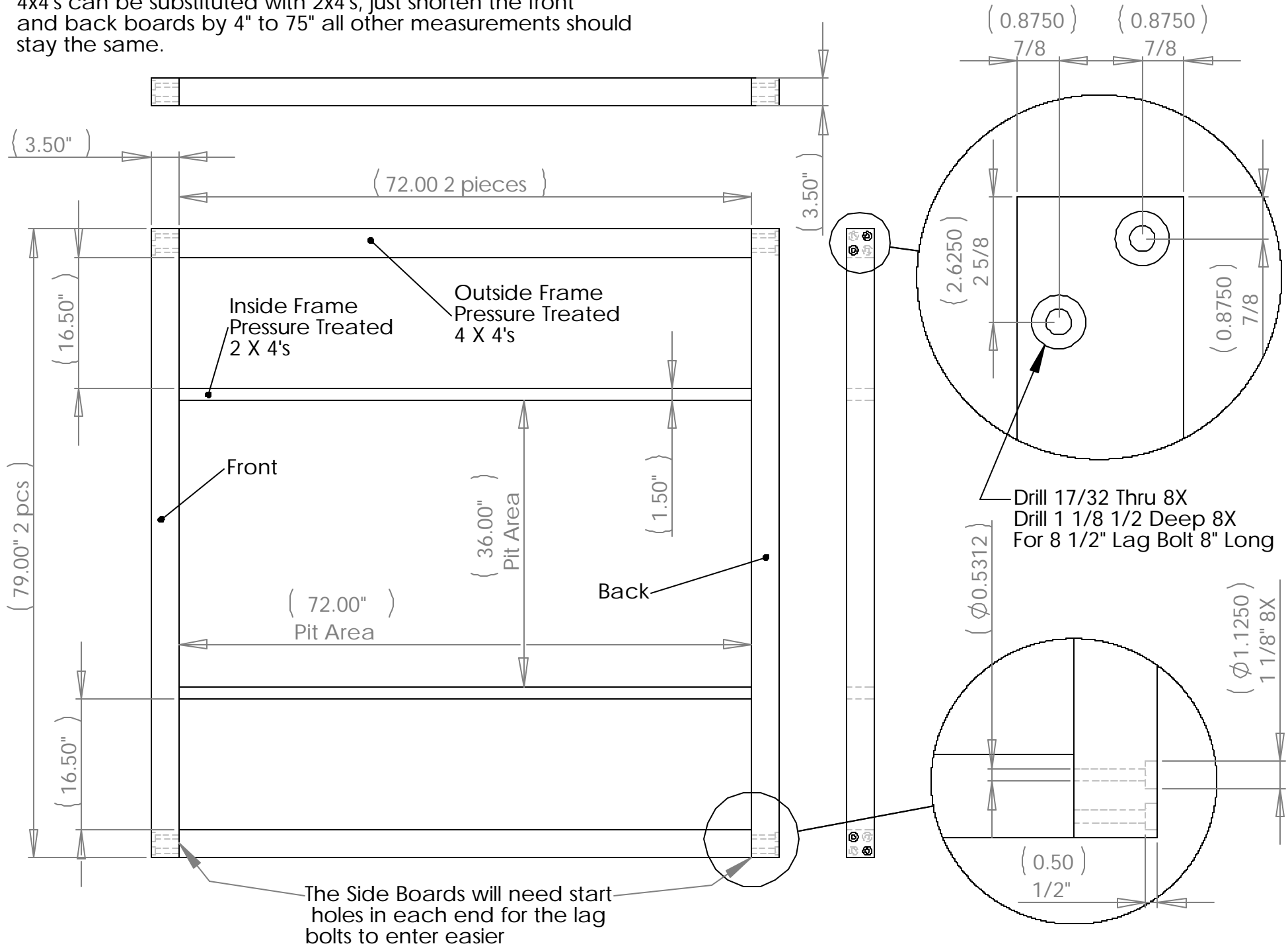


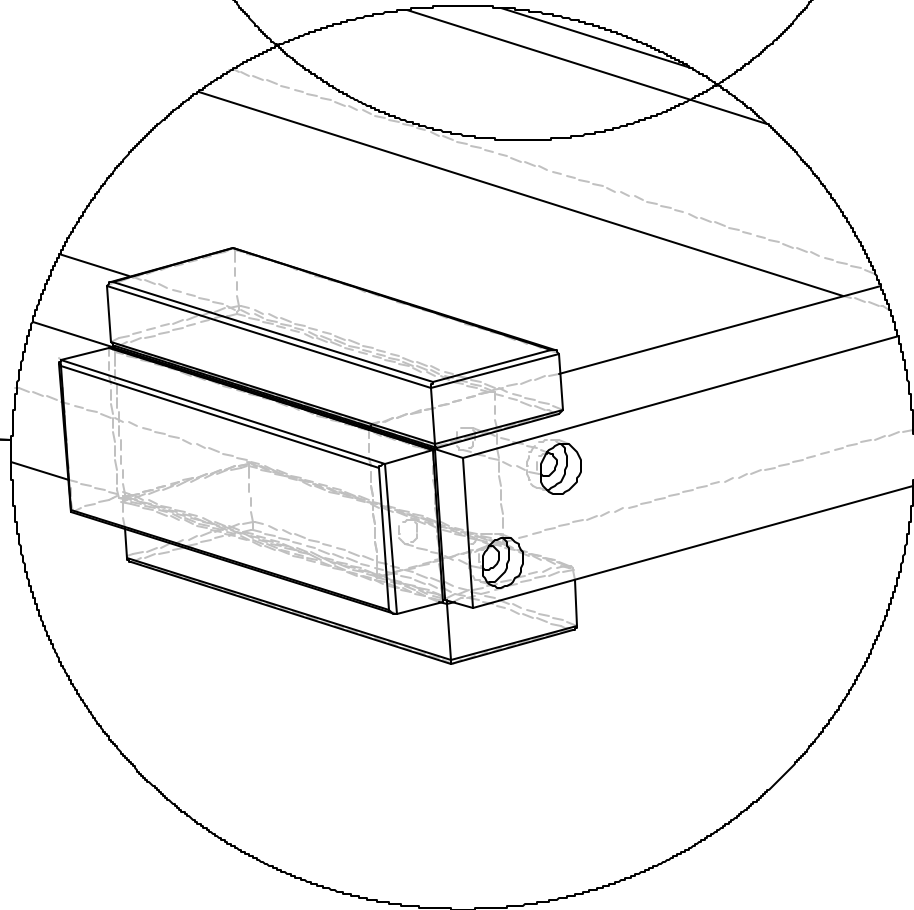
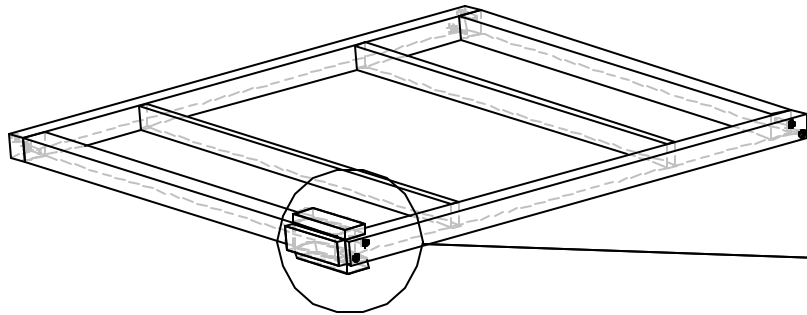
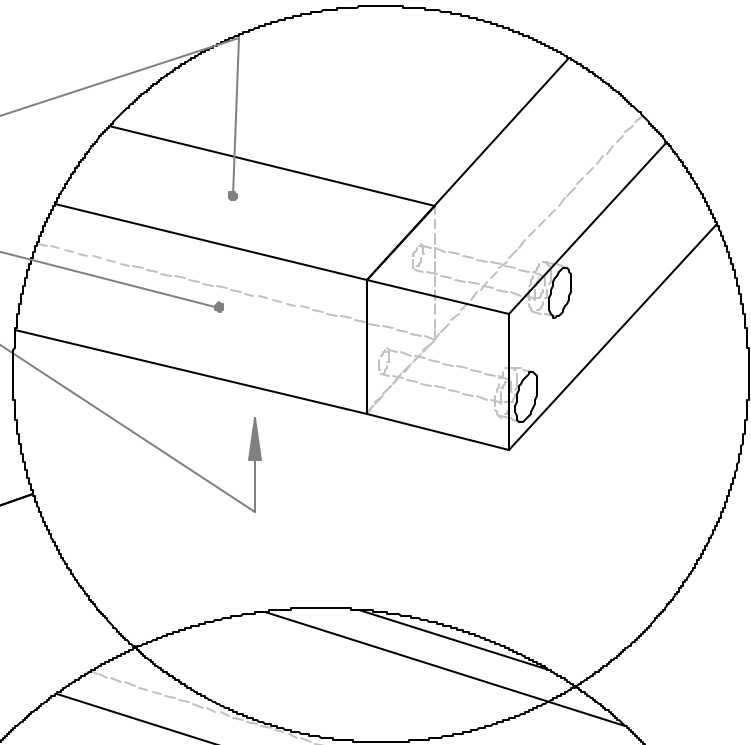
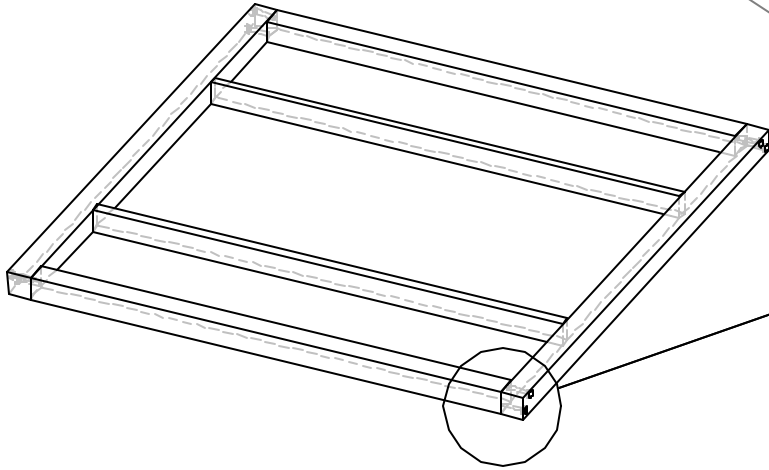
Horseshoe pit Frame

4x4's can be substituted with 2x4's, just shorten the front and back boards by 4" to 75" all other measurements should stay the same.



Sheet 2

It Really helps to screw temporary Pieces of wood (12" 2x4 pcs.) to the top, bottom, and outside edge of the side boards. This helps hold the front and back boards in place for drilling the start holes in the ends of the 2 side 4x4's. Also screwing in the lag bolts is easier this way too.



Use the same 3 pieces At each corner
1. Screw on 3 2x4 pcs Like shown
2. Drill Start Holes on layout marks at least 4" deep

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)

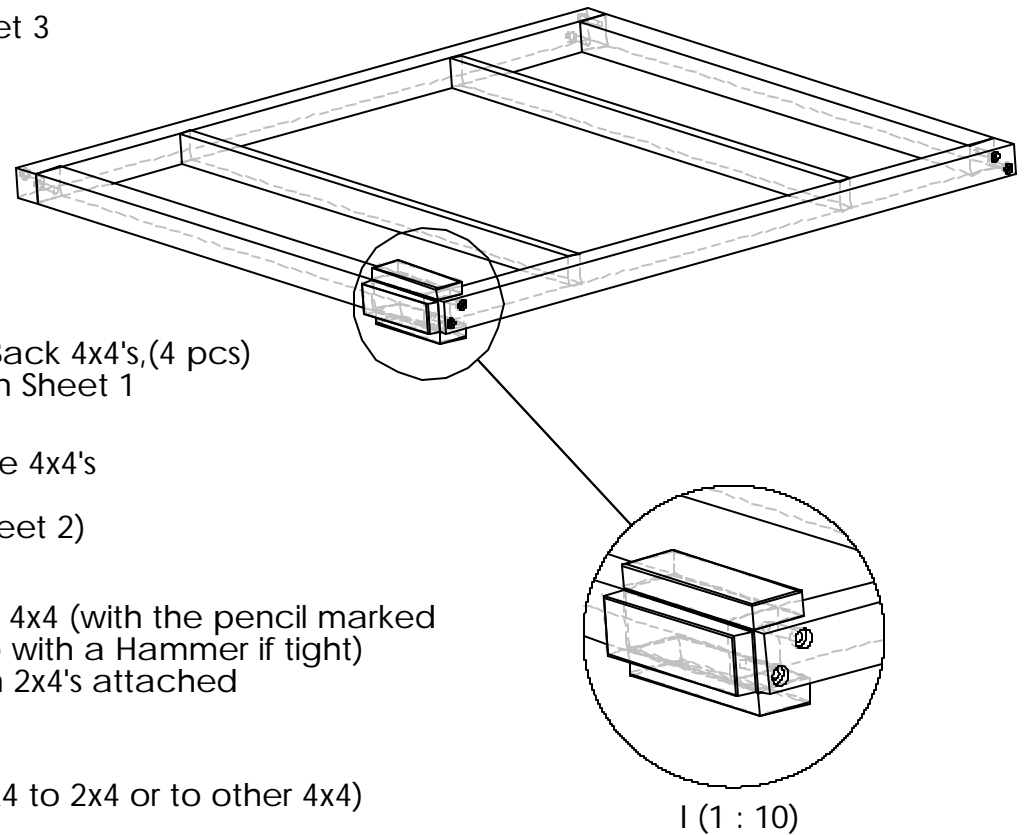
Step 9:

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.



Frame Building Instructions

Sheet 4

Step 10:

Measure and Mark the front/back 4x4's on the inside of the box 16 1/2" from the side 4x4's in (See Page 1 Diagram). Use a square and draw a square line on the mark top to bottom.

Step 11:

Place a 12' pc of 2x4 you used in previous steps on the lines at each end front and back. Screw them temporarily in position, not sticking out past the bottom edge of the pit frame. (See Diagram to the right)

Step 12:

Place one of the inside 72" 2x4's against the 12" 2x4's like shown. Hold the 72" piece flush with the top surface and toe screw (diagonally), two 3" long galvanized drywall screws through the 72" 2x4 and into the 4x4 on both ends.

Note: the reason for screwing this way is because when the boards get damaged or warped which will happen, the 2x4's can be easily replaced after the concrete has been poured.

Step 13:

Remove the temporary 12' 2x4's and repeat steps 11 and 12, measuring from the opposite side of the 4x4 frame, then repeat steps 11, 12 and 13 on pit frame #2.

Note: Once the inside 2x4's are screwed in place the center rectangle should measure 3ft x 6ft to the inside edges.

Now You pit frames are ready for placement

