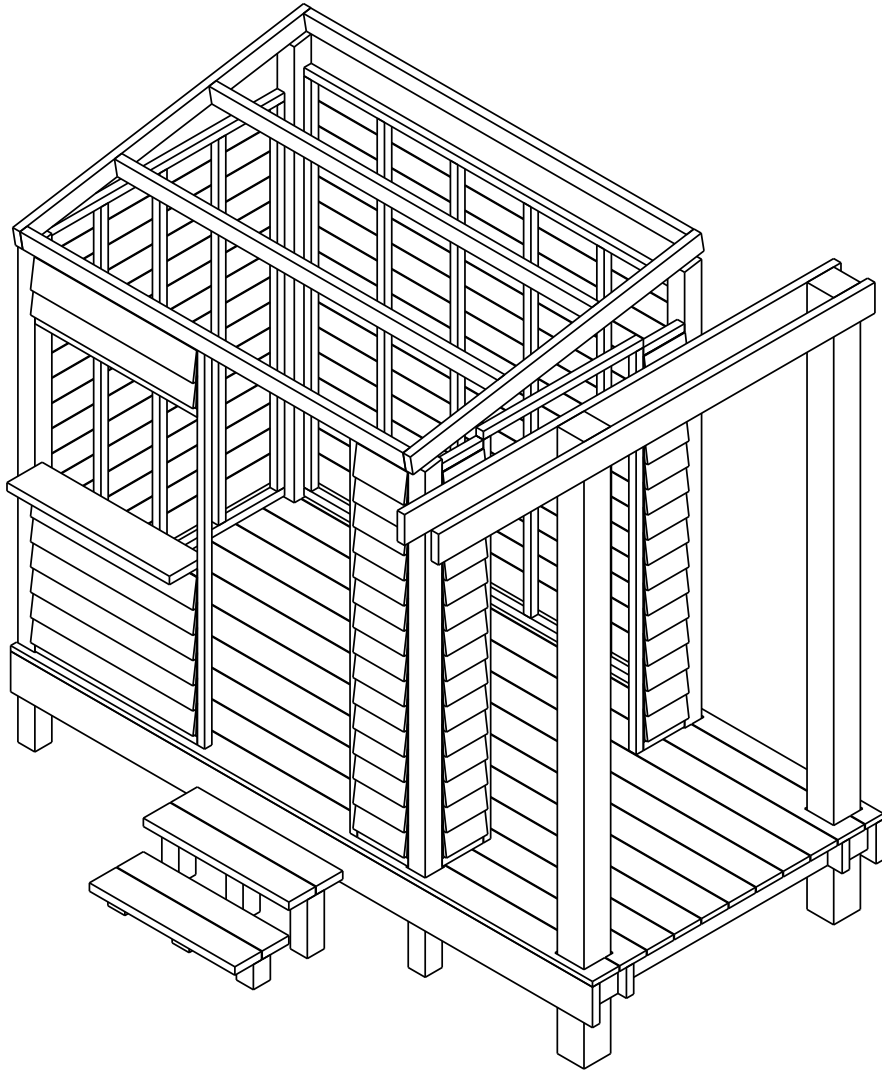


Serving window. Defined doorways. Shared posts.

Native CAD isometric | roofing omitted to show the single-layer frame



10 x 5 ft platform
7 x 5 ft house; 3 ft side landing
30 in front and side doorways
72 in minimum headroom
Projecting activity beam retained

4 continuous house posts:
floor + roof + siding backing
2 continuous activity posts:
floor + projecting beam

Front serving window + wood sill
Sill top: 33 in above floor
Siding above window; wrapped corner
Steps align with front doorway

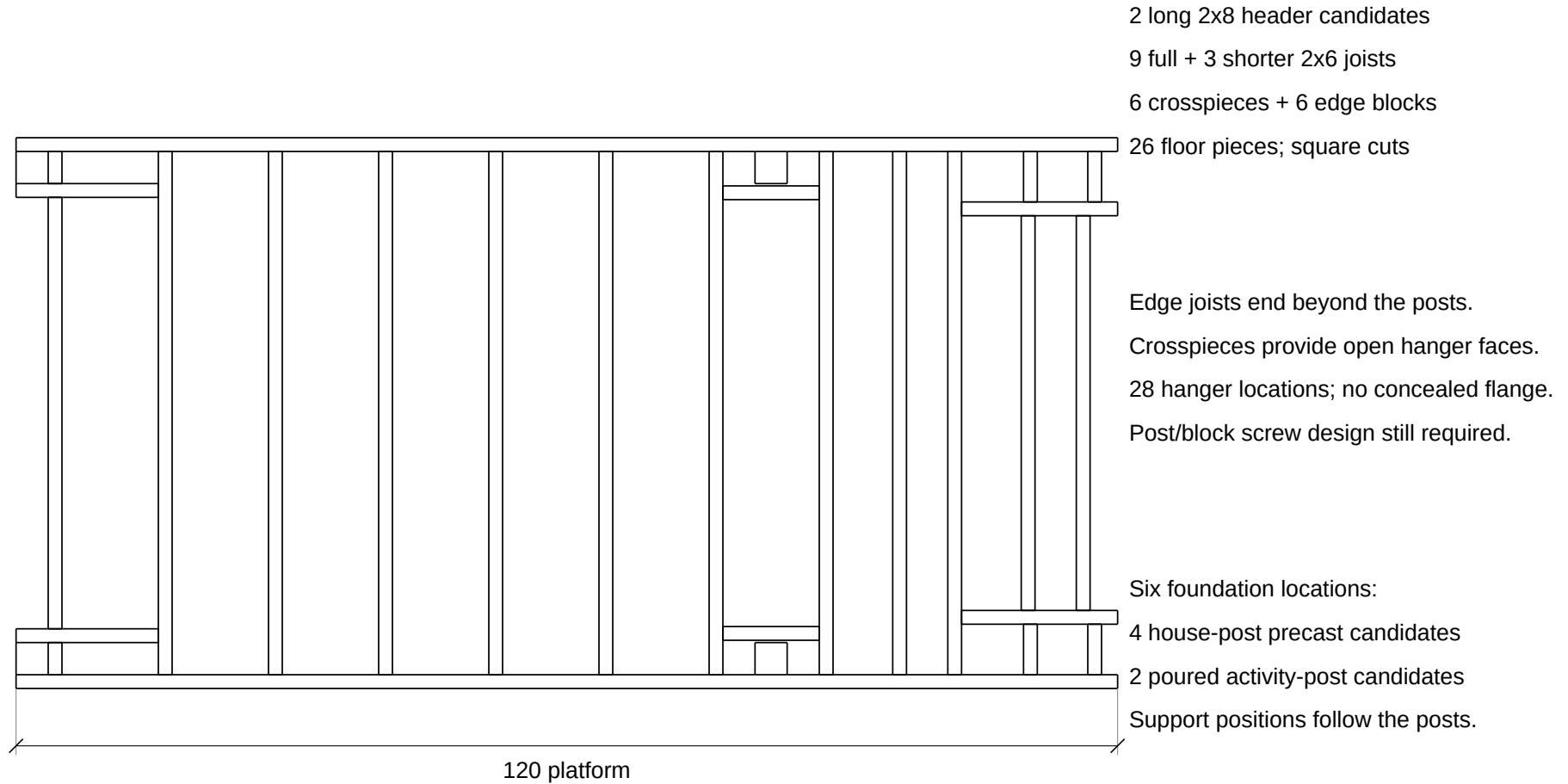
Wood pieces: 153 -> 189
Hardware is still required.

24 in | 1:28 | print Actual size

Latest model + PDF: playhouse.code.click

Floor | one framing layer

Native plan | front at bottom | decking and activity beam omitted | inches



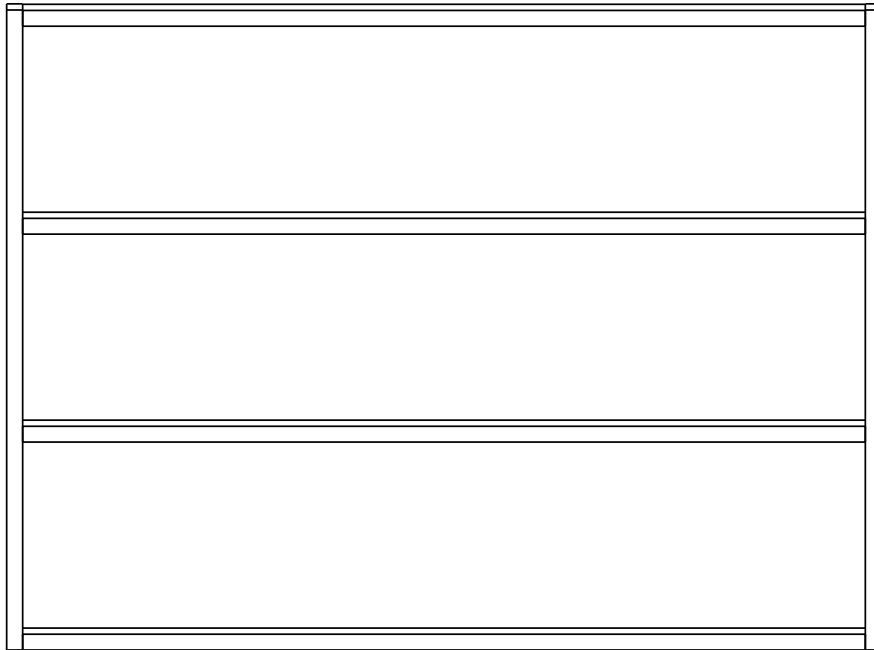
Decking needs post cutouts at six posts. Post bases, header connections and lateral restraint remain open.

Floor top stays at 18 in for comparison; actual site/block levels may change it.

24 in | 1:18 | print Actual size

Roof | six pieces in one layer

Native plan | front / low edge at bottom | roof sheets and connectors omitted



2 sloping side members + 4 cross supports

All modeled as 2x4 candidates.

No separate purlin layer; no rafter seat notches.

Eight cross-support end connections required.

Cross-support centers: 19.76 in along slope

Five members would give only 3 support lines.

That spacing would be about 29.64 in here.

Selected panel and site loads govern spacing.

The photo suggests the arrangement, not proven sizes or timber species. A five-piece 2x4 roof is not approved.

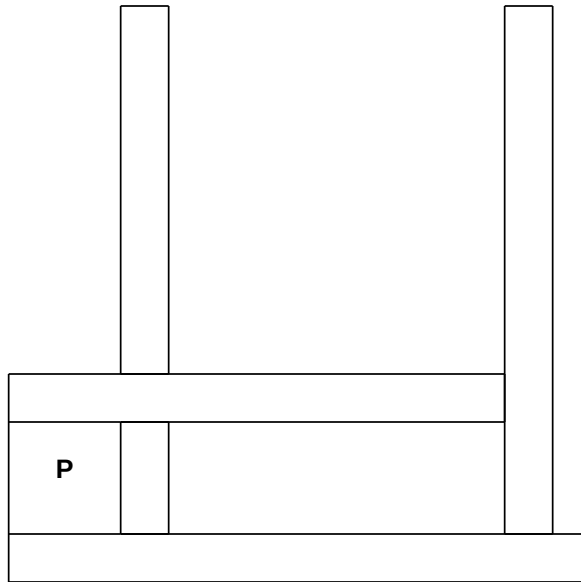
SUNTUF guide: 24 in recommended cross-support spacing; its load table tightens spacing as load increases.

Roof member strength, tilted end connections, closures and uplift fasteners still need checking.

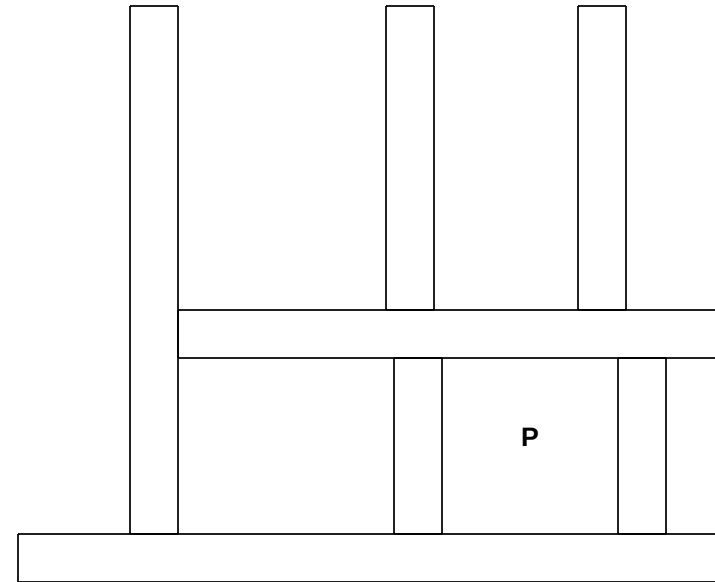
24 in | 1:18 | print Actual size

Floor joints | room to assemble

Native CAD top views | front at bottom | decking omitted | both details 1:6



LEFT FRONT: edge joist ends on a crosspiece.
Small block supports decking beside the post.
Crosspiece attaches to post and next full joist.



ACTIVITY FRONT: two short joists behind post.
Crosspiece spans to the next full joist.
Edge blocks support both sides of the post.

Checked in CAD: 28 hanger spaces, each 3.75 x 1.875 x 5 in; two 6-in driver lanes per hanger.

Fasten hangers to supporting joists before inserting crosspieces; add edge blocks afterward.

P = post. Space checks are not hardware approval; post/block fasteners and capacities remain unresolved.

24 in | 1:6 | print Actual size

24 in | 1:6 | print Actual size