

# Mr. John Bill of Materials

The following list of materials is divided into two parts, one for the 12' model and the other for the 14' model. Note that the lumber listings are the only change. The fastenings and glues for all practical purposes will vary so slightly as to be inconsequential. All lumber throughout should be first grade free from shakes or knots. All widths are listed as net. As an example, the 1" x 2-1/2" bottom battens will actually be common 3" lumberyard material. All thicknesses are for 1" or "four quarters" material. When finished, this will usually result in stock of from 3/4" to 13/16" in thickness. All lengths allow material for cutting to the exact length from the work. All plywood is designated as PW. The grade in all cases is exterior (Ext) although a full marine or solid core variety can be used. The letters designate the soundness of the outer plies, that listed being in all cases AB although AA panels are a better grade and may be used. All B surface panels should be in the inside of the boat where possible. Douglas-fir (DF) plywood is satisfactory in all cases. All plywood should be a minimum of three plies with the 3/4" material being a minimum of five plies. Check the drawings for the proper layout for use of the plywood as noted.

<b>LUMBER:</b>				
<b>ITEM</b>	<b>MATERIAL</b>	<b>NO. PCS.</b>	<b>SIZE-12'</b>	<b>SIZE-14'</b>
Frames	DF or any scrap lumber	1	1"x4"x16'	1"x4"x16'
Transom & Bow Frame	Mahog, DF or Spruce	1	1"x3"x12'	1"x3"x12'
Chine Log	Mahog, DF or Spruce	2	1"x6"x12'	1"x6"x14'
Sheer Clamp	Mahog, DF or Spruce	4	1"x1-1/2"x12'	1"x1-1/2"x14'
Bottom Battens	Mahog, DF or Spruce	7	1"x2-1/2"x12'	1"x2-1/2"x14'
Cleats	Mahog, DF or Spruce	-	Scrap fm battens & Chine	Scrap fm battens & Chine
<b>PLYWOOD</b>				
Seat, Transom & Bow pc	DF PW-Ext AB	1	3/4"x4'x8'	3/4"x4'x8'
Side & Bottom Planking	DF PW-Ext AB	3	1/4"x4'x8'	-----
		2	-----	1/4"x4'x8'
		2	-----	1/4"x4'x6'

**FASTENINGS:**

**SCREWS:** Flat head wood type with slotted or cross heads in bronze or hot-dipped galvanized steel.

3/4" #8 - 4 doz.

1" #8 - 6 doz.

1 1/2" #8 - 1 Gross

**NAILS** are ring-type boat nails in bronze.

3/4" #14 Nails - 1 lb.

1-1/4" #12 Nails - 1 lb.

**GLUE:** Hard-setting waterproof or highly water-resistant glue such as epoxy - 1/2 gal.