

DIY Nightstand

CUTS:

- 6 | 2x4 @ 13" (front & back frame)
- 2 | 2x4 @ 14-1/2" (side frame)
- 4 | 2x4 @ 29-1/4" (legs)
- 4 | 2x2 @ 14-1/2" (side frame)
- 2 | 1x8 @ 13" (bottom shelf)
- 4 | 1x6 @ 17" (top shelf)
- 2 | 1x12 @ 14-1/2" (side frame)
- 1 | 1x12 @ 13" (back)

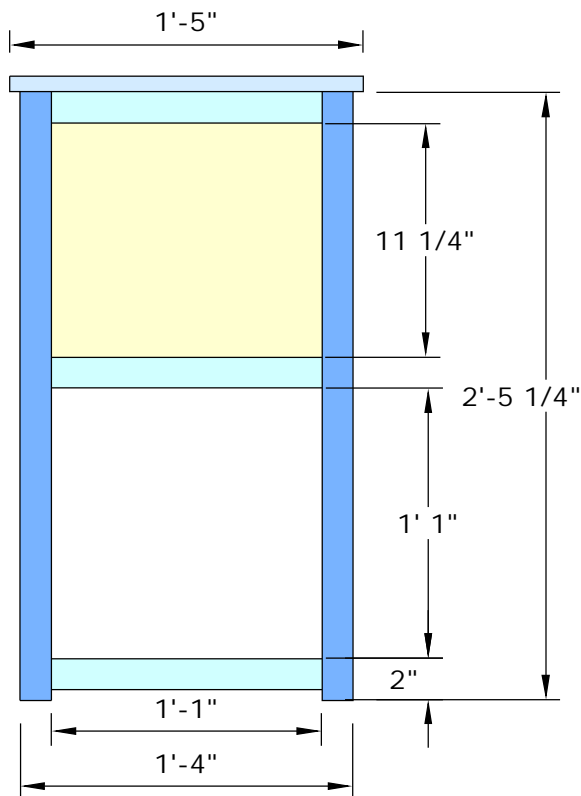
LUMBER:

- 1 | 2x2 - 6'
- 3 | 2x4 - 8'
- 1 | 1x6 - 8'
- 1 | 1x8 - 6'
- 1 | 1x10 - 6'
- 1 | 1x12 - 6'
- 2 | 1/2" square dowel - 3'

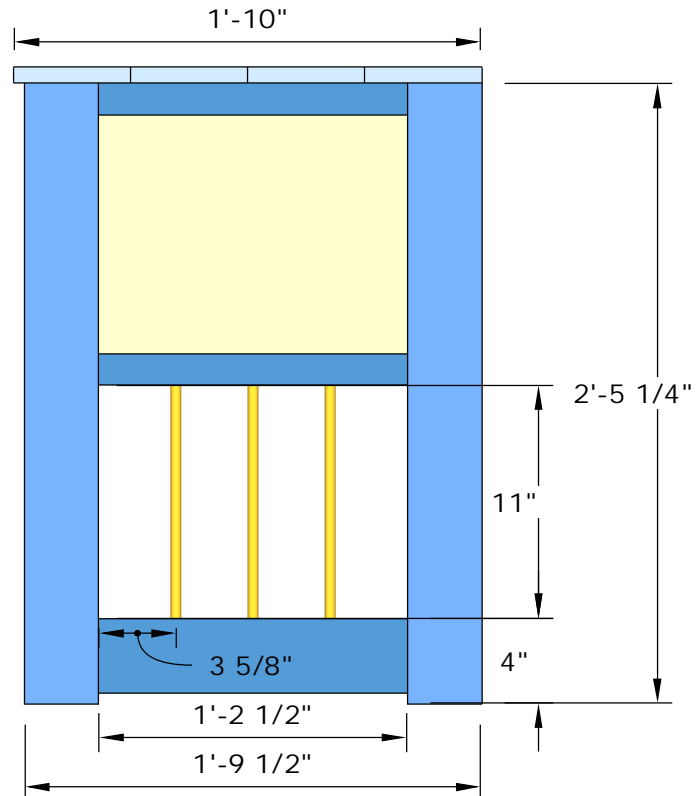
REBAR:

- 6 | 1' pieces @ 1/2" diameter

FRONT OVERALL DIMENSIONS

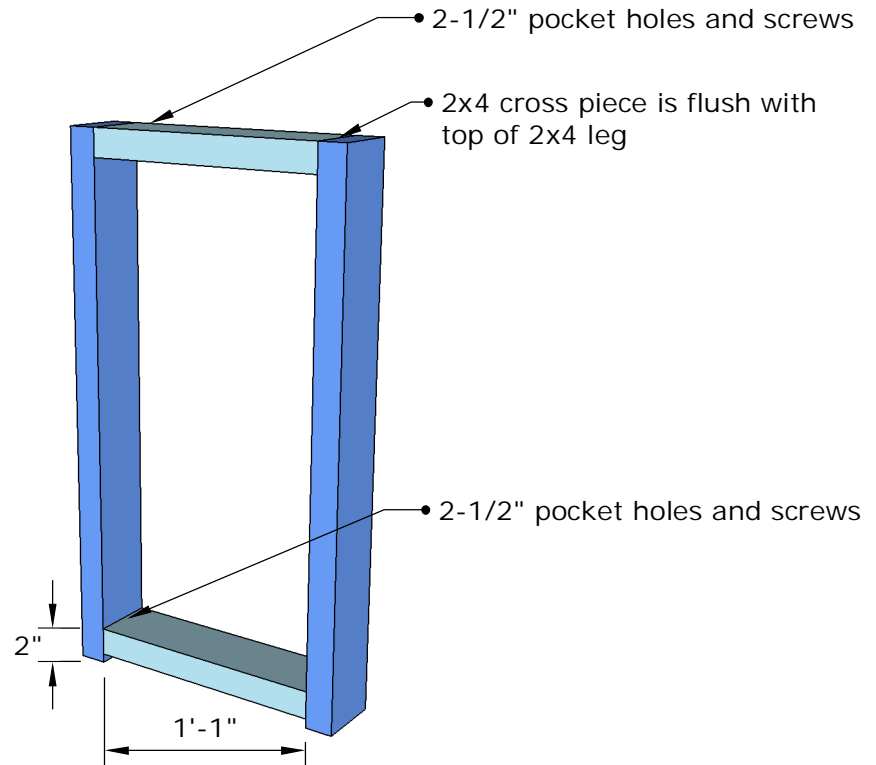


RIGHT SIDE OVERALL DIMENSIONS



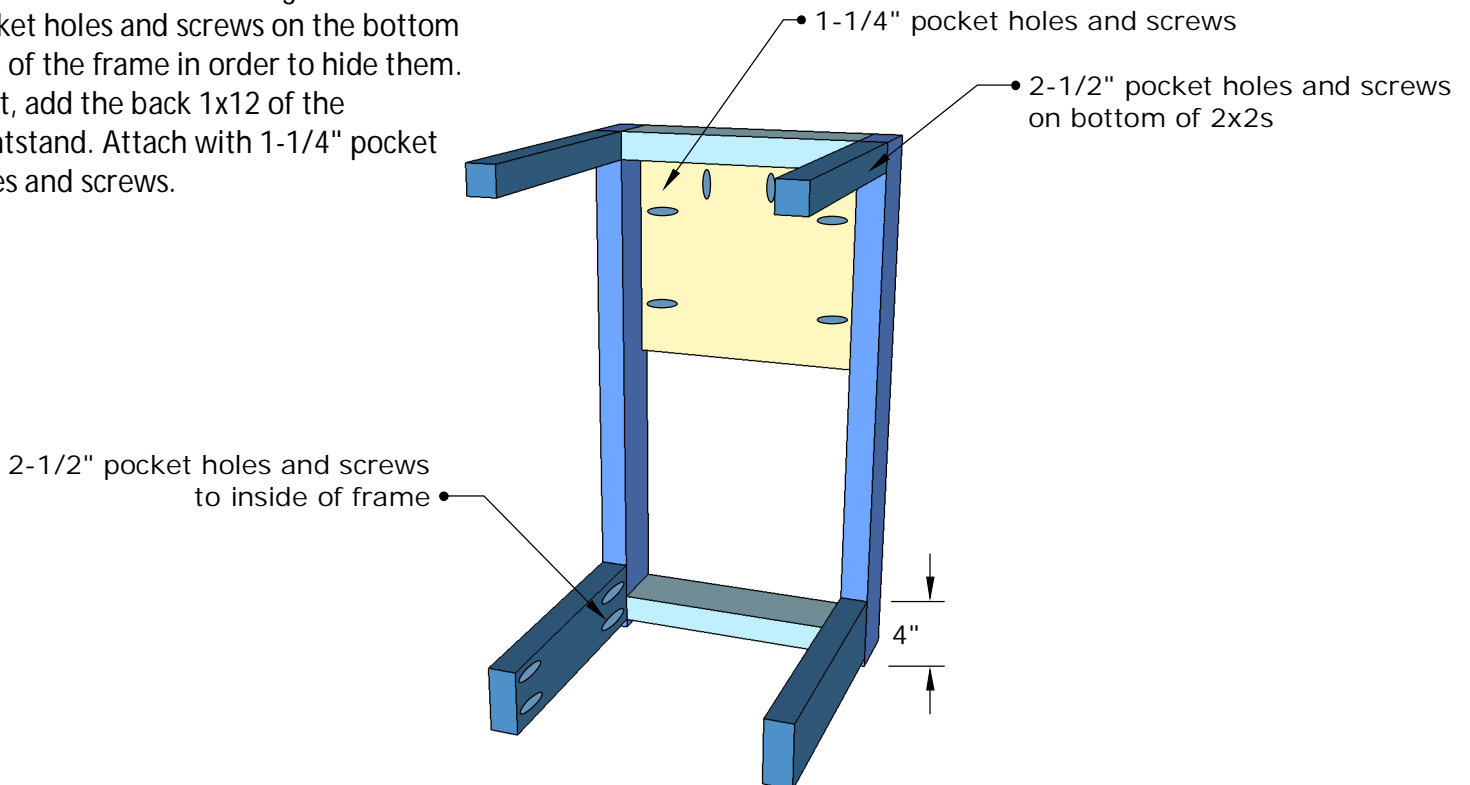
STEP 1.

Build the frame of the nightstand. Attach the frame pieces with 2-1/2" pocket holes and screws. Place pocket holes and screws on the bottom side of the frame in order to hide them.



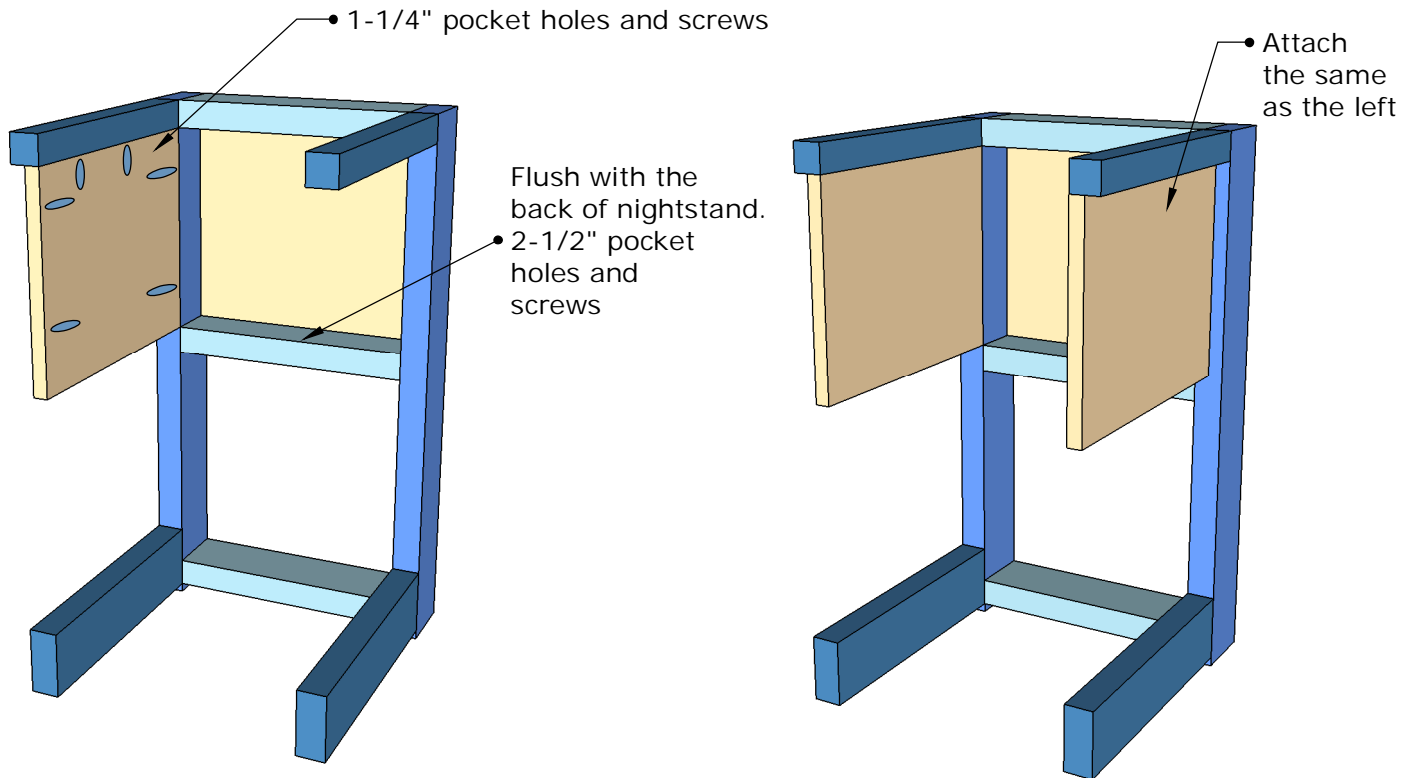
STEP 2.

First, add the cross pieces to the frame. Attach with 2-1/2" pocket holes and screws. Position the 2x2s flush with the top of the legs. Position the 2x4s 4" from the bottom of the legs. Place pocket holes and screws on the bottom side of the frame in order to hide them. Next, add the back 1x12 of the nightstand. Attach with 1-1/4" pocket holes and screws.



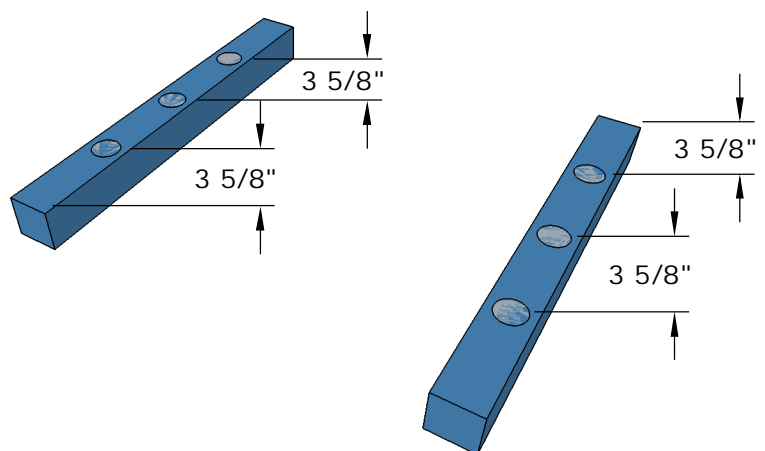
STEP 3.

First, add the middle 2x4 frame across the back of the nightstand. Position the 2x4 flush with the 1x12 back of the nightstand. Attach with 2-1/2" pocket holes and screws from the bottom side. Next, attach the 1x12 sides of the nightstand with 1-1/4" pocket holes and screws. Place pocket holes and screws on the inside of the frame in order to hide them in the final design.



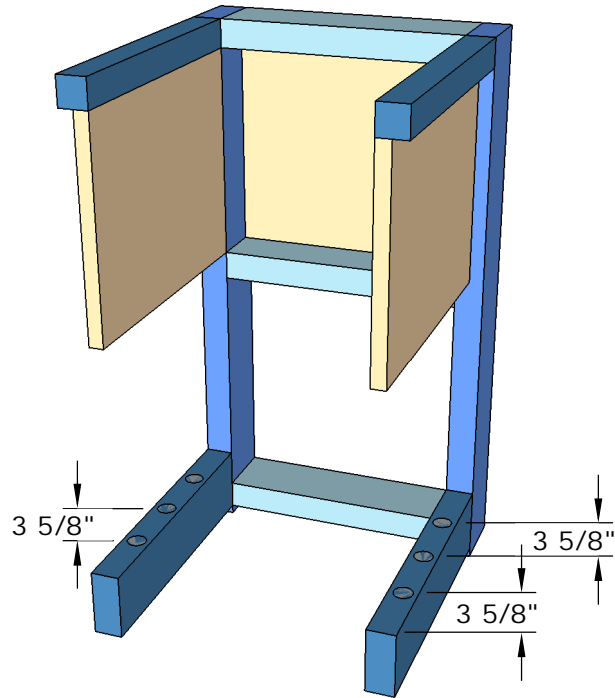
STEP 4a.

Drill holes for the rebar accents into the bottom side of the two lower 2x2 cross pieces. The holes are spaced 3-5/8" center-to-center.



STEP 4b.

Drill holes for the rebar accents into the top of the lower 2x4 frame cross pieces. Again, the holes are spaced 3-5/8" center-to-center.

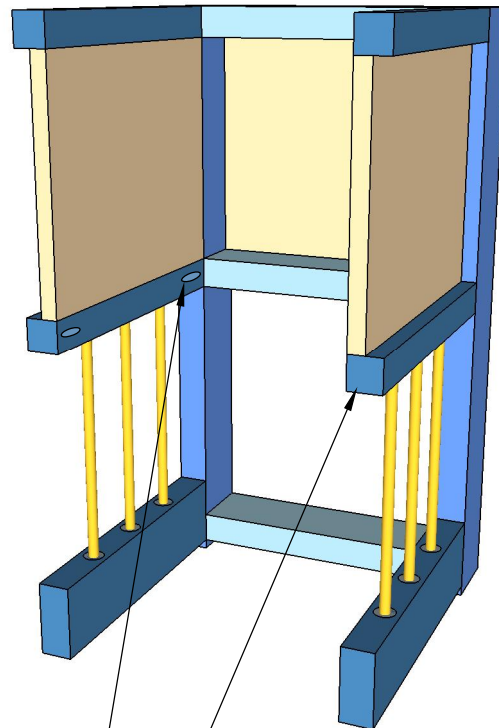


STEP 4c.

Once you have drilled the holes for the rebar accent, insert rebar into the 2x2 cross pieces. You may have to hammer the rebar down a bit since the edges are rough and may be slightly wider than 1/2" in some places.

You should now have three pieces of rebar sticking out of each of your 2x2s. Position the 2x2 and rebar over the lower 2x4 cross pieces and insert into place. Again, this may take some finagling to get the rebar and cross pieces into place.

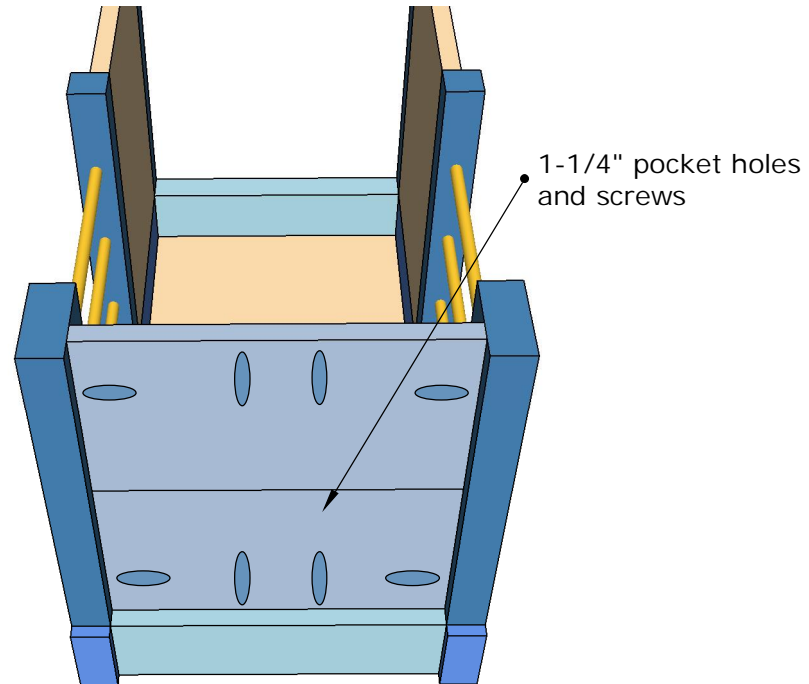
Once the 2x2s and rebar are in place, attach the 2x2s to the frame with 2-1/4" pocket holes and screws.



2-1/4" pocket holes and screws ●

STEP 5.

Add the bottom shelf (see plans for bottom shelf on last page). Attach to the frame from the bottom with 1-1/4" pocket holes and screws.

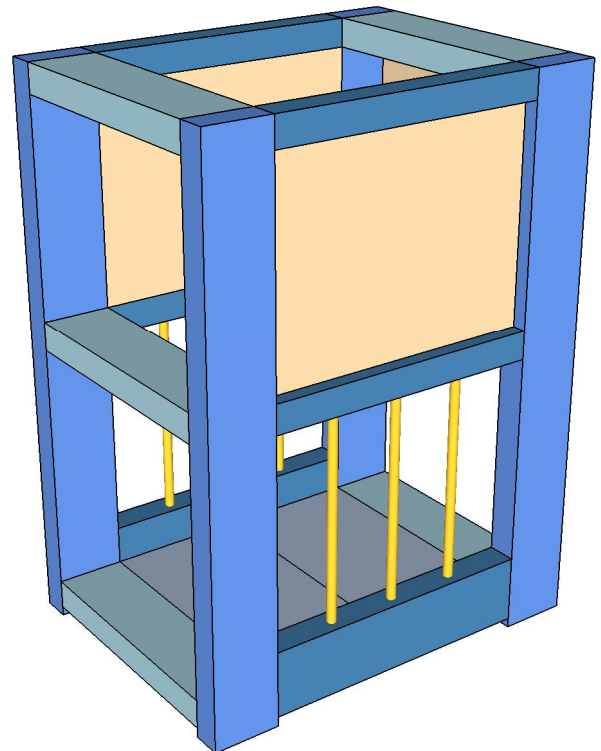


STEP 6.

Attach the front framing of your nightstand. Start with the front legs, then add the cross 2x4s. Check, check, recheck for square.

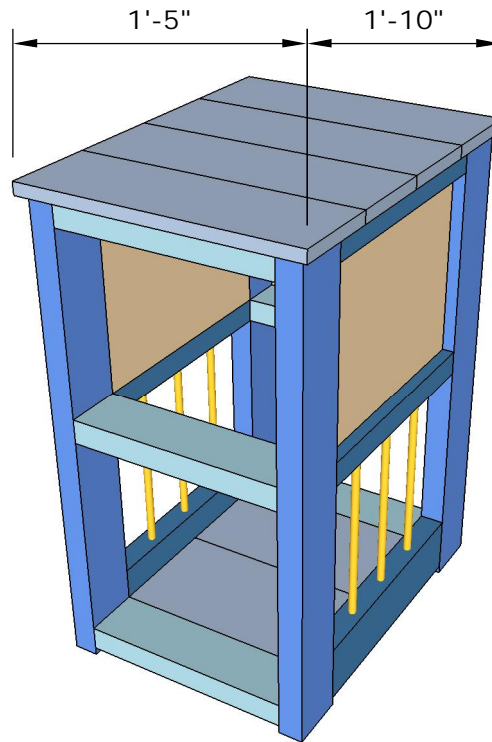
Attach front frame the same as the back frame: 2-1/4" pocket holes and screws from the 2x2 and 2x4 cross pieces, 1-1/4" pocket holes and screws from the side 1x12s and bottom shelf.

Check, check, recheck for square.



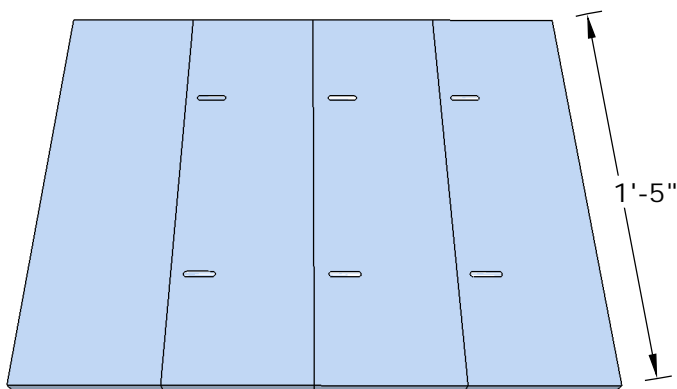
STEP 7.

Add the top shelf (see plans for top shelf). Attach to the frame from the bottom with wood glue and 1-1/4" pocket holes and screws.



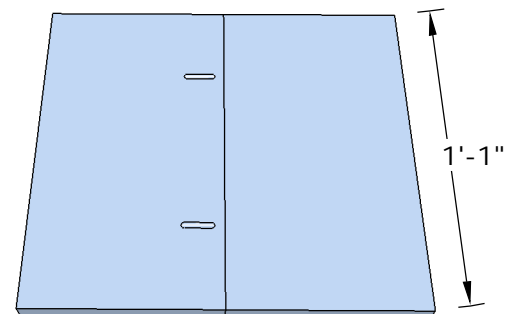
TOP SHELF:

To build the top shelf, attach four 1x6s from the bottom with wood glue and 1-1/4" pocket holes and screws.



BOTTOM SHELF:

To build the bottom shelf, attach two 1x8s from the bottom with wood glue and 1-1/4" pocket holes and screws.



DRAWER NOTE:

To add the drawer to this nightstand, I used a tutorial from Build-Basic.com. You can find the tutorial at <http://build-basic.com/build-a-basic-diy-drawer/#.WUAYeevythE>.

To modify the dimensions to fit this nightstand: use a 1x10 for the drawer sides, 1/4" plywood for the base, and a 1x12 as the drawer face.

All drawer hardware can be found at Home Depot.