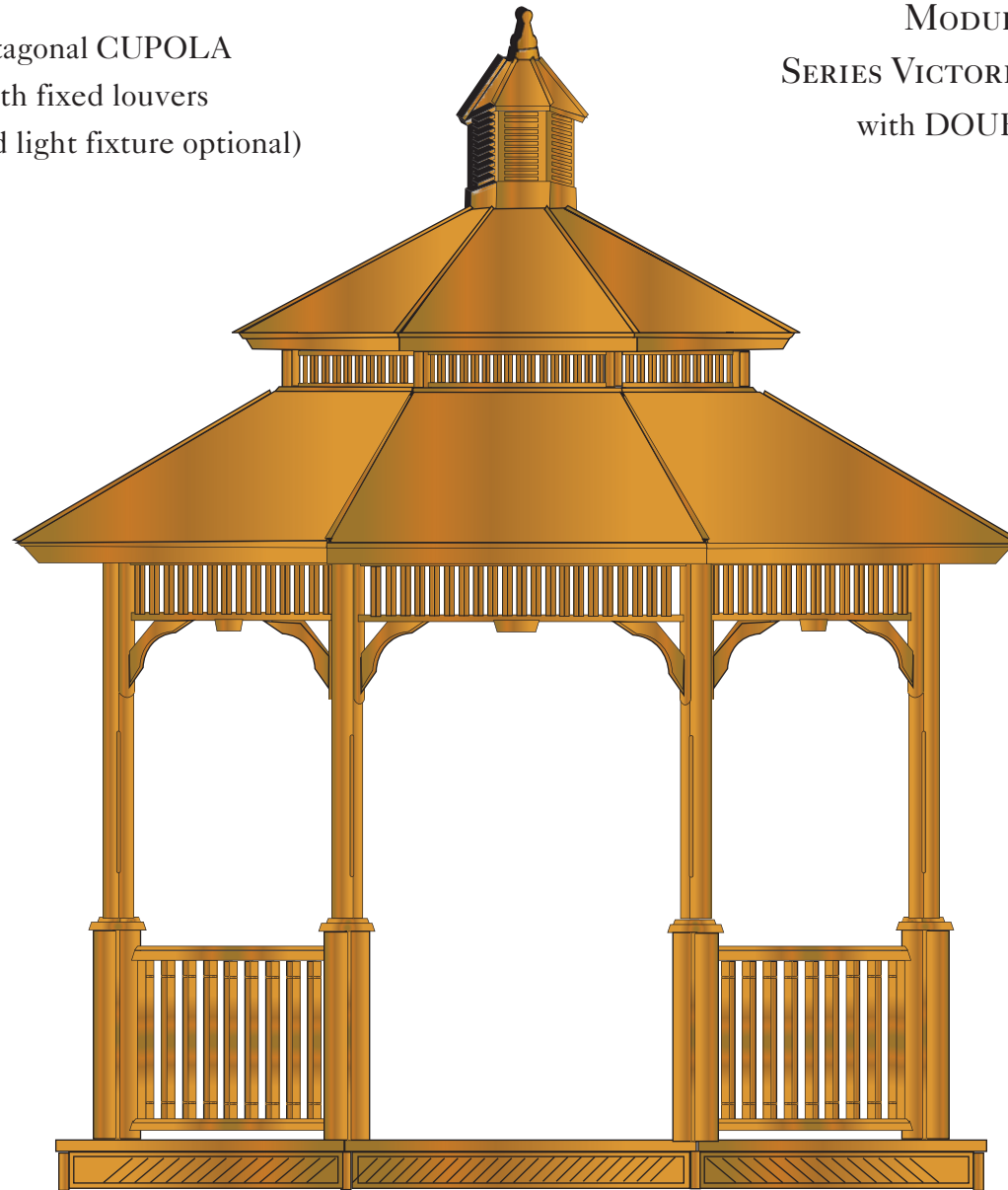


Octagonal CUPOLA
with fixed louvers
(standard light fixture optional)

MODULAR GAZEBO KIT
SERIES VICTORIAN OR QUEEN ANNE 12'
with DOUBLE-TIERED Roof

Lumber:
Western Red CEDAR
Cabinet = #1 or
Carpentry = #D & Better
Shingles:
5X / 16" long / 1/2" thick
or 16 oz. copper



Trellis Skirt (6" or 12")



**VIXEN HILL CEDAR
PRODUCTS**

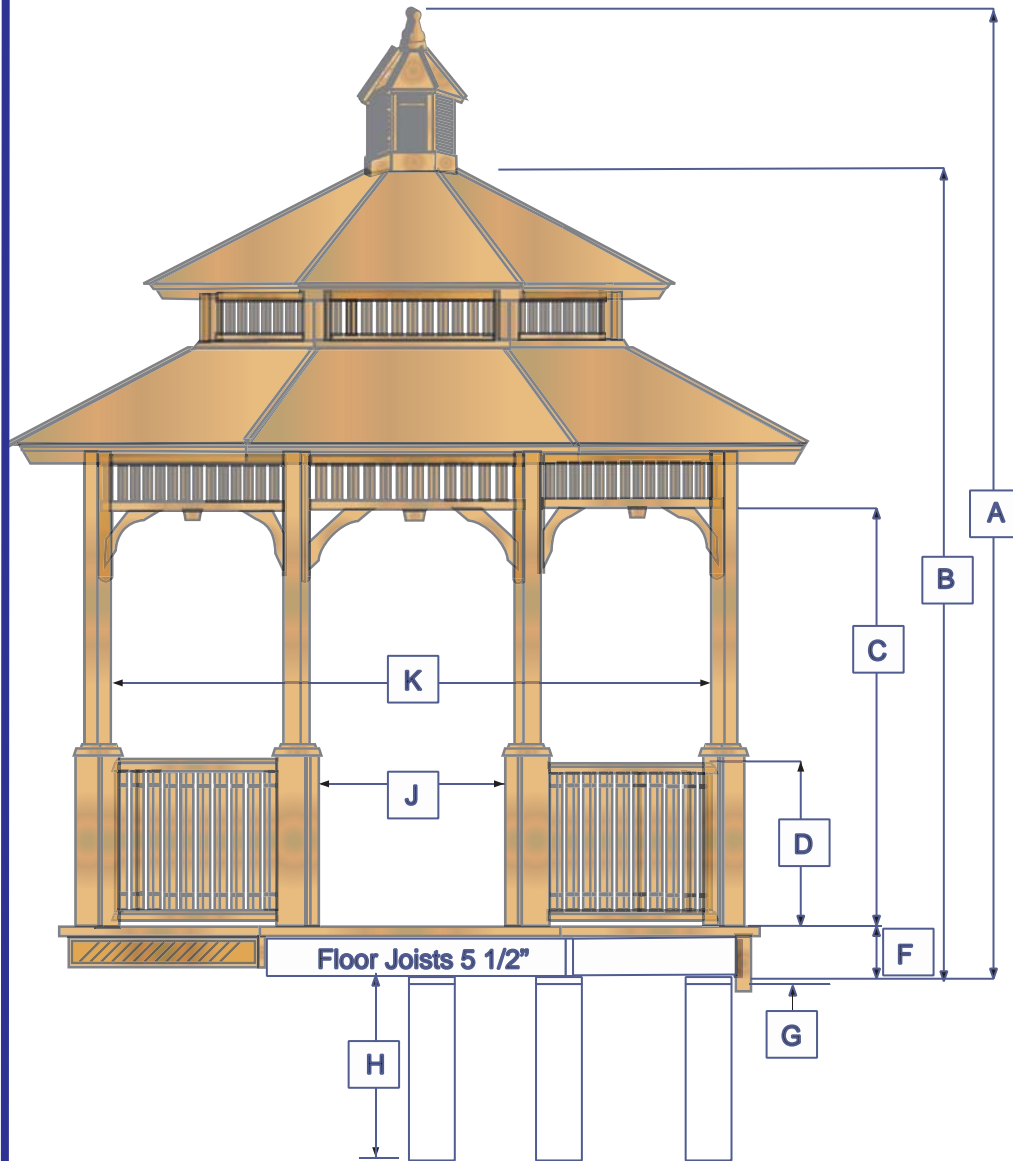
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Created by: Andrea Beringer Date: Jan 2015

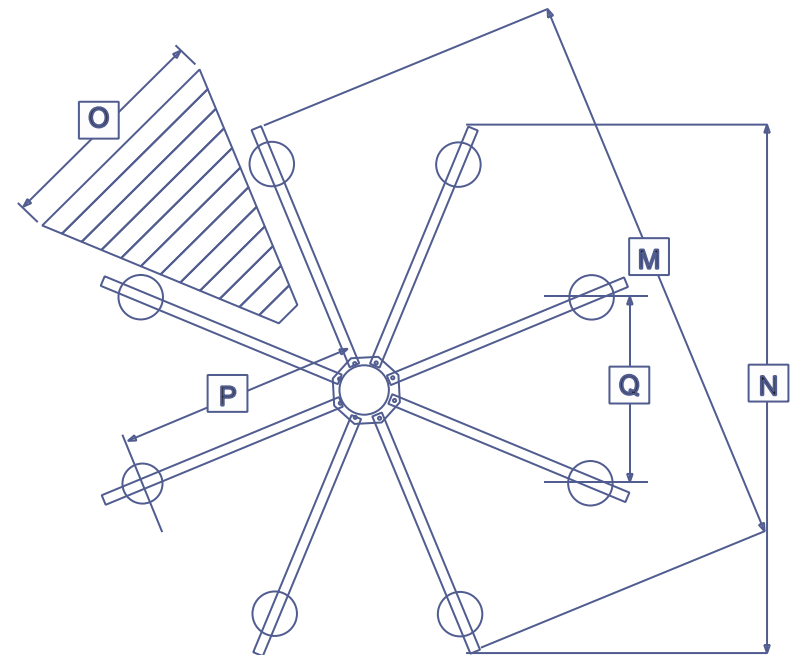
Model: VK / QA-12B

Drawing: 1 of 8

SIZE & DIMENSIONS



Key: Based on roof type	12B
*A: Height, Overall	173"
B: Height, Grade/peak	143"
C: Height, Entrance Max.	79"
D: Height, Railing	30"
F: Height, grade/floor	8"
G: Piling above Grade (for 6" trellis)	1"
H: Height, piling-overall	37"
J: Width, Entrance Std.	43"
K: Width, Interior Min.	116"
M: Width, Point to Point	143 5/8"
N: Width, Flat to Flat	132 3/4"
O: Length, Side	55"
**P: Radius, Piling Cntrs.	62 3/4"
Q: Spread, Piling Cntrs.	48"
R: Piling, Max. Diameter	8"



**VIXEN HILL CEDAR
PRODUCTS**

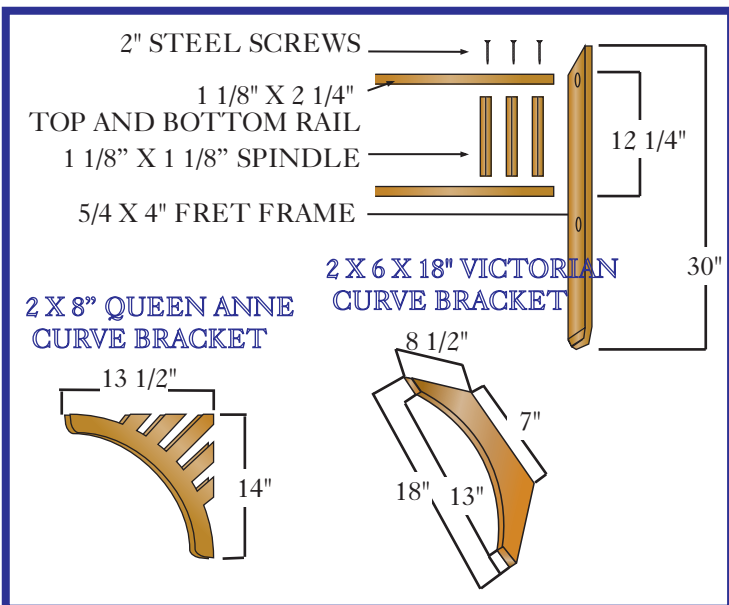
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Created by: Andrea Beringer Date: Jan 2015

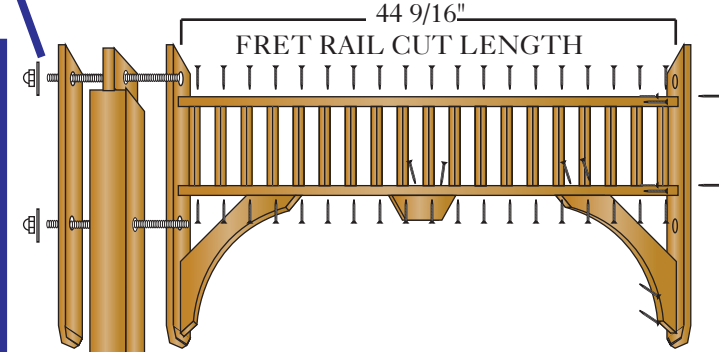
Model: Open Gazebo 12' B

Drawing: 2 of 8

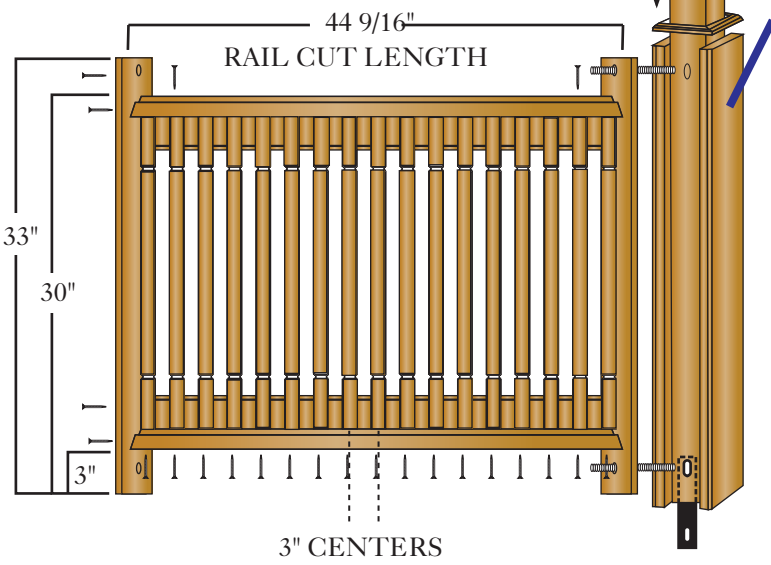
FRET MODULE CONSTRUCTION



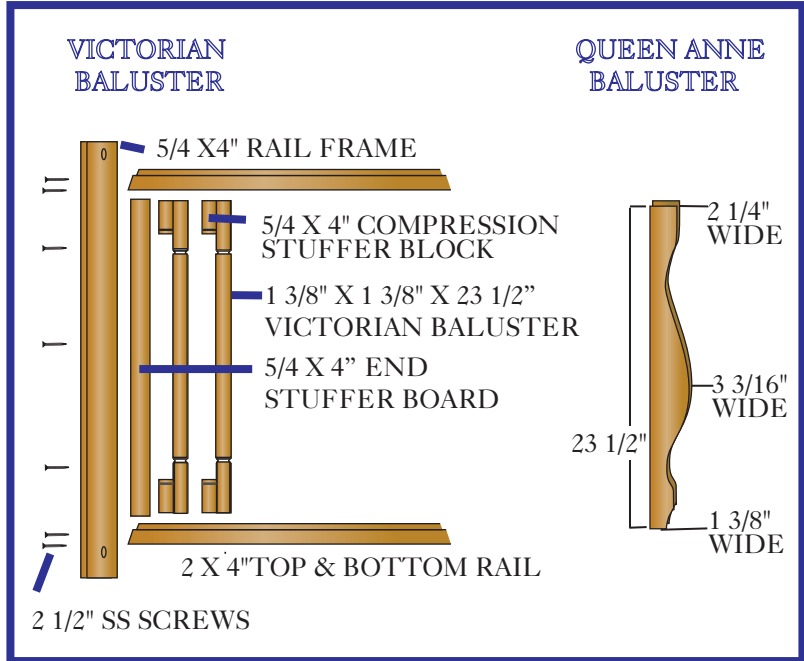
TWO 6" THREADED RODS



FRET & RAIL CONNECTION



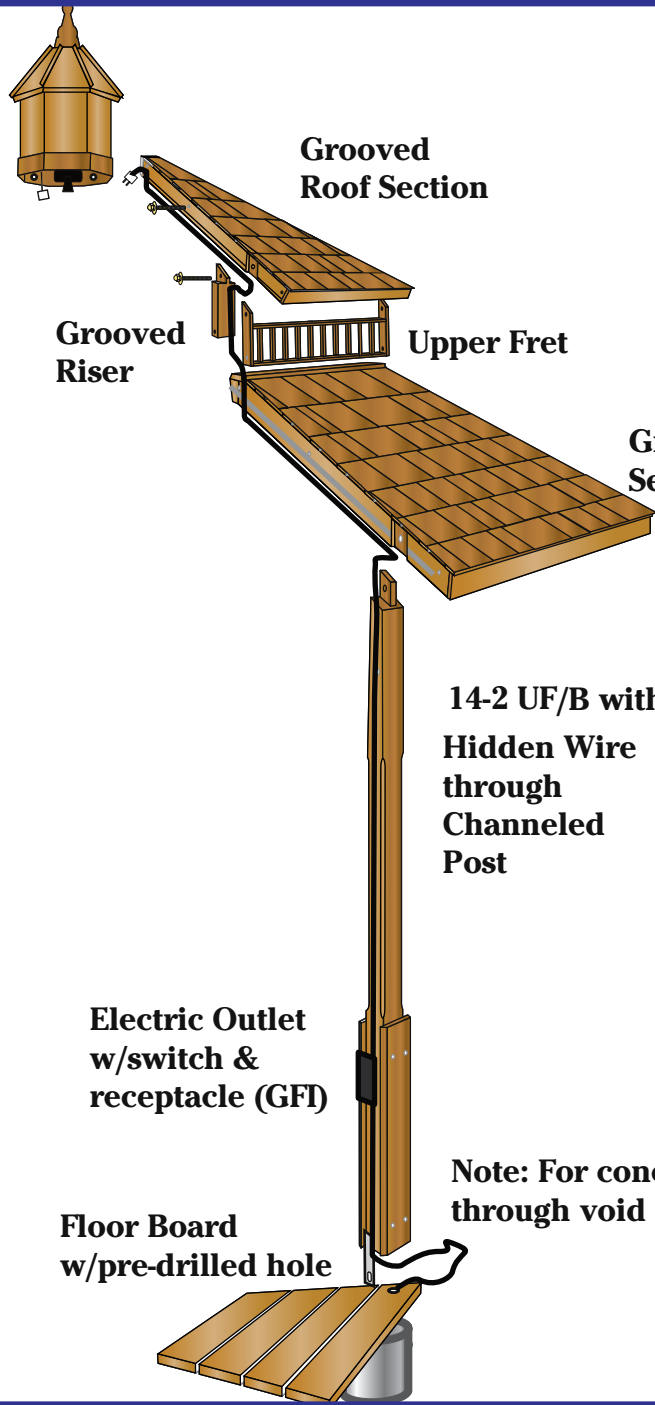
RAIL MODULE CONSTRUCTION



Nominal Sizes

Electrical

**Light Fixture
(max. 500W)**



**Grooved
Roof Section**

**Grooved
Riser**

Upper Fret

**Groove Roof
Section**

**14-2 UF/B with ground
Hidden Wire
through
Channeled
Post**

**Electric Outlet
w/switch &
receptacle (GFI)**

**Floor Board
w/pre-drilled hole**

**Note: For concrete slab use conduit
through void (see slab instructions)**

Electrical Post

(standard on Cabinet Grade)

Additional Options:

Outlet posts (dual)

Fan Control post (fan/light)

Channel Posts (for custom wiring)



**VIXEN HILL CEDAR
PRODUCTS**
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Date: Jan 2015

Drawing: 4 of 8

Model: Gazebos

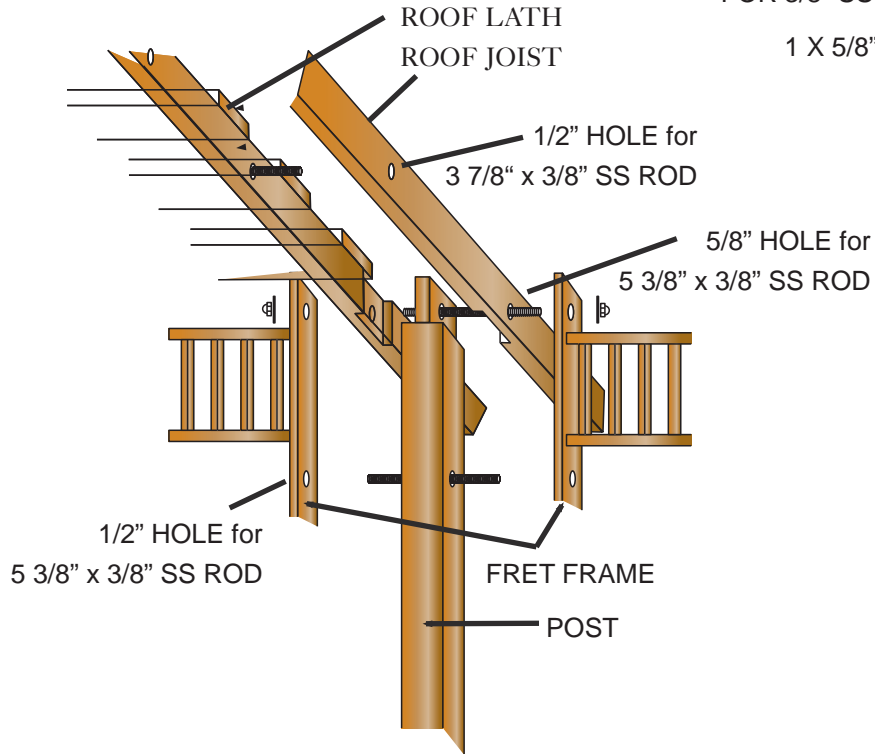
ROOF ATTACHMENT for a DOUBLE-tiered roof

ALL ROOF SECTIONS
ARE PRE-SHINGLED

UPPER ROOF

LOWER ROOF

ROOF TO POST MORTICE CONNECTION



2 X 1/2" HOLES
FOR 3/8" SS RODS

1 X 5/8" HOLE

LOAD

(4 X 4") RISER

6" ANCHOR TAB

5/8" HOLE for
5 3/8" x 3/8" SS ROD

3 X 1/2" HOLES
APPROX. 20" APART
FOR 3/8" SS RODS
1 X 5/8" HOLE

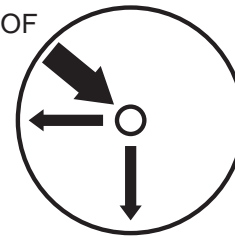
1/2" HOLE for
5 3/8" x 3/8" SS ROD

FRET FRAME

POST

LOAD

ROOF



LOAD

4 X 4" POST

95" TOTAL HEIGHT

ROOF SYSTEM
RIDGED TRIANGULAR MODULES CONNECT TO FORM A
CONIC ROOF SYSTEM. THE COMPRESSION RING IS INTEGRAL
TO THE CONIC DESIGN AND ALLOWS RESULTANT FORCES
TO BE PERPENDICULAR TO GRADE.



**VIXEN HILL CEDAR
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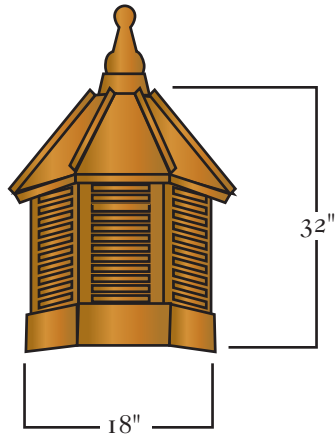
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Date: Jan 2015

Drawing: 5 of 8

Model: 12B

ROOF CONSTRUCTION

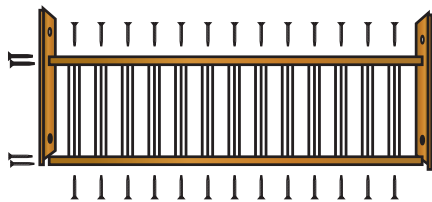
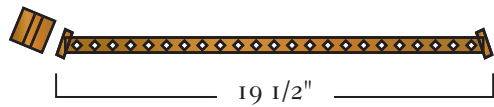


CEDAR SHINGLE
OR 16 OZ. COPPER

THE CUPOLA IS CONNECTED
WITH STAINLESS STEEL SCREW
FROM THE UNDER SIDE OF THE
ROOF LATH.

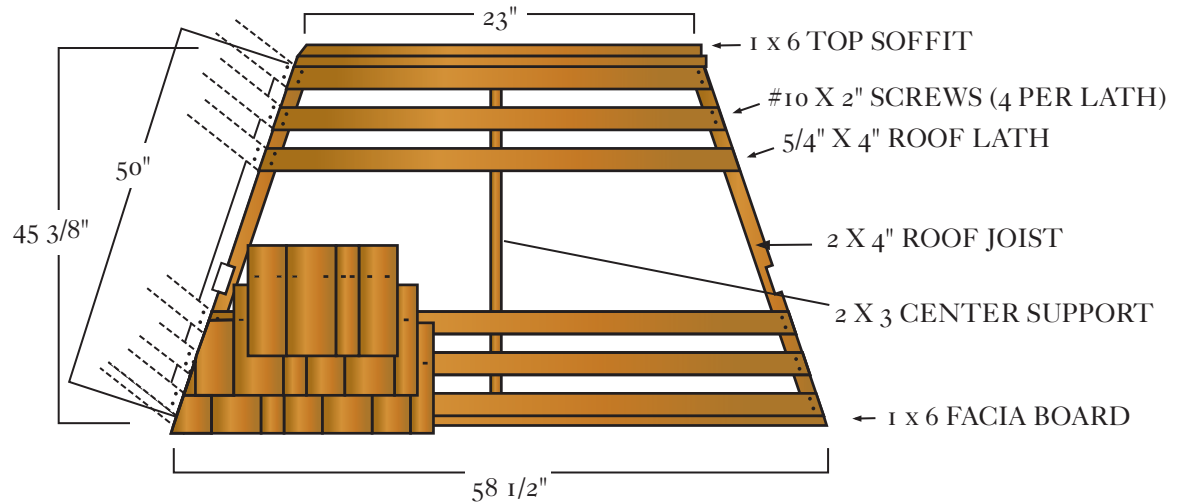
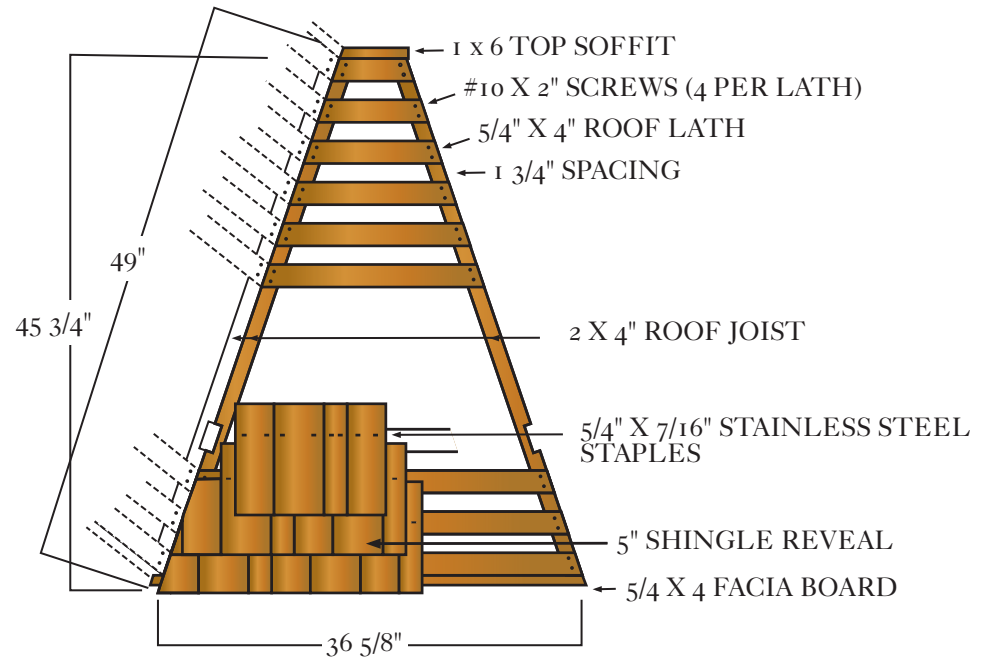
UPPER FRET

(4 X 4") RISER



(5/4 X 5/4") SPINDLE (2 X 3") RAIL
(5/4 X 4") FRET FRAME
#10 X 2" SCREWS

NOMINAL SIZES



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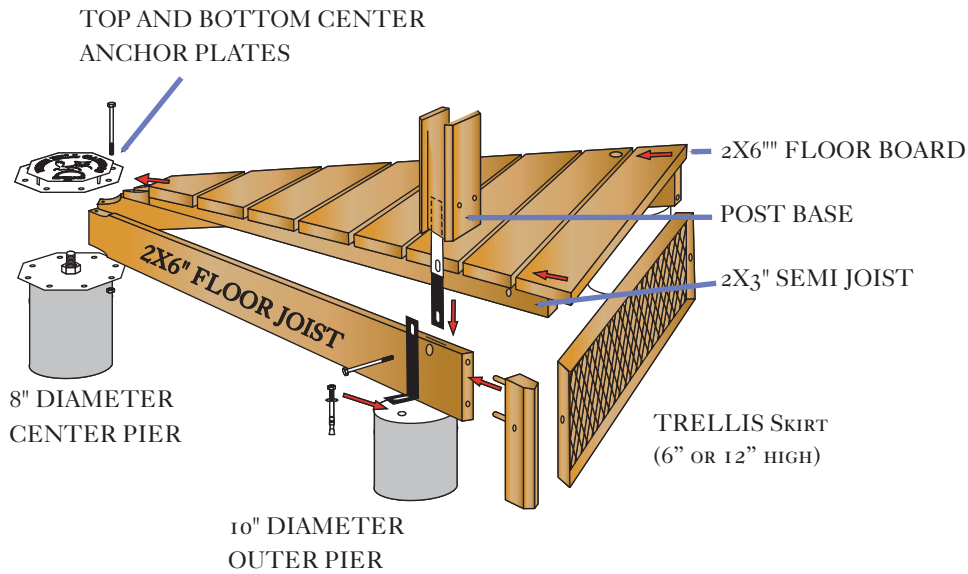
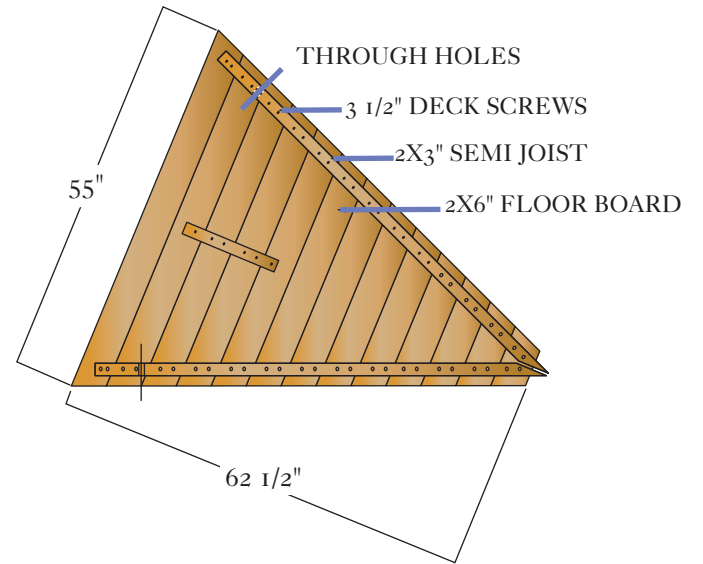
Date: Jan 2015

Drawing: 6 of 8

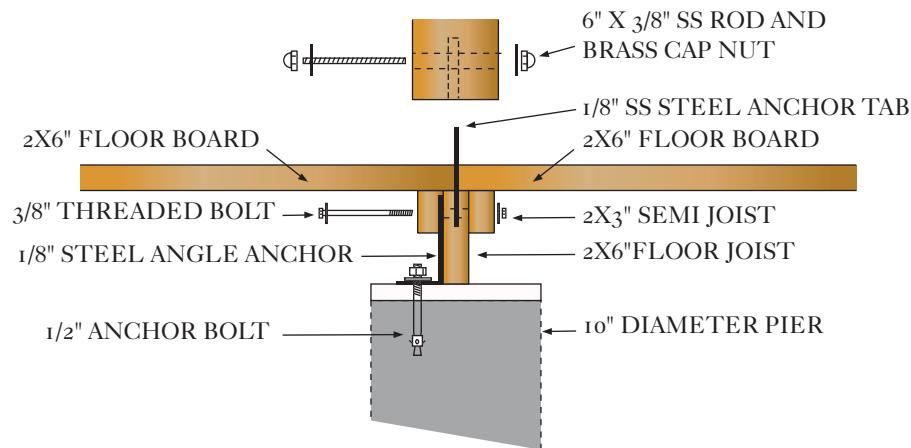
Model: 12B

FLOOR CONNECTIONS

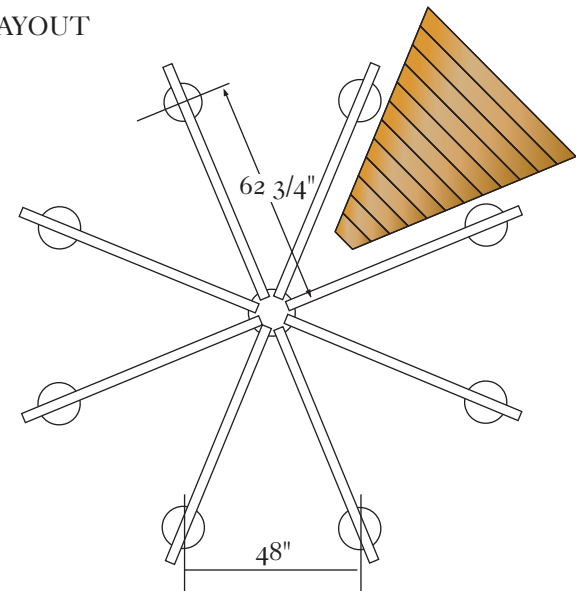
UNDER-SIDE OF FLOOR SECTION



END VIEW OF FLOOR ANCHORING



PILING LAYOUT



SPECIFICATIONS FOR THE CARPENTRY & CABINET MODELS (9', 12', 15' AND 21')

PART 1 GENERAL

1.1 SCOPE. THE CONTRACTOR SHALL FURNISH AND INSTALL A WOODEN GAZEBO AS SHOWN ON PLANS AND HEREIN SPECIFIED AS SUPPLIED BY VIXEN HILL MFG. CO. INC., OF ELVERSON, PA 19520.

PART 2 PRODUCT

2.1 WOOD MATERIALS. GAZEBOS FOR CARPENTRY SHALL BE FABRICATED FROM AIR-DRIED, SOUND TIGHT-KNOT (STK) OR BETTER AND FOR CABINET SHALL BE FABRICATED FROM AIR-DRIED, #1 OLD GROWTH & ROT RESISTANT WESTERN RED CEDAR. ALL WOOD SHALL BE GRAIN SELECTED DURING IN-HOUSE MILLING FOR BEST APPLICATION AND SAFE USE. WOOD FOR CARPENTRY SHALL CONTAIN LOOSE OR OPEN KNOTS LIMITED TO LESS THAN 25% OF MATERIAL USED.

2.2 ROOFING SYSTEM. SHINGLES SHALL BE OF OR EQUAL TO #1 PERFECTION CLEAR HEART CEDAR AND PER THE FOLLOWING SPECIFICATIONS 5X, 16" LONG, 1/2" THICK, TAPERED. ROOF LATH SHALL BE OF NO LESS THAN NET FINISHED SIZE 1X3" WITH A 5" SPACING. ROOF SECTIONS SHALL BE COMPLETELY PRE-ASSEMBLED AND PRE-CUT, AND JOINTS BETWEEN ROOF SECTIONS SHALL BE SELF-SEALING TO PRECLUDE CAPPING. CAULK IS RECOMMENDED TO BE USED AT THE ROOF JOIST.

2.3 SURFACE FINISH. ALL WOOD MEMBERS SHALL BE SURFACED FOUR SIDES. SURFACES DISPLAYING PLANER SKIPS OR SAW MARKS AFTER DRESSING SHALL BE LIMITED TO LESS THAN 25% OF SHOWN FACES. HAND CONTACT EDGES MAY BE ROUNDED, CHAMFERED, OR EDGE-SHAPED FREE OF SPLINTERS AND SMOOTH TO THE TOUCH. ALL EXPOSED SURFACES SHALL BE PREPARED FOR MAXIMUM ACCEPTANCE OF OIL-BASED FINISHES (OPTIONAL WITH ADDITIONAL COST).

2.4 HARDWARE. ALL ASSEMBLY & ANCHORING HARDWARE SHALL BE PROVIDED. ALL ASSEMBLY HARDWARE IN VIEW SHALL BE OF STAINLESS STEEL (CAP NUTS & WASHERS) AND OF A FINISH TYPE TO CONCEAL ALL THREADS. CONCEALED ASSEMBLY HARDWARE SHALL BE OF GALVANIZED STEEL FOR CARPENTRY AND STAINLESS STEEL FOR CABINET GRADE (THREADED RODS). ALL HARDWARE IN GROUND CONTACT SHALL BE OF GALVANIZED STEEL FOR CARPENTRY AND STAINLESS STEEL FOR CABINET GRADE. NO NAILS SHALL BE REQUIRED OR PROVIDED.

2.5 ELECTRICAL. STANDARD FOR CABINET AND OPTIONAL FOR CARPENTRY GRADE. THE PRE-WIRED POST PROVIDES 110V ELECTRICAL SERVICE THROUGH WIRE (14-2 UF/B WITH GROUND). THE POST HAS AN ELECTRICAL BOX WITH (GFI) RECEPTACLE AND LIGHT SWITCH. THE LIGHT FIXTURE IS SCREWED INSIDE THE CUPOLA FOR UP TO 500W STRENGTH. WIRES SHALL BE HIDDEN WITHIN THE COMPONENT PARTS THROUGH GROOVED ROOF SECTION AND CHanneled POST. ALL ELECTRICAL COMPONENTS SHALL BE UL APPROVED.

2.6 CONNECTIONS & ANCHORING. FACTORY MODULE CONSTRUCTION SHALL INCLUDE POCKET JOINTS AND STAINLESS STEEL THREADED FASTENERS. ON-SITE INTERCONNECTION OF MODULES SHALL BE ACHIEVED USING THREADED RODS AND STAINLESS OR BRASS CAP NUTS AND WASHERS. ANCHORING SHALL BE CONCEALED AND APPROPRIATE TO THE SURFACE MOUNTING MATERIAL. ONLY SIMPLE HAND TOOLS SHALL BE REQUIRED FOR ASSEMBLY.

2.7 ENGINEERING. DESIGN OF CONNECTIONS AND MATERIALS USED SHALL BE SUCH AS TO ADHERE TO STRUCTURAL REQUIREMENTS OF MAJOR BUILDING CODES. DRAWINGS AND REPRESENTATIVE ENGINEERING SHALL BE AVAILABLE FROM THE MANUFACTURER FOR THE PURPOSE OF PERMITS OR ARCHITECTURAL REVIEW.

PART 3 EXECUTION

3.1 PREFABRICATION. ALL COMPONENT PARTS SHALL BE PRE-ASSEMBLED TO THE FULLEST EXTENT POSSIBLE, TO PRECLUDE ANY ON-SITE DRILLING, CUTTING, FILLING, NAILING OR SANDING. ALL PREFABRICATION FASTENERS SHALL BE HIDDEN FROM VIEW OR CHanneled AND STRIPPED WITH MATCHING WOOD WHERE VISIBLE.

3.2 INSTALLATION. THE GAZEBO KIT SHALL BE SUPPLIED WITH ALL NECESSARY HARDWARE, SHOP DRAWINGS AND COMPLETE INSTRUCTIONS TO PROVIDE FOR EFFICIENT ON-SITE ASSEMBLY. AVERAGE ASSEMBLY TIME ON A PREPARED FOUNDATION SHALL NOT EXCEED 15 MAN-HOURS.



**VIXEN HILL CEDAR
PRODUCTS**
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Created by: Andrea Beringer

Date: Jan 2015

Model: Open Gazebos

Drawing #: 8 of 8