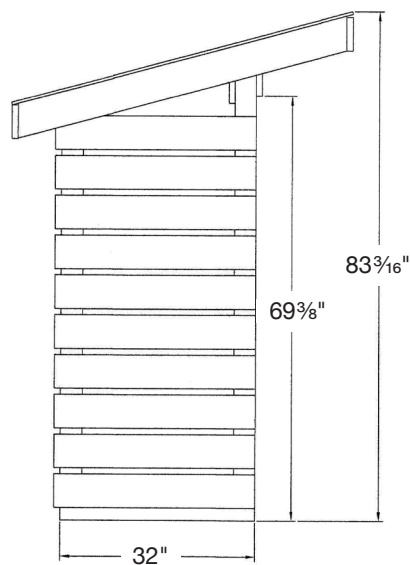
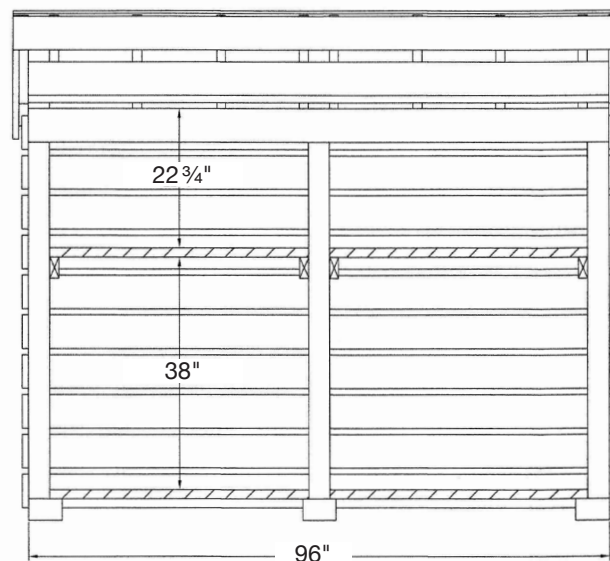




DIMENSIONS



SIDE VIEW

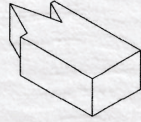


FRONT VIEW

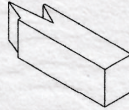
MATERIALS LIST



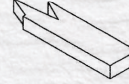
Concrete Block
12"x12"
• 10 blocks



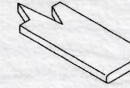
Pressure-Treated 4x6
10-ft.
• 1 board



Pressure-Treated 4x4 Posts
10-ft.
• 2 posts
12-ft.
• 2 posts



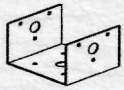
Pressure-Treated 2x4
8-ft.
• 10 boards
10-ft.
• 8 boards



5/4" Pressure-Treated Decking
8-ft.
• 13 boards
12-ft.
• 5 boards
10-ft.
• 3 boards



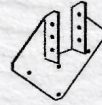
Coated Deck Screws
2" long,
• 150 screws (1.25 lbs.)
2½" long,
• 206 screws (2.25 lbs.)
3" long,
• 130 screws (1.5 lbs.)



Post Base
4x4
• 6 bases



5/16" Hex Lag Bolts
3½" long
• 40 Bolts
5/16" Flat Washers
• 40 Washers



Hurricane Ties
• 4 ties



Connector Nails
1½" long
• 40 required



7/16" OSB,
4' x 8'
• 2 sheets



Asphalt Shingles
• 2 bundles



Roofing Nails
1½" long
• 175 nails
(1.25 lbs.)

FIREWOOD SHELTER CONSTRUCTION

1

CUTTING THE COMPONENTS

The **Cutting Diagrams** show how each piece of lumber is to be broken down. Refer to the **Detail Drawings** to determine the shape of complex components. The components are numbered in the order they are assembled.

Notes:

- The shelf is an optional feature that can be located to suit the needs of the user.
- The materials list includes material for one shelf as shown.
- To preserve the integrity of the pressure-treated lumber, a sealer should be applied to all cuts prior to assembly.

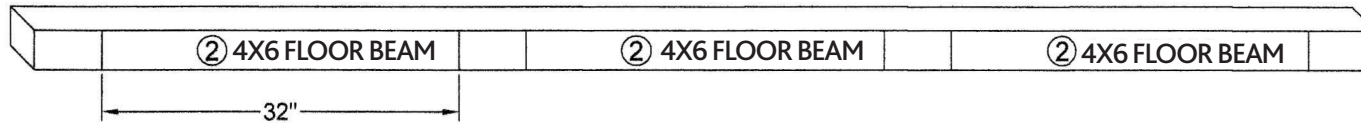
COMPONENTS LIST

#	Component Name	Quantity
①	Concrete Block	10
②	4x6 Floor Beam	3
③	Front Post	3
④	Rear Post	3
⑤	Cleat	4
⑥	Rafter	8
⑦	Ledger Board	4
⑧	4x4 Floor Beam	2
⑨	Short Floor Board	8
⑩	Long Floor Board	10
⑪	Rafter Fascia	2
⑫	Tail Fascia	2
⑬	Roof Sheathing	3
⑭	Back Wall Board	9
⑮	Side Wall Board	20

CUTTING DIAGRAMS

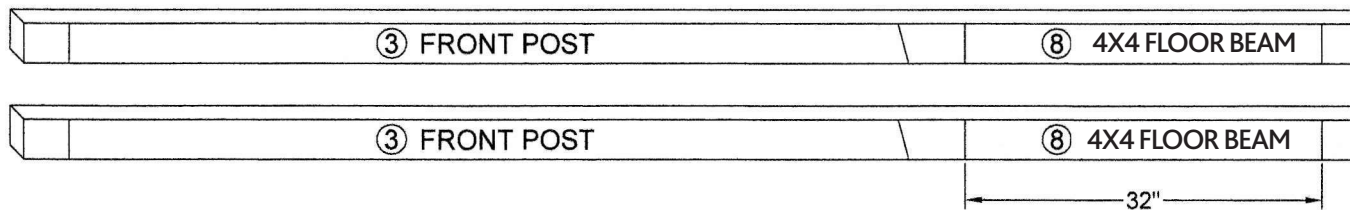
4x6 Pressure-Treated Lumber

One (1) board 10' long is required for component #2.



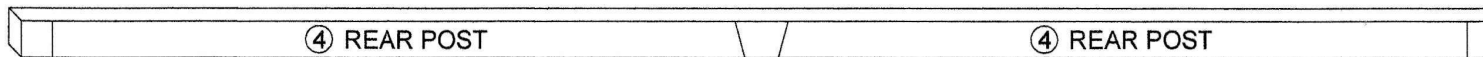
4x4 Pressure-Treated Post

Two (2) posts 10' long are required for components #3 & #8.



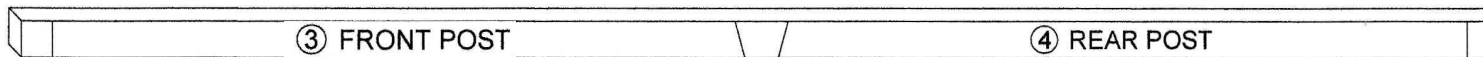
4x4 Pressure-Treated Post

One (1) post 12' long is required for component #4.



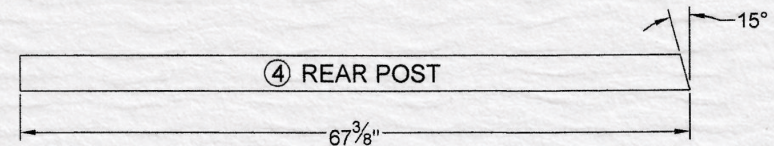
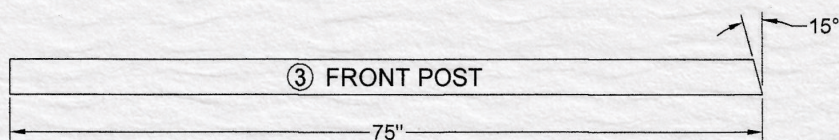
4x4 Pressure-Treated Post

One (1) post 12' long is required for component #3 & #4



DETAIL DRAWINGS

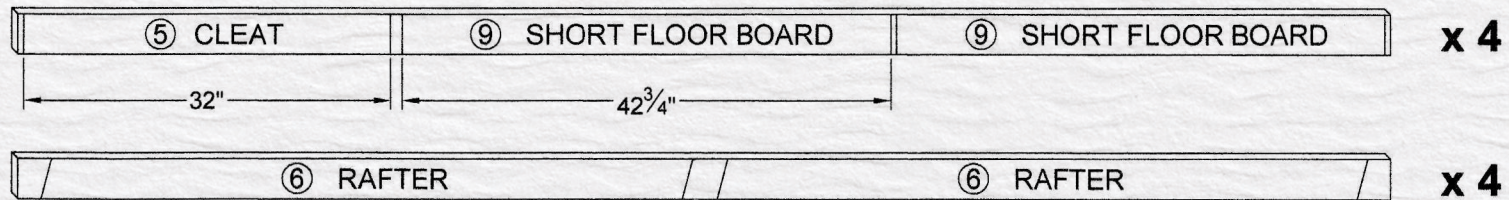
4x4 Pressure-Treated Post



CUTTING DIAGRAMS *(continued)*

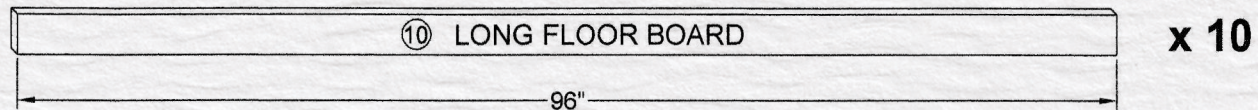
2x4 Pressure-Treated Lumber

Eight (8) boards 10' long are required for components #5, #6 and #9.



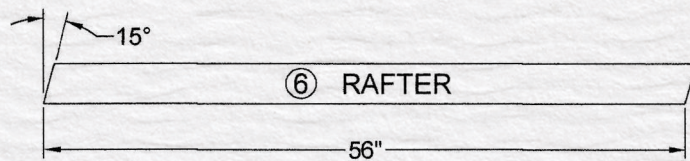
2x4 Pressure-Treated Lumber

Ten (10) boards 8' long are required for component #10



DETAILED DRAWINGS

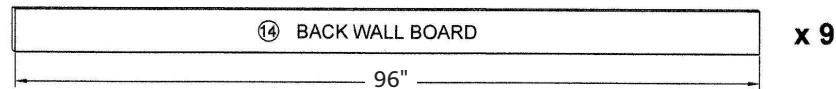
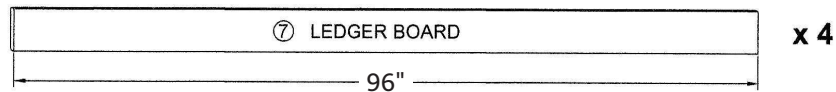
2x4 Pressure-Treated Lumber



CUTTING DIAGRAMS *(continued)*

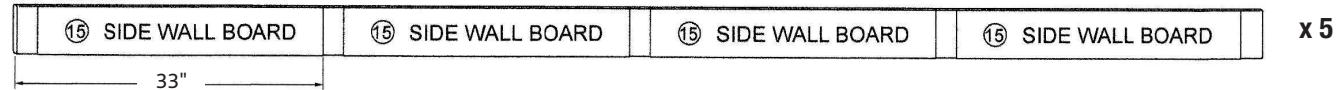
5/4" Pressure-Treated Decking

Thirteen (13) boards 8' long are required for components #7 and #14

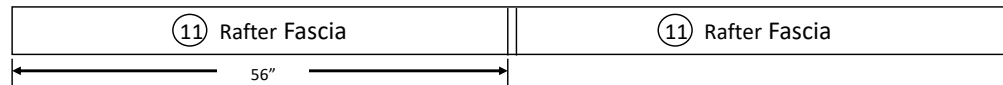
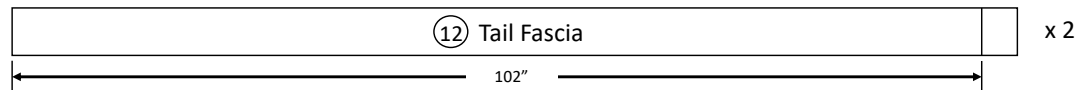


5/4" Pressure-Treated Decking

Five (5) boards 12' long are required for component #15

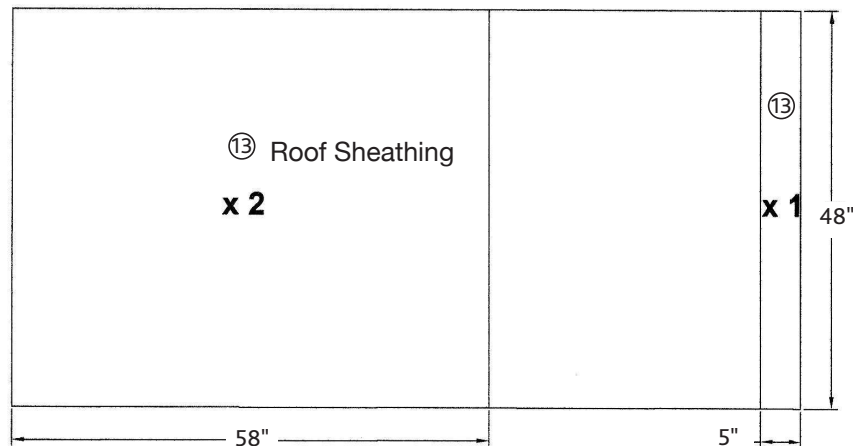


Three (3) boards 10' long are required for component #11 and #12



7/16" OSB Sheathing

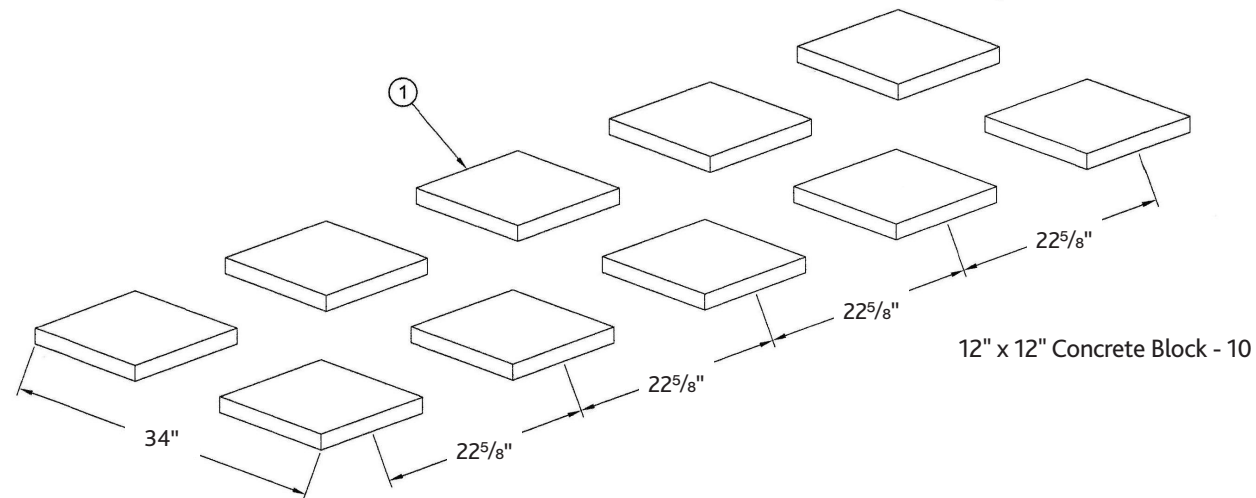
Two (2) 4' x 8' sheets are required for component #13



FIREWOOD SHELTER ASSEMBLY

- To maintain air flow, all floor and wall boards are spaced 1" apart.
- 1" spacer blocks are used throughout the construction to maintain consistent spacing.
- When installing screws, drilling clearance and pilot holes reduces the chance of splitting the wood and makes it easier to align the joint.
- Adequate bracing is required when erecting this project.

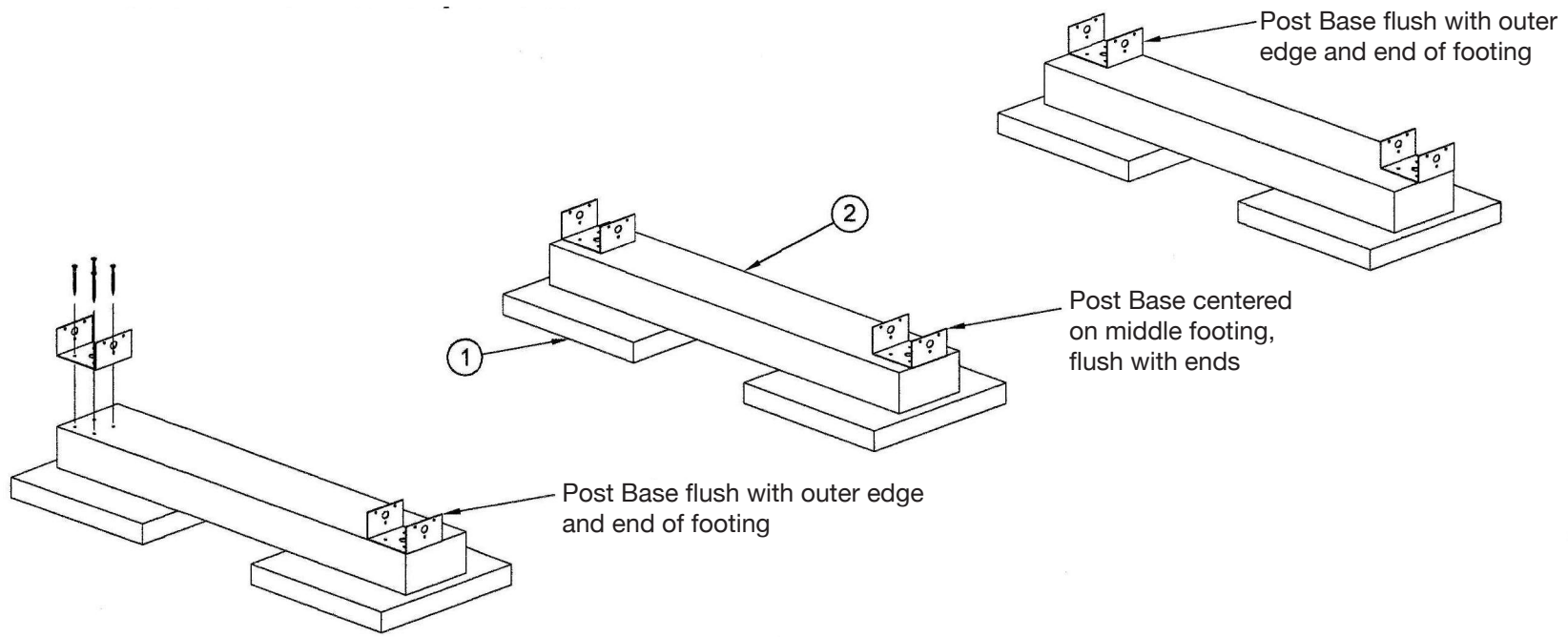
STEP 1. PREPARE THE SITE



- Position and level Concrete Blocks (1) as shown. Blocks should rest on a well drained, firmly compacted base.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 2. 4X6 FLOOR BEAM PREPARATION

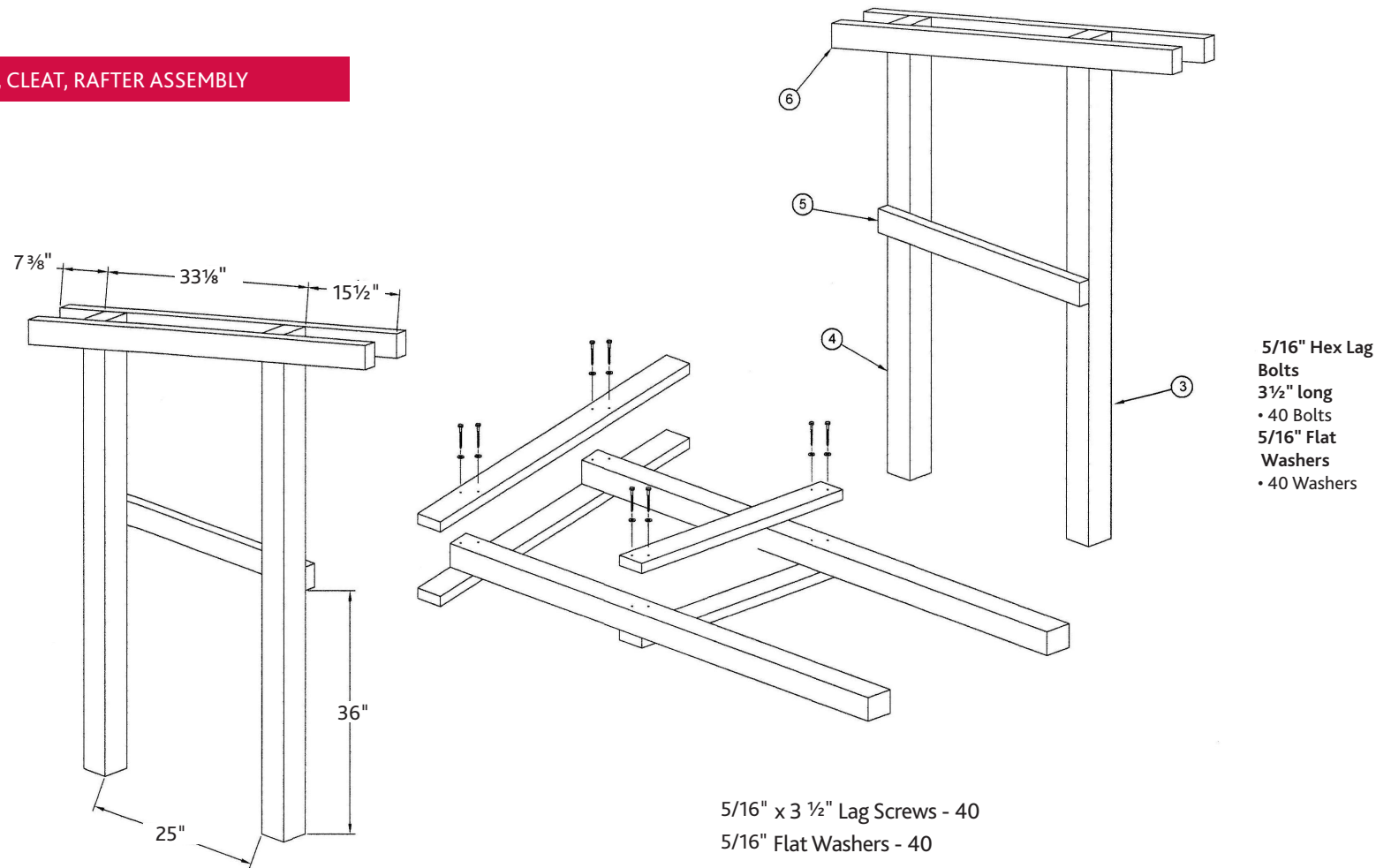


Post Base - 6
2" Deck Screws - 24

- 2.1 Position the 4x6 Floor Beams (2) as shown on the Concrete Blocks (1).
- 2.2 Position the Post Base on the Footings as shown.
Note the orientation of the Post Bases and their location on each beam.
- 2.3 Secure the Post Bases using 2" Deck Screws.

FIREWOOD SHELTER ASSEMBLY (continued)

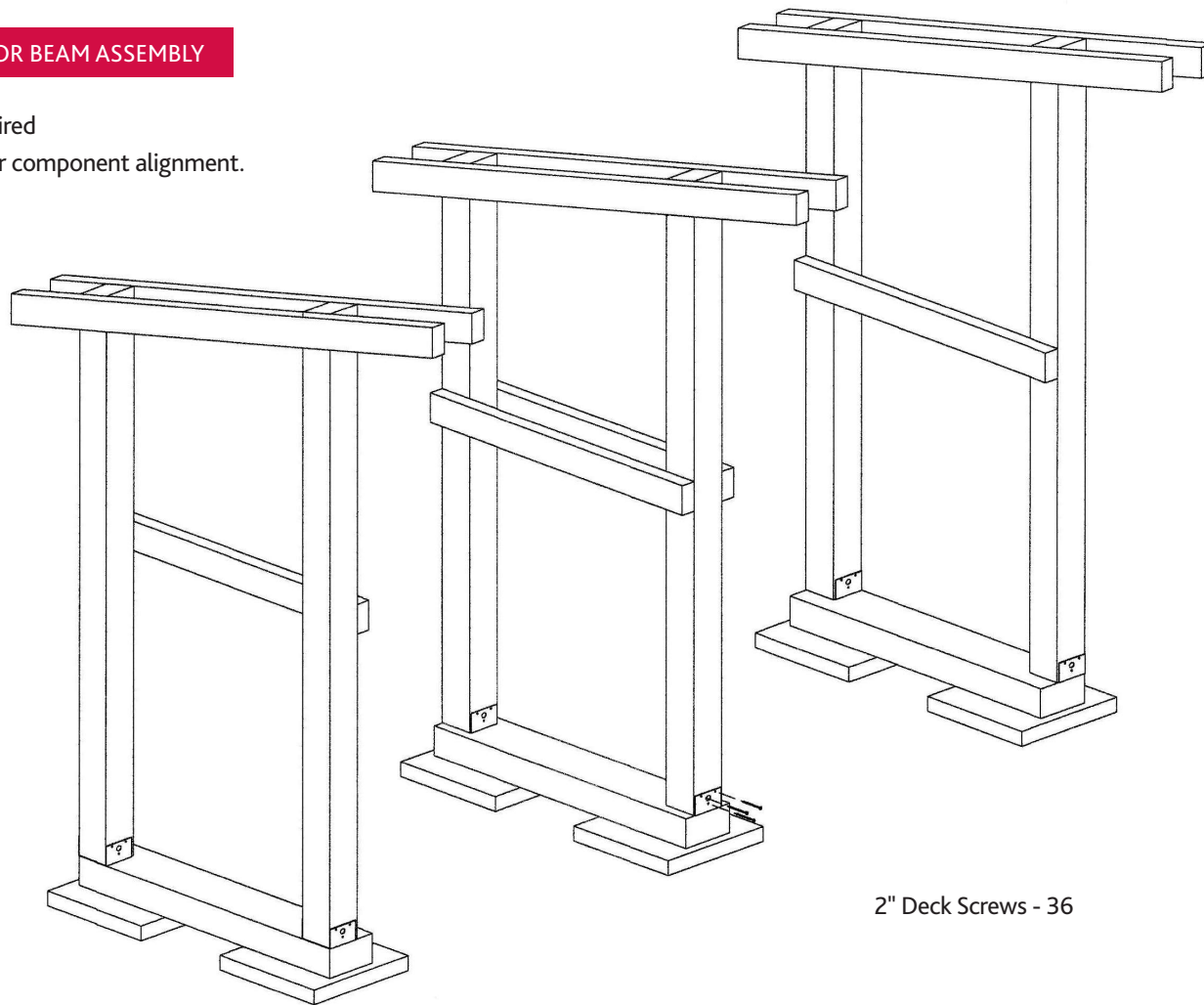
STEP 3. POST, CLEAT, RAFTER ASSEMBLY



FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 4. FRAME TO 4X6 FLOOR BEAM ASSEMBLY

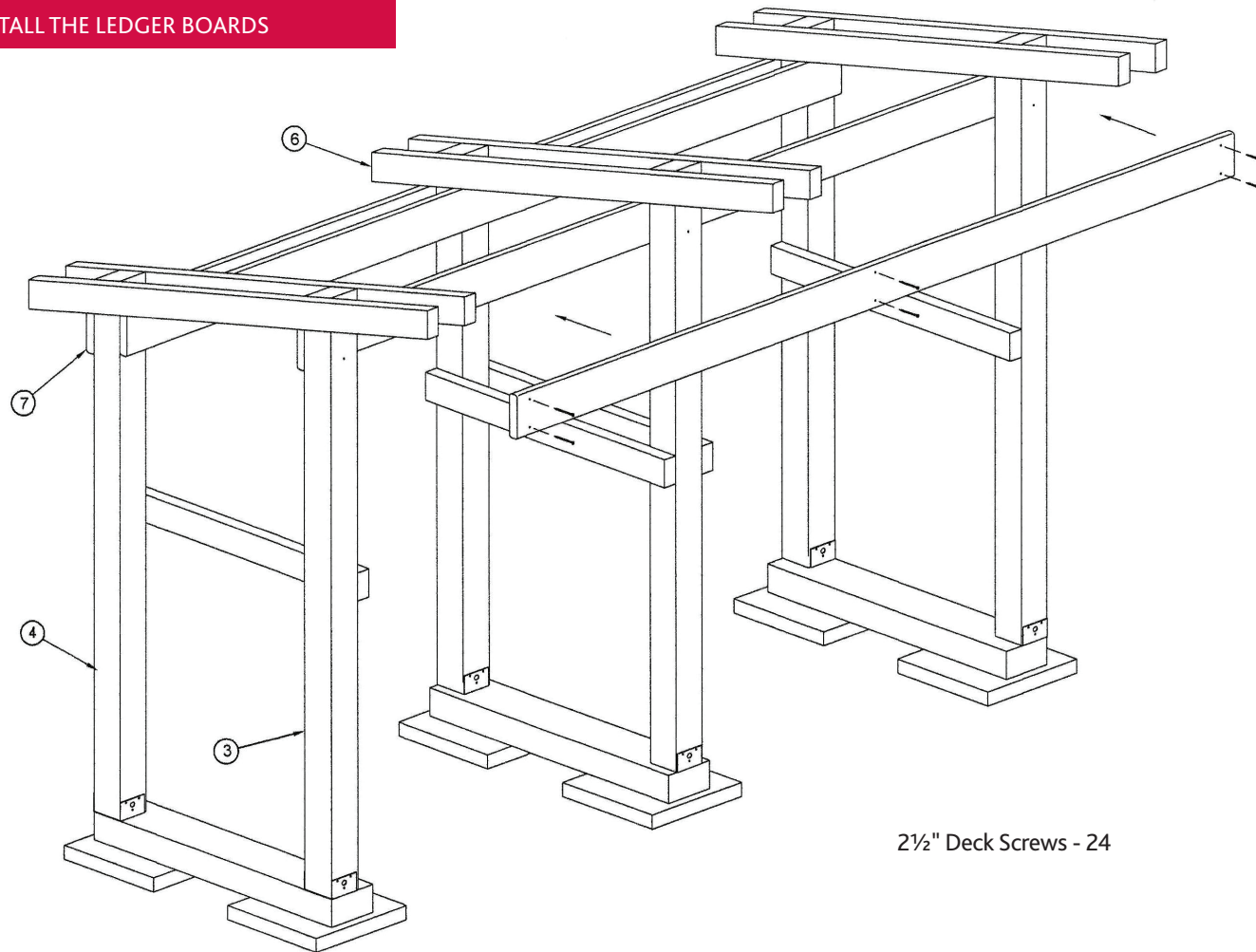
Note: Temporary bracing is required for safety and to maintain proper component alignment.



- Secure the frames to the Post Bases using 2" Deck Screws.

FIREWOOD SHELTER ASSEMBLY *(continued)*

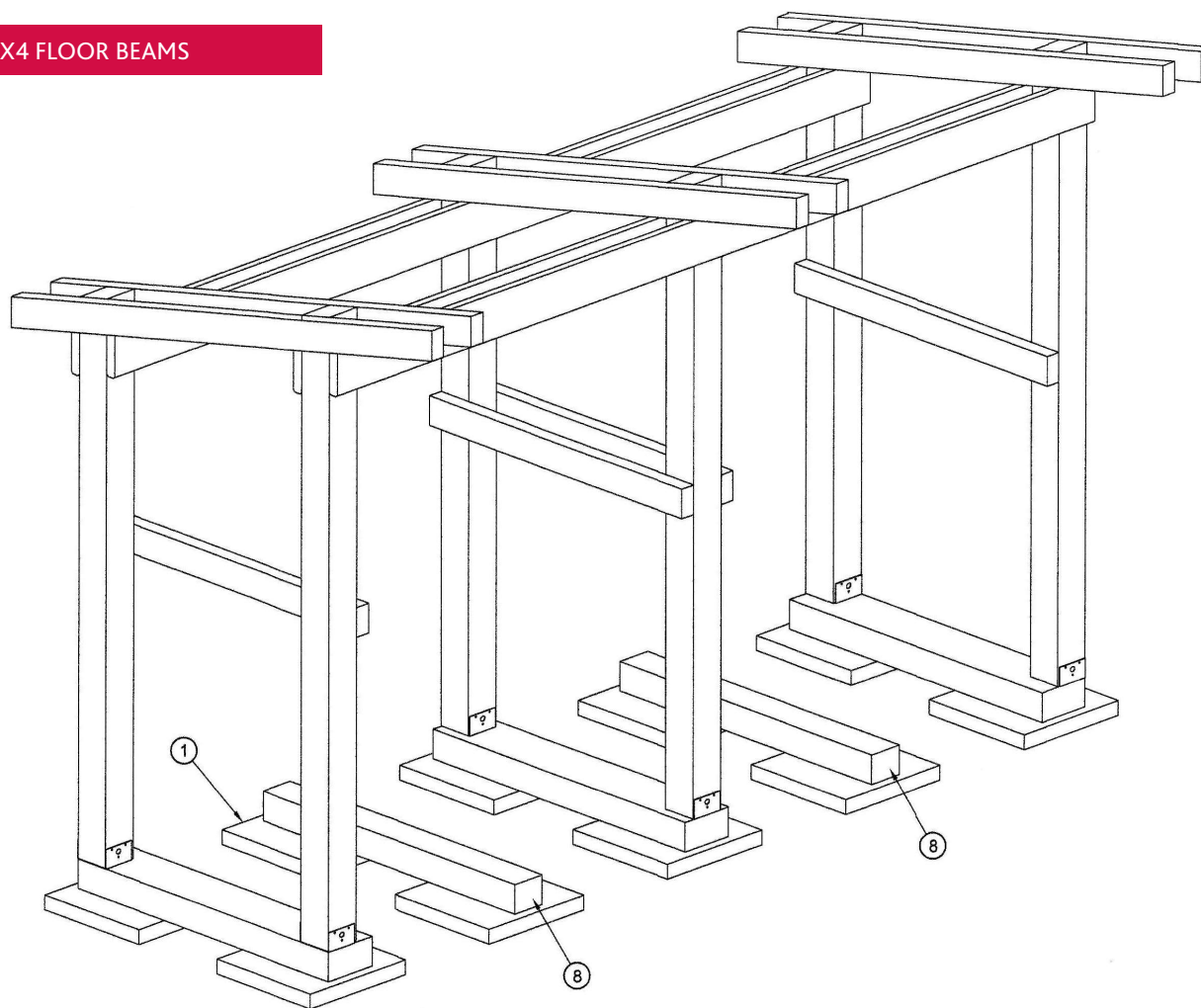
STEP 5. INSTALL THE LEDGER BOARDS



- Position the Ledger Boards (7) tight against the underside of the Rafters (6) and secure them to the Posts (3) and (4) using 2 1/2" Deck Screws.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 6. POSITION 4X4 FLOOR BEAMS

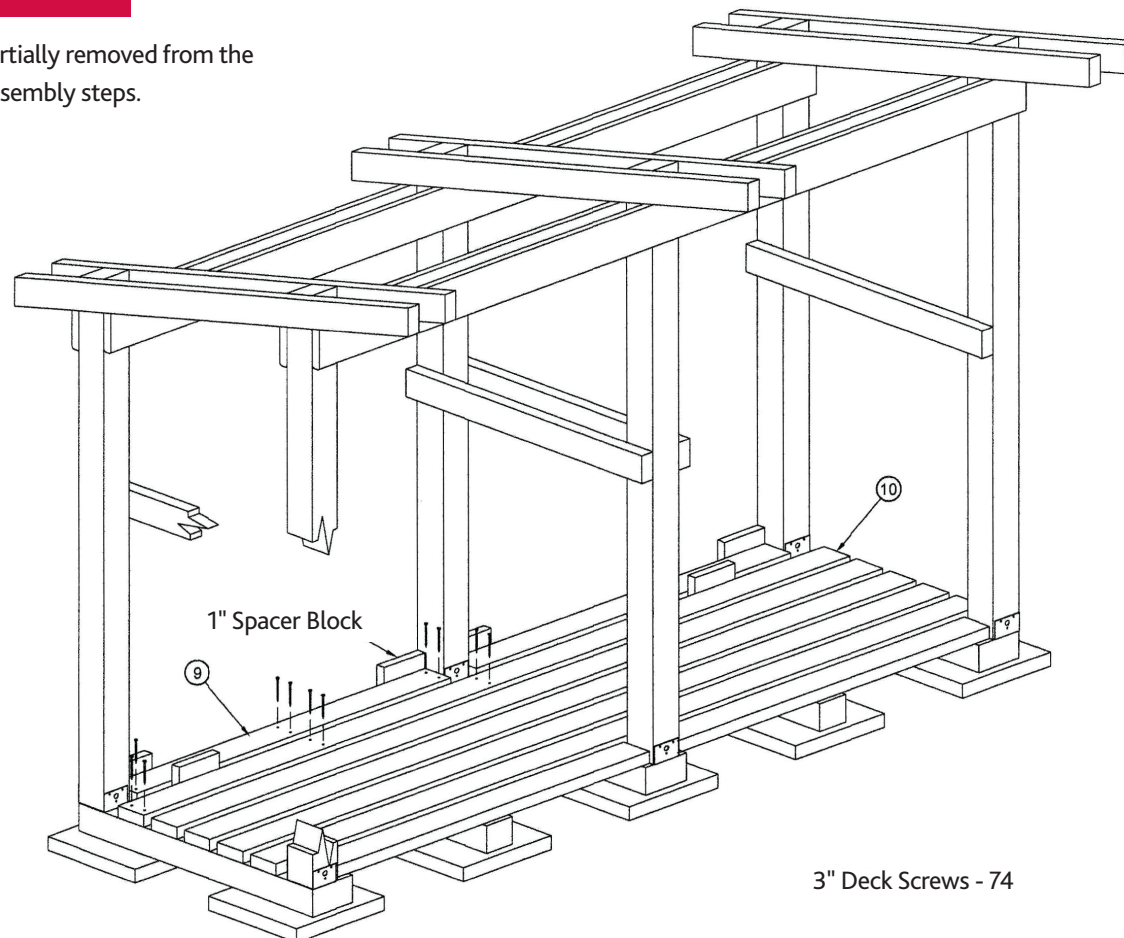


- Centre the 4x4 Floor Beams (8) on the Concrete Blocks (1) as shown.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 7. INSTALL THE FLOOR

Note: Certain components have been partially removed from the drawing to improve visibility of critical assembly steps.



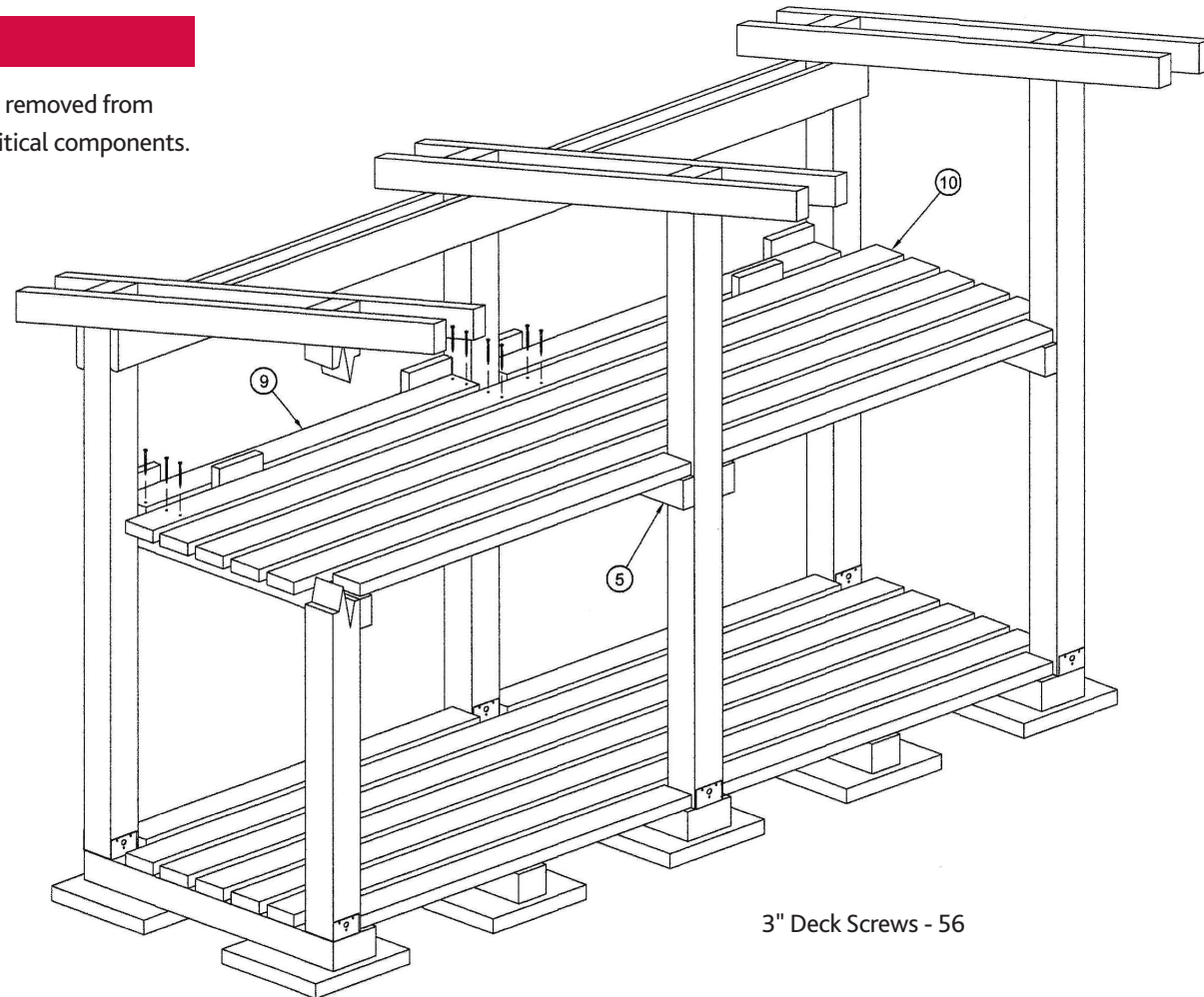
3" Deck Screws - 74

- 7.1 Working from the back of the shelter, place a 1" spacer block flush with the outside face of the post and position a Short Floor Board (9) tight against the spacer.
- 7.2 Secure the floor board to the beams with 3" Deck Screws.
- 7.3 Reposition the spacers against the secure floor board and continue laying the Long Floor Boards (10).

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 8. INSTALL THE SHELF

Note: Front Ledger Boards have been removed from the drawing to improve visibility of critical components.

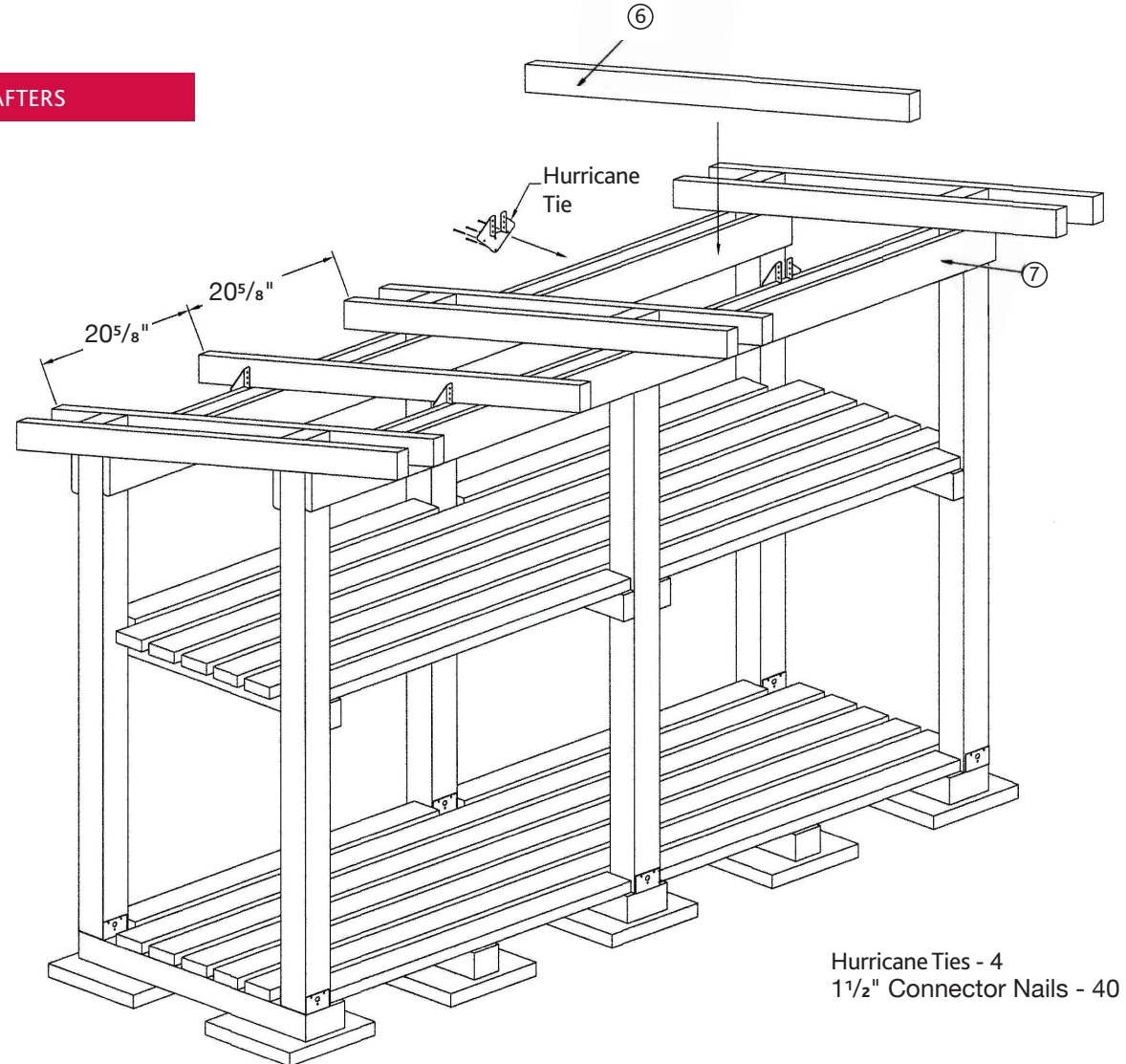


3" Deck Screws - 56

- 8.1 Working from the back of the shelter, place a 1" spacer block flush with the outside face of the post and position a Short Floor Board (9) against the spacer.
- 8.2 Secure the shelf board to the Cleats (5) with 3" Deck Screws.
- 8.3 Reposition the spacers against the secure floor board and continue laying the Long Floor Boards (10).

FIREWOOD SHELTER ASSEMBLY *(continued)*

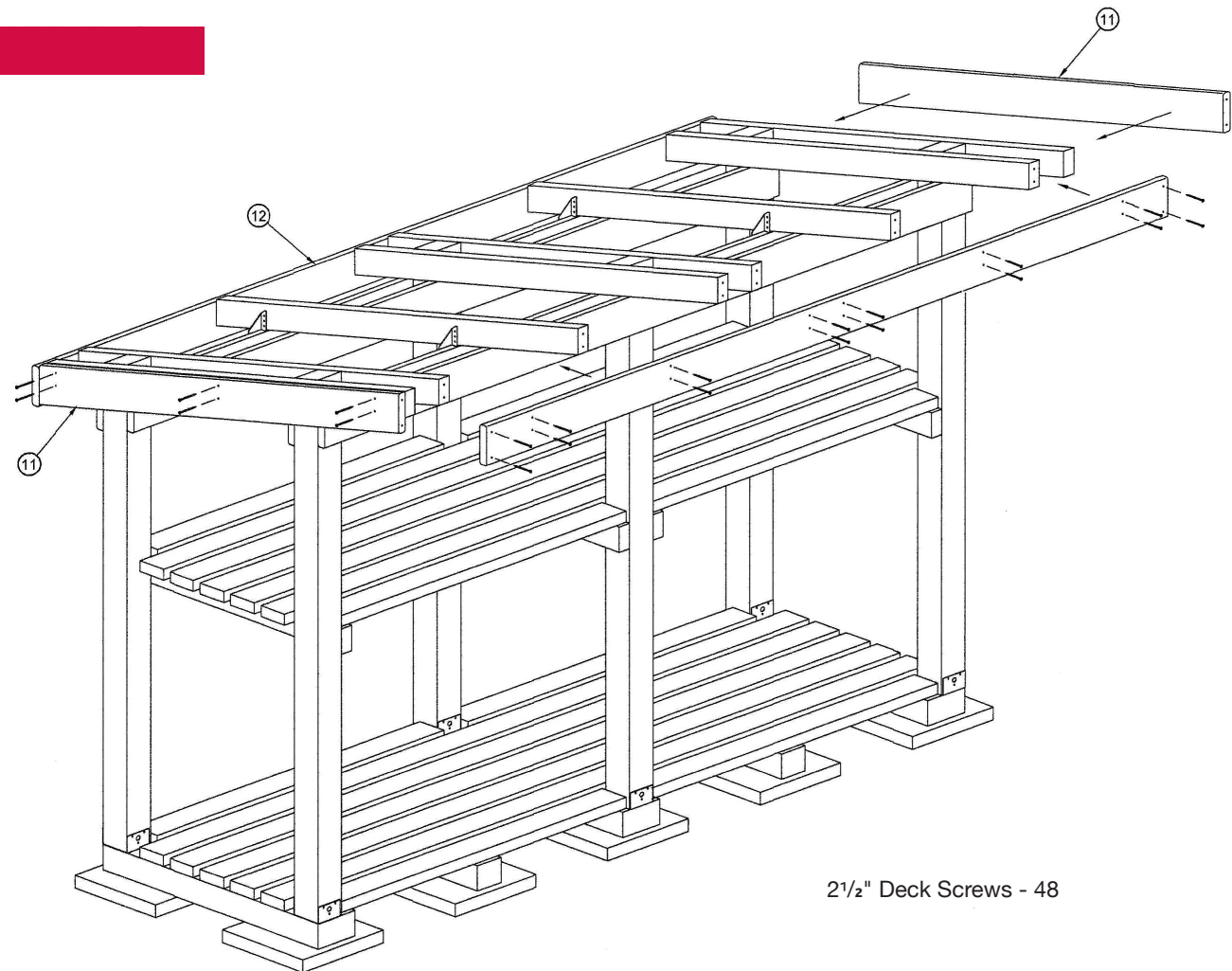
STEP 9. SET THE REMAINING RAFTERS



- 9.1 Space the remaining Rafters (6) evenly between the frame assemblies as shown.
- 9.2 Secure the rafters to the Ledger Boards (7) with Hurricane Ties and 1 1/2" Connector Nails.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 10. INSTALL THE FASCIA

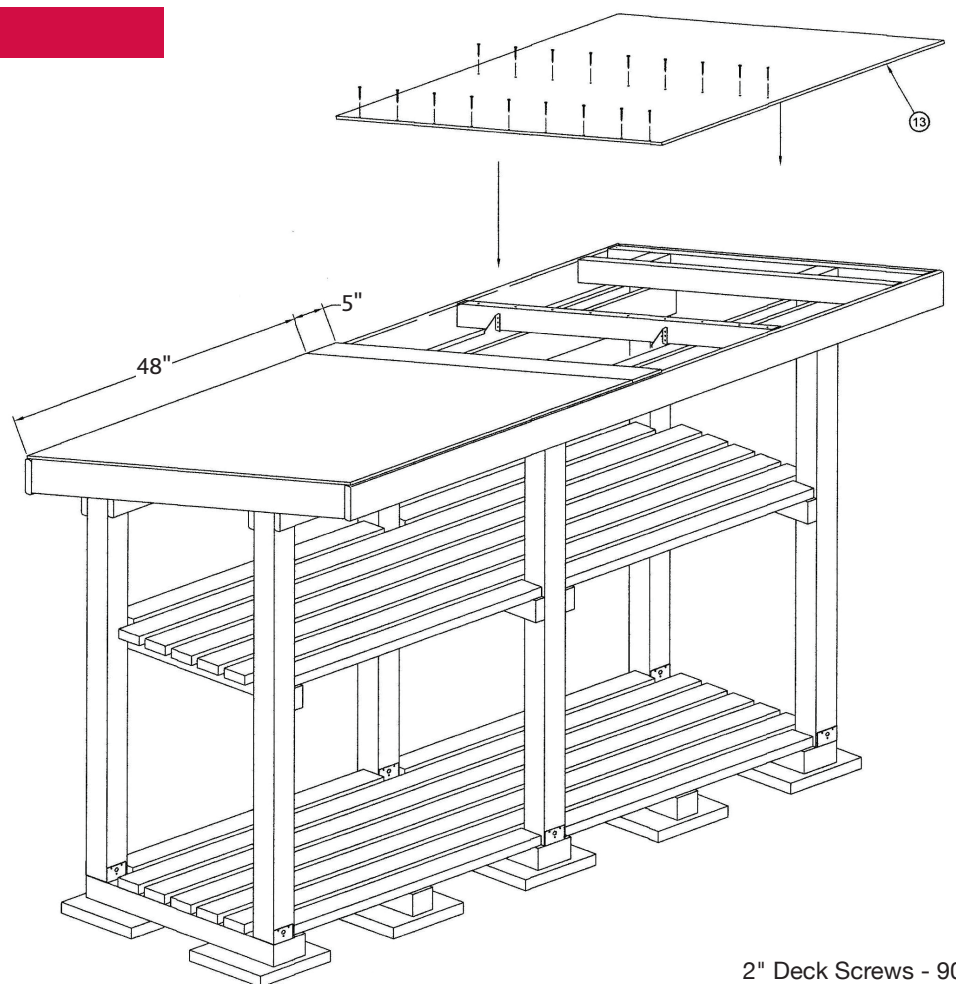


10.1 Secure the Rafter Fascia (11) to the outside rafters with 2 1/2" Deck Screws.

10.2 Secure the Tail Fascia (12) to the rafter tails with 2 1/2" Deck Screws.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 11. SHEATH THE ROOF

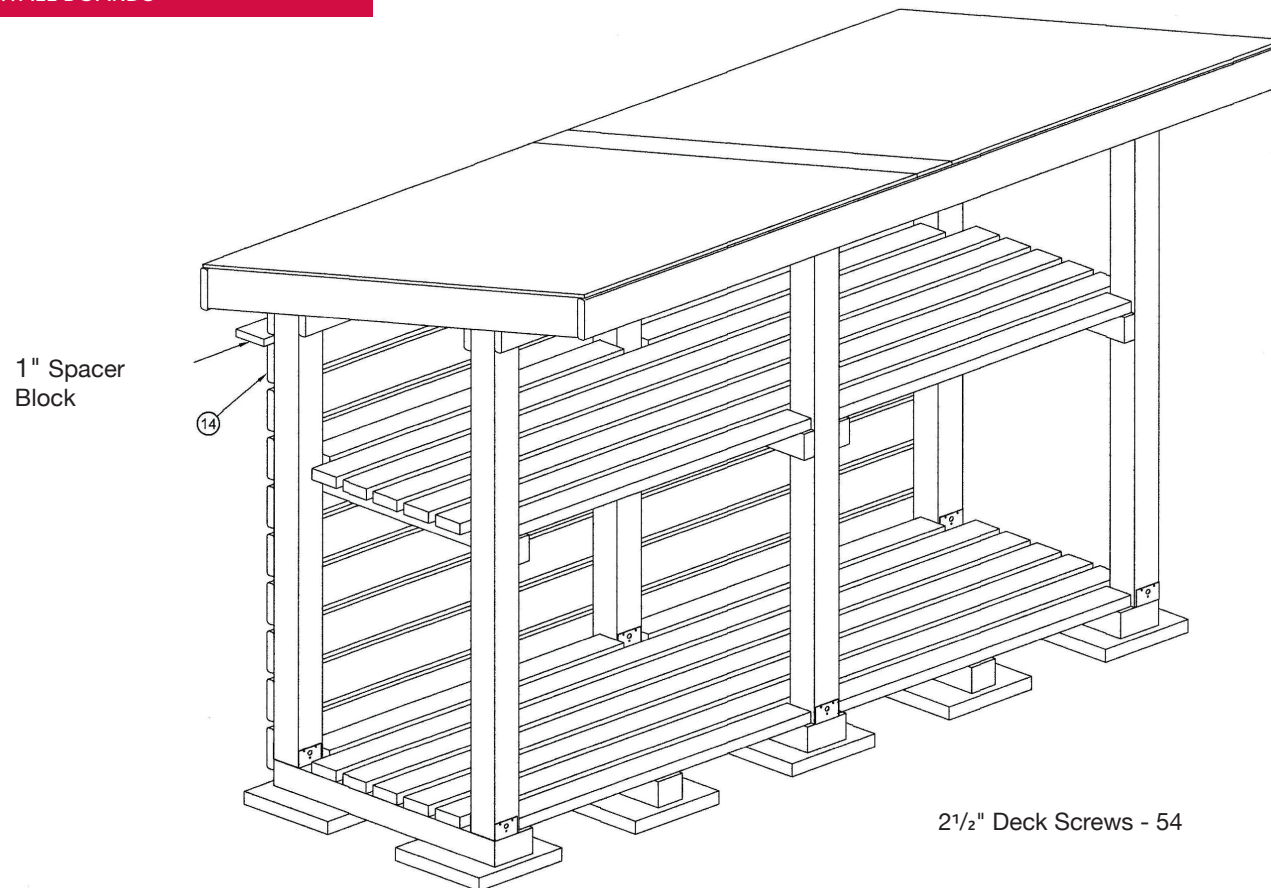


2" Deck Screws - 90

- Position the Roof Sheathing (13) as shown and secure with 2" Deck Screws.

FIREWOOD SHELTER ASSEMBLY *(continued)*

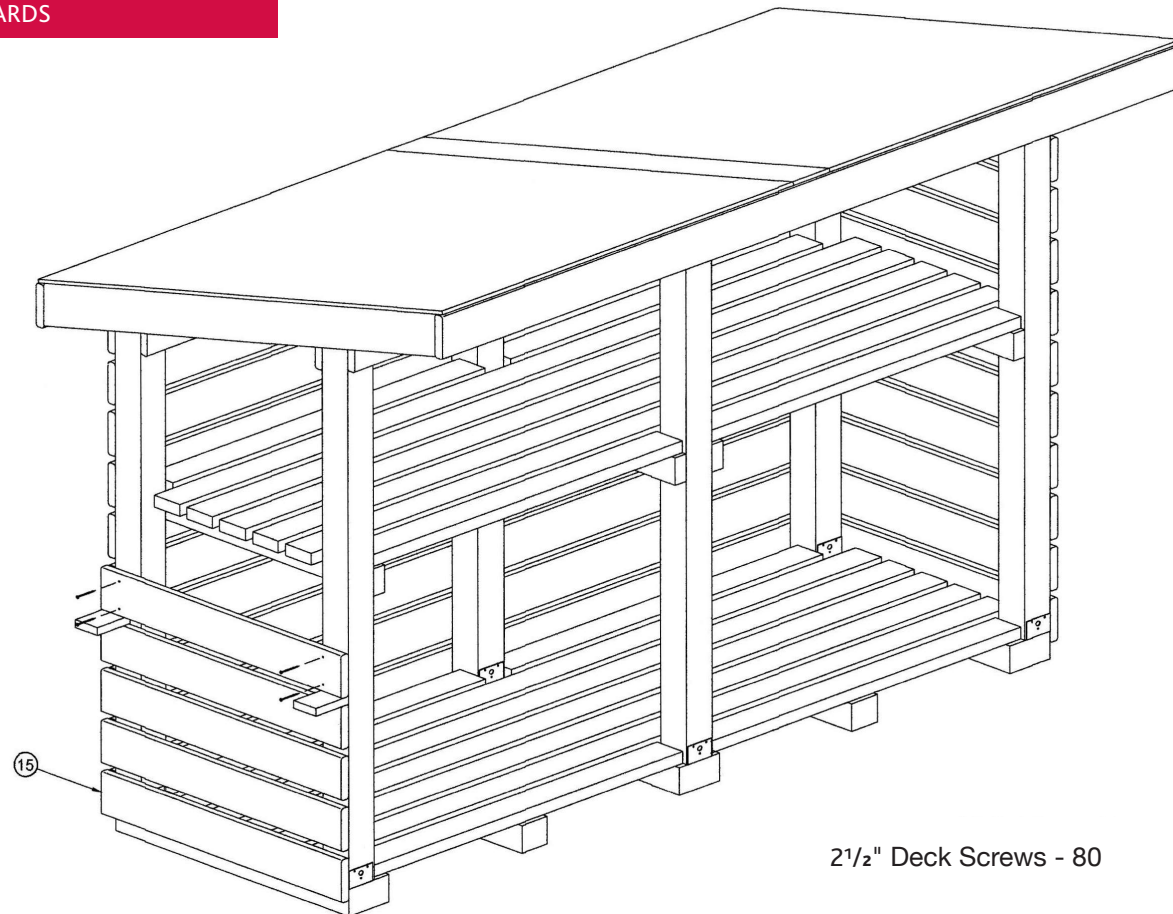
STEP 12. BACK WALL BOARDS



- 12.1 Install the Back Wall Boards beginning at the top of the wall and working down.
- 12.2 Place 1" spacers between the Ledger Board and the Back Wall Board (14) and secure the wall board using 2 1/2" Deck Screws.
- 12.3 Repeat the process working down the wall. Check for level every few boards.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 13. SIDE WALL BOARDS

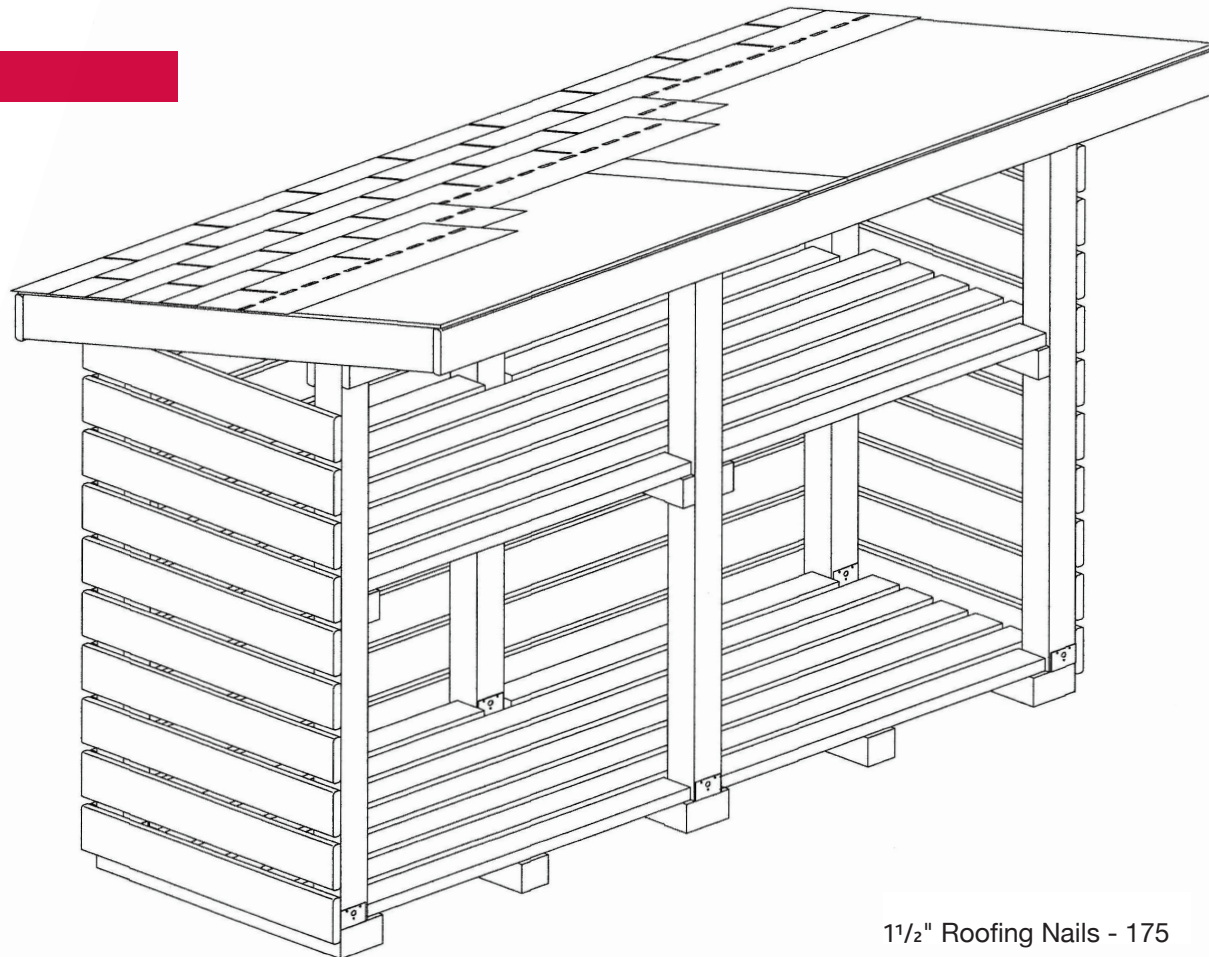


2 1/2" Deck Screws - 80

- 13.1 Install the Side Wall Boards (15) beginning at the bottom of the wall, working up.
- 13.2 Align the first Side Wall Board with the bottom Back Wall Board and secure it using 2 1/2" Deck Screws.
- 13.3 Place 1" spacers on the secured Side Wall Board and place another board on the spacers.
- 13.4 Secure the board with 2 1/2" Deck Screws.
- 13.5 Repeat the process working up the wall.

FIREWOOD SHELTER ASSEMBLY *(continued)*

STEP 14. INSTALL SHINGLES



1½" Roofing Nails - 175

- Shingle the roof using 1 1/2" Roofing Nails to secure the asphalt shingles. Follow the manufacture installation instructions on the shingle packaging.

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