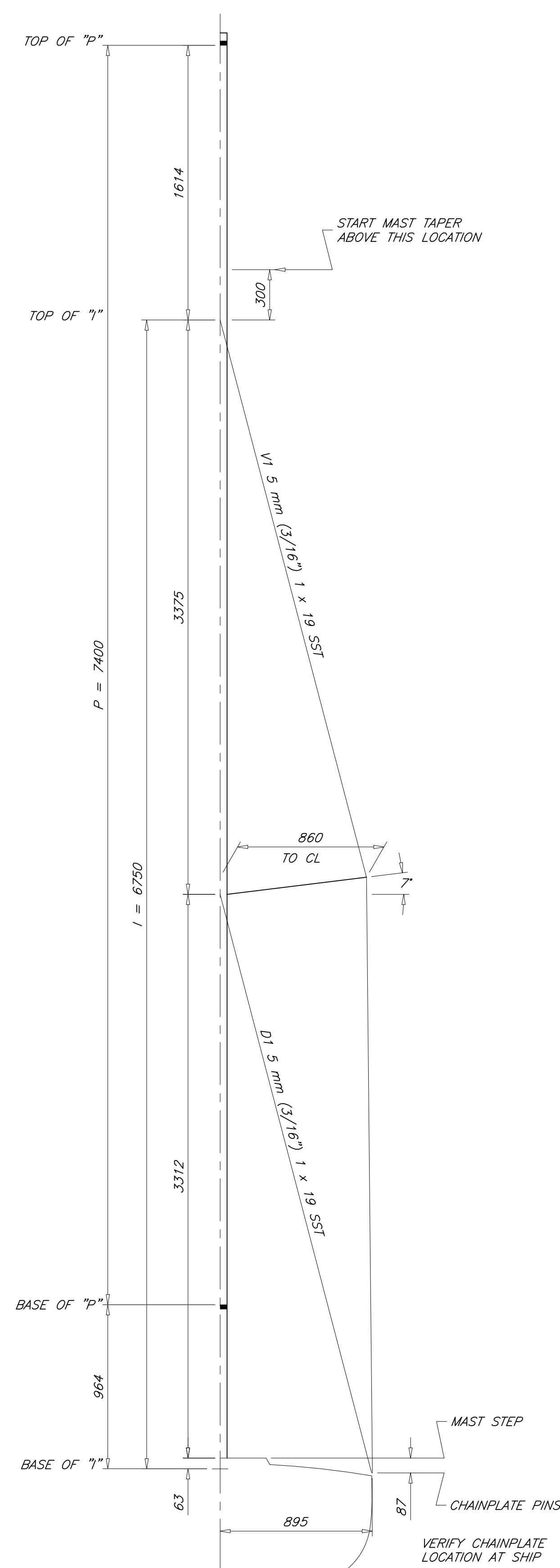
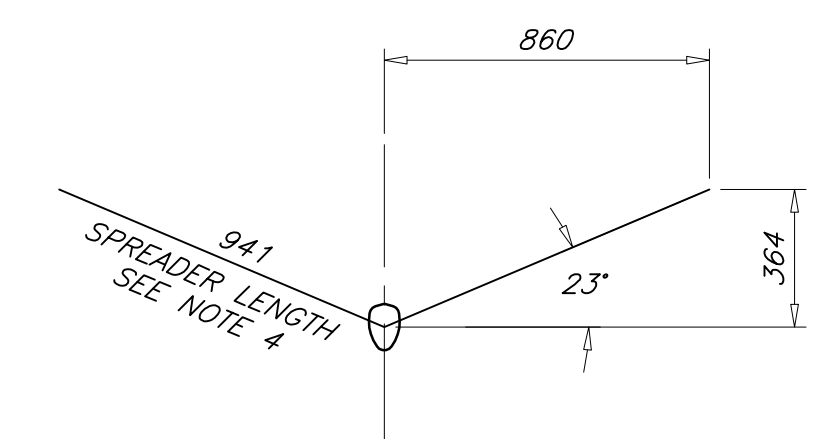


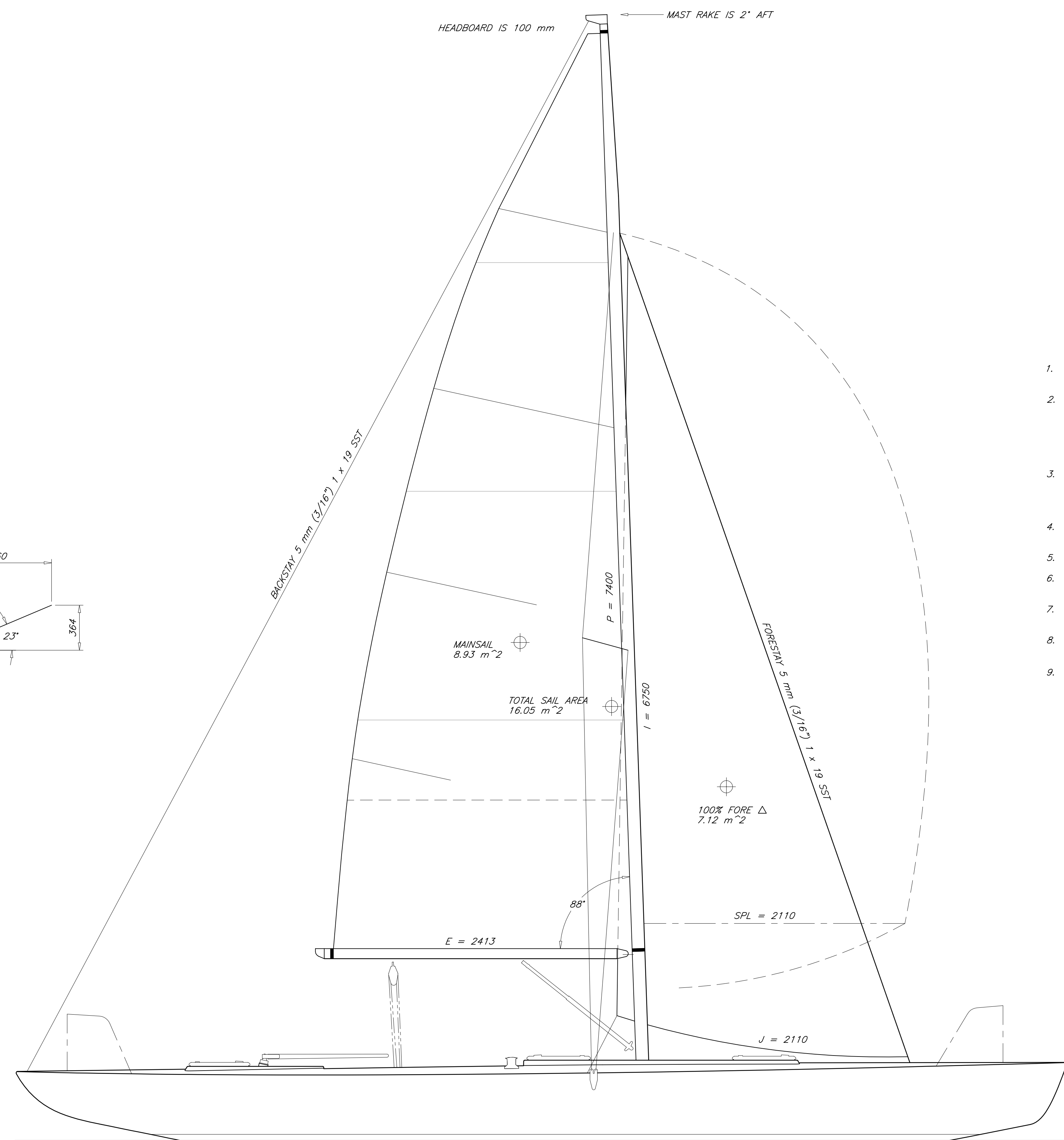
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	-	ORIGINAL ISSUE	12 FEB 10	P. KOTZEBUE
ALL	A	GENERAL DESIGN UPDATE	06 SEP 10	P. KOTZEBUE



ELEVATION A-7
MAST DIMENSIONS

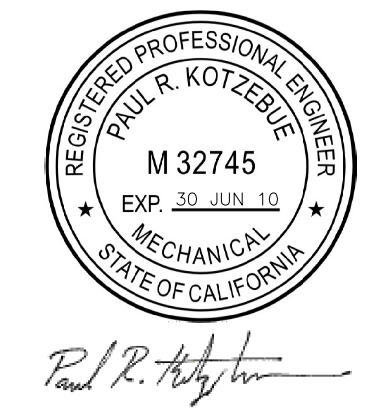


DETAIL B-6
SPREADERS



ELEVATION A-4
SAIL PLAN

- GENERAL NOTES**
- RIGHTING MOMENT AT 1 DEG = 14.9 kg*m
MAXIMUM RIGHTING MOMENT = 402 kg*m
 - MINIMUM MAST MOMENT OF INERTIA:
 $I_{xx} = 79 \text{ cm}^4$
 $I_{yy} = 36 \text{ cm}^4$
SUGGESTED SECTION IS US SPARS Z190, BALLENGER B4026, KENYON 2740, OR EQUAL
TAPER TIP TO 60% MAXIMUM SECTION
 - MINIMUM BOOM SECTION MODULUS:
 9.5 cm^3 (HORIZONTAL AXIS)
SUGGESTED SECTION IS US SPARS Z120, BALLENGER B3225, KENYON 2333, OR EQUAL
 - 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 POLE SIZE AND MAST FADEYE LOCATION.
 - MAINSAIL GIRTHS ARE NOT TO EXCEED IMS MAXIMUMS. SEE IMS 826.
 - MAINSAIL BATTENS TO BE PER SAILMAKER'S RECOMMENDATION.



1	DECK PLAN	06-B2
NO	TITLE	DWG NO
REFERENCES		
STOCK PLANS		
8.50 METER SKERRY CRUISER		
SAIL PLAN		
DRAFTER:	DATE:	SIZE:
PK	12 FEB 10	ARCH D
CHECKER:	DATE:	SCALE:
PK	12 FEB 10	1 : 20
DWG NO.	06-D1	REV:
SWBS	--	A
SHEET:	1 OF 1	

THIS DRAWING REMAINS THE PROPERTY OF PAUL R. KOTZEBUE, PE AND MAY NOT BE USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT.