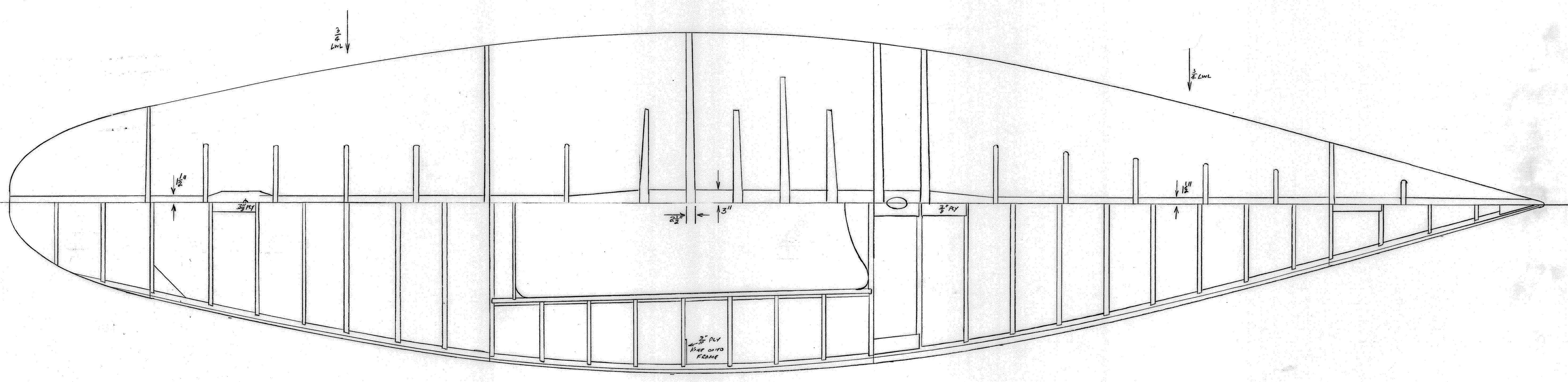
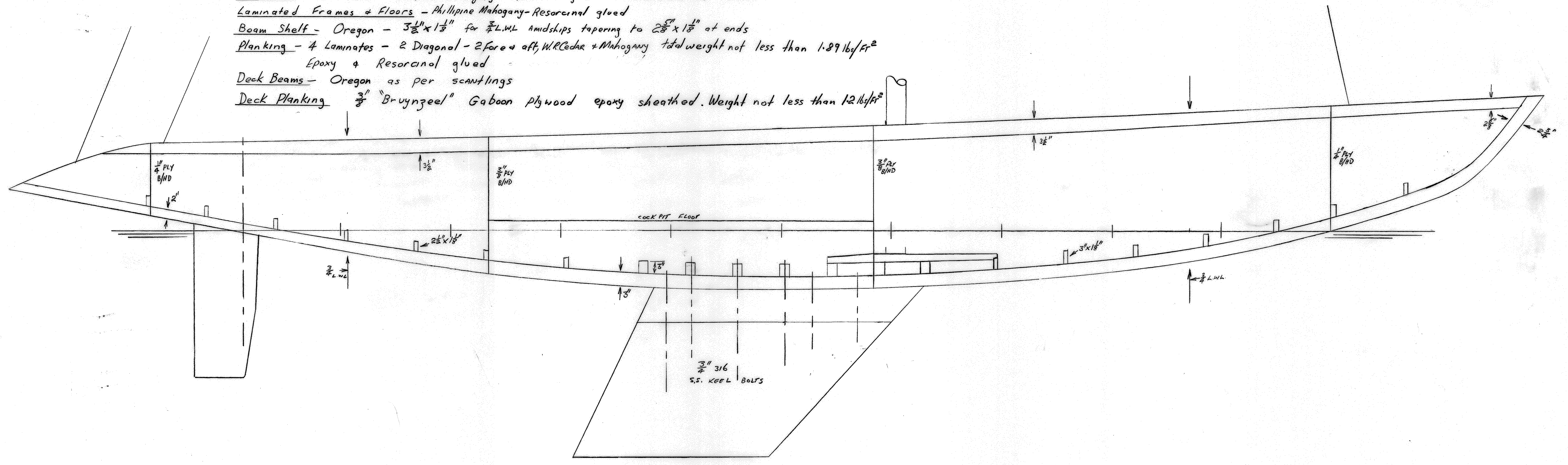


Backbone - Laminated Phillipine Mahogany - Resorcinal glued - Dimensions as shown.  
Laminated Frames & Floors - Phillipine Mahogany - Resorcinal glued  
Beam Shelf - Oregon -  $3\frac{1}{2}'' \times 1\frac{1}{2}''$  for  $\frac{3}{4}''$  L.W.L. amidships tapering to  $2\frac{5}{8}'' \times 1\frac{1}{8}''$  at ends  
Planking - 4 Laminates - 2 Diagonal - 2 fore & aft, W.R. Cedar & Mahogany total weight not less than  $1.29 \text{ lb/ft}^2$   
 Epoxy & Resorcinal glued  
Deck Beams - Oregon as per scantlings  
Deck Planking  $\frac{3}{8}''$  "Bruynzeel" Gaboon plywood epoxy sheathed. Weight not less than  $1.2 \text{ lb/ft}^2$



Fastenings - Floors & frames to backbone - epoxy glued -  $\frac{5}{16}''$  dia 316 grade S.S. bolts  
Beam shelf to ply frames - epoxy glued -  $\frac{1}{4}''$  dia S.S. bolts  
Planking to backbone  $1\frac{1}{2}'' \times 10g$  silicone bronze wood screws on 6" centres  
Planking to beam shelf & frames & floors  $1\frac{1}{2}'' \times 10g$  silicone bronze wood screws on 6" centres  
Deck Planking to beam shelf & deck beams  $1'' \times 14g$  S.B. boat nails

Keel Bolts  $\frac{3}{4}''$  dia 316 grade S. steel as shown  
 $2\frac{1}{4}'' \times 2\frac{1}{4}'' \times \frac{1}{4}''$  washers with nuts welded to base & cast into lead

WARREN MUIR Yacht Designs		
Scale	International 5.5m Sloop	Date
1" = 1ft	Tim Herbert	9-6-1983
Design No 30	DECK & HULL CONSTRUCTION	Drawn by
Dwg No 2	10/4 Kempsey Close Dee Why N.S.W.	W.Muir