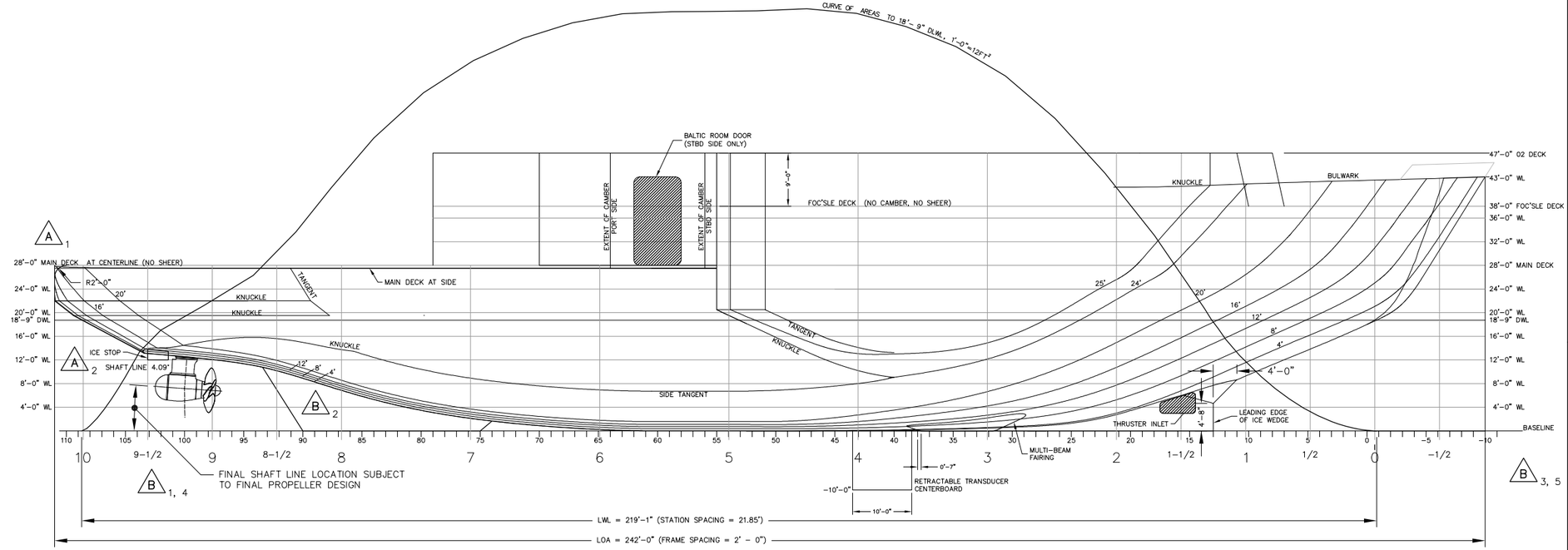

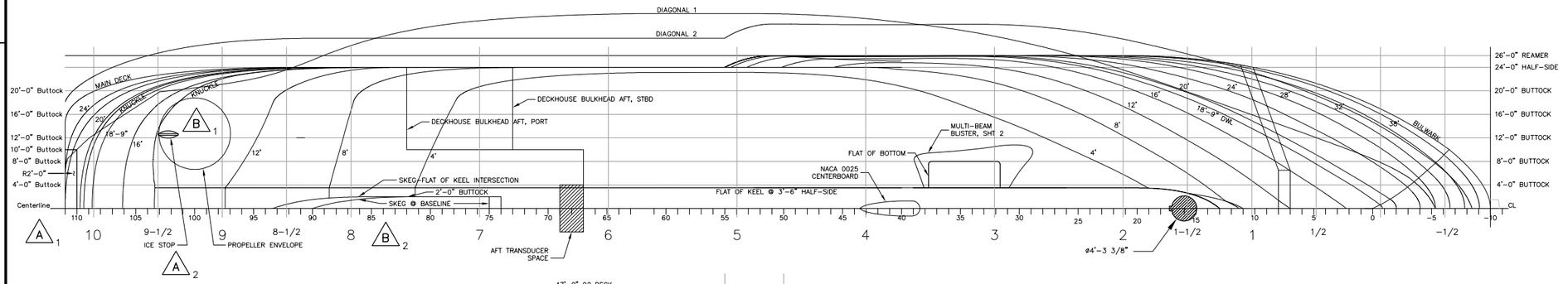

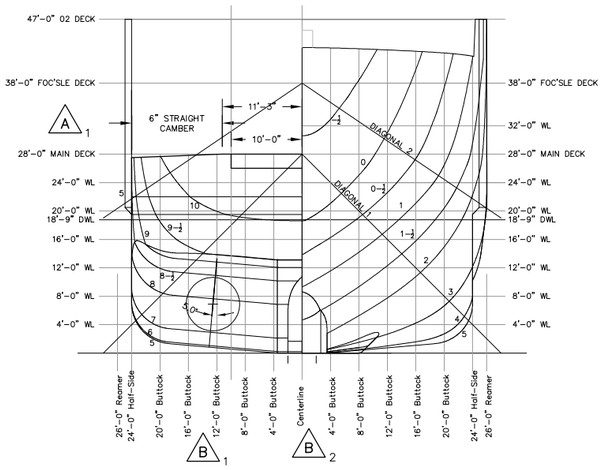

GENERAL NOTES

PRINCIPAL CHARACTERISTICS

LENGTH OVERALL	242' – 0"
LENGTH WATERLINE	219' – 1"
BEAM, MAXIMUM	52' – 0"
DEPTH, MAIN DECK	28' – 0"
DRAFT, DESIGN WATERLINE	18' – 9"
FREEBOARD, MAIN DECK @ SIDE	8' – 9"
L/B RATIO	4.24
B/T RATIO	2.75
BLOCK COEFFICIENT, Cb	0.56
MIDSHIP COEFFICIENT, Cm	0.89
PRISMATIC COEFFICIENT, Cp	0.64
DISPLACEMENT, 18' – 9" DESIGN WATERLINE	3375 LTSW
DISPLACEMENT–LENGTH RATIO, DISP/(L/100)*3	321

REFERENCES

1. GLOSTEN DWG NO. 07096–070–01, REV B, GENERAL ARRANGEMENT
2. NOT USED
3. GLOSTEN DWG NO. 07096–114–01, REV A, ICE STOP DETAIL

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPD
5–A 8–B 8–D 8–B 8–C	A	1. ADDED 24" RADIUS TO MAIN DECK STERN DECK EDGE IN WAY OF A–FRAME. 2. UPDATED ICE STOP.	1/30/09	JAS
8–C 8–B 7–C 7–B 5–A 12–D 2–C 1–C 8–C 2–C	B	1. UPDATED THRUSTER AND ICE STOP WITH CURRENT DESIGNS 2. EXTENDED SKEG 3. UPDATED REFERENCES TO LIST THE MOST CURRENT REVISION OF EACH DRAWING. 4. ADDED NOTE REGARDING SHAFT LINE LOCATION 5. DELETED REFERENCE 2	8/12/09	JAS

SIGNED ORIGINAL ON FILE AT GLOSTEN

UNIVERSITY OF ALASKA FAIRBANKS
FAIRBANKS, ALASKA

ALASKA REGION RESEARCH VESSEL
LINES PLAN

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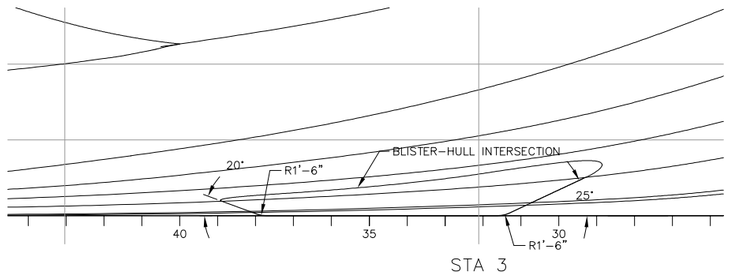
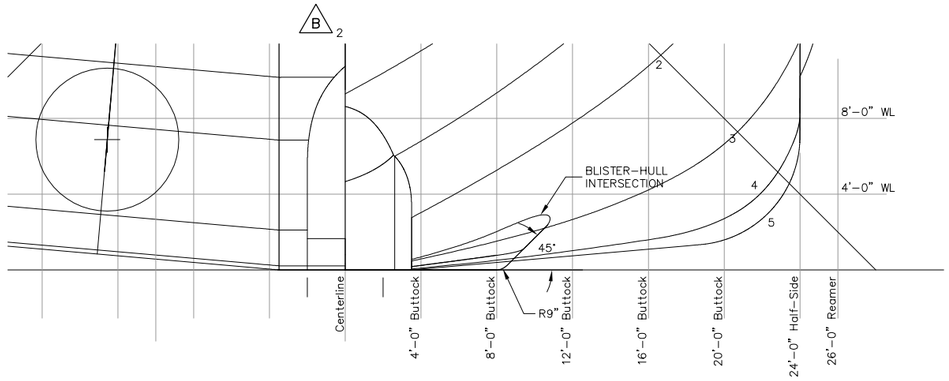
HALF SIZE PRINT

Drawn by	Date	Checked by	Date	Approved by	Date
WLM	8/12/09	DHK	8/12/09	DHK	8/12/09

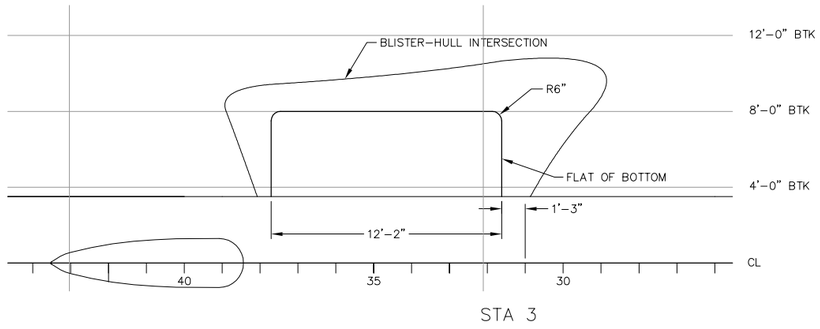
Scale	Drawing Number	Rev
3/32" = 1'-0"	07096–070–02 Sheet 1 of 2	B



ELEVATION 14-C
MULTI-BEAM BLISTER
1/4" = 1'-0"



SECTION 11-C
MULTI-BEAM BLISTER
1/4" = 1'-0"



PLAN 14-A
MULTI-BEAM BLISTER
1/4" = 1'-0"

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Scale	Drawing Number	Rev
AS NOTED	07096-070-02 Sheet 2 of 2	B