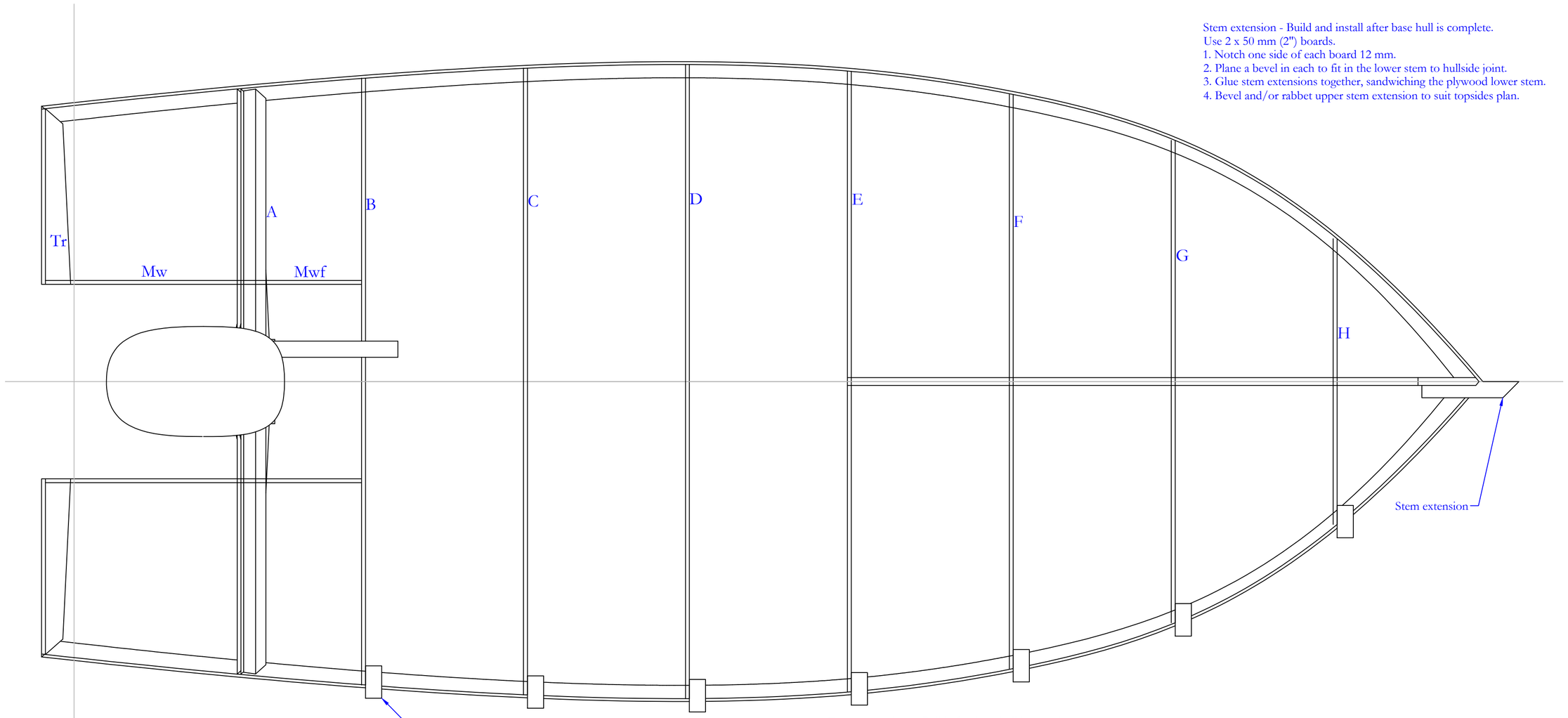
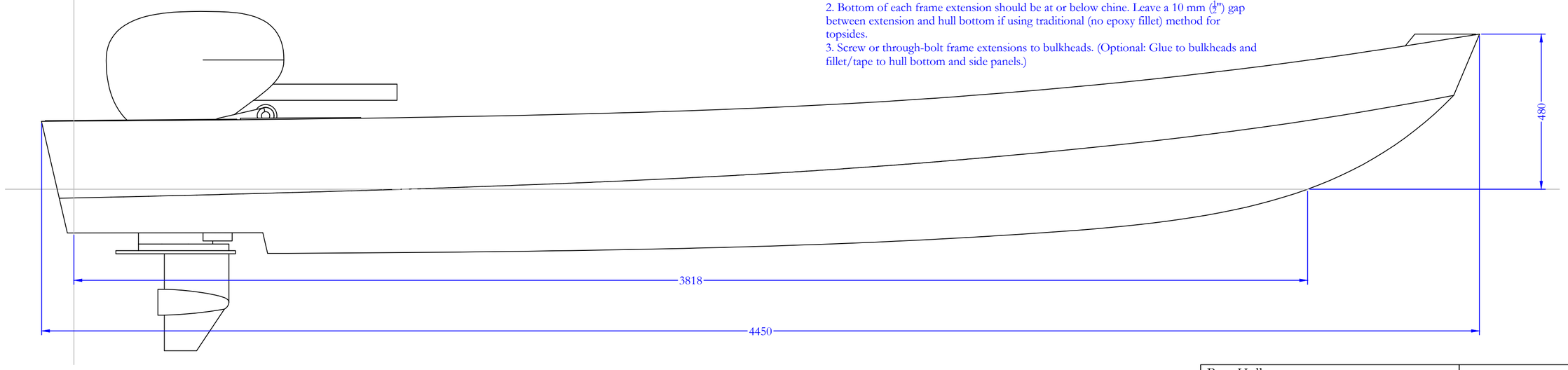
Stem extension - Build and install after base hull is complete.
Use 2 x 50 mm (2") boards.
1. Notch one side of each board 12 mm.
2. Plane a bevel in each to fit in the lower stem to hullside joint.
3. Glue stem extensions together, sandwiching the plywood lower stem.
4. Bevel and/or rabbet upper stem extension to suit topsides plan.



Topsides frame (typ.), canted and contoured to suit topsides.
(See topside plans - Sheet set B)

Frame extensions - Build after base hull is complete.
Use 50 mm x 100 mm (2" x 4") boards, or 50 mm x 150 mm (2" x 6") for highly contoured topsides.
1. Plane a bevel in the lower part of each topside frame extension to fit the hull side.
2. Bottom of each frame extension should be at or below chine. Leave a 10 mm ($\frac{1}{2}$") gap between extension and hull bottom if using traditional (no epoxy fillet) method for topsides.
3. Screw or through-bolt frame extensions to bulkheads. (Optional: Glue to bulkheads and fillet/tape to hull bottom and side panels.)



IMPORTANT NOTE
This drawing illustrates the base hull only, to which any of several optional topside / bulwark configurations can be added.
The boat is NOT INTENDED TO BE OPERATED IN THE CONDITION SHOWN HERE. The topsides are required for seaworthiness.

Base Hull: Profile & General Arrangement	
Scale 1:10	Sheet A1
Date (current rev.)	10-Feb-2013
Design Ref. 014	"Lorimer 445"
Client	

Designed by
Matthew B. Marsh
Marsh Design

1087 Craig Lane
Kingston, ON K7M 7R3
(613) 766-0420
matthew@marsh-design.com
http://www.marsh-design.com

ANSI C (17.00 x 22.00 Inches)
z:\Matthew\Marine\Designs\014_lorimer445\profile and ga.dwg
Verify plot scale with outer border: 400 x 500 mm