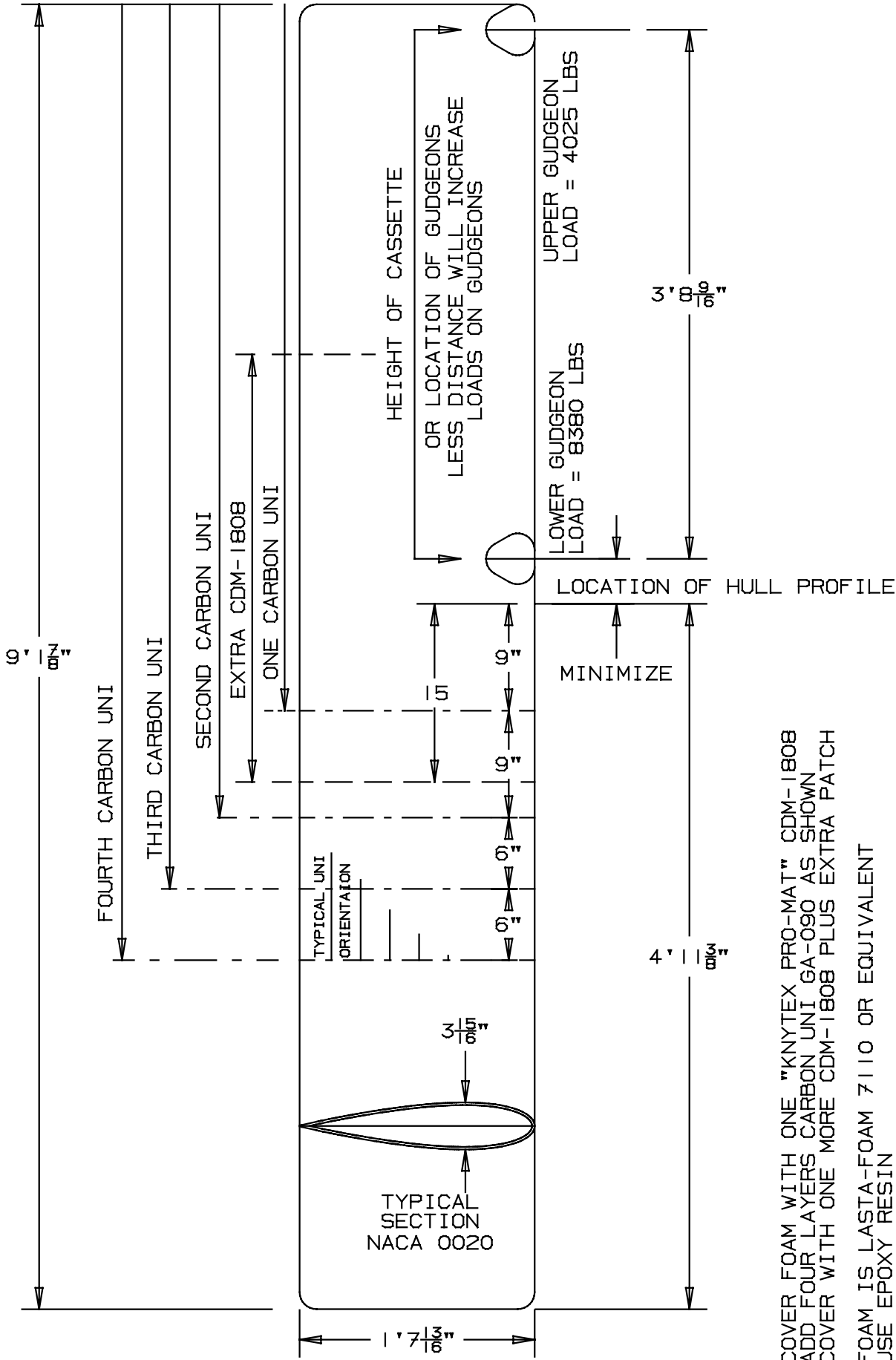


FOR SMALLER BOATS, DIMENSIONS CAN BE SCALED BY BOAT LENGTH  
 DRAFT OF EMERGENCY RUDDER SHOULD BE HALF DRAFT OF PRIMARY RUDDER OR MORE



COVER FOAM WITH ONE "KNYTEX PRO-MAT" CDM-1808  
 ADD FOUR LAYERS CARBON UNI GA-090 AS SHOWN  
 COVER WITH ONE MORE CDM-1808 PLUS EXTRA PATCH  
 FOAM IS LASTA-FOAM 7110 OR EQUIVALENT  
 USE EPOXY RESIN  
 THIS LAYUP ONLY VALID FOR 20% THICK FOIL, NACA 0020  
 ROUGH OUTSIDE SURFACE IS OK  
 TAPE LEADING AND TRAILING EDGES FOR GOOD BOND

DRAWING  
 ER-50

TYPICAL EMERGENCY RUDDER BLADE  
 FOR BOATS UP TO 50' LONG

ANTRIM ASSOCIATES, NAVAL ARCHITECTS  
 4018 ARCHERY WAY, EL SOBRANTE, CA. 94803 (510) 223-9680  
 SCALE: (1:12) 1" = 1' FEB 20, 2004