

Cedarshed Industries *'The 8 x 4 Bayside'*

Cedarshed Products are made of Western Red Cedar, a beautiful, decorative and durable wood that will enhance your leisure space and provide you with years of enjoyment. When exposed to the elements, natural unfinished Western Red Cedar will weather to a beautiful silvery grey. If you prefer to maintain the natural wood colors, ask your Authorized Cedarshed Dealer to recommend a quality stain to apply after assembly.



'The 8 x 4 Bayside'

ASSEMBLY INSTRUCTIONS:

1. Foundation Preparation.....page...7 to 8
2. Floor Assembly.....page...9
3. Wall Assembly.....page...10 to 13
4. Roof Assembly.....page...14 to 15
5. Trim.....page...16 to 22
6. Hardware.....page...23 to 24

TOOLS YOU NEED:

- Garden tools for foundation leveling work
- Power drill & drill bits
- 2 Step ladders (8' Min.)
- 36" carpenters Level
- Hammer, saw, tape measure, pencil etc.
- $\frac{1}{16}$ " drill bit

MATERIALS REQUIRED:

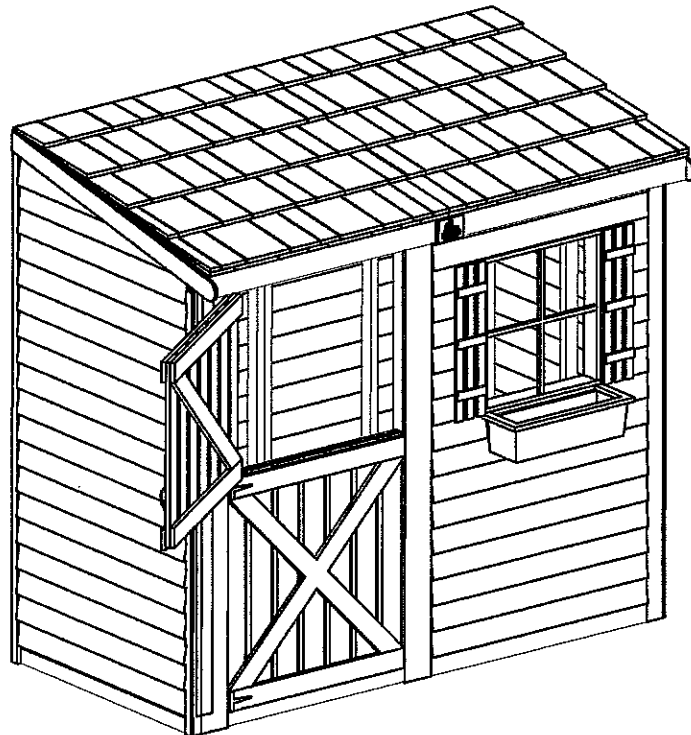
- 8 foundation or concrete foundation pads
- 2 tubes of outdoor rated wood adhesive
- 1 tube of outdoor rated latex caulking

ASSISTANCE REQUIRED:

A minimum of two people will be required to construct the Gazebo, a third person will be helpful when working on the roof structure.

NOTE

Assembly of building will require the use of power tools and a ladder. Please take precautions at all times. Obtaining necessary permits is the sole responsibility of the purchaser. Please visit our website at www.cedarshed.com for additional safety tips and other considerations to promote safe and enjoyable usage of your Cedarshed Product for years to come.





'The 8 x 4 Bayside'

Do I Need A Building Permit?

Check with your local permit office for the regulations for your area. Generally, structures under 100 square feet do not require building permits. If a permit is required, your local permit office will have an application form. Obtaining necessary permits is the sole responsibility of the purchaser.

All Cedarshed products are constructed of Western Red Cedar. All framing components are a nominal 2" x 3" size. Wall and corner posts consist of 2" x 3"s.

Safety Points and Other Considerations

As a proud owner of a Cedarshed gazebo, garden shed or outdoor furnishing(s), we want you to safely enjoy it for many years to come. Our products are built for use based on proper installation on level ground and normal residential use. Please follow the Assembly Manual when building the structure, and keep this manual as a reference for future maintenance.

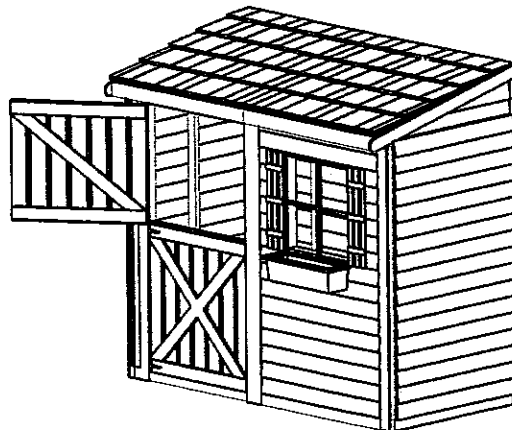
When using power tools, ladders or any other tool, observe all safety precautions recommended by the manufacturer. Always use appropriate safety equipment, including eye protection.

Customers agree to hold Cedarshed Industries (1992) Inc. and any Authorized Dealers free of any liability for improper installation, maintenance and repair of any Cedarshed product.

Some Safety Tips to Consider Include:

1. Roof Snow Load Ratings vary by geographical location. If a heavy or wet snowfall occurs, it is advisable to clear the snow off the roof.
2. If the structure is elevated above ground, local Building Code requirements are solely the owners responsibility, and should be abided by.
3. In high or gusty wind conditions it is advisable not to use the structure, and it may be advisable to keep the structure securely grounded
4. Have a regular maintenance plan to ensure floors, walls, doors, windows, roofing members etc. are secure and ready for adverse weather conditions.
5. In some geographical regions, our products are not rated for human occupancy. Please check with local authorities if this is the intended use.
6. It is important to properly prepare the foundation to ensure the proper construction of Cedarshed products. Please review the information in this Assembly Manual or our web site or alternatively, consult with a professional with knowledge on properly preparing a foundation.

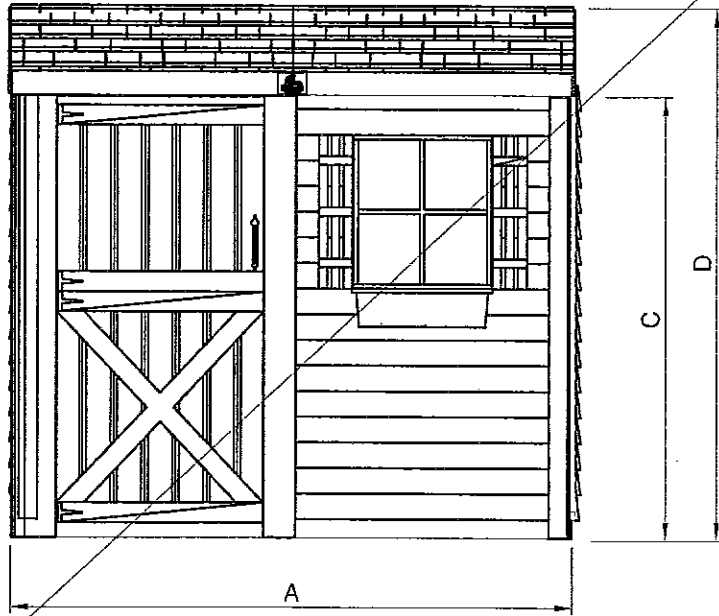
Our customers love telling us their Cedarshed stories and we are proud to hear them. Local conditions, personal construction abilities and other factors may affect the construction of any Cedarshed product, so it is possible that your experience may differ from those presented in this manual, in our catalogue or on our website.



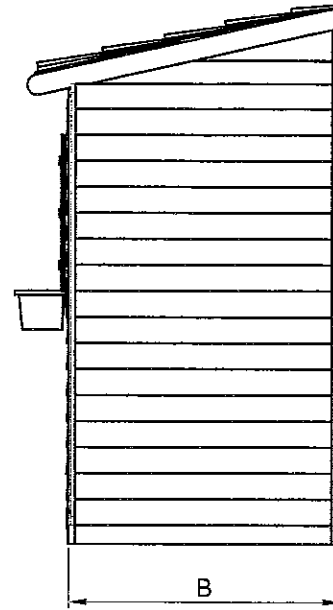
Specifications for 'The 8 x 4 Bayside'

Revised 01/27/07

- Your Cedarshed Product is constructed of Western Red Cedar.
- All framing components are nominal 2"x 3" in size (unless noted otherwise)

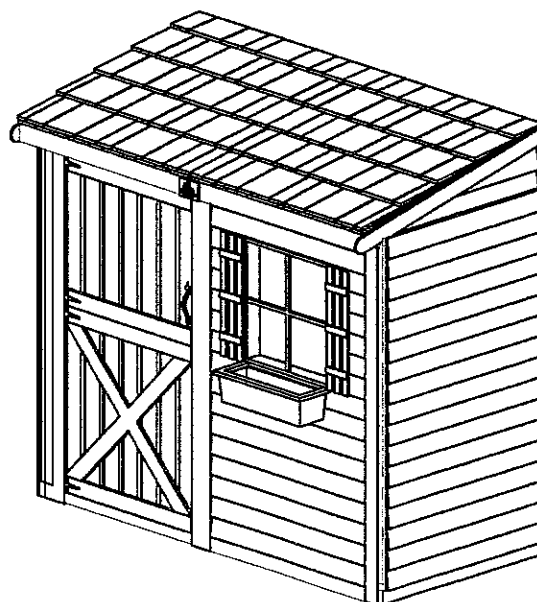


FRONT VIEW



SIDE VIEW

Measurements for Rancher	
Area	31.5 Sq. Ft.
Dimension	
A	98"
B	46-1/2"
C	82"
D	93"
Dutch Door	37" x 73"
Weight	



The 8 X 4 BAYSIDE

Materials List

Part Number	Part Name	Size or Type	No.
FLOOR			
P-2423	Floor Joist	2 x 4 - 23"	4
P-2446G	Floor Joist	2 x 4 - 46 1/2"	4
P-2469	Floor Joist	2 x 4 - 69"	4
P-PL-I2446G	Plywood Sheet	5/8 x 24 - 46 1/2"	3
P-PL-I2646G	Plywood Sheet	5/8 x 26 - 46 1/2"	1
WALL PARTS			
BW - 003	Solid wall panel	46 1/2" x 73 1/4"	4
WW - 003	Window wall panel	46 1/2" x 74 3/4"	1
IW - 001	Infill wall panel	46 1/2" x 9 1/4"	2
DF - 006	Door Frame	48" x 77 1/2"	1
DR - 003	Dutch Door		1
2346G	Header	2 x 3 - 46 1/2"	4
2371K	Top plates	2 x 3 - 71 3/4"	2
2326C	Top plates	2 x 3 - 26 1/4"	2
2341G	Top plates	2 x 3 - 41 1/2"	2
ROOF			
GW - 008	Gable panel	9" x 51 5/8"	2
RF - 019	Roof panel	50 1/2" x 55"	2
TRIMS			
P-11K48	Trim	1" x 1 3/4" - 48"	1
P-1348	Trim	1" x 3" - 48"	1
P-1279C	Trim (short)	1 x 2" - 79 1/4"	2
P-11K79C	Trim (short)	1 x 1 3/4" - 79 1/4"	1
P-13C79C	Trim (short)	1 x 3 1/4" - 79 1/4"	2
P-1289G	Trim (long)	1 x 2" - 89 1/2"	3
P-13C89G	Trim (long)	1 x 3 1/4" - 89 1/2"	2
P-G450	Soffits	1/2" x 4" x 50"	2
P-1450	Fascia	1 x 4" x 50"	4
P-B-G645	skirting	1/2" x 6" - 45"	9
P-B-G445	skirting	1/2" x 4" - 45"	2
P-B-G4B37B	skirting	1/2" x 4 1/8" - 37 1/8"	1
HARDWARE			
P-H-PLAQL	Cedarshed plaque		1
P-SH - 001	Window shutters		2
P-FW - 001	Flower box		1
P-H - SC2	2" screws	Bag	54
P-H - SC3	3" screws	Bag	150
P-H - NL 1.75	1 3/4" finishing nails	Bag	160
P-H - HASP	Hasp		1
P-H - DHAND	Door handles		1
P-H - THING6	Door hinges		4
P-H - BBLT4	Barrel bolt		1
P-H - MFLASS	Metal roof flashing	3" x 12"	5

Use of Outdoor Rated Wood Adhesive

Revised 07/07/07

- To add additional structural integrity to your Cedarshed structure, a good outdoor rated wood adhesive can be used where panels are joined together. This would include the following locations:

GARDEN SHEDS

Floor panel to floor panel
Wall panel to wall panel
Wall panel to floor panel
Header to wall panel
Top plate to wall panels
Gable panels to top plate
Roof panel to gable panel
Roof panel to top plate
Gusset to rafter

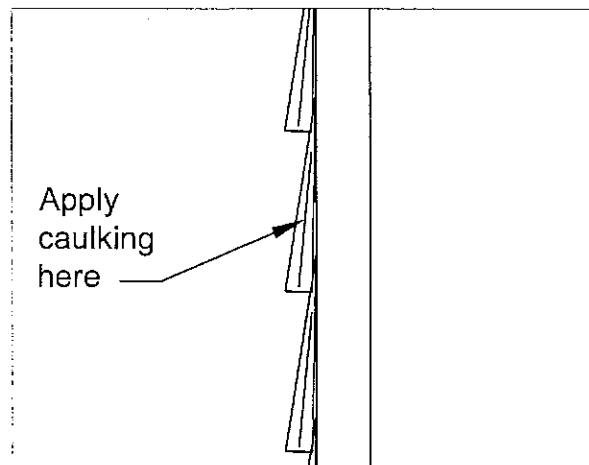
GAZEBO STRUCTURES

Joist parts to joist parts
Deck boards or panels to joist
Post to post
Post to deck
Wall panels to deck
Baluster to rail fillets
Rail fillets to rails
Rails to posts
Top rails to posts
Headers to posts
Rafters to headers
Rafters parts to rafter parts
Roof sheathing to rafters
Roof panels to rafters

- Please note: If you plan on disassembling your Cedarshed structure at a later date, then an adhesive would not be recommended.

Use of Outdoor Rated Latex Caulking

- In times of heavy rain, water may weep into your Cedarshed structure. To help to prevent some of this from happening, a good quality latex caulking applied on edges of the siding before affixing the trim boards into place is recommended.
- Please refer to the diagram below for more details.



EDGE OF WALL PANELS

1. Foundation Preparation for 'The 8 x 4 Bayside'

WHAT SHOULD I DO TO PREPARE THE SITE?

Before you begin assembly, clear the construction area. Remove all debris; roots, grass, rocks etc. Make sure the ground slopes away from the site at least 10 feet in all directions. If necessary, build up the soil in the center of the site and slope away from the high point to provide drainage. Fill in any low spots within the perimeter of the site. GRADE A SLOPE OF 1/8" PER FOOT, enough to prevent water accumulation. We recommend excavating the site 4" deep and laying gravel or crushed rock where drainage may be a concern.

WHAT TYPE OF FOUNDATION SHOULD I USE?

Concrete Patio Stone Foundation (Option 1):

If the ground is stable and has sufficient drainage, you can set patio stones directly on firm compacted soil. If not, lay the Patio Stones on gravel or crushed rock. Place the Patio Stones at the load bearing points of the floor and under each doorway post. You may wish to slide the exterior Patio Stones a few inches under the Floor Joist System to reduce a tripping hazard.

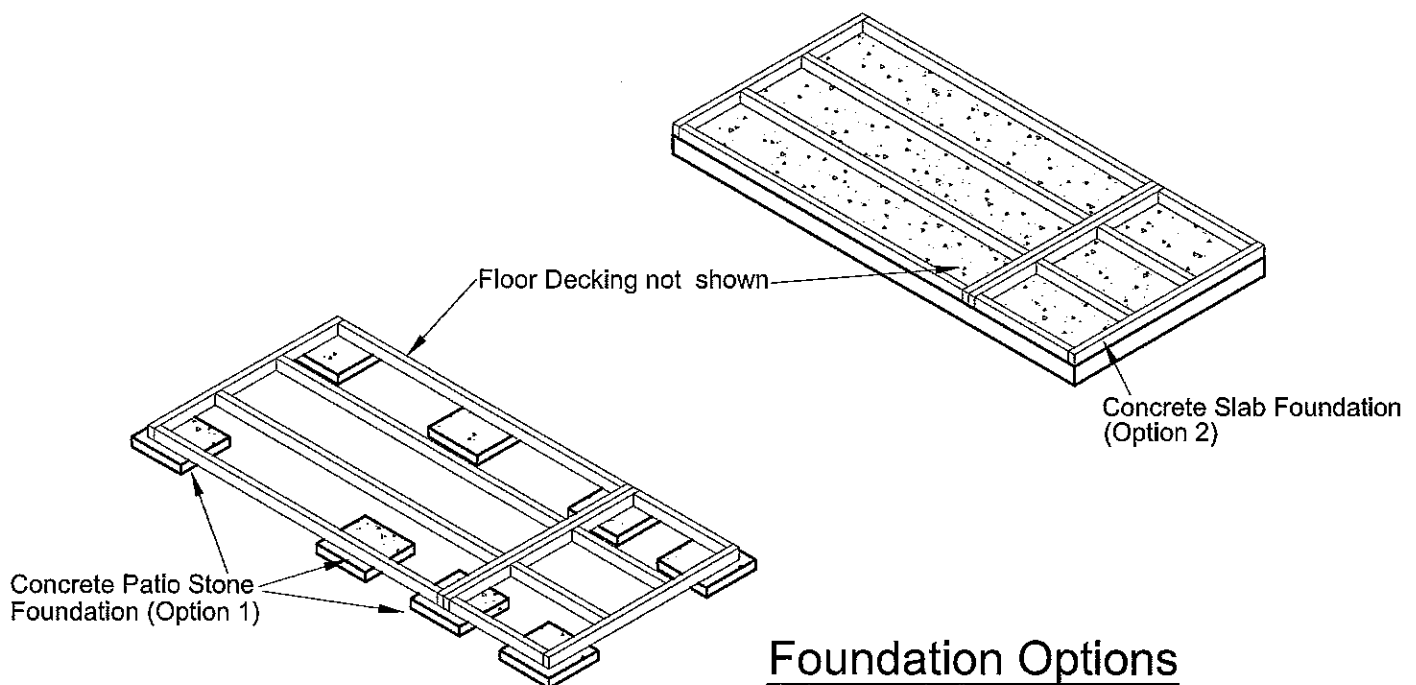
With all of the Patio Stones in place, you are now ready to level the Patio Stone Foundation.

Using a shovel, add or remove soil beneath each Patio Stone to adjust the level. Use a carpenter's level on a long straight piece of lumber on end to level from one Patio Stone to another for all the Patio Stones. Remember to compact (soil/sand/gravel) as much as possible under each Patio Stone. It is recommended that you level the outside Patio Stones first and then work your way inward.

Concrete Slab Foundation (Option 2)

Typically a slab 3"-4" thick laid over a subbase of 4" of gravel or crushed rock is sufficient but may vary (consult your local Cedarshed supplier). Either mix your own concrete or have it delivered to your site. A 10' x 10' x 4" slab will require approximately 1 cubic yard of concrete. In any case, make sure you excavate the slab area to a depth of 6", use 4" of gravel as your subbase, Welded Wire Mesh as reinforcing (optional) and 4" of concrete (trowel to allow for drainage away from the center high point).

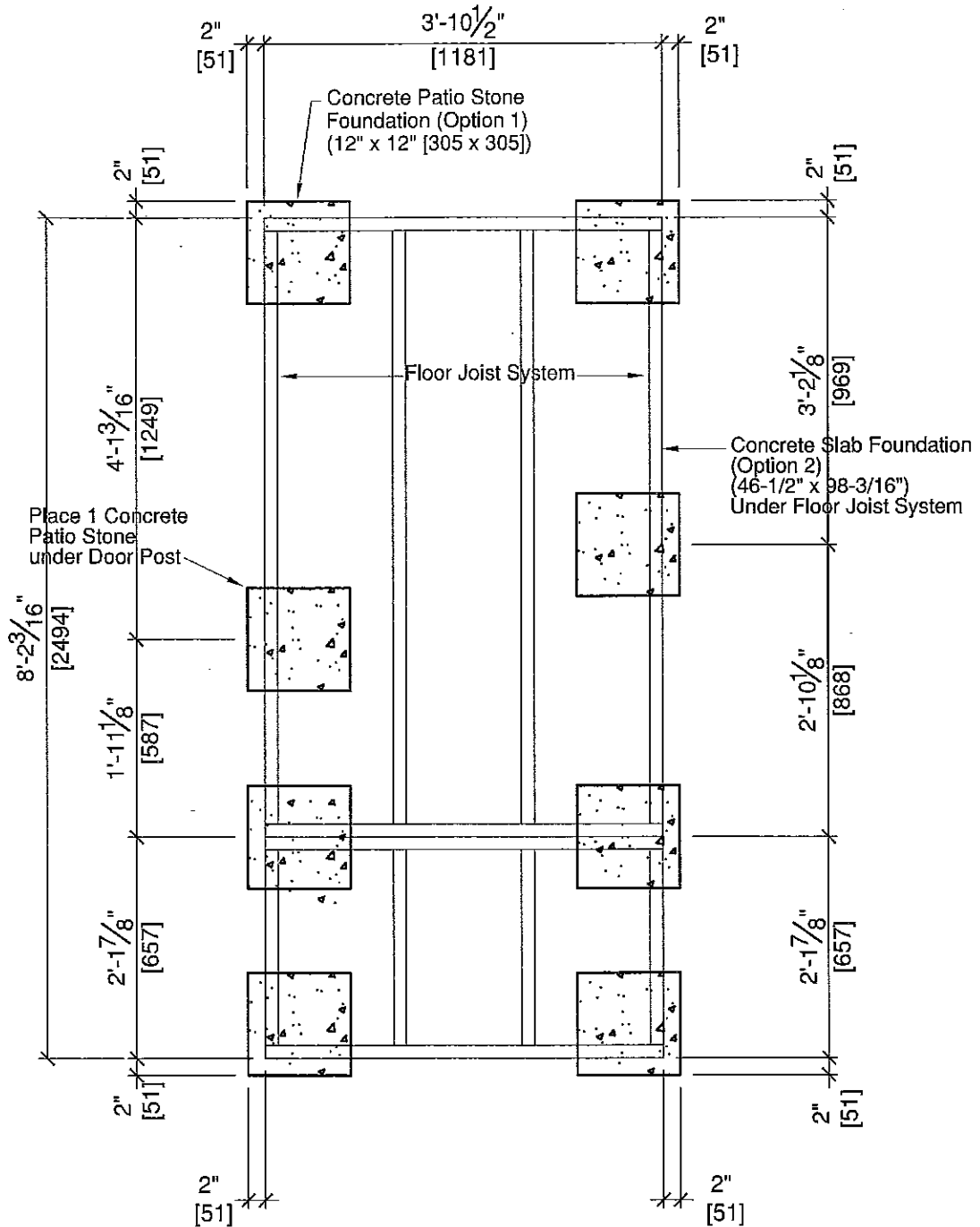
THE CONSTRUCTION OF 'THE RANCHER' MUST BE DONE ON A LEVEL FOUNDATION AND BE IN ITS FINAL LOCATION. PLACE ADDITIONAL FOUNDATION PADS AS YOU FEEL NECESSARY TO STABILIZE THE FLOOR SYSTEM. YOU MUST HAVE A LEVELLED FOUNDATION BEFORE PROCEEDING TO LAY FLOOR ASSEMBLY.



Foundation Options

Refer to following sheets for dimensions

1. Foundation Preparation

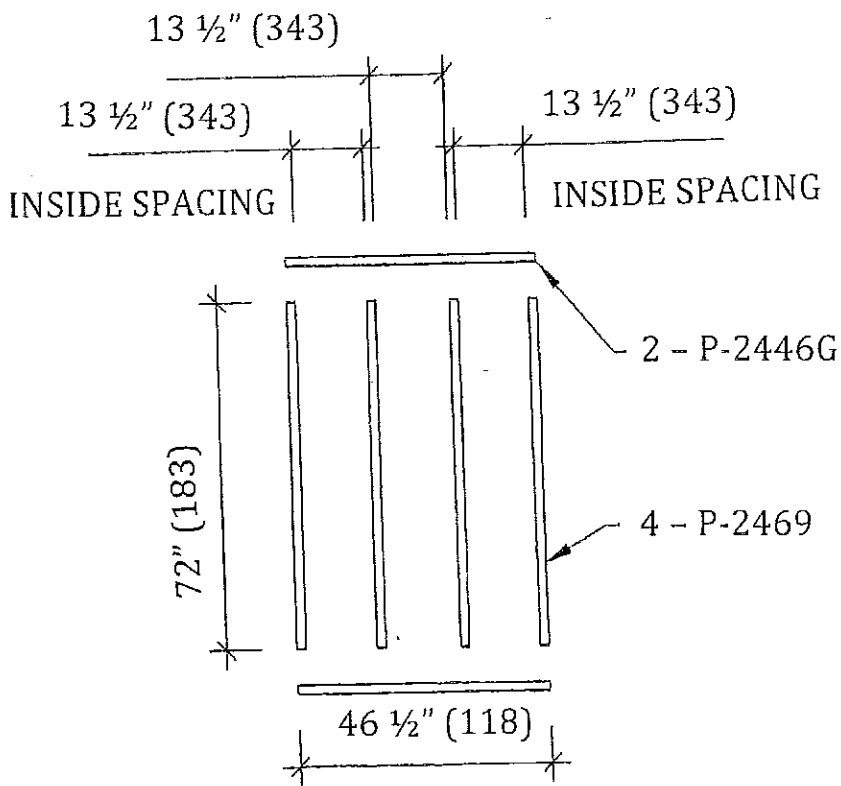


Foundation Plan

[Metric Dimensions shown in brackets]

JOIST BOX ASSEMBLY

Lay the joist parts out as per Fig P11-1. Using 2-3" screws per joist assemble the joist box together as per Fig. P-11-2. The completed joist box is pictured in Fig. P11-3



46 1/2" x 72" floor panel layout.

Fig P11-1

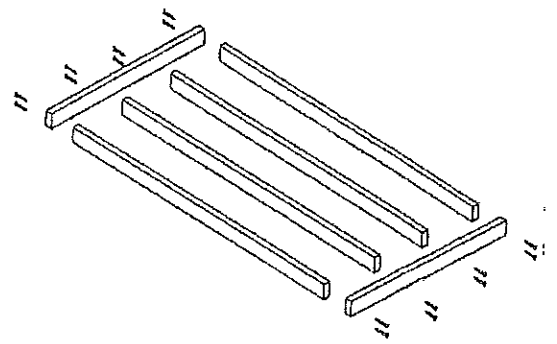


Fig P11-2

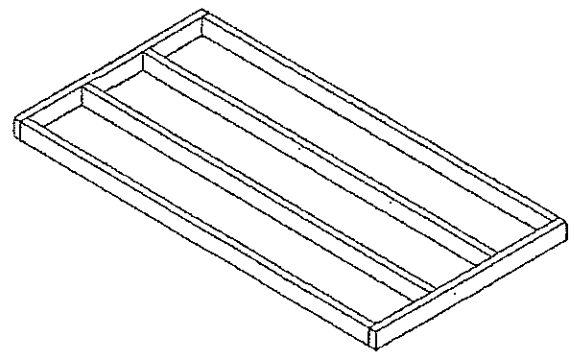
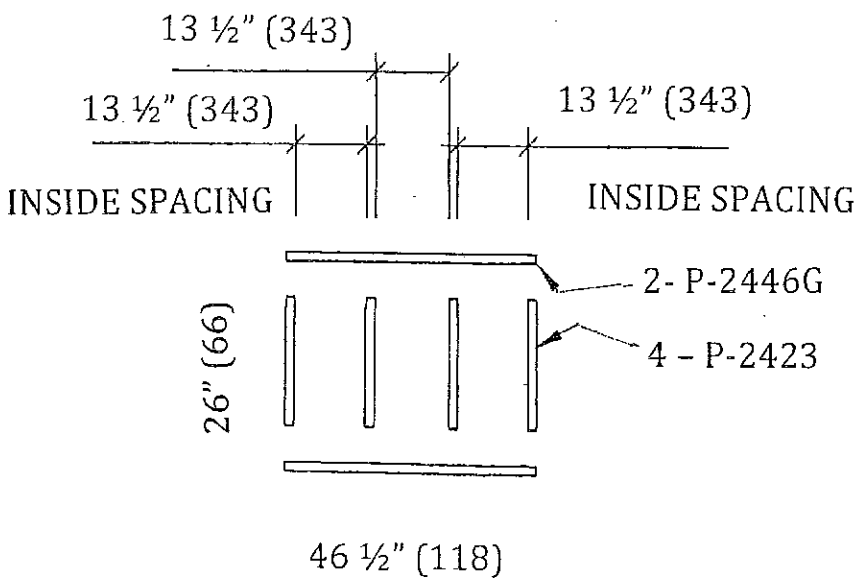


Fig. P11-3

JOIST BOX ASSEMBLY

Lay the joist parts out as per Fig. P12-1. Using 2-3" screws per joist assemble the joist box together as per Fig 12-2. The completed joist box is pictured in Fig. P12-3.



46 1/2" x 26" floor panel layout

Fig P12-1

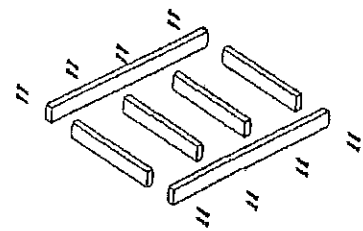


Fig P12-2

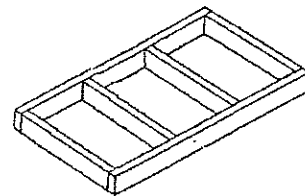


Fig. P12-3

FLOOR ASSEMBLY

Attach P-11 and P-12 joist boxes together using 6-3" screws. Please refer to Fig F1 and F-2 for details.

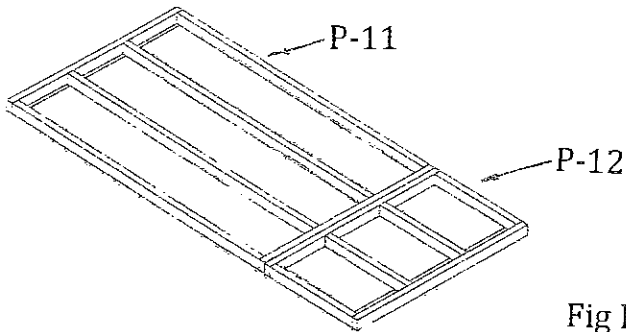


Fig F-1

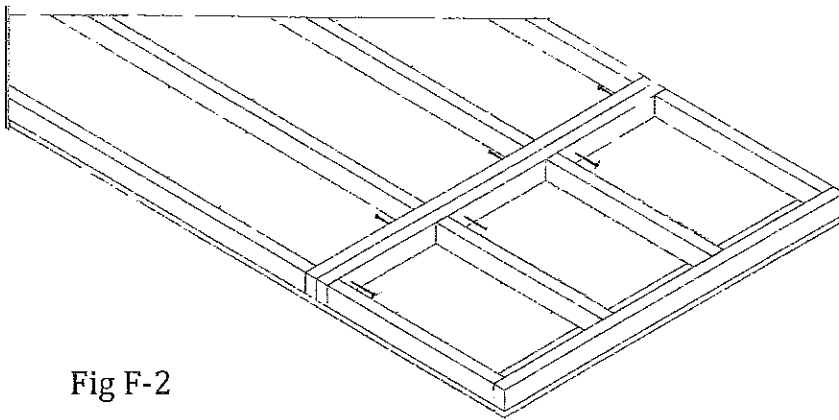


Fig F-2

Affix the plywood panels as per Fig. F-3 using 2" screws on 12" and affixing the plywood to each row of joist. The finished floor is shown in Fig F-4.

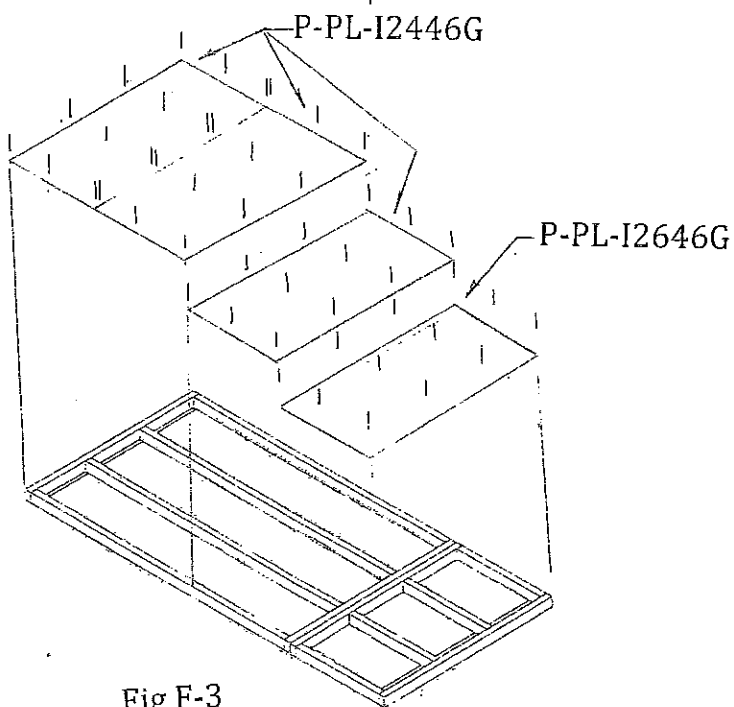


Fig F-3

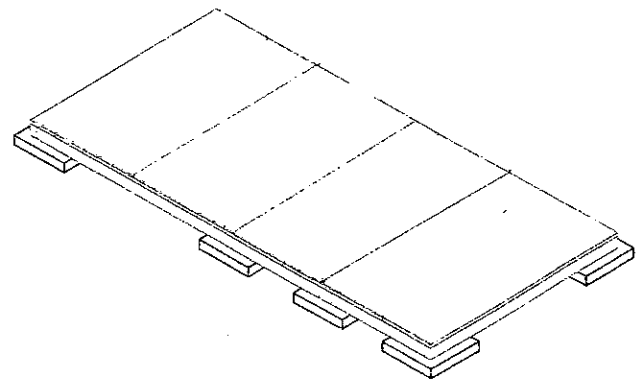


Fig F-4

3. Wall Assembly

Revised 01/31/07

- Continuing installing all panels except for the door panel, in desired positions using 5 - 3" screws to attach each of the panels together and 3 - 3" screws to attach to the floor.

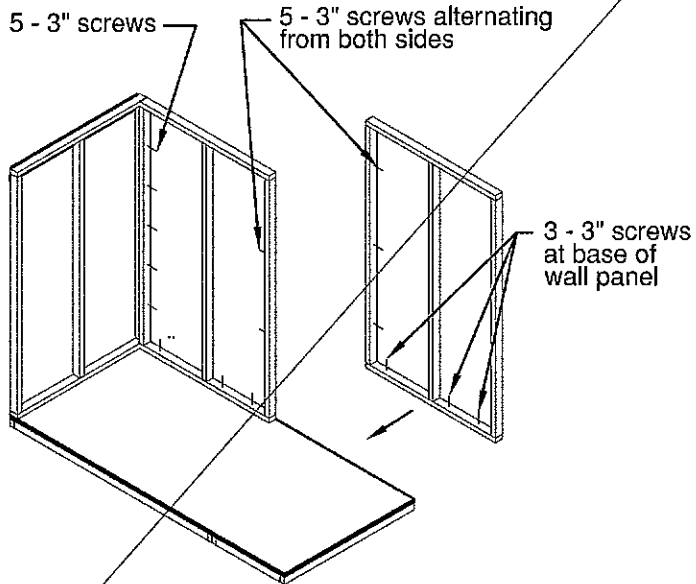


FIGURE S7

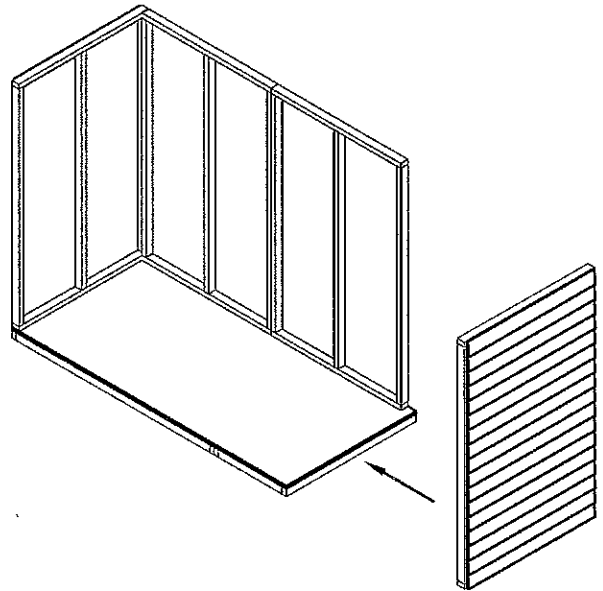


FIGURE S8

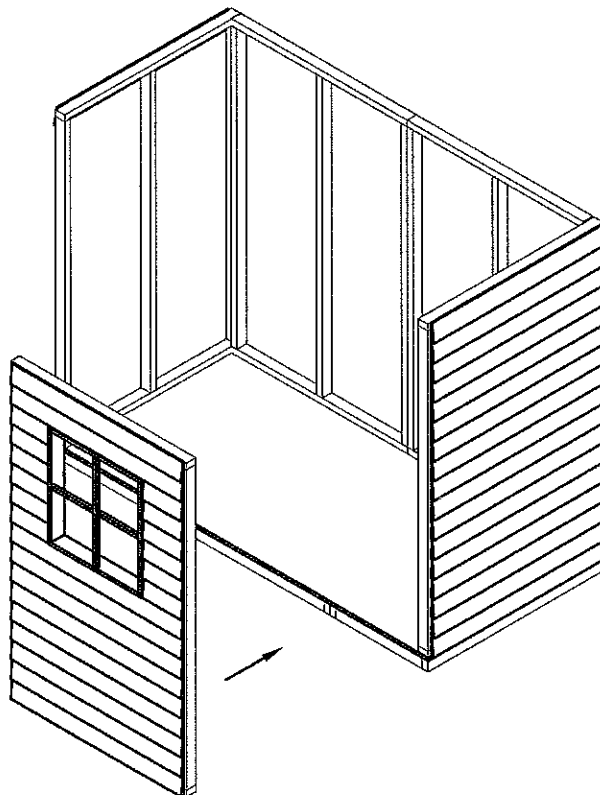


FIGURE S9

3. Door Hinge Installation

Revised 01/31/07

- Before installing door panel, the hinges need to be mounted. The Dutch Door is made as a right or left hand opening. Attach the hinges accordingly. In the illustration below we have chosen a left hand opening configuration. Make sure there is an $\frac{1}{8}$ " [3mm] gap at the top of the door, between the top and bottom halves of the Dutch doors, and of the non hinge vertical edge of the door. See Figure 11 below for details. These gaps will allow the door to open freely. Use the $\frac{1}{16}$ " drill bit to pre-drill the holes before installing the hinges.
- Now remove the door cleat and affix door panel into place using 10 - 3" screws to attach the adjoining panels.

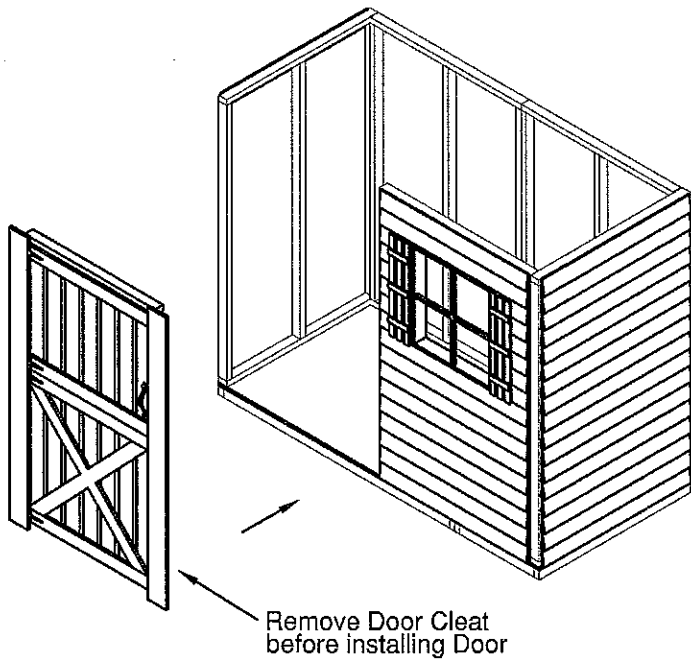
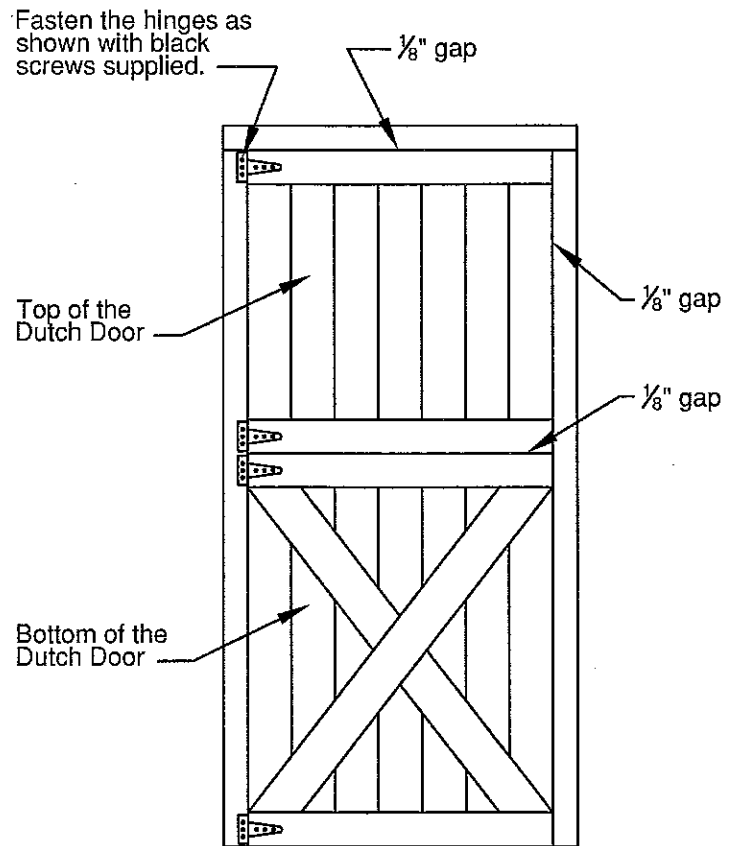


FIGURE S10



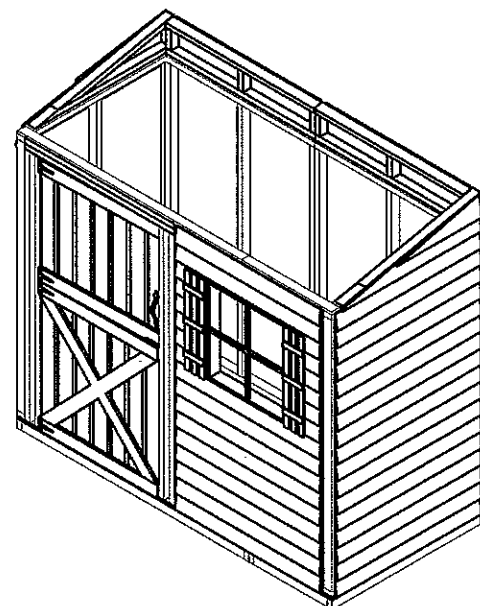
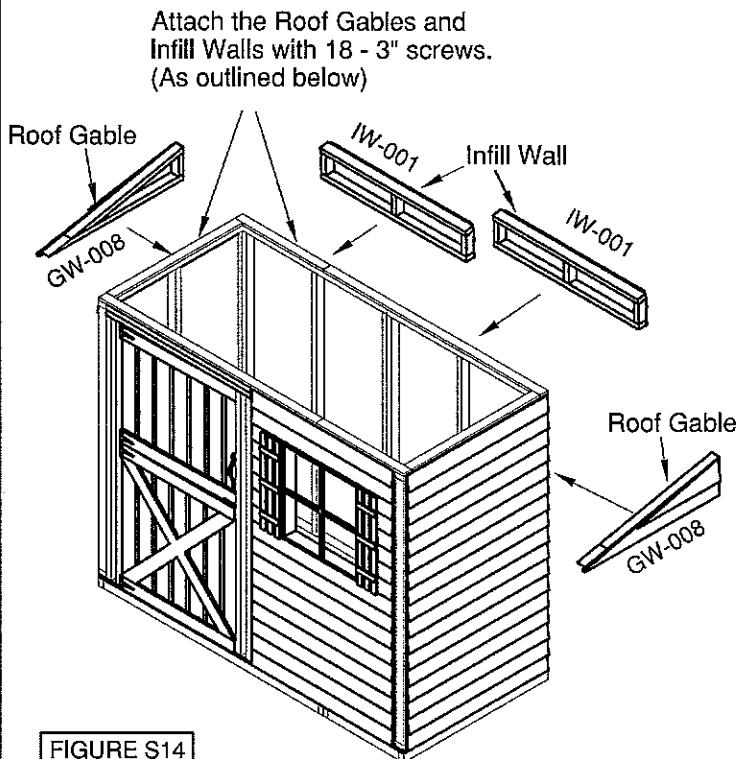
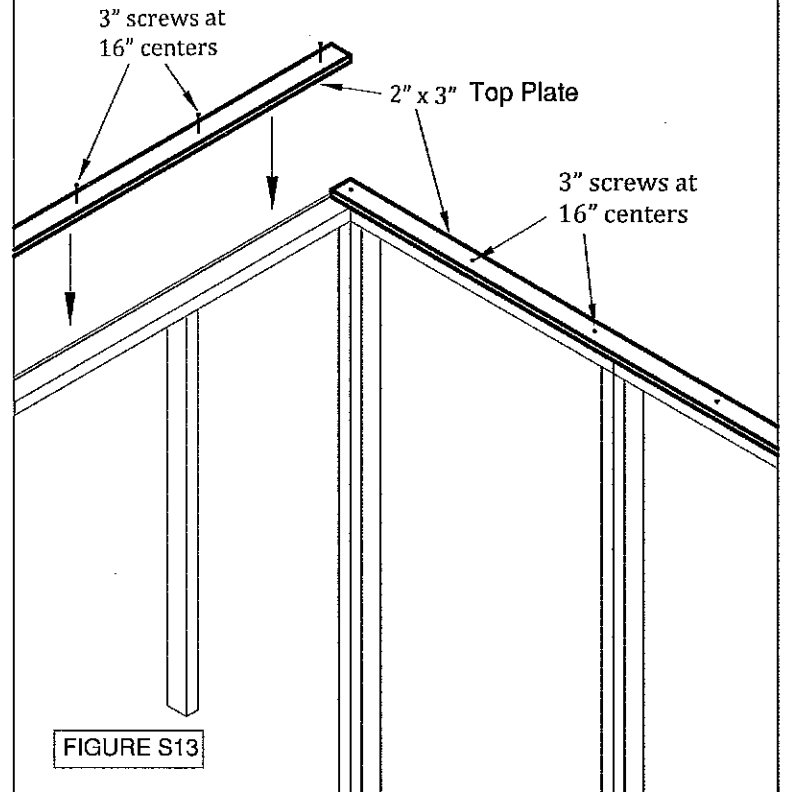
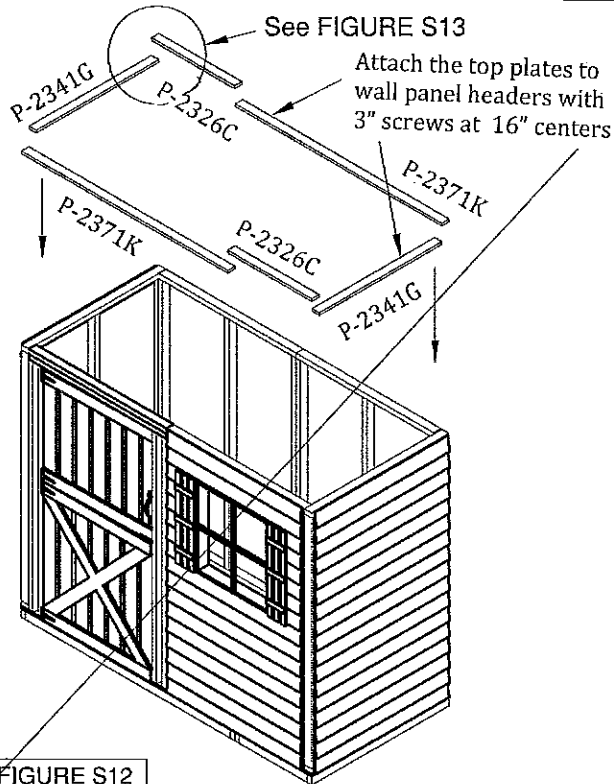
OUTSIDE VIEW

FIGURE S11

3. Wall Assembly

Revised 01/31/07

- When all the Door and Wall Panels are standing, you will now attach the Top Plates (FIGURE S12 & FIGURE S13)
- When all the Walls and Top Plates are in place, you will now attach the two Roof Gables and the two Infill Walls with 3" screws (FIGURE S14 and FIGURE S15). Use 2 - 3" screws to attach gable and infill walls together at each joint and use 3 - 3" screws to attach each gable and infill wall to top of the walls,



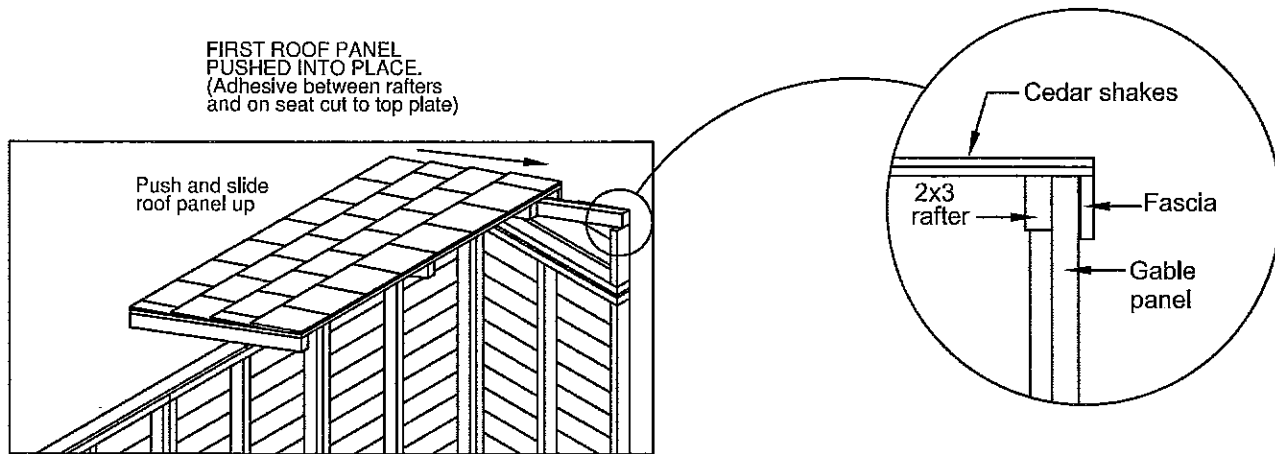
4. Roof Assembly

Revised 01/31/07

- Slide first roof panel into place. Use 3 - 3" screws to attach to gable wall.
- Slide next roof panel into place, using 3 - 3" screws attach to opposite gable wall and an additional 3 - 3" screws to attach to adjoining roof panel.

NOTE:

The end gable fascia boards indicates the left and right of each roof panel. You may need to adjust the panels until the fascia line up properly.

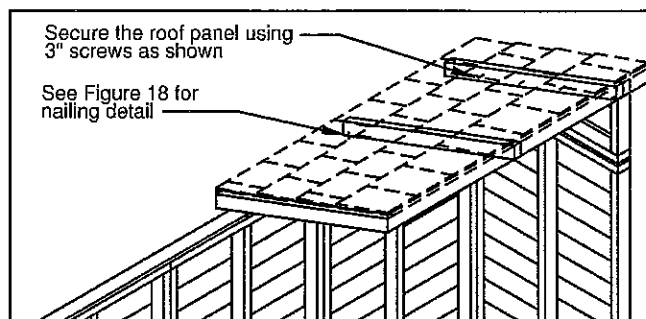


NOTE:

The above diagram, the back wall and infill panels are removed for clarity.

FIGURE S16

Using 3" screws affix the roof rafters to the top plates of the front and back walls. See Figure S19 below for nailing details.



NOTE:

The above diagram, the back wall and infill panels are removed for clarity.

FIGURE S17

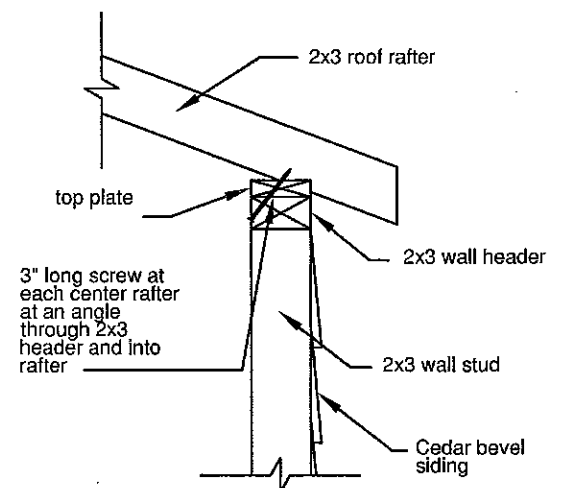


FIGURE S18

4. Roof Assembly

Revised 01/31/07

- When complete, take the Metal Flashing Shingles and slide them one by one between the rows of Cedar Shingles along the Roof Panels Joints (FIGURE S19)

Slide Metal Flashing under each row of cedar shingles up the full length of the Roof Joint Seam.

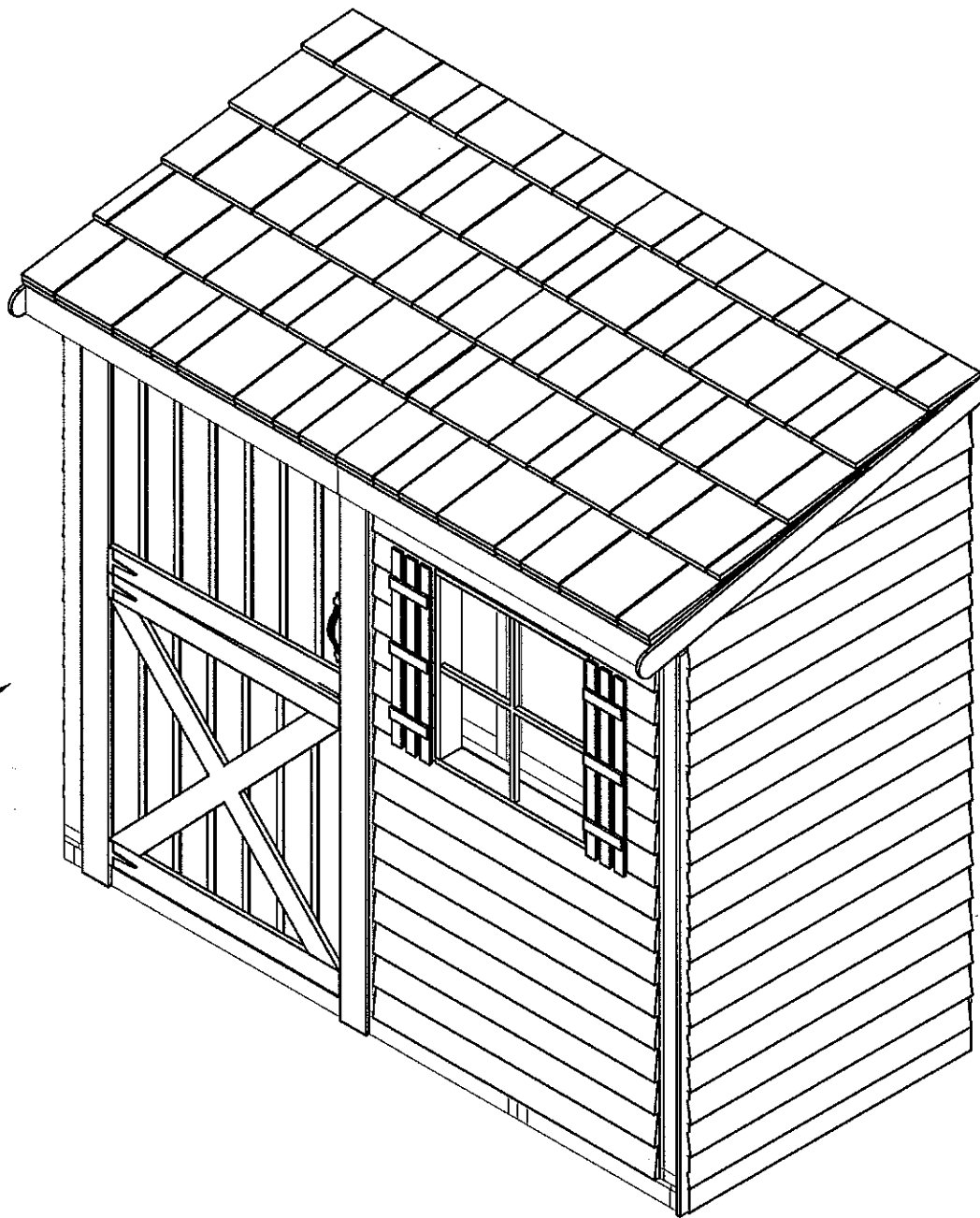
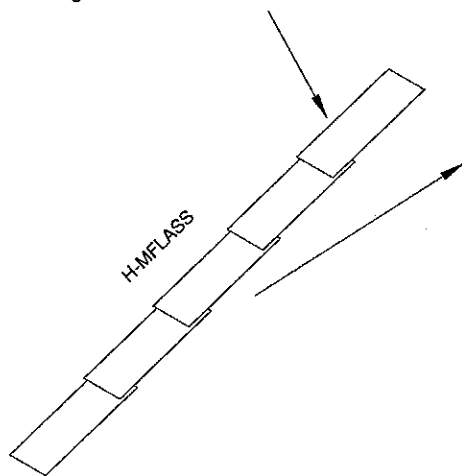


FIGURE S19

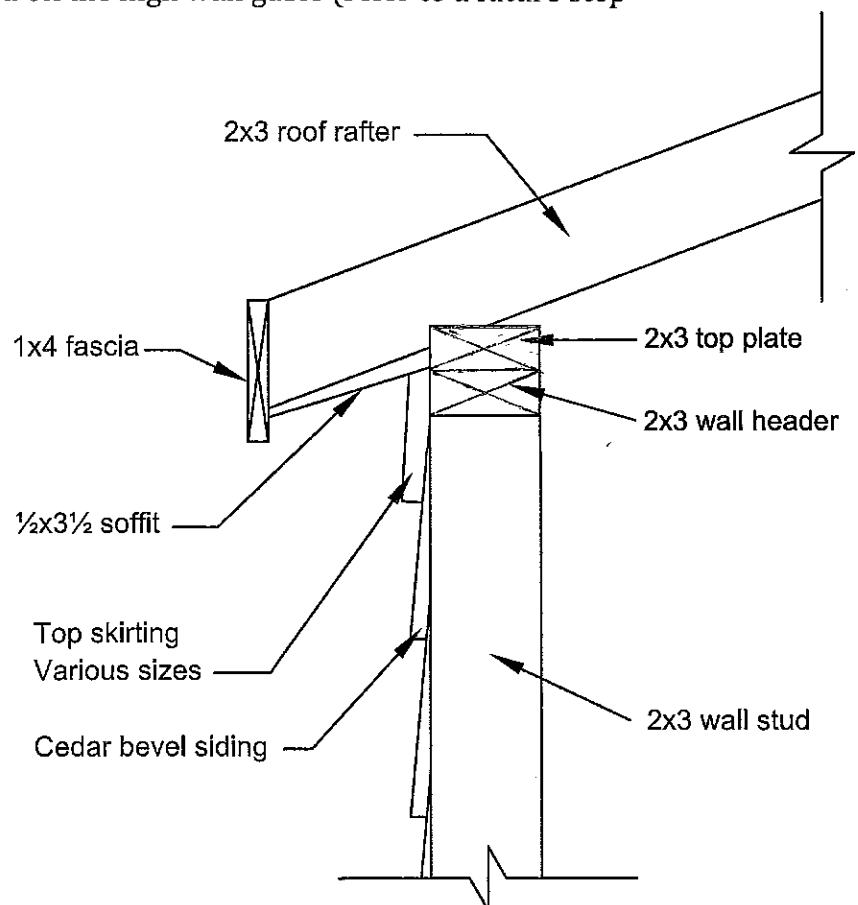
5. Trim Board Installation

1. Shown here is a cross-section diagram showing how the soffits and fascia would appear after they have been applied.
2. All trim is minor bundled for easy identification.
3. ALL TRIM BOARDS SHOULD BE APPLIED WITH THE ROUGH (OR WHAT IS NORMALLY REFERRED TO AS THE RESAWN FACE) FACE EXPOSED. As you will note the cedar plywood face of the shed is also a resawn texture. This is done to allow the cedar fibre to better accept the stain, so to better protect your trim pieces they should also have the resawn exposed.
4. IT IS ALSO RECOMMENDED THAT A GOOD LATEX CAULK BE APPLIED TO THE SEAMS BETWEEN WALL PANELS. THIS HELPS TO KEEP ANY WATER OUT THAT MAY SOAK IN UNDER THE TRIM BOARDS.
5. 1 - $\frac{3}{4}$ " x 1 $\frac{1}{2}$ " x 89 $\frac{1}{2}$ " (P-1289G) trim board needs to be cut to 1 - 79 $\frac{1}{4}$ " (P-1279C) and 1 - 10 $\frac{1}{2}$ " pieces. The P-1279C trim will be used as a trim board on the wide low side of the shed. The 10 $\frac{1}{2}$ " will be used on the gable panel above the door (refer to future steps for trim details B & C)

Altering trim boards if door is located on the wide high side of the shed.

This trim cutting is in addition to the noted cut required.

1 - $\frac{3}{4}$ " x 3 $\frac{1}{4}$ " x 89 $\frac{1}{2}$ " (P-1289C) trim board needs to be cut to 1 - 79 $\frac{1}{4}$ " (P-1279C) and 1 - 10 $\frac{1}{2}$ " pieces. The P-1279C trim will be used as a corner trim on the narrow low wall. The 10 $\frac{1}{2}$ " piece will be used on the high wall gable (refer to a future step for trim detail C).



Here is the order they should be applied,

1. Soffit (smooth both sides)
2. Corner trim (resawn face out)
3. Gable trim (resawn face out)
4. Fascia (resawn face out)

(Detailed diagrams on following pages)

5. Trim - Soffit

Revised 02/03/07

- There are two pieces of soffit to be attached on the low wide side of the shed. Using 2 - 1 $\frac{3}{4}$ " nails for each end of the soffit and 1 - 1 $\frac{3}{4}$ " nail for the center of each soffit attach the soffit to the underside of the rafter ends. For details refer to Figure S20 below.

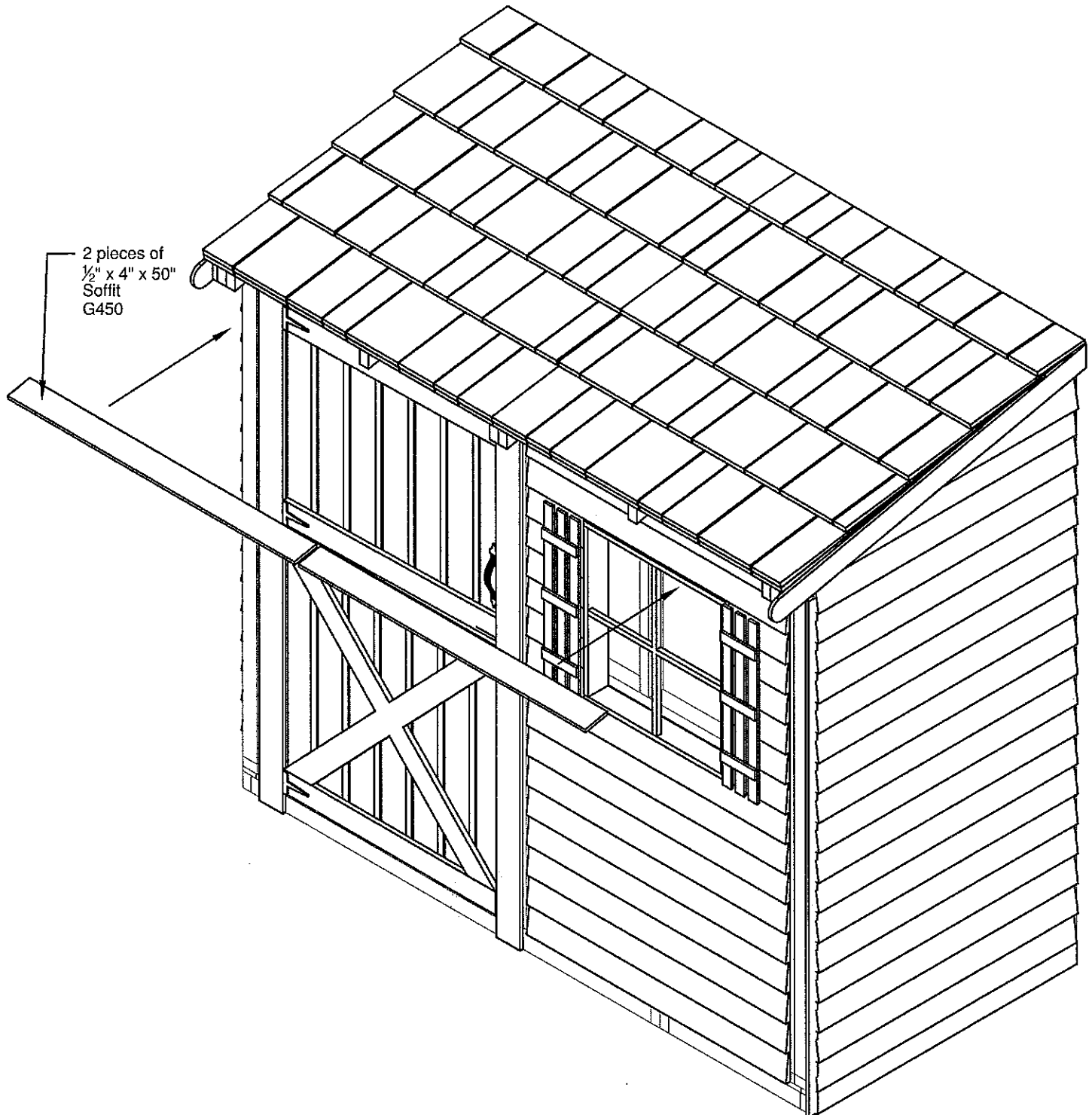
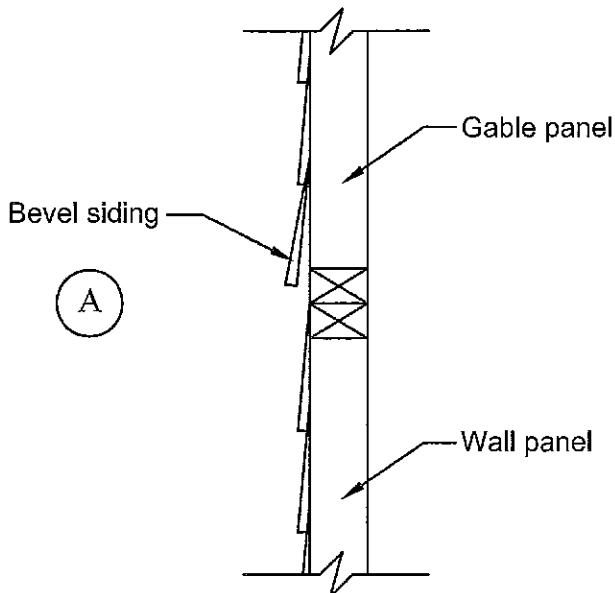
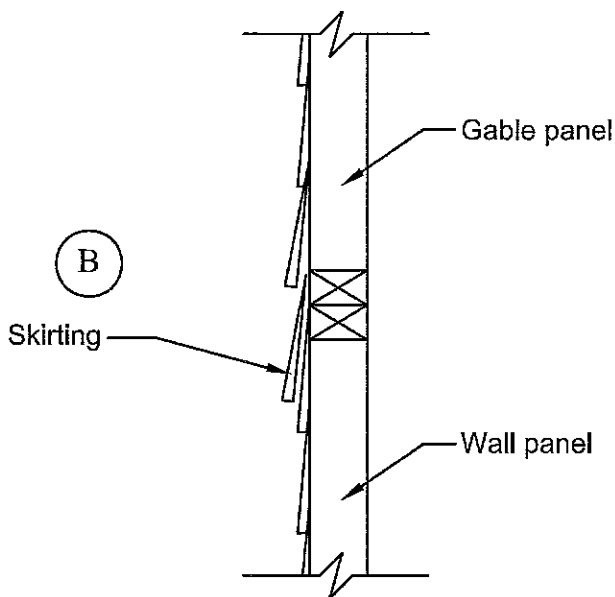


FIGURE S20

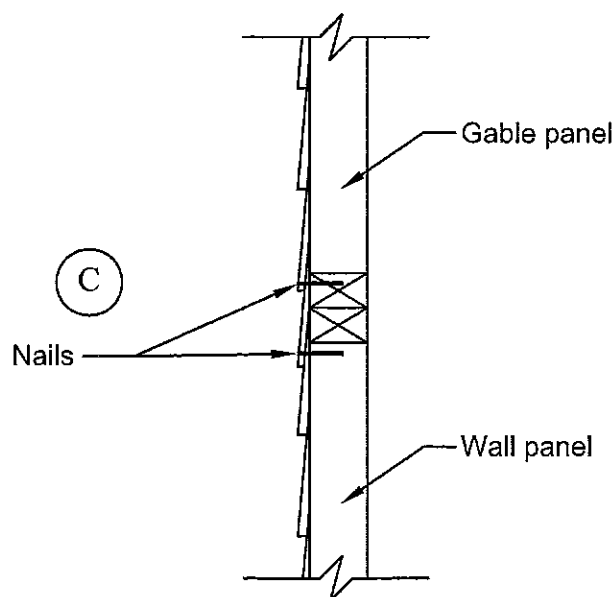
INSTALLING THE TOP SKIRTING AT GABLE AND HIGH WALL PANELS



Pry the last horizontal bevel siding piece on the bottom of the gable panel slightly. Do not use too much force or the bevel siding will break.



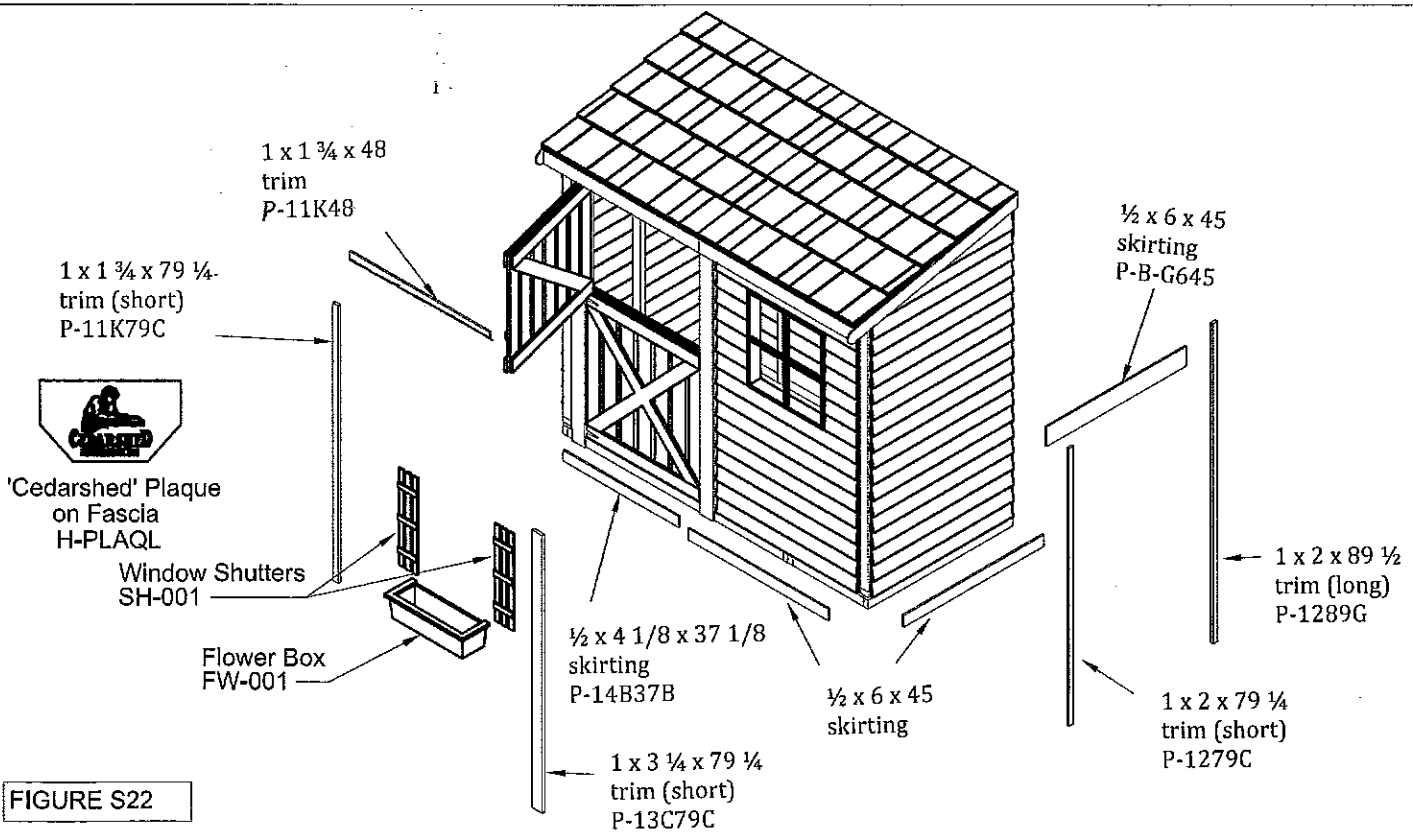
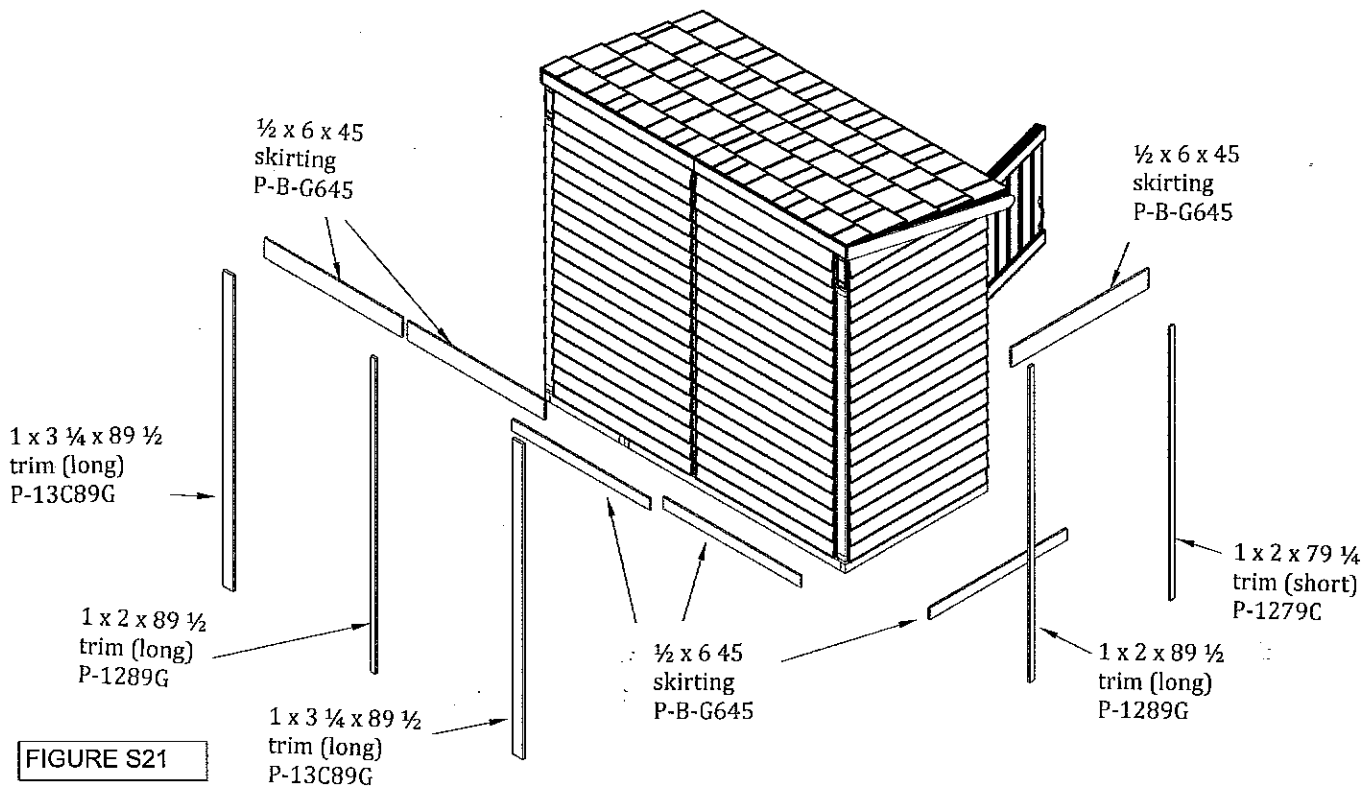
Slide in the skirting, behind the bevel siding as shown on diagram (B)



Nail the skirting piece through the bottom of the above piece of the bevel siding and through the bottom of the skirting piece as shown on diagram (C)

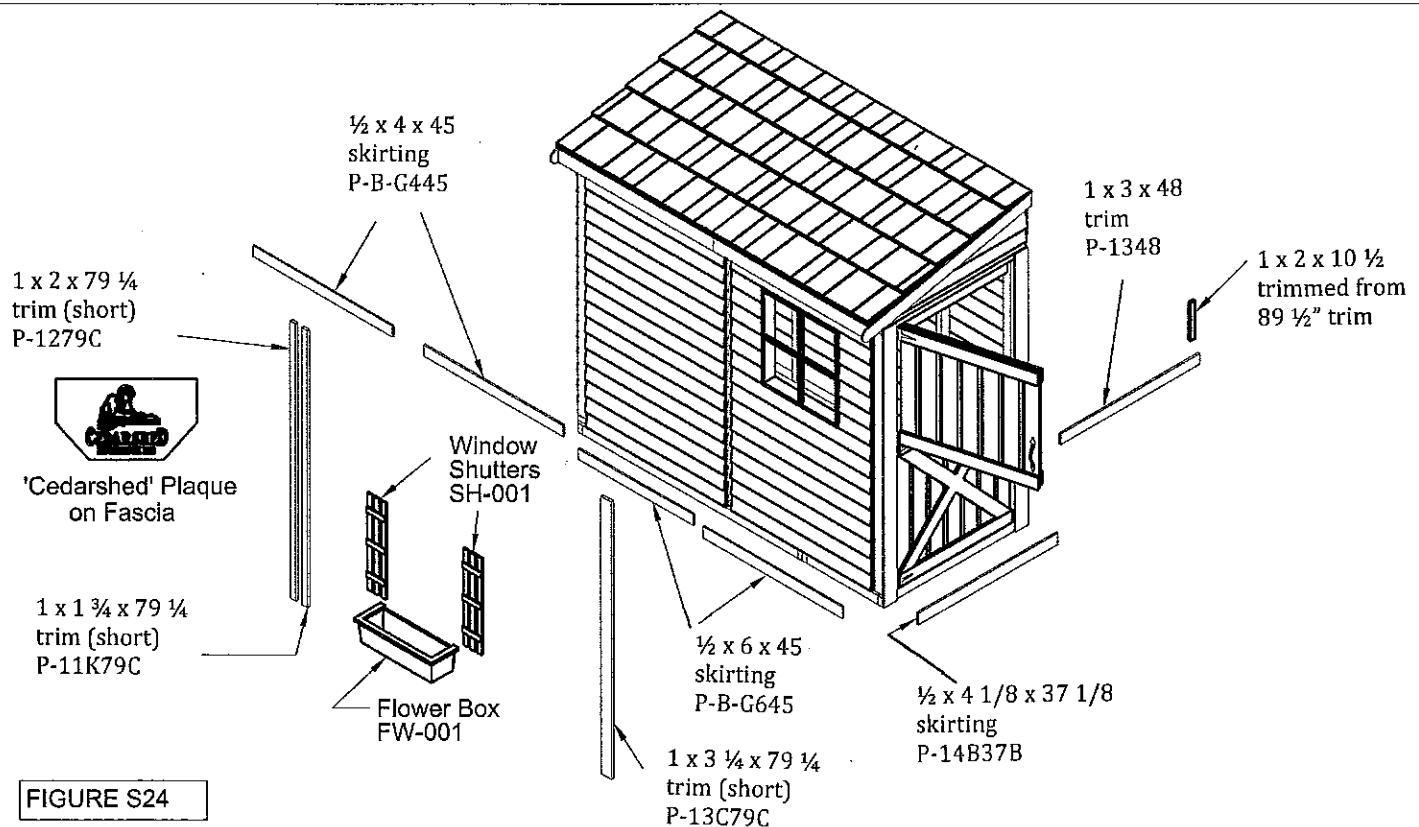
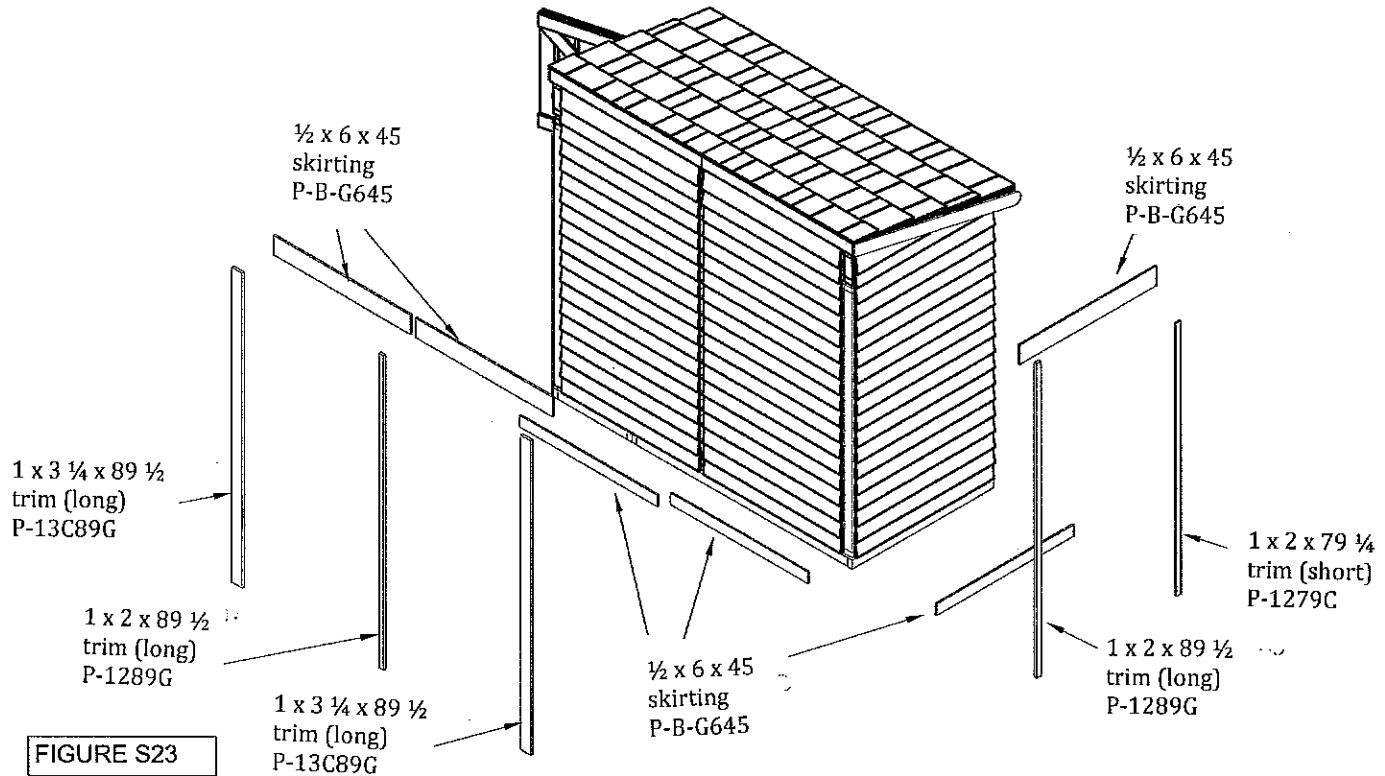
5. Trim - Detail "A" Door Located on Low Wide Wall

- Install all Exterior Trim, Corner Boards, Top and Bottom Skirting, Cedarshed Plaque, Soffit Boards, Fascia etc. with 1-3/4" finish nails at 12" centers (FIGURE 21 and FIGURE 22).



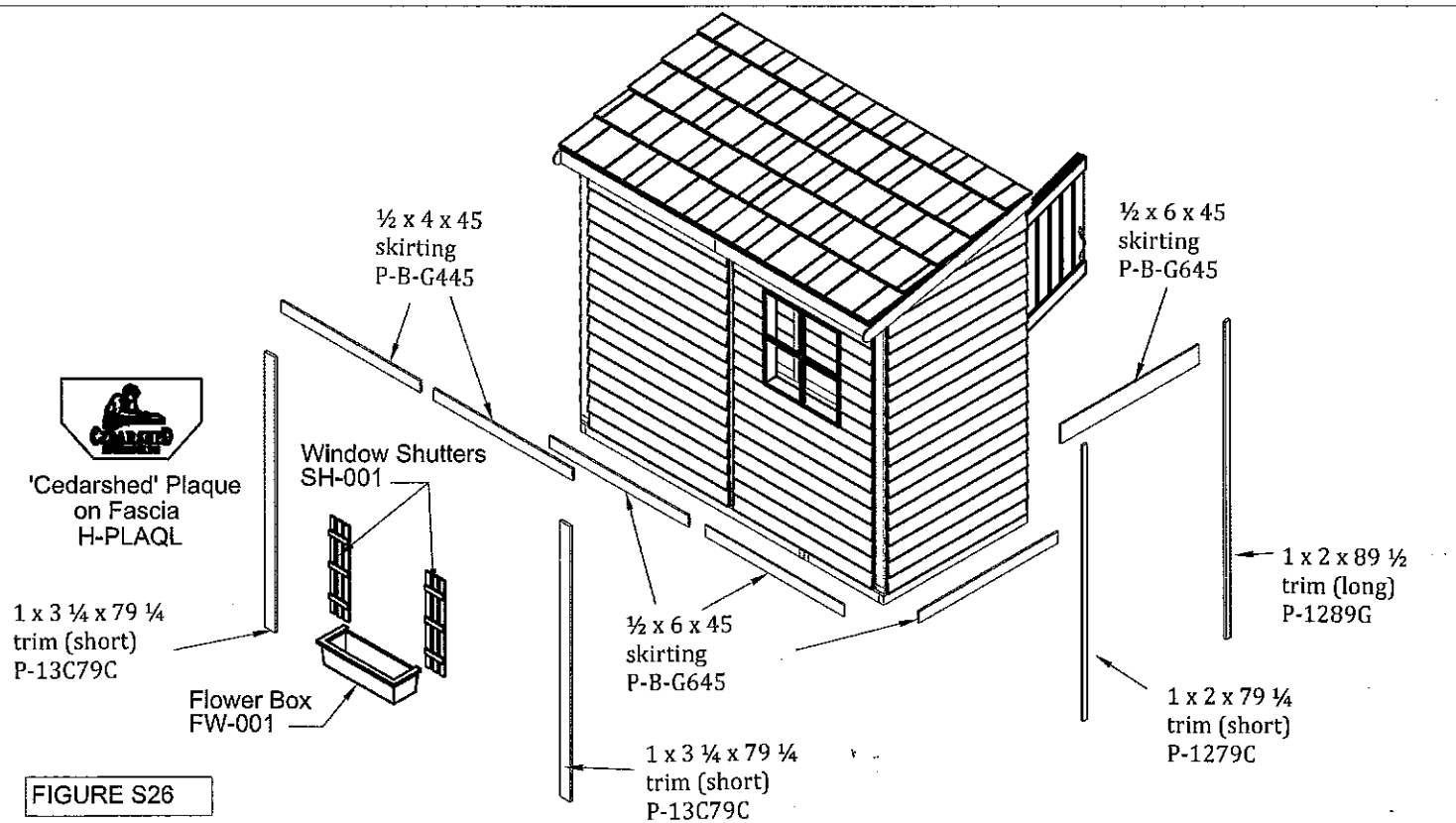
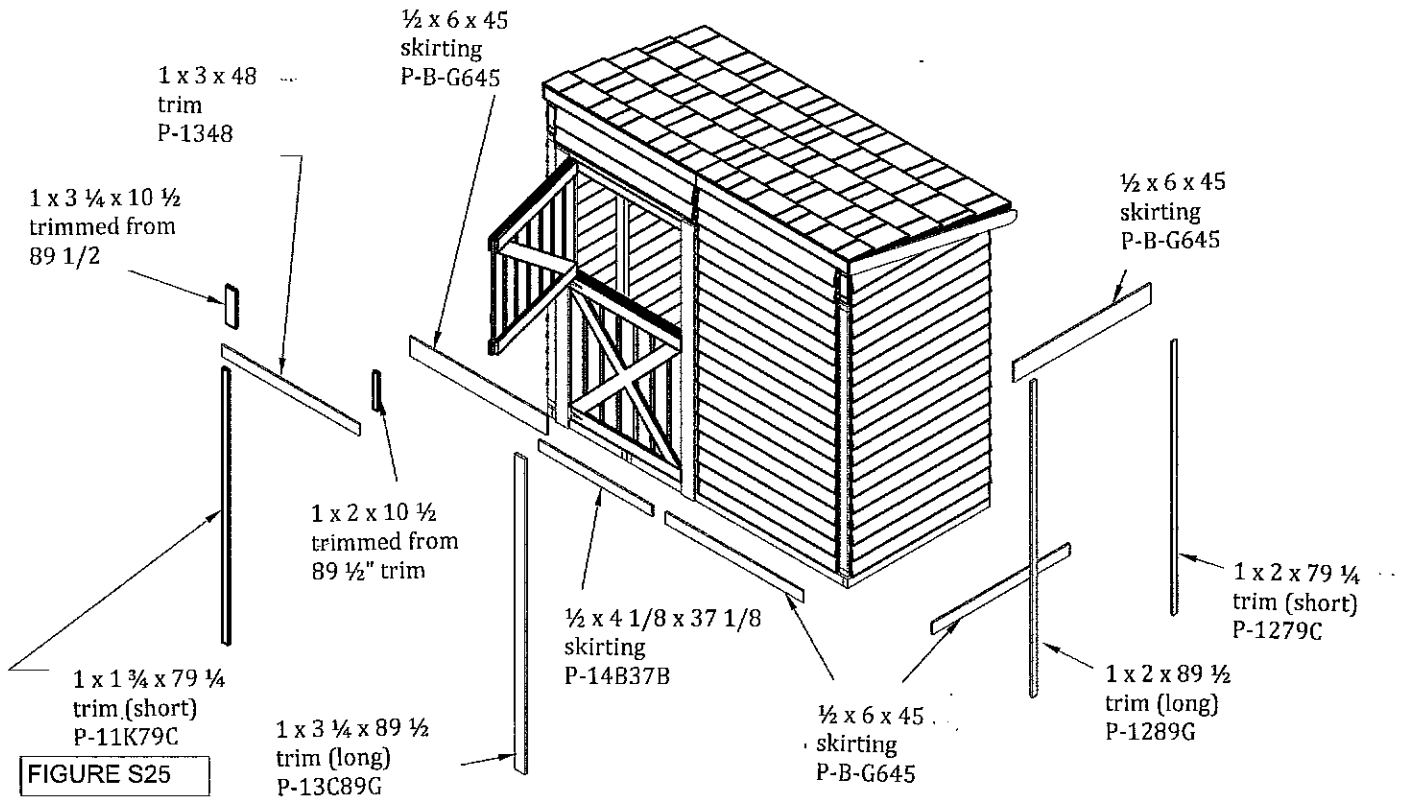
5. Trim - Detail "B" Door Located on Either Narrow End of the Shed

- Install all Exterior Trim, Corner Boards, Top and Bottom Skirting, Cedarshed Plaque, Soffit Boards, Fascia etc. with 1-3/4" finish nails at 12" centers (FIGURE 23 and FIGURE 24).



5. Trim - Detail "C" Door Located on High Wide Wall

- Install all Exterior Trim, Corner Boards, Top and Bottom Skirting, Cedarshed Plaque, Soffit Boards, Fascia etc. with 1-3/4" finish nails at 12" centers (FIGURE 25 and FIGURE 26).



5. Trim - Fascia

Revised 02/03/07

- Installing the 4 pieces of fascia. Use 2 - 1 $\frac{3}{4}$ " nails to affix each end of the fascia boards and 1 - $\frac{3}{4}$ " nail to affix the middle of the fascia boards to the rafter ends.

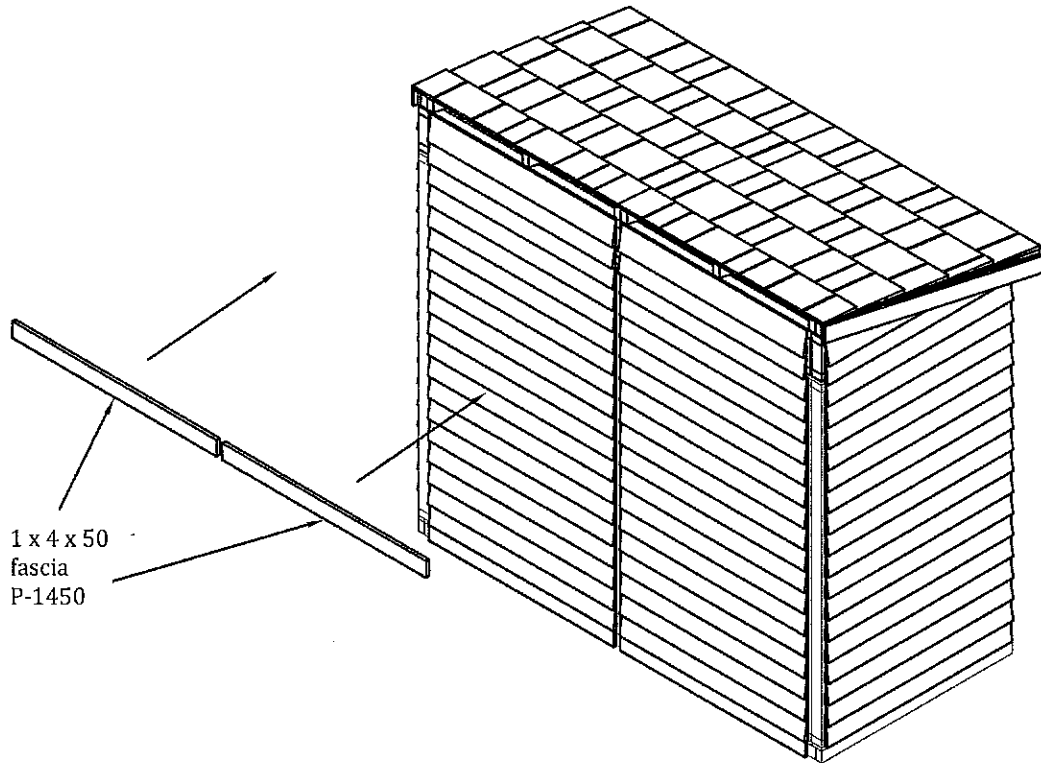


FIGURE S27

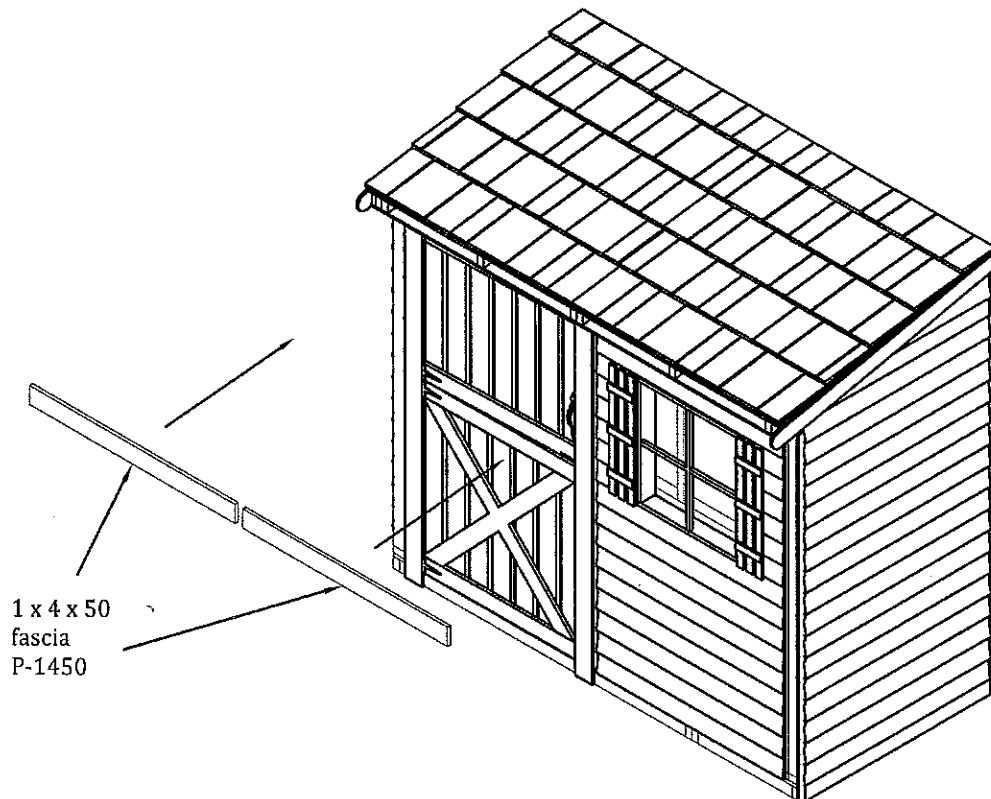


FIGURE S28

6. Door Hardware Installation

Revised 06/15/07

- Pre-drill the holes before mounting the handles, barrel bolts and hasp, using $\frac{1}{16}$ " drill bit. There is a barrel bolt supplied for you to mount on the inside which allow you to keep both halves together.

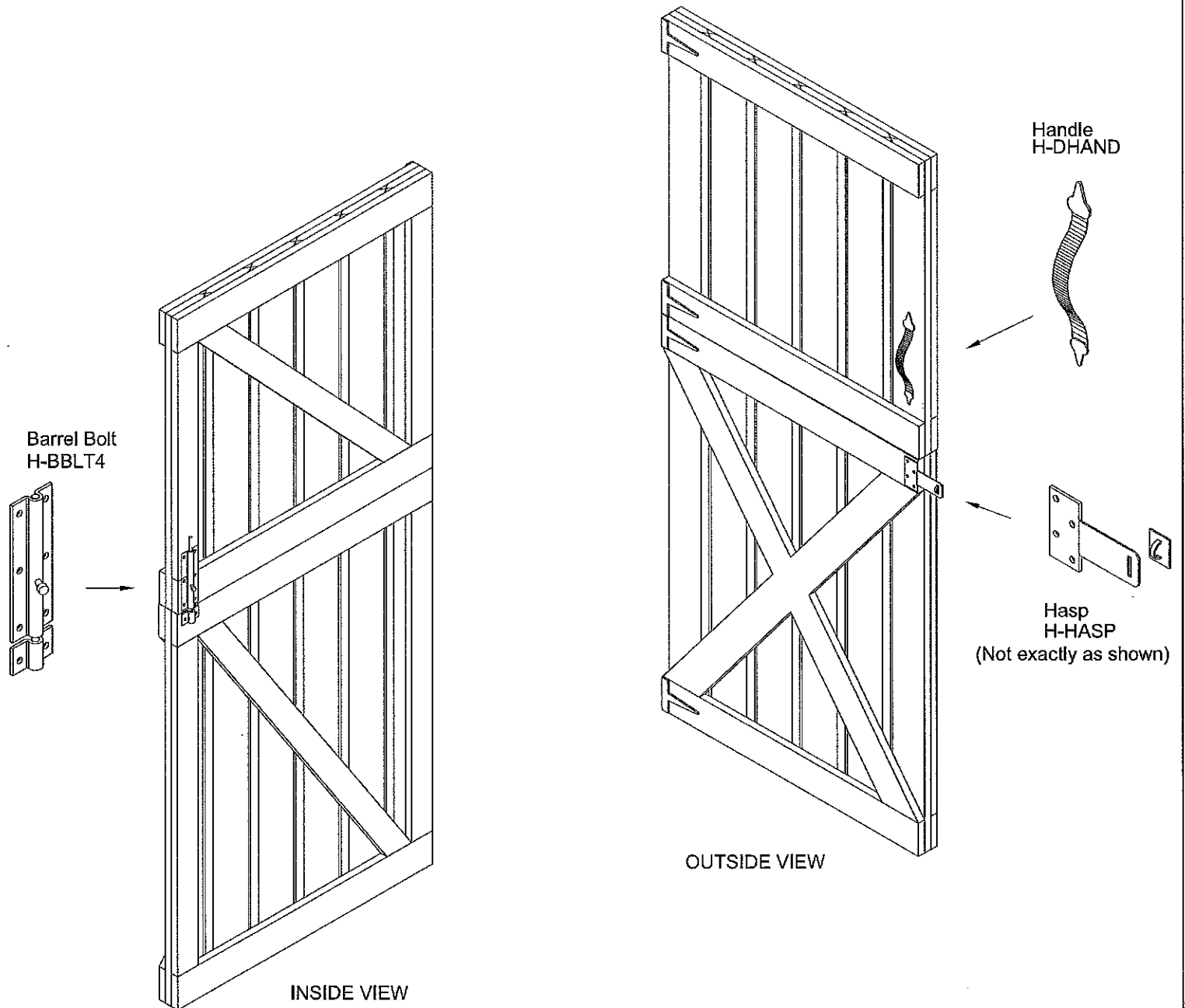


FIGURE S29

- Attach the shutters with 1 3/4" finishing nails. Pre-drill the shutters with the 1/16" drill bit. See Figure S30.
- The planter box is fasten with 3" screws which are affixed through the 1x2 batten trim under the window and into the stud. See Figure S31 for details.
- Attach plaque with finishing nails. Rectangle shape plaques is attached to front fascia. See Figure S32.

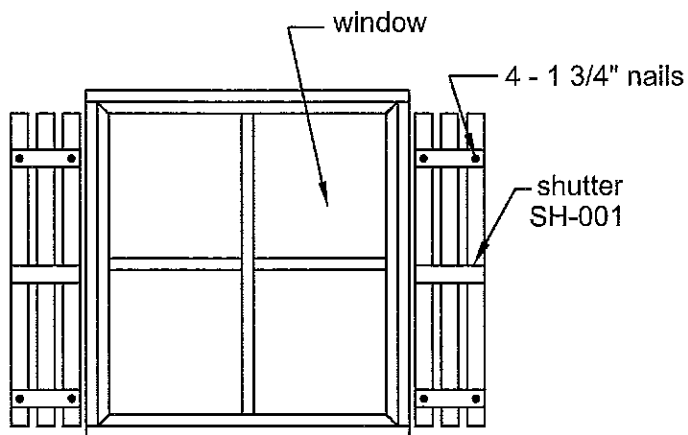


FIGURE S30

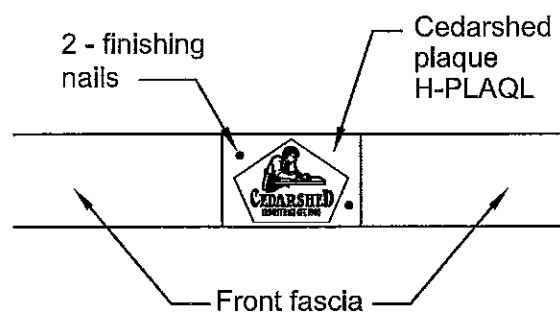


FIGURE S32

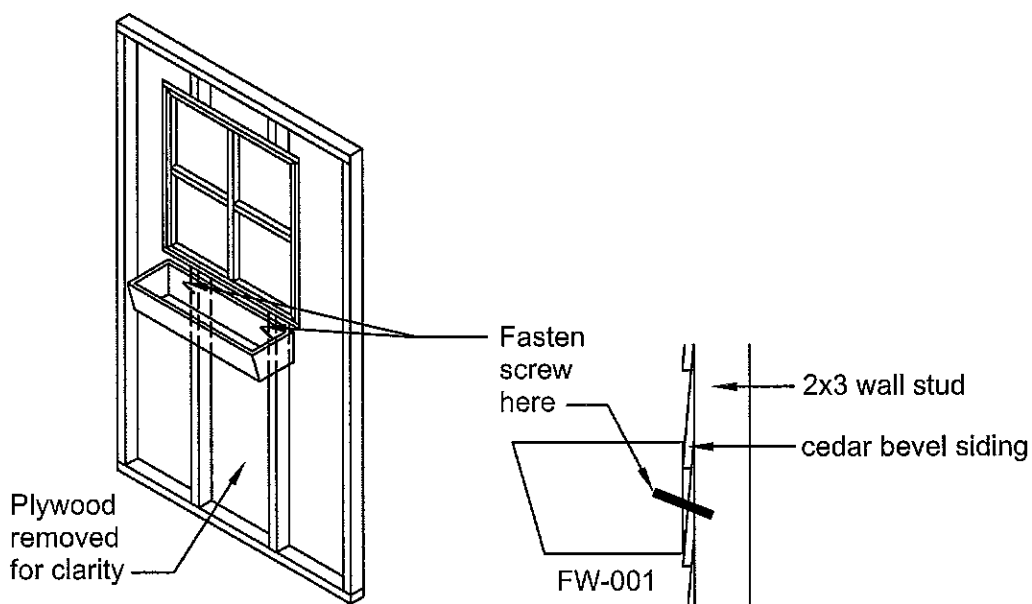


FIGURE S31

CONGRATULATIONS

You have just successfully completed the construction of your Cedarshed Building. Thank you for choosing a Cedarshed Product. We hope that your entire experience was a rewarding one and that you will have years of enjoyment with our product.

By completing our questionnaire and mailing a picture of your finished Cedarshed product, we will send you a personalized plaque free of charge that you can mount on your building (max. 36 letters). Don't forget to enter our 'Best Picture Contest'. Refer to Questionnaire for details.

Please refer to the questionnaire or call Cedarshed if you require additional information.

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