

WOOD'S SHOP CREATIVE BUILDERS

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Materials List Etc. for 12' x 12' Draped Azumaya

Buy the nicest grade of exterior-use lumber that you can afford and you'll have fewer problems with wood movement (warping, cracking Etc.). I like clear western red cedar. When you order, or hand select your Post and Beam stock, do get the grade FOHC (Free of Heart Center) if at all possible. You don't want that bulls eye anywhere in the timber because that's the most unstable part of the tree and will always warp twist and check.

Also, if your stock isn't kiln dried or well-seasoned, let your stock acclimate (stack it on stickers out of the direct sun and run a fan on it 24/7) for at least 10 days (good drying conditions) before you start cutting it, especially with the wide Rafter stock, and laminated Ridge's stock. This let's the wood start to shrink/move, and stabilize its moisture content, and any warps, crowns etc. will be seen easier before you start cutting. I always lightly sand and pre stain/seal (especially the end grain) all of my major components before installing. I like oil-based Penofin http://www.penofin.com/products_bl.shtml in the Cedar color.

MATERIALS LIST-

Beams 4x10 4-12'

Posts 4-6x8 x12' if in-ground, or 8' if going on top of concrete footings on grade.

Ridge 2-2x10 x10', 2-2x6x10'

Rafters 2x12-

Long Commons 6-10'

Short Commons 6-8'

Jacks 8-8'

Hips 4-10'

Blocking- 2x6 60'

Gable Ties 2x6 1-12,

Collar Ties 2x4 1-6'

Webs 2x8 1-10'

Roofing-

* 510 square' of roofing, 38' of hip cap.

Skip Sheathing-

8- 18'

8- 16'

8- 14'

8- 12'

8- 10'

14- 8'

16- 6'

2x6 T&G sheathing will almost certainly be too thick to bend down to the compound curves of this draped roof. I suggest you use skip sheathing, green (still wet, so it bends easier) rough sawn fairly clear (no large or medium sized knots) 1x4 or 1x3 a full 7/8" + thick (so your roofing nails won't poke thru). From underneath very pleasing to see all the cedar shingles between the rough sawn skip sheathing.

Here is some 1x4 skip sheathing being used on my Azumayas

<http://woodsshop.com/Azumaya/16x20/16x20.htm>

<http://woodsshop.com/Azumaya/12x12Curved-Cash/12x12Curved.htm>