

## WIRW 2017 Trailered Boat Launch System

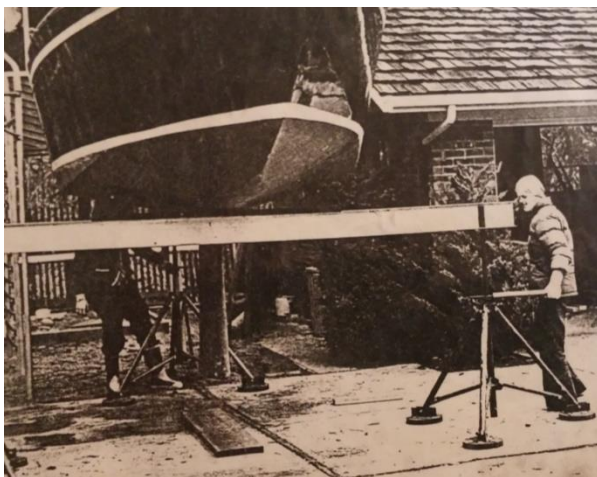
We have acquired a system to launch trailered keel boats for Whidbey Island Race Week since the marina's hoist continues to be out of service. The launching system is compatible for the following trailer/boat combinations:

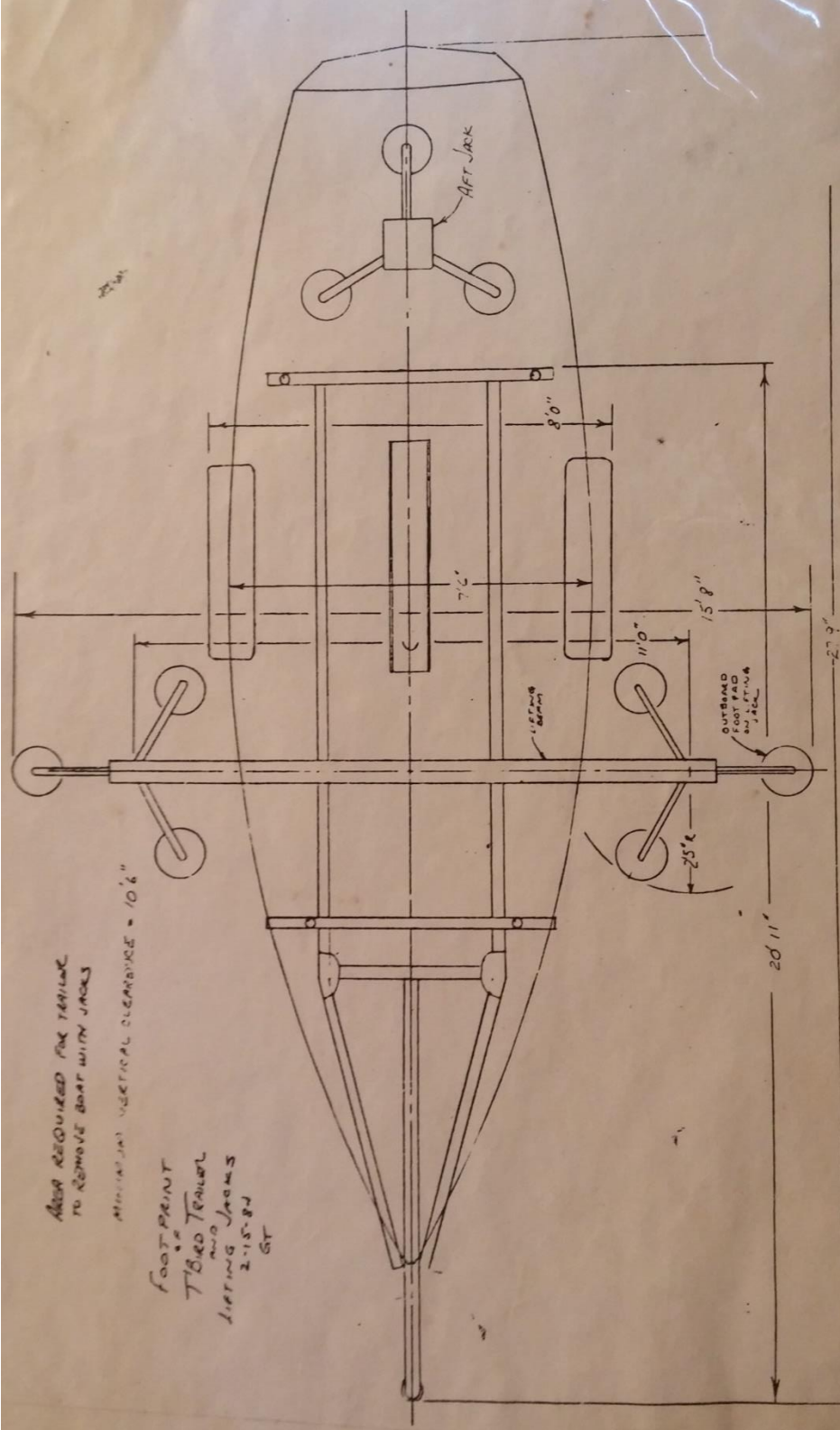
- Displacement of 6500 lbs or less
- Maximum Trailer width: 8.5 ft. May be able to make it work with 9 ft.
- Raising boat 16 in. or less allows keel to clear
  - keel pad
  - axles
  - horizontal braces/beams
  - rear bracket braces (if they can't be removed/unbolted)

The process works as follows:

- An 11 ft. long aluminum beam is placed under the boat, just forward of the keel (with Styrofoam pad). Tripod lifting jacks support each end of the beam.
- A second lifting jack with a large pad is placed just forward of the rudder.
- The lifting jacks are raised, lifting the boat off the trailer.
- The trailer is pulled out from under the boat.
- The boat is lowered to the ground and supported by jackstands provided by the marina boat yard and the lifting jacks are removed.
- The marina boatyard's launch extended launch trailer is rolled under the boat, the jackstands are removed and the boat is launched.

The system is reversed for setting boats back on their trailers after a week of great racing.





AREA REQUIRED FOR TRAILER  
TO REMOVE BOAT WITH JACKS

MINIMUM VERTICAL CLEARANCE = 10'6"

FOOT PRINT  
OF  
TRAILER  
AND  
LIFTING JACKS  
2-15'-8"  
ST