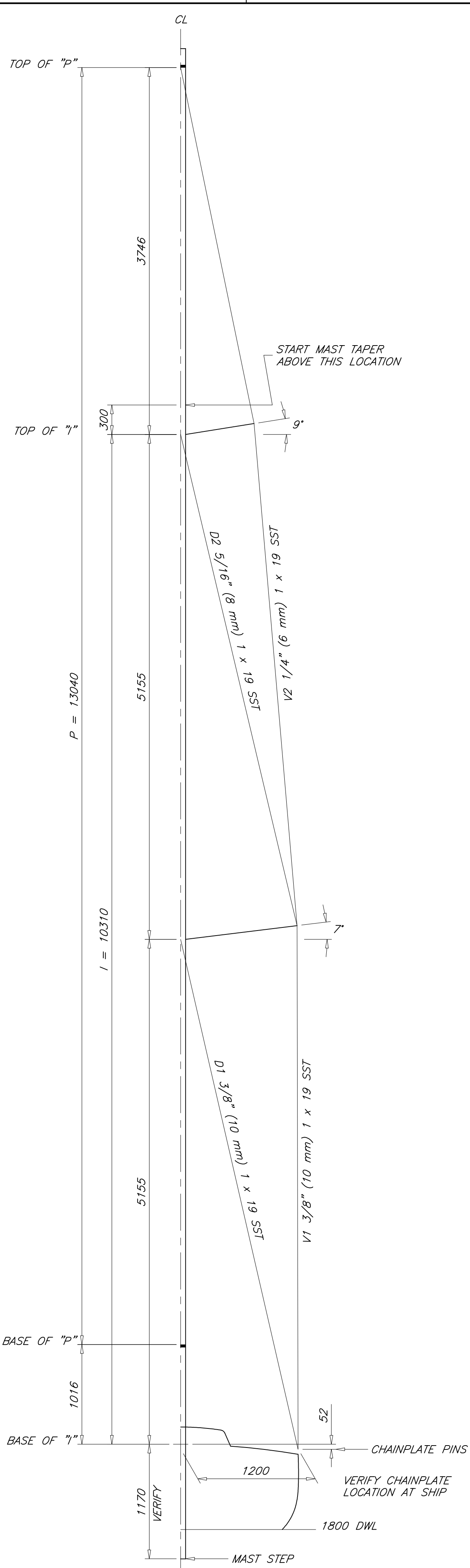
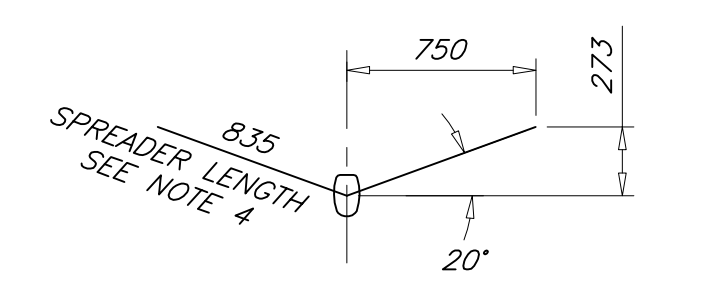


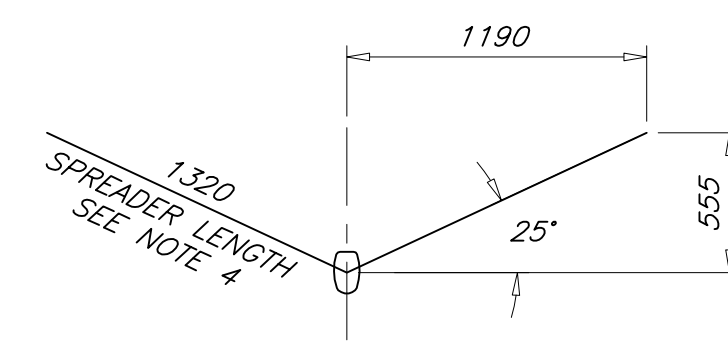
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	-	ORIGINAL ISSUE	22 MAY 10	P. KOTZEBUE



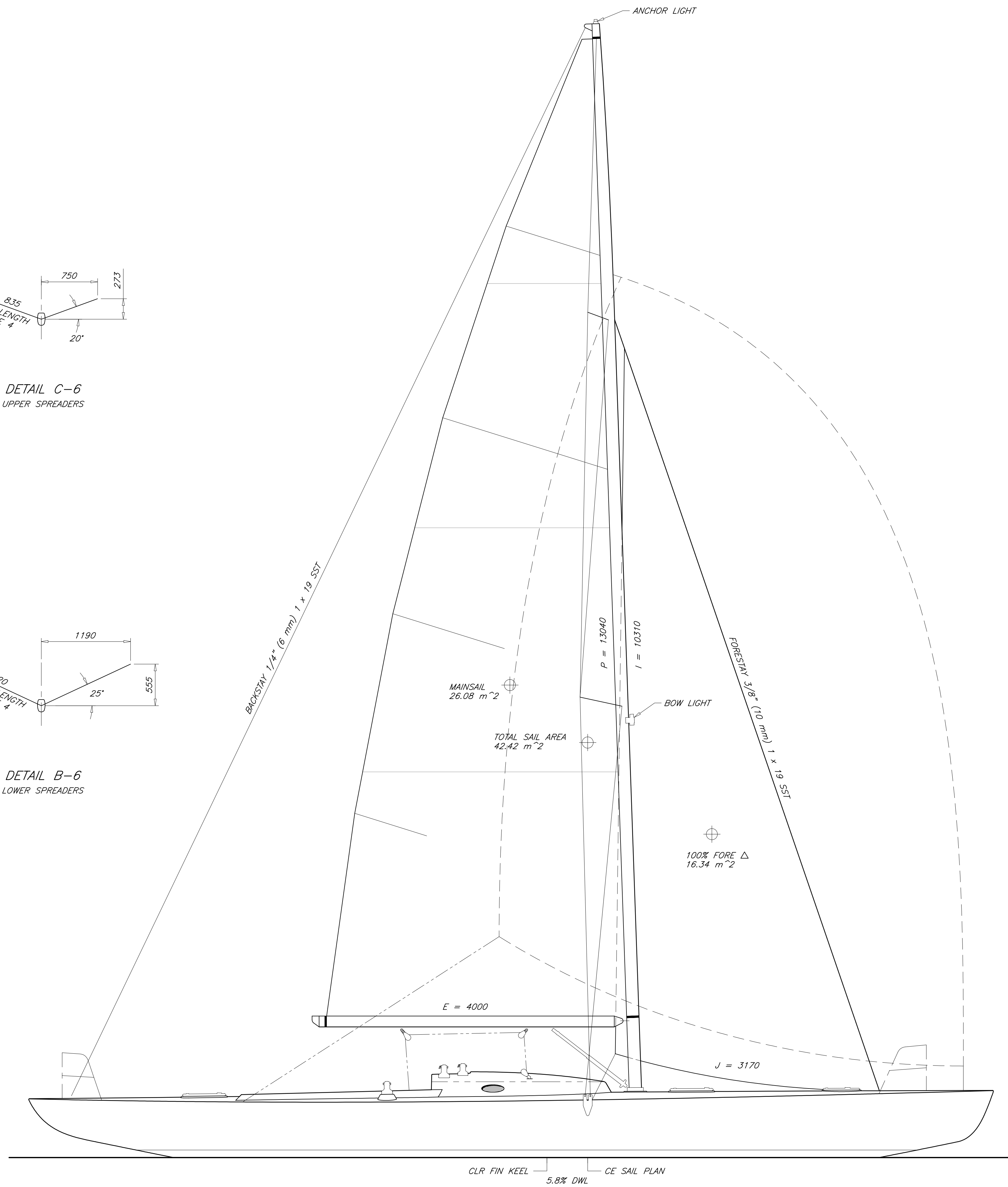
ELEVATION A-7  
MAST DIMENSIONS



DETAIL C-6  
UPPER SPREADERS

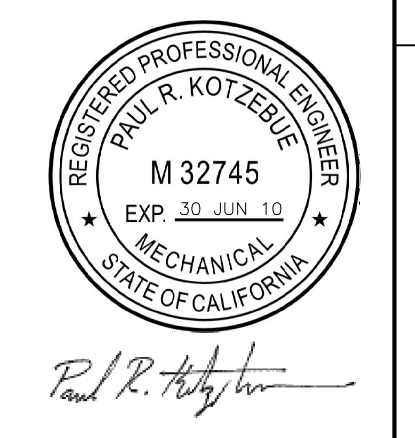


DETAIL B-6  
LOWER SPREADERS



ELEVATION A-4  
SAIL PLAN

- GENERAL NOTES**
- RIGHTING MOMENT AT 1 DEG = 73.6 kg\*m  
MAXIMUM RIGHTING MOMENT = 2453 kg\*m
  - MINIMUM MAST MOMENT OF INERTIA:  
 $I_{xx} = 463 \text{ cm}^4$   
 $I_{yy} = 209 \text{ cm}^4$
  - MINIMUM BOOM SECTION MODULUS:  
36.0  $\text{cm}^3$  (HORIZONTAL AXIS)
  - SPREADER LENGTHS ARE TRUE LENGTH FROM MAST CL TO SPREADER TIP.
  - SEE REFERENCE 1 FOR POSITION OF GENOA TRACK.
  - SEE REFERENCE 1 FOR MAINSHEET AND BOOM VANG LOCATION.
  - SEE REFERENCE 1 FOR SPINNAKER TACK LOCATION.
  - MAINSAIL GIRTHS ARE NOT TO EXCEED IMS MAXIMUMS. SEE IMS 826.
  - MAINSAIL BATTENS TO BE PER SAILMAKER'S RECOMMENDATION.



1	DECK PLAN	05-B3
NO	TITLE	DWG NO

REFERENCES	
STOCK PLANS	
12.9 METER SKERRY CRUISER	
SAIL PLAN	

PAUL R. KOTZEBUE, PE  
MECHANICAL ENGINEER  
Encinitas, California USA

DRAFTER: PK	DATE: 22 MAY 10	SIZE: ARCH D	DWG NO: 05-D1	REV: -
CHECKER: PK	DATE: 22 MAY 10	SCALE: 1 : 30	SWBS: - -	SHEET: 1 OF 1

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