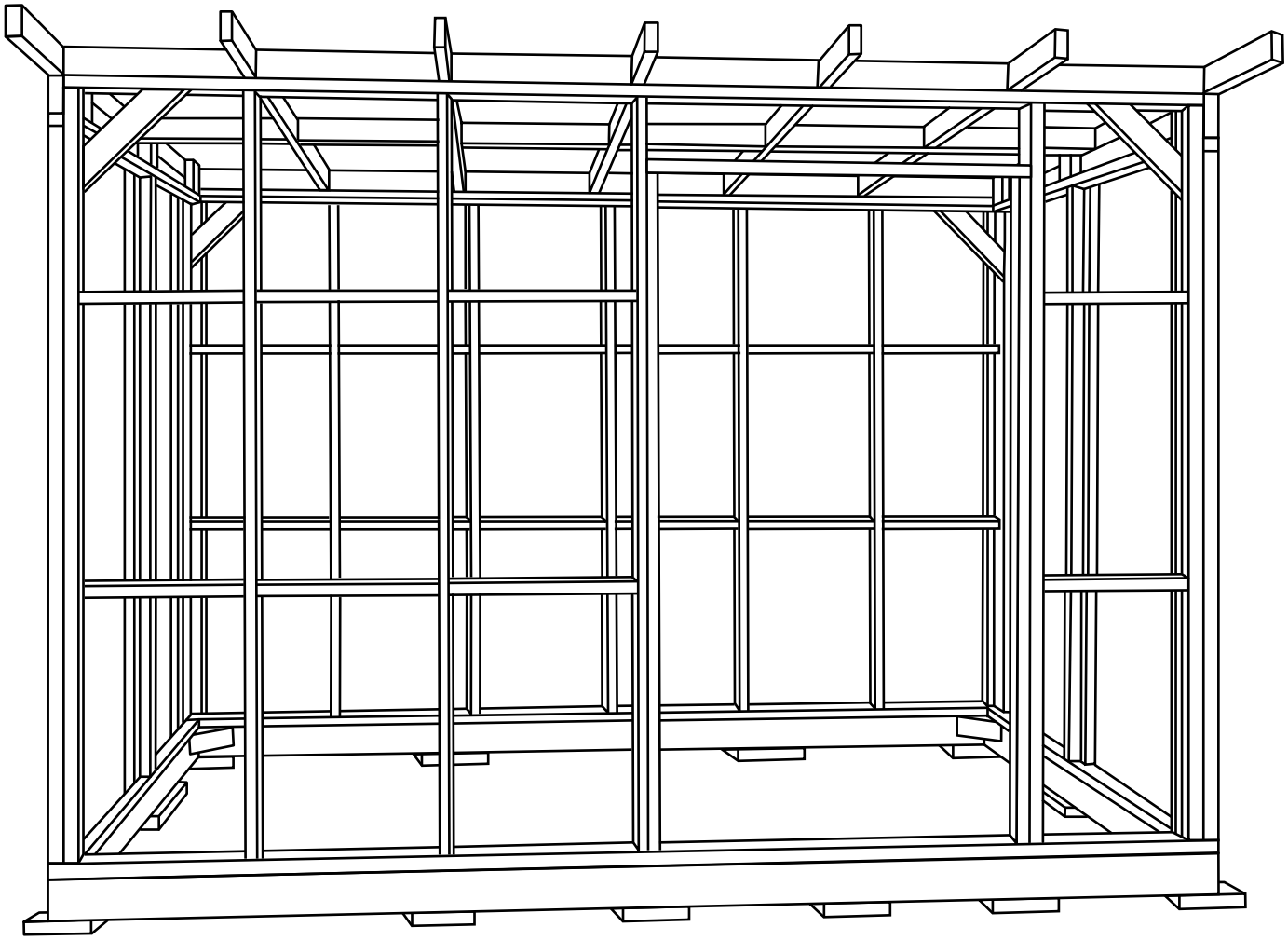


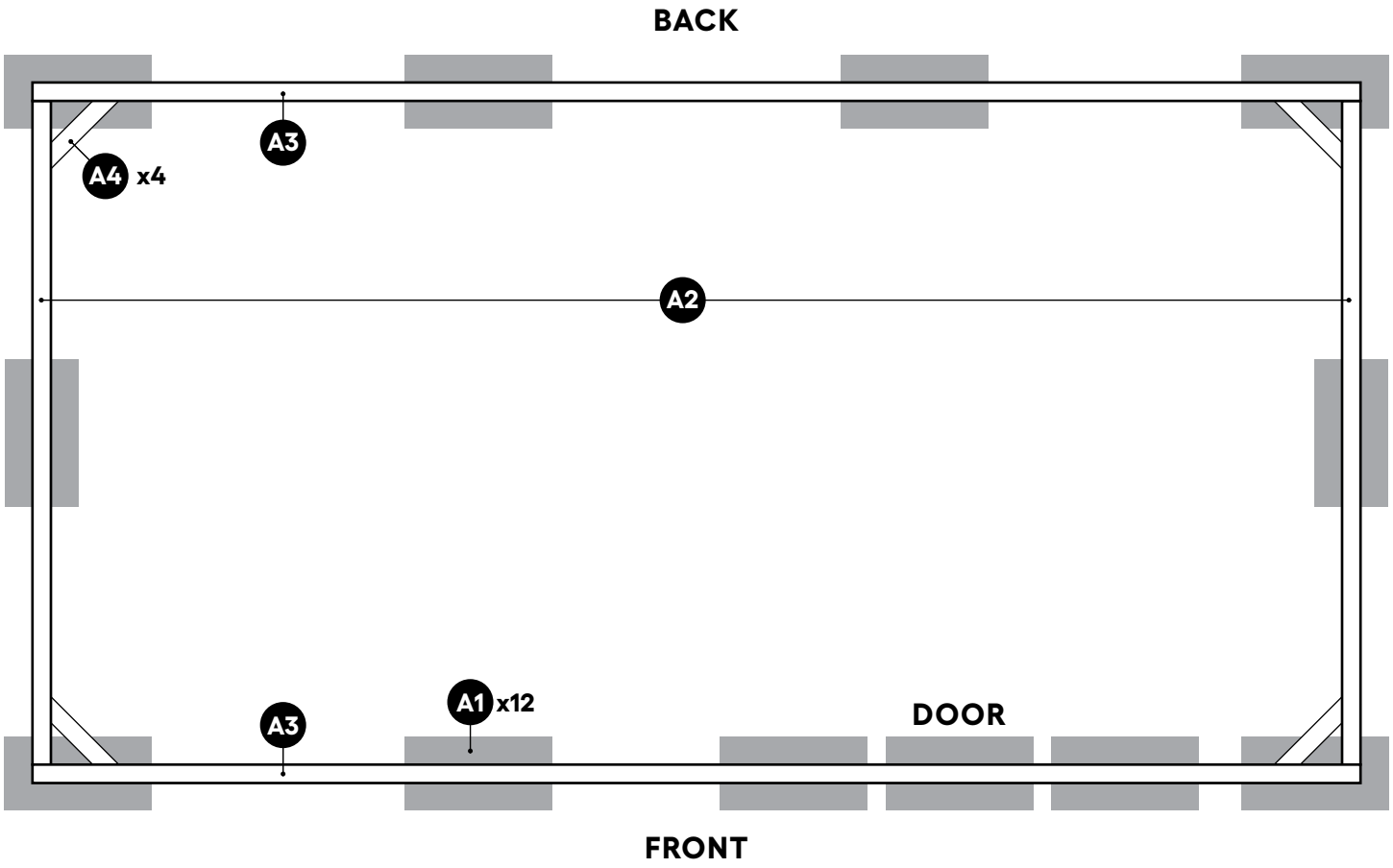
MATERIALS

(see the step-by-step guide for a list of necessary hardware and tools)

- **12** concrete blocks
- **3** 12' 2x6 boards
- **11** 12' 2x4 boards
- **35** 8' 2x4 boards
- **24** 8' ¾x6 boards
- **1** 12' ¾x6 board
- **16** 8' 2x2 boards
- **1** 8' 2x6 board
- **2** 6' PVC mouldings
- **20** 2' x 8' PVC roof panels

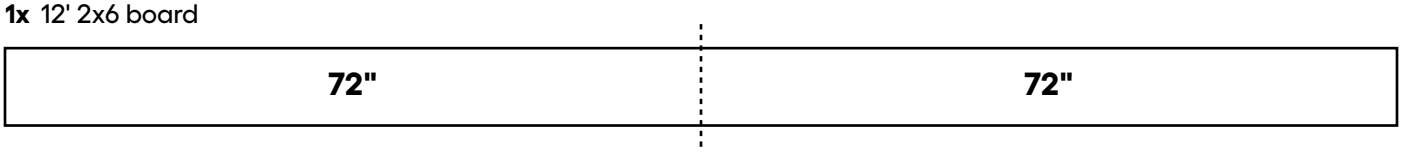
FOUNDATION

Cut line Scrap



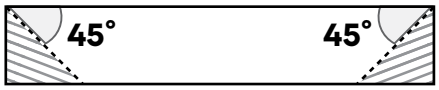
A1 **12x** Concrete blocks

A2 **1x** 12' 2x6 board



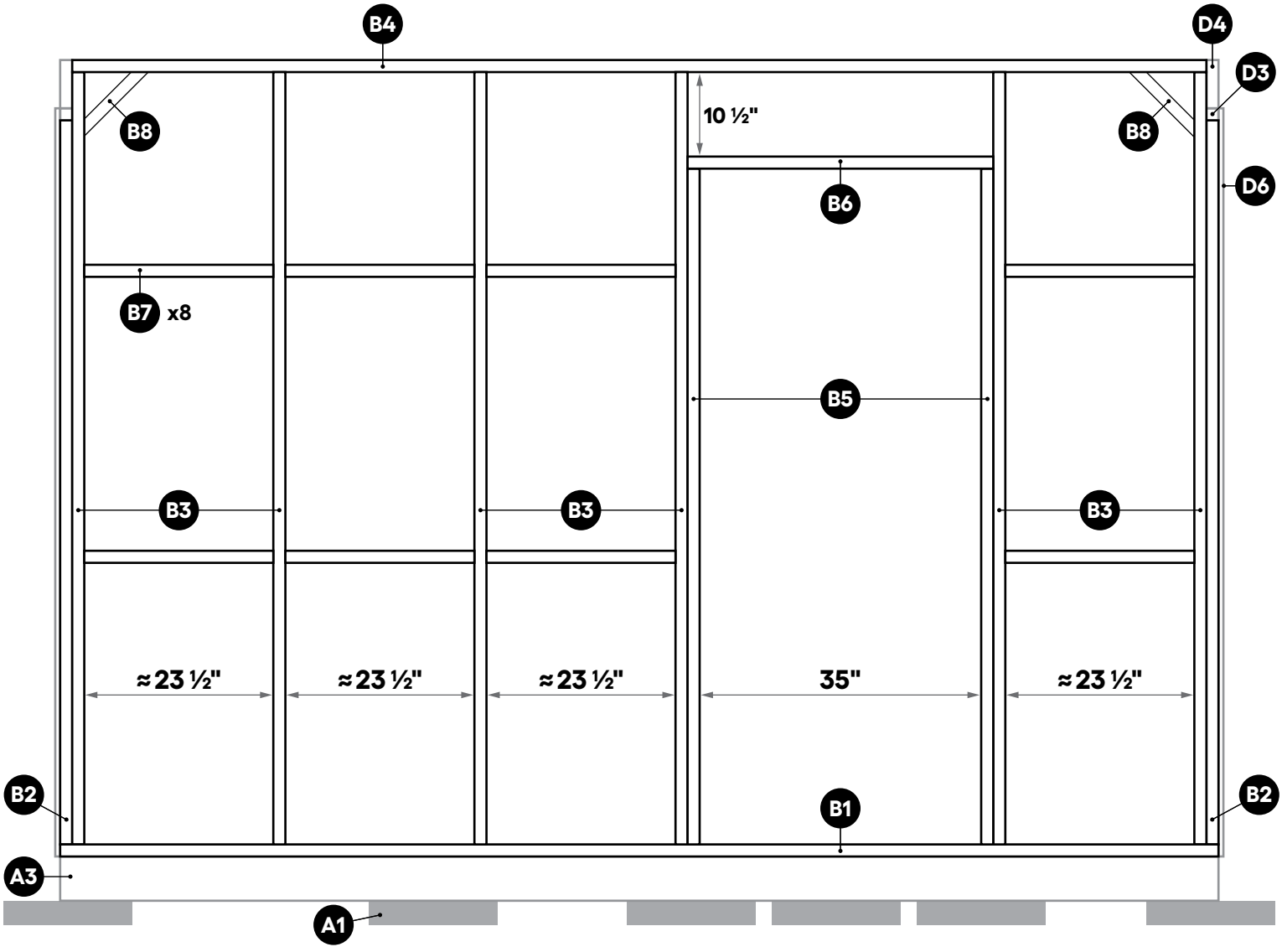
A3 **2x** 12' 2x6 boards

A4 **4x** 2x4 scraps with both ends cut at a 45° angle.



FRONT WALL (structure)

Cut line Scrap



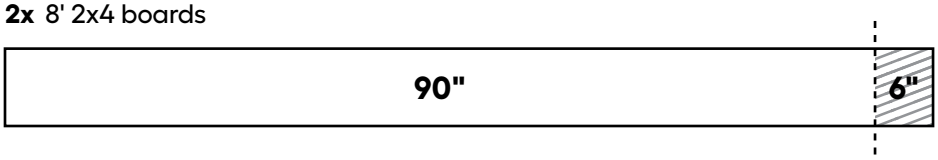
(See next page for all cuts.)

FRONT WALL | Cuts (structure)

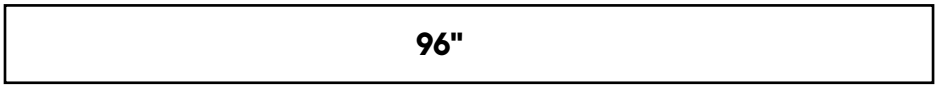
Cut line Scrap

B1 **2x** 12' 2x4 boards

B2 **2x** 8' 2x4 boards

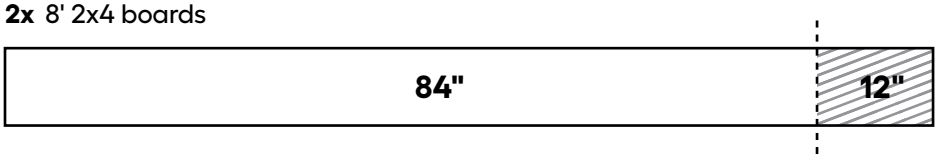


B3 **2x** 8' 2x4 boards

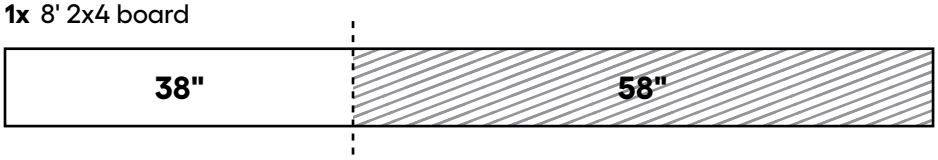


B4 **2x** 12' 2x4 boards

B5 **2x** 8' 2x4 boards

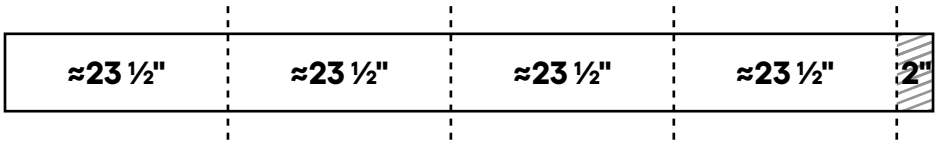


B6 **1x** 8' 2x4 board

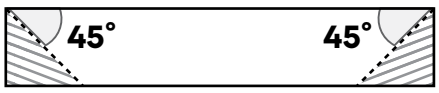


B7 **2x** 8' 2x4 boards

Important: Be sure to measure the space before each cut to avoid wasting wood.
Wood is never perfectly straight, so measurements will fluctuate slightly from place to place.

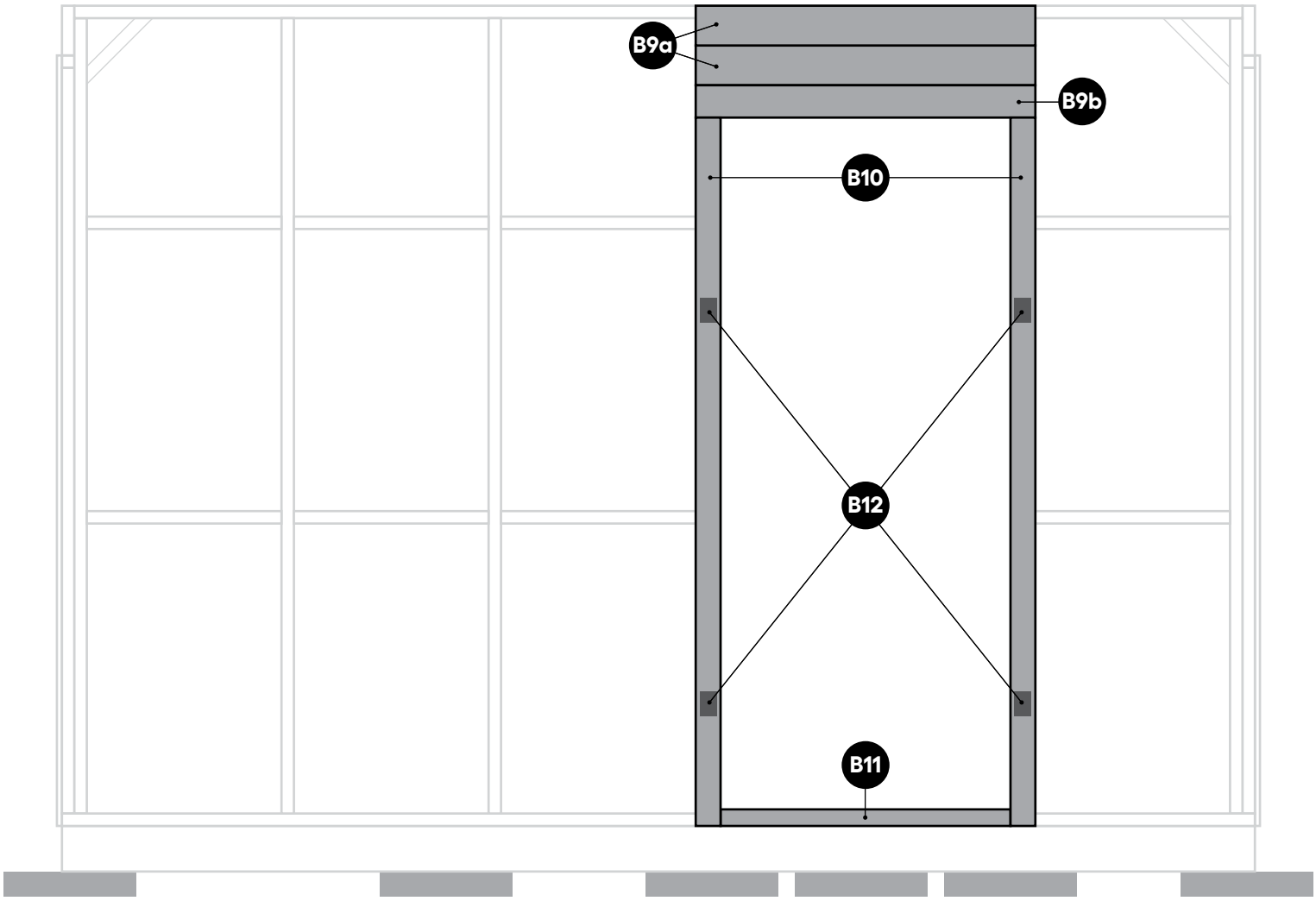


B8 **2x** 2x4 scraps with both ends cut at a 45° angle.



FRONT WALL (finish)

Cut line Scrap

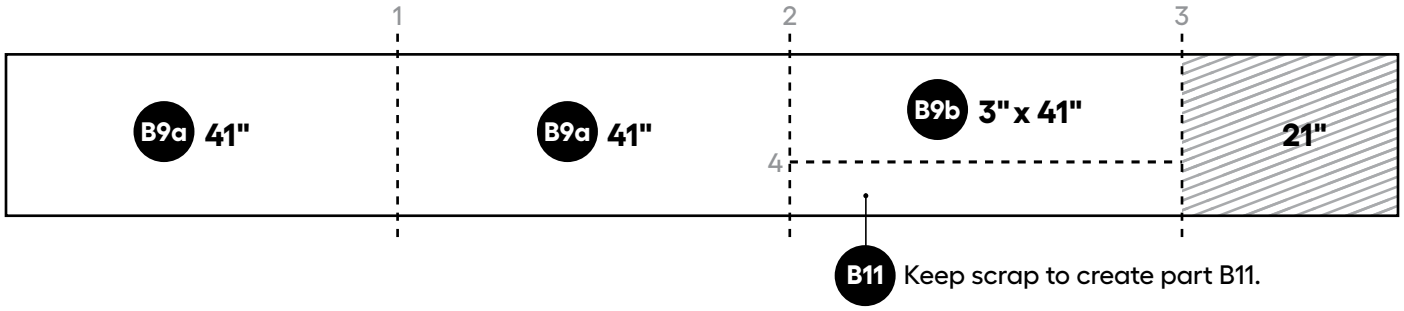


(See next page for all cuts.)

FRONT WALL | Cuts (finish)

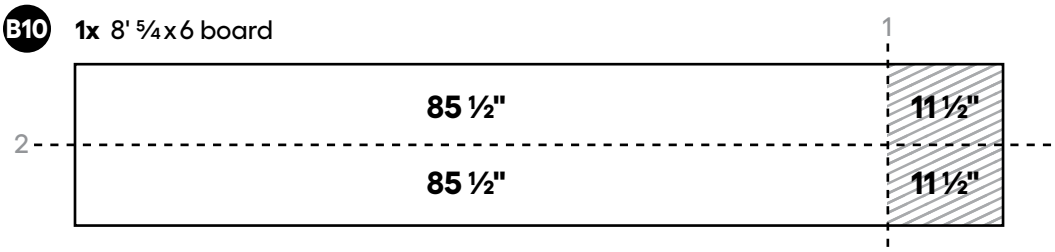
Cut line Scrap

B9 **1x** 12' ¾ x 6 board



B11 Keep scrap to create part B11.

B10 **1x** 8' ¾ x 6 board

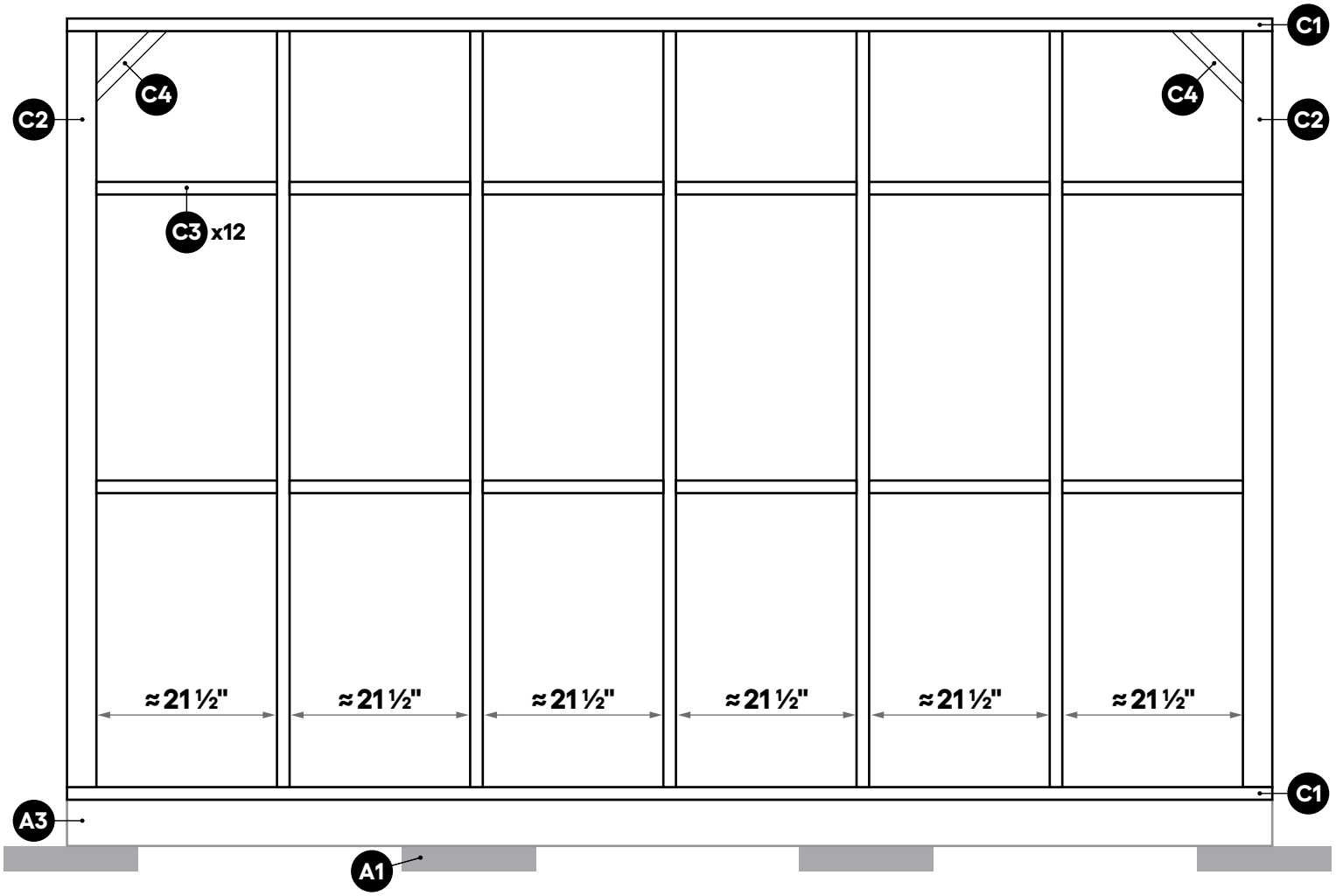


B11 Cut the scrap from part B9 (see above) at ≈1 ½" x 34" to create part B11.

B12 Use scraps from ¾ x 6 boards to create parts B12 (≈2" x 3").

REAR WALL

Cut line Scrap



C1 **2x** 12' 2x4 boards

144"

C2 **2x** 8' 2x4 boards

90" | 6"

C3 **3x** 12' 2x4 boards

Important: Be sure to measure the space before each cut to avoid wasting wood.
Wood is never perfectly straight, so measurements will fluctuate slightly from place to place.

≈21½" | ≈21½" | ≈21½" | ≈21½" | ≈21½" | ≈21½" | 15"

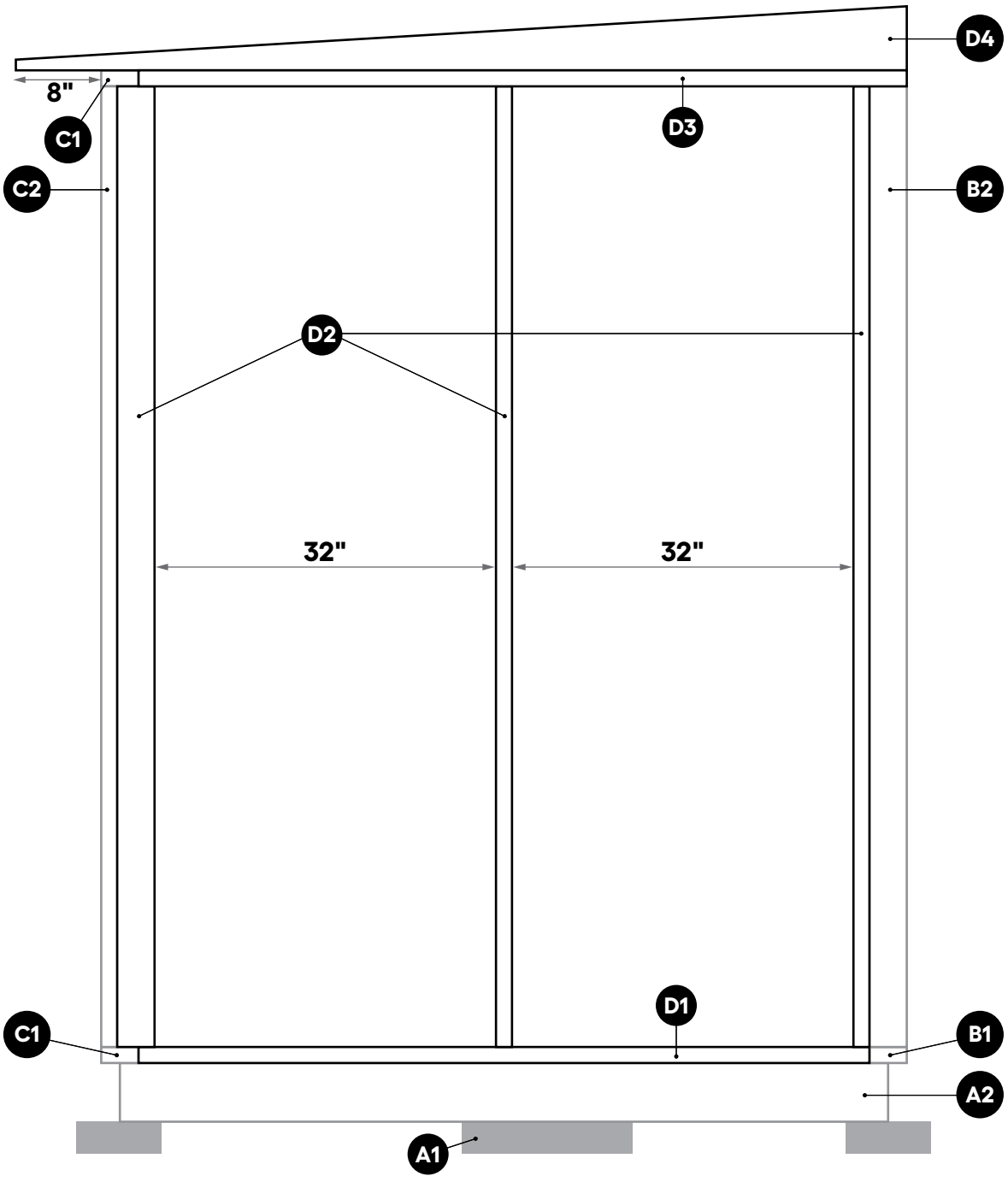
C4 **2x** 2x4 scraps with both ends cut at a 45° angle.

45° 45°

SIDE WALLS 2X | Exterior (structure)

Cut line Scrap

BACK **FRONT**



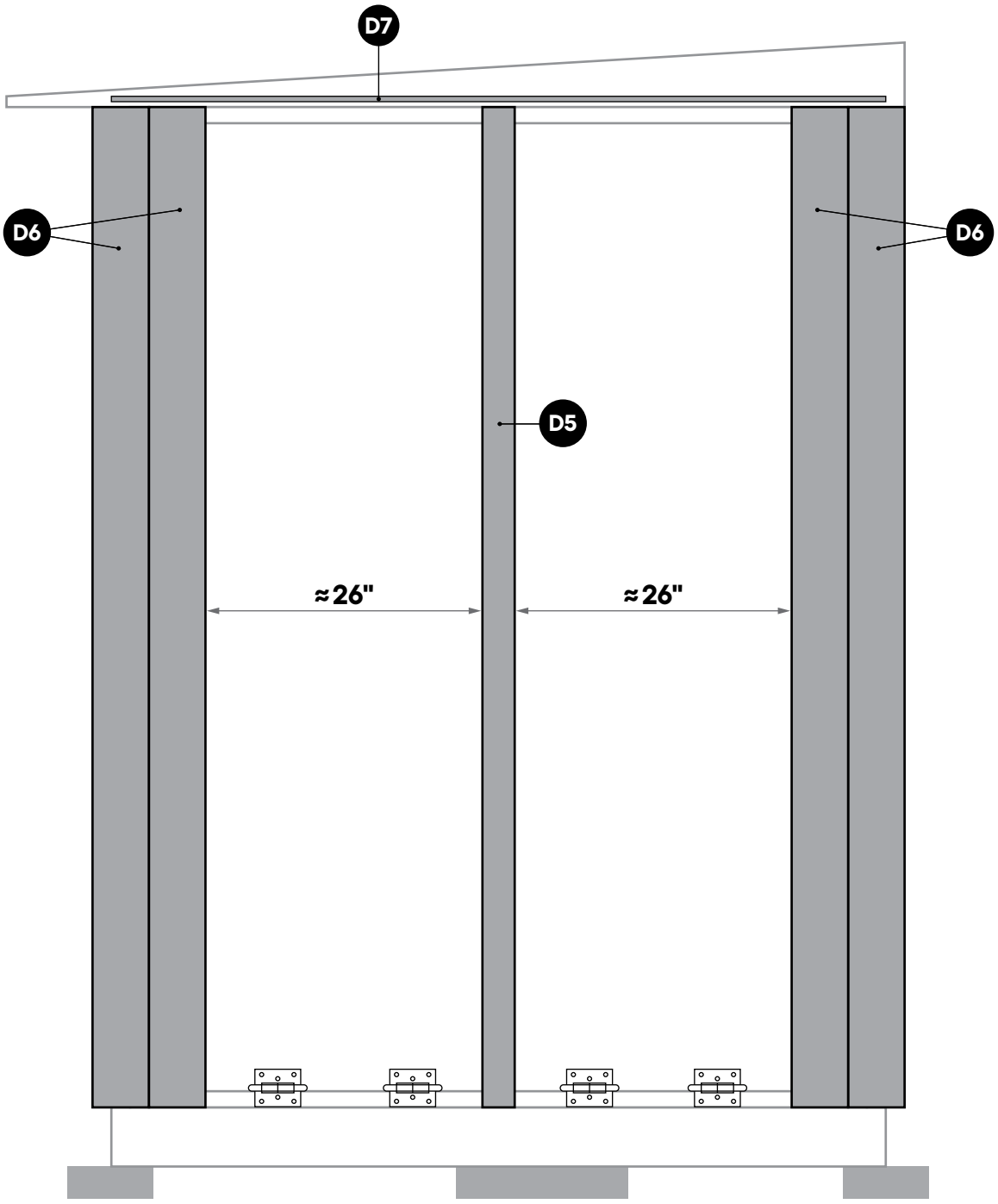
(See page 10 for all cuts.)

SIDE WALLS 2X | Exterior (finish)

Cut line

Scrap

BACK **FRONT**

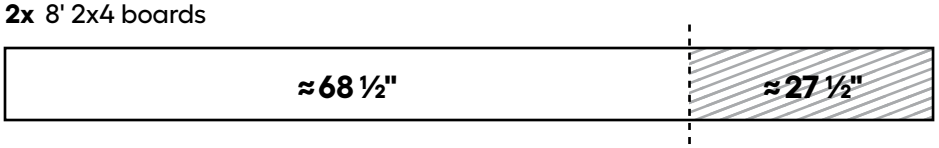


(See page 10 for all cuts.)

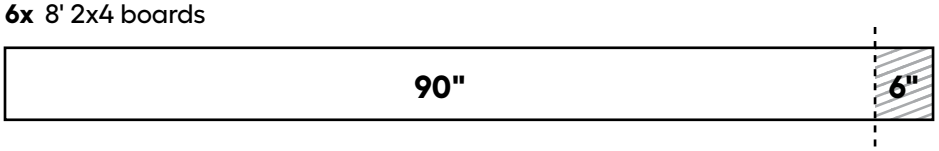
SIDE WALLS 2X | Cuts (exterior)

Cut line Scrap

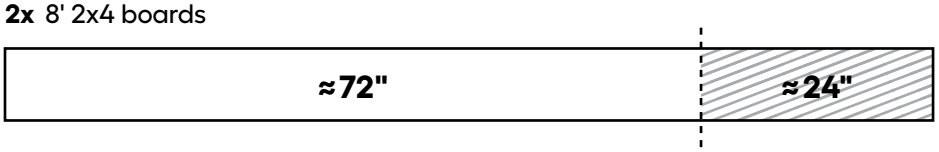
D1 **2x** 8' 2x4 boards



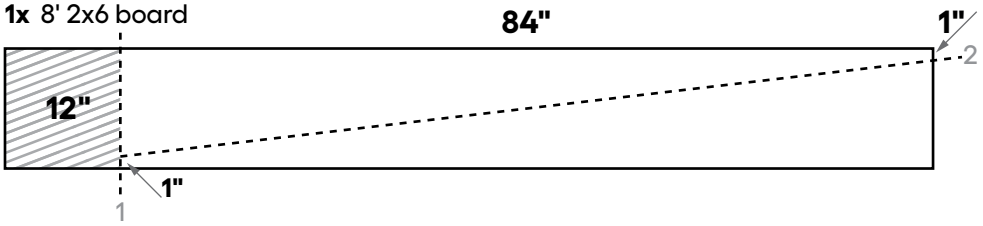
D2 **6x** 8' 2x4 boards



D3 **2x** 8' 2x4 boards

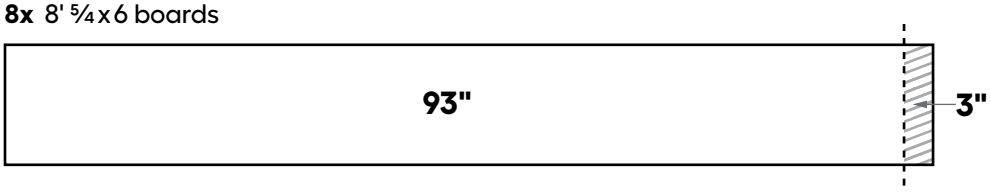


D4 **1x** 8' 2x6 board

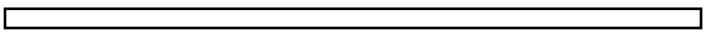


D5 **8x** 8' ¾ x 6 boards

D6 **8x** 8' ¾ x 6 boards

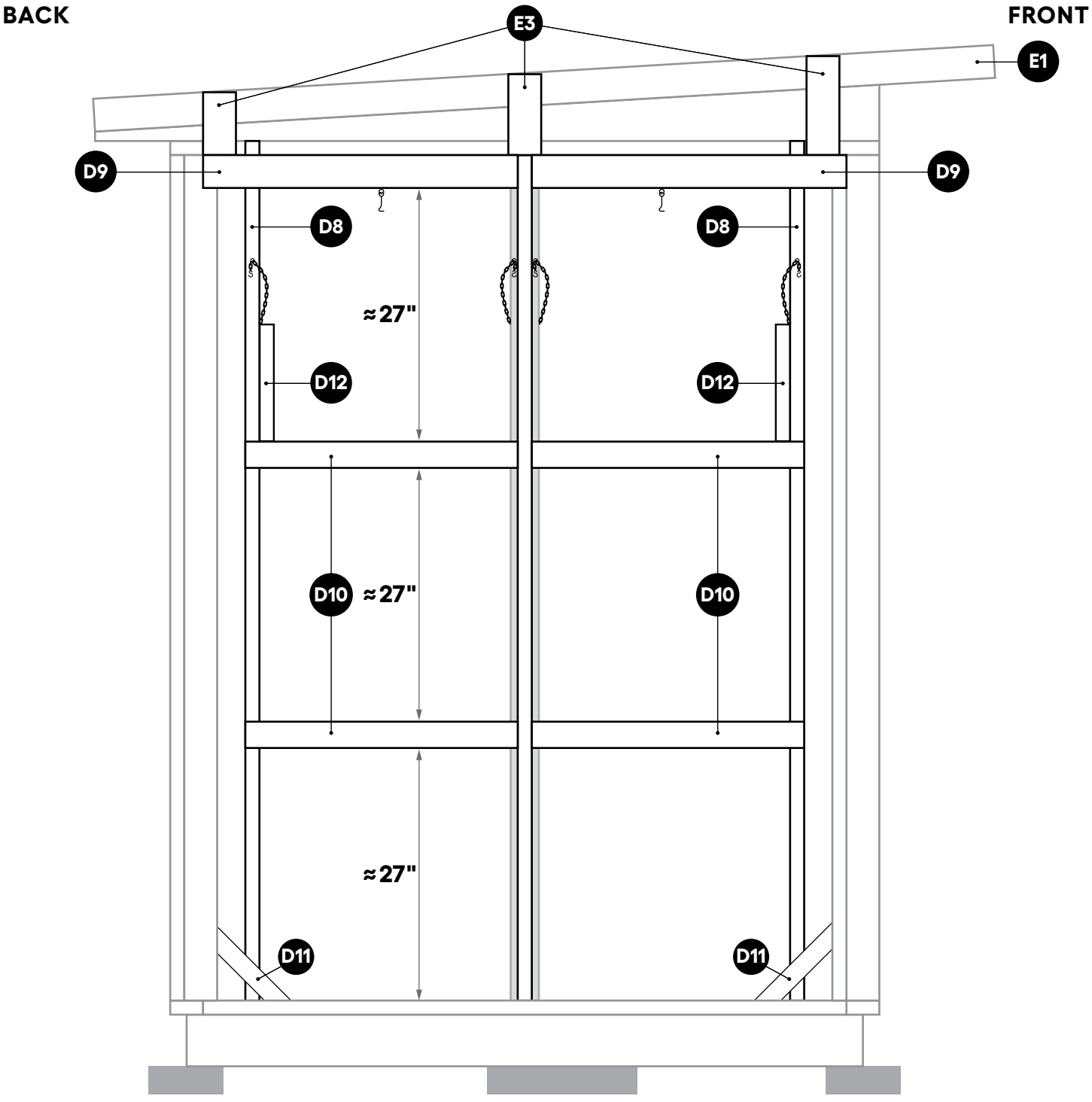


D7 **1x** 6' PVC moulding



SIDE WALLS 2X | Interior

Cut line Scrap

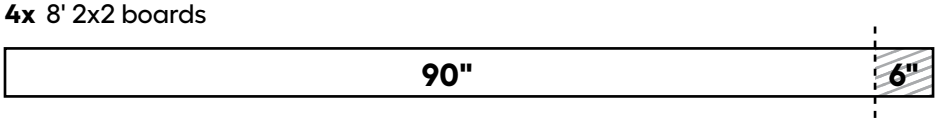


(See next page for all cuts.)

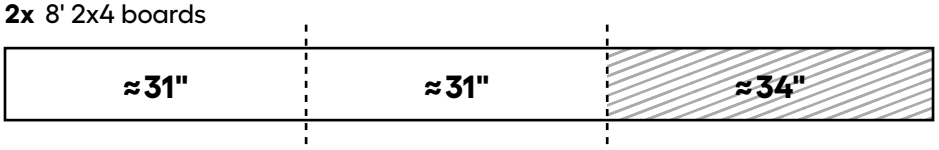
SIDE WALLS 2X | Cuts (interior)

Cut line Scrap

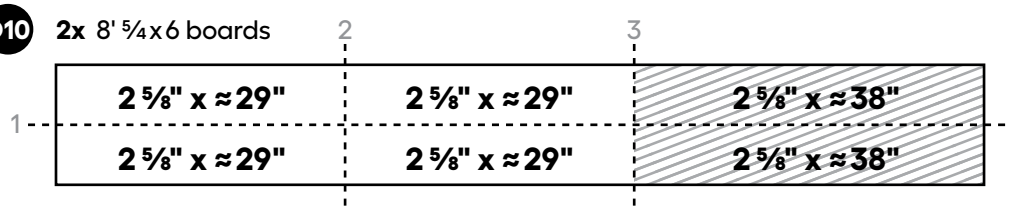
D8 **4x** 8' 2x2 boards



D9 **2x** 8' 2x4 boards

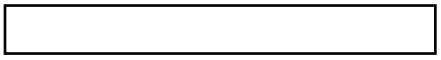


D10 **2x** 8' ¾ x 6 boards



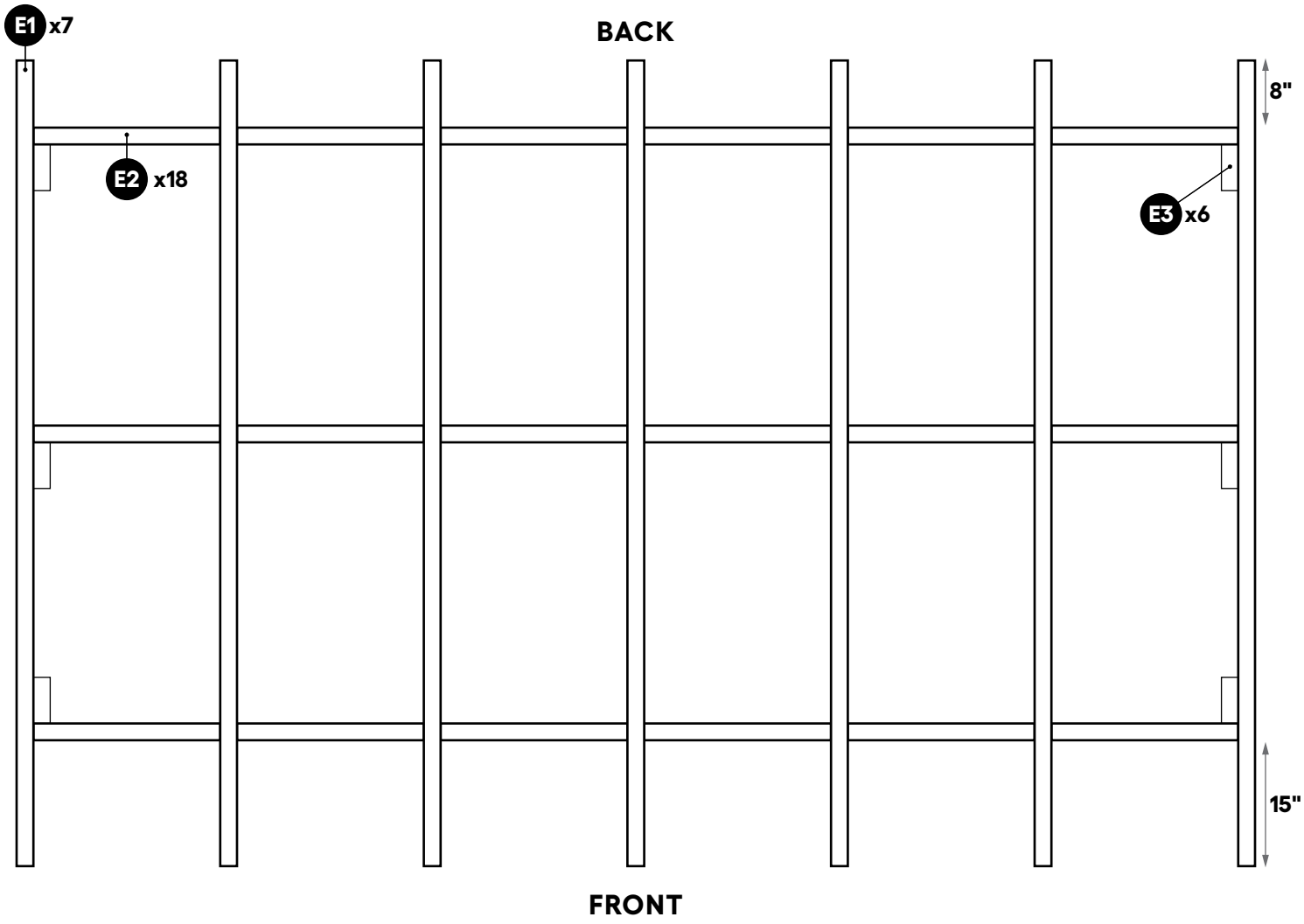
D11 **2x** 2x4 scraps with both ends cut at a 45° angle.

D12 **2x** 2x2 scraps cut to the same length as the chains.



ROOF

Cut line Scrap



E1 **7x** 8' 2x4 boards

96"

E2 **3x** 12' 2x4 boards

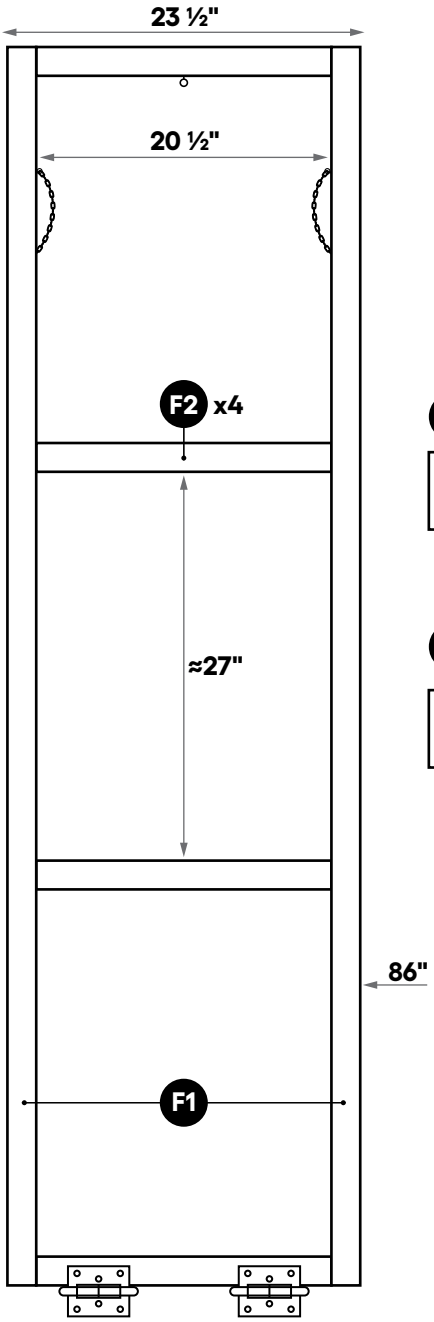
Important: Be sure to measure the space before each cut to avoid wasting wood.
Wood is never perfectly straight, so measurements will fluctuate slightly from place to place.

≈ 22 ¼"	≈ 22 ¼"	≈ 22 ¼"	≈ 22 ¼"	≈ 22 ¼"	≈ 22 ¼"	10 ½"

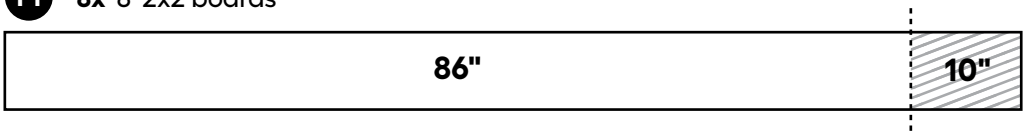
E3 **3x** 2x4 scraps to secure the roof to the side walls.

WINDOWS 4X

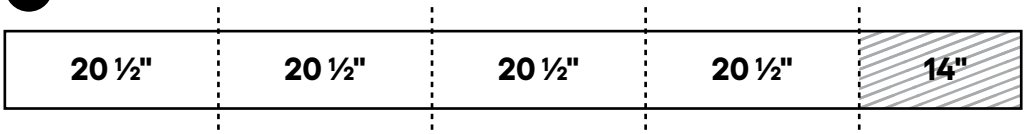
Cut line Scrap



F1 **8x** 8' 2x2 boards

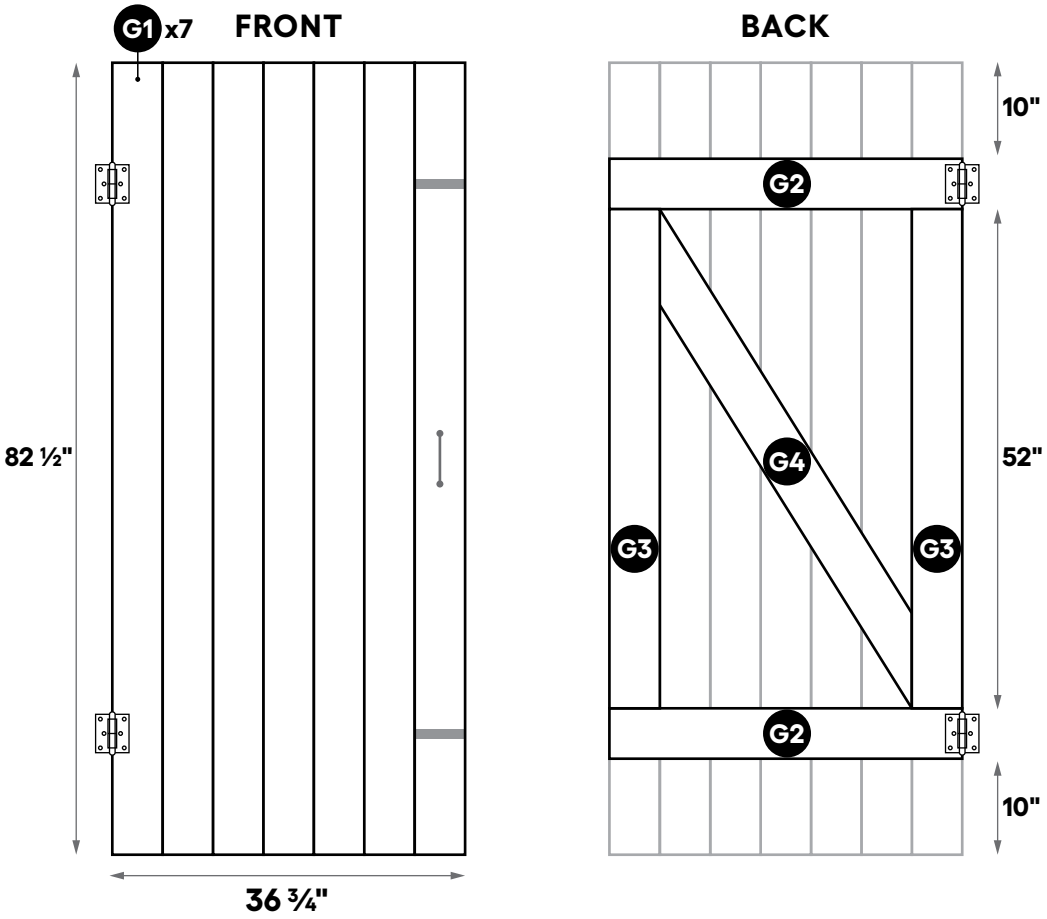


F2 **4x** 8' 2x2 boards

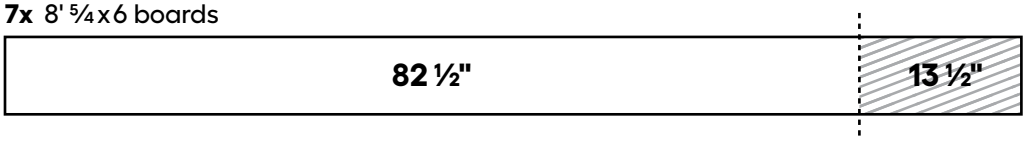


DOOR

Cut line Scrap

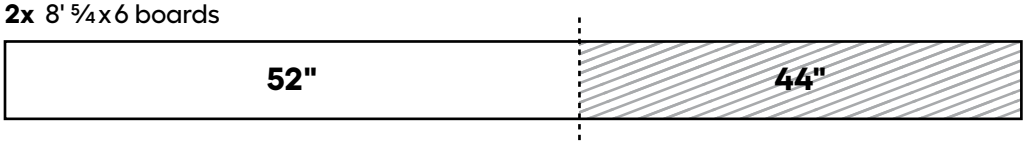


G1 **7x** 8' ¾x6 boards



G2 **1x** 8' ¾x6 board

G3 **2x** 8' ¾x6 boards



G4 **1x** 8' ¾x6 board

- Place the board across parts G3, as illustrated.
- Take a scrap and place it over the part G4, aligning the scrap with a part G3.
- Trace the angle, then cut along the line.
- Repeat for the other end of part G4.

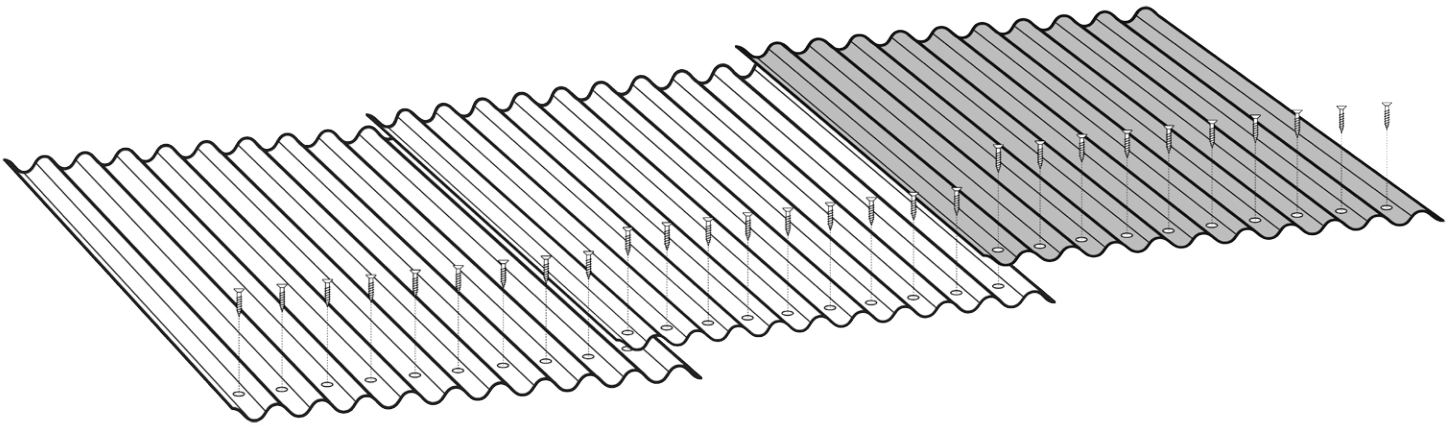
TRANSPARENT PANELS

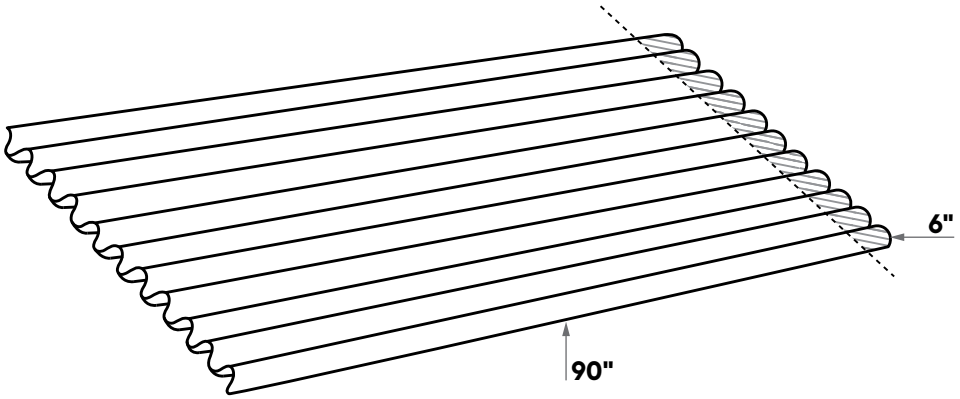
Cut line

Scrap

Pre-drill each hole with a bit slightly larger than the screws to prevent the plastic from cracking as the wood expands and contracts.

Overlap the panels slightly (one wave) so that water doesn't enter the greenhouse when it rains.





Front wall: 4x 2' x 96" panels

Rear wall: 6x 2' x 90" panels

Roof: 6x 2' x 96" panels

Windows: 6x 2' x 90" panels