

MATERIALS NEEDED TO BUILD (1) 4'x7' PINE DUTCH DOOR:

To build one 4'x7' (48"x84") Dutch door, you will need to purchase (6) 1x10x8' T&G boards for the door itself and (8) 1x10x8' square edge boards for trims & cross-bucks. In addition, you will need to buy (1) 4'x8'x1/2", 5/8" or 3/4" thick piece of plywood for the back, 48" long metal chew guard, 20" or 24" hinges, latches, bolts, washers, hex nuts, lags, glue and screws.

(6) 1x10x84" T&G Main Vertical Boards

(2) 1x10x48" Square Edge Boards (for middle of door, one on each side). These boards are 9-1/4" wide.

(4) 1x4-1/2"x48" Horizontal Trim Boards (for top & bottom of door, both sides)

(4) 1x4-1/2"x39" Vertical Side Trims for Bottom Door Section (both side of door)

(4) 1x4-1/2"x26-3/4" Vertical Side Trims for Top Door Section (both side of door)

(1) 1x4-1/2"x48" (approximate) Top Cross-Buck Trim (cut to right length & angle as per drawing)

(1) 1x4-1/2"x56" (approximate) Bottom Cross-Buck Trim (cut to right length & angle as per drawing)

(2) 1x4-1/2"x22" (approximate) Top Cross-Buck Trims (cut to right length & angle as per drawing)

(2) 1x4-1/2"x26" (approximate) Bottom Cross-Buck Trims (cut to right length & angle as per drawing)

(1) 38-7/8"x38-7/8" Plywood Piece For Bottom Door Section

(1) 38-7/8"x26-5/8" Plywood Piece for Top Door Section

NOTES: Cut plywood to right size after door is assembled. Plywood may be 1/2" - 3/4" thick

Purchase one extra 1x10x8' square edge board for trims (in case you cut something wrong)

MATERIALS NEEDED TO BUILD (1) 4'x7' PINE DUTCH DOOR:

To build one 4'x7' (48"x84") Dutch door, you will need to purchase (6) 1x10x8' T&G boards for the door itself and (8) 1x10x8' square edge boards for trims & cross-bucks. In addition, you will need to buy (1) 4'x8'x1/2", 5/8" or 3/4" thick piece of plywood for the back, 48" long metal chew guard, 20" or 24" hinges, latches, bolts, washers, hex nuts, lags, glue and screws.

(6) 1x10x84" T&G Main Vertical Boards

(2) 1x10x48" Square Edge Boards (for middle of door, one on each side). These boards are 9-1/4" wide.

(4) 1x4-1/2"x48" Horizontal Trim Boards (for top & bottom of door, both sides)

(4) 1x4-1/2"x39" Vertical Side Trims for Bottom Door Section (both side of door)

(4) 1x4-1/2"x26-3/4" Vertical Side Trims for Top Door Section (both side of door)

(1) 1x4-1/2"x48" (approximate) Top Cross-Buck Trim (cut to right length & angle as per drawing)

(1) 1x4-1/2"x56" (approximate) Bottom Cross-Buck Trim (cut to right length & angle as per drawing)

(2) 1x4-1/2"x22" (approximate) Top Cross-Buck Trims (cut to right length & angle as per drawing)

(2) 1x4-1/2"x26" (approximate) Bottom Cross-Buck Trims (cut to right length & angle as per drawing)

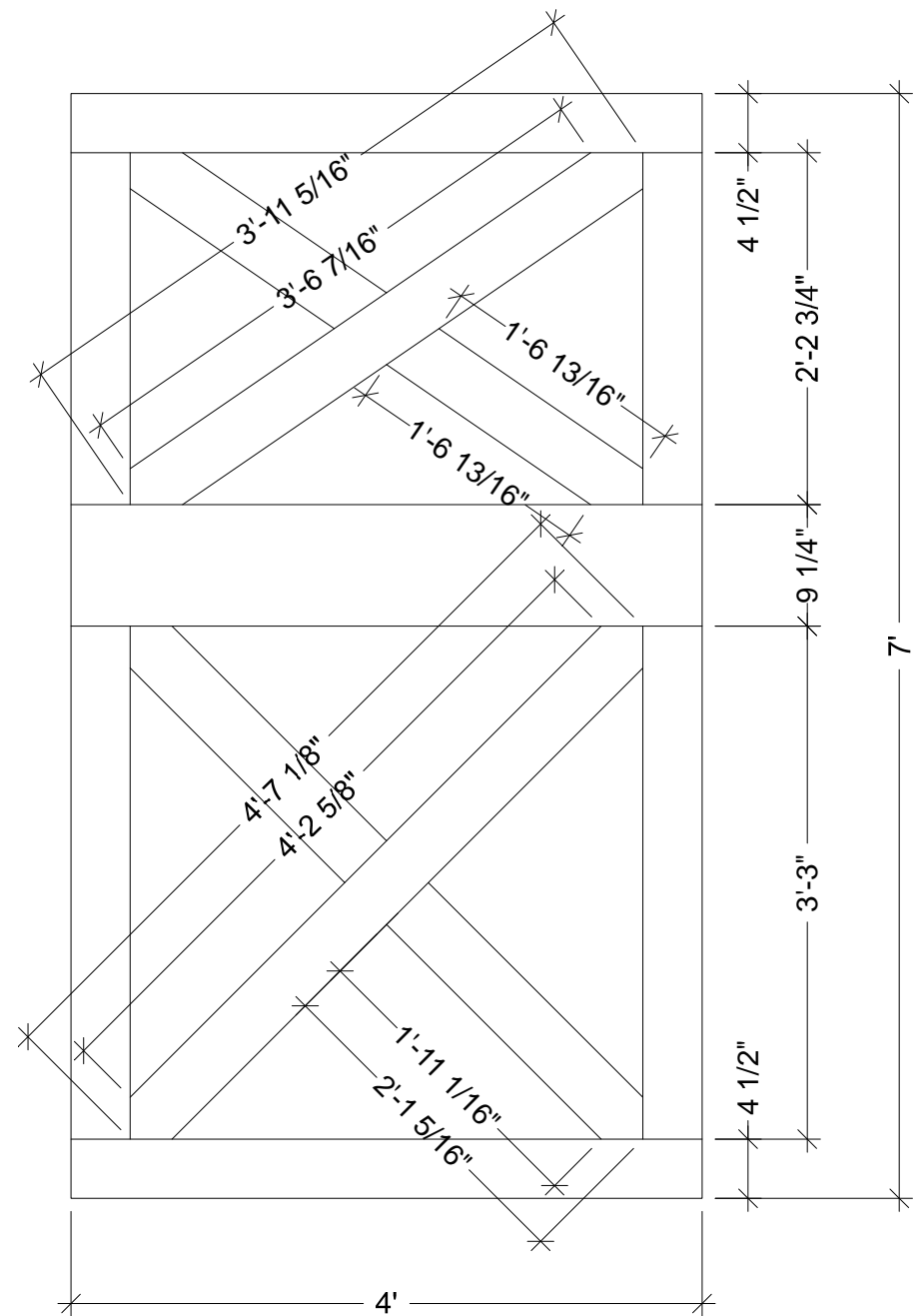
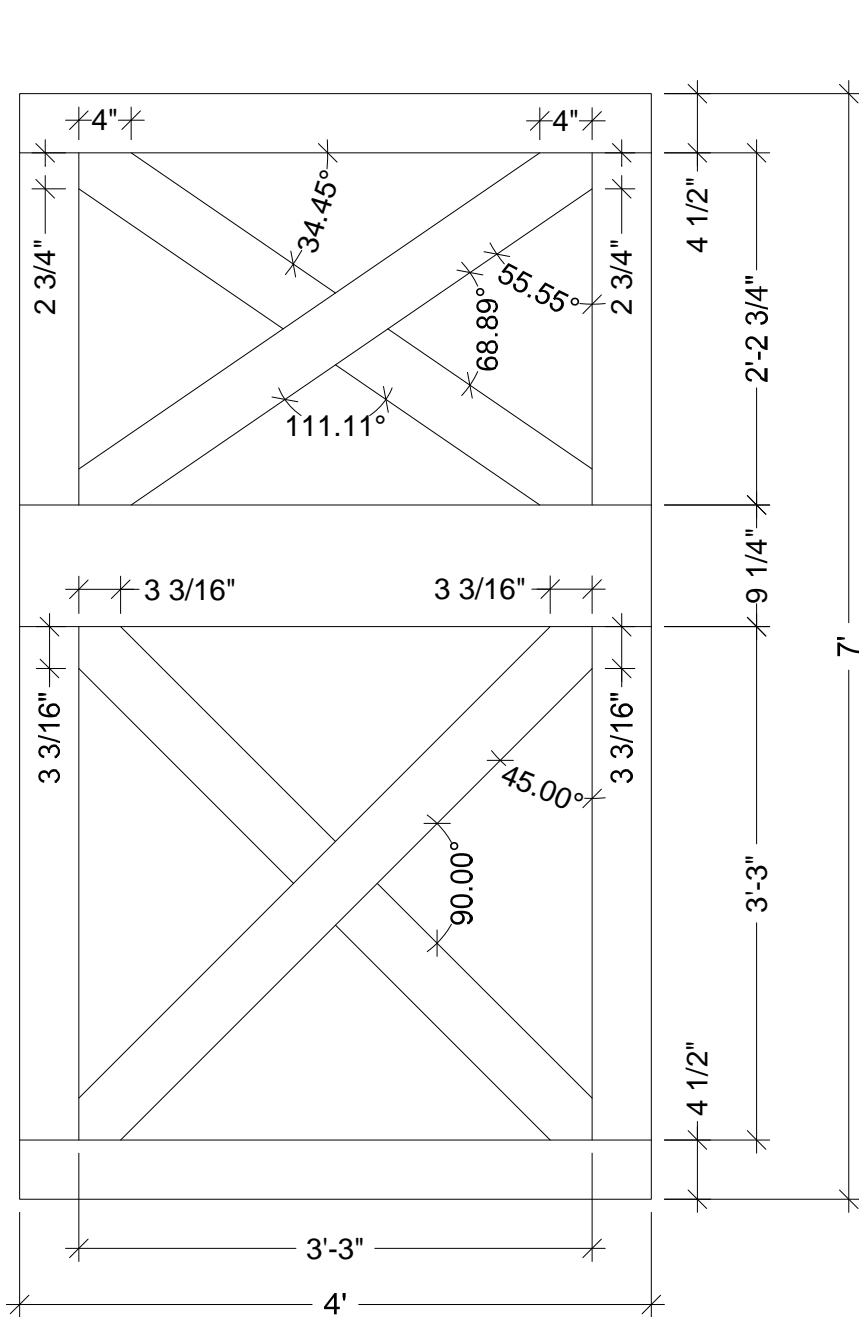
(1) 38-7/8"x38-7/8" Plywood Piece For Bottom Door Section

(1) 38-7/8"x26-5/8" Plywood Piece for Top Door Section

NOTES: Cut plywood to right size after door is assembled. Plywood may be 1/2" - 3/4" thick

Purchase one extra 1x10x8' square edge board for trims (in case you cut something wrong)

4'x7' WOODEN DUTCH DOOR



NOTE: In the instructions below, I have fastened screws from the outside of the door so your screws are visible from outside. If you prefer screws not to be visible, you would need to fasten them from inside. See construction plans for [Building Nicer Looking Door](#)

- Cut (6) 1x10x84" T&G boards. Take (1) of these boards and rip the groove off on table saw (taking approximately 1/2" off) on one side only.
- Next, cut (4) 1x10x48" square edge boards (not T&G)
- Take (2) of 1x10x48" boards you just cut and rip them in half (make them 4 1/2" wide). You will use them for top & bottom trims on both, outside & inside of the door.
- Prepare level flat surface and fasten (2) 2x4 boards making a temporary L-shape jig for your door. Make one side of L 7' long and other 4' long. Make L-shape jig perfectly square (you don't want your door to be off square).
- Lay (6) 84" T&G boards in your jig starting with a board that has a groove ripped off. Lay all of the boards with nice side up (or rough side up if using barn siding). This side will be the outside (face side) of your door when you are done. On the door, these are your vertical boards.
- Slightly tighten all of the boards with C-clamps (do not over tighten).
- Determine the width of the last T&G piece to rip to build up the door to an exact 48" width.
- Rip the last 1x10 T&G piece to right width, remove C-clamps, put the last ripped board in place and tighten again with C-clamps. Note: Do not over tighten your C-clamps.
- Place (1) 1x4.5"x48" horizontal straight edge board (the one you ripped in half) on each end of the door (top & bottom of door) keeping it flush with all of the outside edges and fasten the board with screws. Note: Apply optional exterior wood glue to back side of trims & cross bucks before fastening them with screws.
- Fasten 1x10x48" board measuring 48" from bottom to center of 1x10x48" piece, so, when you cut your door in "half" you will end up with 4" bottom section and 3' top section.
- Next, measure the distance between horizontal boards and cut the Side Trims to fit. To make the Side Trim, rip 1x10 straight edge boards to 4-1/2" in width, cut to length and fasten with screws, keeping them flush with door edges. You will need (4) Side Trim pieces for each side of the door.
- Next step is to prepare your cross-bucks. This is probably the hardest part of the door to do. Cross-bucks should also be 4-1/2" wide and you will need to take time to determine the right angles and length of each cross-buck. Cut your cross-bucks and fasten them in place.
- Next, turn the door upside down and fasten all the horizontal and side trims on the back side of the door same way as you did on the front (face) side. Do not fasten cross-bucks on back side.
- Now, take plywood, rip it and cut it to right size in order to fit it between your horizontal & side trims. Glue plywood in the back and fasten it with screws or staples (if you have staple gun). As an option and to make door look nicer, you can caulk all of the plywood edges with white caulking to hide its edges.
- Last step is to set your circular saw on angle (about 15deg) and then cut your door in "half" in the center of your middle 1x10x48" trim, so you end up with 4' bottom section & 3' top section. You can either hang the door first and then cut it or first cut the door and then hang it (it's your choice).