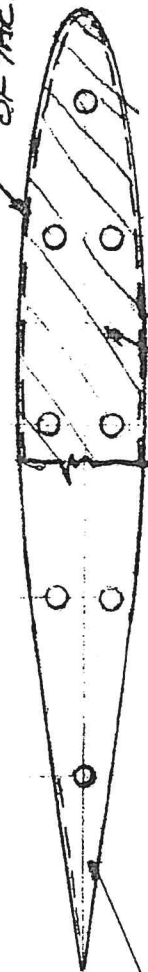


1) IT IS RECOMMENDED THIS REPAIR BE MADE WITH THE BOAT OUT OF THE WATER, PROPERLY SUPPORTED WITH APPROX 70% OF THE TOTAL BOAT WEIGHT ON THE KEEL.

CUT AWAY GLASS OVER WOOD AT THE PERIMETER OF THE HORIZONTAL SURFACE.

TOP VIEW



KEEL STUB WITH WOOD CORE REMOVED

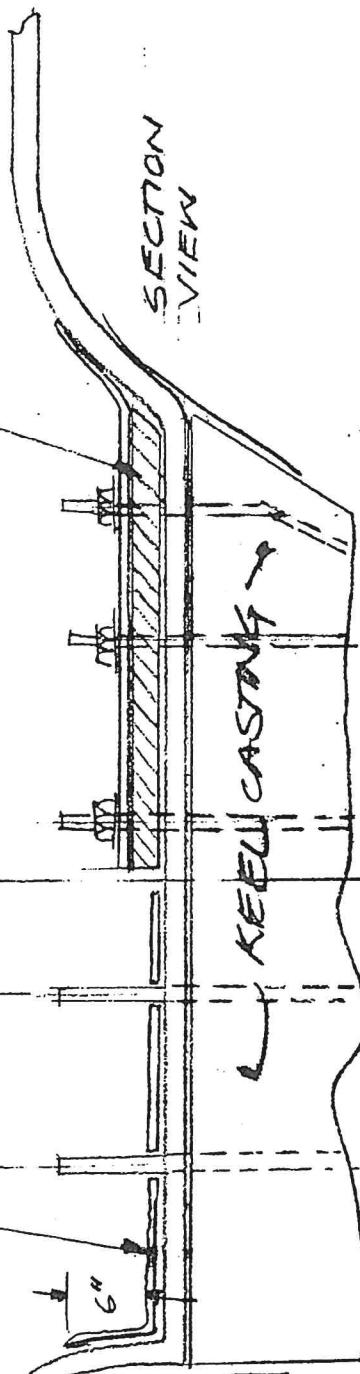
EXISTING KEEL STUB WITH PLYWOOD OR HARDWOOD CORE

2) REMOVE THE NUTS AND WASHERS FROM THE KEEL BOLTS  
3) CUT AWAY THE LAYER OF GLASS COVERING THE WOOD, BY MAKING A CUT AT THE PERIMETER OF THE HORIZONTAL KEEL SUMP SURFACE, APPROX 1/8" DEEP

4) CHISEL OR PEEL THE GLASS FROM THE WOOD, CHISEL OUT THE WOOD BELOW DOWN TO THE FIBER GLASS, BENEATH. CLEAN AWAY LOOSE MATERIAL AND SAND SURFACE  
5) MASK EXPOSED THREADS OF KEEL BOLTS  
6) LAMINATE (3) LAYERS OF 1.5 OZ MAT AND 24 OZ. ROVING ALTERNATELY LAPPING UP AND KEEL STUB SIDES APPROX 2"

7) AFTER LAMINATE IS CURED REMOVE TAPE FROM BOLT THREADS  
8) PAINT OUT KEEL SUMP WITH WHITE GEL COAT  
9) INSTALL WASHERS AND NUTS.  
10) TORQUE BOLTS PER SCHEDULE.

SECTION VIEW



KEEL CASTING

Catalina Yachts

21200 VICTORY BLVD.  
WOODLAND HILLS, CA  
91367-(818)884-7700

SCALE: 1/2  
DATE: 2.10.96

APPROVED BY: 40

TITLE: KEEL STUB WOOD REMOVAL PROCEDURE

BOAT: TYPICAL PRE-1900 MODELS  
DRAWING NUMBER: -0