

Frame Building Instructions

Sheet 3

Step 1:

Cut All Wood To Length

Note: Cut ends As square as possible, this makes assembly alot easier.

4 -req - 4x4 79" long

4 -req - 4x4 72" long

4 -req - 2x4 72" long

3- req - 2x4 12" long

Step 2:

Layout the hole positions on both ends of the Front and Back 4x4's,(4 pcs) using a Compound Square and the dimensions Shown on Sheet 1

Step 3:

Screw the 3- 12" pcs of 2x4 onto 1 end of one of the 4 side 4x4's Leaving about 2-2 1/2" Sticking of the end of the 4x4.
(the 4x4's that are not marked with hole positions. See Sheet 2)

Step 4:

Place an end of a Front/back 4x4 against the 3 2x4's and 4x4 (with the pencil marked holes facing out, like shown on Diagram to the right (Tap with a Hammer if tight)
Note: Its helpful to place the opposite end of the 4x4 with 2x4's attached against something solid for drilling and hammering.

Step 5:

Toe Screw this assembly together temporarily (Marked 4x4 to 2x4 or to other 4x4)

Step 6:

Drill 2 holes that are a little smaller than the small diameter of the lag screw (the inside of the threads) in the marked positions about 4" Deep, this should pass through the front/back 4x4 and into the end of the side 4x4 about 1/2"Deep.Be sure your drill is long enough to enter the end of the side 4x4, you will need to drill these holes deeper when the front/back 4x4 is removed. Remove toe screw and front/back 4x4.

Step 7:

Drill the Holes that are now on the end of the 4x4 -4" Deeper, with the same drill.

Step 8:

Open Up the holes in the Front/back 4x4's with a drill bit thats about 1/16" larger than the main shank of the lag bolt (the outside of the threads)

Step 9:

Replace 4x4 with opened up holes to the end of the side 4x4 (with holes in end) and ratchet in 2 lag bolts
Note: If Your pit frames are not going to be buried in the ground, you should counter bore the 2 holes so you dont see the heads of the lag bolts and if you do, use a drill large enough for your socket to fit in.

Step 10:

Repeat steps 3-9 on all remaining 7 conners.

