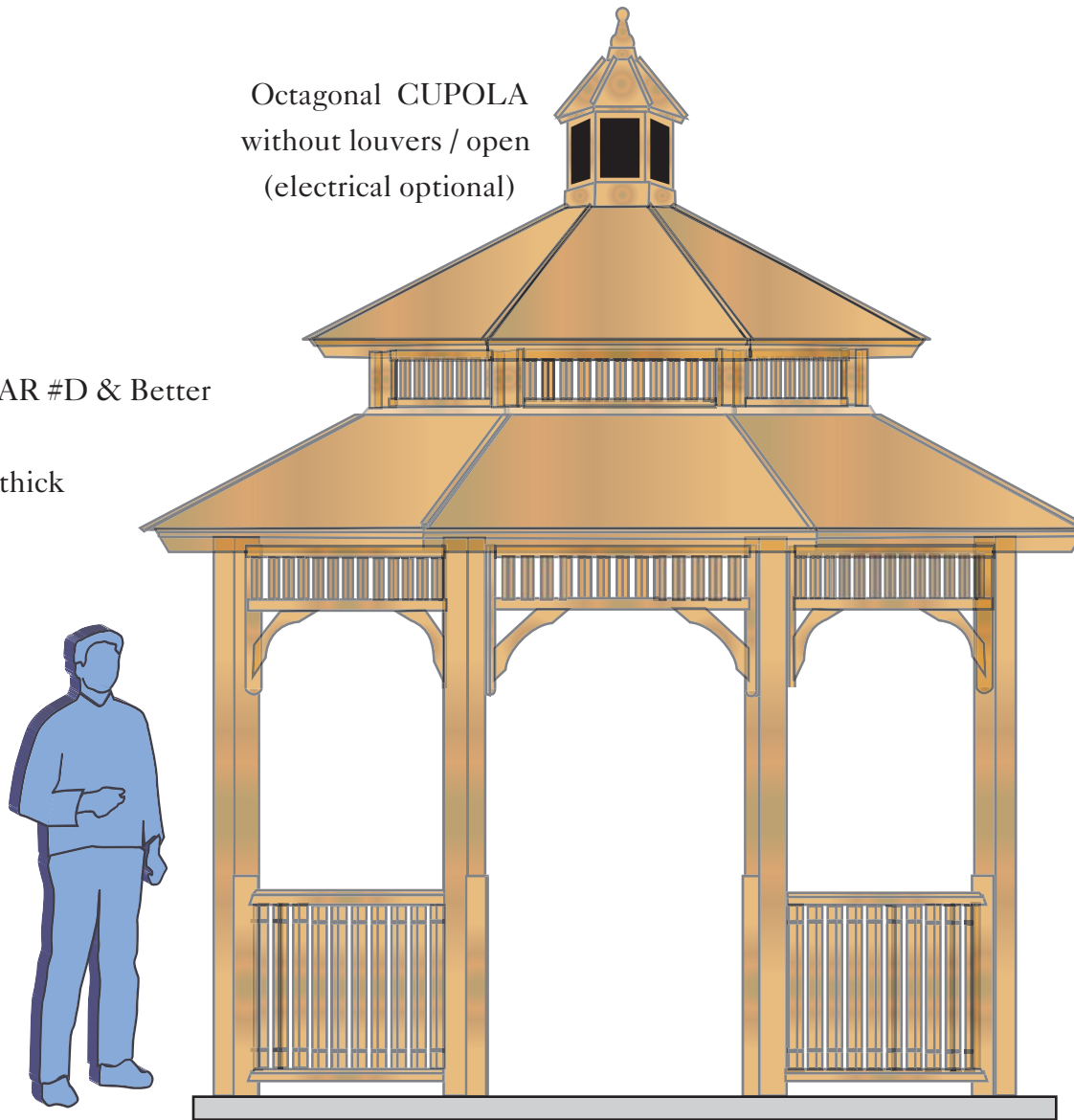


MODULAR GAZEBO KIT
SERIES ECONOMY 12'
with DOUBLE-TIERED Roof

Octagonal CUPOLA
without louvers / open
(electrical optional)

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



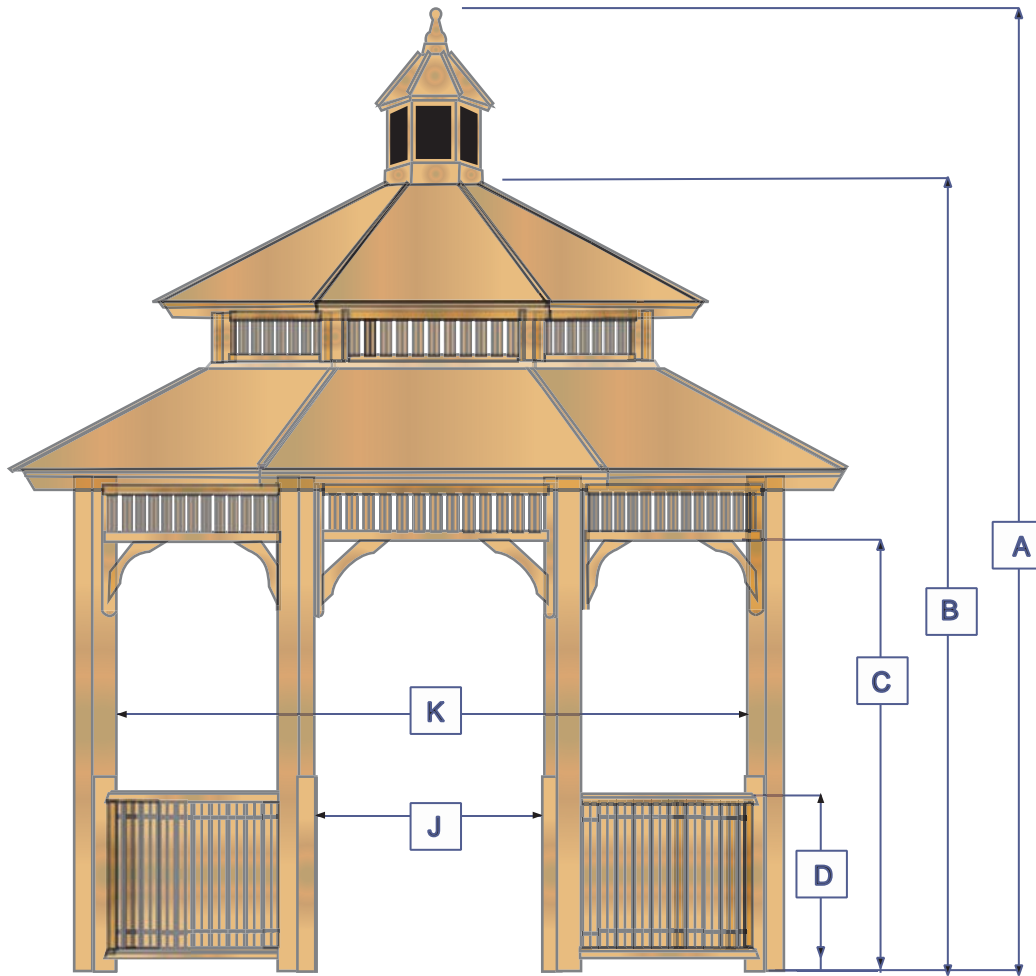
**VIXEN HILL CEDAR
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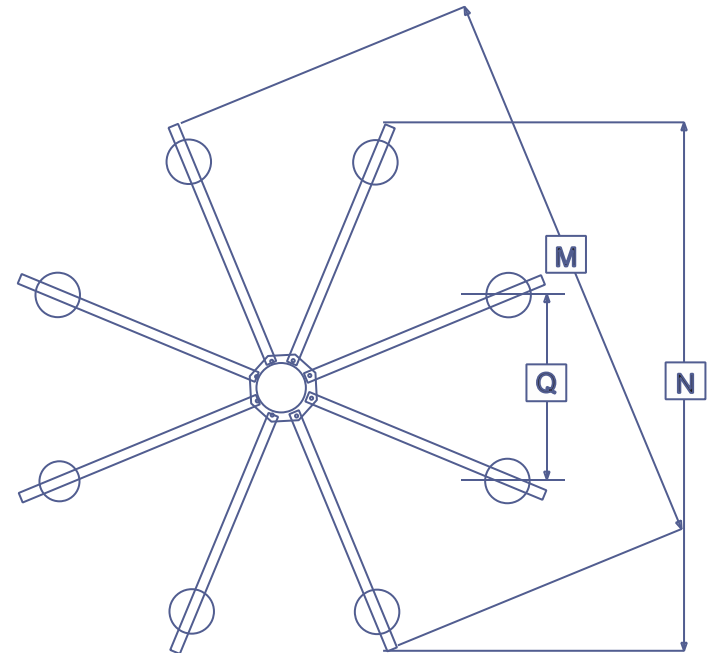
Date: Jun 2013

Drawing: 1 of 8
Model: EC-12B

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: Height, piling-exp.	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"
Q: Center Post to Center Post	48"



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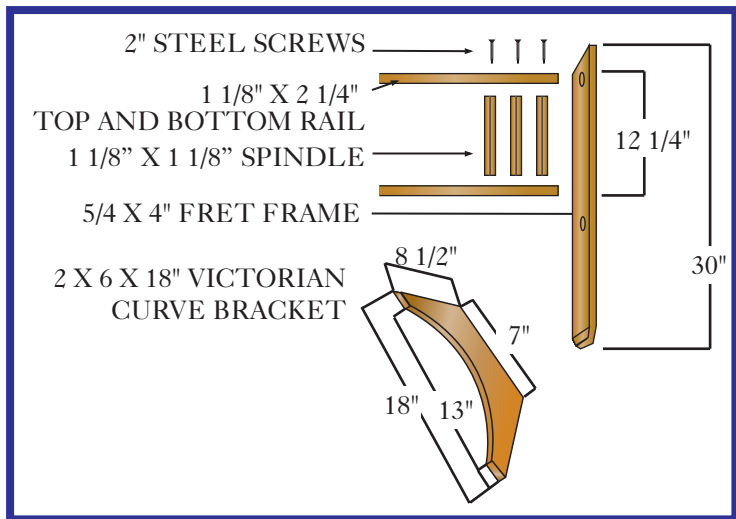
Created by: Andrea Beringer

Date: Jun 2013

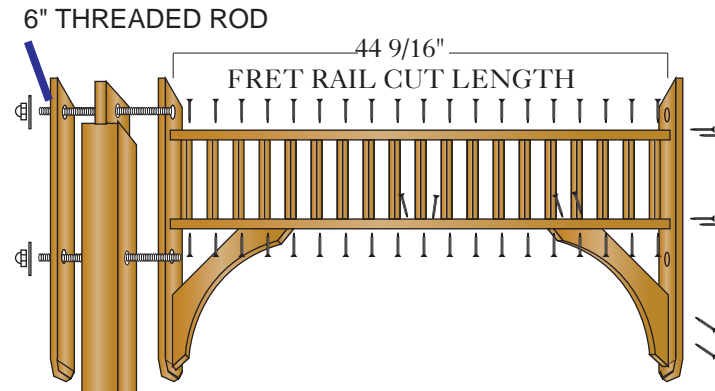
Model: EC-12B without floor

Drawing: 2 of 8

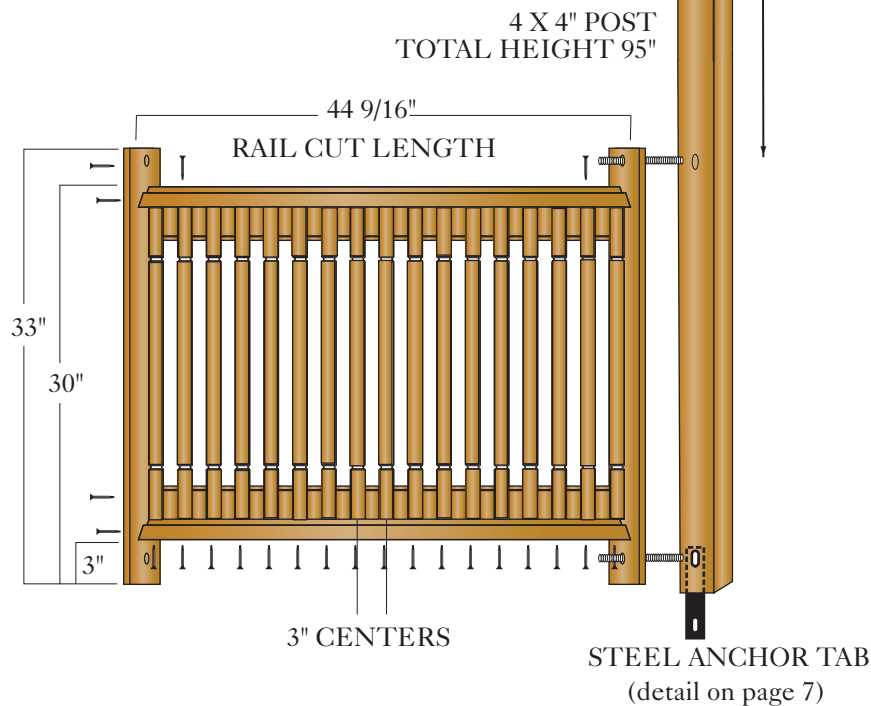
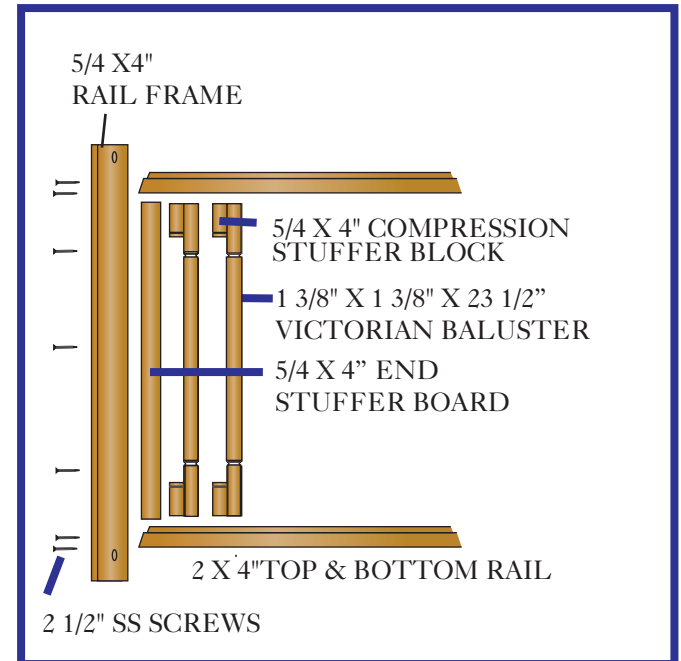
FRET MODULE CONSTRUCTION



FRET & RAIL CONNECTION



RAIL MODULE CONSTRUCTION



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Drawing: 3 of 8

Model: EC-12B

**OPTIONAL -
Electrical Post**

**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)**

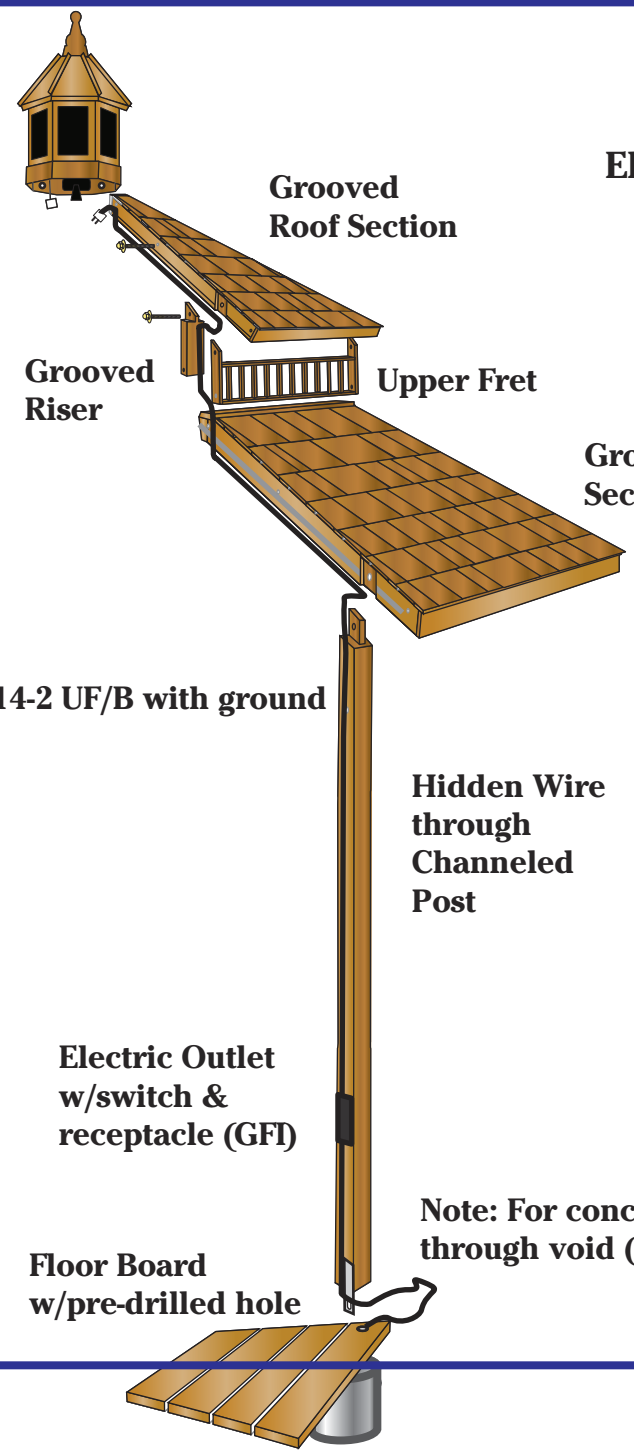
**Note: For concrete slab use conduit
through void (see slab instructions)**

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

**All Economy Models are
without Electrical Option
UNLESS added!**

Additional Options:

- Outlet posts (dual)**
- Fan Control post (fan/light)**
- Channel Posts (for custom wiring)**



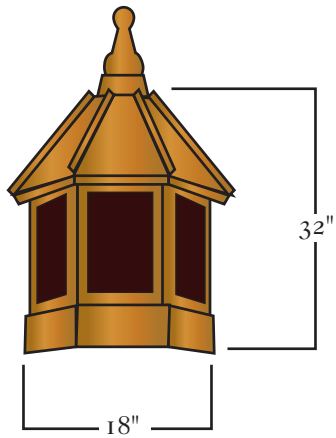
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Date: Jun 2013

Drawing: 4 of 8
Model: Economy Gazebos

ROOF CONSTRUCTION

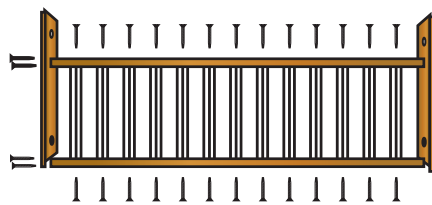
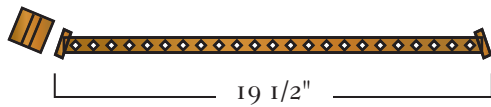


CEDAR SHINGLE
OR 16 OZ. COPPER

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

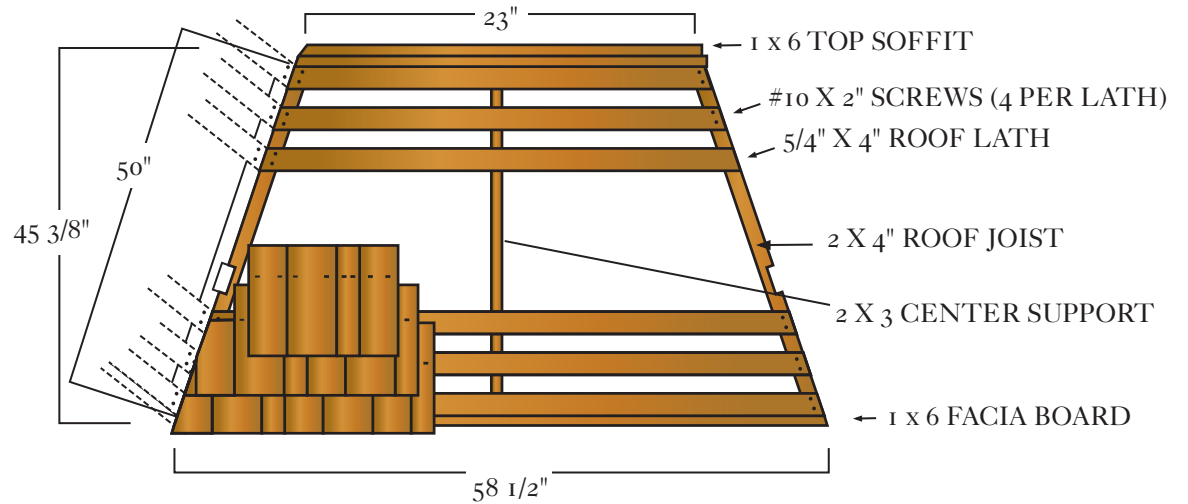
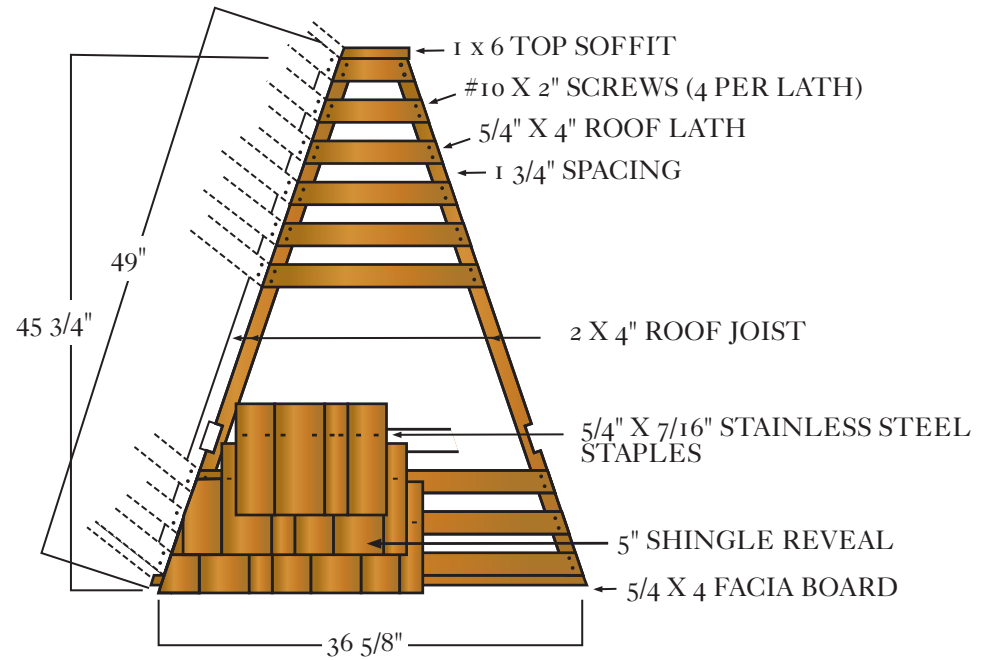
UPPER FRET

(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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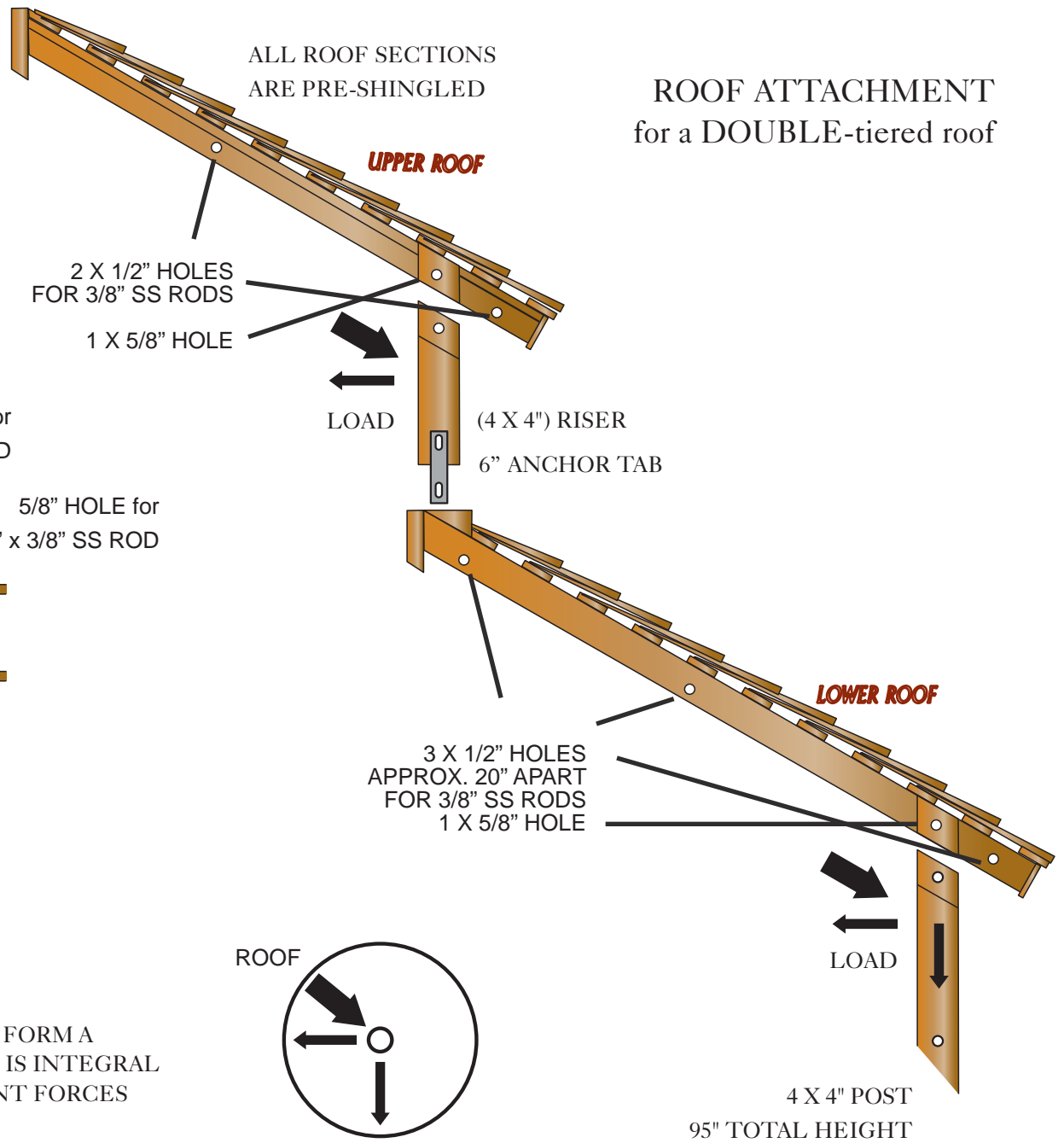
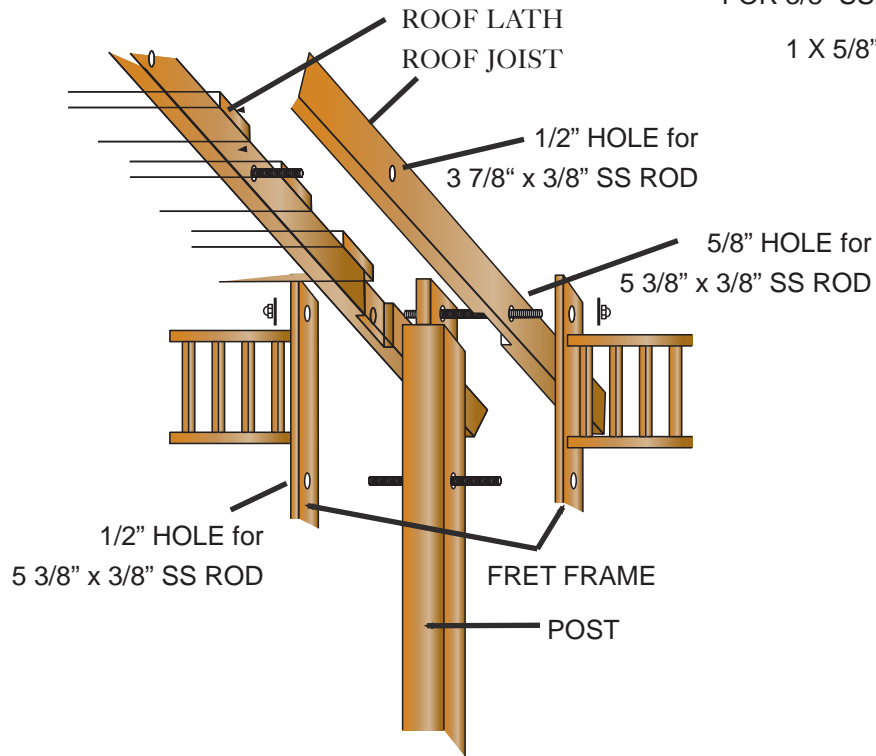
Date: Jun 2013

Drawing: 5 of 8

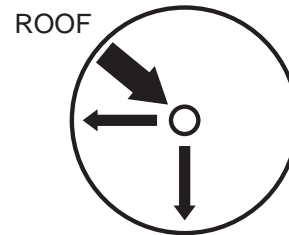
Model: EC-12B

ROOF ATTACHMENT for a DOUBLE-tiered roof

ROOF TO POST
MORTICE CONNECTION



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.



4 X 4" POST
95" TOTAL HEIGHT



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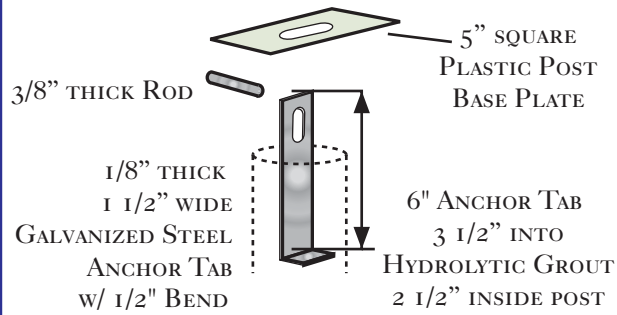
Date: Jun 2013

Drawing: 6 of 8

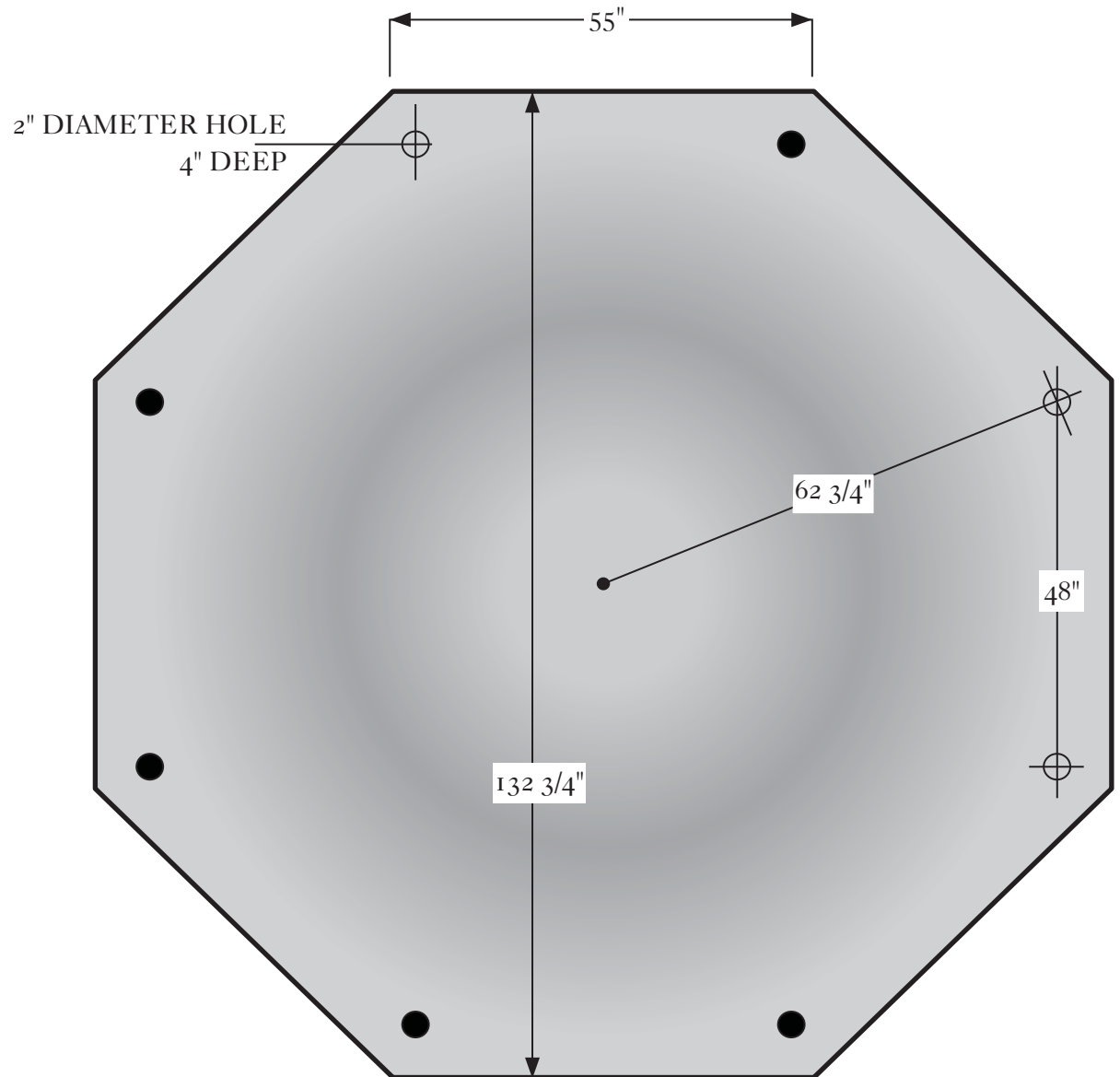
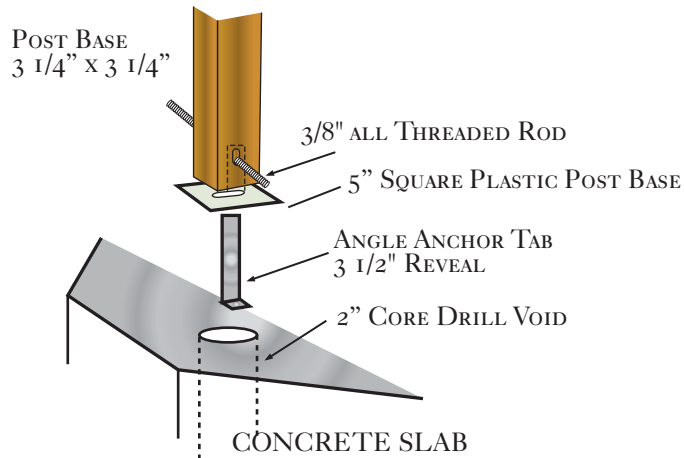
Model: EC-12B

CONCRETE SLAB Dimensions for UNITS WITHOUT FLOOR SYSTEM

ANCHORING HARDWARE DIMENSIONS



POST ANCHORING ON CONCRETE SLAB



VIXEN HILL CEDAR PRODUCTS

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Date: Jun 2013

Drawing: 7 of 8

Model: 12'

SPECIFICATIONS FOR THE ECONOMY MODEL (9', 12' AND 15')

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. GAZEBO KIT SHALL BE FABRICATED FROM AIR-DRIED, SOUND TIGHT-KNOT (STK) OR BETTER OLD GROWTH & ROT RESISTANT WESTERN RED CEDAR. ALL WOOD SHALL BE GRAIN SELECTED DURING IN-HOUSE MILLING FOR BEST APPLICATION AND SAFE USE. WOOD CONTAINING LOOSE OR OPEN KNOTS SHALL BE 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 ZINC-YELLOW STEEL (3/8" THREADED RODS 6" & 4" LENGTH). ALL HARDWARE IN GROUND CONTACT SHALL BE OF GALVANIZED STEEL. NO NAILS SHALL BE REQUIRED OR PROVIDED.

2.5 ELECTRICAL. THE ECONOMY MODEL CAN BE PROVIDED WITH THE OPTIONAL ELECTRICAL POST (ADDITIONAL CHARGE). 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.



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Drawing: 8 of 8

Model: EC