

Tall Patio Planter

Automated woodworking cut list, grouped board cutting diagrams, and step-by-step 3D assembly guide.

Specifications

Overall Dimensions	18" W × 18" D × 24" H
Total Parts Count	20 pieces (5 unique sizes)
Dimensional Stock Lumber	6 boards (6 unique cutting patterns)
Wood Screws	44 screws

3D Project Overview

benchbuild.app

Cut List Summary

Identical pieces are grouped together. Check off each row as you cut your lumber and sheet goods.

Qty	Material	Cut Dimensions	Miter / Angle Cuts	Piece Names
4×	4x4	24"	Square (90°)	4× Corner Posts
6×	2x6	18"	Square (90°)	6× Siding Tiers
6×	2x6	15"	Square (90°)	6× Siding Tiers
2×	2x4	8"	Square (90°)	2× Floor Cleats
2×	2x4	15"	Square (90°)	2× Floor Slats

Board Cutting Diagrams

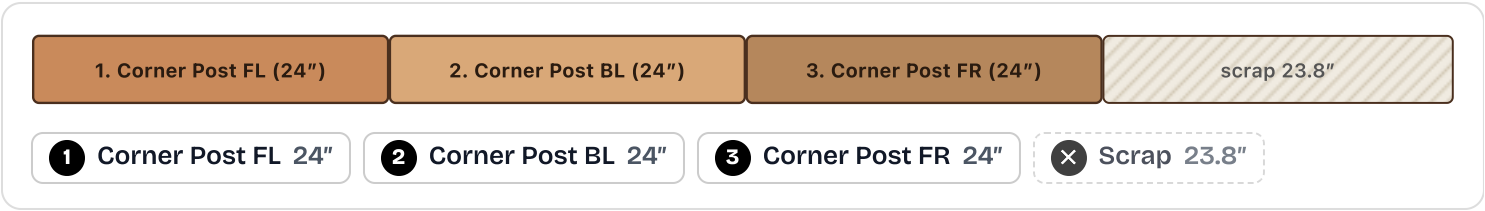
Boards with identical cuts are grouped with a multiplier badge (e.g., 5× **Boards**) so you only read each cutting layout once. Includes 1/8" blade kerf.

1× Board

4x4 (8' / 96" stock)

3 cuts/board • 72.3" used • 23.8" scrap

Produces: Corner Post FL + Corner Post BL + Corner Post FR

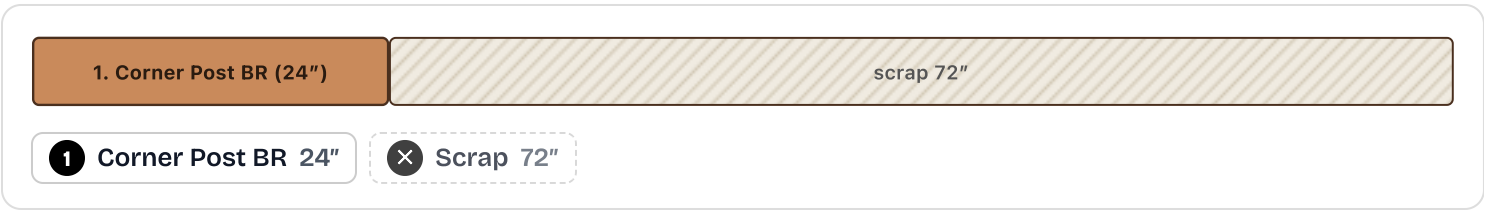


1× Board

4x4 (8' / 96" stock)

1 cut/board • 24" used • 72" scrap

Produces: Corner Post BR

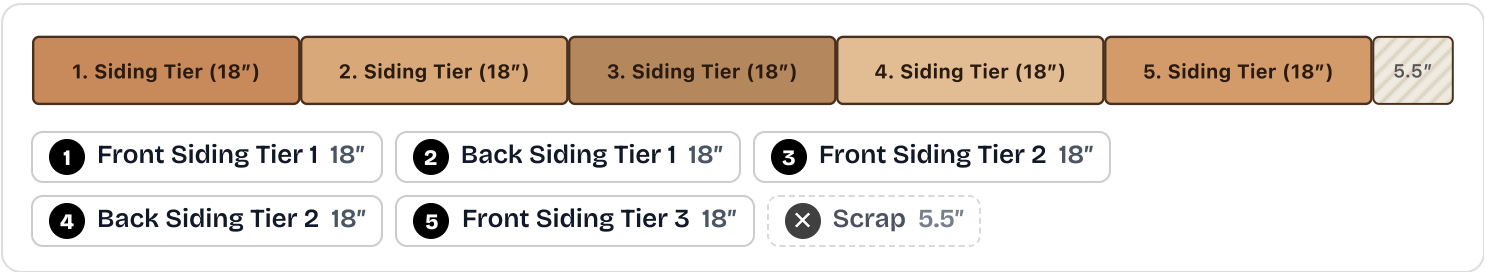


1× Board

2x6 (8' / 96" stock)

5 cuts/board • 90.5" used • 5.5" scrap

Produces: Front Siding Tier 1 + Back Siding Tier 1 + Front Siding Tier 2 + Back Siding Tier 2 + Front Siding Tier 3

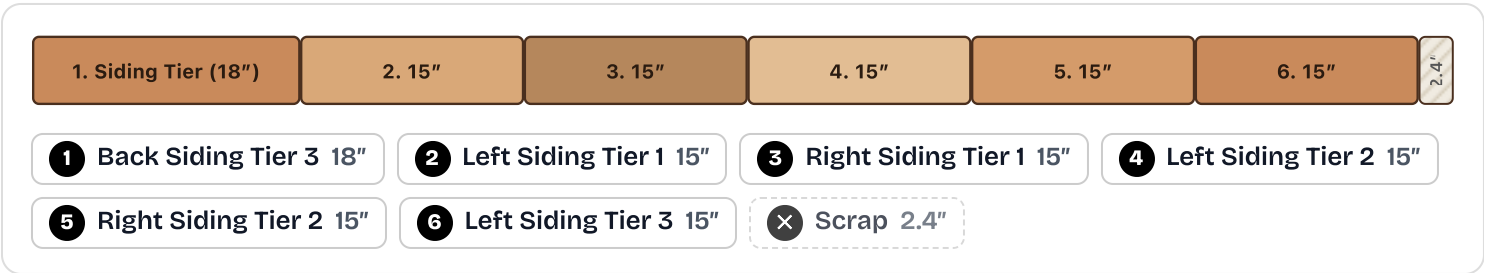


1× Board

2x6 (8' / 96" stock)

6 cuts/board • 93.6" used • 2.4" scrap

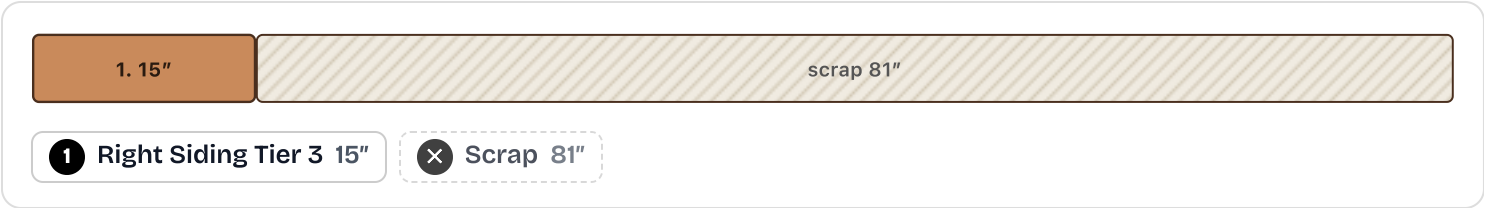
Produces: Back Siding Tier 3 + Left Siding Tier 1 + Right Siding Tier 1 + Left Siding Tier 2 + Right Siding Tier 2 + Left Siding Tier 3



1x Board **2x6 (8' / 96" stock)**

1 cut/board • 15" used • 81" scrap

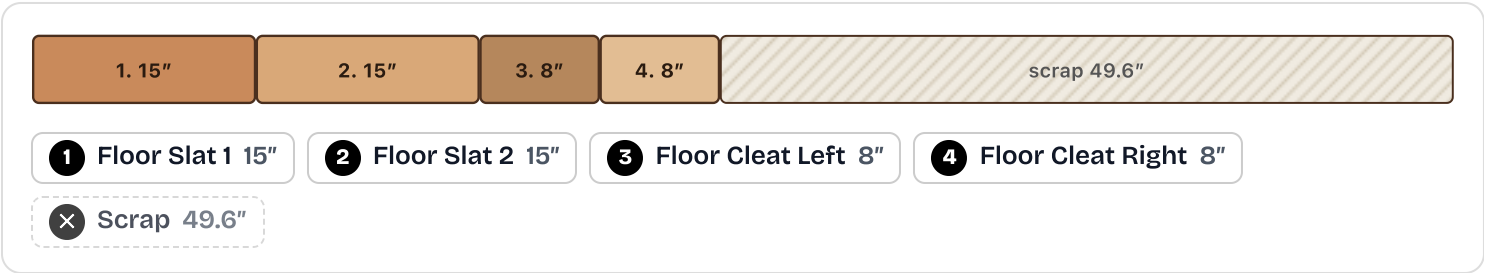
Produces: Right Siding Tier 3



1x Board **2x4 (8' / 96" stock)**

4 cuts/board • 46.4" used • 49.6" scrap

Produces: Floor Slat 1 + Floor Slat 2 + Floor Cleat Left + Floor Cleat Right



Step-by-Step Assembly Guide

Pieces highlighted in warm amber are added in the current step. Muted beige pieces are already assembled from previous steps.

1

Frame Assembly

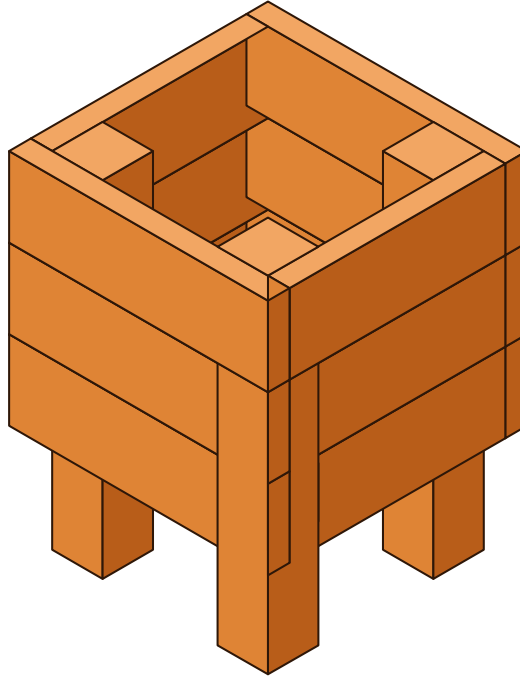
4× Corner Post (4x4, 24")

6× Siding Tier (2x6, 18")

6× Siding Tier (2x6, 15")

2× Floor Cleat (2x4, 8")

- Drive 36× 2.5" screws through **Siding Tier** into **Corner Post**
- Drive 4× 2.5" screws through **Siding Tier** into **Floor Cleat**



2

Top & Finishing Assembly

2× Floor Slat (2x4, 15")

- Drive 4× 2.5" screws through **Floor Slat** into **Floor Cleat**

