

Garden Box Design Plans



Garden Box Materials List

QTY (Lumber)*

5 @ 2"x4"x120"(10')*spruce* - Cut two of these boards into 120" pieces . Cut two of these boards , each board, into one 48" piece and three 18 ½" pieces . Cut the last board into six 18 ½" pieces.

4 @ 2"x10"x120"(10')*spruce* – Cut all four boards at 114 ½".

2 @ 2"x10"x96"(8')*spruce* – Cut each of these boards into two 42 ½" pieces.

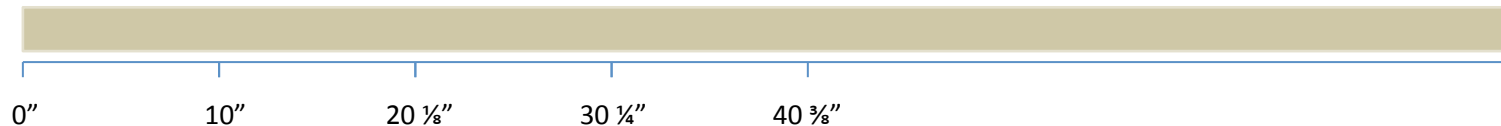
QTY (Fasteners)***

88 @ 2 ½" wood screw

* Lumber can be a variety of materials. For this designs purposes use untreated spruce. When marking for cut placement be sure to account for blade kerf. This is often ⅛". If you are marking in a consecutive fashion from a single start point this must be added to each measurement mark beginning with the second value. See example below.

** Fasteners can be a variety of materials. Screws, nails, etc. Length is really the only requirement. Grade should be considered as this will affect durability.

Example. This is based on a consecutive 10" measurement with an ⅛" added to the markings for kerf allowance. Place cut on the right side of each marking to be sure that each piece will be 10" in length. This can be applied to any consecutive measurement.



Frame Assembly

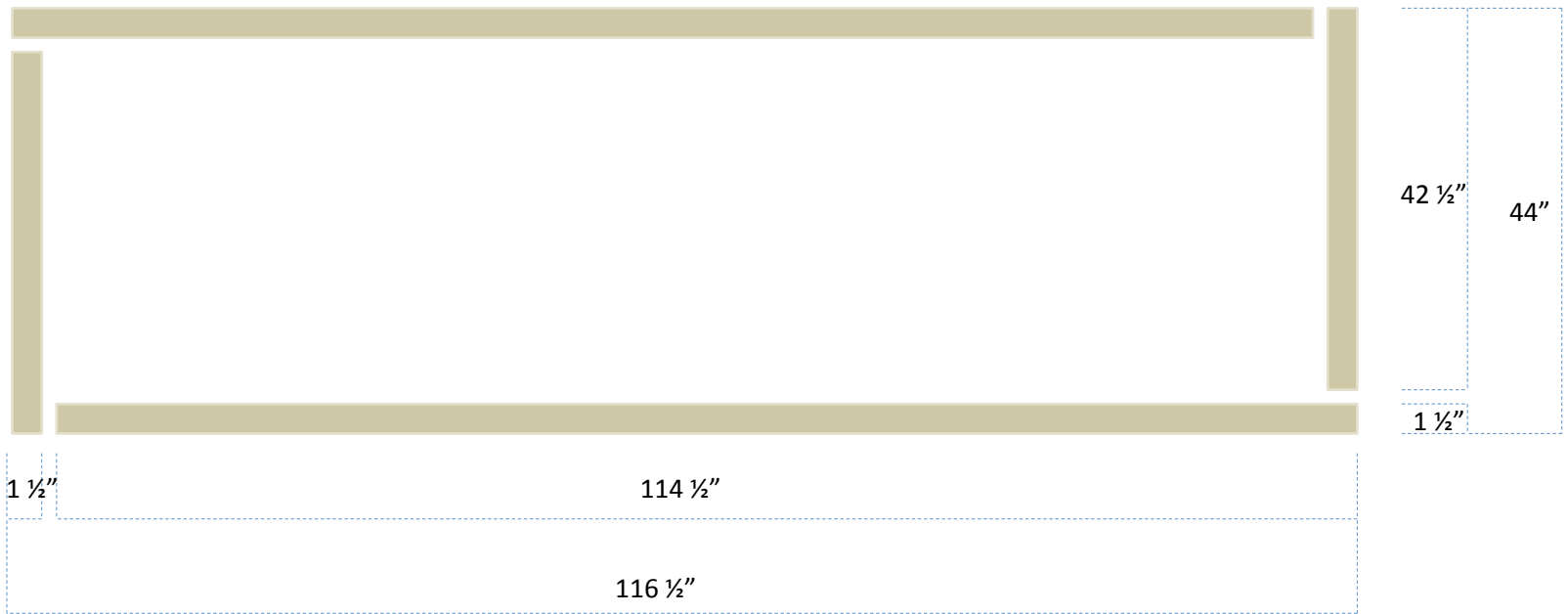
Materials:

- 4 @ 2"x10"x114 1/2" = Frame wall (long)
- 4 @ 2"x10"x42 1/2" = Frame wall (short)
- 12 @ 2"x4"x18 1/2" = Vertical support trim
- 2 @ 2"x4"x120" = Long cap
- 2 @ 2"x4"x48" = Short cap
- 88 @ 2 1/2" Fastener

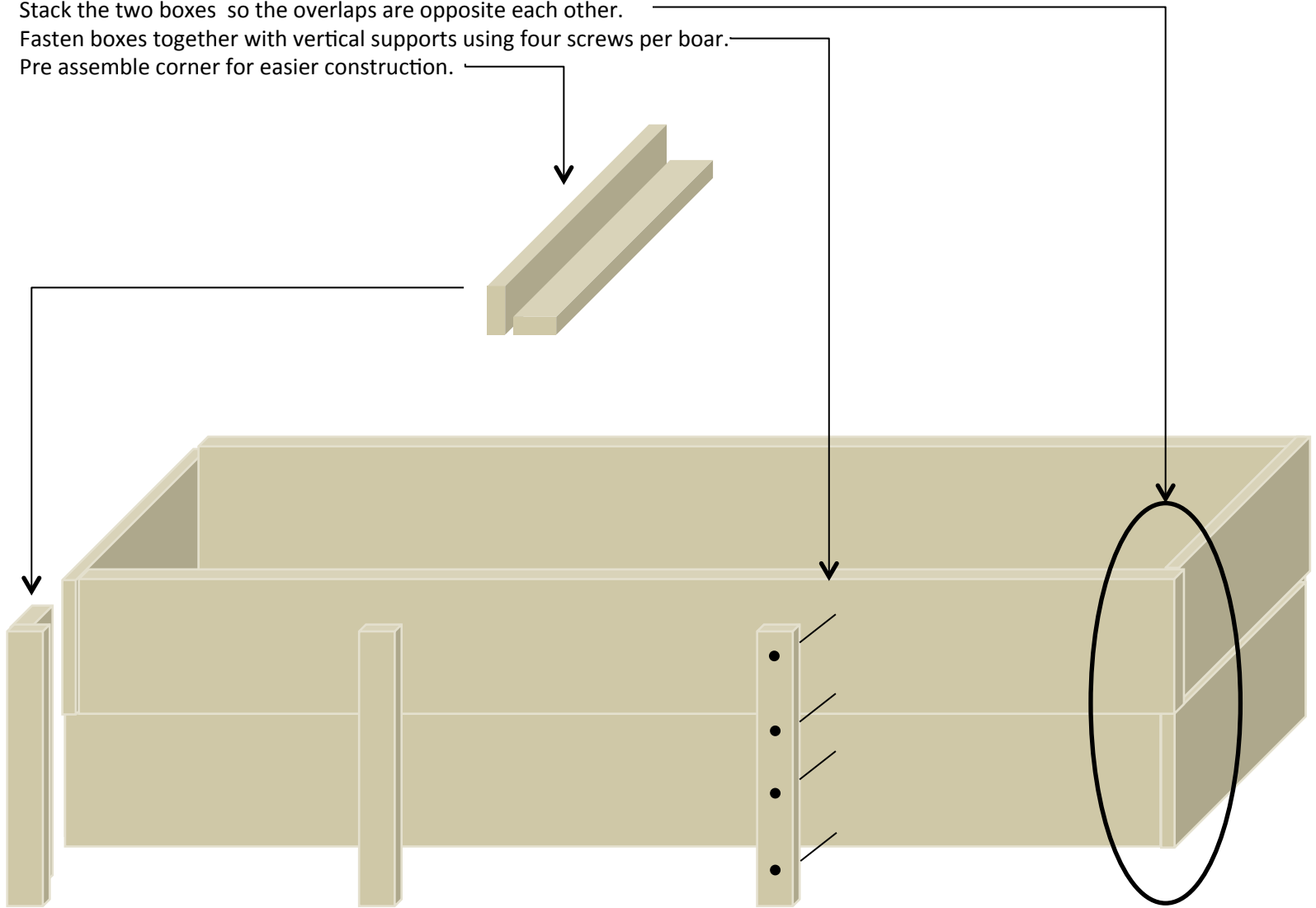
Assembly Instructions:

Using two short and two long 2x10 frame walls, construct two boxes in the fashion shown by Fig. 1.

Fig. 1-



Stack the two boxes so the overlaps are opposite each other.
Fasten boxes together with vertical supports using four screws per board.
Pre assemble corner for easier construction.



Fasten cap boards to the top of the box. Use 45 degree angle cuts at the corners of the cap assembly to have a more appealing finish.

