







730

MH
SN 22

12

16

15

10

21





OPTIONAL
GENOA REACHING TRACK.
ABLE TO LOCATE ALONG
COMPLET AWA SIDE -
INSTALLED ONLY AFTER
SKILING & TESTING
LOCATION IF REQD!

FOAM
& STRINGERS

REF FOR
DBC
STAG
STA7

1" x 3/2"

STAG
STA7

8

9

10

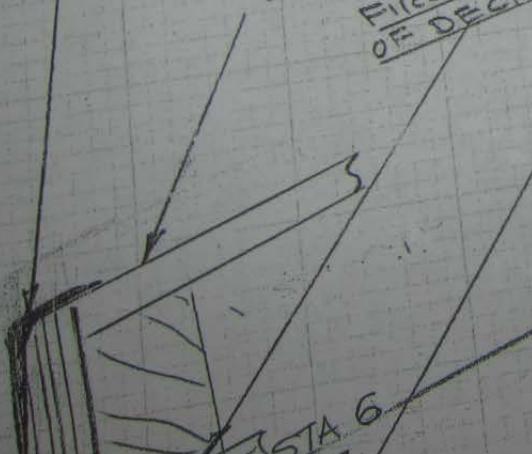


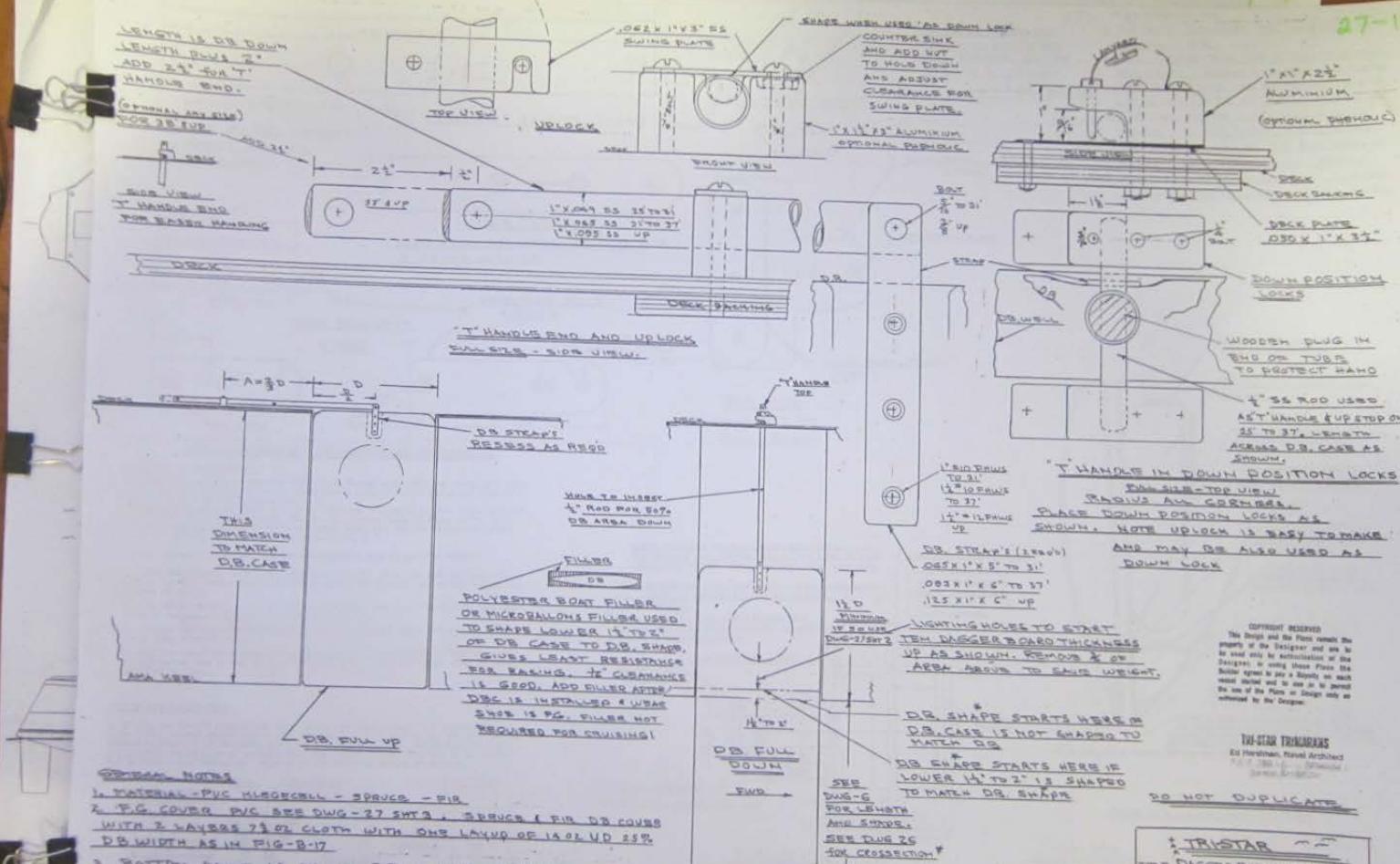
F.G. DECK LAPS OVER
WEAR SHOE TO MAKE
STRAIGHT EDGE IN D.B.C

TOP DECK PLYWOOD

FIRST LAYER
OF DECK

TOP SIDE STRINGER
ON DAGGER BOARD CASE
USE FULL SIZE
PATTERNS TO POSITION

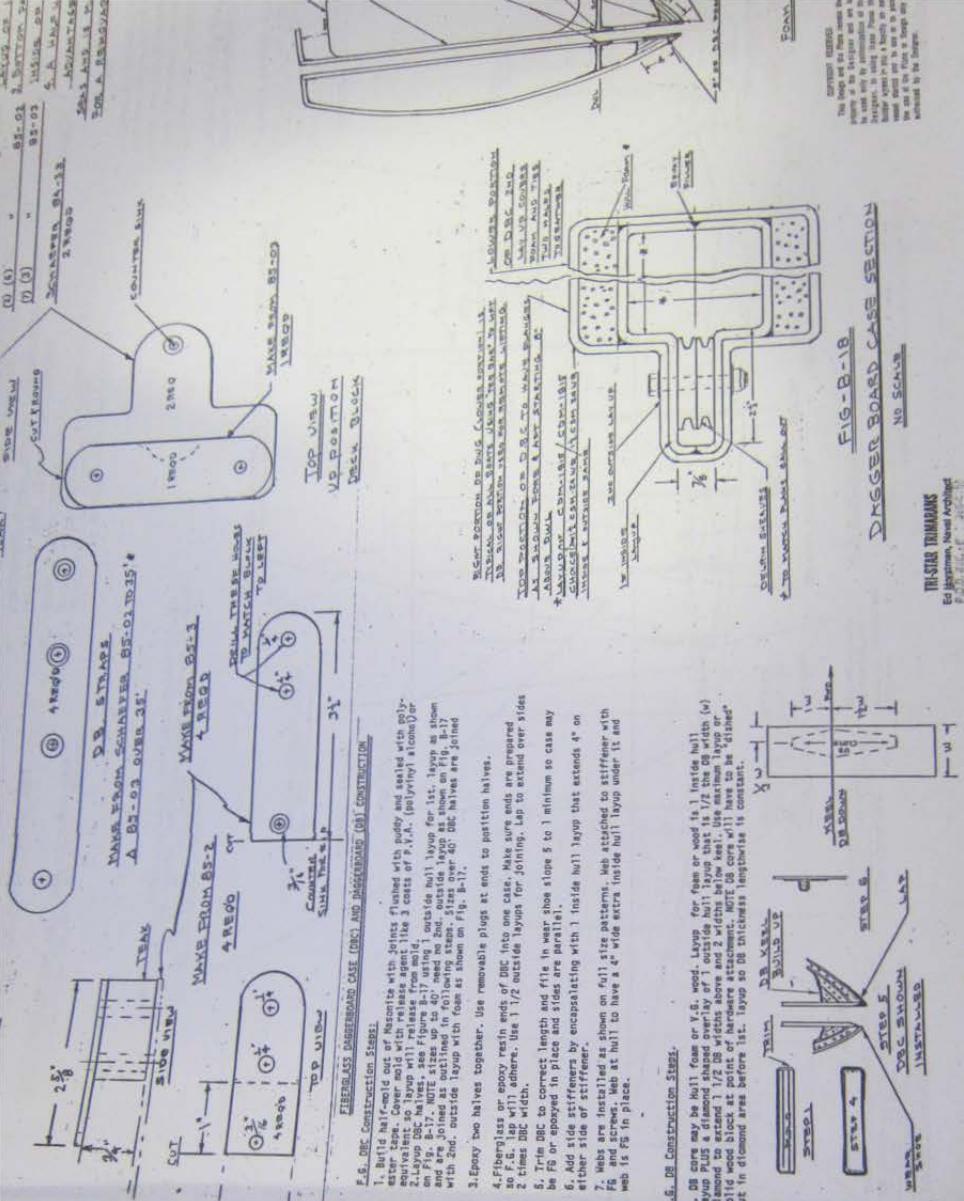




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TRISTAR TRIMARAN
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* TRISTAR --		
THE DAGGERBOARD DETAILS		
DESIGNED BY NAVAL ARCHITECT ED HERDMAN		
DRAWN BY ERIC WALTERS	VERSION	Dwg No
ERIK WALTERS	REVISED	-27
		SHT 1



THE GLASS DAGGERBOARD CASE (DNC) AND DAGGERBOARD (DN) CONSTRUCTION

- D.E.C. Construction Details:**

 1. Build half model of casters with joints fitted with gudgeon and sealed with polyester resin. Cover mold with release compound like 3 parts of P.V.A. (polyvinyl) & one part epoxy resin. Lay up 1/8" thick. Let set 24 hours.
 2. After casting, lay up 1/8" thick. Let set 24 hours. Remove from mold. Take off casting supports. Sand down edges. Paint with 2 coats of black paint.
 3. Glue two halves together. Use removable plugs at ends to position halves.
 4. Fiberglass 1/4" or 1/2" wide resin ends of DIC into one case. Make sure ends are prepared so 2 times DIC width.
 5. Trim DIC to correct length and file in wear shoe slope 5 to 1 minimum so case may be FIR'd or activated in place and sides are parallel.
 6. Add a die stiffeners by encapsulating with 1. Inside half 1 layer that extends 4" either side of activator.
 7. Hubs are casted as shown on full size patterns. Hub attached to stiffener with

- F.6. DB Construction Stages.

FIG-B-18

TRI-STAR TRADEMARK
Ed Horan, Naval Arch

TRI-STAR TRIMARANS
Ed Horstman, Naval Architect

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THIS IS CROSS
SECTION VIEW OF
D.B. CASE & HOW IT
IS BLENDDED INTO HULL

AMA SOLE

FILLER

FILL IN AS SHOWN
BETWEEN STA GA
97A

1" X $\frac{1}{2}$ "
STRINGER BETWEEN
GA & 7A

1X5 ($\frac{3}{4}$ " X $4\frac{1}{2}$ ") ON D.C.

AMA FSP DWG-4

1-STAR 49-50-54

L SIZE AMA PATTERNS

MA STA 8 TO STEPS



A01
I

2A
I

II



SHOWN
ON STA GA

2 1/2"
IN BETWEEN

1x5 ($\frac{3}{4}'' \times 4\frac{1}{2}''$) ON D.C.

$\frac{3}{8}''$ PLYWOOD OF
DG CASE SIDE

1x5 ON DBC

WEAR SHOE
SHT 6

STA 13

STA 12

STA 11

STA 10

STA 9

STA 8

