

SAGEWAX

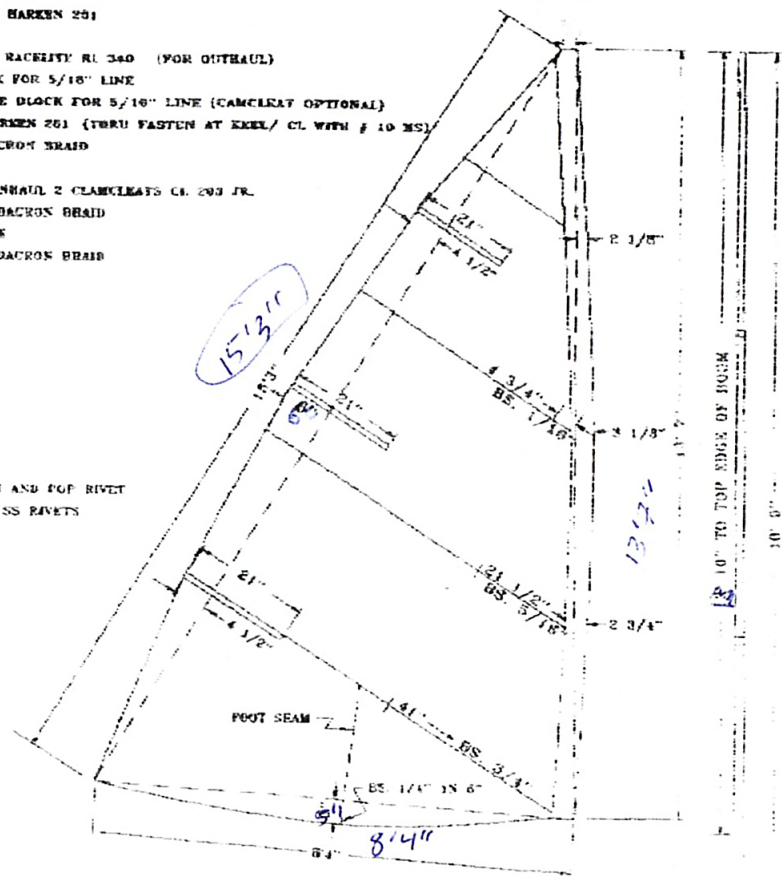
MAST • GOOSENECK RACELITE RL 320
BOOM EYESTRAPE 3 HARKEN 201

CHEEKBLOCK RACELITE RL 340 (FOR OUTHAUL)
MAFUSHEET BECKET BLOCK FOR 5/16" LINE
SWIVEL FIDDLE BLOCK FOR 5/16" LINE (CAMCLEAT OPTIONAL)
EYESTRAP HARKEN 201 (TORN FASTEN AT KHEL/ CL WITH # 10 SS)
25' 5/16" DACRON BRAID

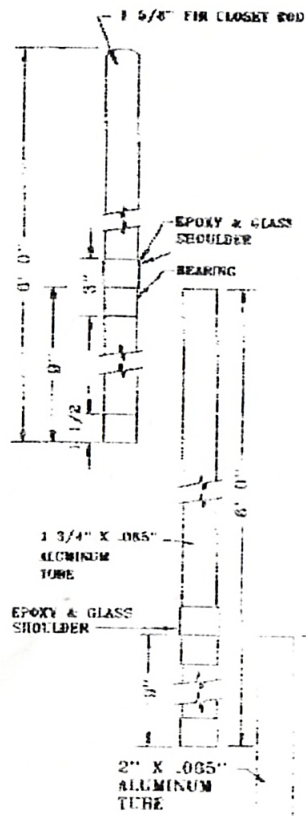
OTHER OUTHAUL/DOWNHAUL 2 CAMCLEATS CL 203 JIL
LINE 1/8" DACRON BRAID
BOOMYANG 4 PART TACKLE
LINE 1/8" DACRON BRAID

REMOVE TACK FITTING
FORM BASEPLATE TO MAST AND FOR RIVET
TO MAST WITH 4 3/16" SS RIVETS
PAUSE UNDER

MAKE SAIL SLEEVE FROM STRETCHY MATERIAL SUCH AS SAIL BAG CLOTH
9" TO 12" WIDE



IS - BROAD SEAM
MAKE BOOM FROM CLEAR FIR OR SPRUCE
SCALE: 1/2" = 1' 0"



THREE PIECE MASTS ARE MADE FROM:
2 ALUMINUM LOWER SECTIONS:
1 - 6' X 2" X .065" 6061 T6 TUBE
1 - 6' X 1 3/4" X .065" 6061 T6 TUBE
AND WOOD UPPER SECTION:
1 - 6' X 1 5/8" FIR CLOSET ROD

THE MAST SECTIONS ARE PUT TOGETHER WITH BEARINGS WITH SHOULDERS. THE BEARINGS ARE MADE WITH FIBERGLASS TAPE AND EPOXY WRAPPED AROUND THE TWO UPPER SECTIONS. EACH JOIN HAS AN UPPER & LOWER BEARING APPLIED AT THE LOWER END OF EACH OF THE TWO SECTIONS. THE BEARINGS FIT THE SMALLER SECTIONS TO THEIR LOWER PARTNER. THE SHOULDER HOLDS THEM UP.

TO MAKE BEARINGS (FOR BOTH TOP SECTIONS):
USE 3" X 1 1/2" WIDE FIBERGLASS TAPE. MARK SPAN TO PLACE UPPER BEARING SO THE CENTER IS 6" ABOVE THE LOWER END. THE LOWER BEARING IS AT THE BOTTOM OF THE SECTION. EACH TOP BEARING IS 3". EACH BOTTOM IS 1 1/2". WEAVE TAPE WITH EPOXY AS YOU WRAP IT AROUND AND AROUND THE SECTION. BUILD TO A THICKNESS TO EASILY SLIDE INTO THE NEXT LOWER SECTION. DO NOT OVERSHIELD - IT IS EASIER TO ADD A LAYER THAT TO SAND (REMOVE) ONE WHEN DRY. SAND SMOOTH. CREATE A SHOULDER ON EACH UPPER BEARING BY WRAPPING OVER THE TOP HALF WITH 1 1/2" TAPE (THIS IS USUALLY ABOUT 2-3 WRAPS OR WILL FIT BEARINGS). SAND SMOOTH WHEN DRY.

MAKE THE WOODEN PLUG FOR THE MAST BOTTOM AS SHOWN. EPOXY IT INTO THE BOTTOM OF THE MAST.

YOU MAY TAPER THE UPPER WOOD SECTION TO 1 1/4" AT THE TOP.

WOODEN MASTS ARE FROM SOLID STOCK. CLEAR SERVICE OR FIR. THE LOWER HALF TO BE 2 1/4" DIAMETER, TAPERING TO 1 1/4" AT THE HEAD. WOOD MASTS ARE USUALLY ONE PIECE, BUT THEY MAY BE MADE WITH A JOIN TO BREAK DOWN FOR ON BOARD STORAGE.

SCALE 2" = 1' 0"

Spindrift 10

RIGGING & SAIL PLAN
SUGGESTED HARDWARE LIST

REDWAX 6-3-84
SCALE AS SHOWN
DESIGNED BY GILMAN D. WHEELER, N.A.
B&B TACKLE DESIGNS P.O. BOX 400 FORTSMITH, W.V. 25434

