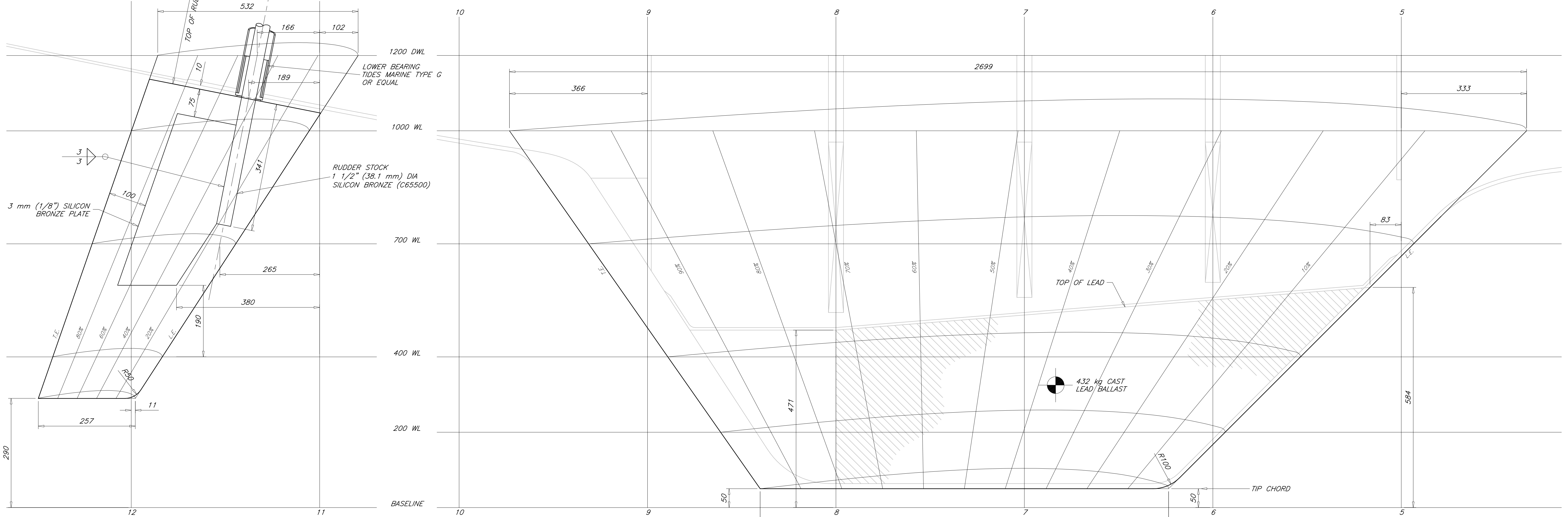
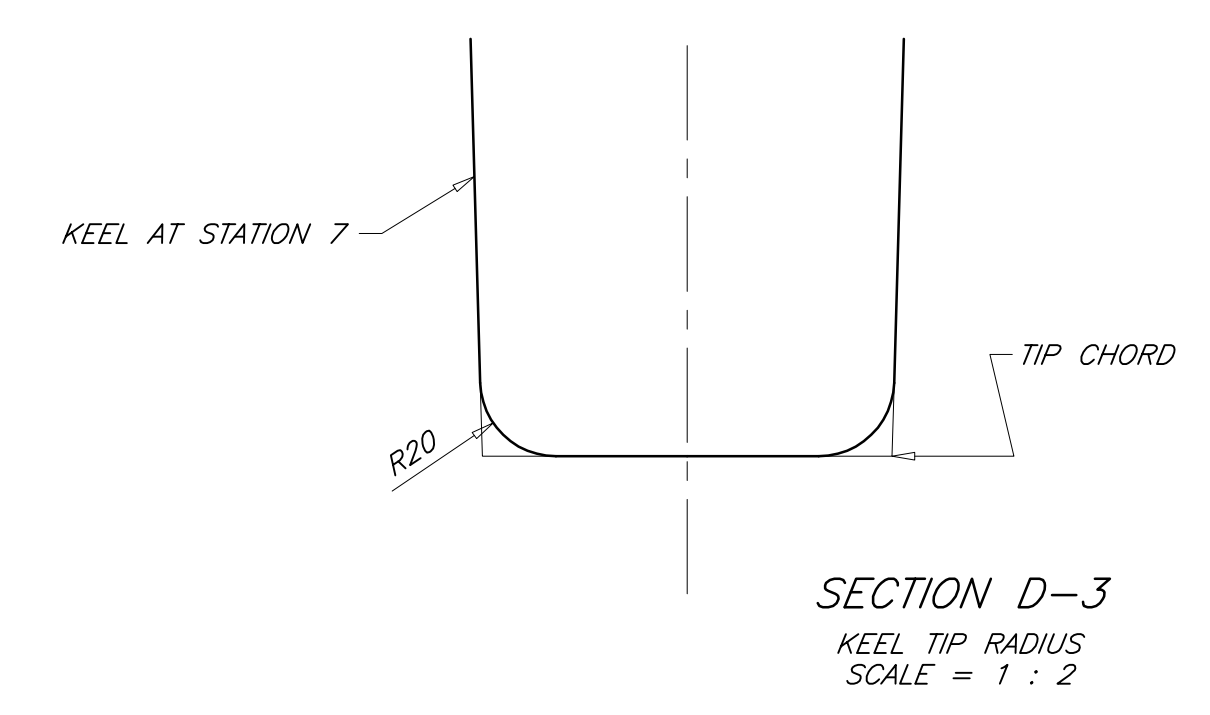
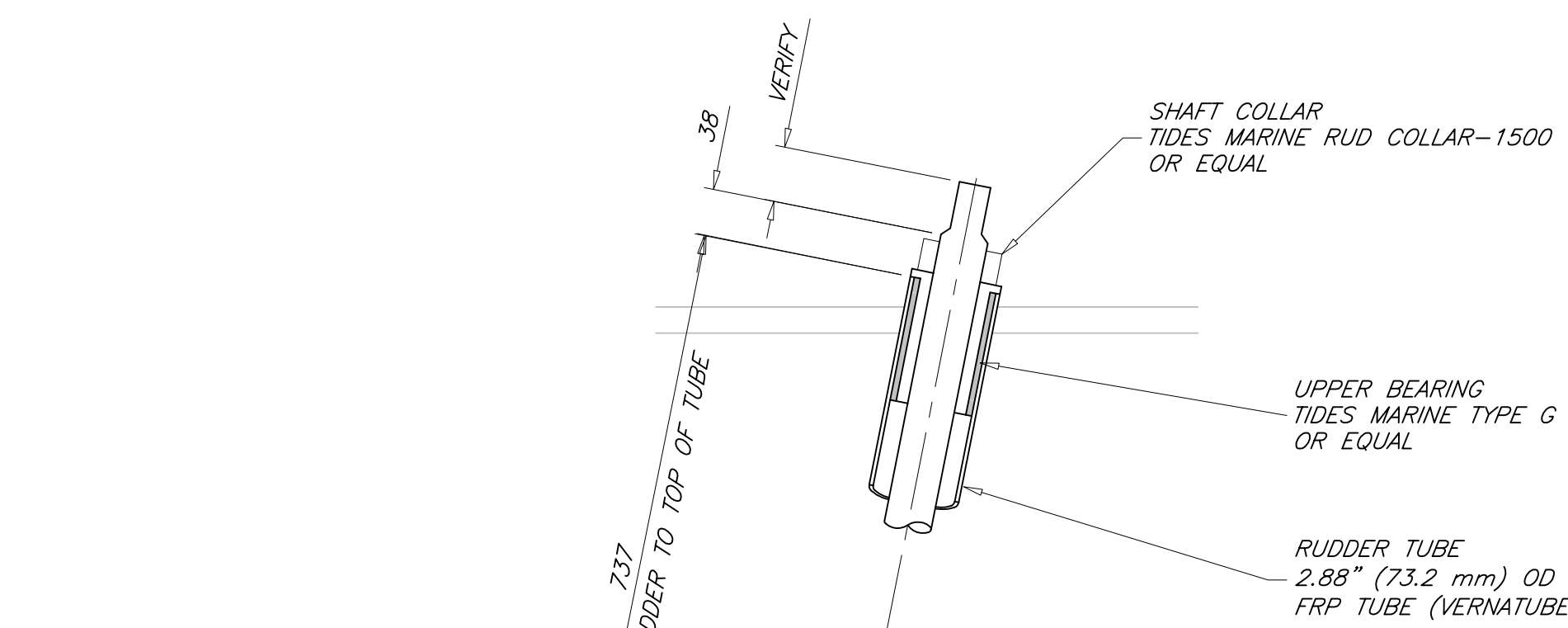
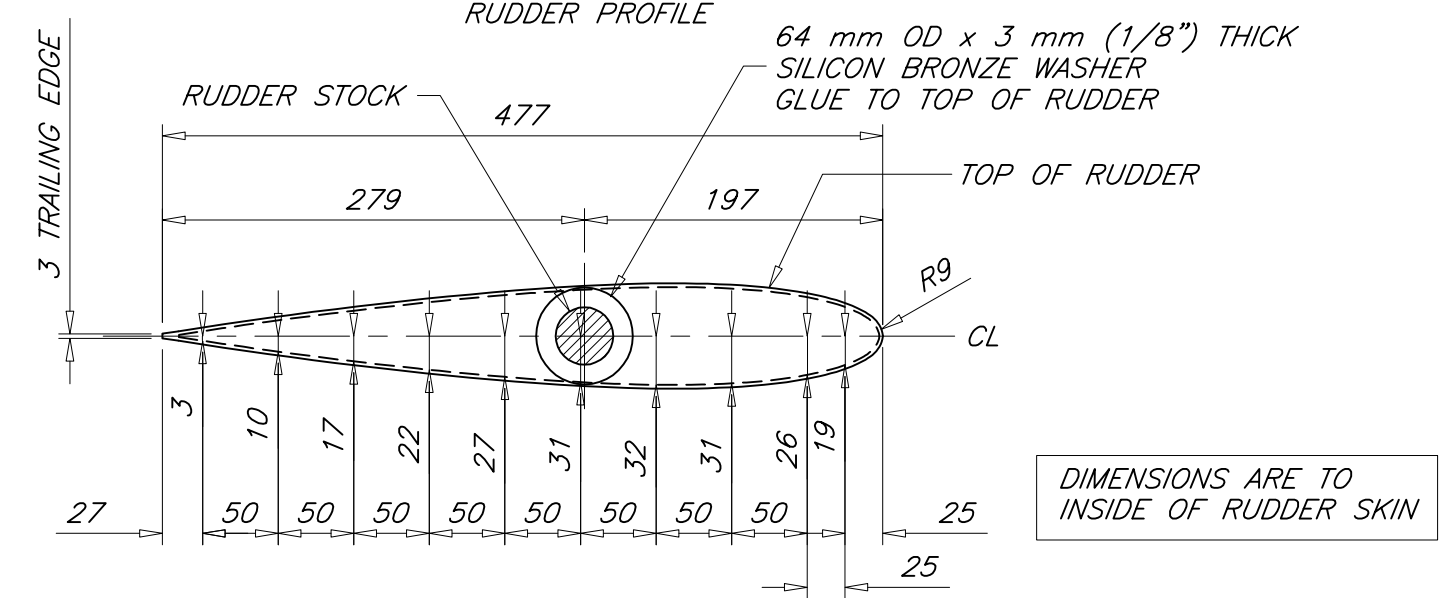


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	-	ORIGINAL ISSUE	04 FEB 10	P. KOTZEBUE
ALL	A	GENERAL DESIGN UPDATE	01 SEP 10	P. KOTZEBUE



ELEVATION B-7
RUDDER PROFILE

ELEVATION B-4



GENERAL NOTES

- LEAD CASTING IS TO CONTAIN 2% TO 4% ANTIMONY. DENSITY IS 11,080 kg/m³ (692 lb/ft³).
- BED LEAD CASTING INTO KEEL WITH THICKENED EPOXY RESIN.
- ELM-1810 IS VECTOR PLY E-LM 1810 E GLASS UNIDIRECTIONAL WITH MAT FABRIC.
MIN TENSILE STRENGTH OF CURED LAMINATE = 303 MPa (44,000 psi)
MIN FLEXURAL STRENGTH OF CURED LAMINATE = 441 MPa (64,000 psi)
THICKNESS = 1.24 mm (0.049") PER PLY
- SEE REFERENCE 1 FOR KEEL AND RUDDER OFFSETS.
- SEE REFERENCE 2 FOR LEAD BALLAST CASTING SHAPE AND DIMENSIONS.



2	BALLAST CASTING GEOMETRY	06-A5
1	TABLE OF OFFSETS	06-A4
NO	TITLE	DWG NO

REFERENCES		
STOCK PLANS		
8.50 METER SKERRY CRUISER		
KEEL AND RUDDER DETAILS		

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

DRAWN: PK	DATE: 04 FEB 10	SIZE: ARCH D	DWG NO: 06-A3	REV: A
CHECKED: PK	DATE: 04 FEB 10	SCALE: 1 : 5	SWBS: --	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.