

When sailing  
slot in wings  
make comfortable seats  
and add extra righting moment

When rowing  
removable  
inflatable rollers  
act as fenders  
and extra buoyancy

outboard offset to port  
for righthanded sailor

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removable  
inflatable rollers  
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2:1 mainsheet

watertight  
compt Pands

removable aft thwart  
not shown

removable inflatable rollers  
act as fenders and extra buoyancy,  
stability when rowing/motoring

foam filled  
slot in wing/seat

red line chine

blue line WL

mast step for  
unstayed mast

watertight  
compt and  
daggerboard case

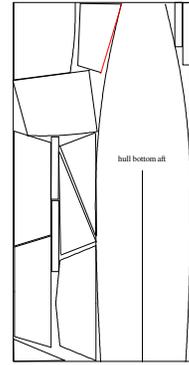
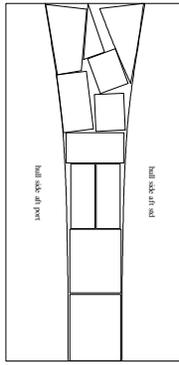
watertight  
compt

watertight  
compt

small skeg helps tracking  
when rowing and protects transom  
when beaching

2 piece unstayed mast  
sleeved luff sail

rowlock as gooseneck



All the major parts for the rowing version  
can be cut from two sheets of 4mm (3/16in) plywood

- LOA 3m (10ft)
- Rowing Beam 0.9m (3ft)
- Sailing Beam 1.5m (5ft)
- Empty Hull Weight 20kgs (45lbs)
- Sail Area 5sqm (53sqft)
- Draft 0.13m - 0.75m (5in - 2ft6in)
- Crew capacity 1-3
- Outboard 2hp max

A nesting option is feasible with  
the joint at the front of the thwart

**10ft row/sail dinghy  
DUO  
Study Plan  
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