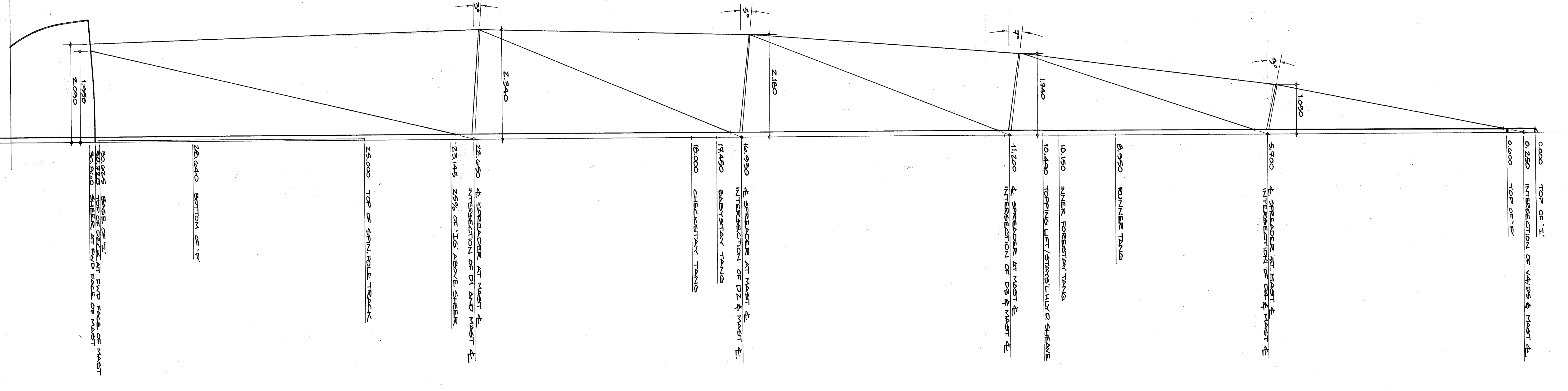
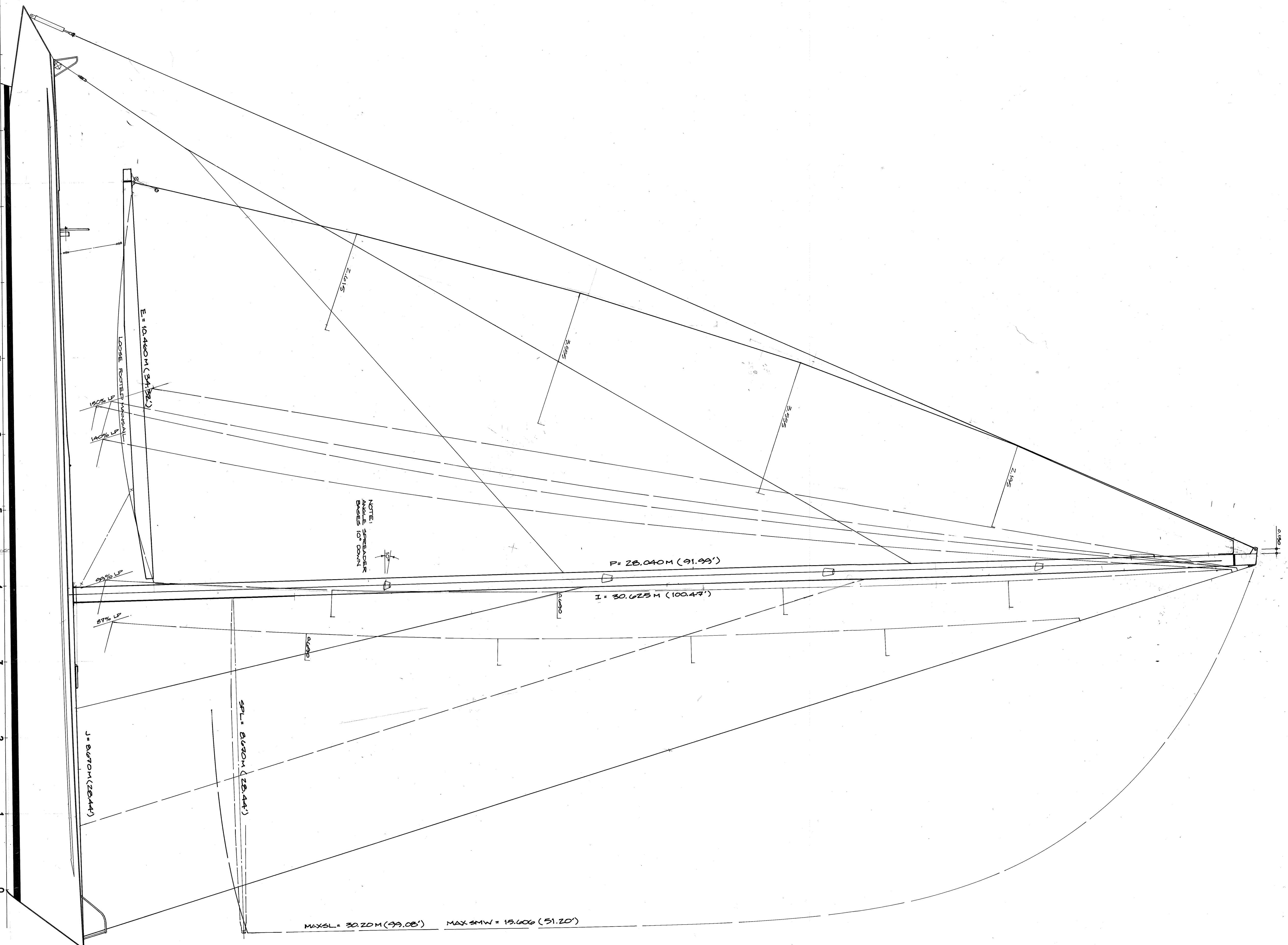


MAST AND RIGGING SPECIFICATIONS			
SPECIFICATIONS			
LGA	24.450 M (80.24 FT)		
LVL	19.050 M (62.50 FT)		
BEAM	6.000 M (19.70 FT)		
MOMENTS OF INERTIA FOR GUIDANCE IN THE SELECTION OF A SUITABLE MAST SECTION			
MAST PANEL	MINIMUM I ₁₁	MINIMUM I ₂₂	
LOWER PANEL	143 IN ⁴ / 5962 CM ⁴	440 IN ⁴ / 1837 CM ⁴	
2nd PANEL	74.5 IN ⁴ / 3102 CM ⁴	220 IN ⁴ / 916 CM ⁴	
3rd PANEL	49.5 IN ⁴ / 2070 CM ⁴	145 IN ⁴ / 602 CM ⁴	
4th PANEL	40 IN ⁴ / 1667 CM ⁴	120 IN ⁴ / 500 CM ⁴	
UPPER PANEL	43 IN ⁴ / 1792 CM ⁴	277 IN ⁴ / 11520 CM ⁴	
MAST STRENGTH AND LOADS TO BE COMPARED WITH RIGGING AFTER SELECTION OF MAST AND PRIOR TO COMPLETION OF VESSEL			
STANDING RIGGING			
LINE	NOMINAL BREAKING STRENGTH		USE
FORESTAY	67,827 LBS	30,746 KGS	
INNER FORESTAY	21,500 LBS	9,755 KGS	
BACKSTAY	13,285 LBS	6,005 KGS	
CHECKSTAY	5,790 LBS	2,620 KGS	
RUNNING BACKSTAY	11,780 LBS	5,355 KGS	
BACKSTAY	41,958 LBS	18,740 KGS	
V1	42,000 LBS	19,090 KGS	
V2	32,000 LBS	14,510 KGS	
D2	32,000 LBS	14,510 KGS	
V3	28,000 LBS	12,700 KGS	
V4	28,000 LBS	12,700 KGS	
V4/105	46,000 LBS	21,775 KGS	
HALYARDS			
LINE	NOMINAL BREAKING STRENGTH		USE
GENOA HALYARD	14,250 LBS / 6464 KGS	10mm 7419 GALV	
SPRIN HALYARD	14,250 LBS / 6464 KGS	10mm 7419 GALV	
MAIN SAIL HALYARD	14,250 LBS / 6464 KGS	10mm 7419 GALV	
TOPPING LIFT / STAYS / HALYARD	11,900 LBS / 5352 KGS	8mm 7419 GALV	

FINAL MOMENTS TO SPACELIFT 25 JUN 88

LINE	TYPE	ILL	ILL
2nd	Lower Panel	104 IN ⁴ X	470 IN ⁴
3rd	"	81 IN ⁴ X	380 IN ⁴
4th	"	81 IN ⁴ X	310 IN ⁴
UPPER	" (Lower Top)	77 IN ⁴ X	277 IN ⁴

APPROVAL: GENERALIST EIGHT @ INCHES EIGHTS



BUILDING MAST SPECIFICATIONS AND CONSENT DURING THE DRAWING CONSTRUCTION MAST NOT BE REMOVED OR USED FOR ANY PURPOSE. OWNER SHALL IN CONNECTION WITH THE DRAWING PRESENT FOR WHICH IT WAS MADE, COPIES OF THIS DRAWING AND ALL INFORMATION THEREON BE KEPT FROM THESE PLANS WITHOUT THE DESIGNER'S WRITTEN CONSENT AND RETURN TO THEM.		FOR: ARVIDA ESPANOLA SCALE: 1:50 TITLE: SAIL PLAN CHECKED:	DESIGN NO. 173 COPYRIGHT 1988 BY © BRUCE FARR & ASSOC. INC. DRAWING NO. 14
BUILDING MAST SPECIFICATIONS AND CONSENT DURING THE DRAWING CONSTRUCTION MAST NOT BE REMOVED OR USED FOR ANY PURPOSE. OWNER SHALL IN CONNECTION WITH THE DRAWING PRESENT FOR WHICH IT WAS MADE, COPIES OF THIS DRAWING AND ALL INFORMATION THEREON BE KEPT FROM THESE PLANS WITHOUT THE DESIGNER'S WRITTEN CONSENT AND RETURN TO THEM.		BRUCE FARR AND ASSOC., INC. P.O. BOX 3457, ANNAPOLIS, MD. 21403, U.S.A.	