

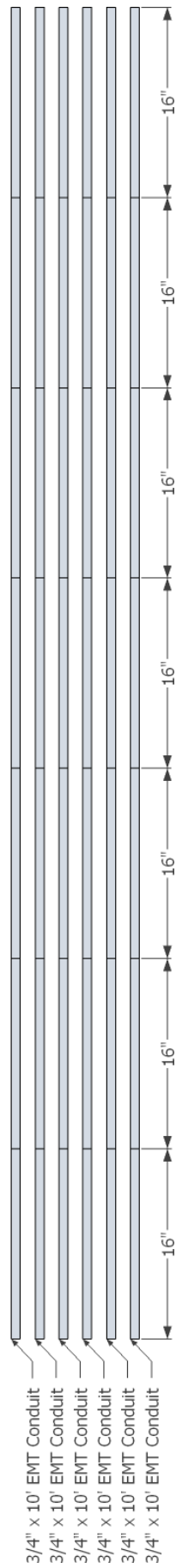
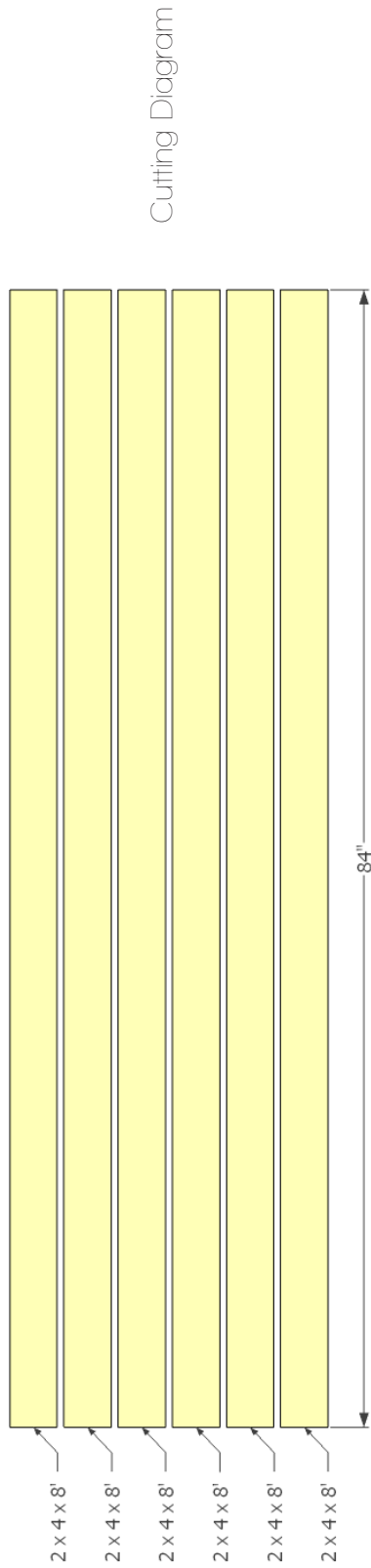


CONDUIT LUMBER RACK

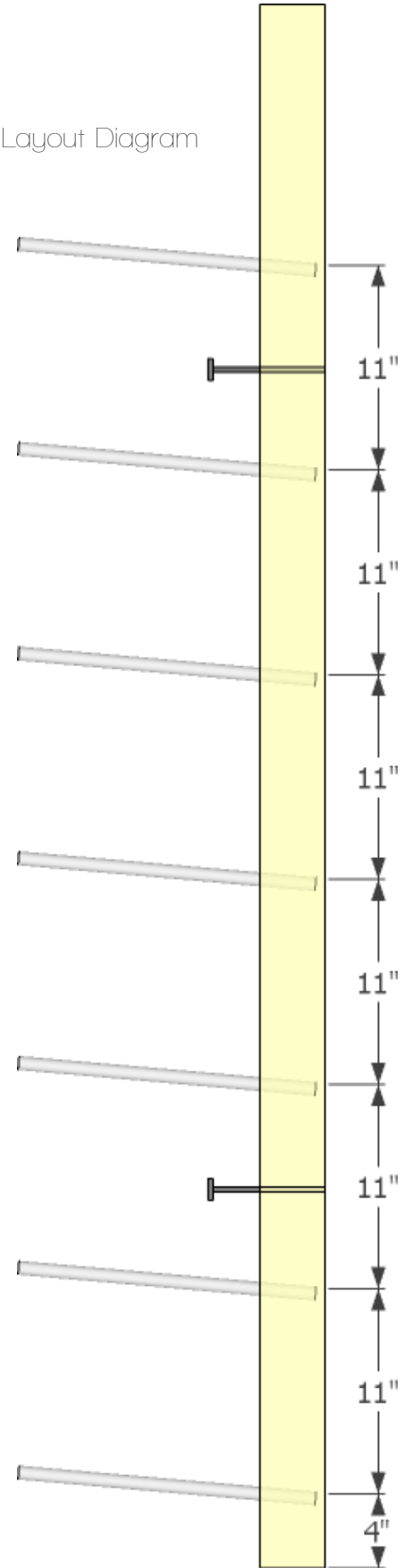
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Shopping List

Item	Quantity	Description
2 x 4 x 8'	6	
3/4" x 10' EMT conduit	6	
6" washer head screws	12	At least 12, for attaching 2x4s to wall
3" wood screws	handful	optional, for attaching 2x4s to wall



Layout Diagram



1

Cut your 2 x 4 boards to length and drill the holes for the conduit pipe. The holes should be drilled on a 5-10 degree angle at a depth of about 3". The closest drill bit I had was 1". That left a little bit of play in the pipe so I exaggerated my drilling angle slightly more than 10 degrees. It's a good idea to drill a test hole in scrap wood to make sure you have an angle you are happy with. Next drill holes for the 6" washer head screws and countersink these holes on the back side of the board. This will allow room for any material that mushrooms out as the screw goes into the wall. Secure all 6 boards to the wall at an appropriate spacing to match your wall studs.

Use as many screws as you prefer to secure it. I referenced all of my boards off of the ceiling to keep the shelves level. You can do the same or screw a board to the wall below the rack to reference off of.



2

Cut all of your conduit lengths to 16" long and deburr the edges. Insert all of your pipe sections and load up your new lumber rack. If you don't feel that 3/4" EMT conduit is strong enough for your needs feel free to use any pipe you choose. I'm 180 pounds and one of these conduit arms is strong enough to support my entire body weight.

That's strong enough for me. If you decide to make this lumber rack or any variation of it be sure to stop by my website and let me know! Hope you find this plan useful and I hope you are able to use cheap conduit and save some money.

