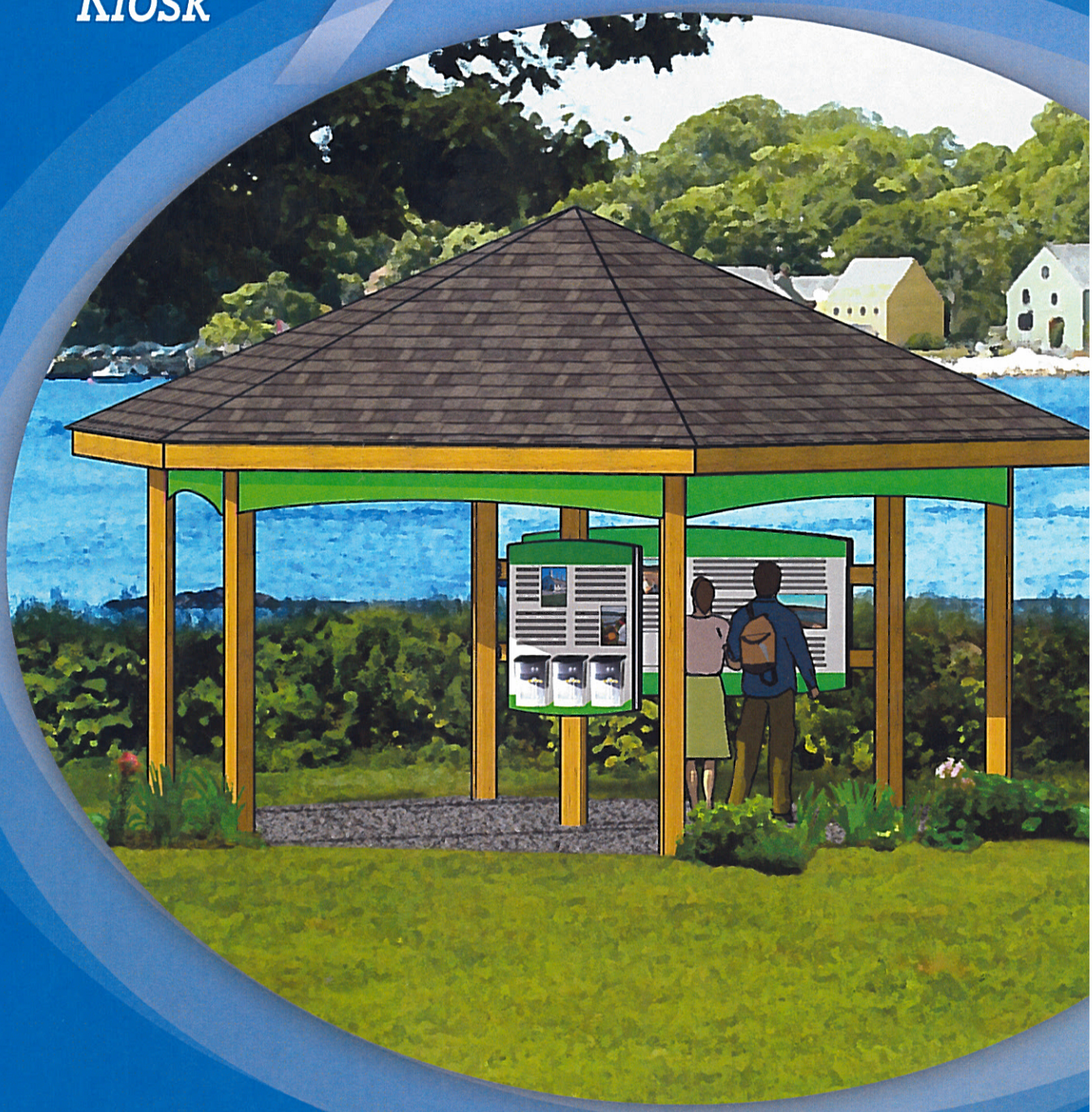
How To Create A **COMMUNITY VISITOR INFORMATION KIOSK**

Large Visitor Information Kiosk



Submitted by form:media

Table of Contents

Introduction

The province of Nova Scotia's Department of Tourism, Culture and Heritage have developed a series of 'How-To' Kits to assist groups with the fabrication and installation of information kiosks within their community. The kiosk described within this manual is intended to provide visitors with important and unique information about the community. These kiosks should be installed near places of interest or viewscapes.

This manual provides construction criteria and location recommendations that interested parties should bear in mind when undertaking such a project. All the materials specified herein are suggestions based upon availability and durability. Although you are not restricted to these elements, using alternative materials, kiosk design modifications, colours and finishes should be considered with these criteria in mind.

To achieve a level of diversity and individual community expression, this kiosk design is intended to be flexible. The creative use of colours, natural finishes such as wood, metals and other high quality construction materials are encouraged to reflect the uniqueness of your community.

Installation Considerations

Prior to commencing with your kiosk fabrication, it is important to consider the following items to determine its location.

1. **Visibility**

   Through providing information and direction to people unfamiliar with your community, the kiosk's purpose is to ensure they have the best possible visitor experience. To this end, it should be located at a highly visible location, frequented by visitors.

   This could be at a main road intersection, the entrance to your community, or a well-known local attraction. If possible, it would be advantageous to locate the kiosk near public facilities such as washrooms.

2. **Safety**

   The user's safety is paramount when considering the kiosk's location. For both security and visibility, it is important to install the kiosk in a well-lit area. Additionally, kiosk patrons should always be visible to vehicular traffic. If parking is desired and there is available space for this amenity, it should be located on the same side of the road as the kiosk.

   If the kiosk is to be located in a high traffic area, it is important that there is enough space to allow vehicles to safely pull off the road and use the kiosk. For additional traffic safety guidelines, please refer to Appendix B of this manual.

3. **Land Ownership**

   Before you begin construction, confirm the ownership of your kiosk's proposed site, and that you have permission to proceed with your project at this location. You will have to enter into a form of land use agreement with the owner, whether they are private or public. The type of agreement will vary depending upon the property owner. This permission must be received in writing, regardless of the landowner. This written record will be important if the landowner, municipality or community group members change in the future.

4. **Municipal and Provincial Regulations and Permits**

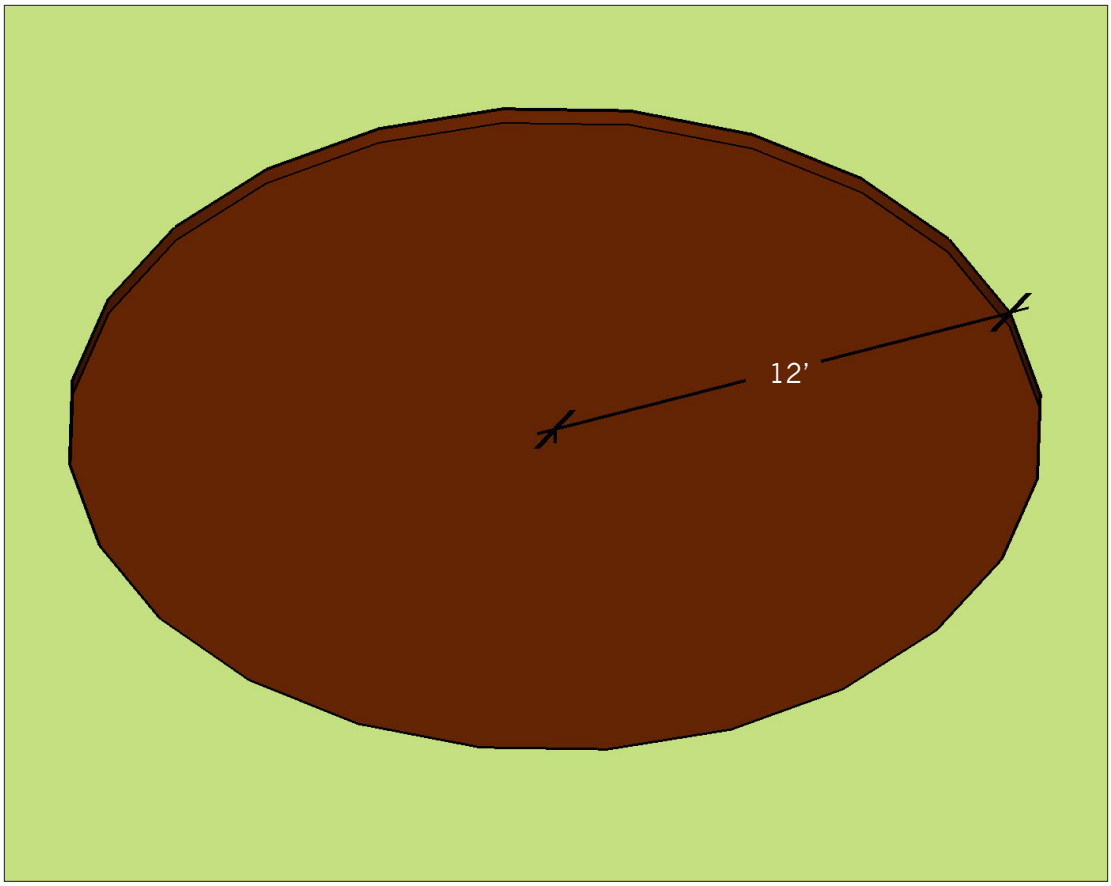
   Prior to construction, you must obtain approval and all required permits from your municipality's building department or official. Depending on the kiosk's location, approval from Nova Scotia's Department of Transportation and Infrastructure Renewal may also be required. You must confirm this prior to construction.

   The construction drawings in Appendix A have been stamped by a Professional Engineer. You must confirm with your municipality's building department or official if more certification is required.

   Your municipality and the province (if applicable) should also approve the kiosk's location before you begin work.

STEP 1

Kiosk Pad Excavation



1.1
To accommodate a gravel pad for your kiosk, excavate an area that is roughly 12’ in diameter.

1.2
The entire area should be a minimum of 6” in depth.

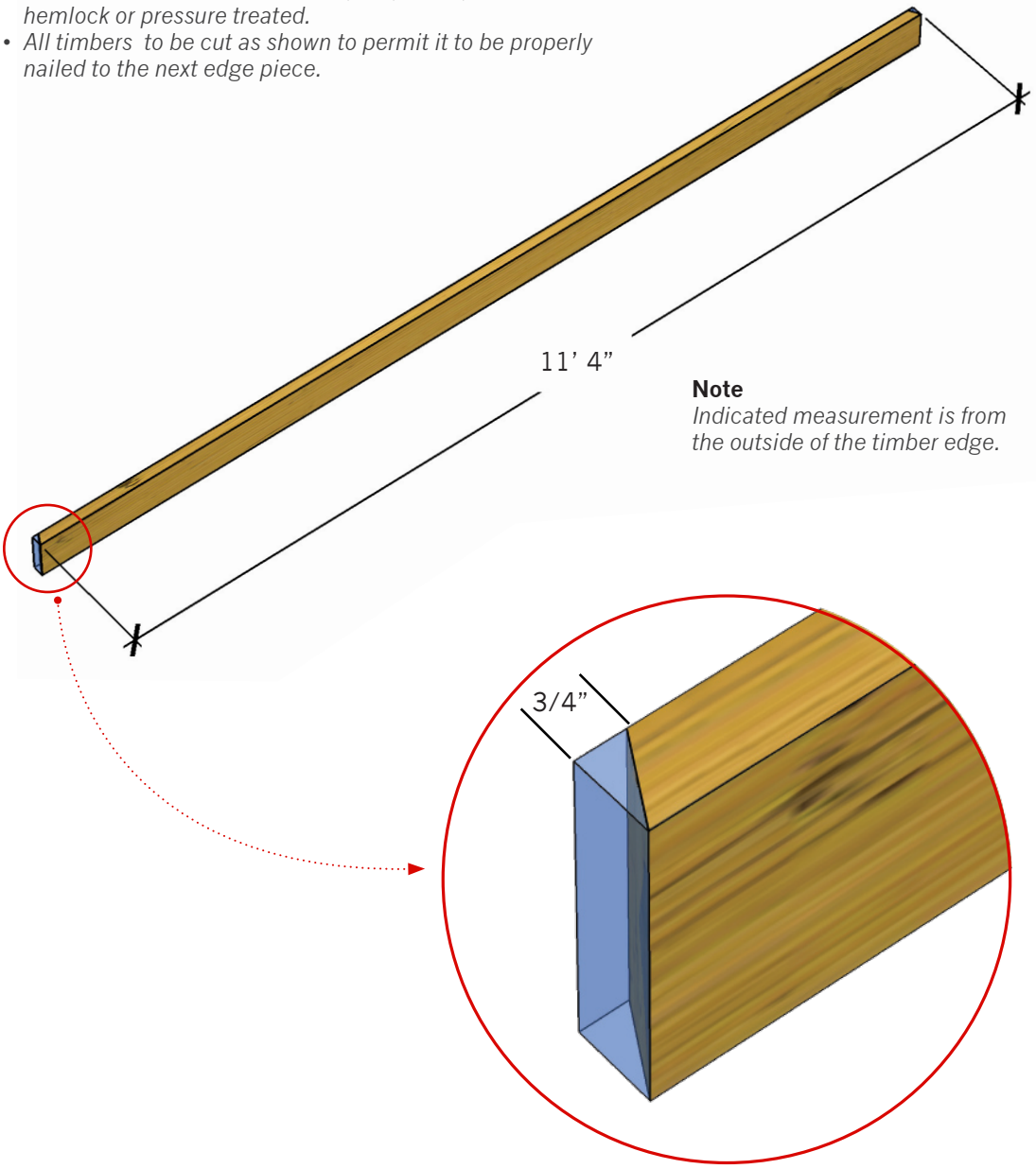
.

1.3
If you are having a concrete pad poured (see Appendix A), the excavated uniform depth must be 11” minimum.

Component

Kiosk Pad Timber Edge: Dimensions & Quantity
Material: rot–resistant, i.e. cedar, hemlock or pressure treated.
Dimensions: 2”x 6”
Quantity: 6

Notes:
- *Timbers to be rot resistant wood, i.e., cedar, hemlock or pressure treated.*
- *All timbers to be cut as shown to permit it to be properly nailed to the next edge piece.*



Note
Indicated measurement is from the outside of the timber edge.

PIECES

P1

The following materials are required to complete Step 2.

STEP 2

Timber Edge Placement

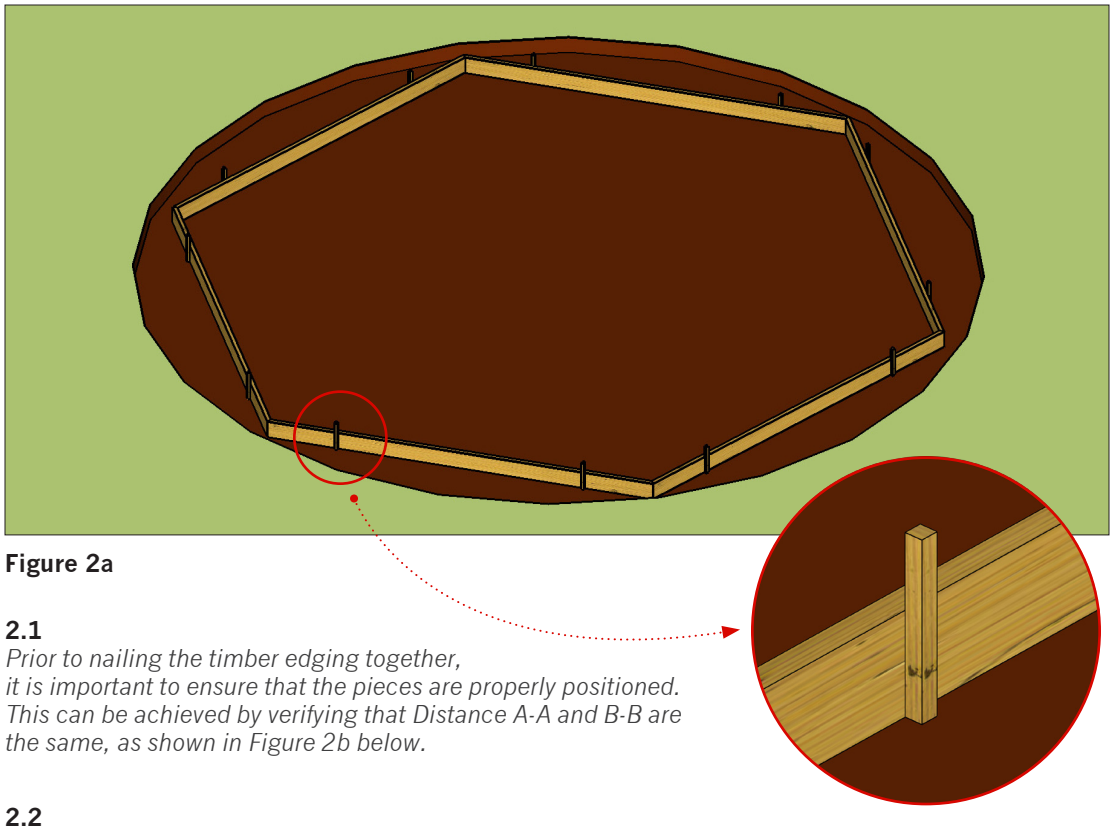


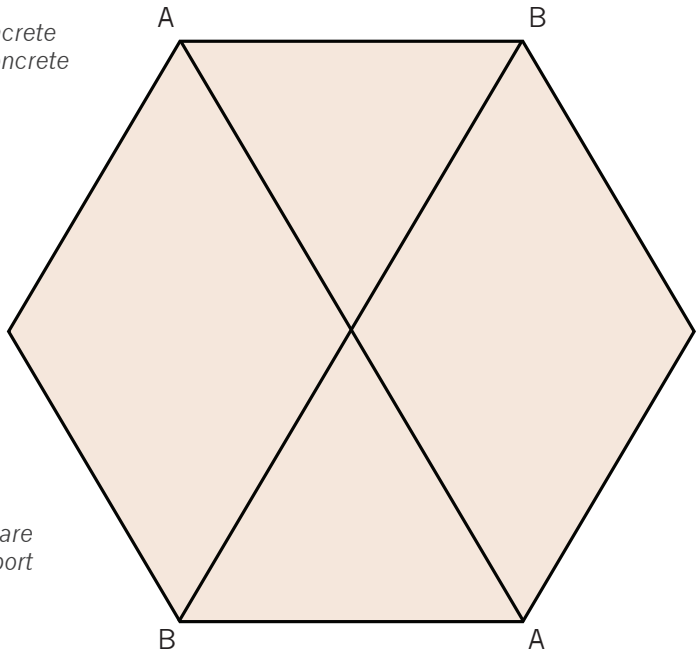
Figure 2a

2.1
Prior to nailing the timber edging together, it is important to ensure that the pieces are properly positioned. This can be achieved by verifying that Distance A-A and B-B are the same, as shown in Figure 2b below.

2.2
Place timber edge as indicated in Figure 2b. Hammer the timber ends together with 2" galvanized, spiral nails.

2.3
As illustrated in Figure 2a above, once the timber edging is properly positioned, hammer 2" x 2" x 2' wooden support stakes snug on the outside of each edge piece. Securely nail each stake to adjacent timber edge piece with 2" galvanized, spiral nails.

Figure 2b



2.4
This step can be used to construct concrete forms if you are if you are building a concrete pad, as per Appendix A.

Note:
Make sure that all timber edge pieces are level before they are nailed to the support stakes.

3.1
Attach stringlines as indicated in Figure 3a. Ensure that lines are taut. Stringlines should be attached to nails temporarily hammered into the timber edging.

3.2
Located post hole centres as shown in Figure 3a.

3.3
If you are building your kiosk with a concrete pad, as per Appendix A, the support posts can be located as illustrated within this step.

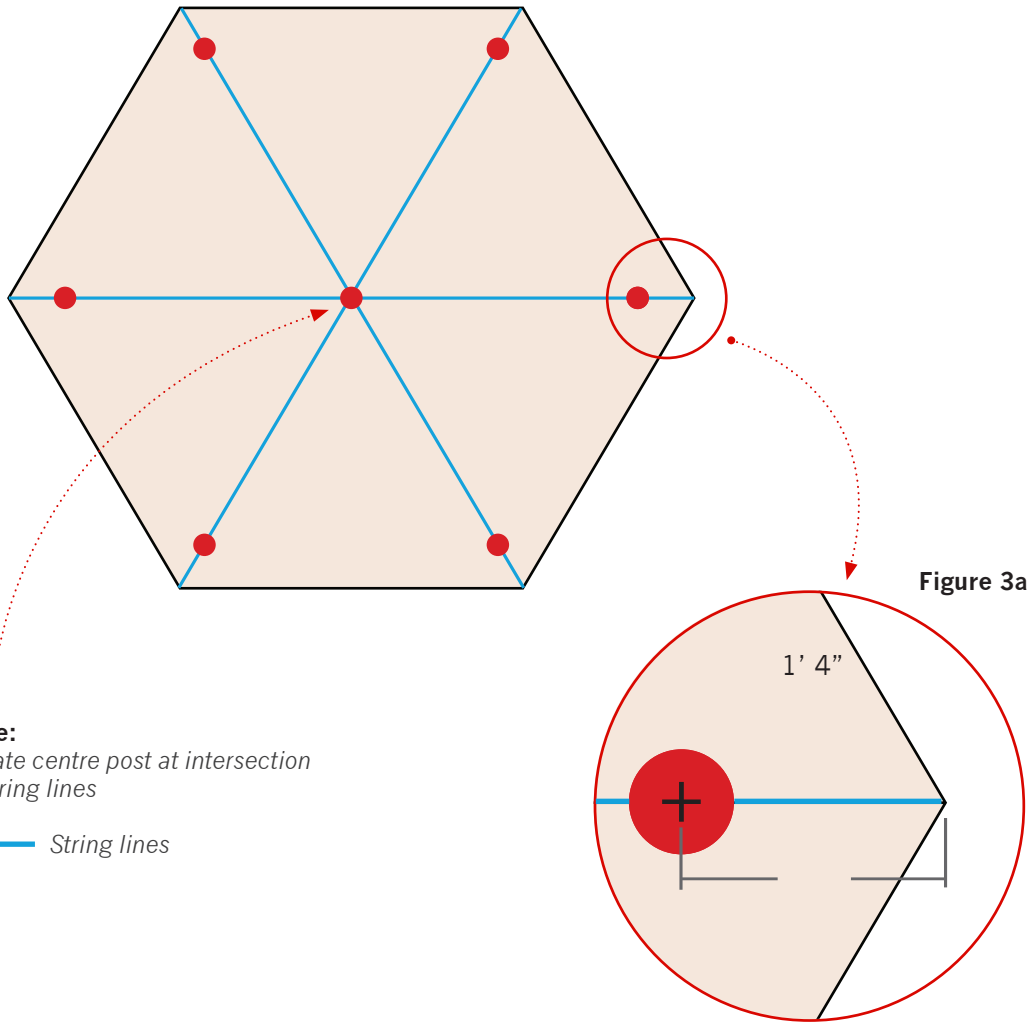


Figure 3a

Note:
Locate centre post at intersection of string lines

String lines

PIECES

P2

The following materials are required to complete Steps 4 and 5.

Component

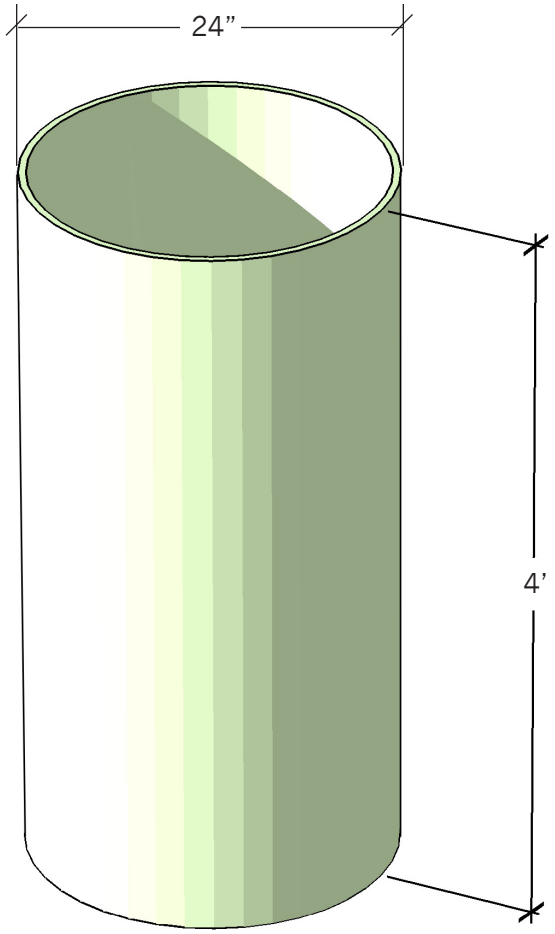
Sono Tube:
Material: 24" diameter x 4'
Quantity: 7

Note:
- *Sono Tube is a trade name, for rigid cardboard concrete form products. Your local construction materials supplier may sell the same item under a different name.*

Component

Type 1 Gravel:
Quantity: 12 cubic feet

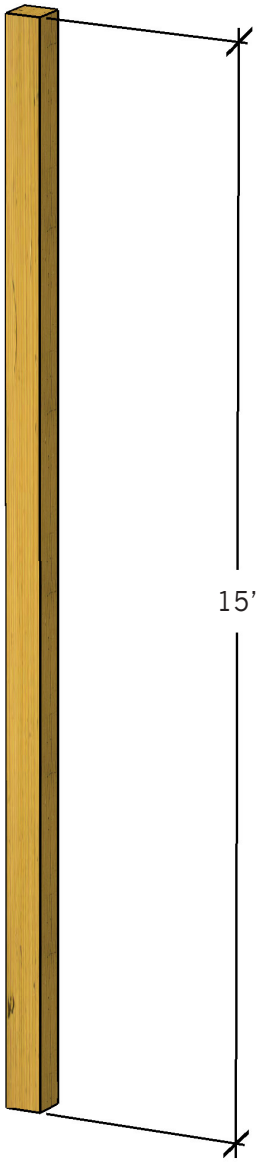
Note:
- *Ensure that the gravel is clean and free from dirt and mud.*

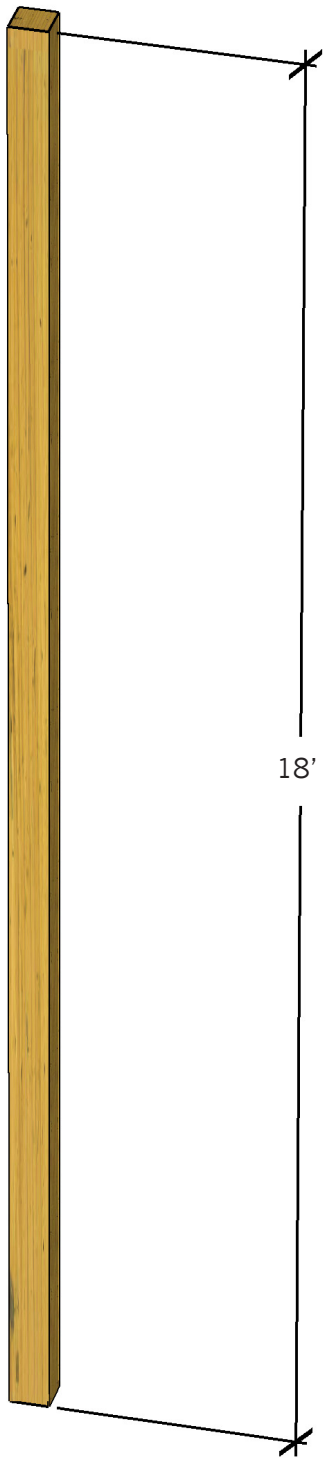


Component

Kiosk Support Post: Dimensions & Quantity
Material: rot–resistant, i.e. cedar, hemlock or pressure treated.
Dimensions: 6”x 6”
Quantity: 6 - minimum length: 15’
1 - minimum length: 18’

Note:
- *As indicated, the specified lengths are minimums. As specified in Step 6, the posts should be cut after they are set to ensure that they are the correct height above grade.*
- *Due to their length, these posts may be special order items.*





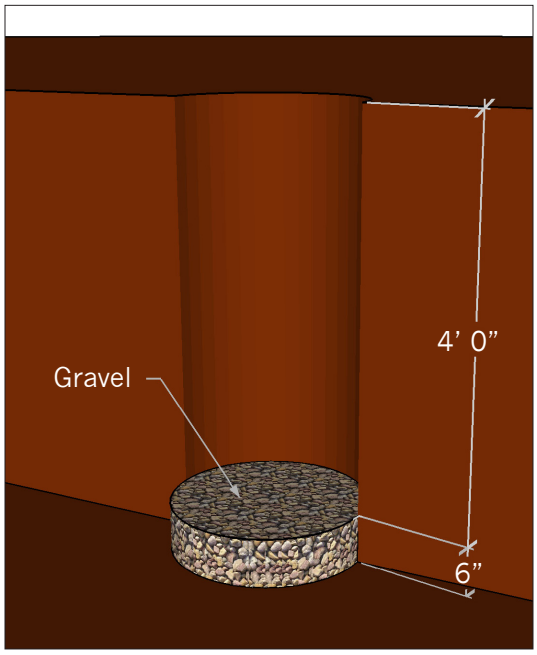
PIECES

P3

The following materials are required to complete Step 6.

STEP 4

Post Footing Holes



4.1
Dig seven 24” diameter holes.

To prevent frost heaves, the required post holes must be a minimum of 4’0” deep or to undisturbed bedrock.

4.2
Post holes to be positioned as detailed in Step 3 on page 5.

4.3
Place a maximum of 6” compacted depth of clear gravel at the bottom of the holes.

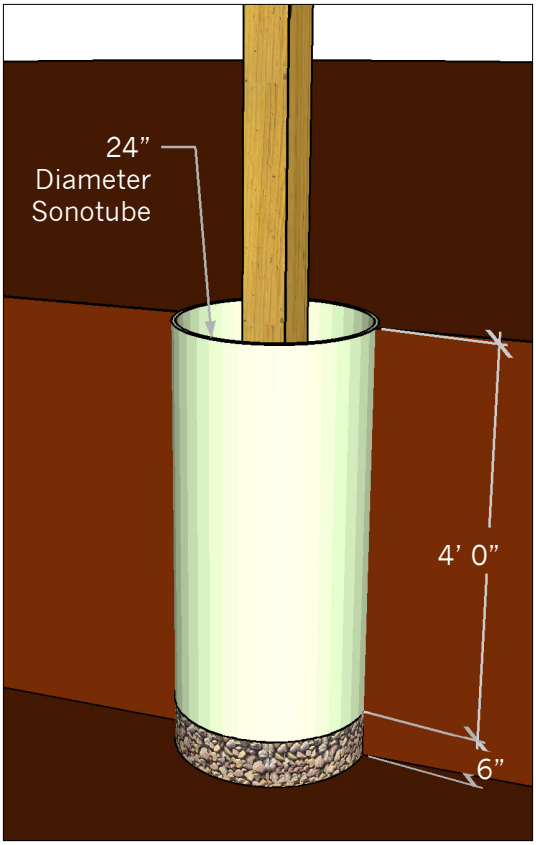
STEP 5

Setting of Sono Tubes and Posts

5.1
Place 24” diameter sono tube in holes. The top of the sono tube should be flush with the top of the ground beside the sono tube.

5.2
Place 6” x 6” timber support posts in the centre of the holes. Support posts to be rot–resistant, i.e. cedar, hemlock or pressure treated.

5.3
Refer to Figure 6a, opposite, for information on post lengths.



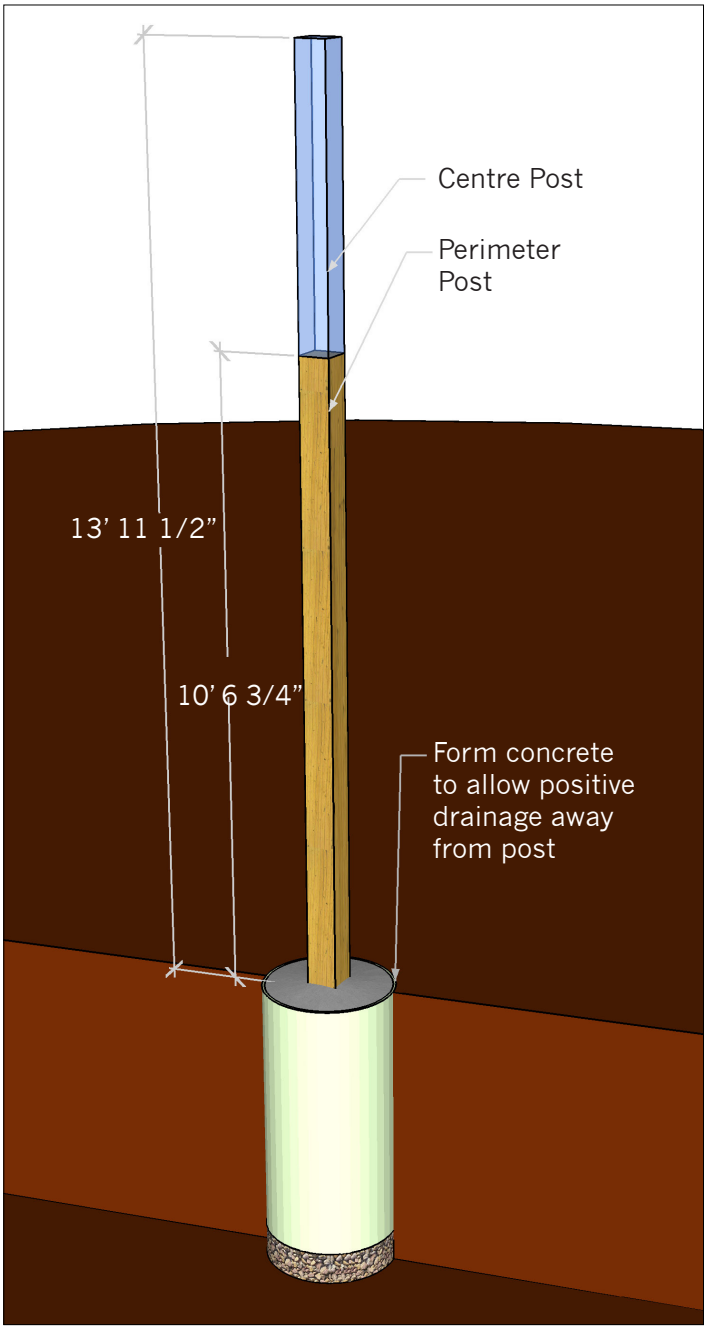
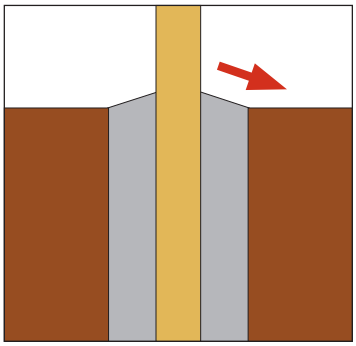


Figure 6a
Support Post Heights.

Notes:
- *Ensure that the posts are of the specified length.*
- *Cut carefully at height right angle to the post. Posts should be cut to the specified height after the concrete has set to ensure that they are the correct length above grade.*

Figure 6b
Form concrete to allow positive drainage away from post.



6.1
Ensure that posts are vertical.

6.2
Place concrete within sono tubes. Carefully follow manufacturer's directions when mixing concrete.

6.3
While placing, gently poke the air bubbles out of the concrete with a clean 1" x 2" board.

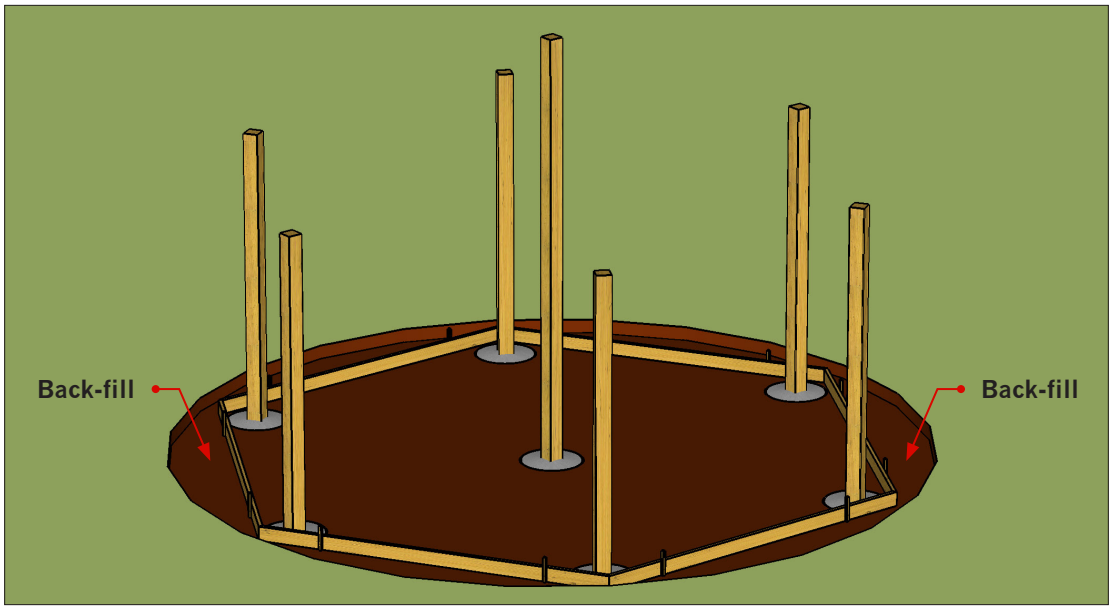
6.4
Form concrete at support posts 1"–2" higher than the adjacent ground to allow positive drainage away from posts. Refer to Figure 6b.

6.5
Securely brace the support posts until the concrete has set. Refer to manufacturer's specifications for this time frame.

6.6
As required, backfill around the outside of the sono tubes, and compact.

STEP 7

Backfilling with Topsoil and Sod

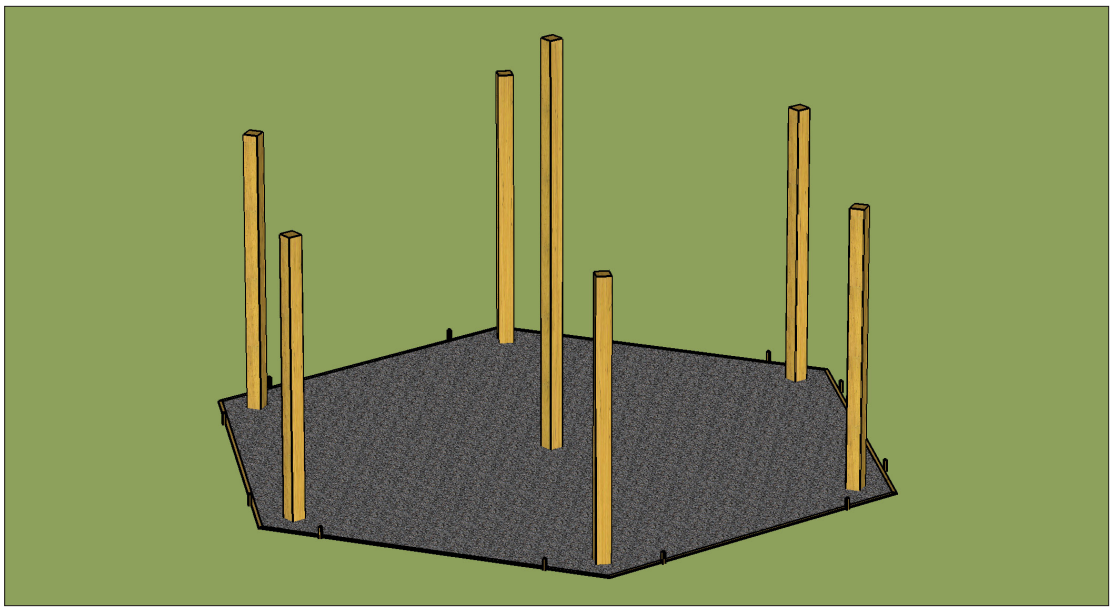


7.1
Between the kiosk pad and the adjacent undisturbed areas, place clean topsoil to the top of the timber edges and lightly compact.

7.2
Place sod or seed on to topsoil. Ensure that grade of the sod/seed blends naturally with the adjacent undisturbed areas.

STEP 8

Gravel Placement



8.1
Place clear Granular Type 1 material. After spreading the gravel, compact with a plate tamper. After compaction, ensure that the gravel is flush with the top of the edging material.

8.2
Ensure that there is slight drainage away from the centre post to the perimeter of the kiosk pad.

8.3
Remove and dispose of timber edge support stakes.

PIECES

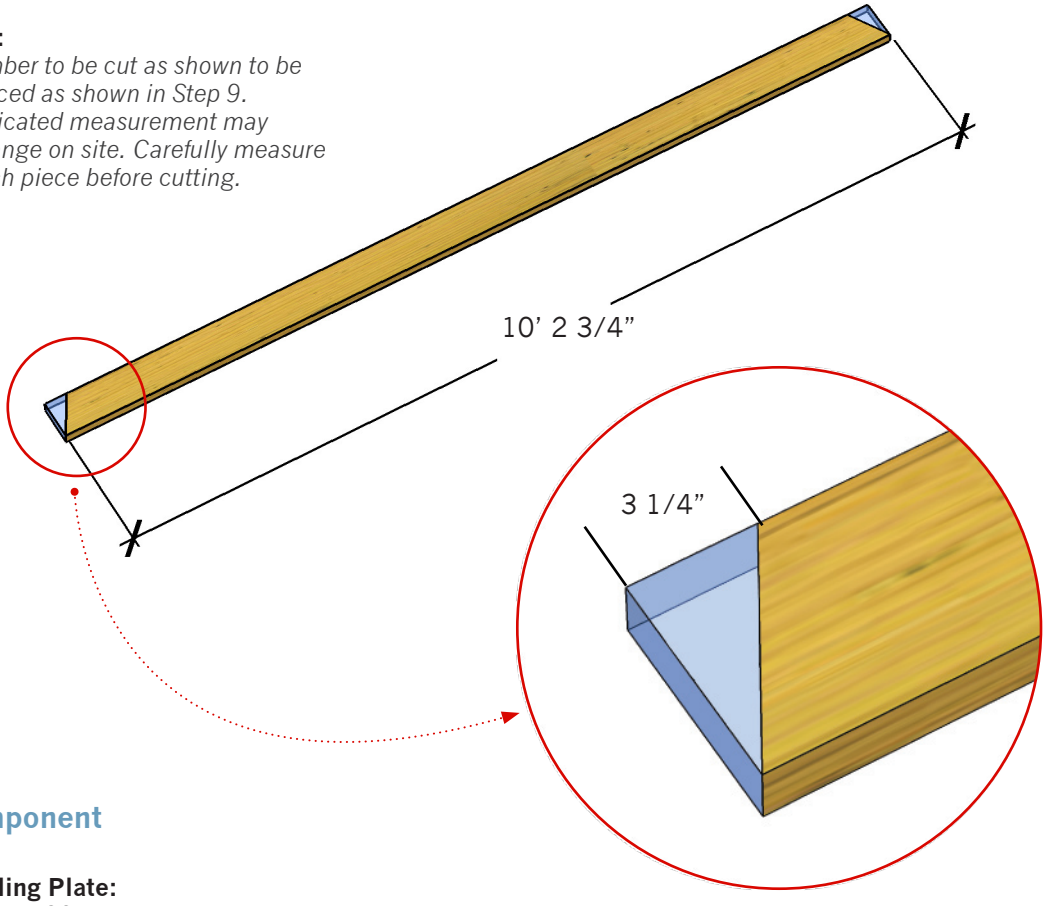
P4

The following materials are required to complete Step 9.

Component

Top Plate: Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimensions: 2"x 6"
Quantity: 6

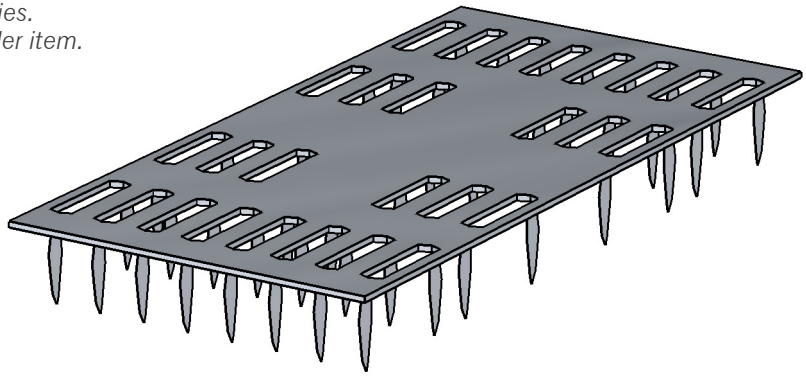
Note:
- *Timber to be cut as shown to be placed as shown in Step 9.*
- *Indicated measurement may change on site. Carefully measure each piece before cutting.*



Component

Mending Plate:
Material: 20 gauge, galvanized steel
Dimensions: 3"x 6"
Quantity: 6

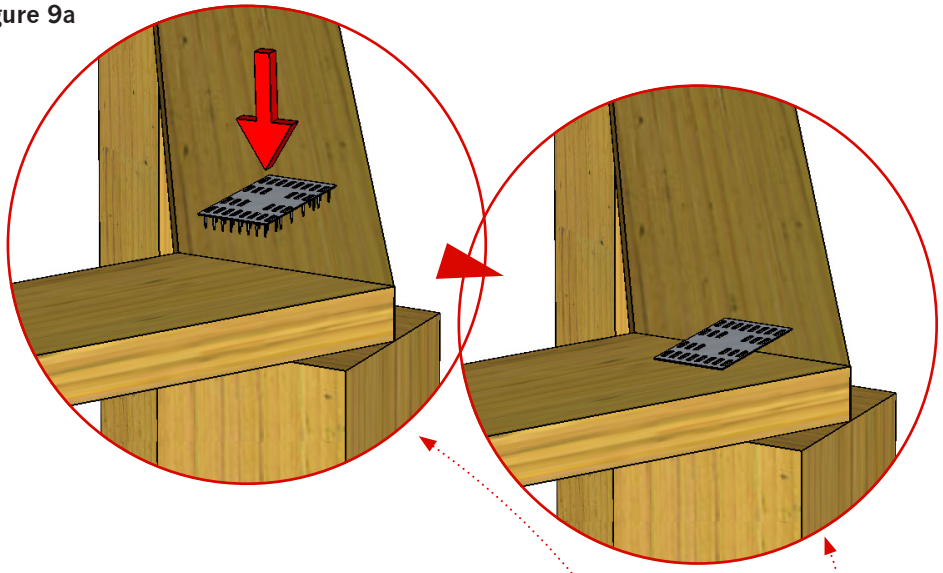
Notes:
- *Mending Plate to be Model # MP36 as manufactured by Simpson Strong-Tie.*
- *Simpson Strong-Tie products are available from Kent Building Supplies.*
- *This may be a special order item.*



STEP 9

Installation of Top Plate

Figure 9a



9.1
Place top plate timbers as shown in Figure 9b, below. Hammer timbers securely into top of posts with 2" galvanized, spiral nails as shown in Figures 9a and 9b.

9.2
Centre the Mending Plate over adjacent top plate members as detailed in Figure 9a, and hammer into place.

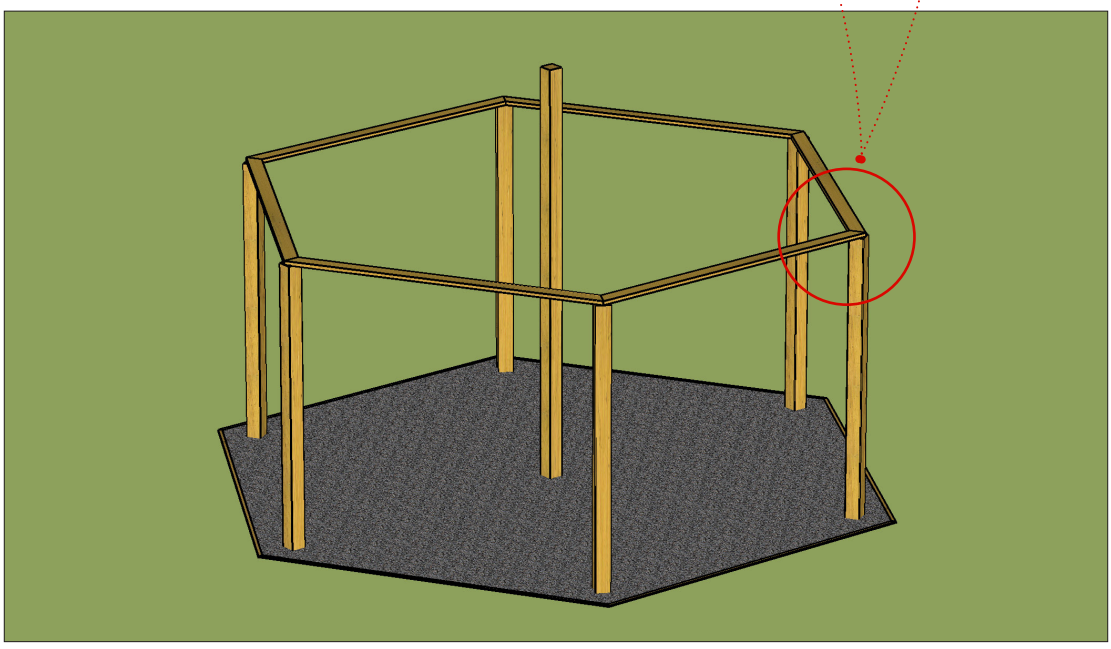
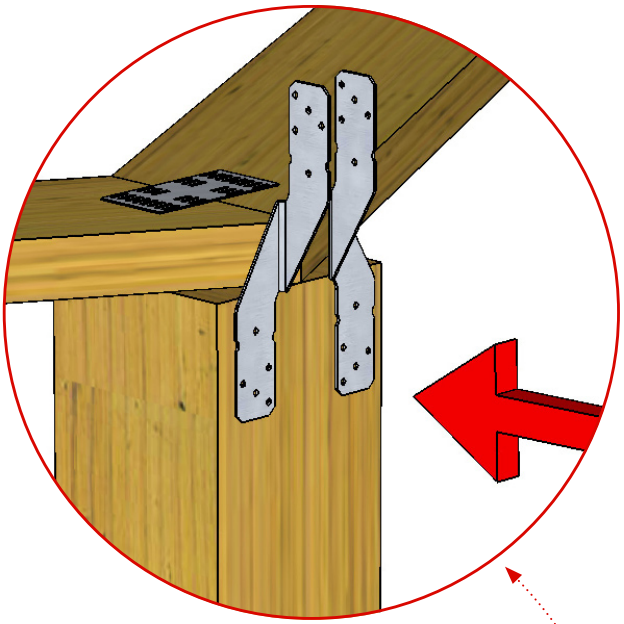


Figure 9b

Component

Joist Tie:
Material: galvanized steel
Dimensions: 1.25"x 8"
Quantity: 12

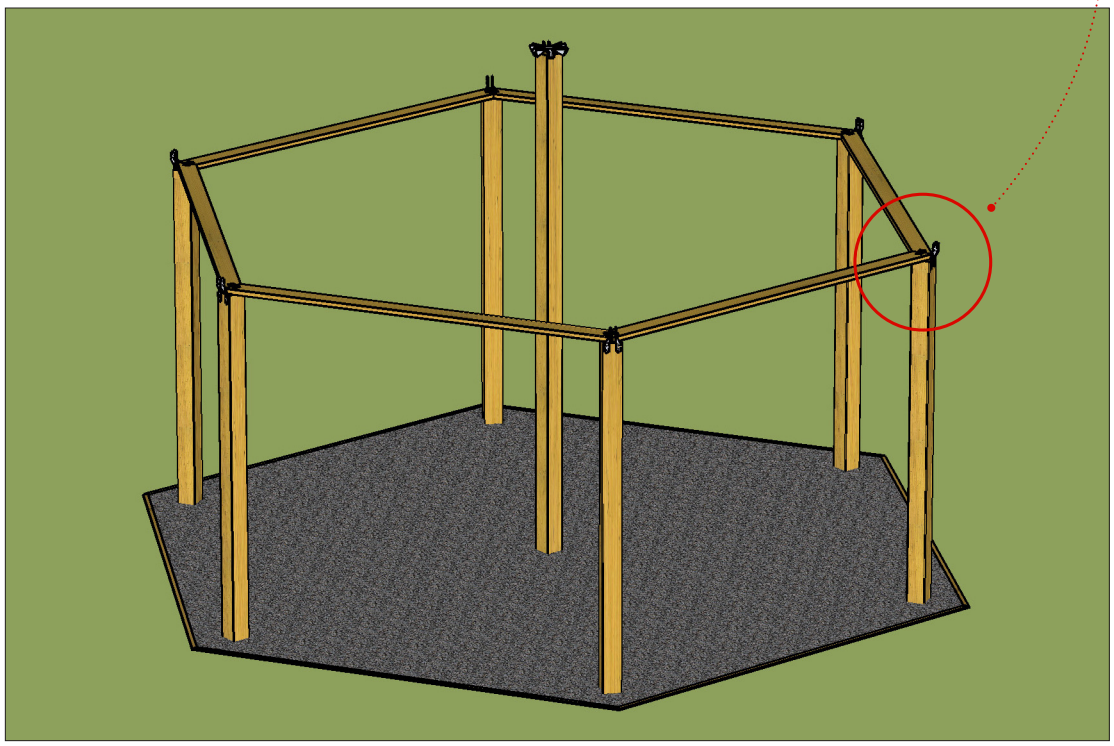
Notes:
- *Joist Ties to be Model # H8 as manufactured by Simpson Strong-Tie.*
- *Simpson Strong-Tie products are available from Kent Building Supplies.*
- *This may be a special order item.*



PIECES

P5

The following materials are required to complete Step 10.



STEP

10

Placement of Roof Joist Ties

10.1
Place Joist Ties as per manufacturer's direction and fasten securely to side posts with 2" galvanized, spiral nails.

10.2
Ensure that the Joist Ties are positioned so that the roof rafters will be centered on each side support post.

STEP 11

Top of Kiosk Centre Post Chamfer

Top of kiosk centre post.

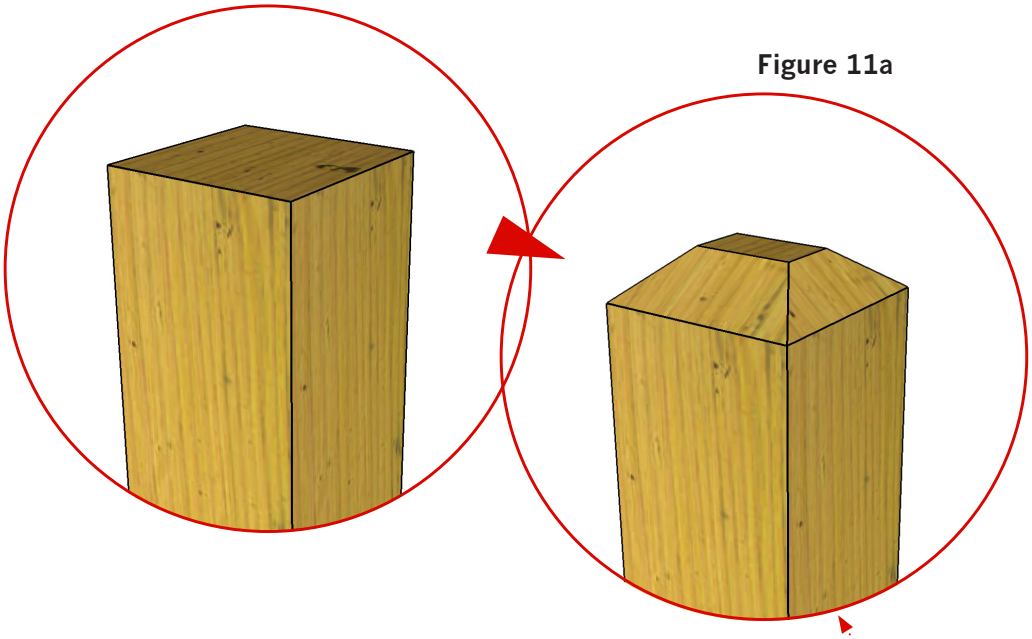


Figure 11a

11.1
The top of the kiosk centre post must be cut as indicated in Figure 11b to permit the Gazebo Connector to be fastened as detailed in Step 12, opposite.

Note:
- *The cut dimensions indicated in Figure 11b are an approximation and will have to be confirmed on site by the group constructing the kiosk.*

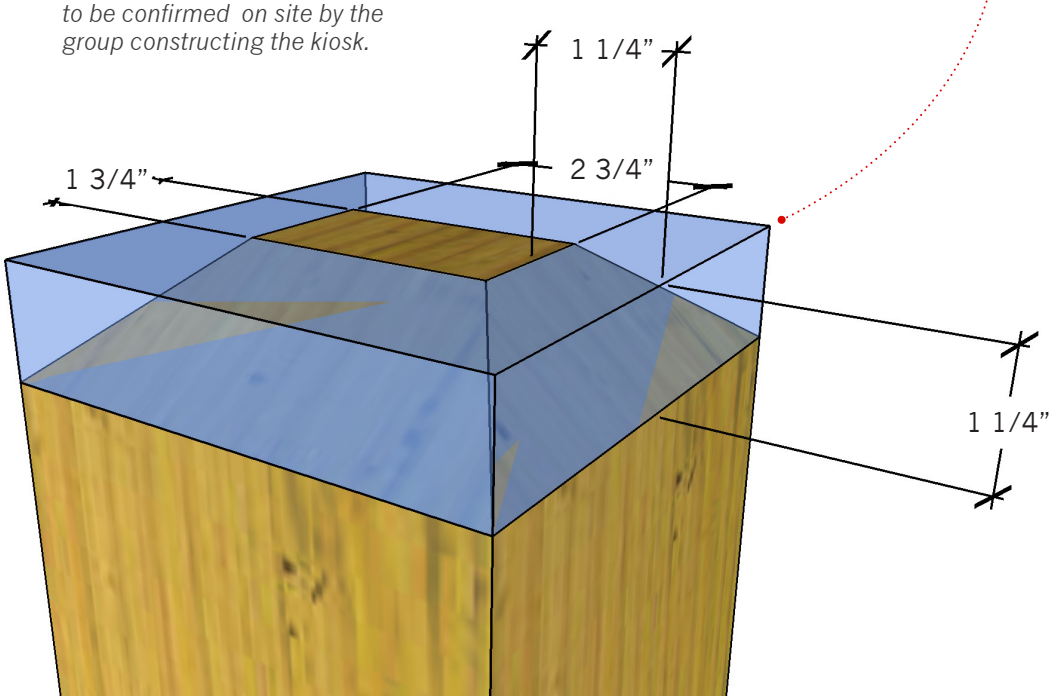
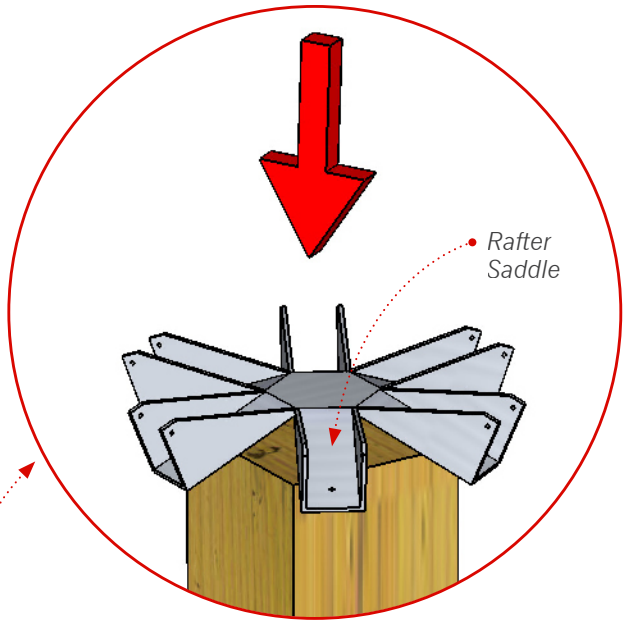


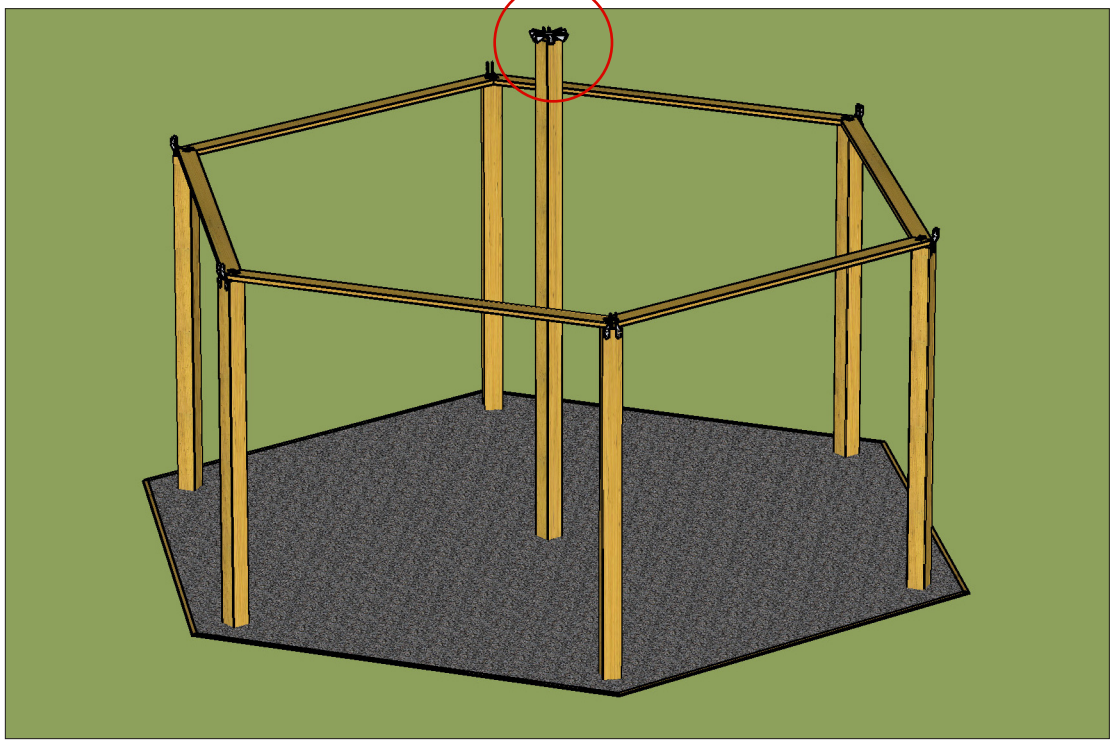
Figure 11b

Component

Gazebo Connector:
Material: 16 gauge, galvanized steel
Quantity: 2

Notes:
- *Gazebo Connectors to be Model # GT6Z as manufactured by Simpson Strong-Tie.*
- *Simpson Strong-Tie products are available from Kent building Supplies.*
- *This may be a special order item.*
- *The second Gazebo Connector will be installed after the installation of the roof joists. See page 17 for additional details.*





12.1
Carefully chamfer the top of the kiosk centre post to permit the Gazebo Connector to sit flush to post surface without deflecting the individual rafter saddles.

12.2
Place Gazebo Connector as per manufacturer's direction in the centre of the kiosk post, ensuring the rafter saddles align with the corresponding Joist Ties.

12.3
Secure the Gazebo Connector with one #8 x 2" galvanized wood screw.

PIECES

P6

The following materials are required to complete Step 12.

STEP

12

Placement of Gazebo Connector

PIECES

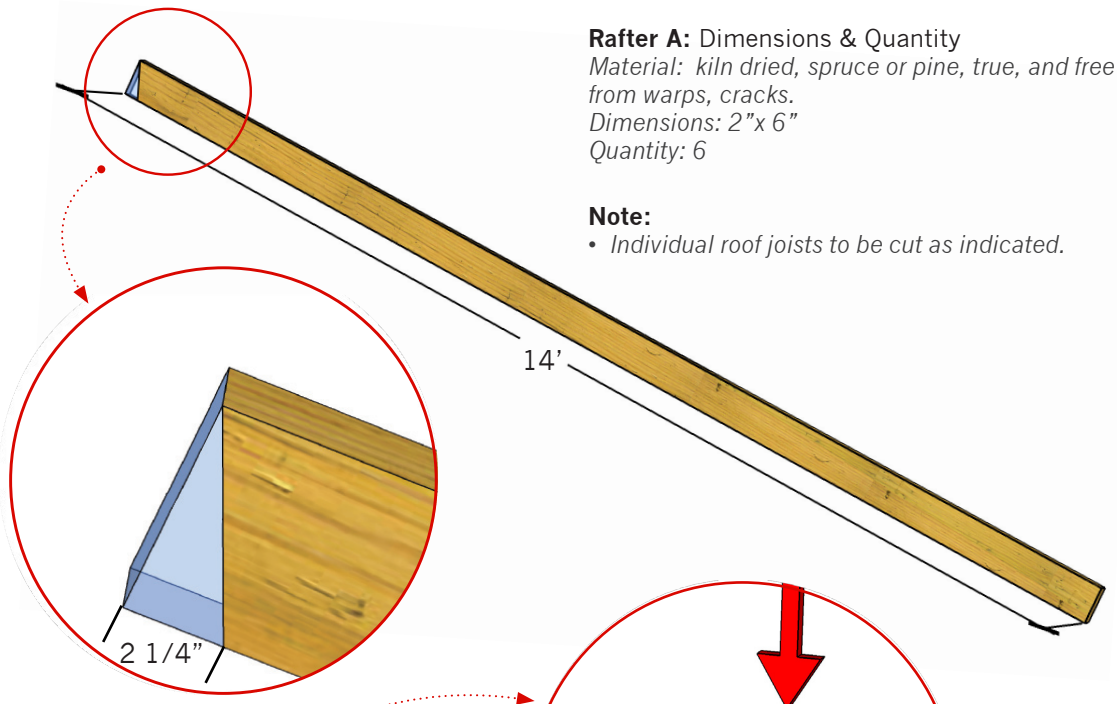
P7

The following materials are required to complete Step 13.

Component

Rafter A: Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimensions: 2”x 6”
Quantity: 6

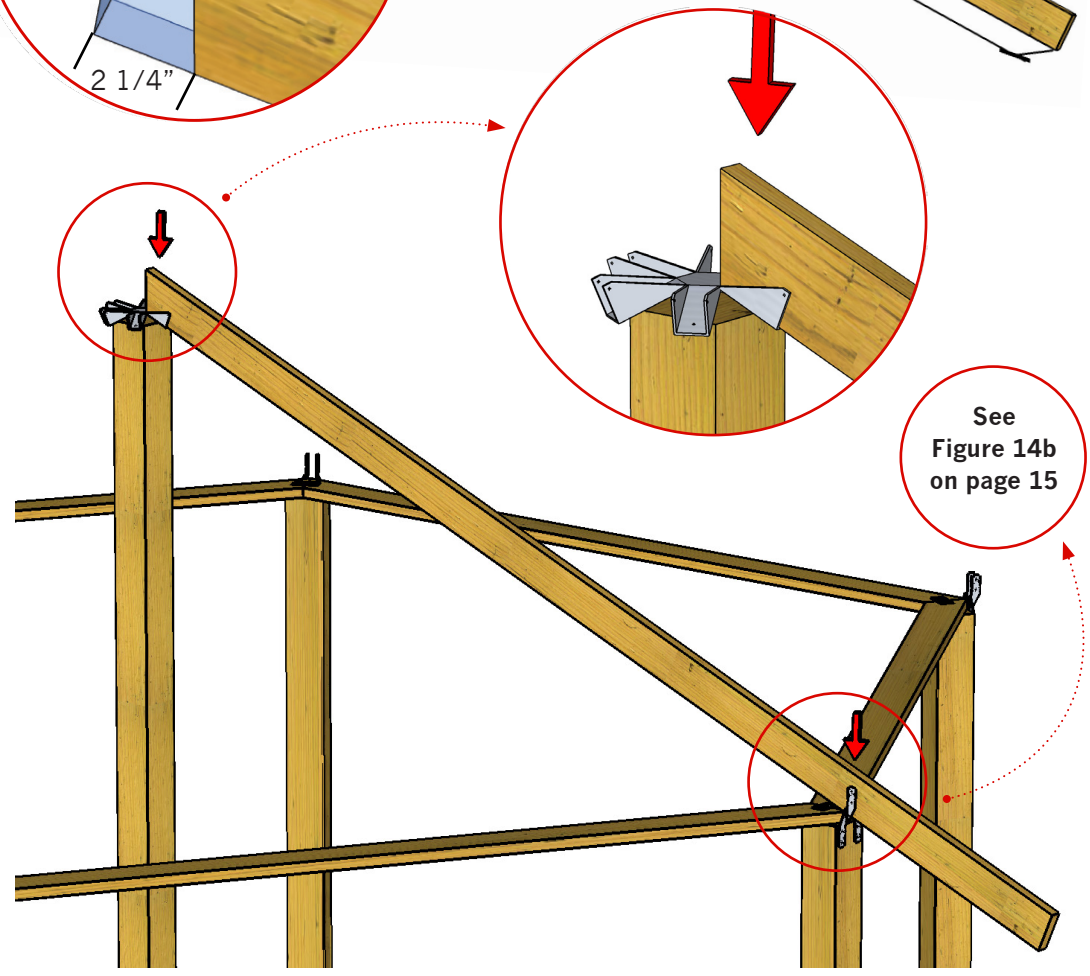
Note:
- *Individual roof joists to be cut as indicated.*



STEP

13

Rafter Placement

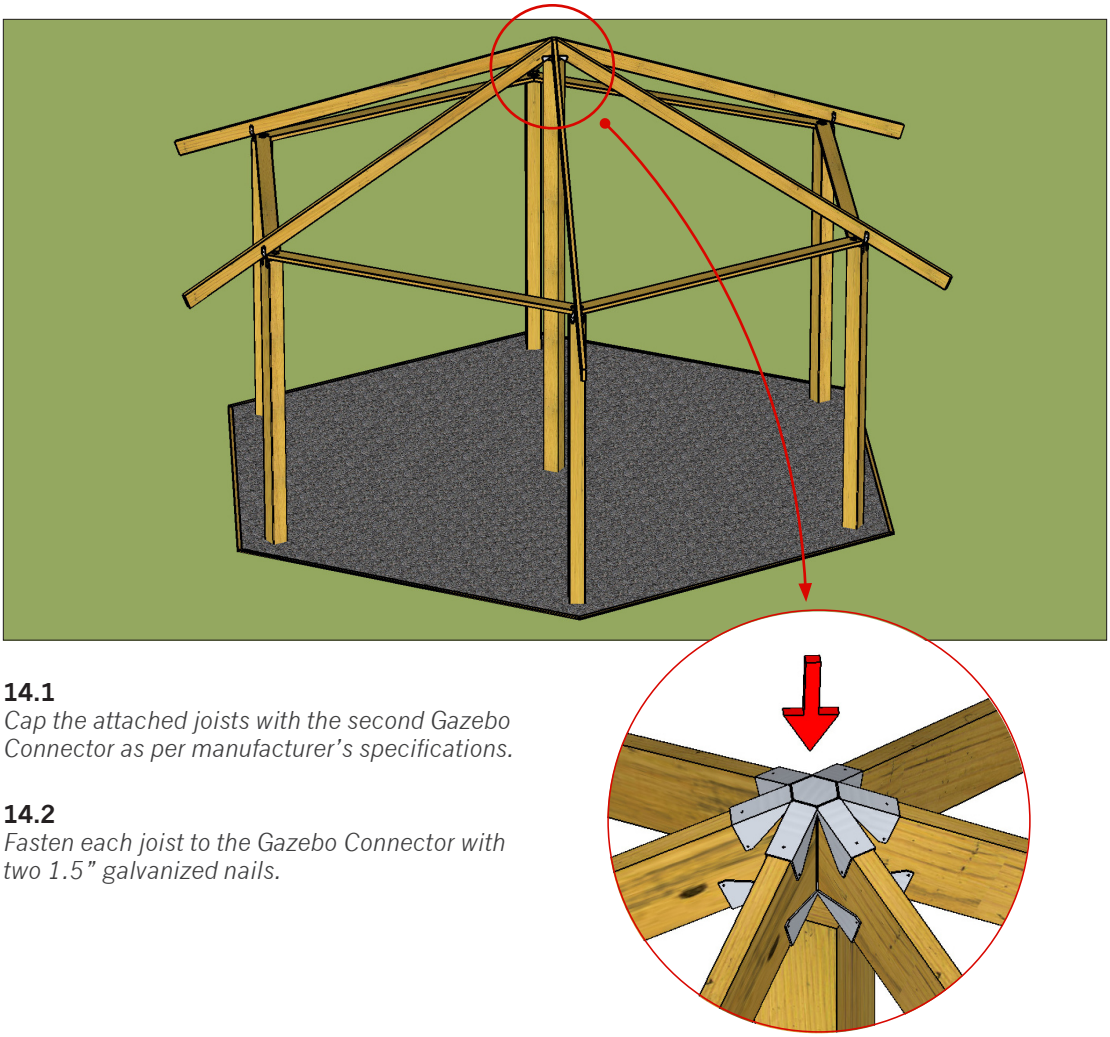


See Figure 14b on page 15

13.1
Position each joist to the centre of the kiosk’s centre support post. Ensure that all joists are equally positioned.

13.2
Fasten each joist to the Gazebo Connector with two 1.5” galvanized nails.

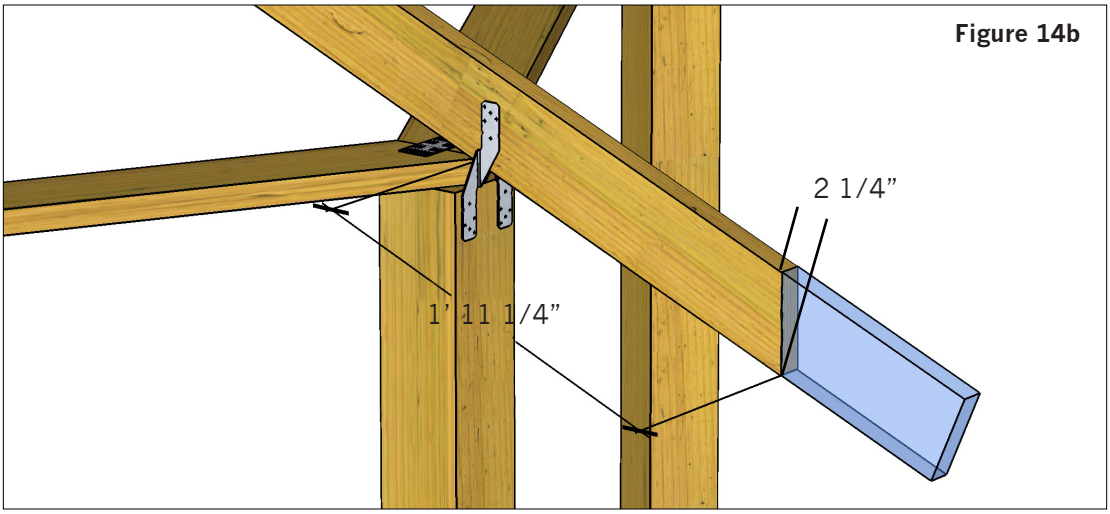
Figure 14a



14.1
Cap the attached joists with the second Gazebo Connector as per manufacturer's specifications.

14.2
Fasten each joist to the Gazebo Connector with two 1.5" galvanized nails.

Figure 14b



14.3
Attach bottom of joist to joist ties as per manufacturer's specifications with 1.5" galvanized, spiral nails.

14.4
Trim end off joists as noted in Figure 13b.

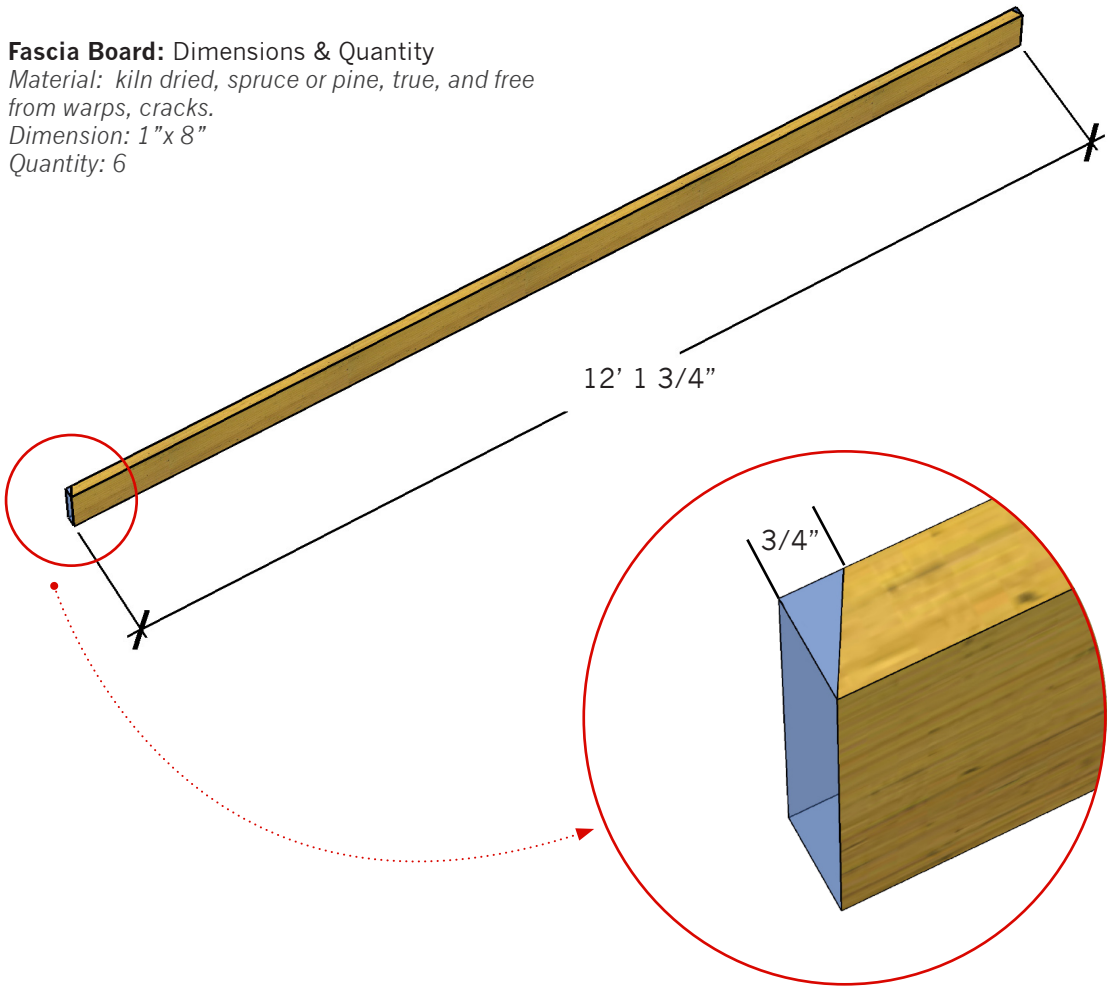
PIECES

P8

The following materials are required to complete Step 15.

Component

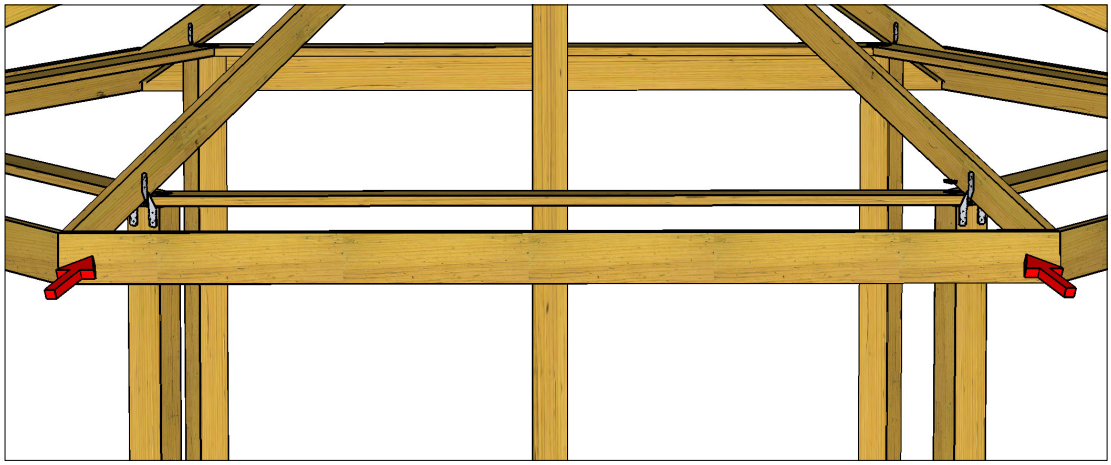
Fascia Board: Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimension: 1"x 8"
Quantity: 6



STEP

15

Fascia Board Placement



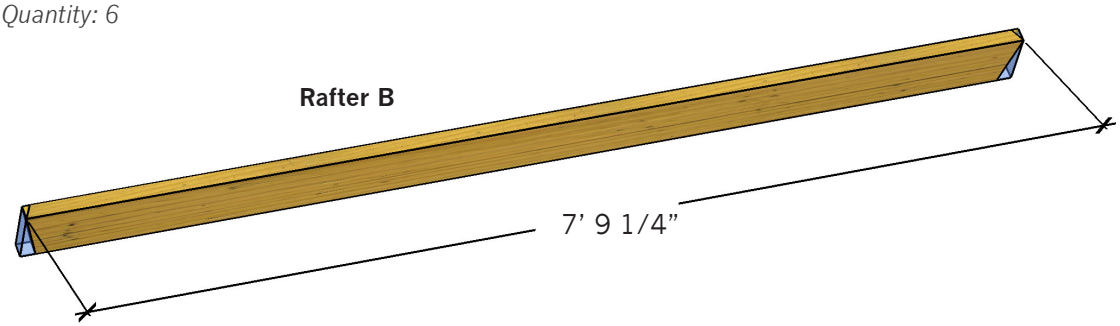
15.1
The above dimension is an approximation of the fascia board length. Do not cut all the fascia boards at once. Each board should be cut as they are to placed on the kiosk to reflect the actual required dimension.

15.2
Nail fascia boards in place with 1.5" galvanized, spiral nails.

The following materials are required to complete Step 16.

Component

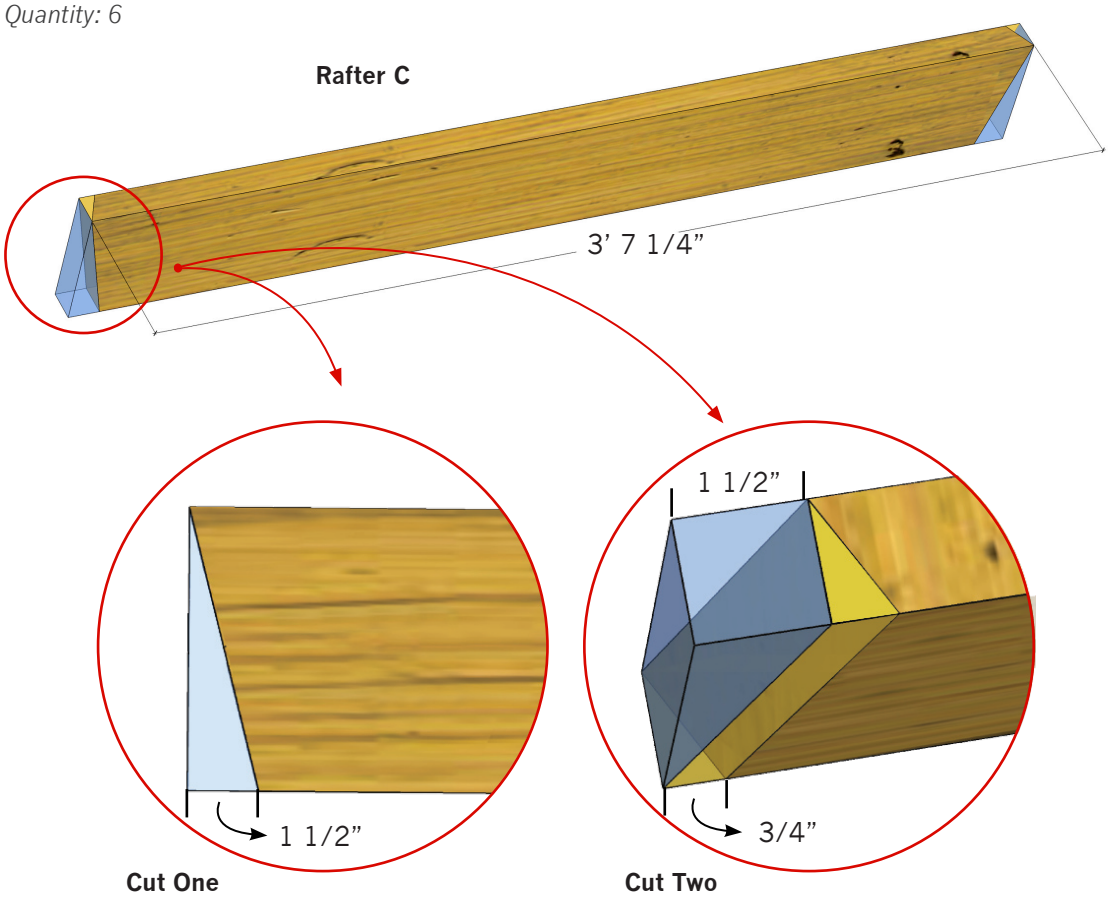
Rafter B: Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimensions: 2"x 6"
Quantity: 6



Component

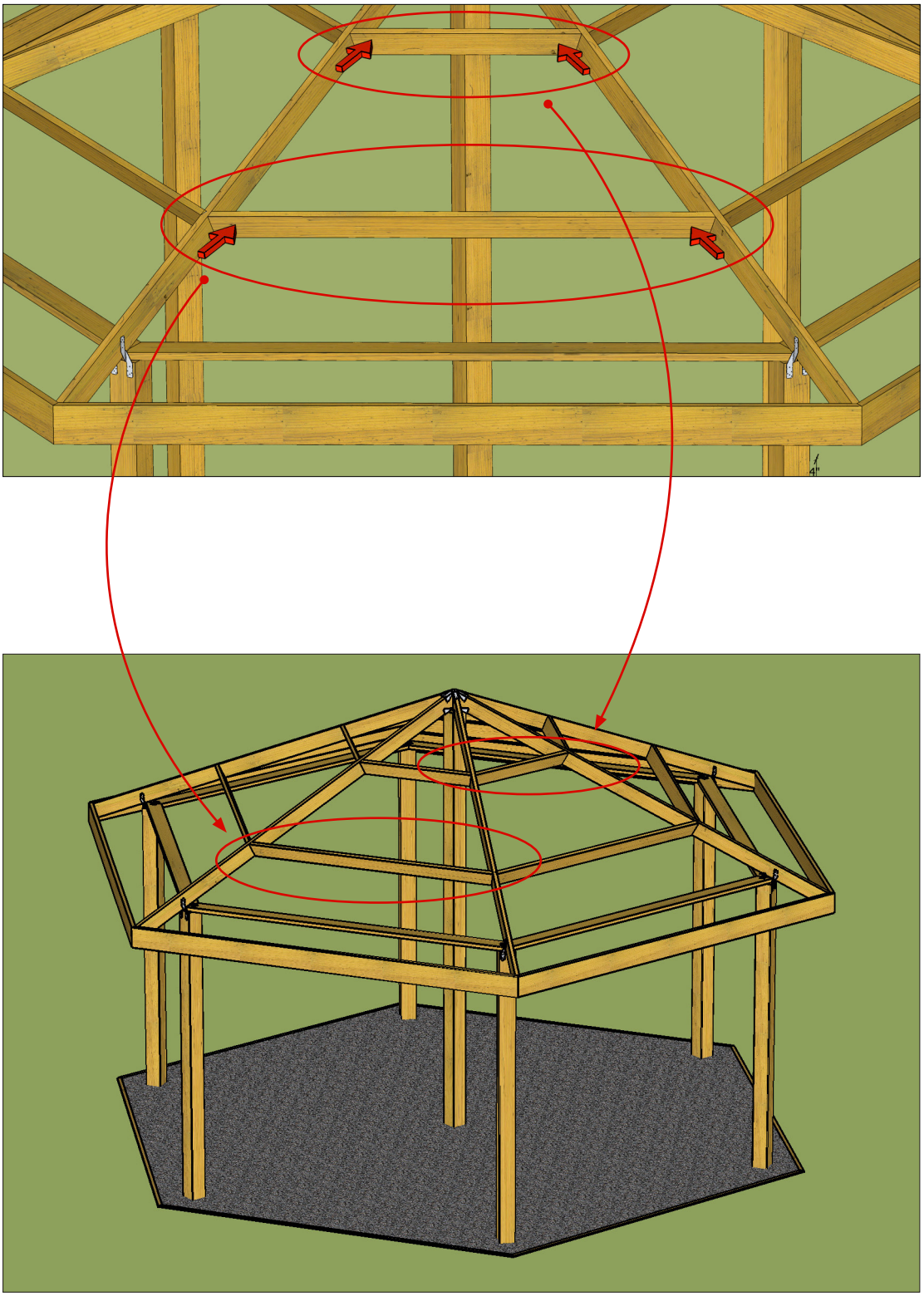
Rafter C: Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimensions: 2"x 6"
Quantity: 6

Note:
- *The indicated cuts, below, apply to both of these rafter pieces and must be cut in the sequence indicated.*



STEP 16

Rafter Placement

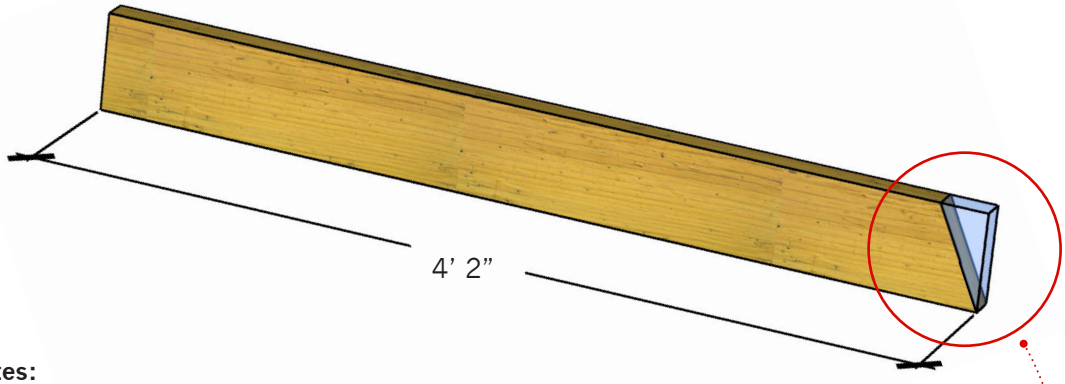


16.1
Position the individual cut rafters snug between the two adjacent, previously installed rafters, (Step 13), as shown above.

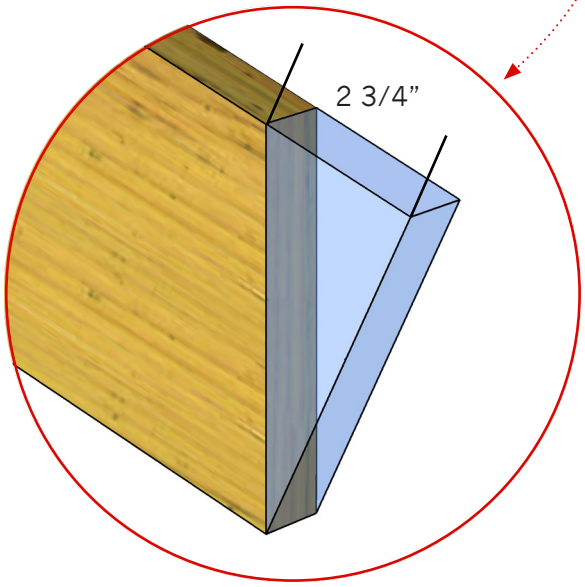
16.2
Nail rafters in place with 2.5" galvanized, spiral nails.

Component

Rafter D: Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimensions: 2"x 6"
Quantity: 6



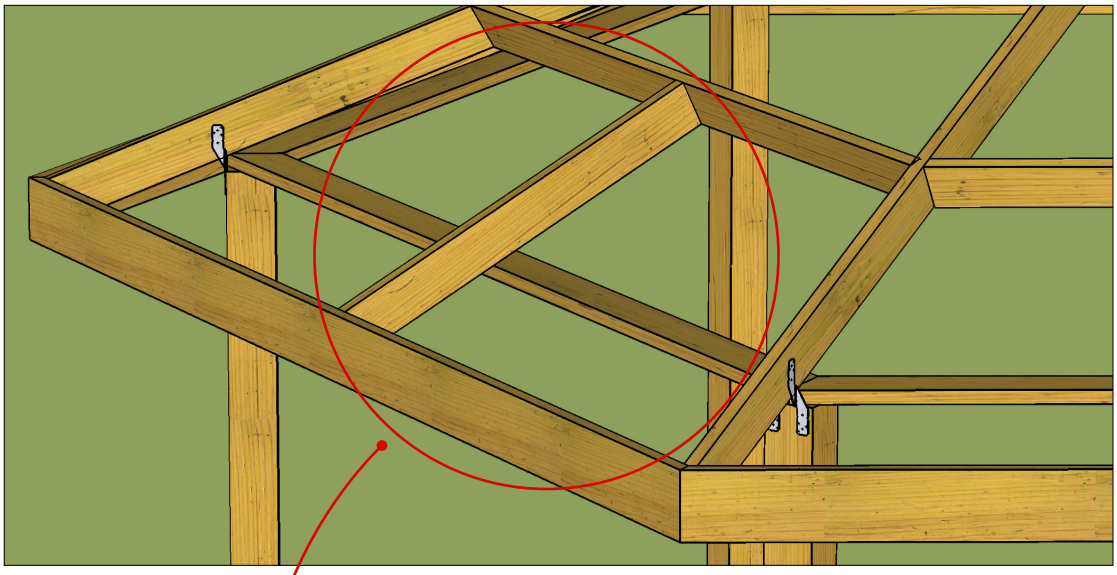
Notes:
- *The above dimension is an approximation of the indicated rafter length*
- *Timber end angle to be cut as shown to permit it to fit within the designated space within the roof structure.*
- *Do not cut all the rafters at once. The overall length of each unit should be cut to reflect its required, specific dimension within the kiosk roof structure.*



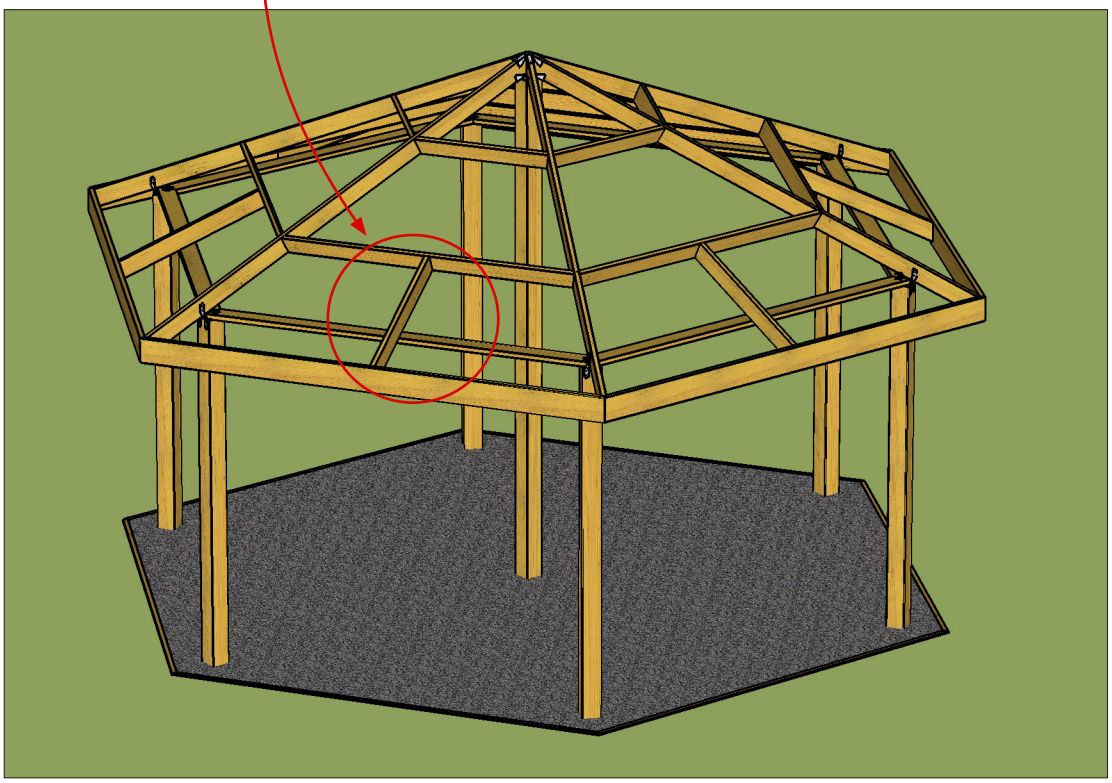
The following materials are required to complete Step 17.

STEP 17

Rafter Placement



17.1
Locate the individual cut rafters equidistant between the rafters installed in Step 13.

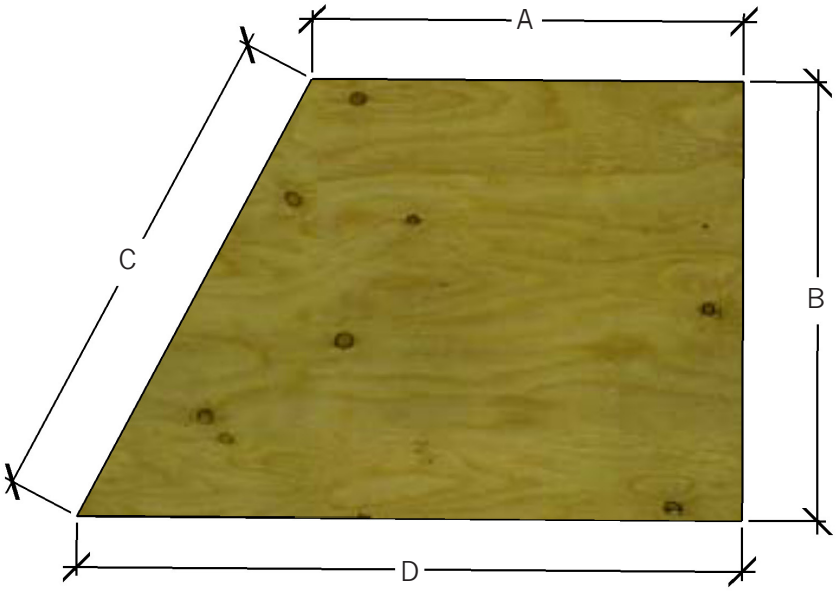


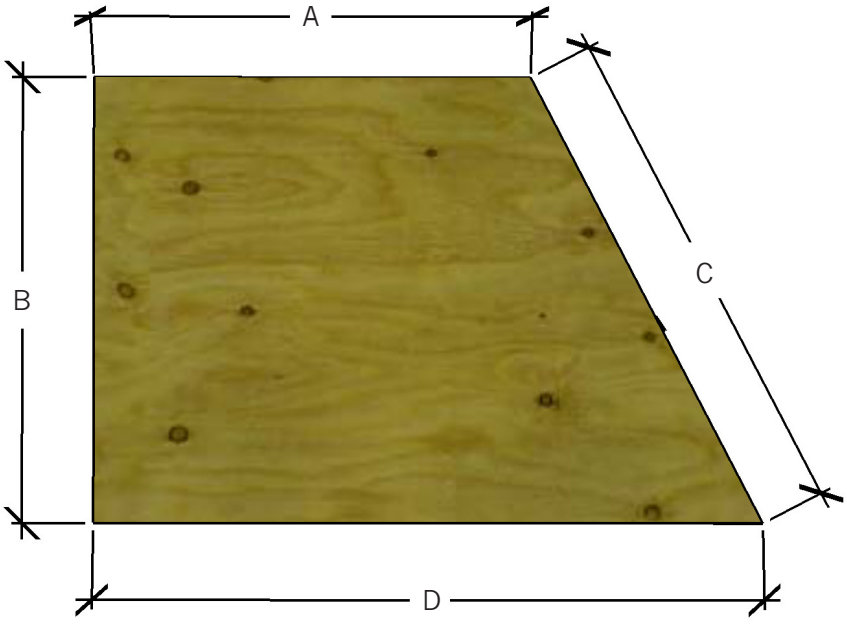
17.2
Position the individual cut rafters snug between the fascia board, (Step 15) and the adjacent rafter, (Step 16) as shown above.

17.3
Nail rafters in place with 2.5" galvanized, spiral nails.

Component

Roof Sheeting A: Dimensions & Quantity
Material: 4'x8' x 3/4" plywood - Good–One–Side
Dimensions: 4'x 8'
Quantity: 12





Note:
- *The actual panel dimensions will have to be confirmed by the group constructing the kiosk.*

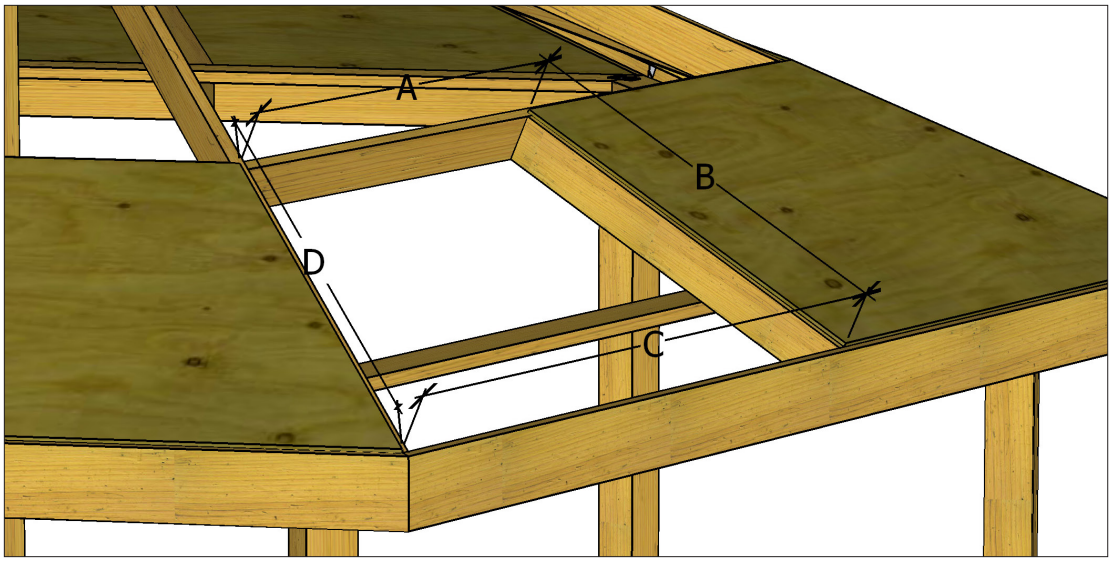
PIECES

P11

The following materials are required to complete Step 18.

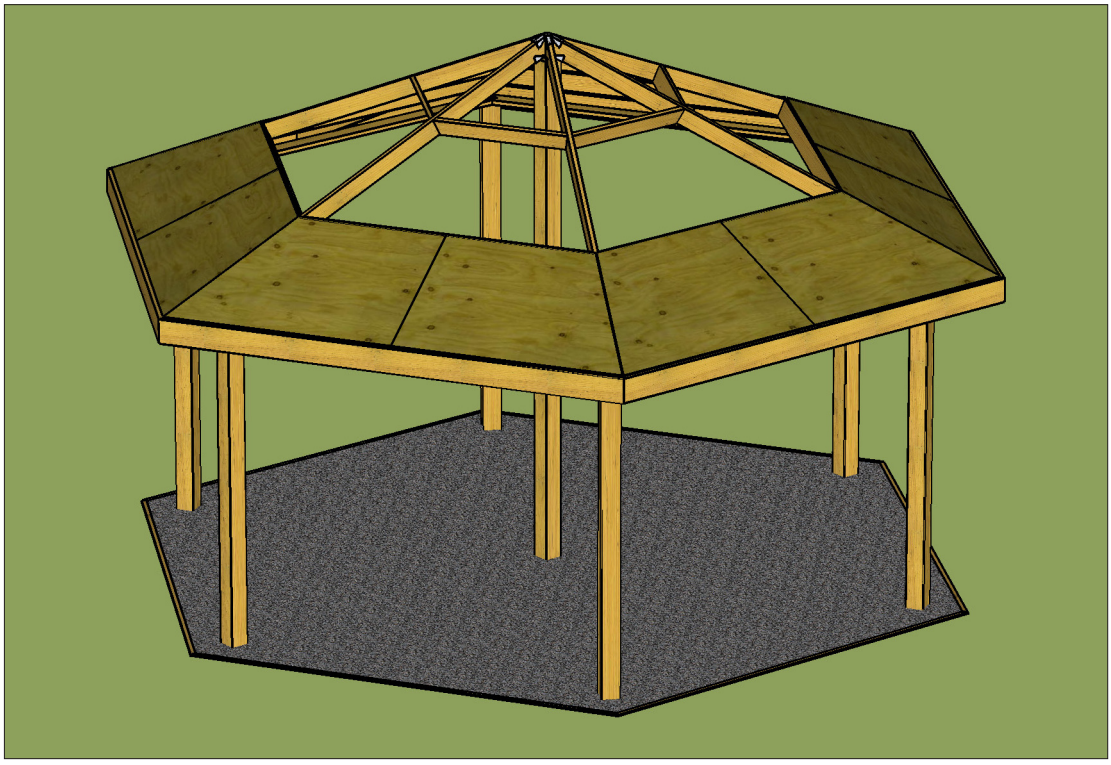
STEP 18

Lower Roof Sheeting Placement



18.1
Confirm the required measurements before cutting the plywood.

18.2
Place plywood "Good " side down. The "good" side of plywood sheet is usually marked or stamped by manufacturer.

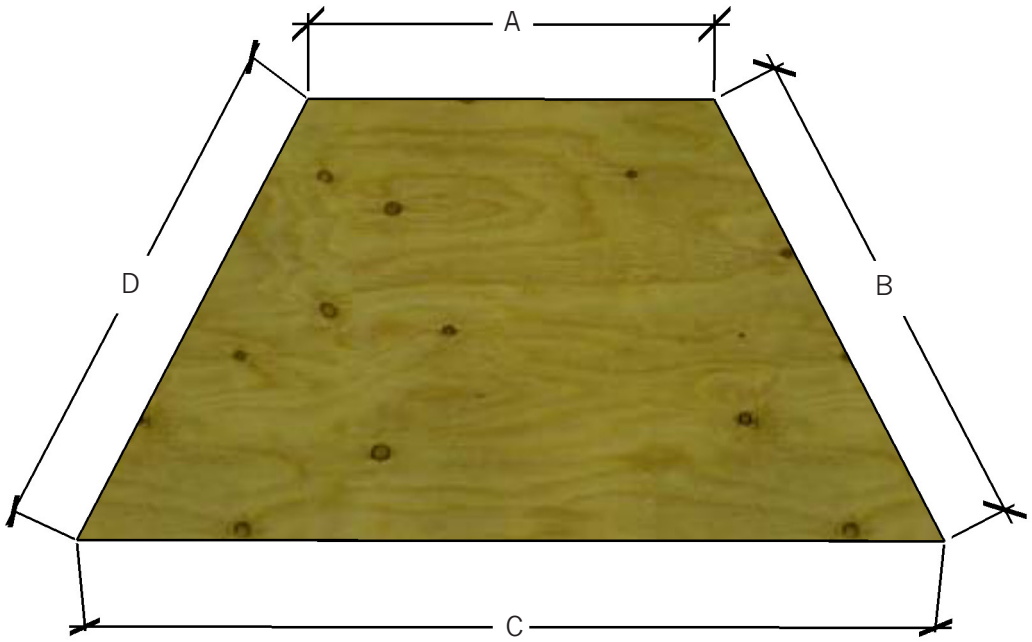


18.3
Ensure that the sheet edges are to the centre of the respective rafters to permit fastening space for adjacent sheets. Abutting sheets should be tight together before fastening.

18.4
Securely fasten the plywood sheets to the roof rafters and fascia boards with 2 1/2" galvanized, spiral nails at a 6" spacing.

Component

Roof Sheeting B: Dimensions & Quantity
Material: 4'x 8' x 3/4" plywood - Good–One–Side
Dimensions: 4'x 8'
Quantity: 6



Note:
- *The actual panel dimensions will have to be confirmed by the group constructing the kiosk.*

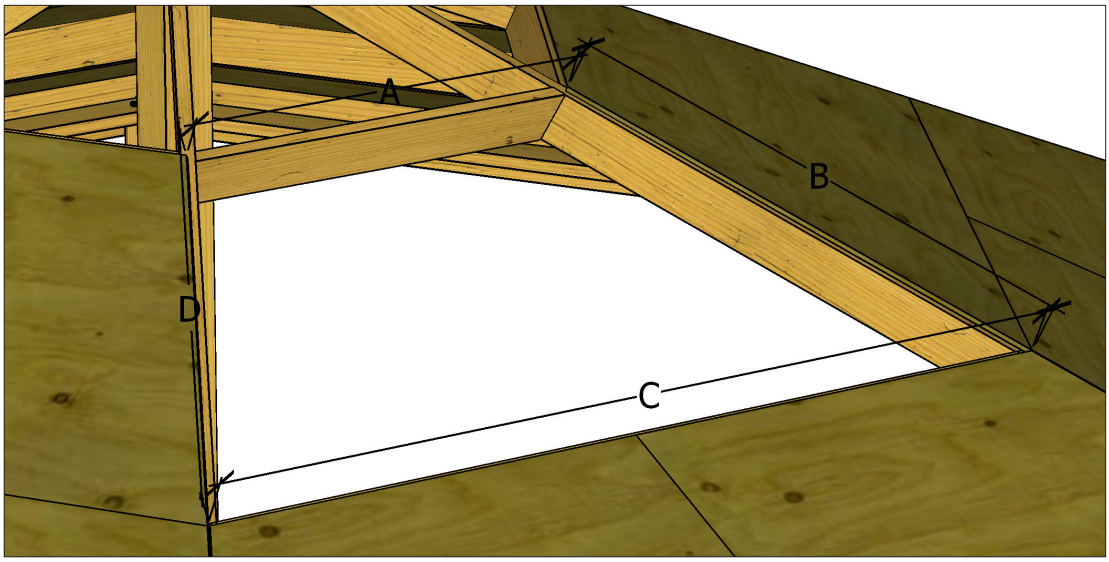
PIECES

P12

The following materials are required to complete Step 19.

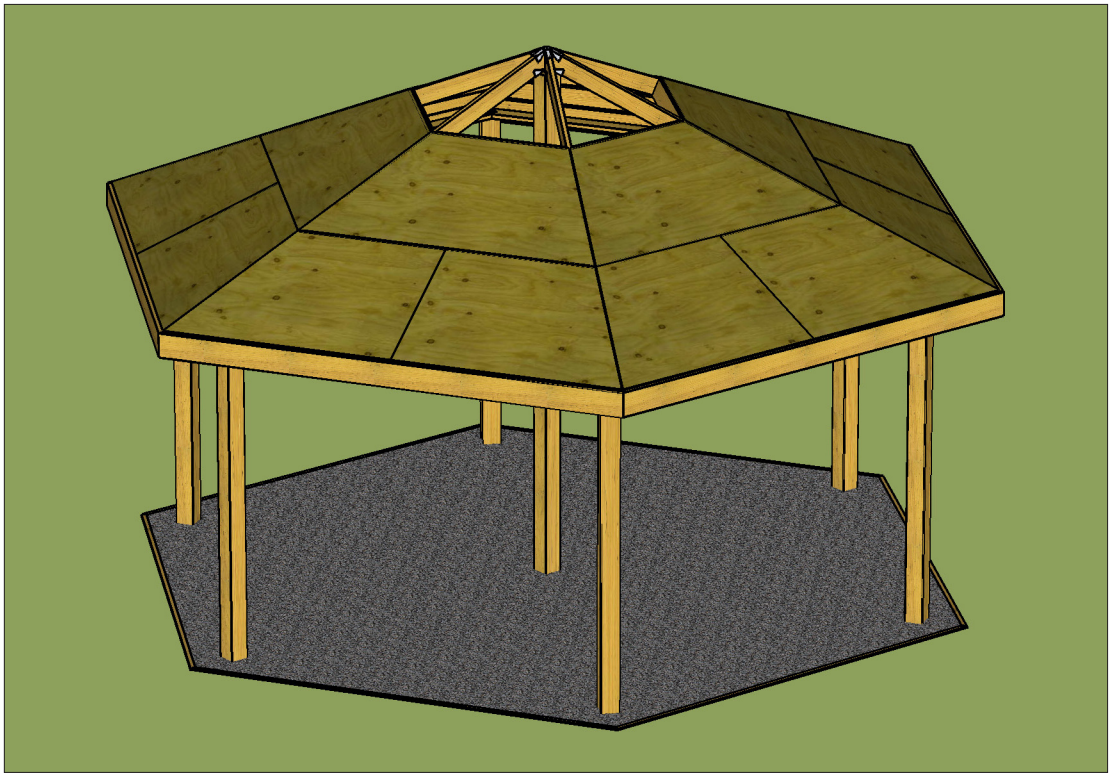
STEP 19

Middle Roof Sheeting Placement



19.1
Again, confirm the required measurements before cutting the plywood.

19.2
Place plywood "Good " side down. The "good" side of plywood sheet is usually marked or stamped by manufacturer.

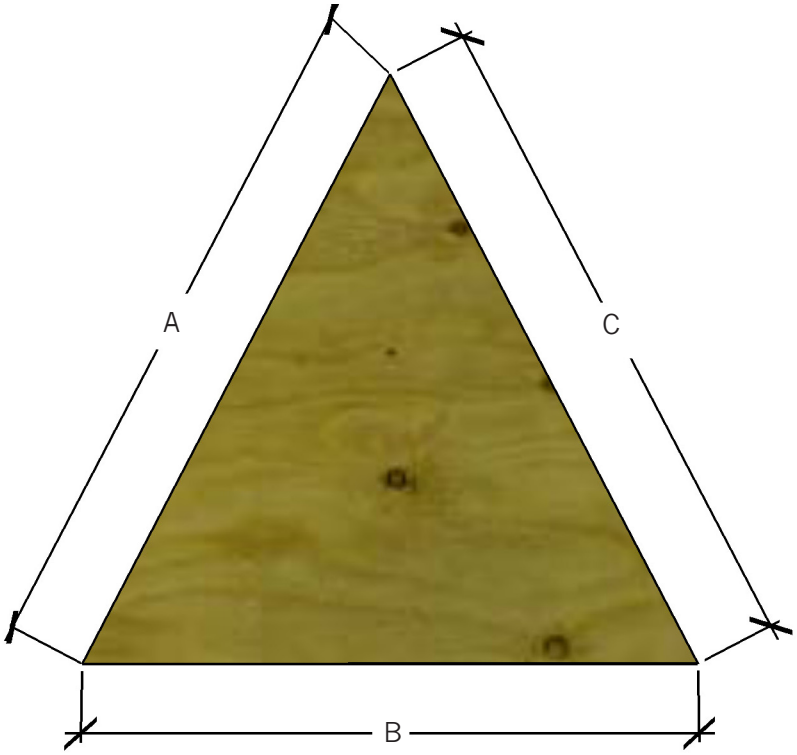


19.3
Ensure that the sheet edges are to the centre of the respective rafters to permit fastening space for adjacent sheets. Abutting sheets should be tight together before fastening.

19.4
Securely fasten the plywood sheets to the roof rafters and fascia boards with 2 1/2" galvanized, spiral nails at a 6" spacing.

Component

Roof Sheeting C: Dimensions & Quantity
Material: 4'x8' x 3/4" plywood - Good–One–Side
Dimensions: 4'x 8'
Quantity: 6



Note:
- *The actual panel dimensions will have to be confirmed by the group constructing the kiosk.*

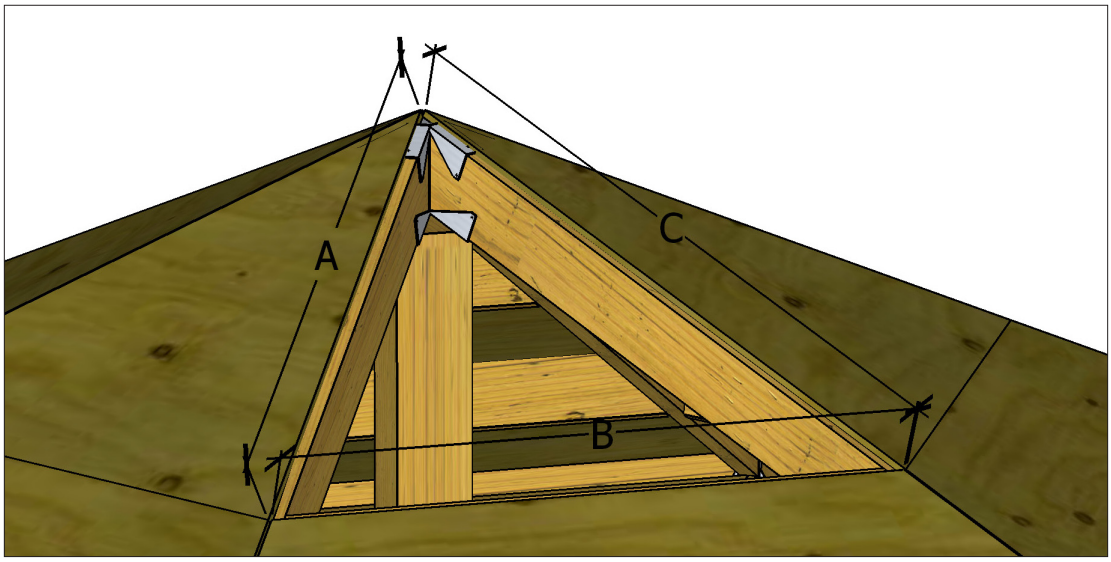
PIECES

P13

The following materials are required to complete Step 20.

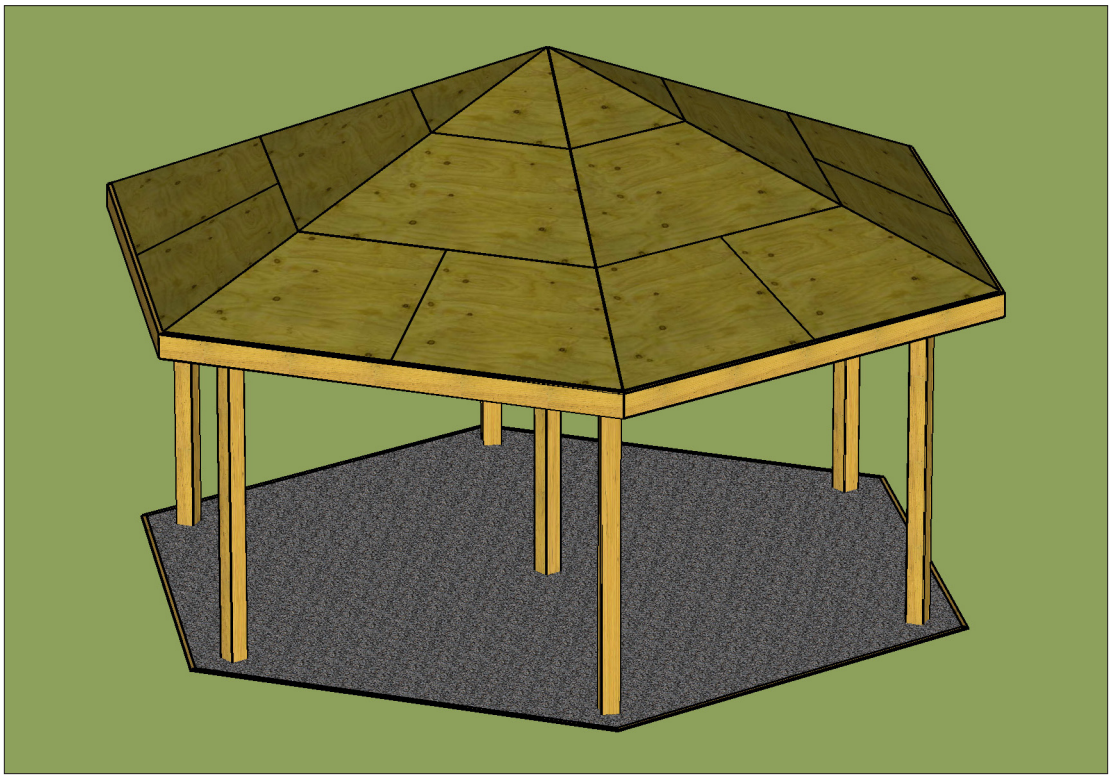
STEP 20

Upper Roof Sheeting Placement



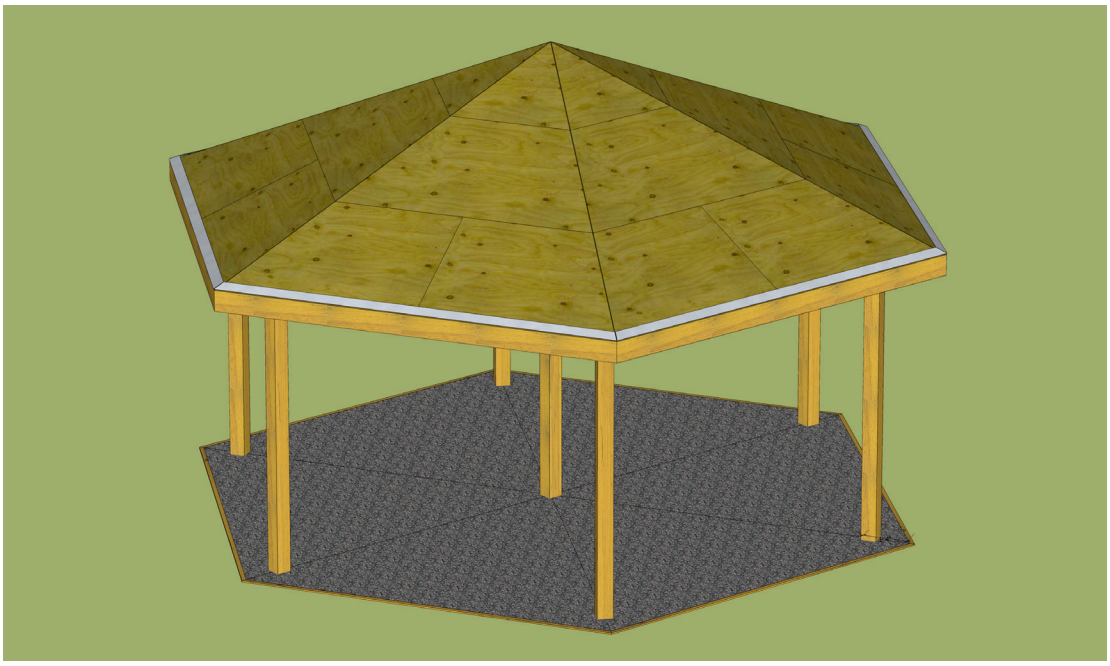
20.1
Confirm the required measurements before cutting the plywood.

20.2
Place plywood "Good " side down. The "good" side of plywood sheet is usually marked or stamped by manufacturer.

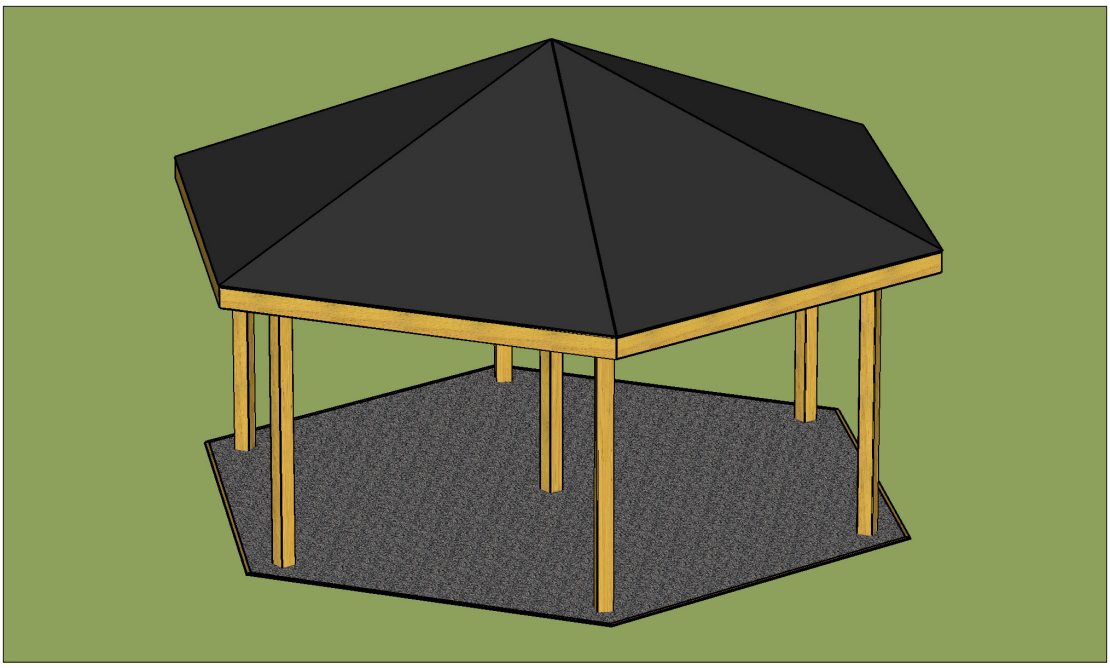


20.3
Ensure that the sheet edges are to the centre of the respective rafters to permit fastening space for adjacent sheets. Abutting sheets should be tight together before fastening.

20.4
Securely fasten the plywood sheets to the roof rafters and fascia boards with 2 1/2" galvanized, spiral nails at a 6" spacing.



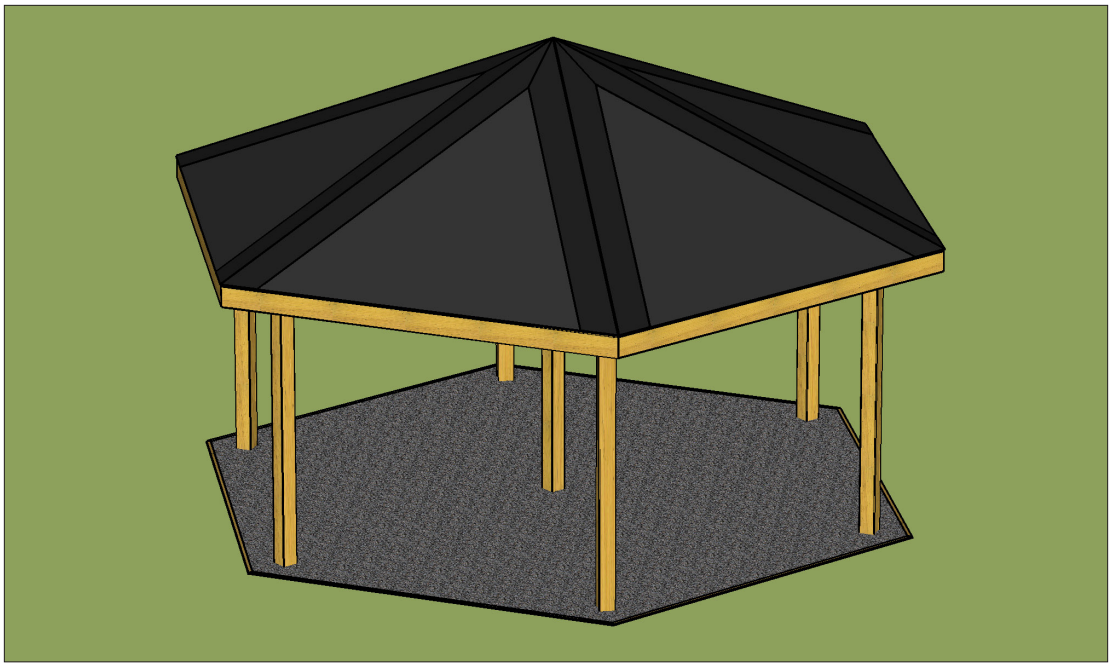
21.1
Fasten drip edge to eave edge of roof, via 1" galvanized roofing nails at a 1' spacing.



21.2
Starting from the eaves, with 1/2" galvanized staples, securely fasten tar paper horizontally over the plywood. Ensure a minimum 3" overlap.

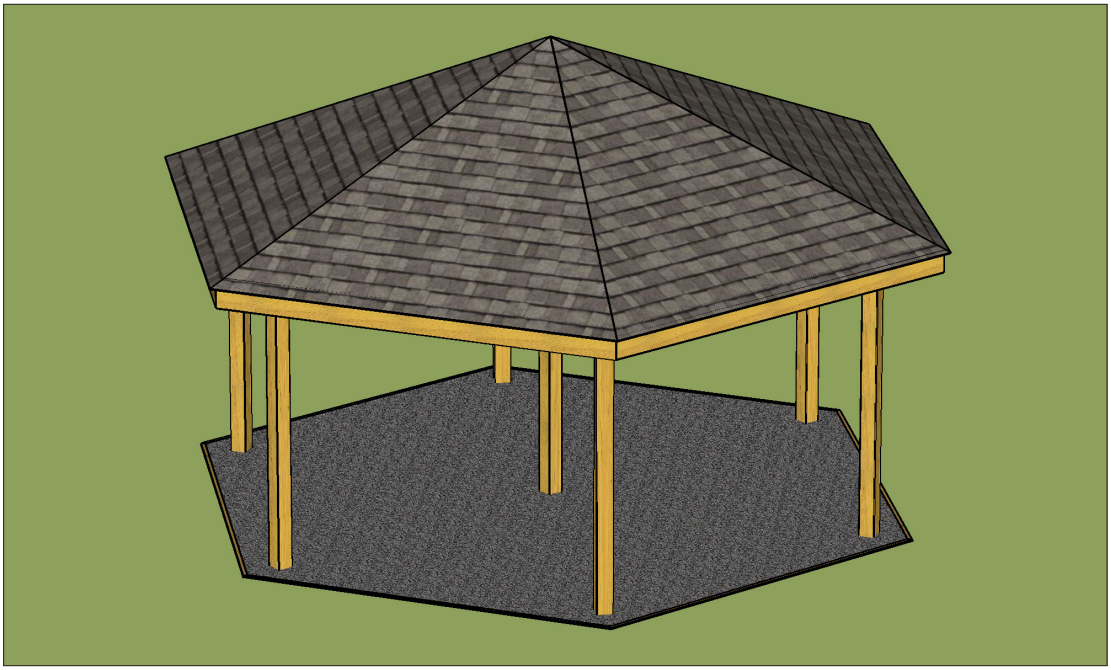
STEP 21

Roof Material Placement - Continued



21.3
Apply 1' wide strip of tar paper over kiosk roof seams, overlapping as specified in Note 21.1.

Note:
Neatly trim tar paper edges at fascia board.



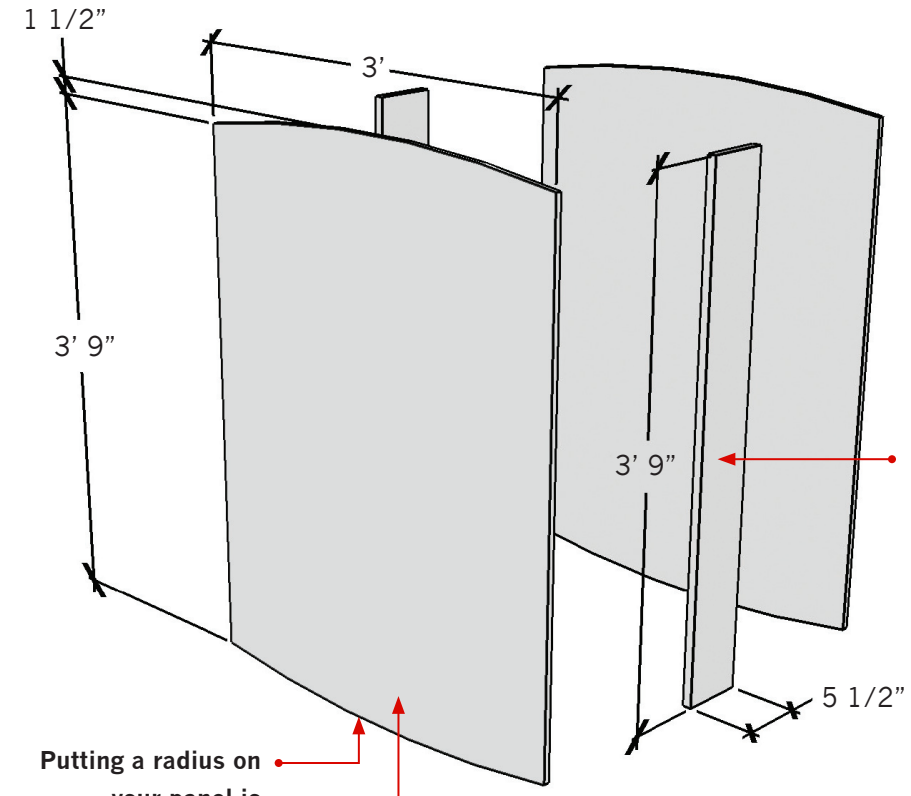
21.5
Shingle roof with choice of shingle type and colour. Affix shingles with 1" galvanized roofing nails.

21.6
Install first row of shingles snug along drip edge. The next row of shingles to be installed according to manufacturer's directions. These directions are normally provided on the shingle packaging.

PIECES

P14

The following materials are required to complete Step 22.



Side Panel
Material: 8’ x 2”x 6” clear pine
Quantity: 2

Sign Panels: Dimensions & Quantity
Material: 4’x 8’ x 3/4” marine grade plywood
Quantity: 2

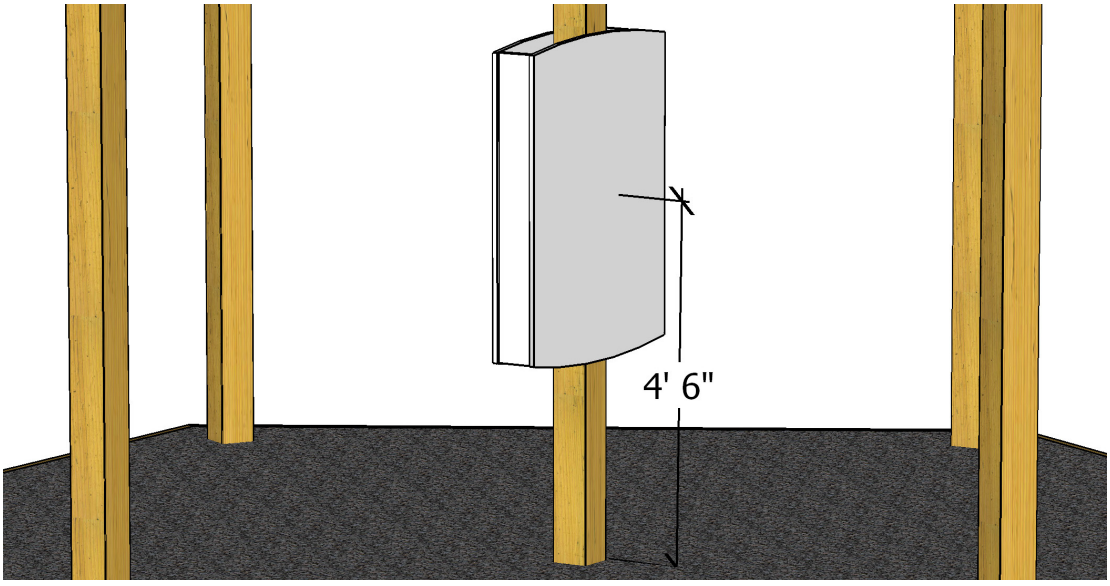
Putting a radius on your panel is optional. This an easy way of adding detail to your kiosk

Sign panels to be cut from plywood sheet

STEP

22

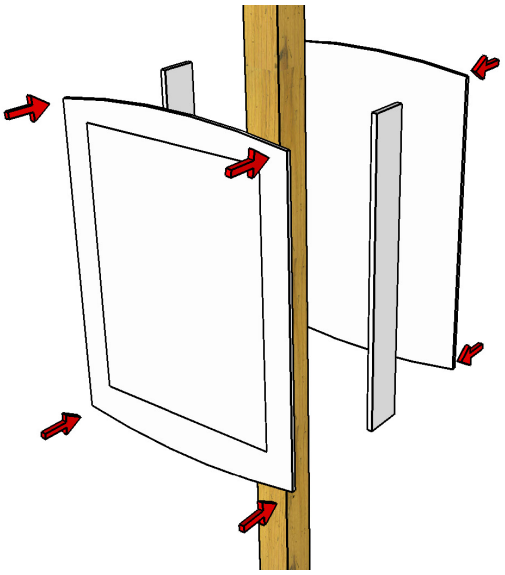
Information Panel Placement



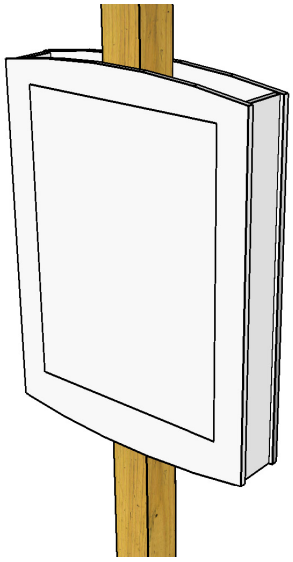
22.1
Before permanently attaching, temporarily attach the panels to the centre post ensure that they are straight, level, and at the indicated height above the kiosk pad. This measurement is to the centre of the panel.

STEP 22

Information Panel Support Placement - Continued



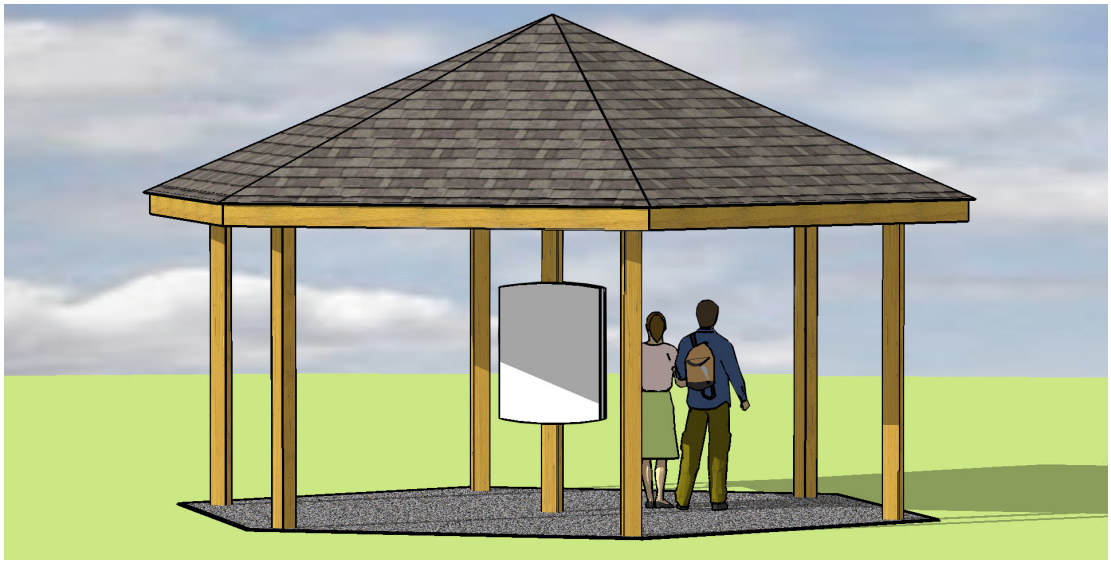
22.2
Attach each panel to support post with four evenly spaced zinc 2" #12 wood screws. Ensure that each panel is centred on support post.



22.3
Fasten side boards to panels with four evenly spaced, zinc 1 1/2" #6 wood screws.

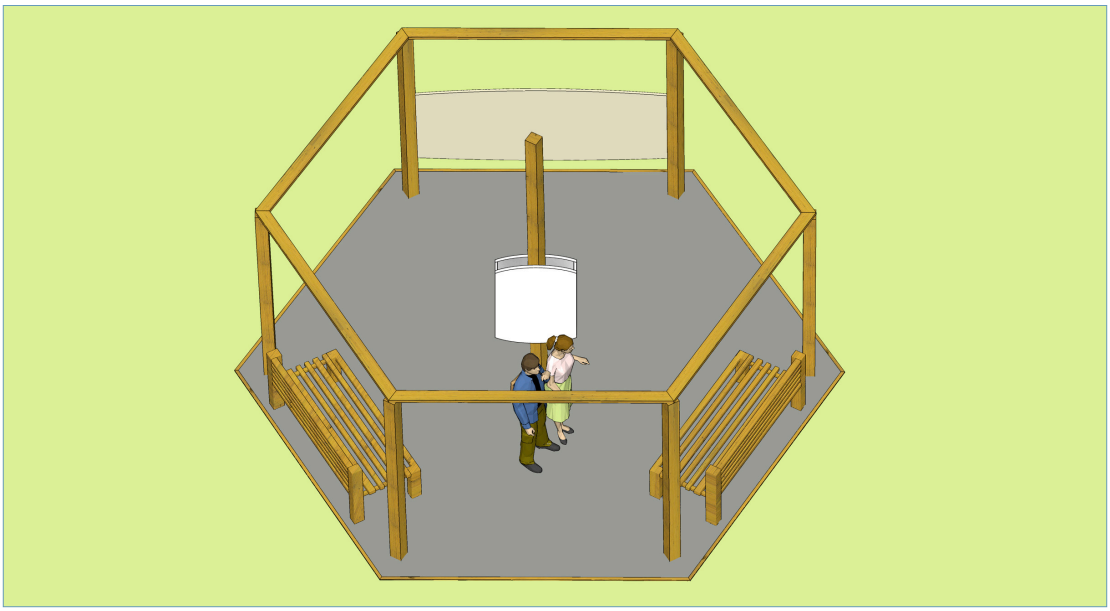
FINAL F

Finished Kiosk



Notes:

- *To increase the longevity of your panels, it is strongly recommended that they are sealed with an exterior grade primer prior to attaching your information panels.*
- *The information panels are essentially blank slates. It is within these areas that you can carry your community's message forward.*
- *A few suggestions: The panels could have wayfinding maps, photos of local points of interest, festival notices, etc. The choices are yours.*
- *There are a variety of options you may use to apply this information. Adhesive vinyl overlays could be directly applied to the panels, or the use of sintra, a type of acrylic sheeting, should be considered. Relatively inexpensive, sintra is readily available, and can be directly printed on by most sign makers. Using sintra panels will allow you to inexpensively and easily update your information.*
- *Whatever approach you take, keep in mind that it should be weather-proof, easily changed and/or replaced.*



Notes:

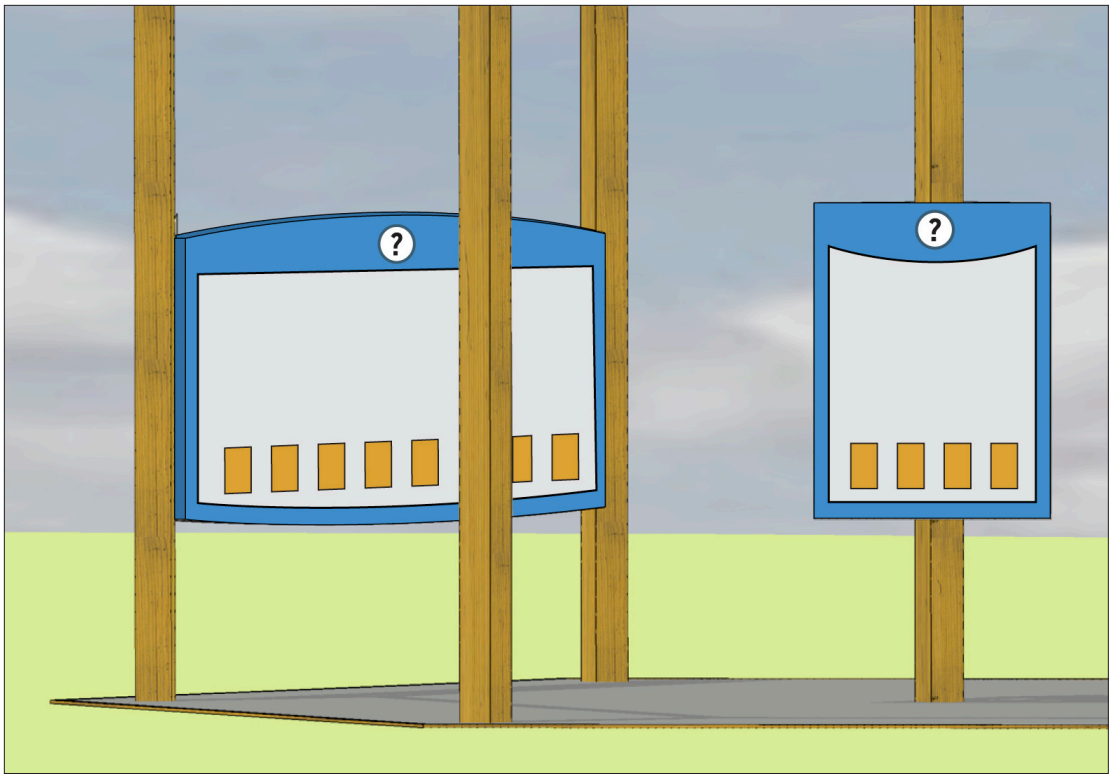
- *An area for benches has been provided within the kiosk. To ensure that this area is not over-crowded, there should be a minimum of 5' from the panel face to the bench seat.*
- *You may want to consider the addition of a large panel at the back of the kiosk. When deciding on placing this panel, be careful not to block important vistas, or for security reasons, obstruct views into the kiosk itself.*
  Refer To Appendix C for installation details.

Notes:

- *The installation of a 'banner' area around the kiosk perimeter will add to its overall appearance and provides additional space to promote your community.*
- *These panels could be fabricated from 3/4" marine grade plywood, 1" x 6" board or acrylic sheets.*

Possible Graphic Areas

Kiosk Options



Weather-proof Brochure

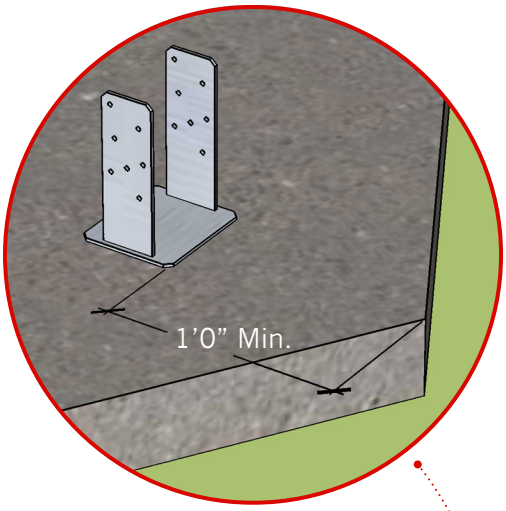
- *You should attach weather-proof brochure dispensers to your kiosk. These items are inexpensive and will promote local businesses and attractions. They may be purchased on-line at: http://www.smsproducts.com/brochure-boxes.aspx*
- *Indicated brochure placements are suggestions only.*
- *Install brochure holders according to manufacturer's directions.*

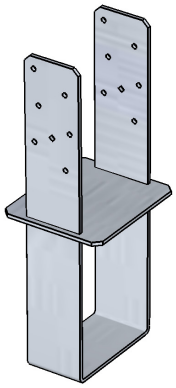
Possible Graphic Areas

Graffiti Protection:

- *Graffiti is a recurring problem today. There are a couple of ways to protect your information panels. The first is to screw a protective 1/8" sheet of sintra over the panel.*
- *ArmorAll is also effective, as paint and markers won't adhere to this product. Spray the entire surface you wish to protect with the ArmorAll and wipe lightly with a cloth. Repeat this application every 2–3 weeks.*

Notes:
- *The details for the construction of a concrete pad are included as an alternative to the gravel pad as detailed in Step 8.*
- *Unless there is a member of your group that has the required specialized concrete equipment and skills, the construction of the concrete pad should be completed by competent professionals.*

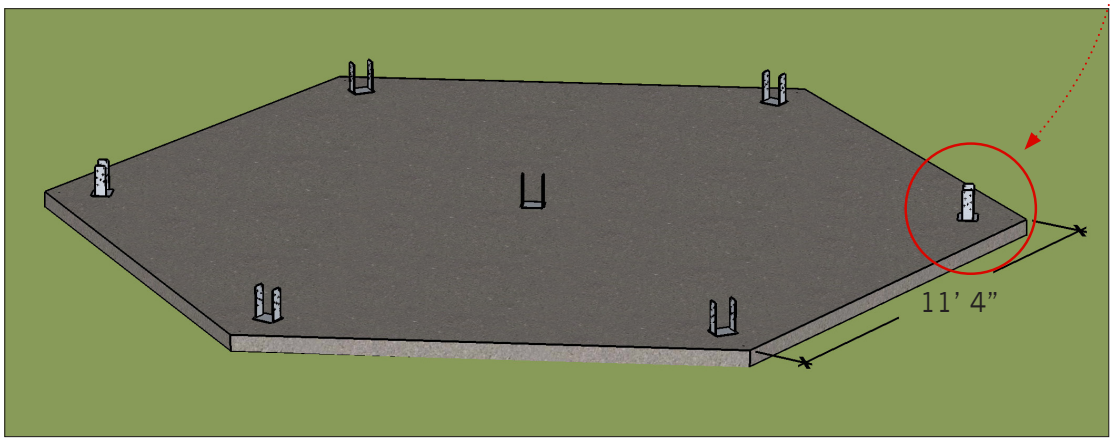




Component

Column Base:
Material: galvanized steel
Quantity: 7

Notes:
- *Column Base to be Model # LCB66 as manufactured by Simpson Strong-Tie.*
- *Simpson Strong-Tie products are available from Kent Building Supplies.*
- *This may be a special order item.*



5'' minimum depth of 30 MPa concrete

6'' minimum compacted depth of Class A gravel

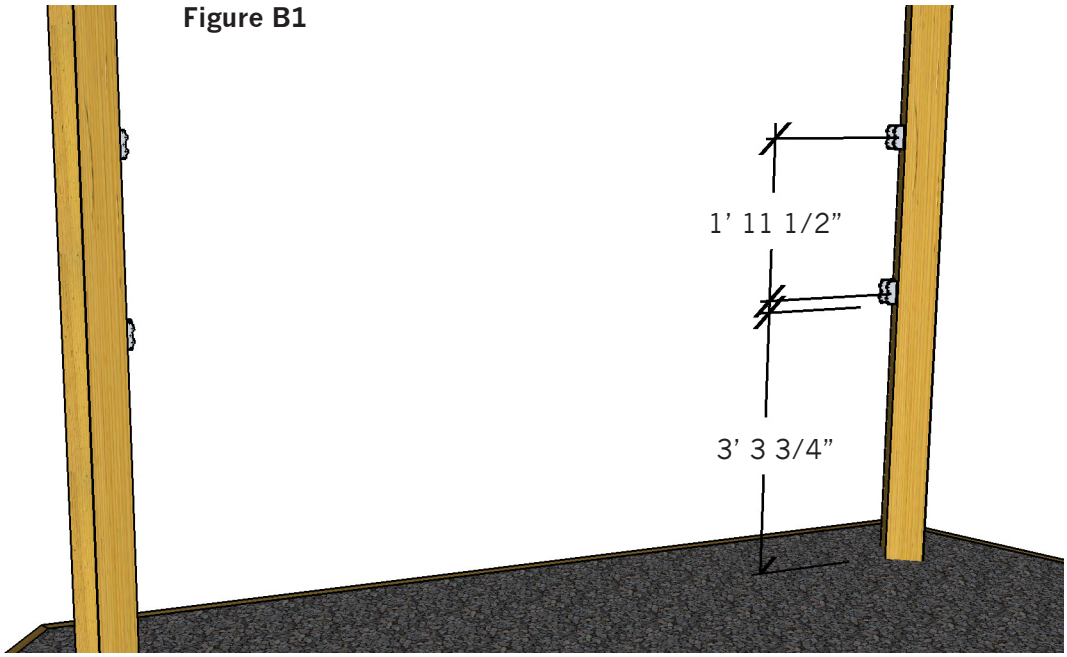
Excavated area

Notes:
- *The concrete pad area should be excavated as specified in Step 1.*
- *Refer to Step 2 for the timber edge details and Step 3 to locate the suuport posts locations.*
- *After the removal of the timber edge, the area should be restored as noted in Step 7.*
- *All concrete should be delivered to the site, placed and protected while curing to best trade practice.*

Appendix B

Large Panel Installation

Figure B1



Component

Field Adjustable Gusset Angles:
Material: 18 gauge, galvanized steel
Quantity: 4

Notes:
- *Gusset Angle to be Model # LS70 as manufactured by Simpson Strong-Tie.*
- *Simpson Strong-Tie products are available from Kent building Supplies.*
- *This may be a special order item.*

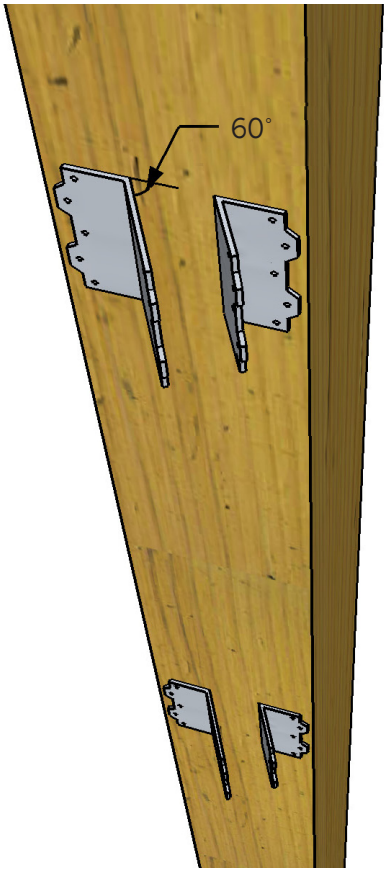


Figure B2

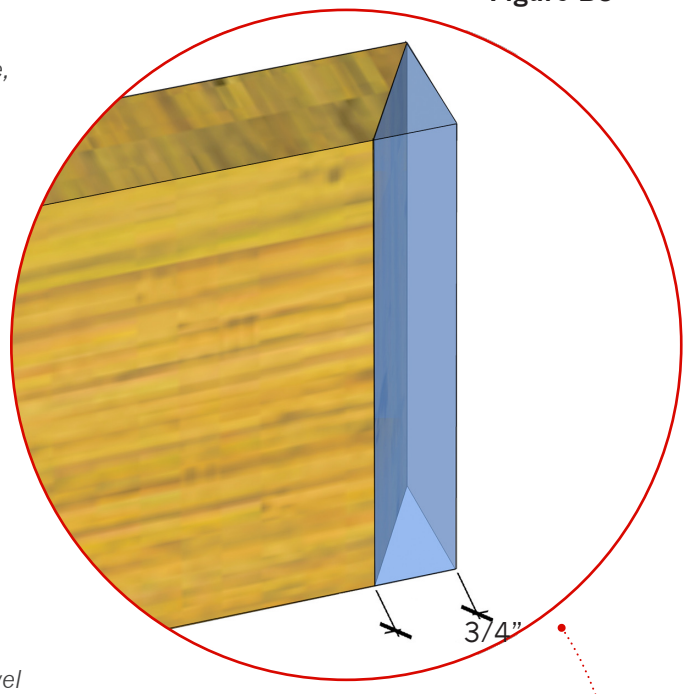
INSTALLATION NOTES

- *Adjust gussets to a 60˚ angle as per manufacturer’s specifications.*
- *Before fastening, ensure that the gussets are at the heights indicated in Figure B1. The gussets should also be placed so that this panel is centered on the respective support posts and placed to accommodate the proposed panel’s width.*
- *Using 0.148” dia. x 3” long galvanized nails, securely fasten the gussets at the heights indicated in Figure B1.*

Horizontal Panel Support Brace:

Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimension: 2"x 6" x 10'
Quantity: 2

Figure B3



INSTALLATION NOTES

- *Confirm the required measurements before cutting the timbers. Actual lengths will have to be measured to conform to actual distance between the installed support posts.*
- *Ensure that the support braces are level before permanently attaching.*
- *Timber end angle to be cut as shown in Figure B3, to permit it to fit snug between the designated support posts.*
- *Using 0.148" dia. x 1" long galvanized nails, securely fasten the 2" x 6" timbers.*

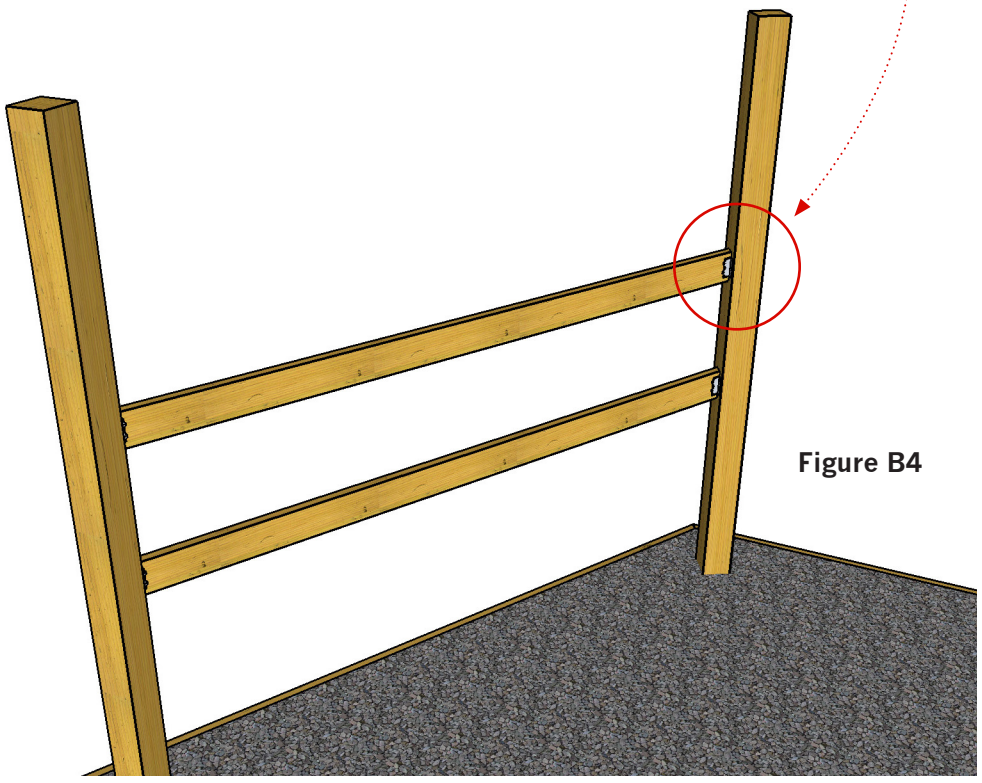
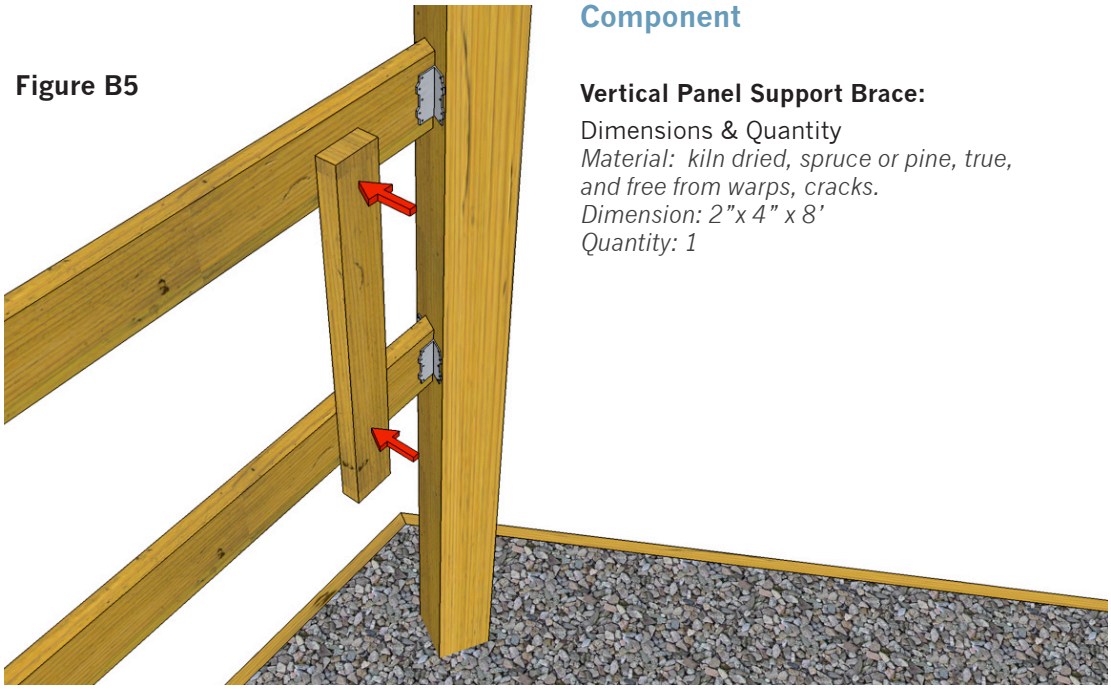


Figure B4

Appendix B

Large Panel Installation - Continued

Figure B5



Component

Vertical Panel Support Brace:

Dimensions & Quantity
Material: kiln dried, spruce or pine, true, and free from warps, cracks.
Dimension: 2"x 4" x 8'
Quantity: 1

Installation Notes:

- *Confirm the required measurements before cutting the timbers. Actual lengths should be measured after the horizontal support braces are in place.*
- *Individual timber lengths should be flush with the top and bottom of the respective horizontal support braces.*
- *Ensure that the timbers are perpendicular to the horizontal support braces before permanently attaching.*
- *First centre the middle brace and position the side braces as shown in Figure B6.*
- *Using 0.148" dia. x 3" long galvanized nails, securely fasten the 2" x 4" braces in place.*

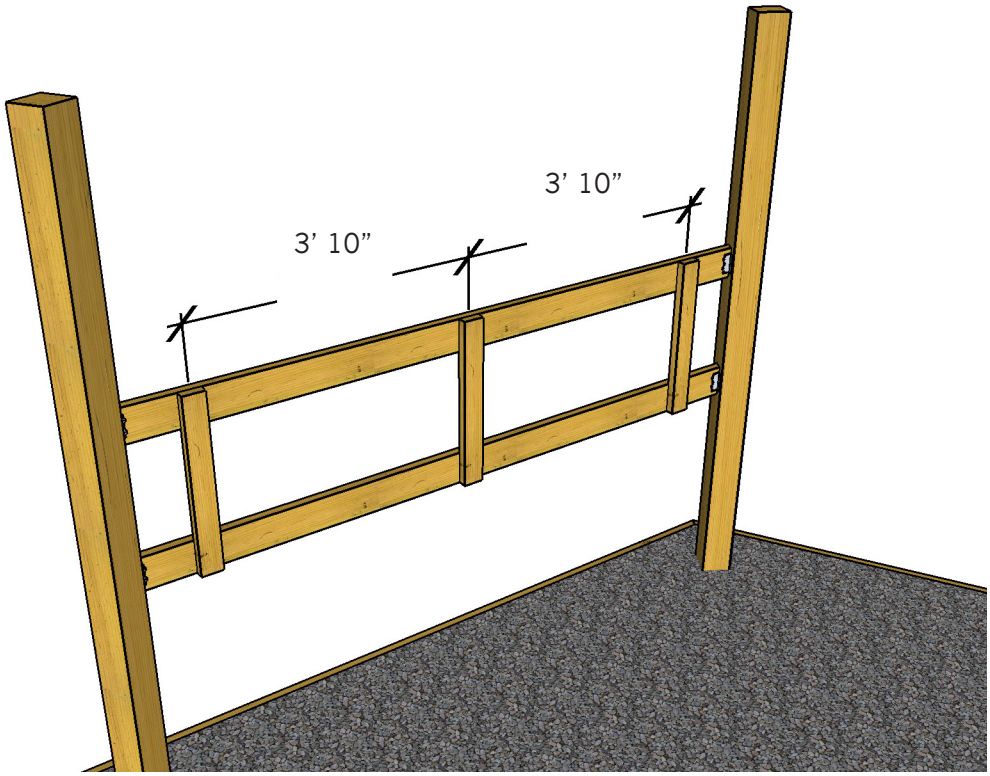
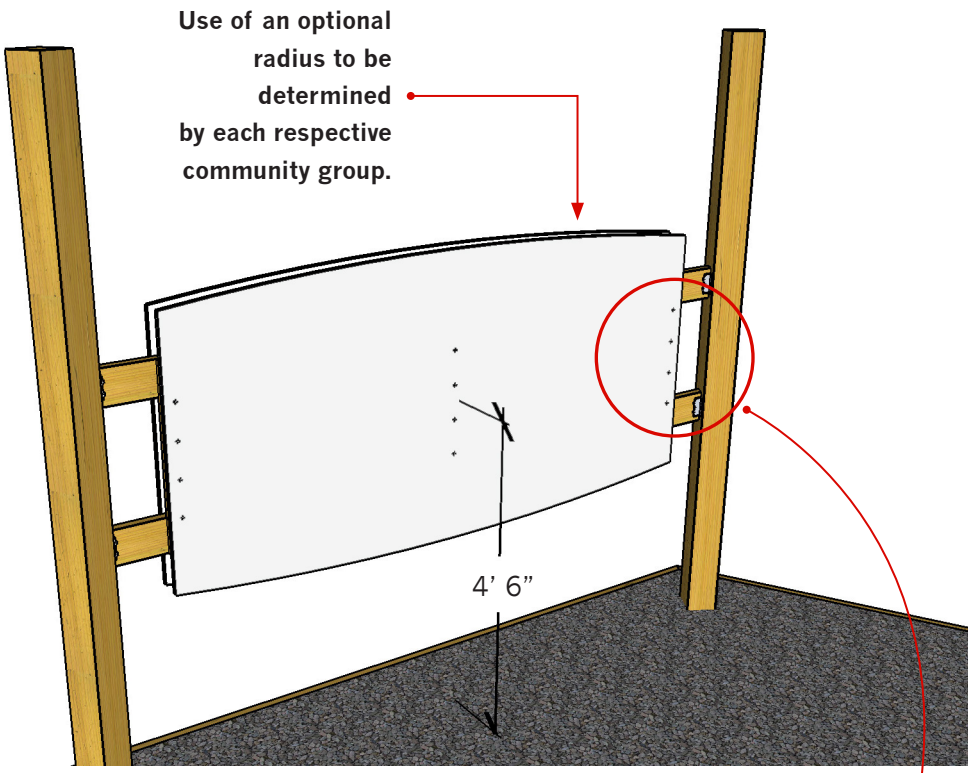


Figure B6

Figure B7



Component

Information Panel: Dimensions & Quantity
Material: Marine grade plywood
Dimension: 4’ x 8’ x 3/4”
Quantity: 2

Installation Notes:
- *With clamps, temporarily place the sign panels to the height indicated in Figure B7.*
- *Ensure that each panel is centred between support posts and is level before fastening.*
- *Attach each panel to support post with four evenly spaced zinc 2” #12 wood screws per vertical support brace.*

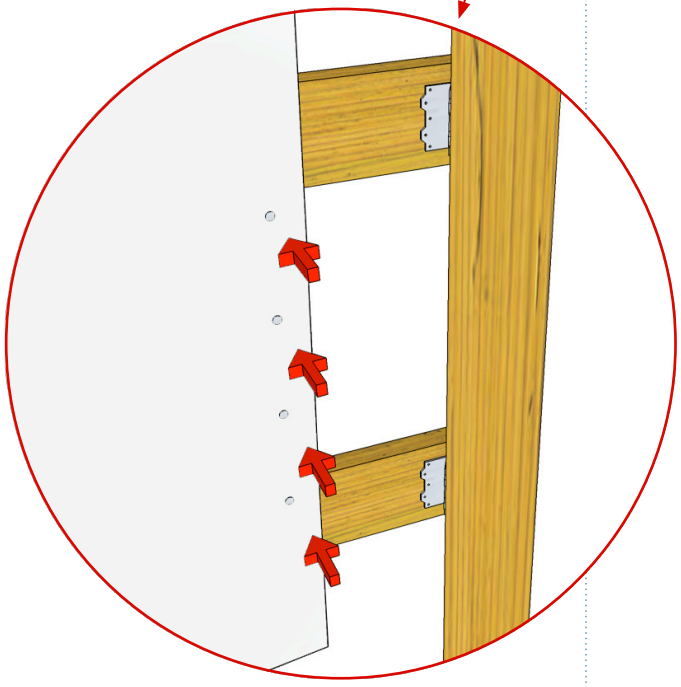
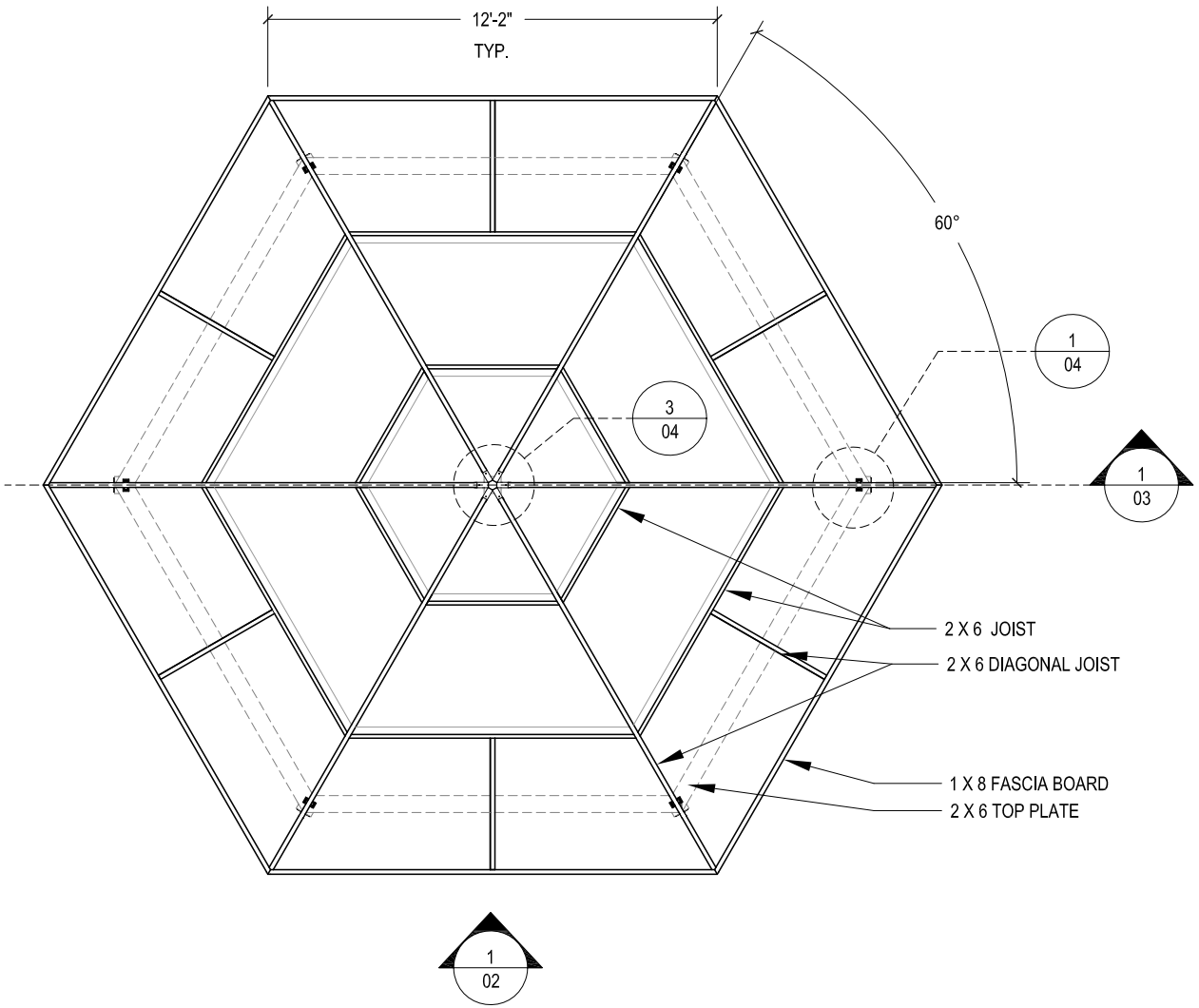


Figure B8



1 FRAMING PLAN

SCALE: 1/4" = 1'

NOTE:

1. ALL FASTENERS TO BE CORROSION RESISTANT, ie ZINC OR GALVANIZED.
2. COLUMNS TO BE PLUMB AND TRUE.
3. SHINGLE AND COLOUR TYPE IS TO BE DETERMINED BY OWNER
4. IF A CONCRETE SLAB IS TO BE CONSTRUCTED, THE EXCAVATED DEPTH IS 11".

form:media

Project Name
Parrsboro Kiosks

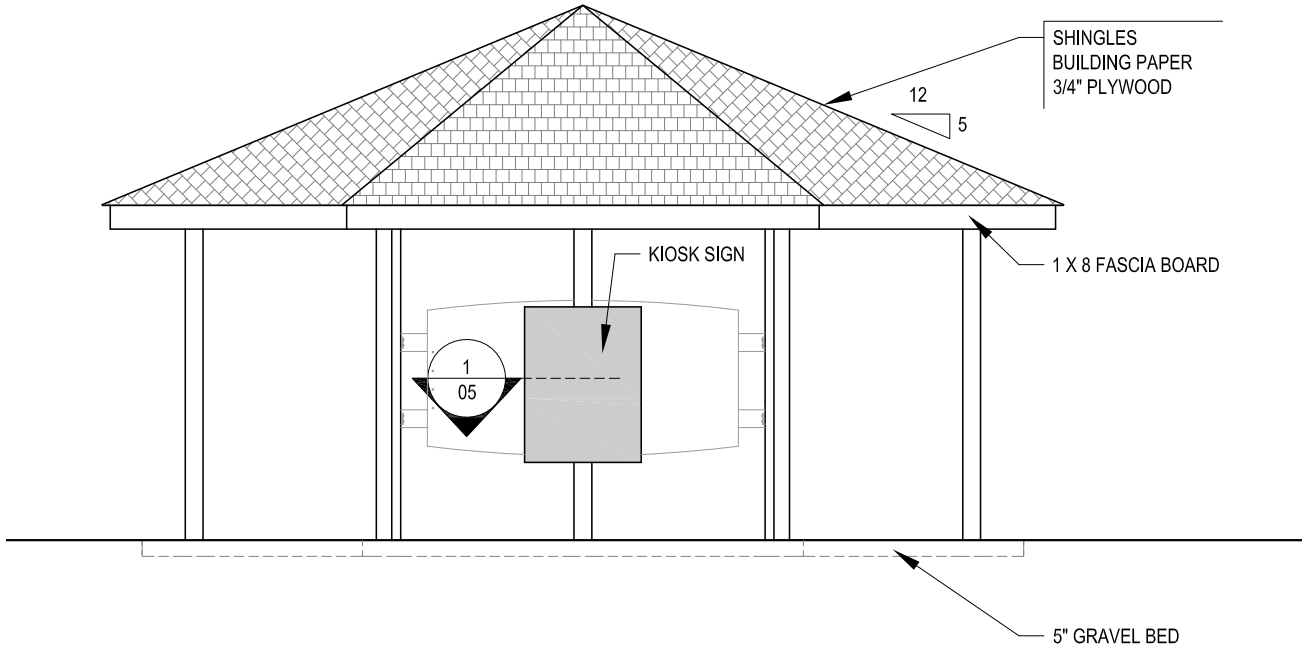
Drawing Title
Framing Plan

Date	Scale
07/16/08	1/4" = 1'

Sheet
01

NOTE:

1. ALL FASTENERS TO BE CORROSION RESISTANT, ie ZINC OR GALVANIZED.
2. COLUMNS TO BE PLUMB AND TRUE.
3. SHINGLE AND COLOUR TYPE IS TO BE DETERMINED BY OWNER
4. IF A CONCRETE SLAB IS TO BE CONSTRUCTED, THE EXCAVATED DEPTH IS 11".



1 ELEVATION
SCALE: 1/4" = 1'-0"

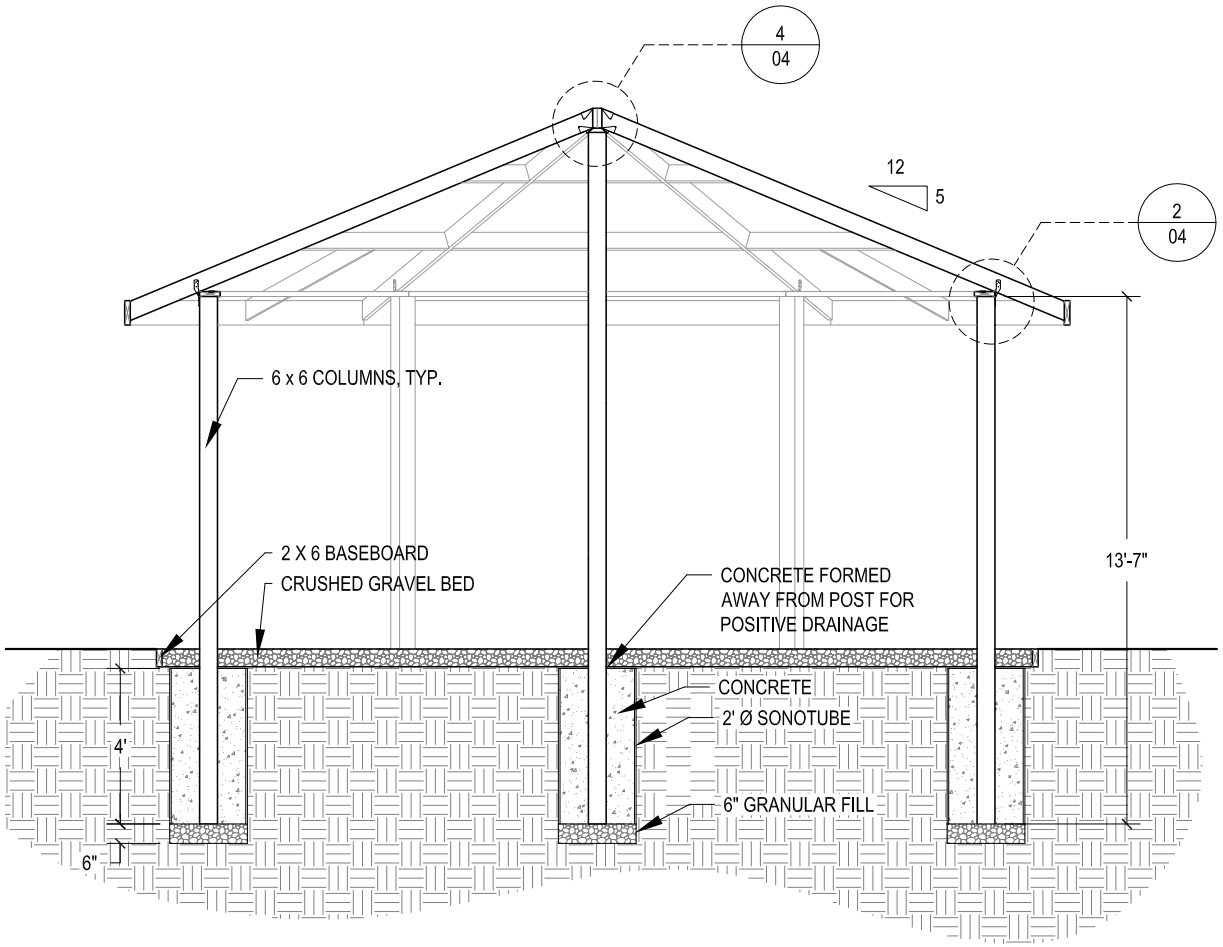
form:media

Project Name
Parrsboro Kiosks

Drawing Title
Elevation

Date	Scale
07/16/08	1/4" = 1'

Sheet
02



1 SECTION

SCALE: 1/4" = 1'-0"

NOTE:

1. ALL FASTENERS TO BE CORROSION RESISTANT, ie ZINC OR GALVANIZED.
2. COLUMNS TO BE PLUMB AND TRUE.
3. IF A CONCRETE SLAB IS TO BE CONSTRUCTED, THE EXCAVATED DEPTH IS 11".

form:media

Project Name
Parrsboro Kiosks

Drawing Title
Section

Date
07/16/08

Scale
1/4" = 1'

Sheet
03

NOTE:

1. ALL FASTENERS TO BE CORROSION RESISTANT, ie ZINC OR GALVANIZED.
2. COLUMNS TO BE PLUMB AND TRUE.
3. IF A CONCRETE SLAB IS TO BE CONSTRUCTED, THE EXCAVATED DEPTH IS 11".

form:media

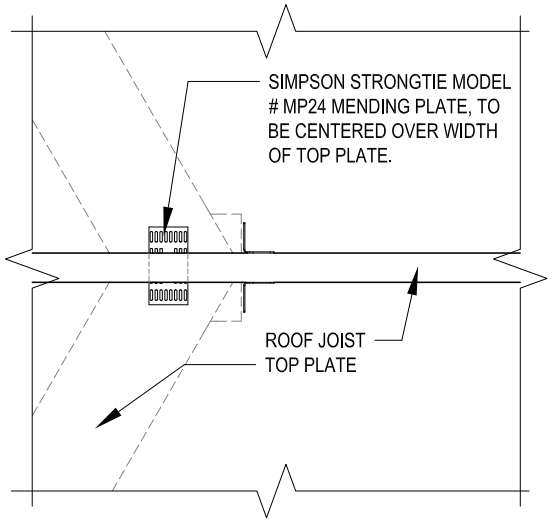
Project Name
Parrsboro Kiosks

Drawing Title
Details

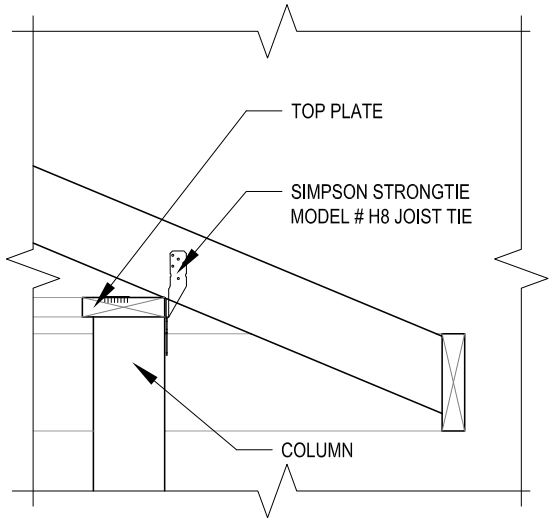
Date
07/16/08

Scale
-

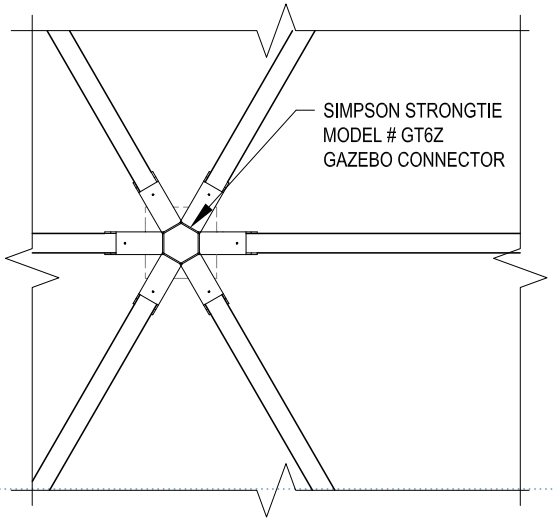
Sheet
04



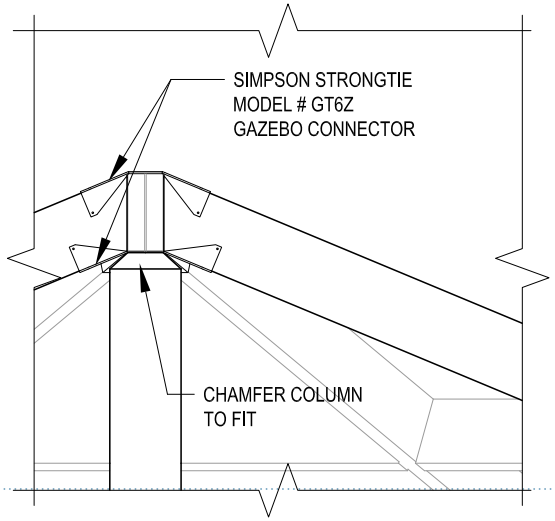
1 MENDING PLATE
SCALE: 1 1/2" = 1'-0"



2 JOIST TIE
SCALE: 1" = 1'-0"

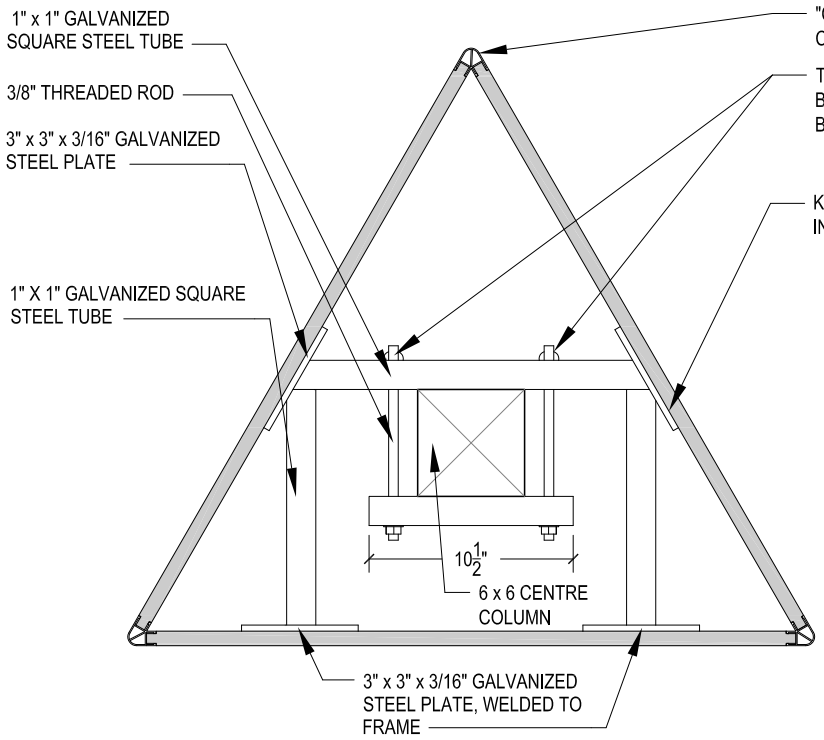


3 GAZEBO CONNECTOR
SCALE: 1" = 1'-0"



4 GAZEBO CONNECTOR
SCALE: 1" = 1'-0"

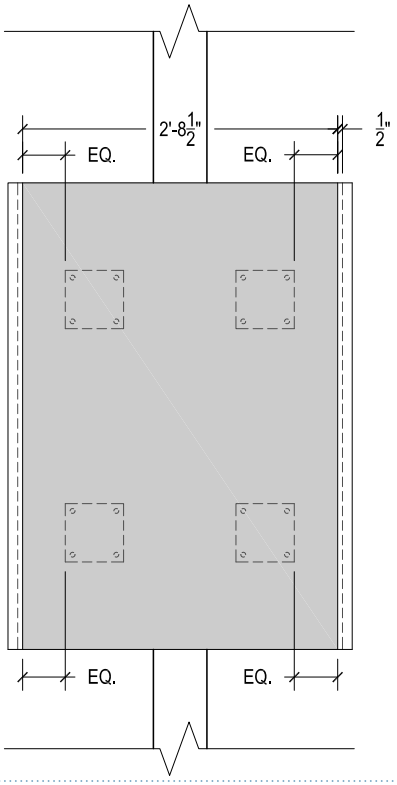
Submitted by form:media



2
105

1 SIGN PLAN DETAIL

SCALE: 1 1/2" = 1'-0"



2 SIGN ELEV DETAIL

SCALE: 3/4" = 1'-0"

NOTE:

1. ALL FASTENERS TO BE CORROSION RESISTANT, ie ZINC OR GALVANIZED.
2. COLUMNS TO BE PLUMB AND TRUE.
3. IF A CONCRETE SLAB IS TO BE CONSTRUCTED, THE EXCAVATED DEPTH IS 11".

form:media

Project Name
Parrsboro Kiosks

Drawing Title
Optional Details

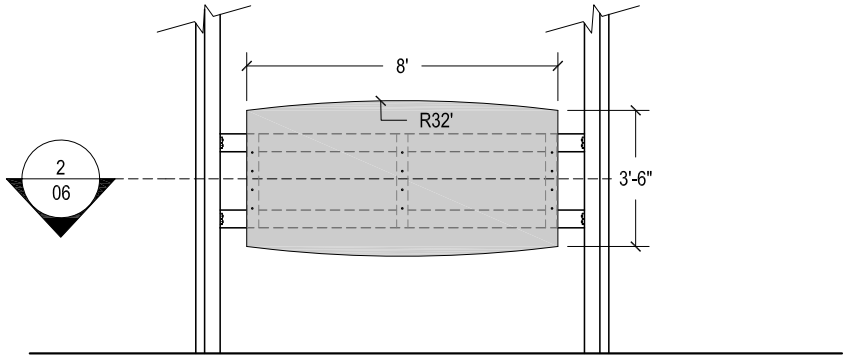
Date
07/16/08

Scale
-

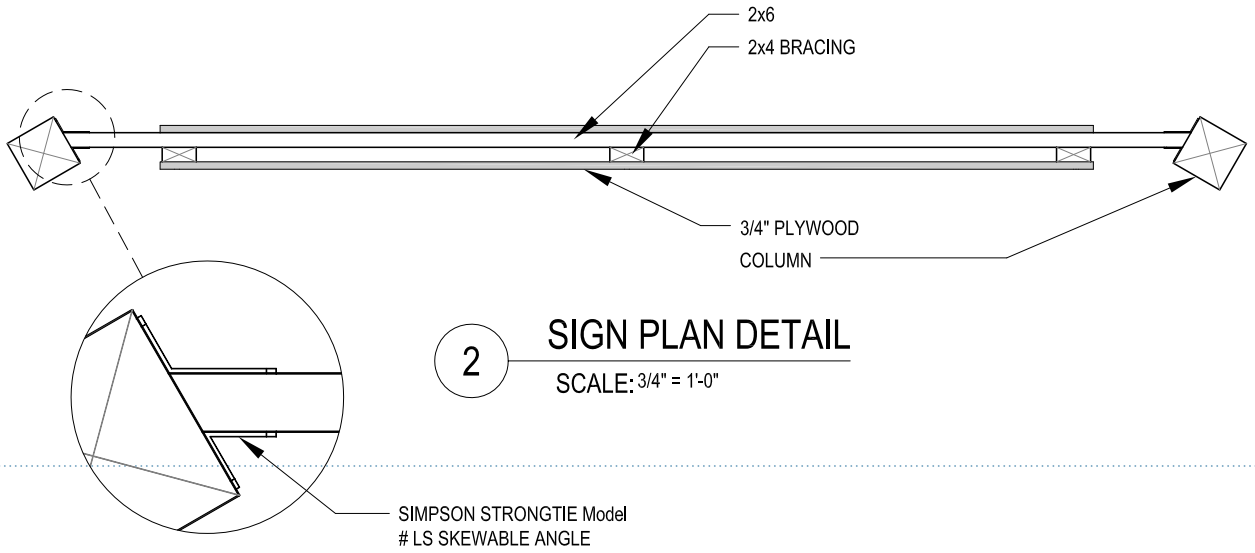
Sheet
05

NOTE:

1. ALL FASTENERS TO BE CORROSION RESISTANT, ie ZINC OR GALVANIZED.
2. COLUMNS TO BE PLUMB AND TRUE.
3. IF A CONCRETE SLAB IS TO BE CONSTRUCTED, THE EXCAVATED DEPTH IS 11".



1 SIGN ELEV DETAIL
SCALE: 1/4" = 1'-0"



2 SIGN PLAN DETAIL
SCALE: 3/4" = 1'-0"

form:media

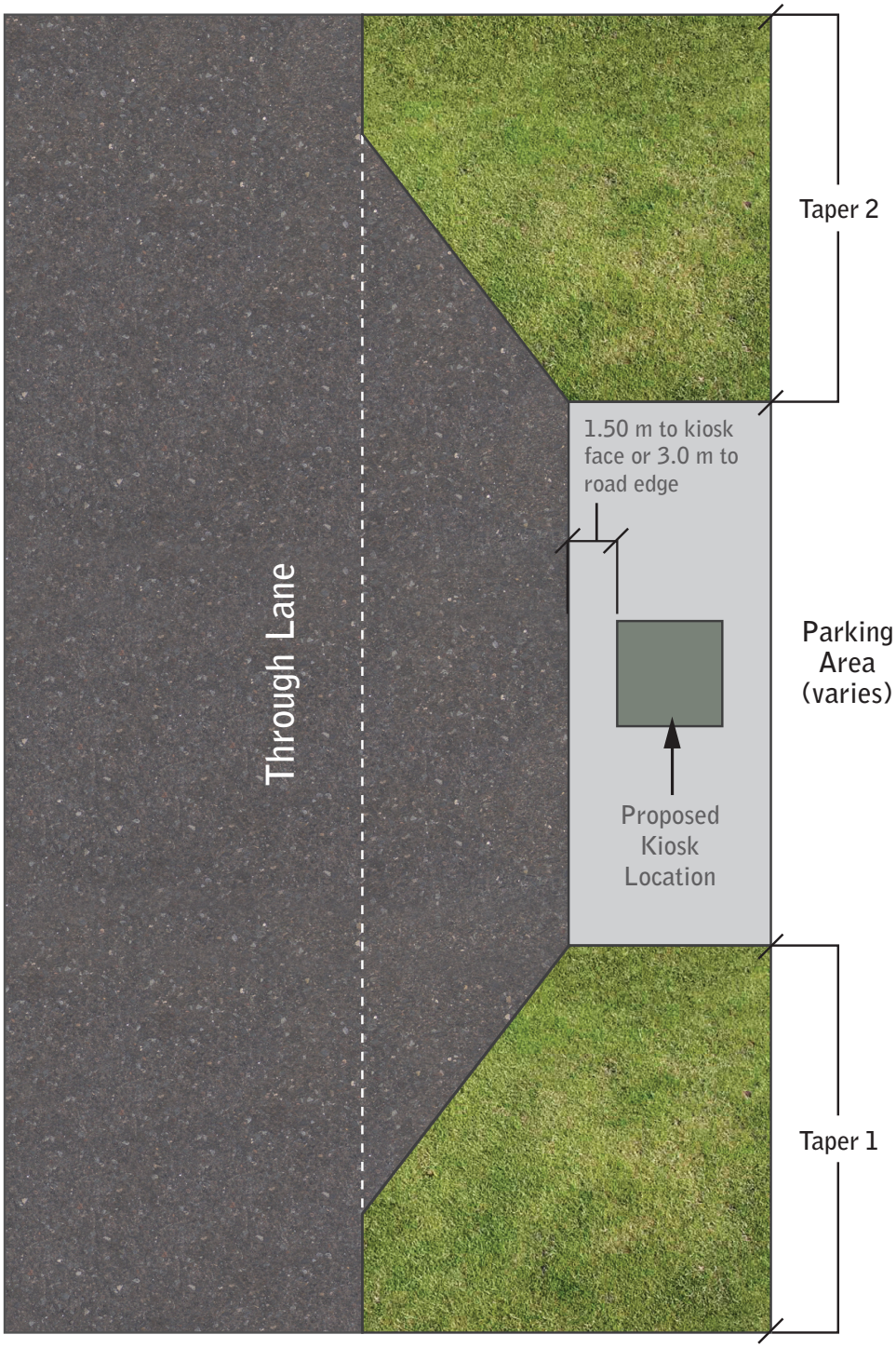
Project Name
Parrsboro Kiosks

Drawing Title
Sign 2 Details

Date
07/16/08

Scale
-

Sheet
06



Road Design Speed (km/h)	Taper (metres)	Taper (metres)	Taper (metres)
30–50	6	6	65
50–70	12	12	85

Note: These distances are suggestions only and should be approved by your local municipality.

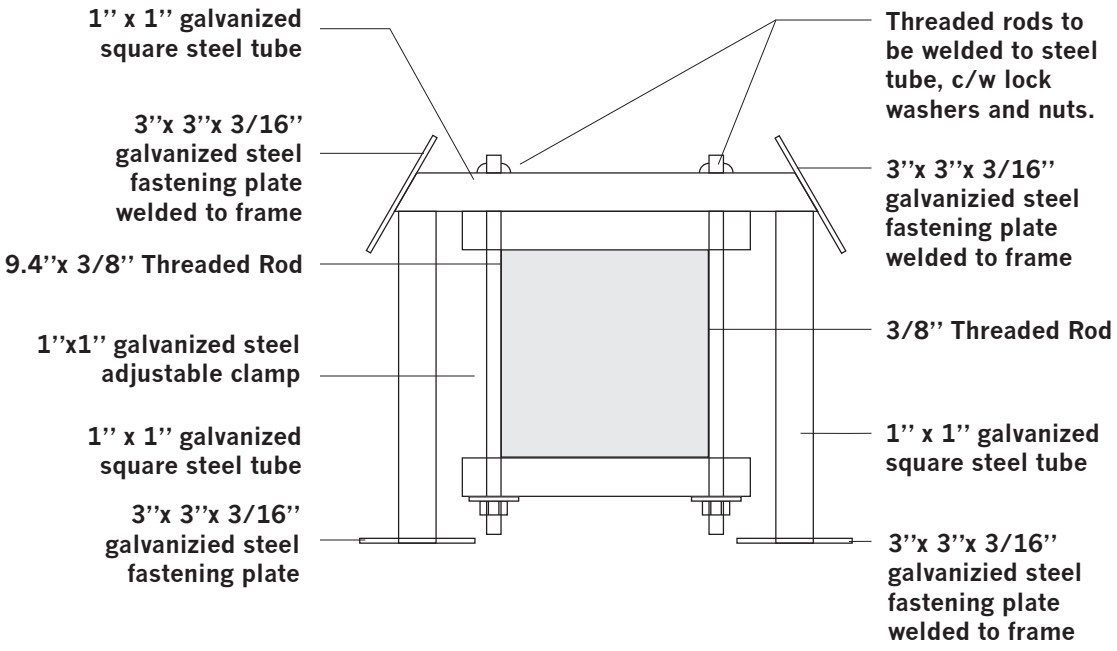
Appendix E

Material Shopping List

	Large Kiosk		Quantity	Unit
Timber				
	Member			
1	Form Timber	2"x 6" -12' Length	6	
2	Wood stakes	2"x 2" -2' Length	24	
3	Centre Post	6"x 6" -18' Length	2	
4	Side Post	6"x 6" -12' Length	6	
5	Roof Joist	2" x 4" - minimum length: 6'	9	
6	Top Plate	2" x 6" - minimum length: 12'	6	
7	Rafter 'A'	2" x 6" - minimum length: 14'	6	
8	Rafters 'B'and 'C'	2" x 6" -minimum length: 8'	9	
9	Rafter 'D'	2" x 6" - minimum length: 10'	3	
10	Fascia Board	1" x 8" x 14' - clear pine	6	
11	Roof Sheathing	3/4" x 4' x 8' plywood sheet, good one side	24	
12	Fascia Board	2" x 4" x 12' - clear pine	2	
13	Side Panel	2" x 6" - minimum length: 8'	1	
14	Face Panels	½" x 4' x 8' plywood sheet - marine grade *	2	
Fasteners				
15	3" galvanized spiral nails		6	2kg box
16	2½" galvanized spiral nails		6	2kg box
17	2" galvanized spiral nails		3	2kg box
18	1½" galvanized spiral nails		2	2 kg box
19	1" galvanized roofing nails		7	2kg box
20	1½" #6 zinc plated wood screws		2	50 pc. box
21	2" #12 zinc plated wood screws		2	40 pc. box
Miscellaneous				
22	Mending Plate - Simpson Strong-Tie: Model#: MP36		6	
23	Joist Tie - Simpson Strong-Tie: Model#: H8		12	
24	Gazebo Connector - Simpson Strong-Tie: Model#: GT6Z		2	
25	24" diameter Sonotube. 4' length		7	
26	Roll of Roofing Felt (450 square foot coverage required)		2.5	rolls
27	One bundle of shingles or steel corrugated roof sheets. 450 square foot coverage required.		5	bundles
28	½" Galvanized staples (for roofing felt)		2	boxes
29	Concrete		25	bags
30	Drip edge - 12' length		6	
Total				

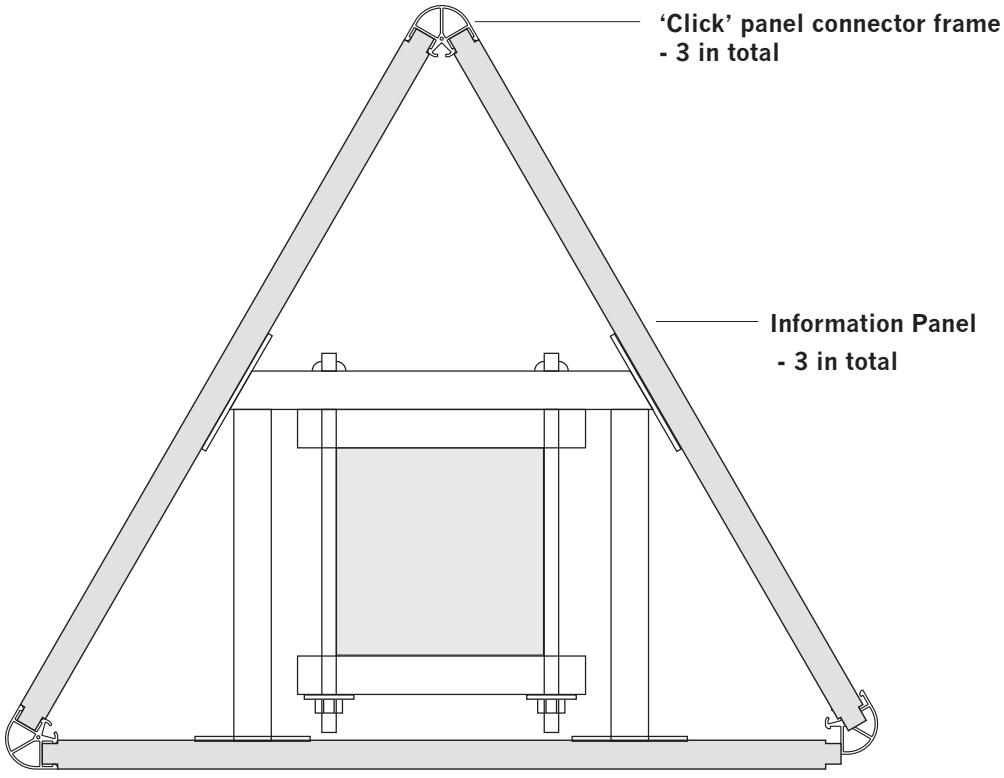
Note:

- *The use of weather-proof brochure holders is strongly recommended. These items are usually not available from a typical hardware outlet.*
  It is easiest to purchase these items from an internet source. Try http://www.smsproducts.com/brochure-boxes.aspx



Notes:

- *Refer to Appendix B for additional Panel Mounting Bracket details.*
- *Two Mounting Bracket Assembly units are required.*
- *In most cases, you will require the services of a local metal fabricator.*
- *For longevity, the entire unit (aside from the threaded rods) should be galvanized.*
- *The square steel tube should be a minimum of 1/8" thick.*
- *Ensure that the threaded rod is centred on the steel tube before welding.*
- *Three lengths of 'Click' panel connectors are required.*
  The 'Click' connectors shall be cut to accommodate the information panel length.
  'Click' connectors are available from Atlantex Creative Works -902 827-5300. Ask for Kevin Baker.



Appendix F

Optional Three-sided Centre Panel

Plan View of Panel Mounting Bracket Unit and Panel Configuration

Note:
It is strongly recommended that the mounting brackets, associated panels and 'Click' connectors be purchased as a complete unit.

Appendix F

Optional Three-sided Centre Panel

STEP

F1

Information Panel Mounting Bracket Placement

Figure F1-a

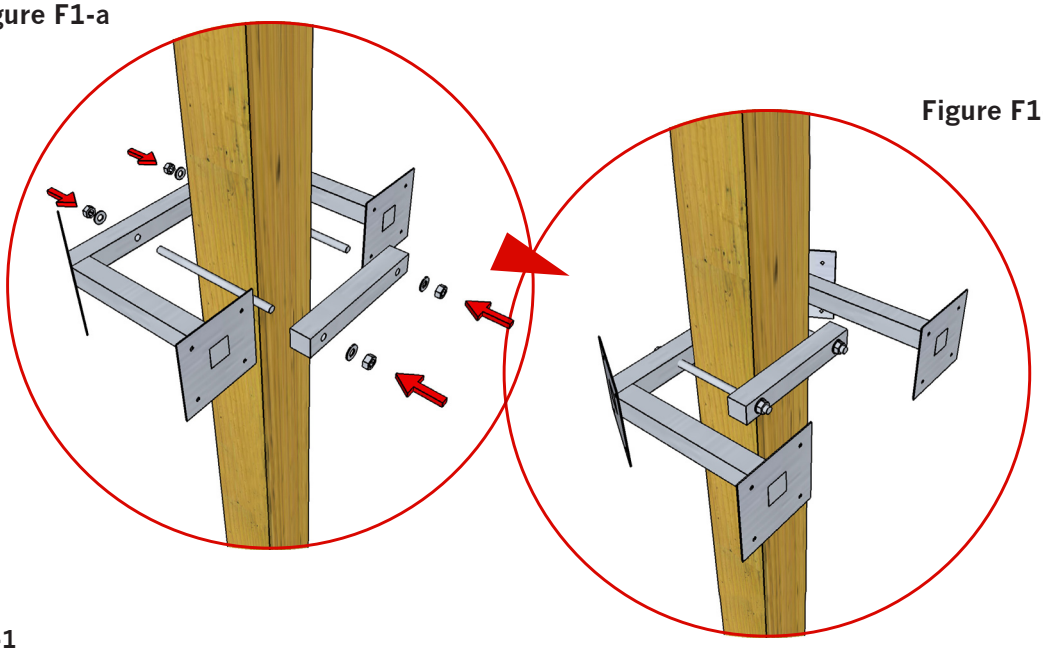


Figure F1-b

F1-1
Position the Panel Mounting Bracket Units on the kiosk centre post at the elevations indicated on Detail F1-c.

F1-2
Prior to tightening, ensure that the Panel Mounting Bracket Units are level.

Figure F1-c

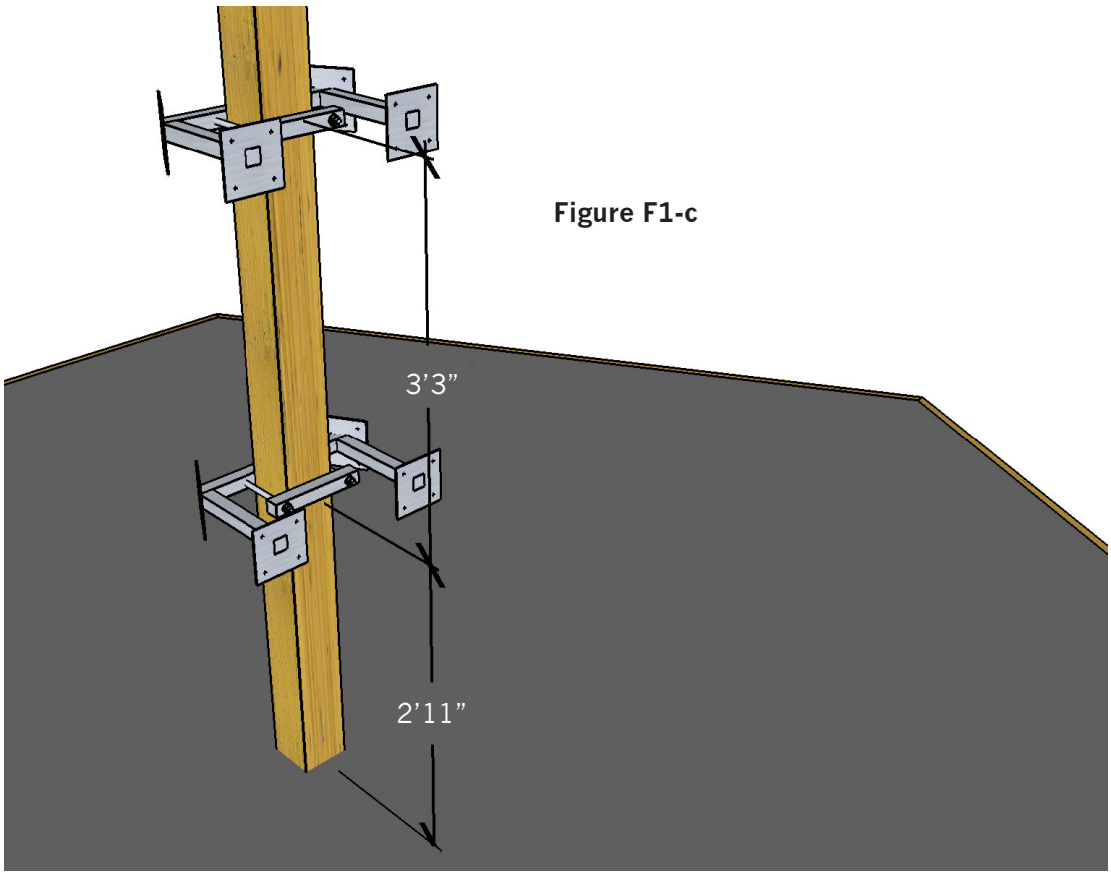
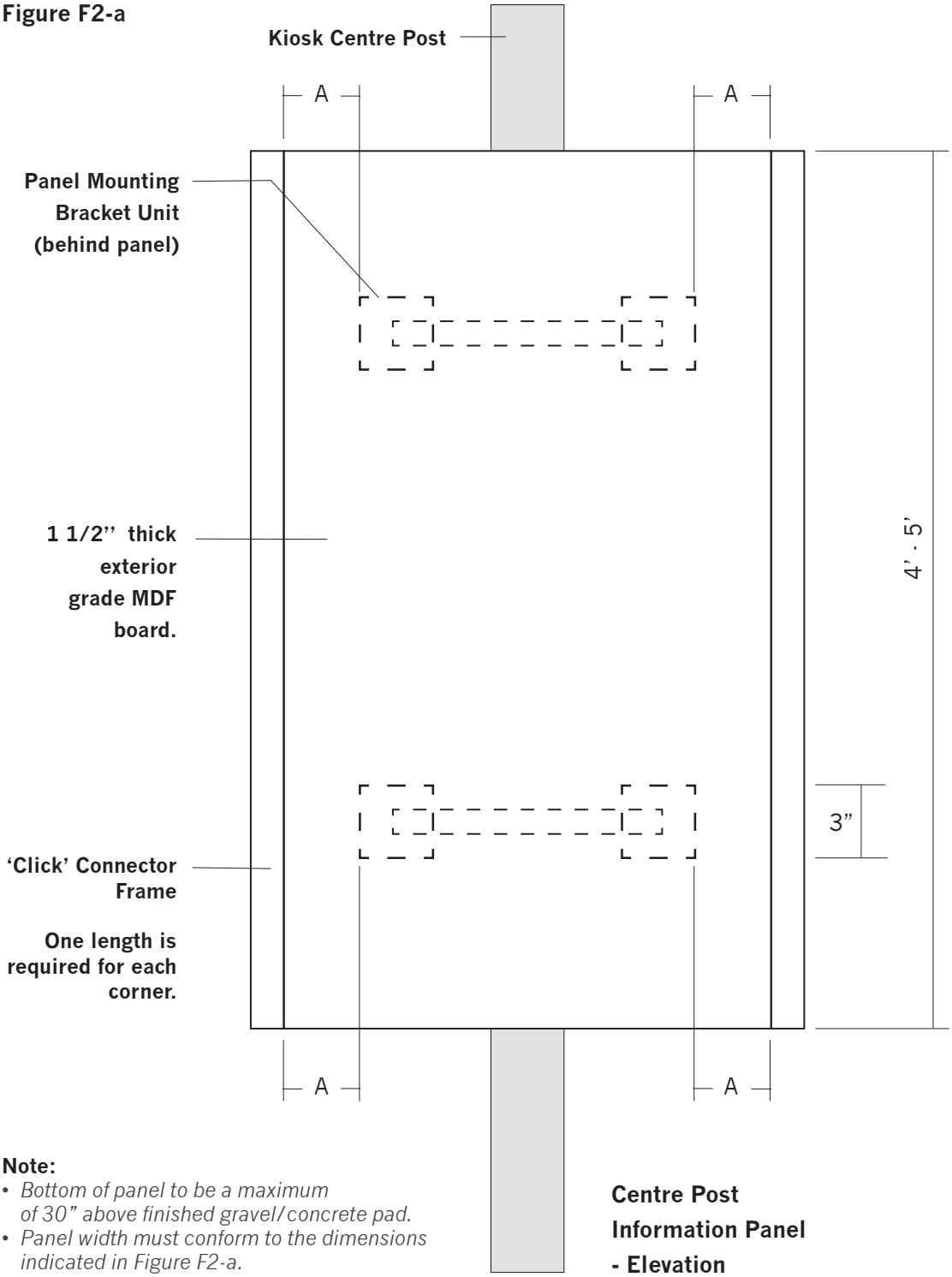


Figure F2-a



Centre Post Information Panel - Elevation

Note:

- *Bottom of panel to be a maximum of 30" above finished gravel/concrete pad.*
- *Panel width must conform to the dimensions indicated in Figure F2-a.*
- *The panel length and shape of the panel ends are variable and should be unique to reflect the nature of your community/site.*
- *The MDF boards are intended to provide a base for mounting your information panels.*
- *It is critical that the indicated distances "A" are all equal.*

Appendix F

Optional Three-sided Centre Panel

STEP

F2

Information Panel Criteria

Note:
Steps F2-1 through to F2-7 are only required if the panels are being fabricated by your group.

Again, due to the complexity of this unit, it is strongly recommended that the entire 3-sided panel be purchased as a complete unit.

Figure F2-b

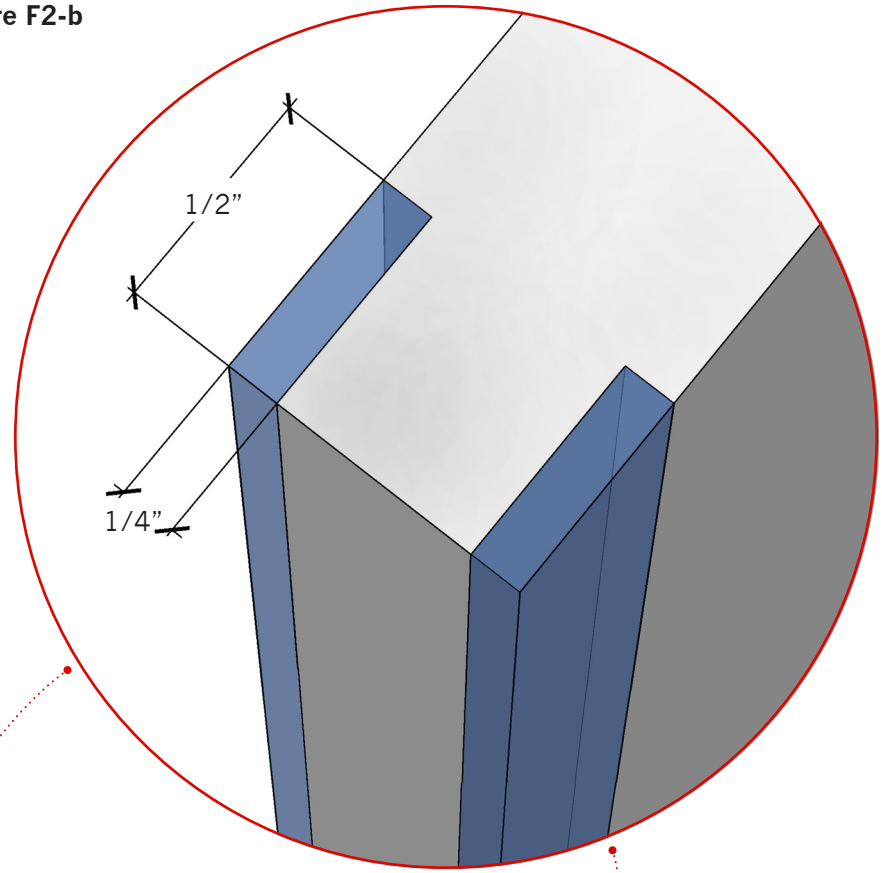
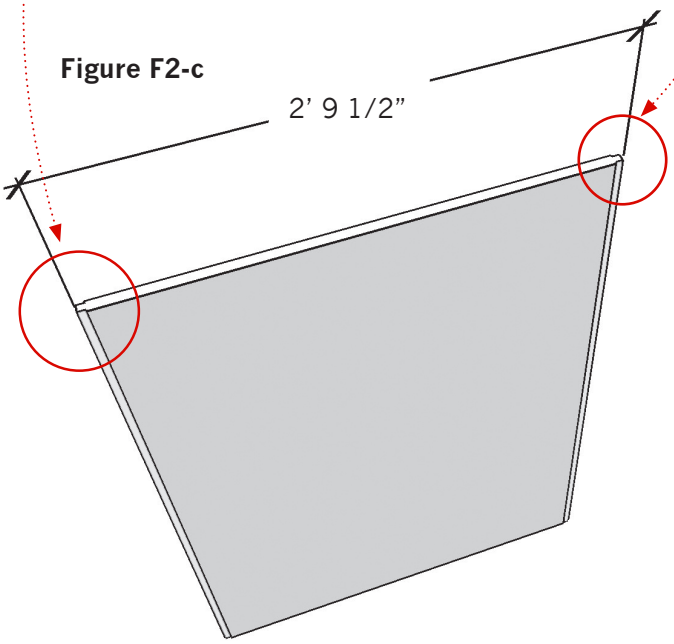


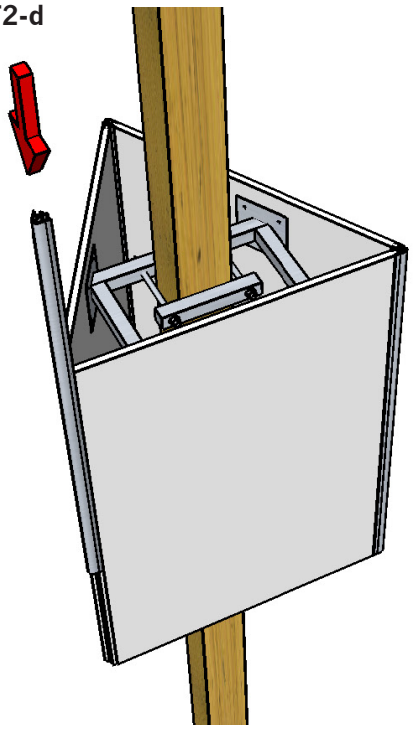
Figure F2-c



F2-1
For the ‘Click’ connector frames to work, it is critical that all panel widths conform to the dimension indicated in Figure F2-c. Confirm the outside panel dimensions before cutting the MDF board.

F2-2
Using a router, carefully cut the indicated channels the entire panel length, as illustrated in Figures F2-b and F2-c. These channels are required to accept the ‘Click’ Connector Frames.

Figure F2-d



F2-3
Position each MDF board, and temporarily clamp in place. Each panel must be perfectly centered on the respective panel mounting bracket, and perpendicular. Once you are sure all three boards are properly positioned, mark from behind the location of the board fastening hardware.

F2-4
Remove boards and with a 3/8"drill bit, drill holes in the boards to accept the fastening hardware. Ensure that all holes are perpendicular.

F2-5
On the outside face of the board, countersink each hole to the depth of the fastening hardware.

F2-6
Affix each panel to the fastening plates with the specified fastening hardware.

F2-7
Attach the 'Click' Connector Frames as per manufacturer's directions.

Important Notes:
Prior to fastening the MDF boards, ensure that the individual boards are:

- *perpendicular, and*
- *the distance from the edge of the panel to the outside edge of each fastening plate are equal. See Figure F2-a on page 51 for clarification.*
- *Refer to 'Click' Connector Frames manufacturer's directions before proceeding with Step F2-7.*

- *Correct positioning of the MDF boards is critical to permit the correct attachment of the 'Click' Connector Frames.*
- *The length of the 'Click' Connector Frames should match the length of your panels. Carefully measure the 'Click' Connector Frames prior to cutting.*
- *If you are making this sign unit, each panel will require a separate graphic panel to cover the fastening hardware's points of connection. See 'Notes' on page 32 for information pertaining to sintra panels.*

NOVA SCOTIA

Tourism, Culture and Heritage