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KEEP THIS MANUAL FOR FUTURE REFERENCE


# . IMPORTANT! © <br> READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY. 

## BEFORE YOU BEGIN

- BUILDING RESTRICTIONS AND APPROVALS

Be sure to check local building department and homeowners association for specific restrictions and/ or requirements before building.

- ENGINEERED DRAWINGS

Contact our Customer Service Team if engineered drawings are needed to pull local permits.

- SURFACE PREPARATION

To ensure proper assembly you must build your shed on a level surface.
Recommended methods and materials to level your shed are listed on page 10.

- CHECK ALL PARTS

Inventory all parts listed on pages 5-8.

- ADDITIONAL MATERIALS

You will need additional materials to complete your shed. See pages 3-4 for required and optional materials and quantities.
***CONTACT OUR CUSTOMER SERVICE TEAM
IF ANY PARTS ARE MISSING OR DAMAGED***

- Order form and warranty at back of manual -

Call: 1-877-743-3400 email: customerservice@backyardproductsllc.com

## Required



- Drill / Driver
- 3/8" Drill Bit
- \#2 Philips Drive Bit
- Hammer

- Pencil

Tape Measure $\qquad$
- Square


Utility Knife
Shingle Blades


Safety Glasses
$\square$ Ladder


## Optional


$\square$ Gloves

$\square$ Sawsall

Safety! Always use approved safety glasses during assembly.

## HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.
= Ensure squareness.
$=$ Important required step or operation.
= Helpful assembly hint.

乹 = Mark part with pencil.


Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.
Always install the material leaving the best edge and best surface visible. Please remember that these blemishes in no way negatively affect the strength or integrity of our product. (See Fig. A, B, C.)


B


C


## ADDITIONAL MATERIALS

## FOUNDATION OR FLOOR MATERIALS

- If you purchased a separate floor kit, use instructions and materials in that kit to construct your floor.
- See the FLOOR LEVELING section on page 10 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.


## REINFORCED WOOD FLOOR FRAME (OPTIONAL)

IMPORTANT! Depending on your specific use you may want to construct a heavy duty floor frame by adding additional floor joists (shown below as shaded). Below is a list of additional materials (not included):

## $10 \times 10 '$

$\square$
x2 $2 \times 4 \times 10$ ( $5,1 \times 10,2 \times 304,8 \mathrm{~cm})$ Treated Lumber cut to $2 \times 4 \times 117$ " $(5,1 \times 10,2 \times 297,2 \mathrm{~cm})$x8 $3^{\prime \prime}(7,6 \mathrm{~cm})$ hot-dipped galvanized nails

## $10 \times 14$

x3 $2 \times 4 \times 10^{\prime}(5,1 \times 10,2 \times 304,8 \mathrm{~cm})$ Treated Lumber cut to $2 \times 4 \times 117$ " $(5,1 \times 10,2 \times 297,2 \mathrm{~cm})$x12 3" (7,6 cm) hot-dipped galvanized nails
## 10×18'

$\square$x4 $2 \times 4 \times 10^{\prime}(5,1 \times 10,2 \times 304,8 \mathrm{~cm})$ Treated Lumber cut to $2 \times 4 \times 117$ " $(5,1 \times 10,2 \times 297,2 \mathrm{~cm})$

$\square$
x16 3" (7,6 cm) hot-dipped galvanized nails

$\xrightarrow{\rightarrow} \left\lvert\, \begin{aligned} & \text { \& Standard } 16^{\prime \prime}(40,5 \mathrm{~cm}) \text { spacing } \\ & \rightarrow\end{aligned}\right.$



## ADDITIONAL MATERIALS

## COMPLETING YOUR SHED

You will need these additional materials:

10x10' 10x14' $10 \times 18$ '
$\square$ 3-TAB SHINGLES (Bundles).........

PAINT FOR SIDING (Gallons).......
Use 100\% acrylic latex exterior paint. (2) coats recommended.

1" galvanized roofing nails (lbs).
For shingles.


Paint for trim/Quart
Use 100\% acrylic latex exterior paint.

Caulk Tubes
Use acrylic paintable latex exterior caulk.


## OPTIONAL MATERIALS

10×10' $10 \times 14$ ' $10 \times 18$ '


REFER TO THE BACK OF THIS MANUAL AND THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SHINGLES, DRIP EDGE AND FELT.

## PARTS IDENTIFICATION AND SIZES

Double letter part identification is stamped on some parts.


WOOD SIZE CONVERSION CHART
Nominal Board Size
$2 \times 4$..............1-1/2" $\times 3-1 / 2^{\prime \prime}(3,8 \times 8,9 \mathrm{~cm})$
$1 \times 4$.................3/4" x 3-1/2" (1,9 x 8,9 cm)
$2 \times 3$..............1-1/2" $\times 2-1 / 2^{\prime \prime}(3,8 \times 6,3 \mathrm{~cm})$
$1 \times 3$. $\ldots . .314^{\prime \prime} \times 2-1 / 22^{\prime \prime}(3,8 \times 6,3 \mathrm{~cm})$


## PANEL \& DOORS PARTS LIST

NOTE: Panel parts are not stamped with part identification.


## ROOF PANELS

Roof panels are $7 / 16^{\prime \prime}(1,1 \mathrm{~cm})$ thick.


(121,9 x 243,8 cm)$\times 2$

23-7/8" x 96"
(60,6 x 243,8 cm $)$
$\square \times 2 \square$
23-7/8" x $24 "$
(60,6 x 61 cm )

x 2
$23-7 / 8^{\prime \prime} \times 48^{\prime \prime}$
(60,6 x 121,9 cm)

## DOOR TRIM

x2 $\qquad$ AH 19/32" x 2-1/2" x 26-5/8" (1,5 x 6,3 x 67,7 cm)
x2 MDR $19 / 32$ " x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101, 3 cm )x2
 $19 / 32^{\prime \prime} \times 2-1 / 2^{\prime \prime} \times 39-7 / 8$ " $(1,5 \times 6,3 \times 101,3 \mathrm{~cm})$x2
00 69" (175,3 cm) Door Stiffenerx1
ZJ
$19 / 32^{\prime \prime} \times 2-1 / 2^{\prime \prime} \times 72^{\prime \prime}(1,5 \times 6,3 \times 182,9 \mathrm{~cm})$

## NAIL BOXES (Shown Actual Size)

$\square \times 4$ BOXES


X5 BOXES

## FASTENER/HARDWARE BAG (Shown Actual Size)

## $\square \times 200 \mathrm{Q} \square(5,1 \mathrm{~cm})$


$\square \times 85$

$\square \times 25$

x2


$\times 12\left(-2004041 / 2^{\prime \prime}(1,3 \mathrm{~cm})\right.$

NOTE:
If you are using a nail gun, nails may be used where screws are shown for quicker assembly.
Length of nail must match screw length.

## Other HARDWARE (Not Actual Size)


x2

$\square$ x8 fromomamorat $3 / 4^{\prime \prime}(1,9 \mathrm{~cm})$
$\square \times 2$


## GAMBREL EXTENDER KIT PARTS LIST <br> Inventory your parts before you begin. We suggest sorting parts by the category they are listed in.

Part identification
is stamped on some parts.


- Check these locations for part stamp.


WOOD SIZE CONVERSION CHART Nominal Board Size Actual Size $2 \times 4 \ldots . . . . . . . . . .1-1 / 2^{\prime \prime} \times 3-1 / 2^{\prime \prime}(3,8 \times 8,9 \mathrm{~cm})$ $1 \times 4 \ldots . . . . . . . . . . . .3 / 4^{\prime \prime} \times 3-1 / 2^{\prime \prime}(1,9 \times 8,9 \mathrm{~cm})$ $2 \times 3 \ldots . . . . . . . . . . .1-1 / 2^{\prime \prime} \times 2-1 / 2^{\prime \prime}(3,8 \times 6,3 \mathrm{~cm})$ $1 \times 3$.................3/4" x 2-1/2" (3,8 x 6,3 cm)



## CONCRETE FOUNDATION

If you choose to install your kit on a concrete slab refer to the diagram below. Attach the sill plates on the foundaton as shown, and continue on to page 14.


| Building Size | Actual Floor Size | A | B | C |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $10^{\prime} \times 10^{\prime}(304,8 \times 304,8 \mathrm{~cm})$ | $10^{\prime} \times 10^{\prime}(304,8 \times 304,8 \mathrm{~cm})$ | $120 "(304,8 \mathrm{~cm})$ | $113^{\prime \prime}(287 \mathrm{~cm})$ | $120 "(304,8 \mathrm{~cm})$ | $169-11 / 16^{\prime \prime}(476,1 \mathrm{~cm})$ |

10' x 10' Building Requires:
$\square \times 22 \times 4 \times 10$ ( $5,1 \times 10,2 \times 304,8 \mathrm{~cm})$ $\square$ x2 $2 \times 4 \times 10^{\prime}(5,1 \times 10,2 \times 287 \mathrm{~cm})$
Cut down to: 113" ( 278 cm )

| Building Size | Actual Floor Size | A | B | C | D |
| :---: | :---: | ---: | ---: | ---: | :---: |
| $10^{\prime} \times 14^{\prime}(304,8 \times 408,9 \mathrm{~cm})$ | $10^{\prime} \times 14^{\prime}(304,8 \times 408,9 \mathrm{~cm})$ | $120 "(304,8 \mathrm{~cm})$ | $161 "(408,9 \mathrm{~cm})$ | $168 "(426,7 \mathrm{~cm})$ | $206-7 / 16 "(524,4 \mathrm{~cm})$ |

10' x 14' Building Requires:
$\square \times 22 \times 4 \times 10^{\prime}(5,1 \times 10,2 \times 304,8 \mathrm{~cm})$ $\square$ x2 $2 \times 4 \times 14$ ( $5,1 \times 10,2 \times 426,7 \mathrm{~cm})$
Cut down to: 161" (408,9 cm)
$\square$ x1 Caulk $\qquad$ $ص$

| Building Size | Actual Floor Size | A | B | C | D |
| :---: | :---: | :---: | ---: | ---: | ---: |
| $10^{\prime} \times 18^{\prime}(304,8 \times 548,6 \mathrm{~cm})$ | $10^{\prime} \times 18^{\prime}(304,8 \times 548,6 \mathrm{~cm})$ | $120 "(304,8 \mathrm{~cm})$ | $209 "(530,9 \mathrm{~cm})$ | $216 "(548,6 \mathrm{~cm})$ | $247-1 / 8{ }^{\prime \prime}(627,7 \mathrm{~cm})$ |

10' x 18' Building Requires:
$\square$ x4 $2 \times 4 \times 10^{\prime}(5,1 \times 10,2 \times 304,8 \mathrm{~cm})$ $\square$ x2 $2 \times 4 \times 8$ ( $5,1 \times 10,2 \times 243,8 \mathrm{~cm})$
Cut down to: 89" (226,1 cm)
$\square$ x3 Caulk $\qquad$ $\rightarrow$
\Allow new concrete slabs to cure for at least seven (7) days.

- A treated $2 \times 4(5,1 \times 10,2 \mathrm{~cm})$ sill plate is required when installing your shed on concrete.

Purchase full length treated lumber, or butt shorter pieces end-to-end and seal seams with caulk.

- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten $2 \times 4(5,1 \times 10,2 \mathrm{~cm})$ sill plates to slab using approved concrete anchors (fasteners not included).
- Check local code for concrete foundation requirements.


## OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

There are multiple ways to level your floor frame. Our recommended leveling method is shown below.
Leveling materials are not included in this kit.

## PREFERRED METHOD - 4x4 TREATED RUNNERS (Typical for 10' x 10' Kit)

Runners are generally 12 " $(30,5 \mathrm{~cm})$ from ends of floor frame and under seams.

Measurements to centers of $4 \times 4$ 's.

- 3" Screws angled into $4 \times 4$.
- (2) at each point frame and $4 \times 4$ touch.



## FLOOR FRAME NOT INCLUDED

MATERIAL REQUIRED:
 Cut down to: (3) 48 " $(121,9 \mathrm{~cm})$
! Use only wood treated for ground contact and fasteners approved for use with treated wood.
\ Always support frame seams.


## LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" from ends of runners and no more than 48" apart.
- Asphalt shingles should be used between $4 \times 4$ runners and blocks or treated lumber. Never use shingles in direct contact with ground.
- For best results and aiding in water drainage use gravel under each concrete block.


## LEVELING MATERIALS



Gravel
$\square$ Solid Masonry Blocks in 1", 2", 4" or 8" thickness
2x4 Treated Lumber
Asphalt Shingles
Leveling higher than 16 " not recommended.

## LEVELING \& SQUARING THE FLOOR FRAME (Not Included)

STOP!
Before attaching floor decking, it is important to level and square the floor frame.
STOP! A level and square floor frame is required to correctly construct your shed.

See page 10 for the preferred floor leveling method.
$\sqrt{\text { BEGIN }}$
Use a level and ensure the frame is level before applying floor panels.
1 Check for frame squareness by measuring diagonally across the corners (diagonal measurement D). If the measurements are the same, the frame is square. Use the chart below to determine measurement $D$.

| SHED SIZE | D |
| :---: | :---: |
| $10^{\prime} \times 10^{\prime}$ | $169-11 / 16^{\prime \prime}$ <br> $(476,1 \mathrm{~cm})$ |
| $10^{\prime} \times 14^{\prime}$ | $206-7 / 16^{\prime \prime}$ <br> $(524,4 \mathrm{~cm})$ |
| $10^{\prime} \times 18^{\prime}$ | $247-1 / 88^{\prime \prime}$ <br> $(627,7 \mathrm{~cm})$ |


$4 \times 4$ runners are generally installed 12 " $(30,5 \mathrm{~cm})$ from ends of floor frame and under any seams.

2 After the frame is level and square, secure one side of frame to $4 \times 4$ runners using one fastener at ends of each runner.

At the opposite end of the frame, secure the frame to $4 \times 4$ runners with one fastener at the ends of each runner, ensuring that the frame remains square.

Fasten the frame to the $4 \times 4$ runners with (2) 3 " screws at each connection (Fig. A).

Your floor frame is now level.

## (1. IMPORTANT!

NOTE: 10' x 10' Gambrel shown standard throughout manual
STOP! Ensure the floor frame is level after installing floor panels. Re-level if needed.


## ? <br> - The floor should used as a stable work surface for wall construction. HINT: to avoid over-handling of the walls.


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## WALL CONFIGURATION GUIDE

Create your own style of shed. Choose your door location.
Compare this guide with the wall index to find the corresponding pages.


## WALL INDEX

As another option, eave walls with doors can be reversed during assembly.

## $10^{\prime} \times 10^{\prime}$ After assembling the walls for your $10^{\prime} \times 10^{\prime}$ shed, go to page 45 for wall installation.


$10 ' \times 10$ '
Door is on the $10^{\prime}$ gable wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 04: Page 24
(Build 2 walls 04)

$10^{\prime} \times 10^{\prime} \mathrm{V}-1$
Door is on the 10' eave wall,
offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 04: Page 24
Wall 05: Page 26
$10^{\prime} \times 14^{\prime} \quad$ After assembling the walls for your $10^{\prime} \times 14^{\prime}$ shed, go to page 50 for wall installation.


10' x 14'
Door is on the 10 wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 06: Page 28
(build 2 walls 06)


10' x 14' V-1
Door is on the 14' wall, offset left.
Wall 02: Page 20
Wall 03: Page 22
Wall 06: Page 28
Wall 07: Page 30


10' x 14' V-2
Door is on the 14' wall, offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 06: Page 28
Wall 08: Page 32


10' x 14' V-3
Door is on the 14' wall, extra-offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 06: Page 28
Wall 09: Page 34
$10^{\prime} \times 18^{\prime}$ After assembling the walls for your $10^{\prime} \times 18^{\prime}$ shed, go to page 56 for wall installation.

$10^{\prime} \times 18^{\prime}$
Door is on the 10' wall.
Wall 01: Page 18
Wall 02: Page 20
Wall 10: Page 36
(build 2 walls 10)

$10^{\prime} \times 18^{\prime}$ V-1
Door is on the 18' wall, semi-centered.
Wall 02: Page 20
Wall 03: Page 22
Wall 10: Page 36
Wall 11: Page 38


10' x 18' V-2
Door is on the 18' wall, offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 10: Page 36
Wall 12: Page 40

$10^{\prime} \times 18^{\prime} \mathrm{V}-3$
Door is on the 18' wall, extra-offset right.
Wall 02: Page 20
Wall 03: Page 22
Wall 10: Page 36
Wall 13: Page 42

## DOOR HEADER

PARTS REQUIRED:
x18
$\xrightarrow{3 \text { " }(7,6 \mathrm{~cm})}$


## $\sqrt{\text { BEGIN }}$

1 Place (1) AM and OSB end-to-end on flat surface, flush in middle.
Center OSB on top of AM.
Fasten together with 3 " nails in the pattern shown.

2 Flip header assembly over and nail as shown on the other side.


FINISH
Your door header is now assembled.

## WALL PANEL INSTALLATION HINTS \& EXAMPLES

## PARTS REQUIRED:



## Ensure your wall is square by installing one panel and squaring frame.

Install all wall panels with the primed side facing up.

2 Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you have a $3 / 4$ " measurement on the wall stud. Secure corner with (2) 2" nails (Fig. B).
Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.

## Note the panel lip-edge/square edge orientation.




## 10' WALL - 01

PARTS REQUIRED: $x 5 \xrightarrow{\text { AL }}$

$$
2 \times 4 \times 7 \text { " }(5,1 \times 10,2 \times 17,8 \mathrm{~cm})
$$

x2 SL $2 \times 4 \times 36$ " $(5,1 \times 10,2 \times 91,4 \mathrm{~cm})$

## x72

x6

x2 UM $\qquad$ $2 \times 4 \times 68^{\prime \prime}(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$
x6 AI

$2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
x2 TO
Pre Assembled Header
x1
$2 \times 4 \times 84^{\prime \prime}(5,1 \times 10,2 \times 213,4 \mathrm{~cm})$
$\square$

$\checkmark$ BEGIN
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient Pre Assembled Header as shown (Fig. A).
Secure with (2) 3 " nails at each connection and (4) 3 " nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) $3^{\prime \prime}$ screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seam.



3 Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 Install the right panel flush to installed panel, as shown.
Ensure 64" (162,8 cm) door measurement.
Use part OO as a temporary brace. Secure with with (2) 3 " screws.

Secure panels with 2" nails spaced 6" apart on edges.


5
Install (2) 11-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate.

Secure panels with 2" nails spaced 6" apart on edges.

Note the panel lip-edge/square edge orientation.

FINISH
Your 10' WALL 01 is now assembled.


Carefully flip the wall over.

PARTS REQUIRED:
x2 $\frac{\mathbf{R L}}{2 \times 4 \times 24^{\prime \prime}(5,1 \times 10,2 \times 61 \mathrm{~cm})}$
$\mathrm{x} 6 \underset{2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})}{\square}$
x2 $\frac{\text { TP }}{2 \times 4 \times 96 "(5,1 \times 10,2 \times 243,8 \mathrm{~cm})}$
x28


## $\sqrt{\text { begin }}$

1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Secure with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seams.


## 10' WALL 02

## PARTS REQUIRED:

x1 $\square$
$23-7 / 8^{\prime \prime} \times 84$ " $\quad$ X2
(60,6 x 213,4 cm )



## 3

Install the 48" x 84" and (2) 23-7/8" x 84" panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.

## Note the panel

 lip-edge/square edge orientation.

Your 10' WALL 02 is now assembled.
Carefully flip the wall over.

## 10' WALL 03

## PARTS REQUIRED:

x2 SL
$2 \times 4 \times 36$ " $(5,1 \times 10,2 \times 91,4 \mathrm{~cm})$
x32

x7 $\frac{\mathrm{Al}}{2 \times 4}$
$2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
x2 $\frac{\text { TO }}{2 \times 4 \times 84 "(5,1 \times 10,2 \times 213,4 \mathrm{~cm})}$

$\sqrt{\text { BEGIN }}$
1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Secure with (2) 3 " nails at each connection and (4) 3 " nails at seams.


## 10' WALL 03

## PARTS REQUIRED:



## 2

Install 48" x 84" panel 1-1/2" from the top plate.

Use a $2 x 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12 " inside panel.

## Note the panel

 lip-edge/square edge orientation.
## 3

Install the 48" x 84" and (2) 11-718" x 84" panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6 " apart on edges and 12" apart inside panel.

## Note the panel

 lip-edge/square edge orientation.Your 10' WALL 03 is now assembled.

Carefully flip the wall over.


PARTS REQUIRED:


## x20



## Build two identical walls if your 10'x10' shed has the door on the gable side.

## $\sqrt{B E G I N}$

1 Orient parts on edge on floor. Measure and mark from end of boards.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.


PARTS REQUIRED:


2
Install 48" x 84" panel $1-1 / 2^{\prime \prime}$ from the top plate.

Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12 "inside panel.

## Note the panel

 lip-edge/square edge orientation.

## 3

Install next 48" x 84" and (1) 23-7/8" panel flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6 " apart on edges and 12 " apart inside panel.

Note the panel lip-edge/square edge orientation.

Your 10' WALL 04 is now assembled.


Carefully flip the wall over.

## 10' WALL 05

PARTS REQUIRED: $\quad x 5 \frac{\mathrm{AL}}{2 \times 4 \times 7{ }^{n}(5,1 \times 10,2 \times 17,8 \mathrm{~cm})} \quad \mathrm{x} 60$

| x2 STL |
| :--- |
| x2 UM |
| 1 |

x6
$2 \times 4 \times 68^{\prime \prime}(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$
x2 YFA $2 \times 4 \times 68-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 174 \mathrm{~cm})$
x3 AI

$2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
Pre Assembled Header
x1
BEGIN
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient Pre Assembled Header as shown (Fig. A).
Secure with (2) 3 " nails at each connection and (4) 3" nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) 3" screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seam.


## 10' WALL 05

## PARTS REQUIRED:

x1

 0

## 3

Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges.

4
Install the right panel flush to installed panel, as shown.
Ensure 64" (162,8 cm) door measurement. Use part OO as a temporary brace. Secure with with (2) 3" screws.

Secure panel with 2" nails spaced 6" apart on edges.


## 5

Install 23-7I8" x 84" panel flush to installed panel and 1-1/2" from the top plate.

Secure panel with 2" nails spaced 6" apart on edges.

Note the panel lip-edge/square edge orientation.

Your 10' WALL 05 is now assembled.


Carefully flip the wall over.

PARTS REQUIRED:

x2 STL $2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x2 SP $2 \times 4 \times 48$ " $(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$
x6 AI
AI $2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
x2 YFA

## Build two identical walls if your 10'x14' shed has the door on the gable side.

## $\sqrt{\text { BEGIN }}$

1 Orient parts on edge on floor. Measure and mark from end of boards. Secure with (2) 3 " nails at each connection and (4) $3^{\prime \prime}$ nails at seams.


## 14' WALL 06

PARTS REQUIRED:


2
Install (1) 48" x 84" panel 1-1/2" from the top plate.

Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12 " inside panel.

## Note the panel

 lip-edge/square edge orientation.

## 3

Install (2) 48" x 84" and 23-718" x 84" panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.

Note the panel lip-edge/square edge orientation.


FINISH
Your 14' WALL 06 is now assembled.

Carefully flip the wall over.

## 14' WALL 07

## PARTS REQUIRED:

x2 STL
$2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x2 SP
$2 \times 4 \times 48$ " $(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$

## x72


x6

x2 UM $2 \times 4 \times 68^{\prime \prime}(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$
x2 YFA
$2 \times 4 \times 68-1 / 2$ " $(5,1 \times 10,2 \times 174 \mathrm{~cm})$

## x5 AI

Pre Assembled Header
x1
$\sqrt{\text { begin }}$
1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Orient Pre Assembled Header as shown (Fig. A).
Secure with (2) $3^{\prime \prime}$ nails at each connection and (4) 3 " nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) 3" screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) $3^{\prime \prime}$ nails at each connection and (4) 3 " nails at seam.


## 14' WALL 07

## PARTS REQUIRED:

x1

## 3


x1

$48 \times 84$ " $(121,9 \times 213,4 \mathrm{~cm})$


Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges.

4
Install the right panel flush to installed panel, as shown.
Ensure 64" (162,8 cm) door measurement. Use part OO as a temporary brace. Secure with with (2) 3" screws.


Secure panel with 2" nails spaced 6" apart on edges.

## 5

Install 48" x 84" and 23-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate.

Secure panels with 2" nails spaced 6" apart on edges and 12" inside panel..

Note the panel lip-edge/square edge orientation.


Your 14' WALL 07 is now assembled.
Carefully flip the wall over.

## 14' WALL 08

## PARTS REQUIRED:

x2 STL
x2 SP
$2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x2 UM
$2 \times 4 \times 48$ " $(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$ $2 \times 4 \times 68$ " $(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$

## x72

x6

x2 YFA

## x5 AI

$\qquad$ $2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
x1
Pre Assembled Header
-
x5 AL
$2 \times 4 \times 7$ " $(5,1 \times 10,2 \times 17,8 \mathrm{~cm})$


BEGIN
1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Orient Pre Assembled Header as shown (Fig. A).
Secure with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) $3^{\prime \prime}$ screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seam.


## 14' WALL 08

PARTS REQUIRED:
x1

$48 \times 84$ " $(121,9 \times 213,4 \mathrm{~cm})$


3
Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges.

## 4

Install the right panel flush to installed panel, as shown.
Ensure 64" (162,8 cm) door measurement. Use part $\mathbf{O O}$ as a temporary brace. Secure with with (2) 3" screws.

Secure panel with 2" nails spaced 6 " apart on edges.

## 5

Install 48" x 84" and 23-7/8" x 84" and panels flush to installed panels and 1-1/2" from the top plate.

Secure panels with 2" nails spaced 6 " apart on edges and 12 inside panel.

## Note the panel lip-edge/square edge orientation.

Your 14' WALL 08 is now assembled.
Carefully flip the wall over.

## 14' WALL 09

## PARTS REQUIRED:

x2 STL $2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x2 SP $2 \times 4 \times 48^{\prime \prime}(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$

x2 UM $2 \times 4 \times 68^{\prime \prime}(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$
$\times 2$ YFA
$2 \times 4 \times 68-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 174 \mathrm{~cm})$
47

## $\times 5$ AI

Pre Assembled Header
X1

_ $2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
x5 AL $2 \times 4 \times 7$ " $(5,1 \times 10,2 \times 17,8 \mathrm{~cm})$
$\sqrt{\text { BEGIN }}$
1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Orient Pre Assembled Header on flat side (Fig. A).
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) 3" screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seam.


## 14' WALL 09

PARTS REQUIRED:


## 3

Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges.

## 4

Install the right panel flush to installed panel, as shown.
Ensure 64" (162,8 cm) door measurement. Use part OO as a temporary brace.
Secure with with (2)
 3" screws.

Secure panel with 2" nails spaced 6" apart on edges.

5
Install 48" x 84" and 23-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate.

Secure panels with 2" nails spaced 6" apart on edges and 12 " inside panel.

Note the panel lip-edge/square edge orientation.


FINISH
Your 14' WALL 09 is now assembled.
Carefully flip the wall over.

## 18' WALL 10

PARTS REQUIRED:
x2 STL
$2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x 4 SP
$2 \times 4 \times 48$ " $(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$
x2 YFA
x8 AI

## Build two identical walls if your 10'x18' shed has the door on the gable side.

## $\sqrt{B E G I N}$

1 Orient parts on edge on floor. Measure and mark from end of boards.


Secure with (2) 3 " nails at each connection and (4) $3^{\prime \prime}$ nails at seams.


## PARTS REQUIRED:

## $\times 4 \underbrace{\square}_{48 \times 84^{\prime \prime}(121,9 \times 213,4 \mathrm{~cm})}$



## 2

Install (1) 48" x 84" panel 1-1/2" from the top plate.

Use a $2 \times 3$ spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12 " inside panel.

## Note the panel

 lip-edge/square edge orientation.

## 3

Install (3) 48" x 84" and 23-7/8" x 84" panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.

Note the panel lip-edge/square edge orientation.


FINISH
Your 18' WALL 10 is now assembled.
Carefully flip the wall over.

## 18' WALL 11

## PARTS REQUIRED:

x2 STL $2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x3 SP $2 \times 4 \times 48^{\prime \prime}(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$

## x66


x6

x2 UM $2 \times 4 \times 68^{\prime \prime}(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$
x2 YFA $2 \times 4 \times 68-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 174 \mathrm{~cm})$
x7 Al $2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
Pre Assembled Header
x1
$\sqrt{\text { begin }}$
1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Orient Pre Assembled Header as shown (Fig. A).
Secure with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) $3^{\prime \prime}$ screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) 3 " nails at each connection and (4) 3" nails at seams.


## 18' WALL 11

## PARTS REQUIRED:

## x2 <br>  <br> x1 <br>  <br> $48 \times 84$ " $(121,9 \times 213,4 \mathrm{~cm})$



3 Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

4 Install the right panel flush to installed panel, as shown. Ensure 64" (162,8 cm) door measurement. Use part OO as a temporary brace. Secure OO with with (2) 3" screws. Secure panel with 2" nails spaced 6 " apart on edges.


5 Install 48" x 84" and 23-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate. Secure panels with 2 " nails spaced 6 " apart on edges and 12 " inside panel.
Note the panel lip-edge/square edge orientation.


Your 18' WALL 11 is now assembled. Carefully flip the wall over.

## 18' WALL 12

## PARTS REQUIRED:

x2 STL
$2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x 4 SP $2 \times 4 \times 48^{\prime \prime}(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$

## x2 UM

## x68

x6

x2 YFA $2 \times 4 \times 68$ " $(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$

## x7 AI

Pre Assembled Header
x1
$\sqrt{\text { begin }}$
1 Orient parts on edge on floor as shown. Measure and mark from end of boards. Orient Pre Assembled Header as shown (Fig. A).
Secure with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seams.
2 Fasten (3) middle parts AL to Pre Assembled Header with (2) 3" screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) $3^{\prime \prime}$ nails at each connection and (4) 3 " nails at seams.


## 18' WALL 12

## PARTS REQUIRED:

## x2 <br>  <br>  <br> x1 <br> $48 \times 84$ " $(121,9 \times 213,4 \mathrm{~cm})$



3 Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement. Secure panel with 2 " nails spaced 6 " apart on edges.

4 Install the right panel flush to installed panel, as shown. Ensure 64" (162,8 cm) door measurement. Use part $\mathbf{O O}$ as a temporary brace. Secure $\mathbf{O O}$ with with (2) 3 " screws. Secure panel with 2" nails spaced 6" apart on edges.


5 Install 48" x 84" and 23-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate. Secure panels with 2 " nails spaced 6 " apart on edges and 12 " inside panel.
Note the panel lip-edge/square edge orientation.


## 18' WALL 13

## PARTS REQUIRED:

x2 STL $2 \times 4 \times 44-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 113 \mathrm{~cm})$
x4 SP $2 \times 4 \times 48^{\prime \prime}(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$

x6

x2 UM $2 \times 4 \times 68^{\prime \prime}(5,1 \times 10,2 \times 172,7 \mathrm{~cm})$

X2 YFA $2 \times 4 \times 68-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 174 \mathrm{~cm})$

## $x 7$ AI

$2 \times 4 \times 78-1 / 2^{\prime \prime}(5,1 \times 10,2 \times 199,4 \mathrm{~cm})$
Pre Assembled Header
$x 5$ AL
$2 \times 4 \times 7$ " $(5,1 \times 10,2 \times 17,8 \mathrm{~cm})$


BEGIN
1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient Pre Assembled Header on flat side (Fig. A).
Secure with (2) $3^{\prime \prime}$ nails at each connection and (4) $3^{\prime \prime}$ nails at seams.

2 Fasten (3) middle parts AL to Pre Assembled Header with (2) 3" screws (Fig. B).
Fasten (2) end AL to studs AI with (4) $3^{\prime \prime}$ nails at each side.
Secure parts AL to top plates with (2) 3" nails at each connection and (4) $3^{\prime \prime}$ nails at seams.


## 18' WALL 13

PARTS REQUIRED:


3 Install the left panel 1-1/2" from the top plate. Use a $2 \times 3$ spacer for consistent measurement. Secure panel with 2 " nails spaced 6 " apart on edges.

4 Install the right panel flush to installed panel, as shown. Ensure 64" (162,8 cm) door measurement. Use part OO as a temporary brace. Secure OO with with (2) 3 " screws.
Secure panel with 2" nails spaced 6" apart on edges.


5 Install 48" x 84" and 23-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate. Secure panels with 2 " nails spaced 6 " apart on edges and 12 " inside panel.
Note the panel lip-edge/square edge orientation.


FINISH
Your 18 ' WALL 13 is now assembled. Carefully flip the wall over.

## STANDING YOUR WALLS

The following steps show how to stand and secure your walls for a 10 x 10 ' shed.

These instructions are by default with the door on the 10' gable wall.

OPTIONAL: DOOR LOCATED ON 10' EAVE WALL


For a $10^{\prime} \times 14^{\prime}$ shed, start on page 50.


For a 10 ' x 18' shed, start on page 56.


PARTS REQUIRED:


$\sqrt{\text { BEGIN }}$
1 Center $10^{\prime}$ wall on the 120 " $(304,8 \mathrm{~cm})$ floor dimension. $1-1 / 2^{\prime \prime}(3,8 \mathrm{~cm})$ overlap is to the top.
Use $\mathbf{O O}$ as a temporary brace.
Secure with (2) 3" screws.


2 Secure lower edge of panel to floor frame with 2" nails spaced 6" apart. Angle nails into floor frame (Fig. A).

Secure wall bottom plates to floor with 3 " nails (Fig. A).

Your 1st 10' gable wall is now standing.
Fig. A


## 10' EAVE WALL INSTALLATION

## PARTS REQUIRED

## x1

 x23

$3^{3}(7,6 \mathrm{~cm})$
 x2 $2^{\prime \prime}(5,1 \mathrm{~cm})$


## $\sqrt{\text { BEGIN }}$

1 Place 10' eave wall centered on floor.
$1-1 / 2^{\prime \prime}(3,8 \mathrm{~cm})$ overlap is to the top.
Secure wall with (1) 2" screw into 10' wall bottom plate (Fig. A) and top plate (Fig. B).

Secure wall to bottom plate first.
$\triangle$ ENSURE PANEL CORNERS ARE FLUSH.


OPTIONAL:
DOOR LOCATED
ON 12' EAVE WALL
Fig. B

2" (5,1 cm) Screw


Fig. A


2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame (Fig. C).

Nail panel to 10 ' wall stud with 1-1/2" nails spaced 6" apart.

3 Secure wall top plate with (1) 3" screw angled at the corner at an angle as shown (Fig. D).

FINISH
Your 1st 10' eave wall is now installed.

## 10' EAVE WALL INSTALLATION



## $\sqrt{\text { begin }}$

1 Remove temporary brace $\mathbf{O O}$ from installed 10' gable wall.
Place 2nd 10' eave wall centered on floor $1-1 / 2$ " ( $3,8 \mathrm{~cm}$ ) overlap is to the top.

## ENSURE PANEL CORNERS ARE FLUSH.

2 Secure wall with (1) 2 " screw through gable wall panel into 10 ' wall bottom and top plates (Fig. B, Fig. A). Secure wall to bottom plate first.

3 Nail lower edge of wall panels to floor frame with 2 " nails spaced 6" apart.
Angle nails into floor frame (Fig. C).

Secure wall bottom plates to floor with 3" nails (Fig. C).


4 Nail 10' eave wall panel to 10' gable wall stud with 1-1/2" nails spaced 6" apart.

5 Secure wall top plate with (1) 3" screw at the corner at an angle as shown (Fig. D).

Your 2nd 10' eave wall is now installed.


## 10' GABLE WALL INSTALLATION

PARTS REQUIRED

## x2


x8


## $\sqrt{B E G I N}$

1 Place 10'gab;le wall on floor centered between installed' walls.

Secure wall with 2" screws into top and bottom plates (Fig. A, Fig. B).

## Secure wall to bottom plate first.

## \ ensure panel corners are flush. ©


$\because 0$ 2" (5,1 cm)


2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame (Fig. C).
Nail panels to eave wall studs with 1-1/2" nails spaced 6" apart.

3 Secure wall top plates with 3 " screws at each corner at an angle (Fig. D).

Fig.


## 10' x 10' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:


```
x2 TJ
x2 TP
```



## BEGIN

1 Orient parts on top of wall frames. Measure and mark from end of boards.
2 Secure from top with (2) 3" nails spaced every 24" (Fig. A).
3 Secure from bottom with (4) 3" screws at each corner (Fig. B).


Your wall doublers are now installed.

## 14' GABLE WALL INSTALLATION

PARTS REQUIRED:

x10

x2

$\times 23$


## $\sqrt{\text { begin }}$

1
Center 10' wall on the 120 " ( $304,8 \mathrm{~cm}$ ) floor dimension. $1-1 / 2^{\prime \prime}(3,8 \mathrm{~cm})$ overlap is to the top.

Use $\mathbf{O O}$ as a temporary brace. Secure with (2) 3" screws.


## 2

Secure lower edge of panel to floor frame with 2" nails spaced 6" apart.
Angle nails into floor frame (Fig. A).
Secure wall bottom plates to floor with 3 " nails (Fig. A).

Your 10' gable wall is now standing.
Fig. A


PARTS REQUIRED
x3
-


Place 1st 14' eave wall centered on floor.
The 1-1/2" ( $3,8 \mathrm{~cm}$ ) overlap is to the top. Use $\mathbf{T J}$ as a temporary brace as shown. Secure TJ with (2) 3" screws.

Secure wall with (1) 2 " screw into 10 ' wall bottom plate (Fig. A) and top plate (Fig. B).

## Secure wall to bottom plate first.

$\triangle$ ENSURE PANEL CORNERS ARE FLUSH.


DOOR LOCATED


## 2

Nail lower edge of panels to floor with 2" nails spaced 6 " apart. Angle nails into floor frame (Fig. C).

Nail panel to 10 ' wall stud with 1-1/2" nails spaced 6 " apart.

## 3

Secure wall top plate with (1) 3" screw at the corner at an angle as shown
(Fig. D).

FINISH
Your 1st 14' eave wall is now installed.

PARTS REQUIRED: x2
 x2 $12(5,1 \mathrm{~cm})$
x1 TJ Temporary Brace
$2 \times 4 \times 92-5 / 8 "(5,1 \times 10,2 \times 235 \mathrm{~cm})$
$\sqrt{\text { BEGIN }}$
1
Remove temporary brace $\mathbf{O O}$ from installed 10' wall.

Place 2nd 14' wall centered on floor. $1-1 / 2^{\prime \prime}(3,8 \mathrm{~cm})$ overlap is to the top.

Use TJ as a temporary brace as shown.
Secure TJ with (2) 3" screws.

## 2

Secure wall with (1) 2" screw through gable wall panel into 10' wall bottom and top plates (Fig. A, Fig. B).

## Secure wall to bottom plate first.

## \. Ensure panel corners are flush.




3
Nail lower edge of wall panels to floor frame with 2" nails spaced 6" apart.
Angle nails into floor frame (Fig. C).
Secure wall bottom plates to floor with 3" nails (Fig. C).


## 4

Nail 12 ' wall panel to $10^{\prime}$ wall stud with 1-1/2" nails spaced 6" apart.

## 5

Secure gable wall top plate with (1) 3" screw at the corner at an angle as shown (Fig. D).

Your 2nd 14' wall is now installed.


## 10＇GABLE WALL INSTALLATION

PARTS REQUIRED

## x2

 x8


## $\sqrt{\text { begin }}$

1 Place 10＇gable wall on floor centered between installed walls．

Secure wall with 2＂screws into top and bottom plates （Fig．A，Fig．B）．

## Secure wall to bottom plate first．

〔 Ensure panel corners are flush．©


## 市市

 2＂$(5,1 \mathrm{c}$plates

## 10' x 14' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:
x2 $\underset{2 \times 4 \times 48^{\prime \prime}(5,1 \times 10,2 \times 121,9 \mathrm{~cm})}{\mathbf{S P}}$ x2 $\underset{2 \times 4 \times 20-3 / 8^{\prime \prime}(5,1 \times 10,2 \times 51,8 \mathrm{~cm})}{\square}$

| x2 $\frac{\text { TJ }}{2 \times 4 \times 92-5 / 88^{\prime \prime}(5,1 \times 10,2 \times 235 \mathrm{~cm})}$ |  |
| :---: | :---: |
|  |  |
| x 2 TP | x2 RL |
| $2 \times 4 \times 96^{\prime \prime}(5,1 \times 10,2 \times 243,8 \mathrm{~cm})$ | $2 \times 4 \times$ |



BEGIN
1 Orient parts on top of wall frames. Measure and mark from end of boards.
2 Secure from top with (2) 3" nails spaced every 24" (Fig. A).
3 Secure from bottom with (4) 3" screws at each corner (Fig. B).


FINISH
Your wall doublers are now installed.

CONTINUE TO PAGE 61 TO CONTINUE BUILDING YOUR SHED.


PARTS REQUIRED:

x10

x2

x23


Use $\mathbf{O O}$ as a temporary brace. Secure with (2) 3" screws.

## 2

Secure lower edge of panel to floor frame with 2" nails spaced 6" apart. Angle nails into floor frame (Fig. A).

Secure wall bottom plates to floor with 3 " nails (Fig. A).


Center 10 ' wall on the 120 " ( $304,8 \mathrm{~cm}$ ) floor dimension. $1-1 / 2^{\prime \prime}(3,8 \mathrm{~cm})$ overlap is to the top.

## 18' EAVE WALL INSTALLATION

PARTS REQUIRED

## x3

Temporary Brace
x1
TJ
$2 \times 4 \times 92-5 / 8^{\prime \prime}(5,1 \times 10,2 \times 235 \mathrm{~cm})$
$\times 41$


Place 1st 18' eave wall centered on floor.
The 1-1/2" (3,8 cm) overlap is to the top. Use TJ as a temporary brace as shown. Secure TJ with (2) 3" screws.

Secure wall with (1) 2 " screw into 10 ' wall bottom plate (Fig. A) and top plate (Fig. B).

## Secure wall to bottom plate first.



ENSURE PANEL CORNERS ARE FLUSH.


DOOR LOCATED


## 2

Nail lower edge of panels to floor with 2" nails spaced 6" apart. Angle nails into floor frame (Fig. C).

Nail panel to 10' wall stud with 1-1/2" nails spaced 6 " apart.

## 3

Secure wall top plate with (1) 3 " screw at the corner at an angle as shown
(Fig. D).

Fig. $C$
Nail 2" nails first. 2" ( $5,1 \mathrm{~cm}$ ) Nails


Your 1st 18' eave wall is now installed.


Your 2nd 18' wall is now installed.

## 10' GABLE WALL INSTALLATION



1 Place 10' gable wall on floor centered帆 between installed walls.

Secure wall with 2" screws into top and bottom plates (Fig. A, Fig. B).

Secure wall to bottom plate first.
\ ENSURE PANEL CORNERS ARE FLUSH. ©


2 Nail lower edge of panels to floor with 2" nails spaced 6 " apart. Angle nails into floor frame (Fig. C).

Nail panels to 10 ' wall studs with $1-1 / 2^{\prime \prime}$ nails spaced 6 " apart.

3 Secure wall top plates with 3" screws at each corner at an angle (Fig. D).

FINISH
Your walls are now installed.


## 10' x 18' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:


BEGIN
1 Orient parts on top of wall frames. Measure and mark from end of boards.
2 Secure from top with (2) 3" nails spaced every 24" (Fig. A).
3 Secure from bottom with (2) 3" screws at each corner (Fig. B).


FINISH
Your wall doublers are now installed. BUILDING YOUR SHED.


| $10 \times 10^{\prime}$ | 10x14' | 10x18' | RAFTERS |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | PARTS REQUIRED: | x2 <br>  3" (7,6 cm) <br> x1 $\frac{\text { RL }}{2 \times 4 \times 24^{\prime \prime}(5,1 \times 10,2 \times 61 \mathrm{~cm})}$ Temporary Support |
| x10 | x14 | x18 |  |  |
| x12 | x16 | x20 |  |  |
| $\times 120$ | x168 | $\times 216$ |  |  |

Build (2) rafter assemblies with(1) gusset (Fig. B).

## $\sqrt{\text { BEGIN }}$

1 Measure 120-11/16 (306,5 cm) from the corner and install RL with (2) $3^{\prime \prime}$ screws. Place two rafter-halves on floor and flush in the corners of wall and RL.

険
Use floor and walls to help assemble rafters!

Flush rafters at peak. Secure gusset to rafters with 2" nails following the pattern shown (FIg. A).


Depending on your shed size, build 4, 6 or 8 rafter assemblies with (2) gussets (Fig. C).
2 Place two rafter-halves on floor and flush in the corners of wall and RL, as shown in STEP - 1. Flush rafters at peak. Secure gusset to rafters with 2" nails following the pattern shown (FIg. A).

3 Flip over rafter assembly and fasten second gusset to other side with 2" nails (FIg. C).

Fig. B - Build 2


Fig. C - Build 4, 6 or 8



## $\sqrt{\text { BEGIN }}$

1 Align rafters over the wall studs.
Check that you have the measurements shown.

## 0

Secure rafters with (2) 3 " screws angled at each end (Fig. A, Fig. B).
Secure rafters on opposite side.


Maintain the measurements between rafters.

10 x 10'


Maintain the measurements between rafters.

PARTS REQUIRED:

## BEGIN

1 Align rafters over the wall studs.
Check that you have the measurements shown.
Secure rafters with (2) 3" screws angled at each end (Fig. A, Fig. B).
Secure rafters on opposite side.

## M Maintain the measurements between rafters.

```
10' x 18'
```



FINISH
Your rafters are now installed.

## GABLE HAY LOFT TRIM

## PARTS REQUIRED:

```
x2 
    19/32" x 2-1/2" x 12-7/8" (1,6 x 7,6 x 32,7 cm)
x4 KX
    19/32" x 2-1/2" X 21-3/4" (1,6 x 7,6 x 55,2 cm)
x1 LKA
    19/32" x 2-1/2" x 25-3/4" (1,6 x 7,6 x 65,4 cm)
```


x14

 $3 / 4^{\prime \prime}(1,9 \mathrm{~cm})$
x2 QL Temporary Support $2 \times 4 \times 39$ " (5,1×10,2 x 99,1 cm)

1 Set gable center panel on top of (2) QL, as shown.

Measure and mark the 12 " $(30, \mathrm{~cm})$ center of the gable panel and $7-1 / 2^{\prime \prime}(19,1 \mathrm{~cm})$ from bottom of panel.

2 Arrange trim parts as shown, with all connections flush.

Secure with 2" finishing nails,
(2) in each part.

You are finished with the temporary supports. Set them aside.


3 Turn the panel (with trim attached) over.
Secure each part with $3 / 4$ " screws between nails, as shown.

Snip off the protruding nails.


## PARTS REQUIRED:


x1

x24


## $x 4$ QL

$2 \times 4 \times 39$ " $(5,1 \times 10,2 \times 99,1 \mathrm{~cm})$


## Install gable panels with the primed side facing up.

## BEGIN

1 Orient parts QL on the flat side, as shown.
Measure and mark the center of the middle gable panel. Secure with 1-1/2" nails spaced 6 " apart along edge.
2 Place end panels on QL flush to installed panel and secure with 1-1/2" nails spaced 6 " apart along edge.
Repeat STEP 2 for right panel.
Repeat STEPS 1-3 for opposite side gable panels.


## GABLE INSTALLATION

## PARTS REQUIRED:



Pre - assembled


## BEGIN

1 Measure 2-9/16" down from top plate doubler and mark at each side as shown. Set gable unit on top plate. Fasten with (1) 2" nail on each side.
be sure gable is centered on wall before nailing.
Continue nailing lower edge of panels to wall doubler with 2" nails spaced 6" apart.

2 Working inside, secure gable unit with (2) 3" screws angled into each QL at an angle (Fig. A).


Repeat steps for installation of the opposite side 10' gable (with hay loft trim).

FINISH
Your gable units are now installed.

## 10' x 10' ROOF PANELS

## PARTS REQUIRED:

x4



A Roof panels may cause serious injury until securely fastened.
Note: Install all roof panels with the rough side up (painted grid lines).

## $\sqrt{B E G I N}$

1 Place the 48" x 96" panel on rafters with a $3 / 4$ " measurement on the rafter (Fig. A) and the panel flush at the peak (Fig. B).

Secure panel with (2) 2" nails in the corners.

2 Move to the opposite end.
Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak (Fig. B) and there is a 1/2" measurement on the gable end rafter (Fig. C).


PARTS REQUIRED:

$(1,1 \times 60,6 \times 121,9 \mathrm{~cm})$

Flush at peak


5 Maintain spacing between the center of the rafters at the lower edge of the panels (Fig. D).

Secure panels with (1) 2" nail into each rafter, as shown.

Move to the top of the panel and keep spacing between the center of the rafters.

Secure panels with (1) 2" nail into each rafter.

Fig. D


PARTS REQUIRED:


6 Next, install $23-7 / 8^{\prime \prime} \times 48^{\prime \prime}$ and $\mathbf{2 3 - 7 / 8 "} \times \mathbf{9 6 "}$ roof panels with a 3/4" measurement on the rafter (Fig A) and flush to the installed panels (Fig. E).

Secure panels with (1) 2 " nail in each corner.


7 Install $11-7 / 8$ " x 96" and $11-7 / 8$ " x 24 " roof panels flush to the installed panels.
Secure panels with (1) 2 " nail in each corner.

## 10' x 10' ROOF PANELS

## PARTS REQUIRED:



8 Secure all roof panels with 2" nails spaced 6" apart and 12" apart inside of the upper panels.


Repeat all steps to install roof panels on the opposite side.


## PARTS REQUIRED:

x1 $\square$


1Roof panels may cause serious injury until securely fastened.
Note: Install all roof panels with the rough side up (painted grid lines).

## BEGIN

1
Place the 48" x 96" panel on rafters with a 3/4" measurement on the rafter (Fig A) and the panel flush at the peak (Fig. B).

Secure panel with (1) 2 " nail in each corner.


## 2

Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak (Fig. B).

Move gable end rafter edge until it is $1 / 2$ " from the 48 " $\times 47-7 / 8 "$ roof panel (Fig. C).

Secure panel with (1) 2 " nail in each corner.


## 10' x 14' ROOF PANELS



## 3

Install 47-7/8" x 48" roof panel flush to the installed panel and flush at the peak (Fig. B). Secure panel with (1) 2" nail in each corner.

Move to the opposite end. Using the unattached end of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak (Fig. B) and there is a $3 / 4$ " measurement on the rafter (Fig A).
Secure panel with (1) 2 " nail in each corner.

## 4

Install 23-718" x 48" roof panel flush to the installed panel and flush at the peak (Fig. B). Secure panel with (1) 2" nail in each corner.

Move gable end rafter edge until it is 1/2" from the 23-7/8" x 48" roof panel
(Fig. C).
Finish securing panel with (1) 2" nail in each corner.

## 5

Maintain spacing between the center of the rafters at the lower edge of the panels (Fig. D).
Secure panels with (1) 2 " nail into each rafter, as shown.
Move to the top of the panel and keep spacing between the center of the rafters.
Secure panels with (1) 2" nail into each rafter.
Fig. D


PARTS REQUIRED:


## 6

Install 23-7I8" x 96" roof panel with a $3 / 4^{\prime \prime}$ measurement on the rafter (Fig A) and flush to the upper installed panels (Fig. E).

Secure panel with (1) 2" nail in each corner.


7
Install 23-718" x 48" and
23-718" x 24 " upper roof panels
flush to the installed panels (Fig. E).

Secure panels with (1) 2 " nail in each corner.

## 8

Install 11-7/8" x 96" panel with a 3/4" measurement on the rafter (Fig A) and flush to the installed panels.

Secure panels with (1) 2 " nail in each corner.

## 9

Install 11-718" x 48"
and 11-7/8" x 24 " roof panels flush to the installed panels.

Secure panels with (1) 2" nail in each corner.


## 10' x 14 ROOF PANELS

## PARTS REQUIRED:

## 240 2" $(5,1 \mathrm{~cm})$

10 Secure all roof panels with 2" nails spaced 6" apart and 12" apart inside panels.


Repeat all steps to install roof panels on the opposite side.


## 10' x 18' ROOF PANELS

PARTS REQUIRED:


3/4" GAUGE BLOCK
$\square$


Roof panels may cause serious injury until securely fastened.
Note: Install all roof panels with the rough side up (painted grid lines).

## $\sqrt{\text { begin }}$

1
Place the 48" x 96" panel on rafters with a $3 / 4$ " measurement on the rafter (Fig A) and the panel flush at the peak (Fig. B).

Secure panel with (1) 2 " nail in each corner.


## 2

Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak (Fig. B).

Move gable end rafter edge until it is $1 / 2^{\prime \prime}$ from the $48 " \times 47-7 / 8^{\prime \prime}$ roof panel (Fig. C).

Secure panel with (1) 2 " nail in each corner.


## 10' x 14' ROOF PANELS

PARTS REQUIRED:

## GAA 3/4" GAUGE BLOCK

x1

(121,6 x 121,9 cm)

X2

$47-7 / 8 \times 48$ (121,6 x 121,9 cm $)$



3
中i
Install 23-7/8" x 48" roof panel flush to the installed panel and flush at the peak (Fig. B).
Secure panel with (1) 2" nail in each corner (see: Fig. A).

4
Install 47-7/8" x 48" roof panel flush to the installed panel and flush at the peak (Fig. B). Secure panel with (1) 2" nail in each corner.
Move to the opposite end. Using the unattached end of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak (Fig. B) and there is a $3 / 4$ " measurement on the rafter
(Fig A). Secure panel with (1) 2 " nail in each corner.

## 5

Install 2nd 47-7/8" x 48" roof panel flush to the installed panel and flush at the peak (Fig. B). Secure panel with (1) 2" nail in each corner.


Gable
End Rafter

Move gable end rafter edge until it is 1/2" from the 23-7/8" x 48" roof panel
(Fig. C).
Finish securing panel with (1) 2" nail in each corner.
6
Maintain spacing between the center of the rafters at the lower edge of the panels (Fig. D).
Secure panels with (1) 2 " nail into each rafter, as shown.
Move to the top of the panel and keep spacing between the center of the rafters.
Secure panels with (1) 2" nail into each rafter.
Fig. D


## 10' x 14' ROOF PANELS

## PARTS REQUIRED:



$23-7 / 8^{\prime \prime} \times 24 "$
( $60,6 \times 61 \mathrm{~cm}$ )x2


11-7/8" x 24 "
(30,2 x 61 cm$)$


## 6

Install 23-7/8" x 96" roof panel with a $3 / 4$ " measurement on the rafter (Fig. A) and flush to the upper installed panels (Fig. E).

Secure panel with (1) 2" nail in each corner.


Install (2) 23-7/8" x 48" and (1)
11-7/8" x 24 " upper roof panels
flush to the installed panels (Fig. E).
Secure panels with (1) 2" nail in each corner.

## 8

Install 11-7/8" x 96" panel with a 3/4" measurement on the rafter (Fig A) and flush to the installed panels.

Secure panels with (1) 2" nail in each corner.

9
Install 11-7/8" x 96", 11-7/8" x 24" and (2) $11-7 / 8^{\prime \prime} \times 48^{\prime \prime}$ roof panels flush to the installed panels.

Secure panels with (1) 2" nail in each corner.



10 Secure all roof panels with 2" nails spaced 6" apart and 12" apart inside panels.


Repeat all steps to install roof panels on the opposite side.
We suggest installing the 2 nd set of panels in the configuration shown (Fig. F). Install the 96" panels first.


## PARTS REQUIRED:

| x2 ZQL | $\begin{aligned} & 5 / 8 \times 4 \times 48-5 / 16 \\ & (1,6 \times 10 \times 123 \mathrm{~cm}) \end{aligned}$ | x2 | ZJL | 7 |
| :---: | :---: | :---: | :---: | :---: |
| x2 ZQR | $]_{(1,6 \times 10 \times 123 \mathrm{~cm})}^{5 / 8 \times 4 \times 48-5 / 16}$ | x2 | ZJR | $\square$ |

## $\sqrt{\text { Begin }}$

1 Install upper gable trim ZQR and ZQL flush to top of roof panels and flush at peak.
Secure trim with 2" finish nails evenly spaced, as shown.

2 Install lower gable trim ZJR and ZJL flush to top of roof panels and flush to installed trim. Secure trim with 2" finish nails evenly spaced, as shown.

Repeat steps to install trim to the opposite gable.


Your gable trim is now installed.

## CORNER TRIM

## PARTS REQUIRED:



## $\sqrt{\text { begin }}$

1 Install gable end 83-1/4" corner trim under gable panel, (Fig. A) and flush to eave wall panel (Fig. B). Secure with 2" finishing nails spaced evenly.

2 Install eave side 83-1/4" corner trim flush to eave soffit and flush along seam of installed corner trim (Fig. C). Secure with 2" finishing nails spaced evenly.


Repeat STEPS 1-2 for each corner of shed.
FINISH
Your corner trim is now installed.


## $\sqrt{B E G I N}$

1
nstall collar tie to the rafter with (3) 3" nails at each end (Fig. A).

Starting at the wall with the door, install first collar tie TP on the 2nd rafter from the gable wall and then on every other rafter, as shown.

## DOORS

## PARTS REQUIRED:



x4

$x 1$ GAA
$1 \times 3 \times 5$ " $(2,5 \times 7,6 \times 12,7 \mathrm{~cm})$
x1


0
$\sqrt{\text { begin }}$
1 Place doors on flat surface. 3/8" offset is to top.
Look for red (right) and green (left) on hinge board.
Attach temporary supports $\mathbf{O O}$ and GAA as shown.




2 Install OO flush under panels.
Secure to floor frame with (2) 3" screws (Fig. A).
Mark center of door opening.

Fig
( Center doors on mark (Fig. B).
4 Screw hinge boards into wall supports with (10) 3 " screws, as shown.
Make sure screws go into framing.

Fig.


Remove temporary supports and check to make sure doors open and close properly.

Your doors are now installed.

## DOORS

## PARTS REQUIRED:

x2 AH
19/32" x 2-1/2" x 26 5/8" (1,5 x 6,3 x 67,6 cm)

## x2 MDR

$19 / 32^{\prime \prime} \times 2-1 / 2^{\prime \prime} \times 39-7 / 8^{\prime \prime}(1,5 \times 6,3 \times 101,3 \mathrm{~cm})$
x2 MDL
19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)


You have 3 options for door trim, see Fig. C.
1 Arrange trim AH, MDL and MDR as shown.
Square AH before fastening.
Fasten trim to each door from inside with $3 / 4$ " screws (Fig. A, Fig B).

2 Center trim $\mathbf{Z J}$ over doors and secure with (7) 2 " finishing nails into framing, as shown.
 Screws

Fig. C


Trim Option 2


Customize your door trim; use 1 of 3 options: Assembly for Option 1 is shown in Fig. A. If you choose Option 2, reverse MDL and MDR. If you choose Option 3, center AH horizontally. Follow steps 1, 2 and 3.
Add or subtract more screws as needed.

Fig. B


FINISH
Your door trim is now installed.

## $\sqrt{B E G I N}$

1 Center $\mathbf{O O}$ vertically on the left door in the doorway (Fig. A) overlapping 1" (2,5 cm) along the edge of door (Fig. B).
Secure with (7) 2" screws through outside trim into OO.
2 Center OO vertically on the right door in the door opening offset 1" $(2,5 \mathrm{~cm})$ from the edge of door (Fig. B).
Secure with (7) 2" screws through outside trim into 00.

Fig. A


Your door stiffeners are now installed.

## DOOR HARDWARE

## PARTS REQUIRED:



## BEGIN

1 Place bolt on $\mathbf{O O}$ in open position with bolt end $3 / 8$ " ( $9,5 \mathrm{~mm}$ ) down from frame.
Bolt is open when loop is contacting base (Fig A).
2 Mark and pre-drill holes for screws. Install bolt with screws supplied.
Drill $5 / 16^{\prime \prime}(7,9 \mathrm{~mm})$ hole deep enough for bolt to slide into.
3 Place bolt on OO in open position with bolt end $1 / 2^{\prime \prime}(12,7 \mathrm{~mm})$ up from floor. Bolt is open when loop is connecting base (Fig. B).

4 Mark and pre-drill holes for screws. Install bolt with screws supplied.
Drill $5 / 16^{\prime \prime}(7,9 \mathrm{~mm})$ hole deep enough for bolt to slide into.


Fig. A


Fig. B


Your spring bolts are now installed.

## DOOR HARDWARE

## PARTS REQUIRED:


x2



## begin

1 Measure and mark location of hole on outside of right door as shown (Fig. A).
Pre-drill hole with 1/4" drill.

Re-drill hole with $1 / 2^{\prime \prime}$ drill.


Keep drilled hole square to trim to avoid breaking edge of door stiffener.


2 Secure backplate with 1" screws and handle with 1-1/4" screws as shown.


## HOOK \& EYE

## PARTS REQUIRED:



1 Install hooks in wall and into framing behind (Fig.A).
2 Swing door open to locate eye.


You have installed your hook \& eyes.

## VENT (Not included in kit.)

- Follow directions provided by manufacturer and these instructions.
x2


```
x12 (aum
    1/2" (13 mm)
```


$\sqrt{\text { BEGIN }}$
1 Locate and mark for two vents in side walls as shown;
(1) at top and (1) at bottom.

Cut out marked openings.
Caulk behind vent flanges.
Secure with 1/2" screws.


Your vents are now installed.


- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
- Bottom edge of all siding and trim
- Inside of doors and all 4 edges

Note:
Prime all un-primed exterior wood before painting.
(Follow directions provided by manufacturer.)

## ROOF FELT <br> - NOT INCLUDED -

- Install felt flush to all roof edges overlapping 3 ". Use minimal amount of roofing nails to hold in place.



## DRIP EDGE <br> - NOT INCLUDED -

Drip edge is only installed on the front and back sides of this shed.

- Install over roof felt or over roof deck.

- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.


No drip edge on sides.

- Follow directions provided by manufacturer and these instructions.

\. Familiarize yourself with a 3-Tab Shingle.

! NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

BEGIN
1 Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle. Starter row must be straight and level all the way across with lower edge of roof deck. NOTE: If you have installed drip edge install shingles flush to drip edge.


## SHINGLES

2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.
Roof Deck


3 Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.


## Flush with rain slots.

Flush with rain slots.

4 Continue installing rows of shingles by staggering at front.

FRONT OF SHED

Notch


5 Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5 " or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.

(1)

- If more than 5 " to rain slot you must install another row of shingles.

6 Repeat steps 1-7 to shingle the opposite side of your roof. Trim shingles at ridge.

7 Once both sides are shingled you need to trim ends. Strike a chalk line 1" from edge.

8 Using your shingle hooked blade carefully cut shingles along chalk line.


You have finished shingling your roof. Proceed to capping the ridge.

- You will finish off the top of the roof with a ridge cap made from shingles.



## BEGIN

1 Cut shingles in THREE pieces. Hint: Use cut-off pieces first.


2 Install first ridge cap flush to shingles at front, as shown.


3 Install second ridge cap 5" back, as shown.


4 Continue installing ridge cap to back of roof.


5 Make sure there is 4 " between the shingle-color and edge of shingles.


6 When you have 4" minimum of shingle color cut one piece to cap your roof.


7
Install flush to shingles.


You have finished your ridge cap.

16410 10' x10' Order Form


## LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for 1 year.
2. All accessories, hardware and metal components are warranted for 2 years.
3. All Oriented Strand Board (OSB) is warranted for 2 years
4. Siding and Trim is warranted for 15 years.
5. LP Prostruct $®$ Flooring is warranted for 10 years
6. Cedar lumber is warranted for 15 years.
7. Preserved Pine is warranted for 10 years.
8. Redwood is warranted for 10 years.
9. Metal Roof is warranted for 25 years.

Backyard Storage Solutions, LLC will repair, replace or pay for the affected part. In no event shall Backyard Storage Solutions, LLC pay the cost of labor or installation or any other costs related thereto. All warranties are from date of purchase. If a cash refund is paid on an affected part, it will be prorated from the date of purchase.

## CONDITIONS

The warranty is effective only when:

1. The unit has been erected in accordance with the assembly instructions.
2. The unit has been properly shingled and painted or stained and reasonably and regularly maintained thereafter.
3. The failure occurs when the unit is owned by the original purchaser.
4. Backyard Storage Solutions, LLC has received the warranty registration card within thirty (30) days of purchase and notification of the failure in writing within the warranty period specified above.
5. Backyard Storage Solutions, LLC has had reasonable opportunity during the sixty (60) days following receipt of notification to inspect and verify the failure prior to commencement of any repair work.

## REQUIREMENTS

## Storage Buildings

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit; shingle the roof and paint or solid-colored stain the siding using quality, $100 \%$ acrylic latex exterior product with a minimum of two (2) coats within thirty (30) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of siding/trim and OSB siding to include all exterior walls and all sides and all edges of doors.

## Gazebos \& Pergolas

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit. This includes treating all of the exposed cedar and pine surfaces on your gazebo or pergola structure with an exterior grade wood preservative, an exterior oil-based semi-transparent stain, an acrylic latex exterior paint or an acrylic latex solid color exterior stain within 30 days of assembly and as needed thereafter to maintain your warranty.

Keep vegetation trimmed away from building and make sure siding panels and trim do not come in contact with masonry or cement. The minimum ground clearance for siding must be one half inch ( $1 / 2$ inch) from concrete slab or two and one half inches ( $21 / 2^{\prime \prime}$ ) from the ground when building is erected or constructed on a treated wood floor kit. Water from sprinklers must be kept off unit. In no event will Backyard Storage Solutions, LLC be responsible for any indirect, incidental, consequential or special damages nor for failure(s) that are caused by events, acts or omissions beyond our control including, but not limited to, misuse or improper assembly, improper maintenance (which eventually leads to rot or decay) and acts of God. Backyard Storage Solutions, LLC will not be held responsible for any labor costs incurred to construct your unit.
This warranty gives you certain specific rights that vary from state to state.

## CLAIM PROCEDURE

To make a claim under this warranty, you can either call 1-888-827-9056 or email: customerservice@backyardproducts.com. Please have ready the information below when you call or include the information in your email:

1. The model and size of the product.
2. A list of the part(s) for which the claim is made.
3. Proof of purchase of the Backyard Storage Solutions, LLC item, as shown on the original invoice or receipt.
4. Run code: found on exterior product label or assembly instructions enclosed in the product package.

All other inquiries can be mailed to:
Backyard Storage Solutions, LLC
Attn: Customer Service
1000 Ternes
Monroe, MI 48162

