

NOTES

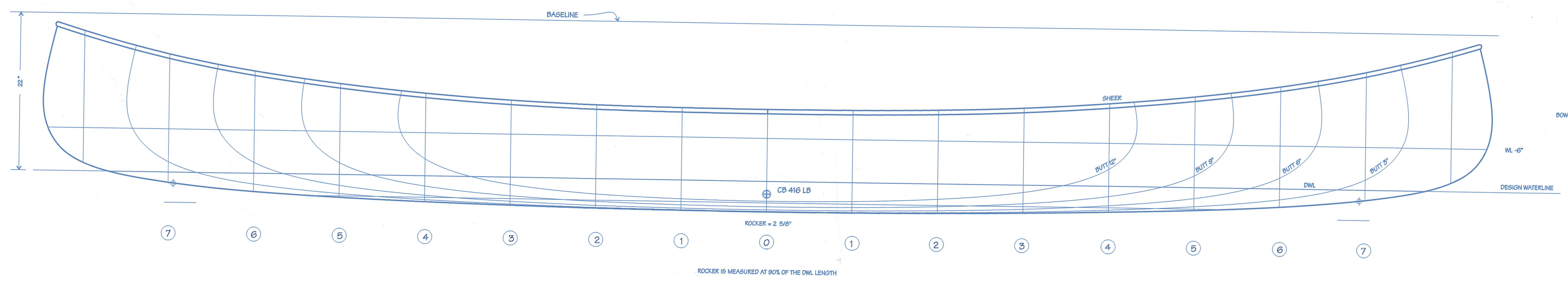
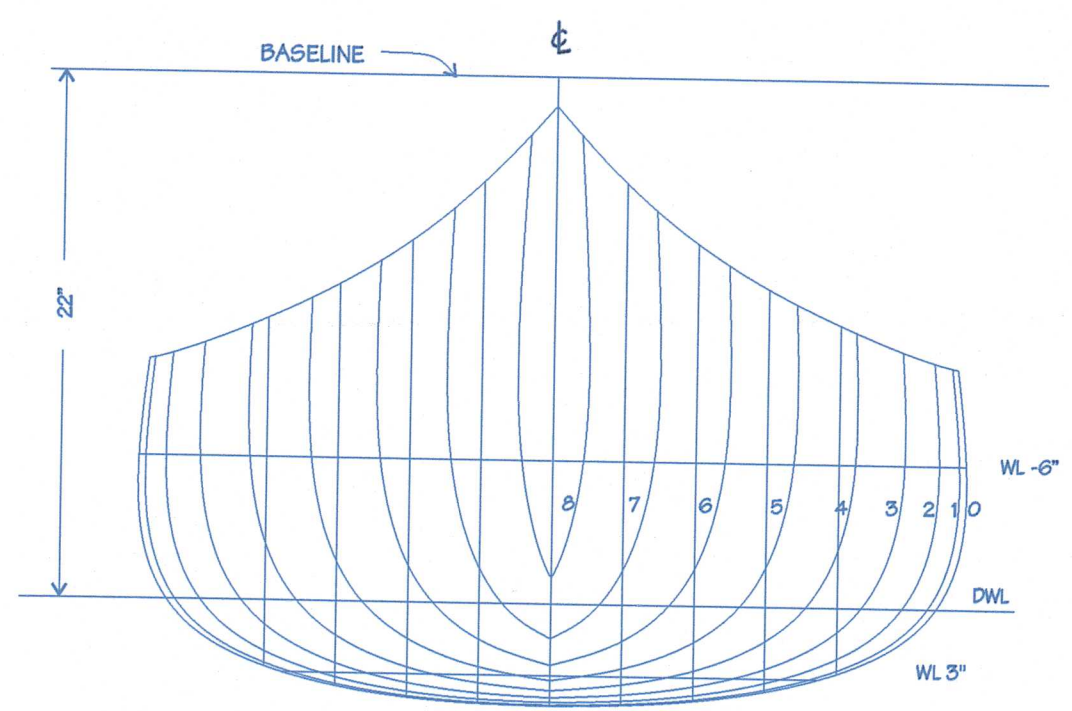
STATION SPACING 12"

WATERLINE SPACING AS SHOWN

BUTTOCK SPACING 3"

THESE LINES ARE TO THE INSIDE OF THE FINISHED HULL.

DIMENSIONS	
LOA	17' 0"
BMAX	35"
BWL (4.5" WL)	32.6"
BGUNNEL	34.3"
BOW HT	25"
CENTRE DEPTH	14.5"
DRAFT	4.5"
DISPL	416 LBS
WETTED SURF	28.6 S.F.
METACENTRE	14.5"
WT TO IMMERSE	96 LBS/IN
MOM TO TRIM	600 IN-LB/IN
PRISMATIC COEFF	0.532
OPTIMUM CAPACITY	350-680
STABILITY FACTOR	102



Steve Killing
Yacht Design



Drawings, fitting, modifications, calculations and, in some cases original design, by Steve Killing

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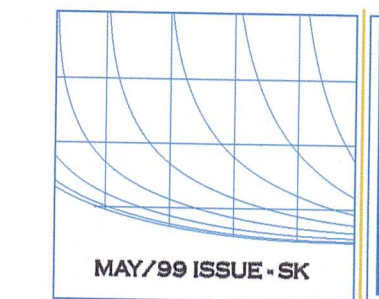
THE STABILITY FACTOR IS CALCULATED FOR CANOES AND ROWBOATS AT A COMMON DISPLACEMENT OF 400 LBS. THE VALUES ARE BASED ON THE METACENTRIC HEIGHT AT 15 DEGREES HEEL WITH 12.24" TAKEN AS 100 PERCENT.

THE 17' NOMAD: RECOGNIZING THE POPULARITY OF THE CLASSIC 16' CHESTNUT PROSPECTOR 'FORT', CANADIAN CANOES COMMISSIONED TED MOORES TO DESIGN A 17' TRIPPING CANOE WHICH WOULD BE A KINDRED SPIRIT TO THE 'FORT'. THE MID SECTION AND PROFILE ARE SIMILAR TO OUR 16' PROSPECTOR BUT WITH MUCH OF THE HOLLOW IN THE WATER LINES REMOVED. THIS ADDS SOME VOLUME AND STABILITY TO THE HULL BELOW THE WATER LINE AND MAKES A VERY EASY SHAPE TO PLANK IN CEDAR STRIP CONSTRUCTION.

THESE LINES ARE A REPAIRING OF THE ORIGINAL BEAR MOUNTAIN DESIGN FROM 1994. IT IS SHOWN HERE FLOATING ON THE 4.5" WATERLINE. DURING THE RE-PAIRING BY STEVE KILLING LITTLE CHANGE WAS MADE TO THE OVERALL SHAPE OF THE CANOE.

NOTE:
THE PURCHASER OF THESE PLANS IS ENTITLED TO BUILD ONE BOAT FOR HIS/HER OWN USE. PLEASE SEND A \$40 ROYALTY FOR EACH ADDITIONAL BOAT BUILT FROM THESE PLANS. THANK YOU FOR YOUR CONSIDERATION.

REPRODUCTION OF THESE PLANS FOR SALE TO ANY THIRD PARTY IS EXPRESSLY PROHIBITED WITHOUT SPECIAL PERMISSION FROM BEAR MOUNTAIN. BUILDING BOATS TO THESE PLANS FOR COMMERCIAL PURPOSES MAY BE DONE ONLY WITH SPECIAL PERMISSION FROM BEAR MOUNTAIN.



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HULL MOLD LINES

17' 0" NOMAD

SCALE 1:8 (1 1/2"=1'0") MAY, 1999 DRAWING 9910-10

The Original Bear Mountain Small Craft Plans