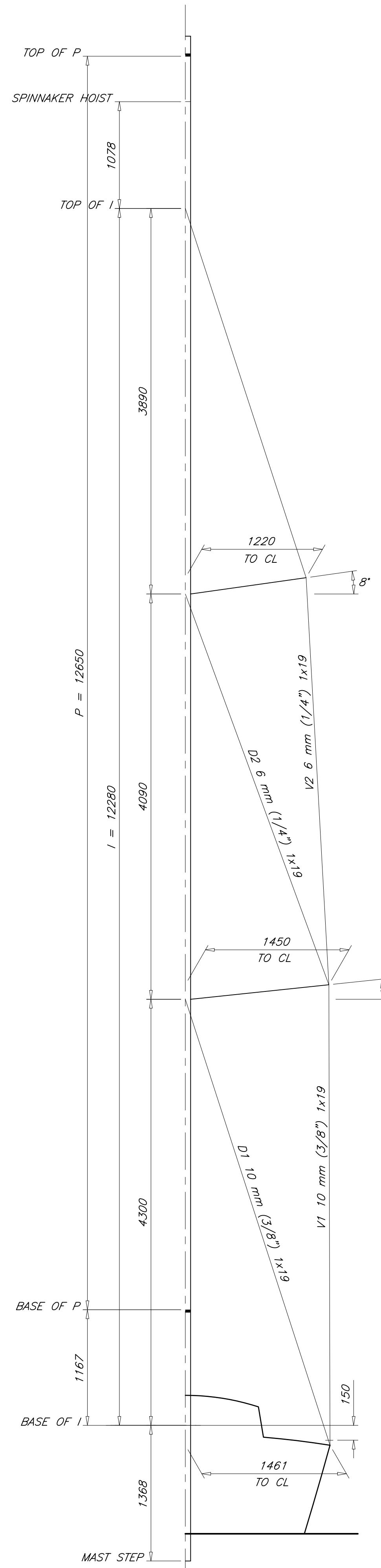
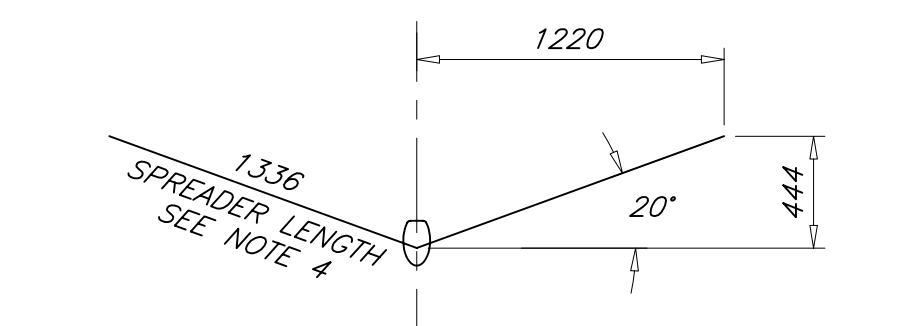


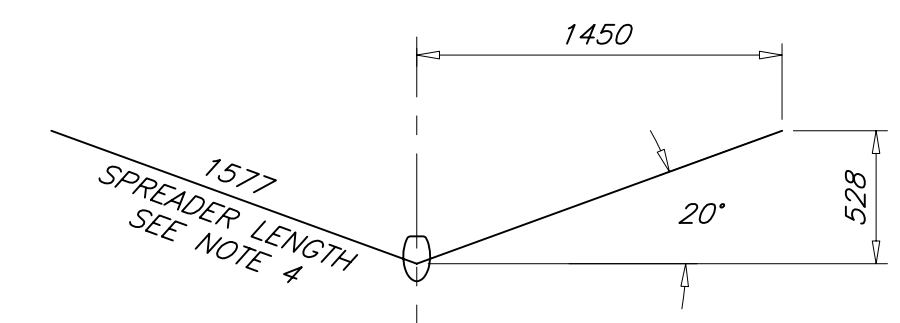
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	-	ORIGINAL ISSUE	01 AUG 09	P. KOTZEBUE



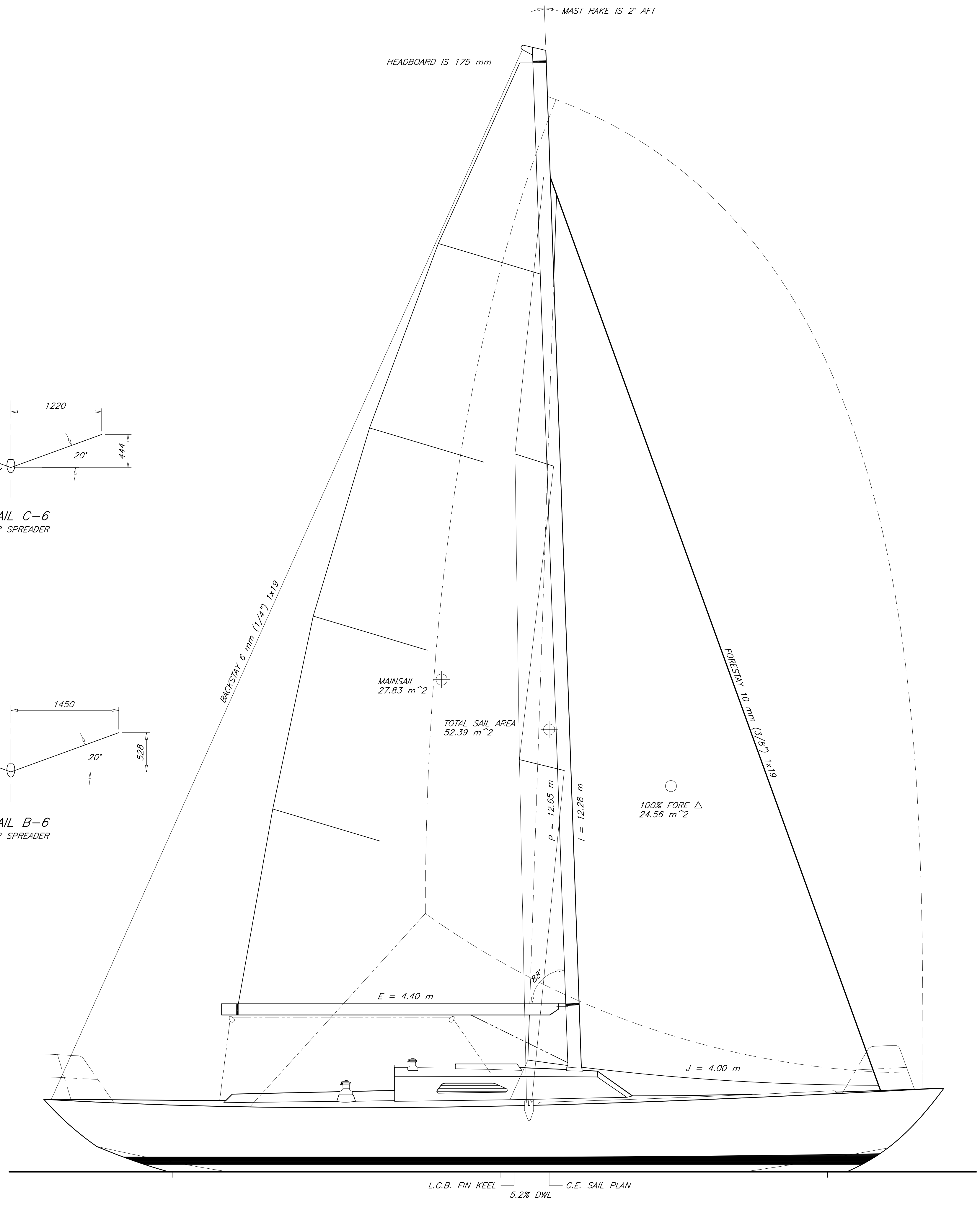
ELEVATION A-8  
MAST DIMENSIONS



DETAIL C-6  
UPPER SPREADER



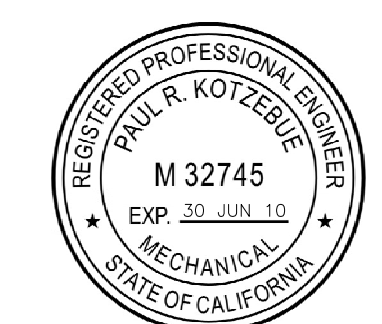
DETAIL B-6  
LOWER SPREADER



ELEVATION A-5  
SAIL PLAN

GENERAL NOTES

- RIGHTING MOMENT AT 1 DEG = 94 kg\*m  
RIGHTING MOMENT AT 30 DEG = 2921 kg\*m
- MINIMUM MAST MOMENT OF INERTIA:  
I<sub>xx</sub> = 742 cm<sup>4</sup>  
I<sub>yy</sub> = 221 cm<sup>4</sup>  
SUGGESTED SECTION IS KENYON 4270  
MAST IS NOT TAPERED
- MINIMUM BOOM SECTION MODULUS:  
41.7 cm<sup>3</sup> (HORIZONTAL AXIS)  
SUGGESTED SECTION IS KENYON 3756
- SPREADER LENGTHS ARE TRUE LENGTH FROM MAST CL TO SPREADER TIP.
- SEE REFERENCE 1 FOR POSITION OF GENOA TRACK.
- MAINSAIL GIRTHS ARE NOT TO EXCEED IMS MAXIMUMS. SEE IMS 826.
- MAINSAIL BATTENS TO BE PER SAILMAKER'S RECOMMENDATION.



Paul R. Kotzebue

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MECHANICAL ENGINEER  
Encinitas, California USA

1	DECK PLAN	03-B3
NO	TITLE	DWG NO

REFERENCES	
STOCK PLANS	
13.5 METER PLYWOOD SLOOP	
SAIL PLAN	

DRAFTER: PK	DATE: 01 AUG 09	SIZE: ARCH D	DWG NO: 03-D1	REV: -
CHECKER: PK	DATE: 01 AUG 09	SCALE: 1 : 30	SWBS: - -	SHEET: 1 OF 1

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