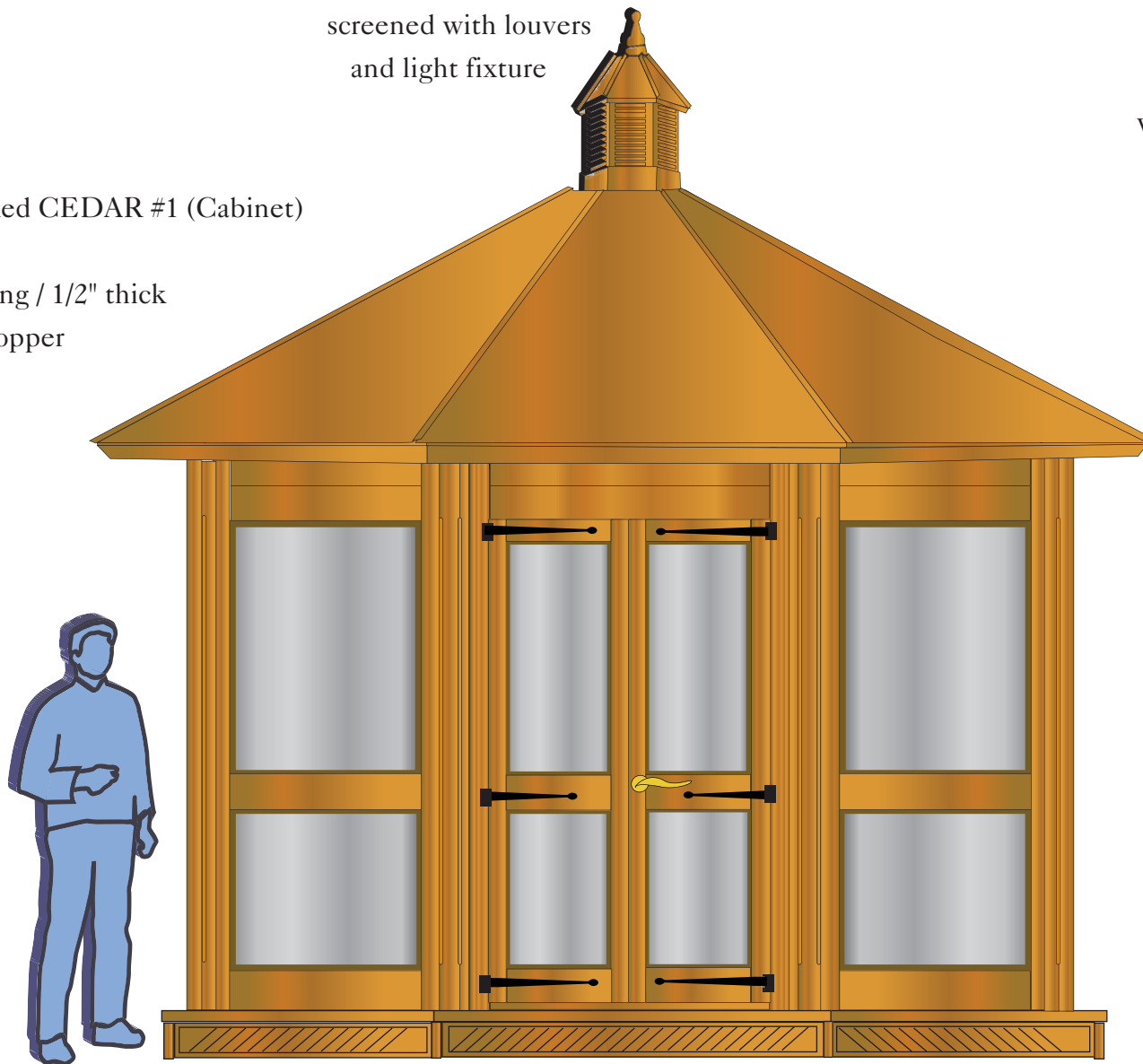


Octagonal CUPOLA  
screened with louvers  
and light fixture

MODULAR GAZEBO KIT  
SERIES GARDENHOUSE 15'  
with SINGLE-TIERED Roof

Lumber:  
Western Red CEDAR #1 (Cabinet)  
Shingles:  
5X / 16" long / 1/2" thick  
or 16 oz. copper



Removable Screens  
Interchangeable &  
Enclosure Inserts

Entry Key Lock Set  
*(bright brass or dark bronze)*

Screened Trellis Skirt 6" or 12"



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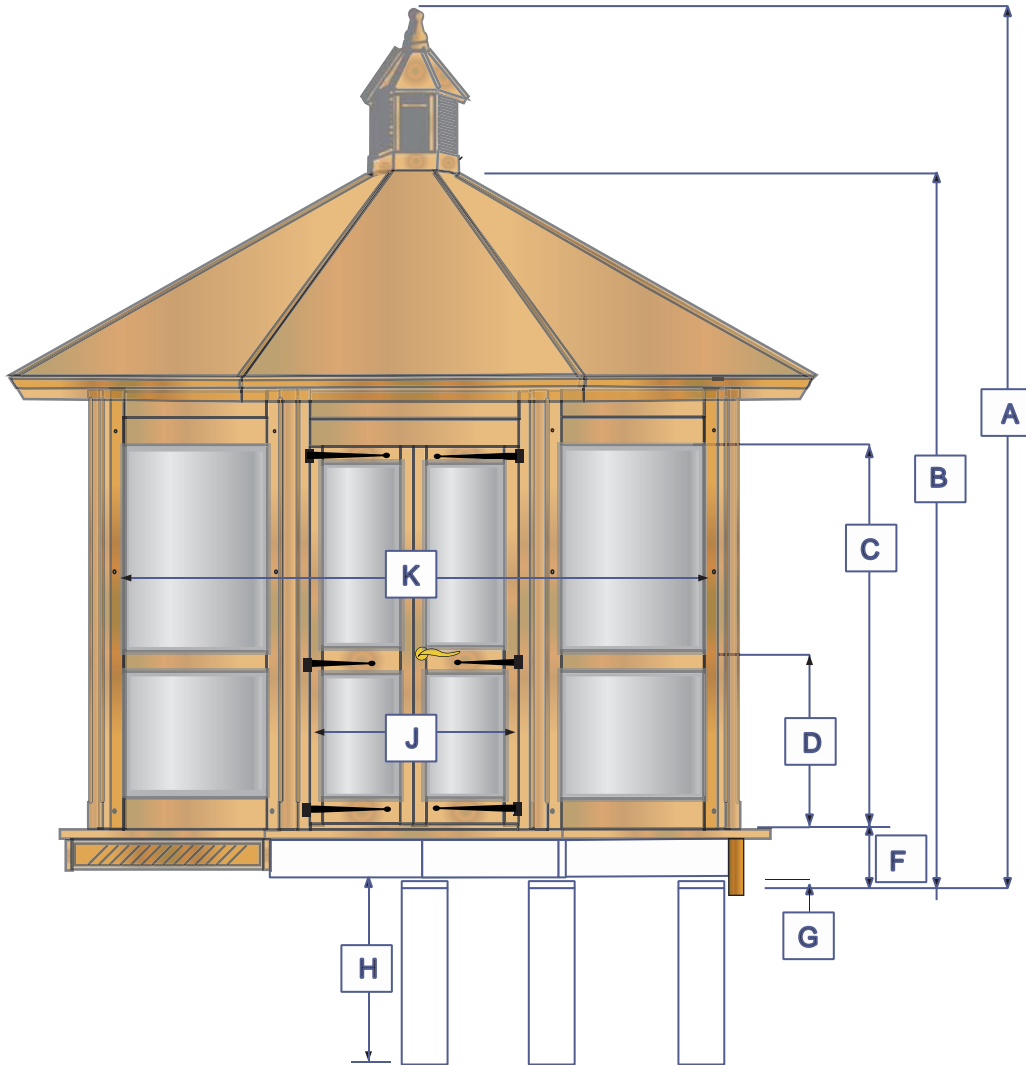
Created by: Andrea Beringer

Date: Jan 2015

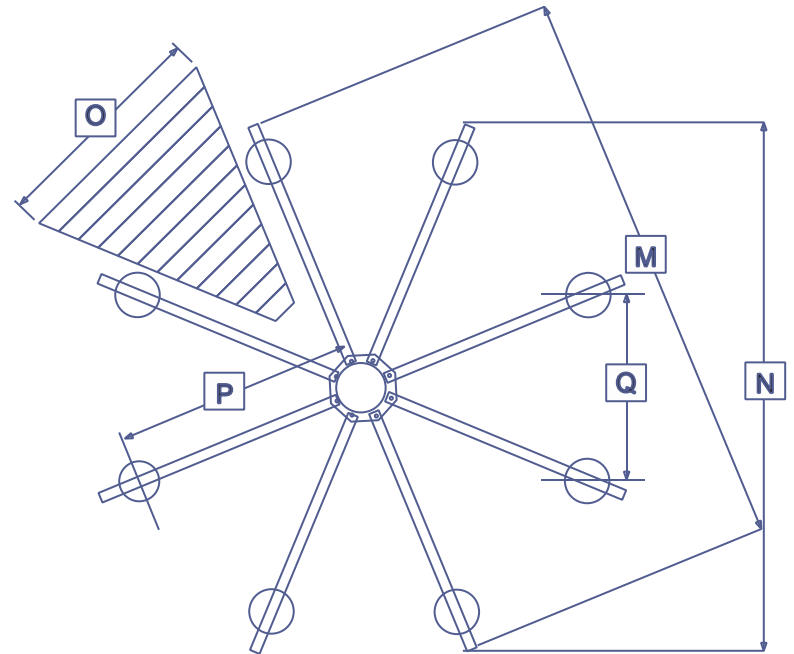
Drawing: 1 of 9

Model: GH15A

## SIZE & DIMENSIONS



Key: Based on roof type	15A
*A: Height, Overall	159"
B: Height, Grade/peak	140"
C: Height, Door	80 1/4"
D: Height, Top of Cross-Rail	34"
F: Height, Grade to Floor	8"
*G: Height, piling-exp.	1"
H: Height, piling-overall	37"
J: Width, Door Entrance	52"
K: Width, Interior Min.	154"
M: Width, Point to Point	180 1/4"
N: Width, Flat to Flat	166 1/2"
O: Length, Side	69"
**P: Radius, Piling Cntrs.	81"
Q: Spread, Piling Cntrs.	62"
R: Piling, Max. Diameter	8"
*G Measure Based on 6 Inch Trellis	



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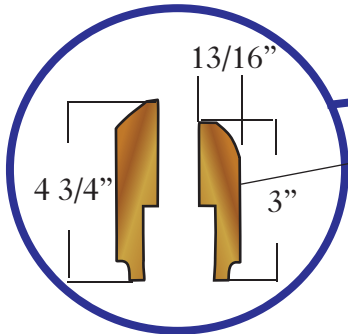
Created by: Andrea Beringer

Date: Jan 2015

Drawing: 2 of 9

Model: GH-15A

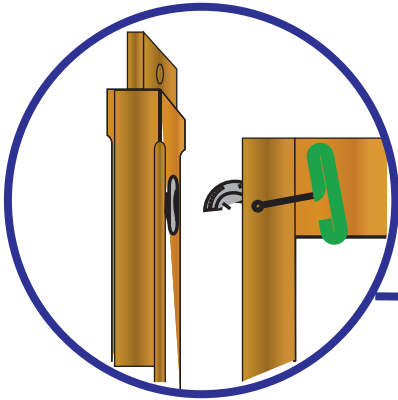
WALL PANEL CONSTRUCTION



Inner Panel Cap

Outer Panel Cap

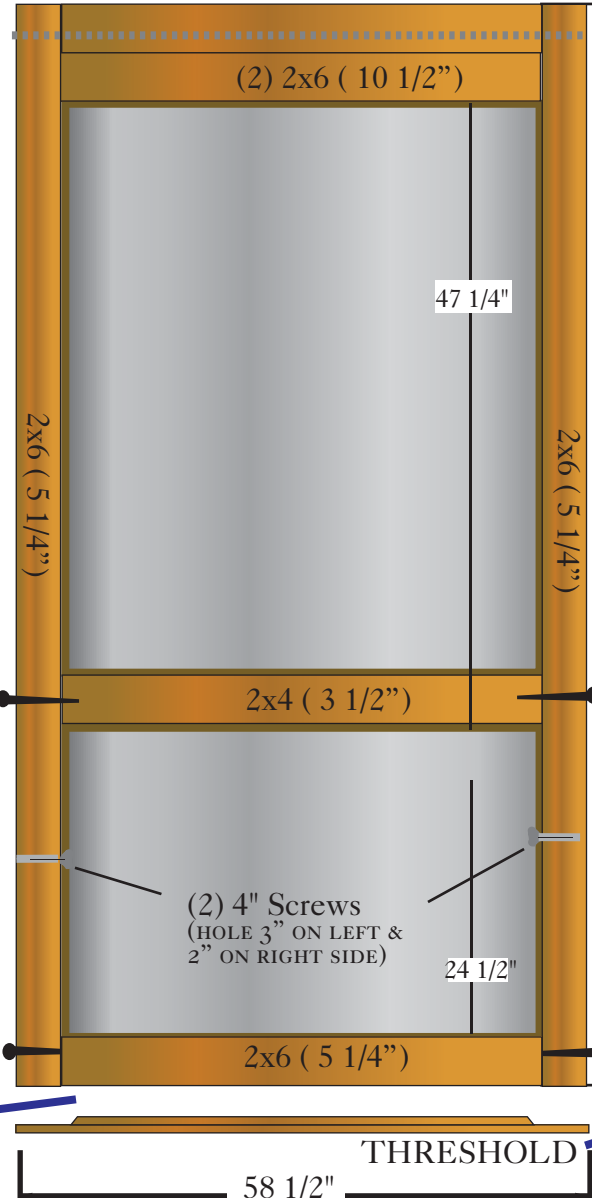
PLATED ROTO LOCK CONNECTS WALL PANEL TO POST.



4X4 Post



Panel Cap Spacer



Threaded-Through-Rod

91"

6" Structural Screws

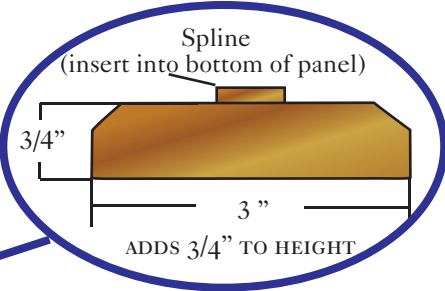
(2) 4" Screws  
(HOLE 3" ON LEFT & 2" ON RIGHT SIDE)

24 1/2"

2x6 (5 1/4")

58 1/2"

THRESHOLD

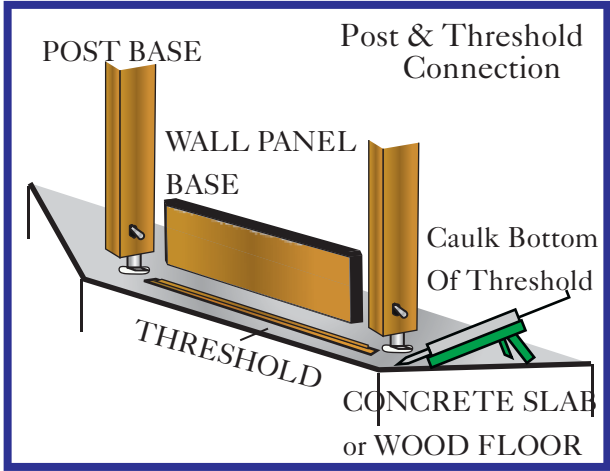


Spline  
(insert into bottom of panel)

3/4"

3"

ADDS 3/4" TO HEIGHT



POST BASE

Post & Threshold Connection

WALL PANEL BASE

Caulk Bottom Of Threshold

THRESHOLD

CONCRETE SLAB or WOOD FLOOR



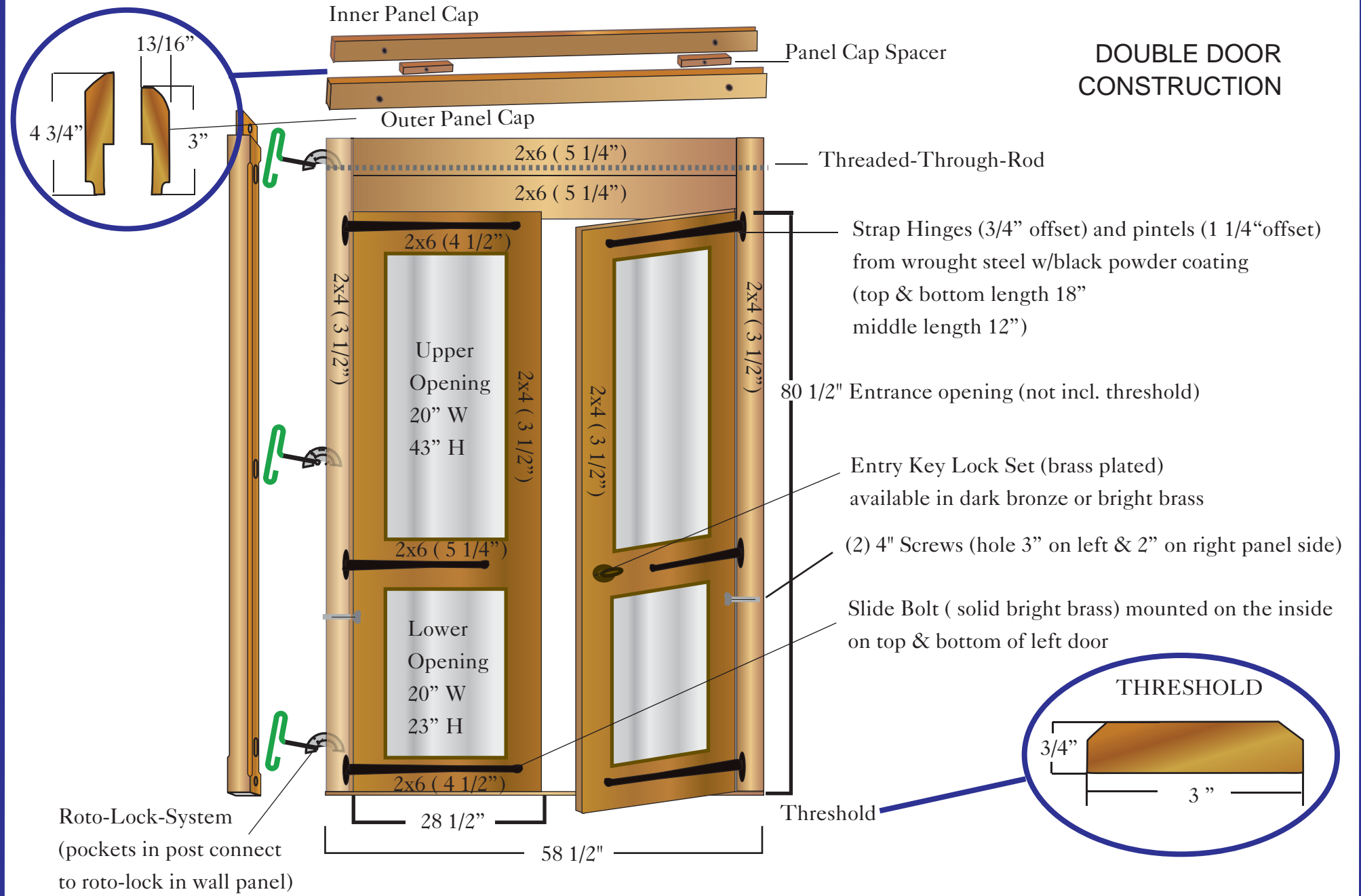
**VIXEN HILL CEDAR PRODUCTS**  
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Date: Jan 2015

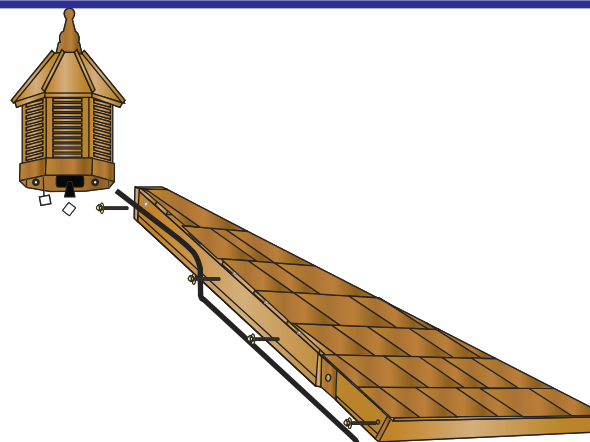
Drawing: 3 of 9  
Model: GH-15

# DOUBLE DOOR CONSTRUCTION



**Electrical**

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



**One Pre-Wired Electrical Post  
is standard for GH models**

**Additional Options:**

**Outlet posts (dual)**

**Fan Control post (fan/light)**

**Channel Posts (for custom wiring)**

**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)**



**VIXEN HILL CEDAR  
PRODUCTS**

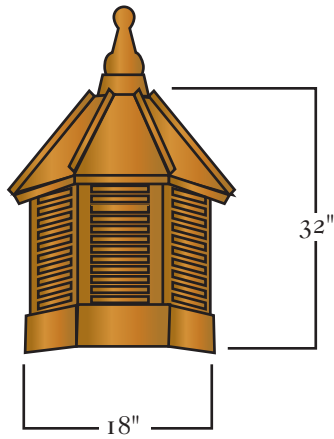
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800-423-2766*

Created by: Andrea Beringer

Date: Jan 2015

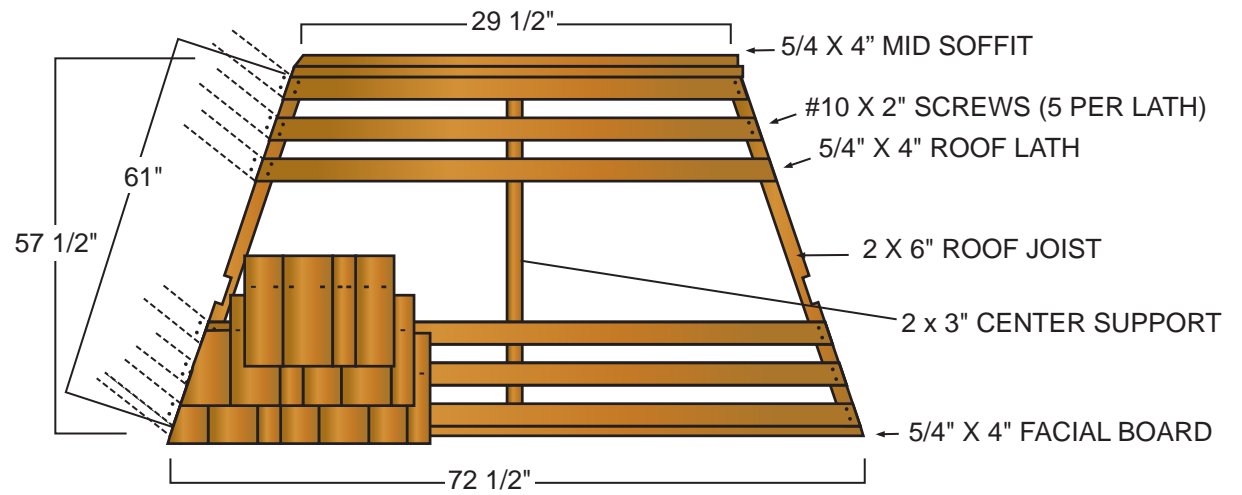
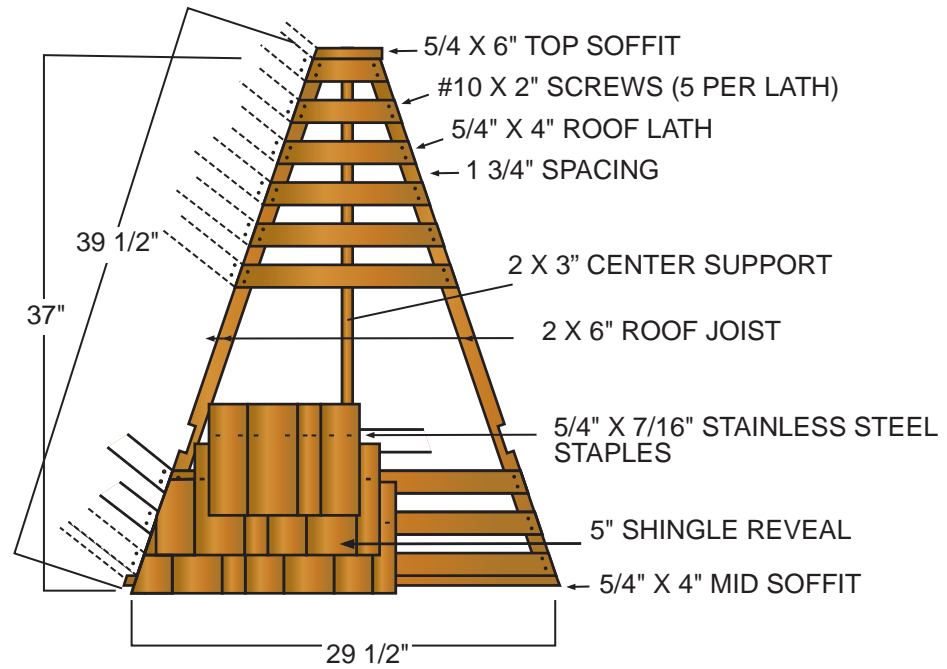
Drawing: 5 of 9  
Model: GH

# ROOF CONSTRUCTION



CEDAR SHINGLE  
OR 16 OZ. COPPER

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



Nominal Sizes



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Date: Jan 2015

Drawing: 6 of 9

Model: 15'A

# ROOF ATTACHMENT

ROOF TO POST  
MORTICE CONNECTION

UPPER ROOF

ALL ROOF SECTIONS  
ARE PRE-SHINGLED

BOTH ROOFS HAVE MID SOFFITS  
EACH HAS (2) 1/2" HOLES FOR 1/2" X 4" SS RODS

TWO MID SOFFIT 5/4" X 4"

LOWER ROOF

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

1 X 5/8" HOLE

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

ROOF JOIST

ROOF LATH

1/2" HOLE for  
3 7/8" x 3/8" SS ROD

ROTO LOCK  
SYSTEM

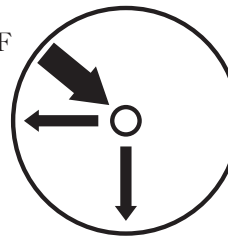
WALL PANEL

POST

LOAD  
4 X 4" POST  
95" TOTAL HEIGHT

ROOF

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.



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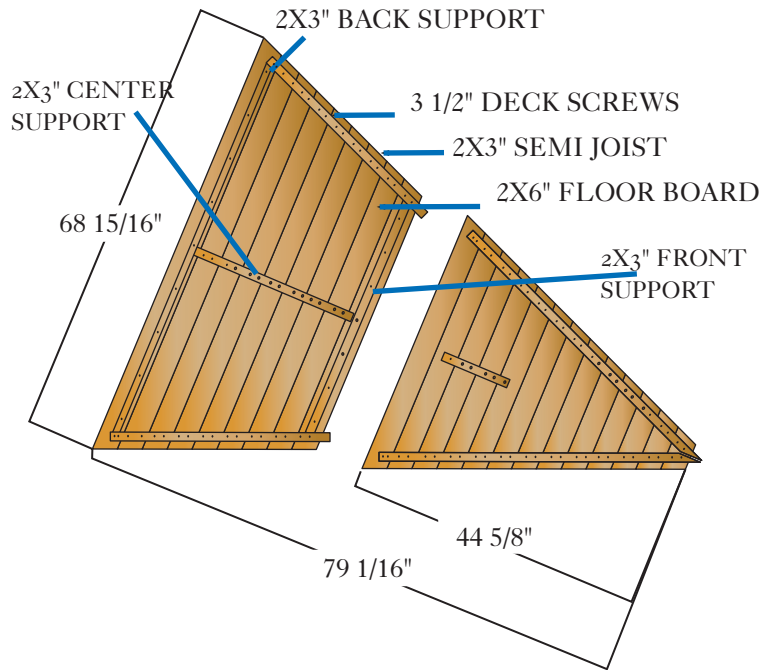
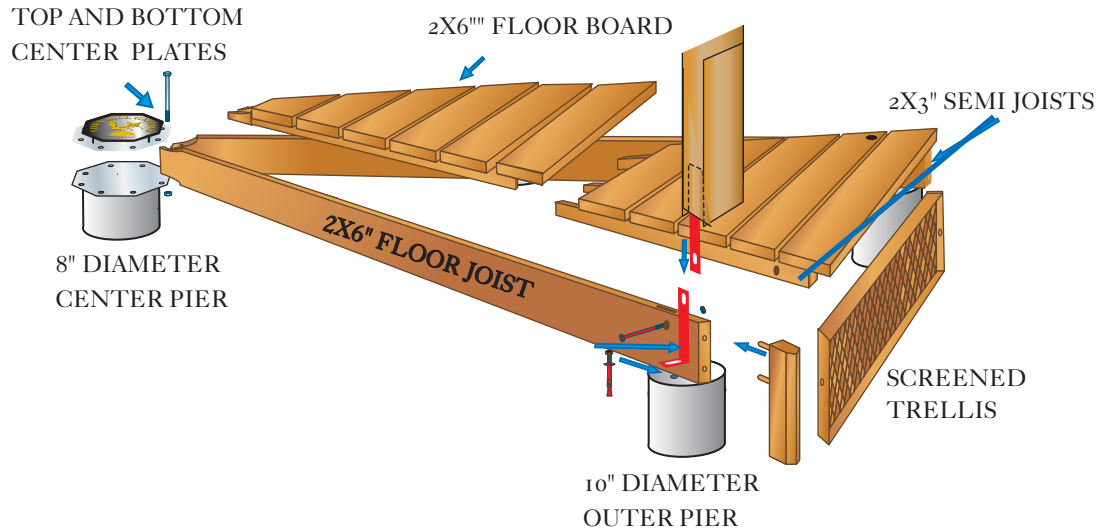
Drawing: 7 of 9

Model: 15A

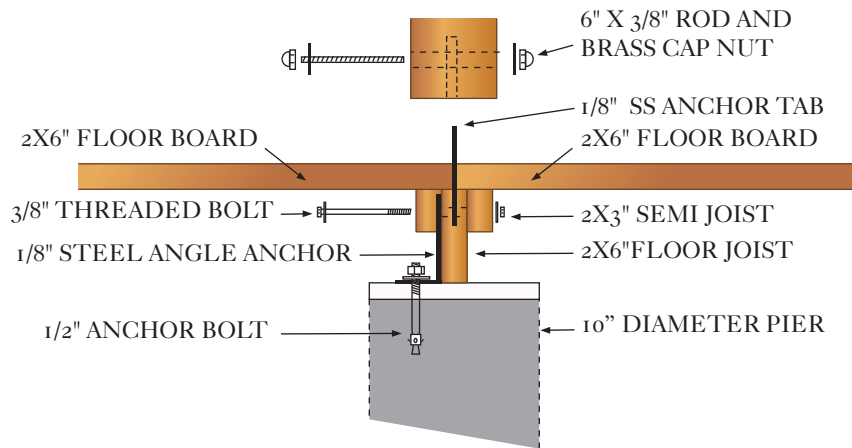


# FLOOR CONNECTIONS

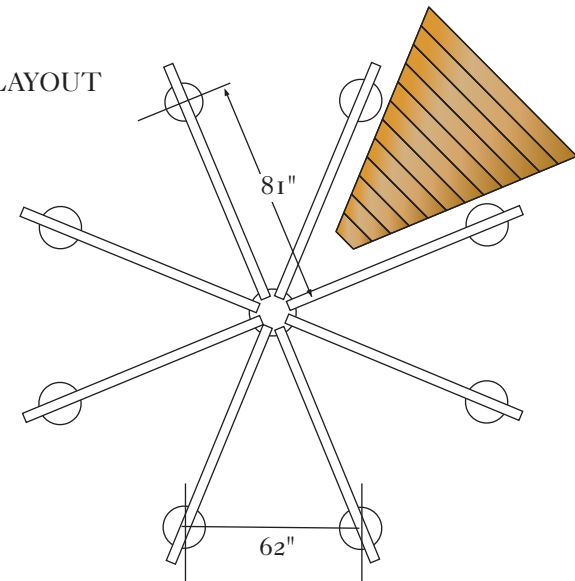
PLEASE NOTE:  
THE 15' MODEL HAS AN INNER & OUTER  
FLOOR SECTION



## END VIEW OF FLOOR ANCHORING



## PILING LAYOUT



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Drawing: 8 of 9  
Model: 15'



## SPECIFICATIONS FOR THE CABINET MODELS (9', 12', 15', 8X11'X 11X15' AND 14X19', 22')

### 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. FOR CABINET GRADE 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.

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. CONCEALED ROTO-LOCKS ARE BUILT INTO THE WALL PANEL. THE THREADED RODS FOR THE PANEL CAPPING PIECES ARE OF GALVANIZED STEEL WITH STAINLESS STEEL CAP NUTS & WASHERS AND OF A FINISH TYPE TO CONCEAL ALL THREADS. ALL HARDWARE IN GROUND CONTACT SHALL BE OF STAINLESS STEEL FOR CABINET GRADE. NO NAILS SHALL BE REQUIRED OR PROVIDED. THE STRAP HINGES FOR THE DOOR(S) ARE MADE FROM ZINC-PLATED & POWDER-COATED STEEL WITH A FLAT AND SMOOTH FINISH.

2.5 ELECTRICAL. STANDARD FOR CABINET 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 INTER-CONNECTION 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: 9 of 9

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