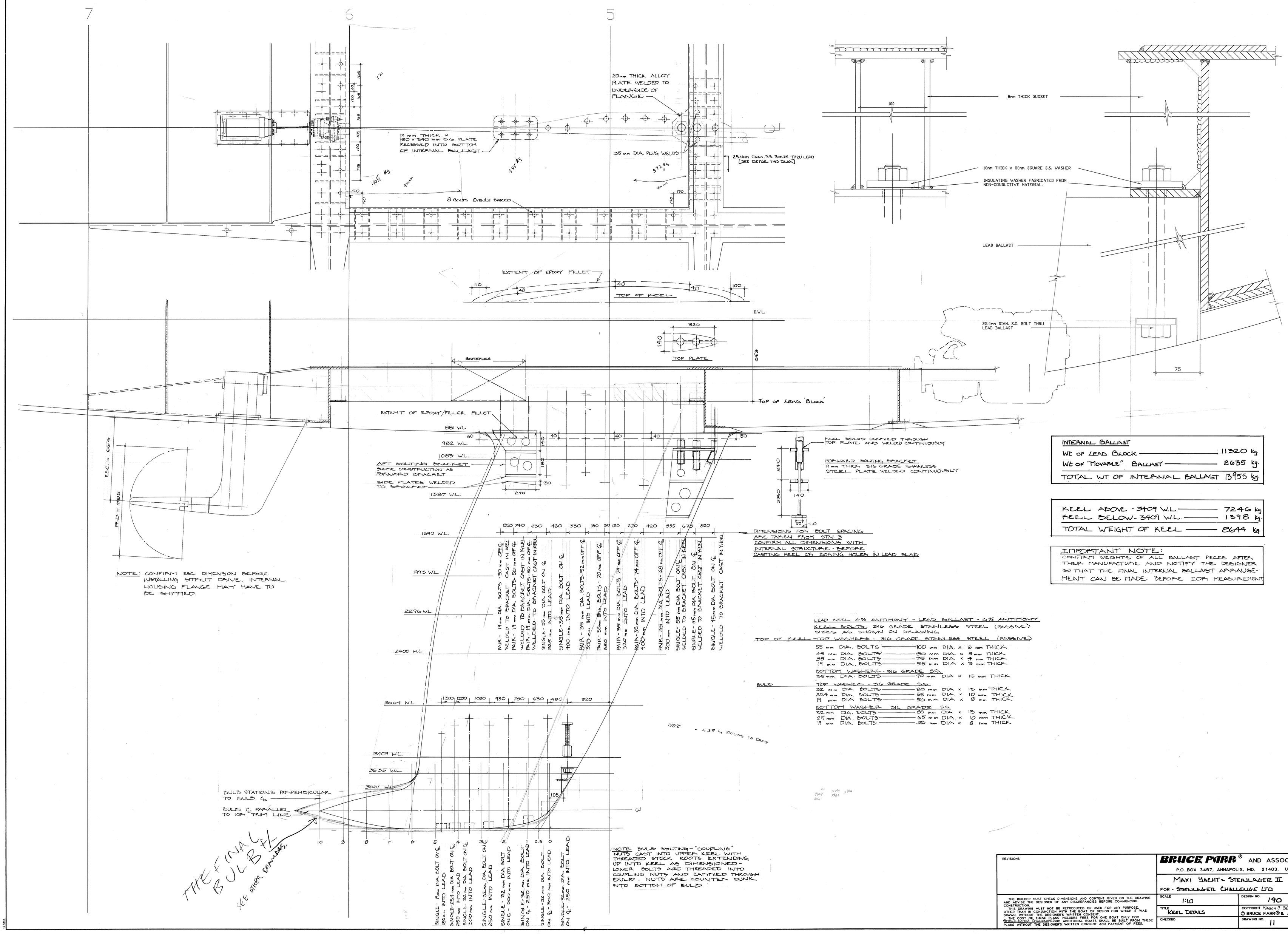

NOTE: CONFIRM ESC DIMENSION BEFORE INSTALLING STRUT DRIVE. INTERNAL HOUSING FLANGE MAY HAVE TO BE SHIMMED.

INTERNAL BALLAST	
WT OF LEAD BLOCK	11320 kg.
WT OF "MOVABLE" BALLAST	2635 kg.
TOTAL WT OF INTERNAL BALLAST	13955 kg.

KEEL ABOVE - 3409 W.L.	7246 kg.
KEEL BELOW - 3409 W.L.	1398 kg.
TOTAL WEIGHT OF KEEL	8644 kg.

IMPORTANT NOTE:
CONFIRM WEIGHTS OF ALL BALLAST PIECES AFTER THEIR MANUFACTURE AND NOTIFY THE DESIGNER SO THAT THE FINAL INTERNAL BALLAST ARRANGEMENT CAN BE MADE BEFORE 10M MEASUREMENT

LEAD KEEL 4% ANTIMONY - LEAD BALLAST - 6% ANTIMONY
KEEL BOLTS: 316 GRADE STAINLESS STEEL (PASSIVE) SIZES AS SHOWN ON DRAWING

TOP OF KEEL - TOP WASHERS - 316 GRADE STAINLESS STEEL (PASSIVE)

55 mm DIA. BOLTS	100 mm DIA.	x	6 mm THICK
45 mm DIA. BOLTS	80 mm DIA.	x	5 mm THICK
35 mm DIA. BOLTS	75 mm DIA.	x	4 mm THICK
19 mm DIA. BOLTS	55 mm DIA	x	3 mm THICK

BOTTOM WASHERS - 316 GRADE SS.

55 mm DIA. BOLTS	90 mm DIA	x	15 mm THICK

BULB

TOP WASHER - 316 GRADE SS.

32 mm DIA. BOLTS	80 mm DIA	x	13 mm THICK
25.4 mm DIA. BOLTS	65 mm DIA.	x	10 mm THICK
19 mm DIA BOLTS	50 mm DIA.	x	8 mm THICK

BOTTOM WASHER 316 GRADE SS.

32 mm DIA. BOLTS	80 mm DIA	x	13 mm THICK
25 mm DIA. BOLTS	65 mm DIA.	x	10 mm THICK
19 mm DIA. BOLTS	50 mm DIA	x	8 mm THICK

1398 - 6394 REDUCE TO DWG

REVISIONS

BRUCE FARR® AND ASSOC., INC.
P.O. BOX 3457, ANNAPOLIS, MD. 21403, U.S.A.

MAXI YACHT - STEINLAGER II
FOR - STEINLAGER CHALLENGE LTD.

THE BUILDER MUST CHECK DIMENSIONS AND CONTENT GIVEN ON THE DRAWING AND ADVISE THE DESIGNER OF ANY DISCREPANCIES BEFORE COMMENCING CONSTRUCTION.
THIS DRAWING MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE, OTHER THAN IN CONJUNCTION WITH THE BOAT OR DESIGN FOR WHICH IT WAS DRAWN, WITHOUT THE DESIGNER'S WRITTEN CONSENT.
THE COST OF THESE PLANS INCLUDES FEES FOR ONE BOAT ONLY FOR BUILDING PURPOSES. NO ADDITIONAL BOATS SHALL BE BUILT FROM THESE PLANS WITHOUT THE DESIGNER'S WRITTEN CONSENT AND PAYMENT OF FEES.

SCALE 1:10	DESIGN NO. 190
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CHECKED	DRAWING NO. 11