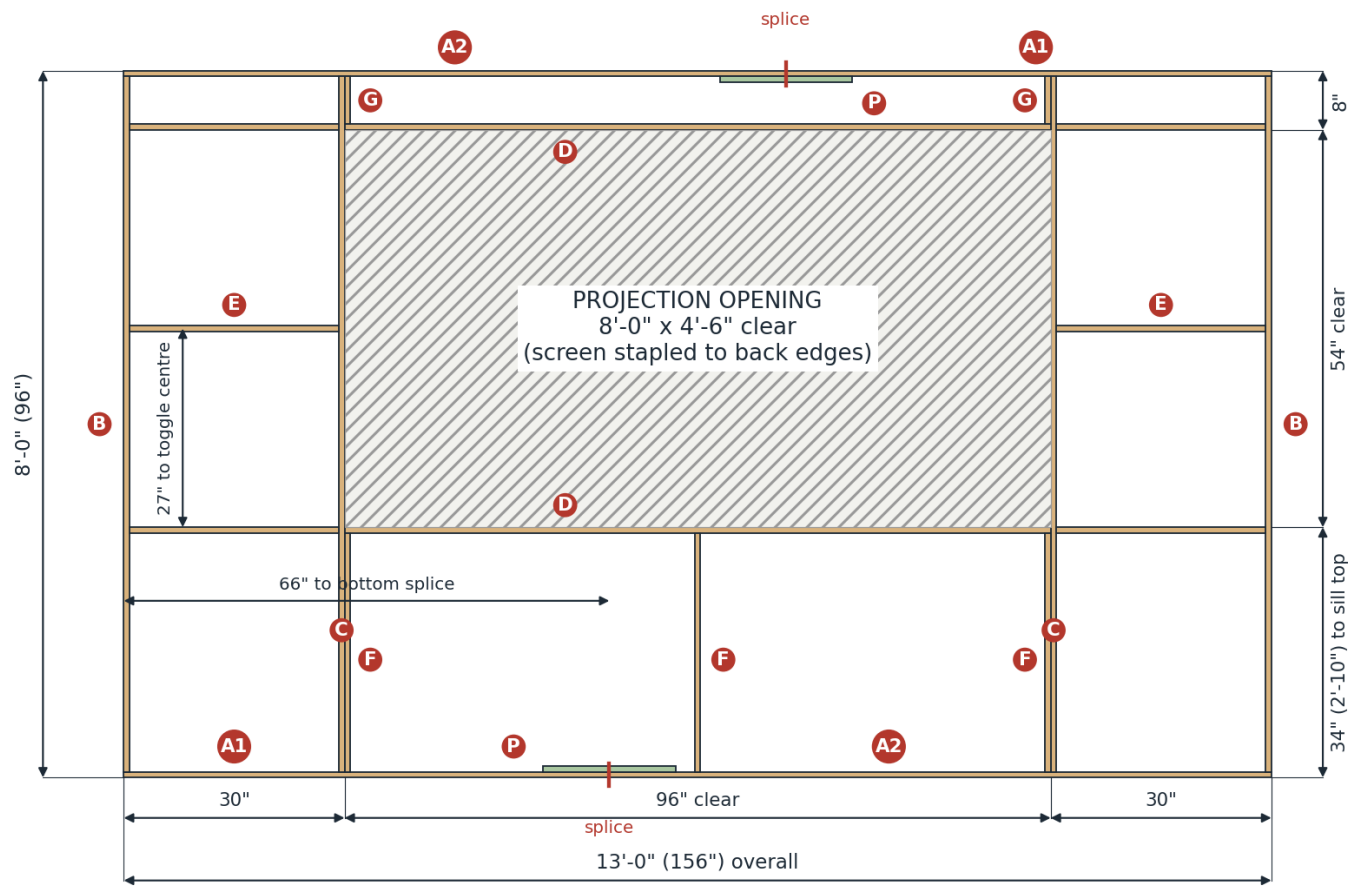
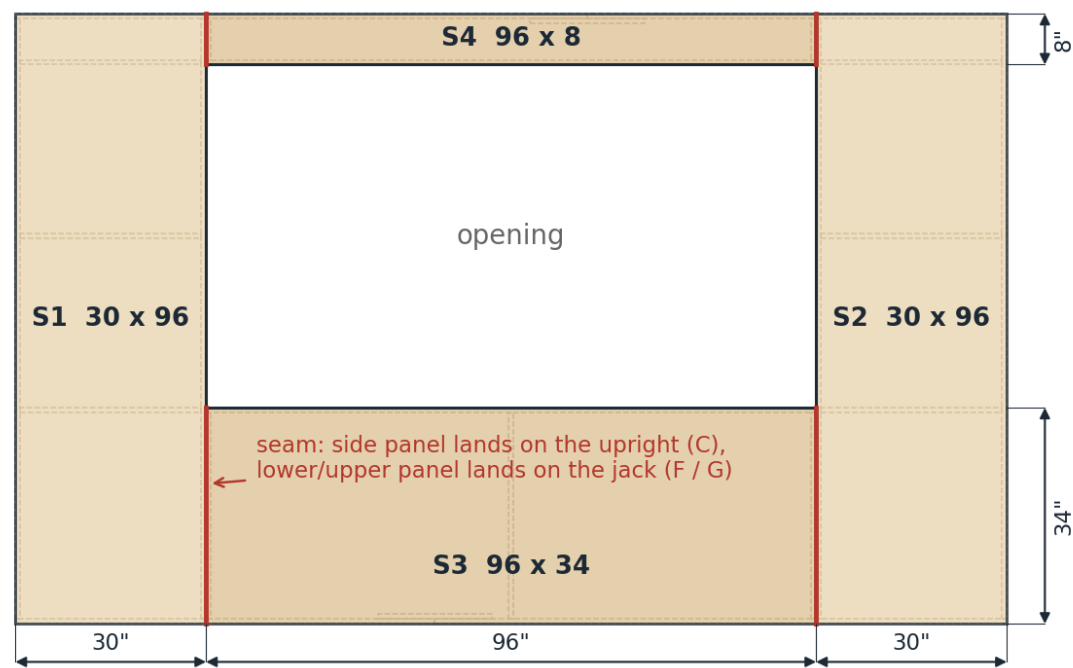


CENTRE WALL — FRAME ELEVATION (seen from the house, skins off)

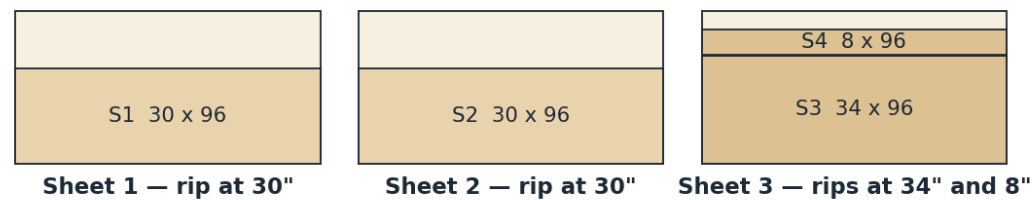


Part	Qty	Length	What it is	Where it goes
A1	2	66"	rail piece	bottom rail house-left end; top rail house-right end
A2	2	90"	rail piece	bottom rail house-right end; top rail house-left end
P	2	18"	splice scab	flat on the inside face of each rail, centred on the joint (x = 66" bottom, 90" top)
B	2	94-1/2"	outer stile	each end, between the rails
C	2	94-1/2"	opening upright	inside faces at 30" and 126" from the house-left end
D	2	96"	sill / header	between the uprights; sill top at 34", header underside at 88"
E	6	28-1/2"	side toggle	3 per side bay, in line with the sill, the header, and centred at 61"
F	3	32-1/2"	sill-bay jack	against each upright under the sill, plus one at 78" (centre)
G	2	6-1/2"	header-bay jack	against each upright above the header

CENTRE WALL — LUAN SKIN LAYOUT (3 sheets)



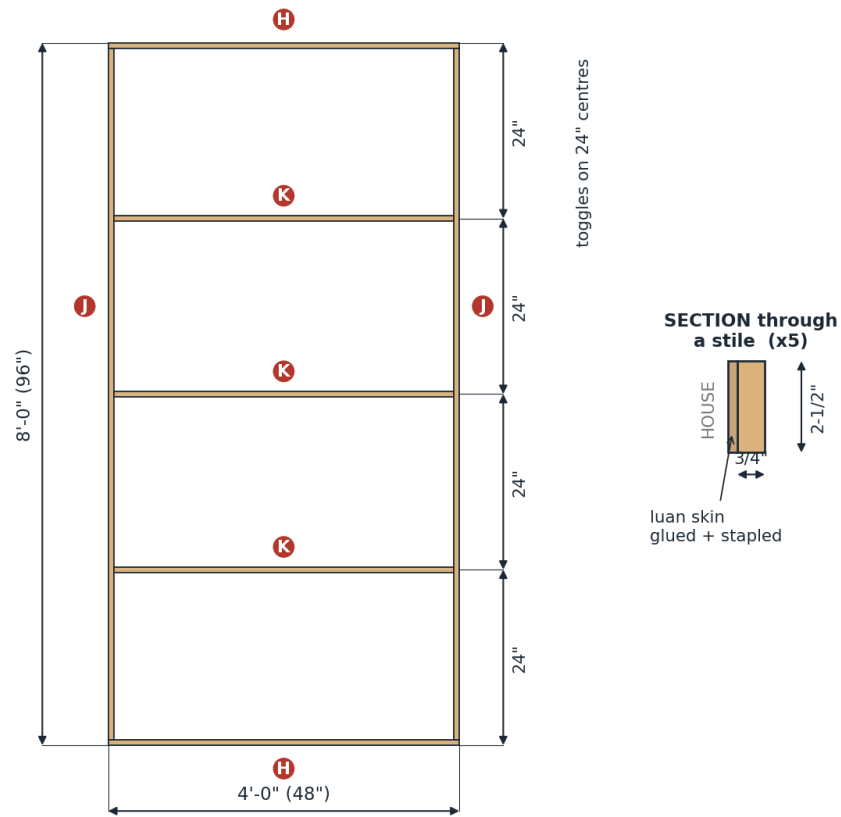
CUTTING THE LUAN (sheets drawn lying down, 8' left-to-right)



Offcuts: two 18" x 96" rips and one ~5-3/4" x 96" strip — keep them for patching.

Every skin edge lands on 3/4" of wood: side panels on the uprights (C), the lower and upper panels on the jacks (F, G), and all four on the rails. Keep the skin edges dead flush with the opening — they are the window's edge. Glue (Titebond II) and 1" 16-ga staples, crown along the member: every 6" on the perimeter and seams, every 8" on toggles and jacks. Fill and tape the two short vertical seams under and over the opening before paint.

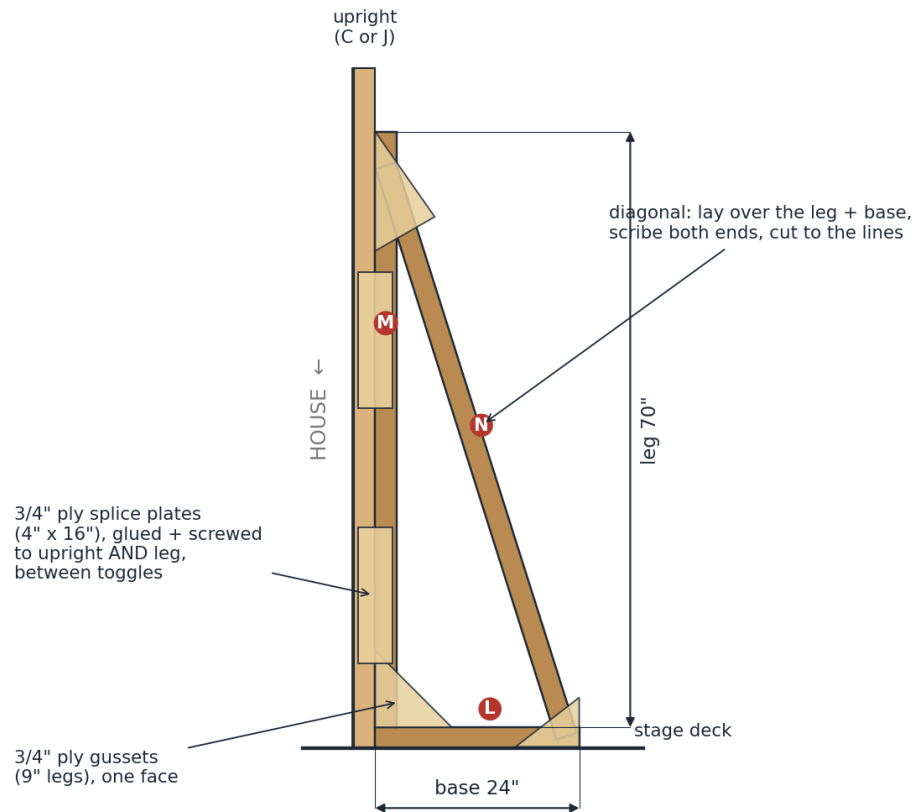
HOLLYWOOD FLAT — FRAME ELEVATION (make 2)



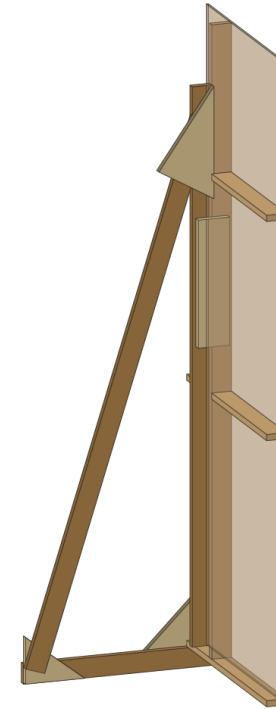
Flat from upstage, skin shown on the lower 40" only, with its jack.

Part	Qty (2 flats)	Length	What it is
H	4	48"	rail — runs through, full width
J	4	94-1/2"	stile — between the rails
K	6	46-1/2"	toggle — centres at 24", 48", 72"

Square check: both diagonals 107-5/16". Skin with one uncut 4x8 sheet, same glue and staple schedule as the wall.

BRACE (JACK) — SIDE VIEW

Make 4: two for the wall (behind each opening upright, C), one per flat (behind a stile, J).



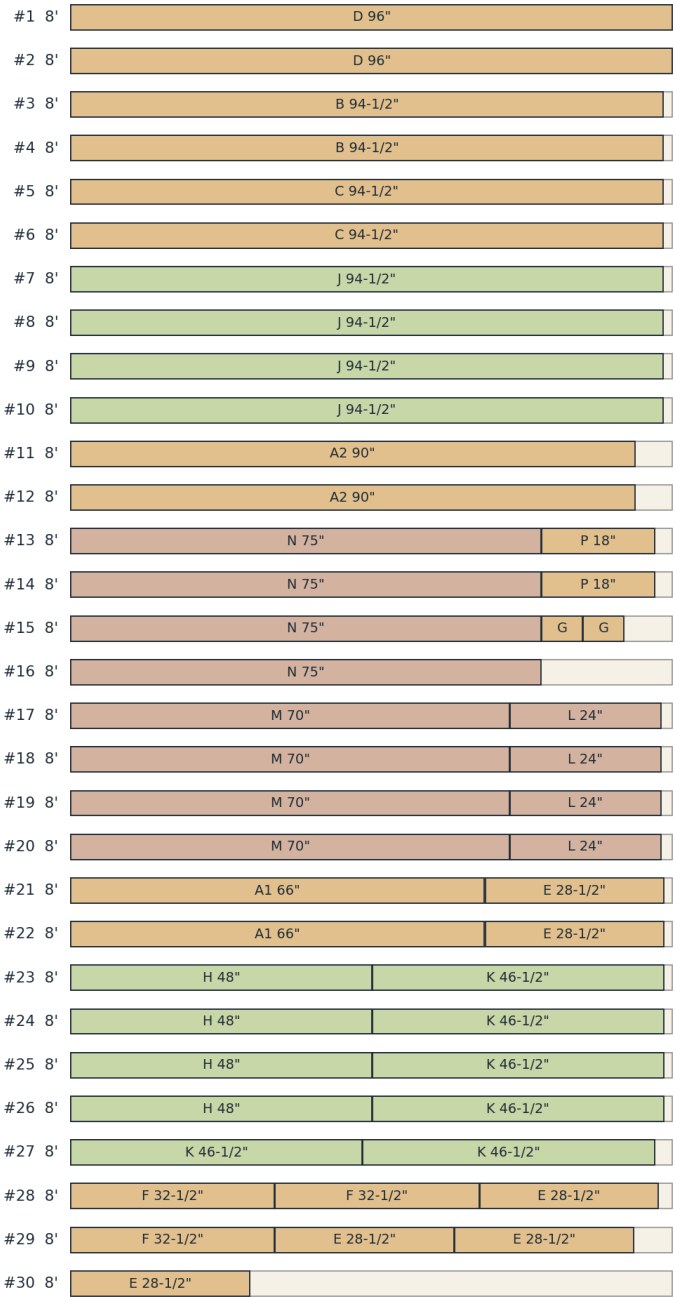
Jack behind the house-left opening upright, from upstage. Luan shown ghosted.

How it attaches

The leg stands directly behind the upright, its front edge against the upright's back edge, so it reads as the upright made deeper. Two 3/4" ply splice plates (4" x 16") on the side-bay face tie them together — on the wall at 10-26" and 40-56" up, clear of the toggles; on a flat, three plates at 6-18", 30-42" and 54-66". Glue the plates to the leg, but **screws only** into the upright, so the jacks come off at strike. Gussets and plates come out of the periaktoi ply offcuts.

Base to deck: 2-1/2" screws through a gusset corner, or a stage weight/sandbag on the base if the deck can't take screws (deck material is still an open item from the proposal).

Cut plan — 30 boards



Lowe's shopping list

Item	Qty	Notes
RELIABILT 1-in x 3-in x 8-ft #2 & Better S4S whitewood common board (Item #935)	32	30 cut + 2 spare for rejects. Actual 3/4" x 2-1/2" x 8'.

Price: I couldn't pull a live price — Lowe's sets lumber prices per store and doesn't publish them to search. Check the item number with your store selected.
Without the braces: 22 boards + 2 spare = 24. Boards #13–20 go away; cut the two scabs (P) and two header-bay jacks (G) from the 67" offcut of #30 instead.

At the rack

- Sight down every board; reject bow, twist, or crook. #2 whitewood is inconsistent, so pick.
- Take the two straightest for the sill and header (D) and tape them — 96-1/8" or longer.
- Next-straightest go to the long parts: outer stiles, uprights, flat stiles, rail pieces (A2 90").

From the shop (not buying)

Luan: 5 sheets. Titebond II. 1-1/4" coarse pocket screws (Kreg jig set for 3/4"). 1" 16-ga staples. 1-1/4" screws for scabs, gussets and plates; 2" and 2-1/2" screws for the deck. 3/4" ply offcuts: twelve 9" gusset triangles (six 9" squares cut corner to corner) and ten 4" x 16" plates.

Board colours in the cut plan

Tan = centre wall · green = flats · rose = braces. Cut the longest parts first; each diagram reads left to right with a 1/8" kerf allowed between parts.

Build order — centre wall

- 1 Pick the build spot: the wall is 13' long and has to be assembled on the stage or right by the stage door. You need a flat floor about 15' x 10'.
- 2 Cut everything on the cut list and write the part letter on each piece.
- 3 **Splice the rails.** Butt A1 to A2 (bottom rail joint 66" from the house-left end; top rail joint 90"). Glue the scab P flat on the inside face centred on the joint and drive four 1-1/4" screws each side. Sight down the rail — it must be dead straight.
- 4 Lay both rails on edge, inside faces together, and mark every member across both at once: outer stiles at the ends; uprights with their inside faces at 30" and 126"; centre jack F centred at 78".
- 5 **Perimeter + uprights.** Rails run through; B and C butt between them. Glue each joint and drive one 1-1/4" pocket screw from the inside face (test on scrap first — the periaktoi split with straight screws). **Square it:** both diagonals 183-3/16" (15'-3-3/16"). Tack a temporary diagonal strap once square.
- 6 **Sill and header.** Sill D top face at 34"; header D underside at 88". The opening should measure 96" x 54" with both diagonals 110-1/8".
- 7 Side toggles E: in line with the sill, in line with the header, and one centred at 61". Then jacks F (three, under the sill) and G (two, above the header, against the uprights).
- 8 **Skin** (house side up): S1 and S2 first, then S3 and S4 between them. Glue + staples per Sheet 3. Leave the temporary strap on until the skins are dry.
- 9 Stand it with four people, walking it up from the top rail. Set it on the wall line, check it's plumb, and screw the bottom rail to the deck: 2" screws down through the rail's top face every 16".
- 10 Attach the two jacks (Sheet 5) and fix their bases.
- 11 **Screen:** stretch and staple it across the back edges of the uprights, sill and header. It sits 2-1/2" behind the face, which reads as a window reveal from the house. Paint the reveal black or to the restaurant's trim.

Build order — Hollywood flats (make 2)

- 1 Rails H run through; stiles J between; toggles K at 24", 48", 72" centres. Glue + one pocket screw per joint. Diagonals 107-5/16".
- 2 Skin with one uncut 4x8 luan sheet, glue + staples.
- 3 Set in place, check plumb, screw the bottom rail down, add the jack.

Rough weights: centre wall about 80 lb skinned (lumber ~35 lb, luan ~45 lb); each flat about 30 lb.