## 16553

## STOP!

Call Us First!
DO NOT RETURN TO STORE.
For questions on assembly or for general inquiries, you may contact us in the following ways:
Call customer service: 1-877-743-3400

## AVOID THE WAIT!

## visit us online at help.backyardproducts.com

$\rightarrow$ Submit a help request
$\rightarrow$ Answers to frequently asked questions
$\rightarrow$ Live chat with an agent


Did you enjoy building your shed?

## JOIN OUR TEAM <br> AND MAKE UP TO \$1,500/WEEK*

Call a Recruiter Today! 734-365-7000


Flexible schedule


No selling, just building


Bonus incentives available



[^0]
## ASSEMBLY MANUAL

## HOMESTEAD 10' x 8' (304,8 x 243,8 cm

ACTUAL FLOOR SIZE IS 120" x 92-5/8" (304,8 x 235,3 cm)
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 7.

- CHECK ALL PARTS

Inventory all parts listed on pages 4-6.

- ADDITIONAL MATERIALS

You will need additional materials to complete your shed. See page 3 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@backyardproductsilc.com

## TOOLS



## ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

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

- This shed includes a floor.
- See the FLOOR LEVELING section on page 7 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! This floor has been designed for general use. 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):

x1 $2 \times 4 \times 8$ ' $(5 \times 10 \times 243,8 \mathrm{~cm})$ Treated Lumber
Cut to (2) $2 \times 4 \times 89-5 / 8$ " ( $5 \times 10 \times 227,6 \mathrm{~cm}$ )x8 ea. 3" (7,6 cm) Hot Dipped Galvanized Nails


## COMPLETING YOUR SHED

You will need these additional materials:

PAINT FOR SIDING $\qquad$ 2 Gallons
Use 100\% acrylic latex exterior paint. (2) coats recommended.
CAULK
2 Tubes
Use acrylic latex exterior caulk that is paintable. $\qquad$ $\square$

PAINT FOR TRIM
1 Quart

Use 100\% acrylic latex exterior paint. TO VALIDATE YOUR WARRANTY YOU MUST USE THE FOLLOWING:

CAULK
1 Tube
For windows use acrylic latex exterior caulk that is paintable.

## PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.


Check these locations for part stamp.
wood size conversion chart
Nominal Board Size Actual Size

|  | $2 \times 4$............1-1/2" $\times 3-1 / 2^{\prime \prime}(3,8 \times 8,9 \mathrm{~cm})$ |
| :---: | :---: |
|  | $1 \times 4 . . . . . . . . . . . . . .3 / 4 " \times 3-1 / 2 " ~(1,9 \times 8,9 \mathrm{~cm})$ |
|  | $2 \times 3$............1-1/2" $\times 2-1 / 2$ " (3,8 $\times 6,3 \mathrm{~cm}$ ) |
|  | $1 \times 3 . . . . . . . . . . . . . . .3 / 4 " ~ \times 2-1 / 2 " ~(3,8 \times 6,3 \mathrm{~cm})$ |

## PARTS LIST

INVENTORY YOUR PARTS before you begin.

## We suggest sorting parts by the category they are listed in.



## PANEL PARTS LIST

## WALL PANELS \& DOORS

Wall panels panels are 3/8" (1,1 cm) thick.
NOTE: Panel parts are not stamped.


## FLOOR PANELS

Floor panels are 5/8" (1,6 cm) thick.x1


|  |
| :--- |
|  |
| $23-7 / 8 \times 92-5 / 8 "$ |
| $(60,6 \times 235,3 \mathrm{~cm})$ |

## PARTS LIST continued...

## METAL ROOFING



Metal Gable Drip Edge
$\square \mathrm{x}$
3" $\times 95-1 / 2$ " $(7,6 \times 217,2 \mathrm{~cm})$

## NAIL BOXES



## FASTENERS / HARDWARE BAG



## VENTS / DOOR HARDWARE / WINDOW



$x 8$ fromomornor-

## 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

$\square$ x2 $4 \times 4 \times 10$ ( $10,1 \times 10,1 \times 304,8 \mathrm{~cm})$ Treated Lumber


## Fasteners for Frame to $4 \times 4$.

( $3^{\prime \prime}$ Screws shown as one option.) Minimum (36) 3 " screws / exterior grade.
Use only wood treated for ground contact and fasteners approved for use with treated wood.
Always support frame seams.


## LEVELING METHODS

- Level under $4 \times 4$ 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
Solid Masonry Blocks in 1", 2", 4" or 8" thickness
2x4 Treated Lumber
Asphalt Shingles

## (1) Leveling higher than 16 " not recommended.

## CONCRETE

- If you are building your shed on a concrete foundation see the following page.


## CONCRETE FOUNDATION

## If you choose to install your kit on a concrete slab, refer to the diagram below.



Building Size
Actual Size
A B
C

| $10^{\prime} \times 8 '(304,8 \times 243,8 \mathrm{~cm})$ | $120^{\prime \prime} \times 92-5 / 8(182,9 \times 235,3 \mathrm{~cm})$ | $92-5 / 8 "(235,3 \mathrm{~cm})$ | $85-5 / 8 "(227,6 \mathrm{~cm})$ | $120 "(304,8 \mathrm{~cm})$ |
| :---: | :---: | :---: | :---: | :---: |

Use treated lumber supplied in kit.
 x2 $2 \times 4 \times 10^{\prime}(5 \times 10 \times 304,8 \mathrm{~cm})$ MUST be treated lumber.
$\square \times 22 \times 4 \times 8$ ( $\quad \square \times 10 \times 243,8 \mathrm{~cm}$ ) Cut to (2) $85-5 / 8^{\prime \prime}(227,6 \mathrm{~cm}) \quad$ MUST be treated lumber.
$\square$ x1 Caulk $\qquad$
4. 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.
- 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.

NOTES

## FLOOR FRAME

## PARTS REQUIRED:

X1 TREATED $2 \times 4 \times 24$ " $(5,1 \times 10,2 \times 61 \mathrm{~cm})$ $x 40 \longrightarrow 3^{\prime \prime}(7,6 \mathrm{~cm}) \longrightarrow$
x1 $\qquad$ $2 \times 4 \times 48$ " $(5,1 \times 10,2 \times 121,9 \mathrm{~cm})$
NOTE:
TREATED
x1 $\square$ $2 \times 4 \times 72$ " $(5,1 \times 10,2 \times 182,9 \mathrm{~cm})$
x9
TREATED
$2 \times 4 \times 89-5 / 8$ " $(5,1 \times 10,2 \times 227,6 \mathrm{~cm})$

x1 $\square$
TREATED
$2 \times 4 \times 96$ " $(5,1 \times 10,2 \times 243,8 \mathrm{~cm})$

1 Orient parts as shown on flat surface.
Measure and mark each dimension from end of boards.
Secure with (2) 3" nails at each mark and (4) 3" nails at seams.


Your floor frame is now assembled.

| STOP! | LEVEL AND SQUARE FLOOR FRAME <br> Before attaching floor decking, it is important to level and square the floor frame. <br> A level and square floor frame is required to correctly construct your shed. |
| :--- | :--- |

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

$1 \pm$ See page 7 for the preferred floor leveling method.
2 Use level and check the frame is level before applying floor panels.

3 Check for frame squareness by measuring diagonally across corners.
If the measurements are the same, the frame is square.
The diagonal measurement will be approximately 151-9/16" ( 385 cm ).
4 When the frame is level and square secure one side of frame to the $4 \times 4$ runners using one fastener at ends of each runner.
Move to the opposite end of the frame.
Secure the frame to $4 \times 4$ runners with one fastener at ends of each runner making sure the frame remains square (Fig. A).

First, secure at ends with one fastener.


Second, secure at ends with one fastener.

Once the floor frame is level and square, fasten the frame to the $4 \times 4$ runners wherever the frame contacts the $4 \times 4$ runners.

## FLOOR PANELS

PARTS REQUIRED:

x1 $\square$

## Install panels with rough side up (painted grid lines).

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

1 Install the 48" $\times 96$ " panel with the edges and corner flush to the outside of the floor frame.
Use GAA as a spacer for consistent 3/4" measurement.
Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.


## FLOOR PANELS

PARTS REQUIRED:


2
Install 23-7/8" x 92-5/8" (use GAA) and 44-5/8" x 96" floor panels flush to the installed panels.
Secure panels with 2 " nails 6 " spaced apart on edges and 12 " apart inside panel.


1
FINISH
Your floor panels are now installed.

## IMPORTANT!

STOP!
Check that the floor frame is level after installing floor panels. Re-level if needed.

-The floor should be used as a stable work surface for wall construction.
HINT: - Organize your assembly procedure during the build process to avoid over-handling of the walls.


## SIDE WALLS

PARTS REQUIRED:


## Build (2) identical side walls.

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

1 Orient parts on edge on floor. Measure and mark. Secure with (2) 3 " nails at each mark.


HINT:
For easier nailing stand on frame.


## SIDE WALLS

## PARTS REQUIRED:




2
Install (2) 46-1/8" x 72" wall panels with primed side up. Use GAA for 3/4" measurement on frame.
Secure panels to frame with 2 " nails spaced 6" apart along edges and 12" apart on inside of panel.


Repeat steps to build your 2nd side wall.

Your (2) side walls are now assembled.
Carefully flip the wall over.

## BACK WALL

## PARTS REQUIRED:

## x2 JBD $2 \times 4 \times 20-3 / 8$ " $(5,1 \times 10,2 \times 51,8 \mathrm{~cm})$



## BACK WALL

PARTS REQUIRED:

## x2 <br> 



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

2 Install (1) 48" x 72" panel, as shown. Use GAA for consistent measurement.
Secure panel to frame with 2" nails spaced 6" apart along edges and 12" apart on inside of panel.


3 Install (1) 23-7/8" x 72" panel and (1) 48" x 72" panel flush to each installed panel.
Secure panels to frame with 2 " nails spaced 6" apart along edges and 12" apart on inside of panel.


Carefully flip the wall over.

## FRONT WALL

PARTS REQUIRED:
x1 GSB

$2 \times 4 \times 23-3 / 4 "(5,1 \times 10,2 \times 60,3 \mathrm{~cm})$


BEGIN
1 Orient parts on edge on floor. Measure and mark.
Secure with (2) $3^{\prime \prime}$ nails at each mark and (4) $3^{\prime \prime}$ nails at seam.


FRONT WALL
PARTS REQUIRED: x2 3 ( $7,6 \mathrm{~cm}$ ) $\xrightarrow[2 "(5,1 \mathrm{~cm})]{\longrightarrow}$ $\mathbf{x 2} \square \begin{aligned} & 15-7 / 8 " \times 72 " \\ & (40,3 \times 182,9 \mathrm{~cm})\end{aligned} \quad \mathbf{x 2} \square \begin{aligned} & 11-7 / 8^{\prime \prime} \times 72 " \\ & (30,2 \times 182,9 \mathrm{~cm})\end{aligned}$
$x 1 \longdiv { 0 0 }$ TEMPORARY SUPPORT 69" (175,3 cm) Door Stiffener

Install all panels with the primed side facing up.
2 Install (2) $15-7 / 8^{\prime \prime} \times 72^{\prime \prime}$ panels flush to top of frame and flush along edges, as shown.
Secure panels with 2 " nails spaced 6 " apart.

3 Install (2) 11-7/8" $\times 72^{\prime \prime}$ panels flush to installed panels and flush to top of frame.
Secure panels with 2 " nails spaced 6 " apart.


4
Install temporary support OO to frame with 3" screws.

## FRONT WALL

## PARTS REQUIRED:

```
x1 HJ
    \(1 \times 3 \times 72\) " ( \(2,5 \times 7,6 \times 182,9 \mathrm{~cm}\) )
```



5 Center HJ on front wall flush to the edge of wall panels (Fig. A, Fig. B).
Secure HJ with (5) 2" nails spaced evenly.


Your front wall is now assembled.
Carefully flip the wall over.

## RIGHT WALL INSTALLATION



## x1 OO TEMPORARY SUPPORT

69" (175,3 cm) Door Stiffener


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

1 Center right side wall on the 96" (243,8 cm) floor dimension.
Ensure the 1 " $(2,5 \mathrm{~cm})$ wall panel overlap is to the bottom.

Install OO as a temporary brace.
Secure OO with (2) 3" screws.


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

Your right side wall is now installed.




## begin

## 1

Center back wall assembly on the 120 " ( $304,8 \mathrm{~cm}$ ) floor dimension. Ensure the 1" $(2,5 \mathrm{~cm})$ wall panel overlap is to the bottom.

## 2

Secure back wall panel to side wall with (1) 2" screw into side wall top and bottom plate (Fig. A, Fig.B).

ENSURE TOP OF WALL FRAMES ARE FLUSH.

## 3

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

## 4

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

Secure wall top plates with (1) 3 " screw angled at the corner (Fig. D).


Your back wall is now installed.


## LEFT WALL INSTALLATION



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

1
Center left wall assembly on the 96" (243,8 cm) floor dimension. Ensure the 1" ( $2,5 \mathrm{~cm}$ ) wall panel overlap is to the bottom.

## 2

Secure back wall panel to side wall with (1) $2^{\prime \prime}$ screw into left wall top and bottom plate (Fig. A, Fig.B).

## ! ENSURE TOP OF WALL FRAMES ARE FLUSH.

## 3

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

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

## 4

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

Secure wall top plates with (1) 3" screw angled at the corner (Fig. D).

Fig.

Your left wall is now installed.


## FRONT WALL INSTALLATION

PARTS REQUIRED

## x2



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

1 Place front 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. ©


2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame (Fig. C).
Nail wall panels to side wall studs with $1-1 / 2^{\prime \prime}$ nails spaced 6 " apart.

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

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

Fig.


Fig.
${ }^{3 "}(7,6 \mathrm{~cm})$


Finish
Your walls are now installed.

## SQUARING THE WALLS

## PARTS REQUIRED:

## (1) $\ominus$ (1)

x1

x1 $2 \times$

You must square the walls after they are standing.
The 120" dimension is taken from the outside of the framing (Fig. A). A square shed means you will have a straight and professional looking roof.

ALL WALLS MUST BE: THE FINAL DIMENSIONS WILL BE EQUAL:

- LEVEL
- PLUMB
- SQUARE
- CORNER TO CORNER



1 Determine which corner of your shed needs to be lifted to bring the walls into square. Use the method below to help lift the floor up to level.


2 Once you have equal dimensions add shims under the floor to keep your shed square.

FINISH
Your shed is now square and level.

## FRONT GABLE UNIT

PARTS REQUIRED:

```
x2 CKB
    2 x 3 < 25-1/2" (5,1 x 7,6 x 64,8 cm)
```


x1


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

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

1 Arrange (2) CKB and the 23-7/8" x 31-1/2" center panel as shown. Secure parts with 1-1/2" nails evenly spaced.


2 Instal left and right front gable panels flush to center panel.


You have finished assembling your front gable unit.

## BACK GABLE UNIT



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

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

1 Arrange (2) BNC and the 23-7/8" x 33" center panel as shown.
Secure parts with 1-1/2" nails evenly spaced.


2 Instal left and right front gable panels flush to center panel.
Secure parts with 1-1/2" nails evenly spaced.


## FINISH

You have finished assembling your back gable unit.

## FRONT GABLE

## PARTS REQUIRED:



Front Gable Unit

x4

x23

$\sqrt{\text { BEGIN }}$
1 Measure 1-1/2" down from top plate 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.

2 Continue nailing lower edge of panels to gable nailer and top plate with 2 " nails spaced 6 " apart.


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

## BACK GABLE

## PARTS REQUIRED：



Back Gable Unit


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

1 Measure 1－1／2＂down from top plate and mark at each side as shown． Set gable unit on top plate．Fasten with（1）2＂nail on each side．

2 Continue nailing lower edge of panels to top plate with 2＂nails spaced 6＂apart．


3 Working inside，secure gable unit with $3^{\prime \prime}$ screws angled into（2）gable connectors BNC at an angle（Fig．A）．

Your back gable unit is now installed．

PARTS REQUIRED:

$\sqrt{\text { BEGIN }}$
1 Working from inside of gable, install (2) DHB flush along edge of gable panels and flush at peak. Secure DHB with 1-1/4" screws spaced evenly..


Repeat steps to install back gable filler

FINISH
Your front and back gable trim fillers are now installed.

## SOFFIT TRIM UNITS

PARTS REQUIRED: $\times 2 \underset{3 / 8 \times 2-5 / 8 \times 25-1 / 8^{n}(1 \times 6,7 \times 63,8 \mathrm{~cm})}{ } \times 8$


Install fascia with the primed side facing up.

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

1 Arrange (1) soffit nailer EEB, (1) $2-5 / 8 " \times 25-1 / 8 "$ and (1) $2-5 / 8 " \times 72$ " soffit fascia boards on a flat surface.
Adjust fascia boards to measurements shown at ends of EEB. Flush fascia boards at seam and along one edge of EEB.
Secure parts with 1 " screws in pattern shown.


2 Install soffit unit flush to top of front and back gable fillers. Install the 1/8" fascia overlap toward the bottom.
Secure $3 / 8$ " fascia to gable filler with (2) $1^{1 "}$ screws at each end (Fig. A).
Secure soffit nailer EEB to gable filler with (2) $3^{\prime \prime}$ screws at each end (Fig. A).


Your soffit trim units are now installed.

## ROOF PURLINS

## PARTS REQUIRED:



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

1 Align FYA using notches in the gable panel for position (Fig. A). in in Secure (6) FYA with 3-1/2" screws.


Repeat steps for securing purlins at both sides.


FINISH
Your roof purlins are now installed.

PARTS REQUIRED:


x64

$\sqrt{\text { begin }}$
1 Install 70-1/2" 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 69" corner trim flush to eave soffit (Fig. A) and flush along seam of installed corner trim (Fig. B, Fig. C).
Secure with 2" finishing nails spaced evenly.

Fig. A

2" $(5,1 \mathrm{~cm})$
Finishing Nails


Repeat steps for each corner of shed.
FINISH
Your corner trim is now installed.

## GABLE TRIM

PARTS REQUIRED:



## BEGIN

1 Install 6-3/4"x 25-7/16" gable filler panel flush to gable filler, as shown.
Secure with 2 " finishing nails into framing.


Repeat to install trim panel on opposite side.

2 Install JGL and JGR flush with top of gable filler.
Secure trim with 2" finishing nails spaced evenly, as shown.


Repeat to install gable trim on opposite side.

FINISH
Your gable trim is now installed.

## METAL ROOF PANELS

PARTS REQUIRED:


Metal Roof Panel
25-1/4" x 71-1/2" (64,1 x 184,2 cm)


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

1 Using (2) clamps, tightly clamp a string or chalkline to front and back gable trim. Position string flush to top corner edge of gable trim (Fig. A, Fig. B).

Fig. A


2 Mark each center line dimension shown on top of gable trim. Place the first roof panel with front bottom corner 3/4" back from the gable trim (Fig. C) and bottom edge in line with string.
Referencing the center line marks on top of the gable trim, secure panel to soffit trim and purlins with (3) 1-1/2" screws.
Install screws in panel valley (Fig. D) nearest edge.


PARTS REQUIRED:

## Install roof panel with 3 overlapping contour waves covering the prevoiusly installed panel.

Fig.


3 Position 2nd panel overlapping the first panel by 3 panel contour waves (Fig. D) and flush to string. Secure panel to trim EEB and roof joists FYA with (3) 1-1/2" screws in panel valley nearest edge.


## METAL ROOF PANELS

## PARTS REQUIRED:



4 Install (3) more metal roof panels as in STEP - 3
Overlap the first 2 panels by 3 panel contour waves and overlap the final panel by 4 contour waves. Install (4) screws in each panel valley nearest edge. Install (8) screws in last panel, as shown.


## METAL ROOF PANELS

PARTS REQUIRED:
$x 10 \approx \approx \approx \approx \approx \approx \approx \approx \approx \approx \approx \approx$
Closure Strip 24" (61 cm)
x24



5 Temporarily back-out the lower (6) screws from metal panels and eave trim (Fig. E).
Beginning at the front panel, tuck (5) foam enclosures in between roof panels and eave trim.
Reinstall screws.


6 Install (5) roof panels on opposite side of roof following STEPS 1-5, beginning at the front gable.

1
Measure and mark screw type and locations shown in this view. Use this pattern for all panels.

X indicates 7/8" Screws (Peak edge of each panel)
O indicates 1-1/2" Screws

- screws already installed

NOTE:
4th panel screw-spacing is 3rd and 5th valley.


## METAL RIDGE CAP

PARTS REQUIRED:
x2
Ridge Cap
4 " $\times 4$ " $\times 54$ " ( $10,2 \times 10,2 \times 137,2 \mathrm{~cm}$ )
$\times 10 \underset{\text { Closure Strip } 24^{\prime \prime}(61 \mathrm{~cm})}{\text { and }}$



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

1 Install 1st ridge cap flush to front of roof panels across the peak of the roof.
Foam enclosures go in-between the metal roof and the bottom edge of the ridge cap, as shown.
Secure with (4) $7 / 8^{\prime \prime}$ screws $1 / 2^{\prime \prime}$ from edge of ridge cap (Fig A).
Install screws in second peak from end of ridge cap (Fig B).


2 Install 2 nd ridge cap flush to back of roof panels, across the peak of the roof and overlapping the installed ridge cap.
Install foam encolsures as in STEP - 1 with (8) 7/8" screws. Install screws in second peak from end of ridge cap (Fig B).


Your ridge cap are now installed.

## METAL DRIP EDGE

## PARTS REQUIRED:



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

1 Measure and mark 72" (182,9 cm) mark on (1) drip edge strip.

2 Using a framing square scribe a $28^{\circ}$ line from your center point, cut the line.


## METAL DRIP EDGE (continued)

## PARTS REQUIRED:



4 Install pre-cut 54-1/4" drip edge flush to gable trim.
Secure with (2) 7/8" screws, as shown (FIg. A).


Flush to trim.

5 Place 72" drip edge centered at peak of gable. Fold down at center cut over peak of gable. Position vertical edge of drip edge flush to gable trim.
Secure with (6) 7/8" screws per side, as shown (FIg. A).


Repeat steps to install drip edge at opposite gable.

Your drip edge is now installed.

## DOORS

PARTS REQUIRED:


x4

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


1 Orient parts as shown on flat surface. $\dagger 3 / 8^{\prime \prime}$ offset is to top. Look for red (right) and green (left) on hinge board.

2 Attach temporary support $\mathbf{O O}$ with 3 " screws in middle and at ends as shown.

3 Attach temporary support GAA with (2) 1-1/4" screws as shown.


## DOORS

PARTS REQUIRED:
x1 $\frac{\mathbf{O O}}{69 \text { " }(175,3 \mathrm{~cm}) \text { Door Stiffener }}$

4 Attach temporary support OO as a ledger board flush under wall panels for doors to rest on, using (3) 3" screws (Fig. A).


5 Center doors on panel seam as shown (Fig. B). \|\| \} Check ledger board is still flush under panels.

6 Screw hinge boards into wall supports and floor using (10) 3" screws, as shown. \. Make sure screws go into framing and floor (Fig. C, D).

Remove temporary supports and check doors open properly.


Fig. D

Your doors are now installed.

## DOOR TRIM

x1

## PARTS REQUIRED:

## X4 $\frac{\mathbf{A H}}{19 / 32 \times 3 \times 26-5 / 8 \text { " }(1,5 \times 7,6 \times 67,6 \mathrm{~cm})}$


x5 2" $(5,1 \mathrm{~cm})$

$\times 56$ andornar
$3 / 4^{\prime \prime}(1,9 \mathrm{~cm})$

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

1 Secure door trim from inside using 3/4" screws as shown (Fig. A).
2 Secure (2) horizontal door rails AH with (4) $3 / 4$ " screws from behind to center of doors as shown.
3 Reinforce the door trim using 3/4" screws through door panel into trim (Fig. A). Locate screws as shown in Fig. B. Use (2) screws at seams.

4 Center trim ZJ over doors and secure using (5) 2" finish nails into framing as shown.

3/4" (1,9 cm) Screws from behind.



Fig. B

## PARTS REQUIRED:




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

1 Apply high quality exterior-grade caulk behind frame near edge before installing to seal window.

You must caulk completely around window frame and all exposed door panel edges and trim to validate your warranty. Use a paintable exterior rated caulk.

2 From back side of door, measure 15-13/16"
 from inside edge of door. Mark center of window opening on door.

Position window in opening flush to bottom of window opening. Center window on mark.

Use (4) screws to secure each window.


FINISH
Your transom windows are installed.

## DOOR STIFFENERS

## PARTS REQUIRED:



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

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

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 $\mathbf{O O}$.


Fig. A


## DOOR HARDWARE

## PARTS REQUIRED:



## BEGIN

1 Measure and mark location of hole on outside of right door as shown (Fig. A). Pre-drill hole with $1 / 4$ " drill.
2 Re-drill hole with $1 / 2^{\prime \prime}$ drill (Fig. B).
\} Keep drilled hole square to trim to avoid breaking edge of 1 - 1 / 2 ^ { \prime \prime } \times 2 - 1 / 2 ^ { \prime \prime } door stiffener.


3 Install decorative hinges on horizontal trim and flush against hinge.

## PARTS REQUIRED:




## $\sqrt{\text { beGin }}$

1 Place bolt on $\mathbf{O O}$ in open position with bolt end $3 / 8^{\prime \prime}(9,5 \mathrm{~mm})$ 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.


FINISH
Your spring bolts are now installed.

Fig. A


## DOOR HARDWARE / DECORATIVE HINGES

## PARTS REQUIRED:

## x1


x4
x12




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

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 Insert handle in hole and secure with 1-1/2" screws.

3 Install inside handle and secure with set screw as shown.
4 Install decorative hinges on horizontal trim and flush against hinge, as shown. Secure hinges with $3 / 4$ " screws.


You have now installed your T-handle and decorative hinges.

## WALL BATTENS

PARTS REQUIRED:

$\sqrt{\text { BEGIN }}$

## 1

Install (2) 70-1/2" front battens under gable panel (Fig. A).
Secure with 2" finishing nails spaced evenly.

## 2

Install (6) eave side 69" battens flush to eave soffit (Fig. A). Measure and mark centers of battens from corner trim. Middle batten covers the seam.


Secure with 2" finishing nails spaced evenly.


## VENTS

- Follow directions provided by manufacturer and these instructions.
x2



## $x 12$ ( <br> $1 / 2^{\prime \prime}(13 \mathrm{~mm})$


$\sqrt{\text { BEGIN }}$
1 Locate and mark for (2) vents in side and back 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.

## 16553 10' x 8' Order Form

| CATEGORY | PART DESCRIPTION | PART SIZE | PART ITEM \# | BUILDING QTY. | PART ID |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $2 \times 3$ |  |  |  |  |  |
|  |  |  | Q2502800000 | 2 | BNC |
|  | Gable Connector - Front | $2 \times 3 \times 25-1 / 2^{\prime \prime} 28^{*}$ GABLE CONN | Q 25082800000 | 2 | CKB |
|  | Gable Nailer | 2x3x71-1/4" @ 28* O/E | Q 71042800000 | 4 | DHB |
|  | Soffit Nailer | $2 \times 3 \times 94-1 / 8^{\prime \prime}$ | Q 94020000000 | 2 | EEB |
|  |  |  |  |  |  |
| $2 \times 4$ | Purlin | 2x4x93-3/8 | O 93060000000 | 6 | FYA |
|  | Sidewall Plate / Backwall Plate "A" | LUM SPF 2X4X92-5/8 \#2\&BTR | 12305 | 6 | TJ |
|  | Backwall Plate "B" |  | O 20060000000 | 2 | JBD |
|  | Frontwall Top Plate "A" | $2 \times 4 \times 89-1 / 4$ " Top Plate | O 89040000000 | 1 | GBD |
|  | Frontwall Top Plate "B" | $2 \times 4 \times 23-3 / 4{ }^{\prime \prime}$ | O 23120000000 | 1 | GSB |
|  | Frontwall Bottom Plate | $2 \times 4 \times 24-1 / 2^{\prime \prime}$ | O 24080000000 | 2 | KHA |
|  | Wall Stud | $2 \times 4 \times 68$ " STUD | 068000000000 | 22 | UM |
|  |  |  |  |  |  |
| $2 \times 4$ TREATED FLOOR FRAME | Floor Joist | $2 \times 4 \times 89-5 / 8{ }^{\prime \prime}$ TREATED | P 89100000000 | 9 | --- |
|  | Bond Board "A" | LUM TRTD $2 \times 4 \times 96$ \#2\&BTR | P96000000000 | 1 | --- |
|  | Bond Board "B" | $2 \times 4 \times 24 \# 2 \& B T R$ | P 24000000000 | 1 | --- |
|  | Bond Board "C" | LUM TRTD $2 \times 4 \times 72$ \#2\&BTR | P 72000000000 | 1 | --- |
|  | Bond Board "D" | LUM TRTD $2 \times 4 \times 48$ \#2\&BTR | P 48000000000 | 1 | --- |
|  |  |  |  |  |  |
| $1 \times 3$ PINE | Over Door Nailer | LUM SPF 1 ${ }^{\text {3 }}$ X72" SQ EDGE PET | U 72000000000 | 1 | HJ |
|  | Gauge Block | $1 \times 3 \times 5$ " PINE FILLER | $\cup 05000000000$ | 1 | GAA |
|  |  |  |  |  |  |
| $5 / 8$ OSB | Floor Panel "A" | OSB 5/8" $\times 44^{\prime} \times 8^{\prime}$ | 11117 | 1 | --- |
|  | Floor Panel "B" | $5 / 8{ }^{\prime \prime}$ OSB $445 / 88^{\prime \prime} \times 96$ | E 96004410000 | 1 | --- |
|  | Floor Panel "C" | $5 / 88^{\prime \prime}$ OSB $237 / 8^{\prime \prime} \times 925 / 8{ }^{\prime \prime}$ | E92102314000 | 1 | --- |
|  |  |  |  |  |  |
| NO GROOVE SIDING | Front Wall Panel "A" | $3 / 8{ }^{\prime \prime}$ NG $15718{ }^{\prime \prime} \times 722^{\prime \prime}$ | K 7200151400B | 2 | --- |
|  | Front Wall "B" | $3 / 8{ }^{\prime \prime}$ NG $117 / 8{ }^{\prime \prime} \times 72^{\prime \prime}$ | K 72001114000 | 2 | --- |
|  | Back Wall Panel "B" | 3/8"NG 23 7/8" X72"PANEL OR | K 72002314000 | 1 | --- |
|  | Gable Filler Panel | 3/8"NG $63 / 4^{\prime \prime} \times 257 / 16^{\prime \prime}$ GABLE | K 25070612000 | 2 | --- |
|  | Front Center Gable Panel | 3/8"NG $237 / 8^{\prime \prime} \times 311 / 2^{\prime \prime}$ FRON | K 31082314000 | 1 | --- |
|  | Back Center Gable Panel | $3 / 88^{\prime \prime}$ NG $23718{ }^{\prime \prime} \times 33{ }^{\text {" }}$ BACK | K 3300231400B | 1 | --- |
|  | Front Wing Gable Panels | 3/8" NG 25-3/4" $\times 48{ }^{\text {" RGT FRT }}$ | K 48002512100 | 1 | --- |
|  | Front Wing Gable Panels | $3 / 8{ }^{\prime \prime}$ NG 25-3/4" $\times 48$ " LFT FRT | K 48002512200 | 1 | --- |
|  | Back Wing Gable Panels | $3 / 8{ }^{\prime \prime}$ NG 27 1/4" X 48" RGT BCK | K 48002704100 | 1 | --- |
|  | Back Wing Gable Panels | 3/8" NG 27 1/4" $\times$ 48" LFT BCK | K 48002704200 | 1 | --- |
|  | Front / Back Corner Trim | 3/8" NG $13144^{\prime \prime} \times 70$ 1/2" | K 70080112000 | 6 | --- |
|  | Side Corner Trim / Batten | 3/8" NG $13 / 4$ " X 69" | K 69000112000 | 10 | --- |
|  | Back Wall Panel "A" | SIDING NGSE 3/8X4'X6' | 11509 | 2 | --- |
|  | Side Wall Panel "A" | 3/8" NG $461 / 8^{\prime \prime} \times 72^{\prime \prime}$ PANEL | K 72004602000 | 4 | --- |
|  | Eave Fascia "A" | $3 / 8{ }^{\prime \prime}$ NG 2-5/8" $\times 72^{\prime \prime}$ | K 72000210000 | 2 | --- |
|  | Eave Fascia "B" | $3 / 8{ }^{\prime \prime}$ NG 2-5/8" $\times 25-1 / 8^{\prime \prime}$ | K 25020210000 | 2 | --- |
|  |  |  |  |  |  |
| 19/32 X 3 SMART TRIM | Horizontal Door Rails | 19/32 TST $21 / 2^{\prime \prime} \times 265 / 8^{\prime \prime}$ | UT26100208000 | 4 | AH |
|  | Door Trim Hinge \Over Door Trim | 19/32 TST $21 / 2^{\prime \prime} \times 72^{\prime \prime}$ TRIM | UT72000208000 | 1 | ZJ |
|  |  |  |  |  |  |
| 19/32 X 4 SMART TRIM | Right Gable Trim | 19/32 TST $31 / 22^{\prime \prime} \times 71-7 / 8{ }^{\text {" } 28 * 3 / E ~}$ | UT71142828100 | 2 | JGR |
|  | Left Gable Trim | 19/32 TST $31 / 2^{\prime \prime} \times 71-7 / 8^{\prime \prime} 28^{*}$ B/E | UT71142828200 | 2 | JGL |
|  |  |  |  |  |  |
| PURCHASED COMPONENTS | Door Stiffener | LSL 1-1/4 $\times 2-1 / 4 \times 69$ PET | 12715 | 2 | 00 |
|  | Wall Vents | VENT 16" ${ }^{\text {8 }}$ " EXTERIOR (WHITE) | 15002 | 2 | --- |
|  | T \& D Handle | HANDLE - T \& "D" HANDLES, FAUX | 15220 | 1 | --- |
|  | Transom Window | WINDOW $9 \times 27$ TRANSOM (SINGLE | 15235 | 2 | --- |
|  | Metal Roof Panels | METAL ROOF MS (GALVALUME) CORR 71-1/2" | 15016 | 10 | --- |
|  | Metal Rake | 1 " $\times 3^{\prime \prime} \times 95-1 / 2^{\prime \prime}$ RAKE FASCIA - 29 GA. GALVALUME | 15380 | 4 | --- |
|  | Metal Ridge Cap | $4^{\prime \prime} \times 4^{\prime \prime} \times 54$ " RIDGE CAP - 29 GA. GALVALUME | 15394 | 2 | --- |
|  | Foam Enclosures | FOAM ENCLOSURE - METAL ROOF | 15195 | 20 | --- |
|  | Hardware Kit | H/K TSC HOMESTEAD 10x8 GABLE | 15503 | 1 | --- |
| PACKAGING |  |  |  |  |  |
|  | Instructions |  | 16553 | 1 | --- |
|  |  |  |  |  |  |
|  | 30177-R |  |  |  |  |
| Right Door Assembly | Door Panel | $3 / 88^{\prime \prime} \mathrm{NG} \times 31-3 / 8^{\prime \prime} \times 71-1 / 2^{\prime \prime} \mathrm{DO}$ | K 71083106072 |  | --- |
|  | Right Hinge Assembly | HINGE RIGHT (RED) $19 / 32 \times 3$ THIN TRIM | 30121-TT |  | $\cdots$ |
|  | Vertical Door Stiles | 19/32 TST $21 / 2^{\prime \prime} \times 715 / 8^{\prime \prime}$ | UT71100208000 |  | GY |
|  | Horizontal Door Rails | 19/32 TST $21 / 2^{\prime \prime} \times 265 / 8^{\prime \prime}$ | UT26100208000 |  | AH |
|  | 30177-L |  |  |  |  |
| Left Door Assembly | Door Panel | $3 / 8{ }^{\text {" }}$ NG $\times 31-3 / 8^{\prime \prime} \times 71-1 / 2^{\prime \prime}$ DO | K 71083106072 |  | --- |
|  | Left Hinge Assembly | HINGE LEFT (GREEN) 19/32x3 THIN TRIM | 30131-TT |  | --- |
|  | Vertical Door Stiles | 19/32 TST $21 / 2^{\prime \prime} \times 715 / 8^{\prime \prime}$ | UT71100208000 |  | GY |
|  | Horizontal Door Rails | $19 / 32$ TST $21 / 2^{\prime \times 265 / 8{ }^{\prime \prime}}$ | UT26100208000 |  | AH |

## 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 ${ }^{\circledR}$ 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:
The unit has been erected in accordance with the assembly instructions.
The unit has been properly shingled and painted or stained and reasonably and regularly maintained thereafter.
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


[^0]:    Write a Backyard Products, LLC. product review at backyardreviews.net for a chance to win a $\$ 500$ Visa gift card. No purchase necessary to enter. Must be legal U.S. resident (including DC \& Puerto Rico), 18 or older to participate. Taxes on prize are responsibility of winner. Odds of winning depend on the number of eligible reviews received. Void where prohibited. For complete details and official rules, visit https://backyardreviews.net/sweepstakes-rules.

