can be cut off later. Now… the REASON they look long here, is because on the back side, I let my metal hang over the back of the building about 4" as you saw in a previous picture. This will give me a little drip overhang. This may not be critical for livestock, but if you build for storage, any overlap will make it more weather tight.

Also note the cable ties that I used to hold the boards in place while I screwed the metal down.

I think that about covers it *(pun intended).*

And just so you'll know, I used old boards for lattice, and old sheet metal for the roof. The metal was about 15 years old, taken off an old shed, and looked pretty bad. It was a little rusty with a few dings and dents in places. To make it more presentable, I sprayed all of it, inside and out, with a fresh coat of white paint when I was done. That should make whatever livestock I put in it happier with their new"digs" …don't *you think…?*

So…

The Materials List and Drawings for the ***Greenhouse*** are below… ENJOY .

And *send me your pictures when you build one*! alan@homesteadadvisor.com

As promised, you can also watch an 18 minute step-by-step video of the Greenhouse construction here:

http://www.youtube.com/watch?v=-DKlXs8iov0&list=UUEHPs560RHUcsD0modg-lSA&index=1

Watch all my other videos at: http://www.youtube.com/user/texasprepper2

# Material List

(10) 2 X 4 X 8’ WOLMANIZED

(2) 2 X 4 X 10 WOLMANIZED (for the skids)

(2) CATTLE PANELS (16’ X 50”)

(2) PAIR HINGES (for door and window)

(1) DOOR HANDLE

3” DECK SCREWS (APPROXIMATELY 1 LB)

1 ½” GALVANIZED FENCE STAPLES (APPROXIMATELY 1 LB)

½” PIPE WRAP (APPROXIMATELY 24’)

CLEAR PLASTIC (APPROXIMATELY 18’ X 24’)

OPTIONAL:

AUTOMATIC VENT OPENER

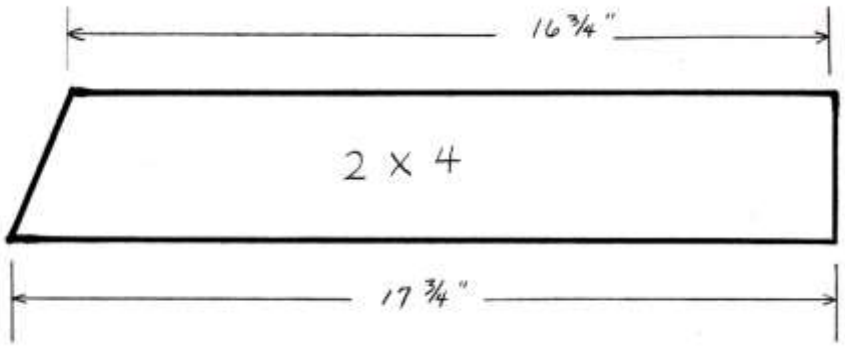
Note: This material list is for an 8’4” X 7’ Structure

# Uprights

(4 Pieces)

## Cross Braces

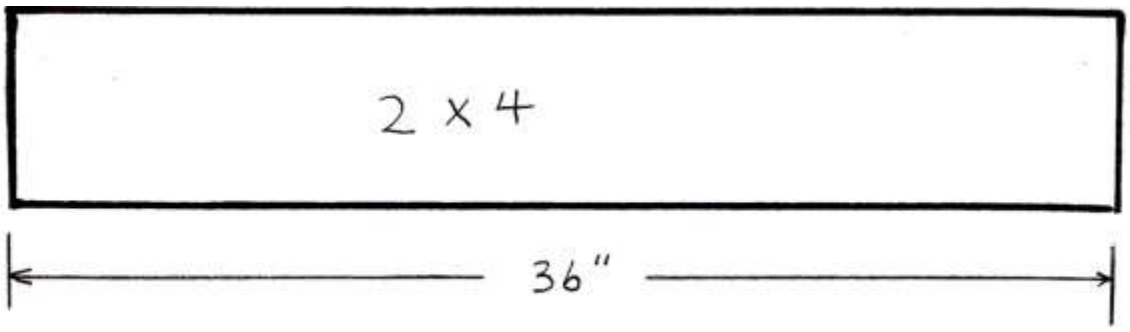
(4 Pieces)



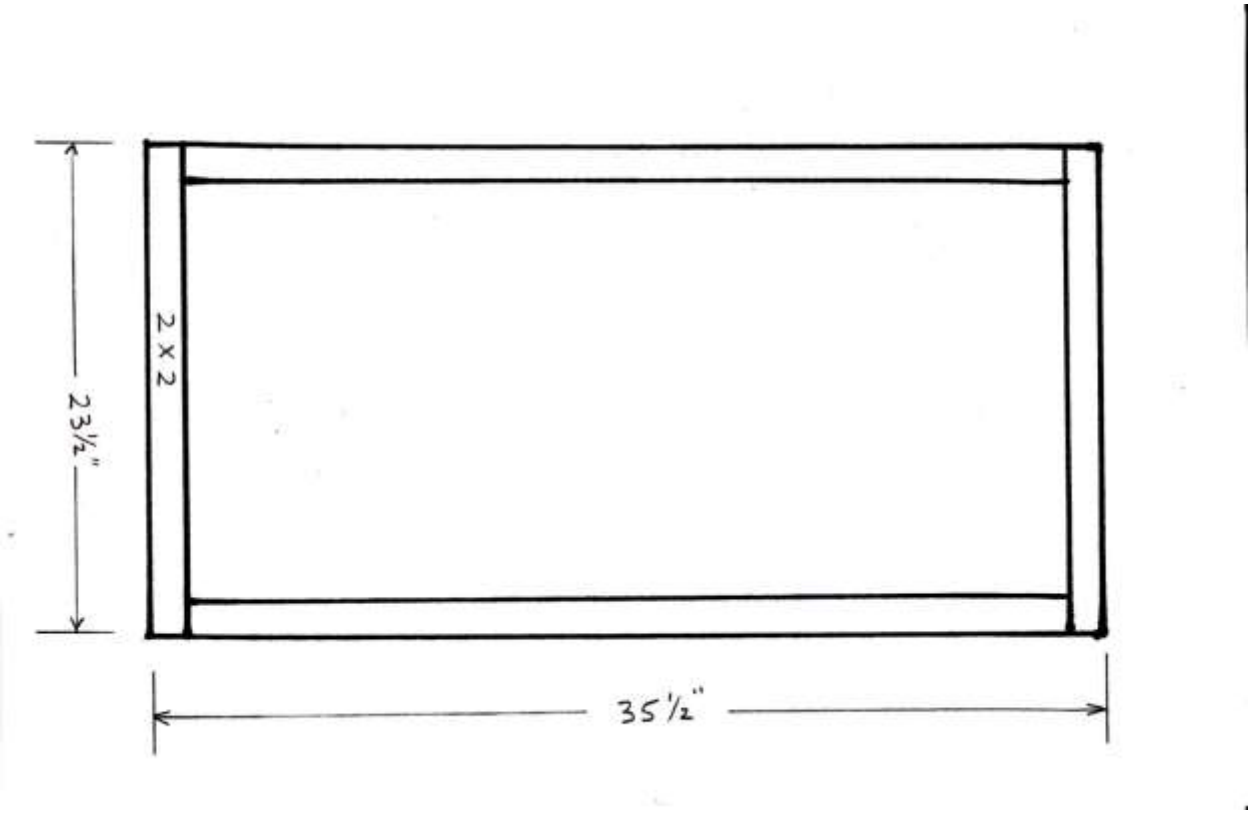

## Headers/Sill

(3 Pieces)

(Door Header – Window Header – and Window Sill)



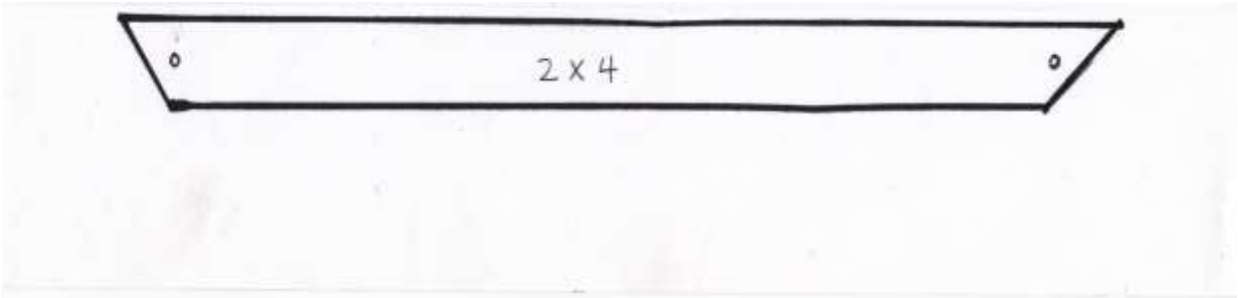
# Window




# Skids

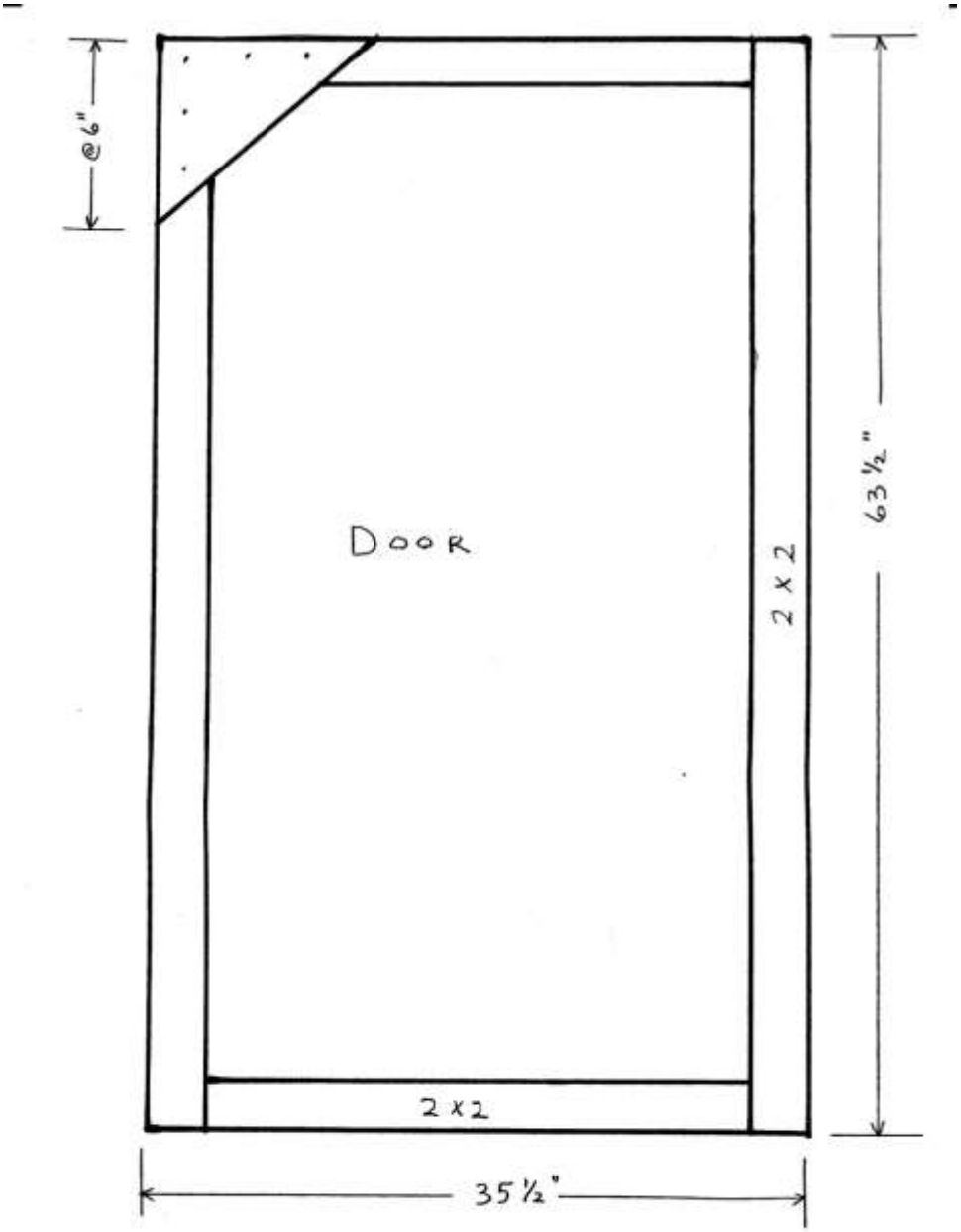
**( 2 Pieces )**

Length will be determined by overall length of Greenhouse you build.

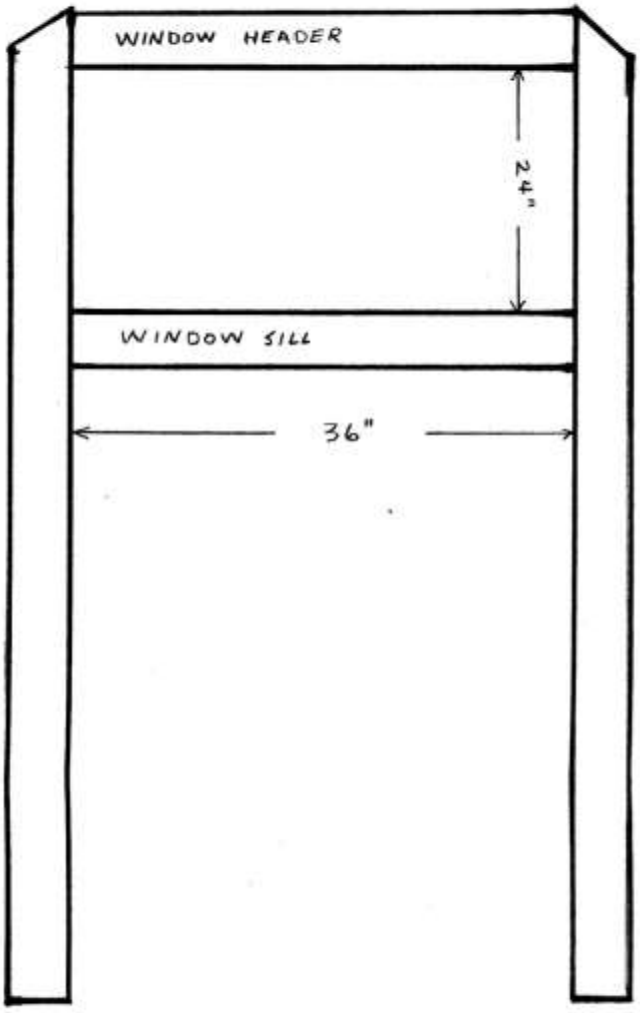


# Door

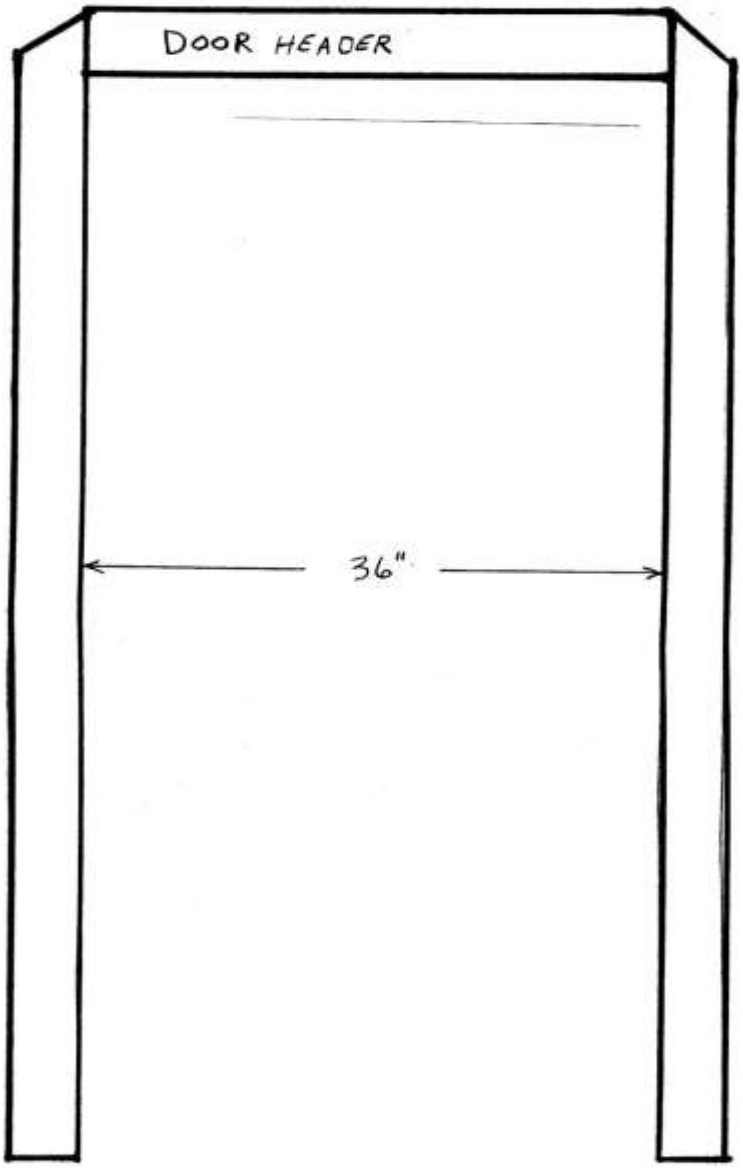
Make triangle braces from scrap plywood, and screw them to the door after squaring it up.



# End Framing View (for Window)



# End Framing View (For Door)



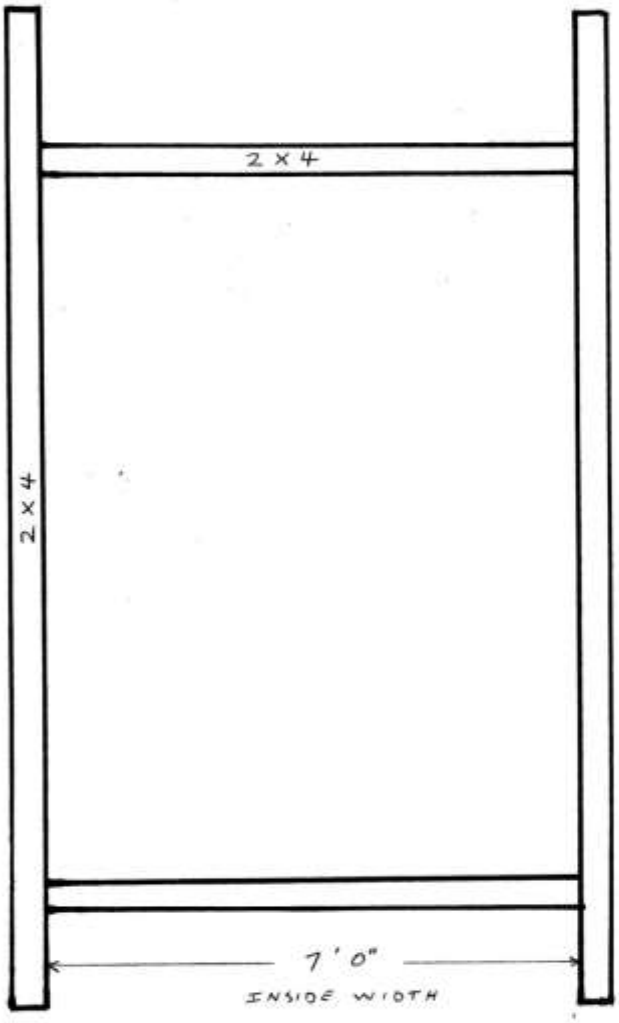
# Overhead View of Frame

## Inside width is 7’ 0”

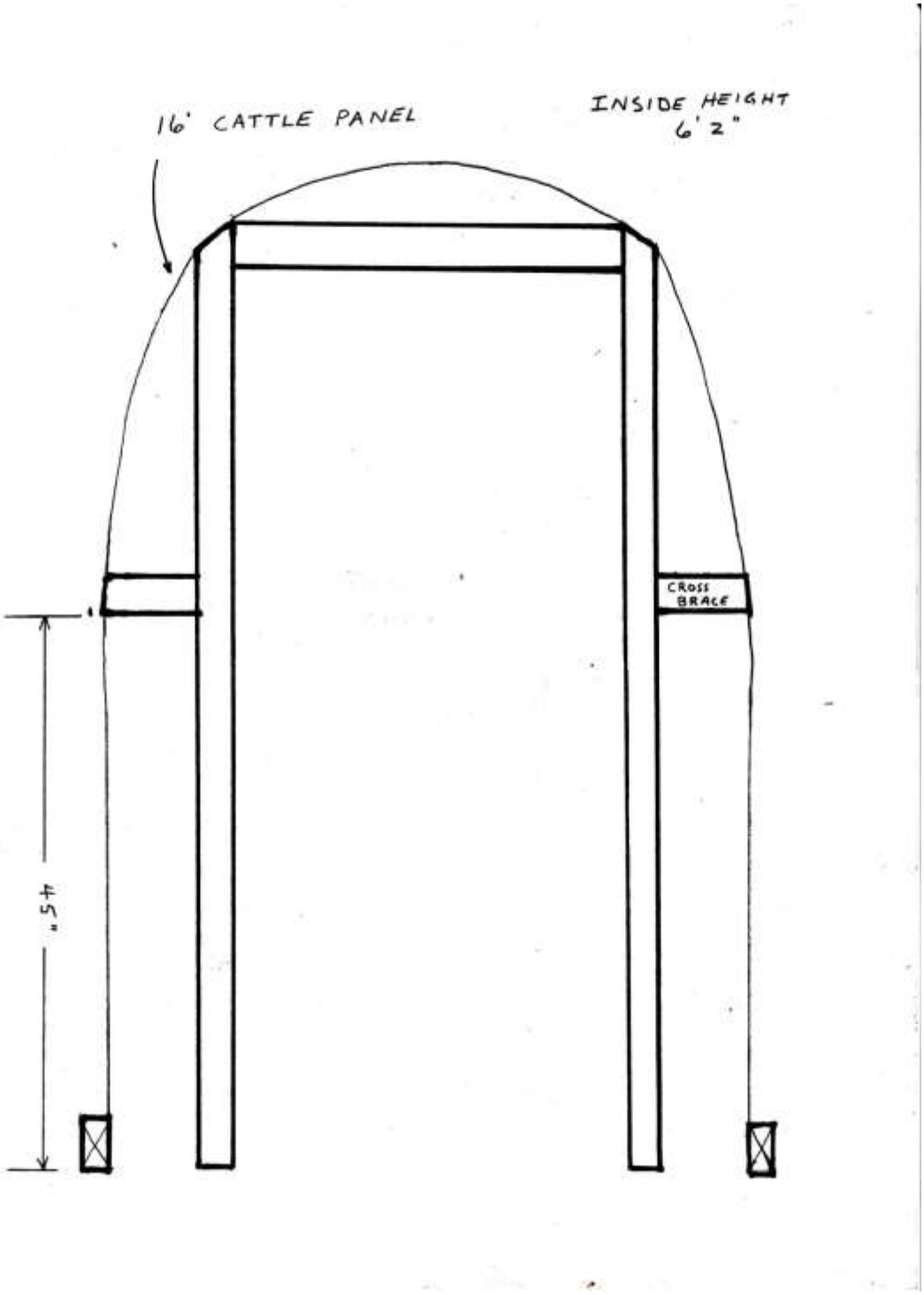
Overall **length** is arbitrary, and will be determined by **how long** you decide to build your Greenhouse

In this case, the Skids are 10’ Long and the ***inside length*** is 101”

If you build your greenhouse longer, consider using 2X6 Skids instead of 2X4



# Front View



# Final Words

Thanks so much for purchasing this E-Book.

I think you will find this structure to be very sturdy and adaptable for other uses. Some have asked about how it would handle a snow load. Well, I can hang inside from the center of the panels, and though they do bend down a little, it handles my 200 LBS. One guy that built one up north said the snow just rolled off of it.

It's usually a one day project, and can be done by one person. It speeds up the process a lot if there's someone to help hold the frame while it is being hammered, but I have always built them by myself and had no problems doing it.

For more information about other facets of Homestead Living check out my website:

http://homesteadadvisor.com/

I will be posting pictures of greenhouses, sheds, etc., that others have built using this design.

Again, you can watch the step-by-step video of the Greenhouse construction here:

http://www.youtube.com/watch?v=-DKlXs8iov0&list=UUEHPs560RHUcsD0modg-lSA&index=1

On my YouTube Channel, I have ***over a hundred and fifty videos*** about Homestead Living covering a variety of subjects. I teach gardening techniques and how to make wine. I show my solar power system and discuss emergency lighting, long-term food storage, dehydration, plant propagation and many other self-sufficiency subjects.

To watch any of my other videos go to:

http://www.youtube.com/user/texasprepper2

# THANKS AGAIN!