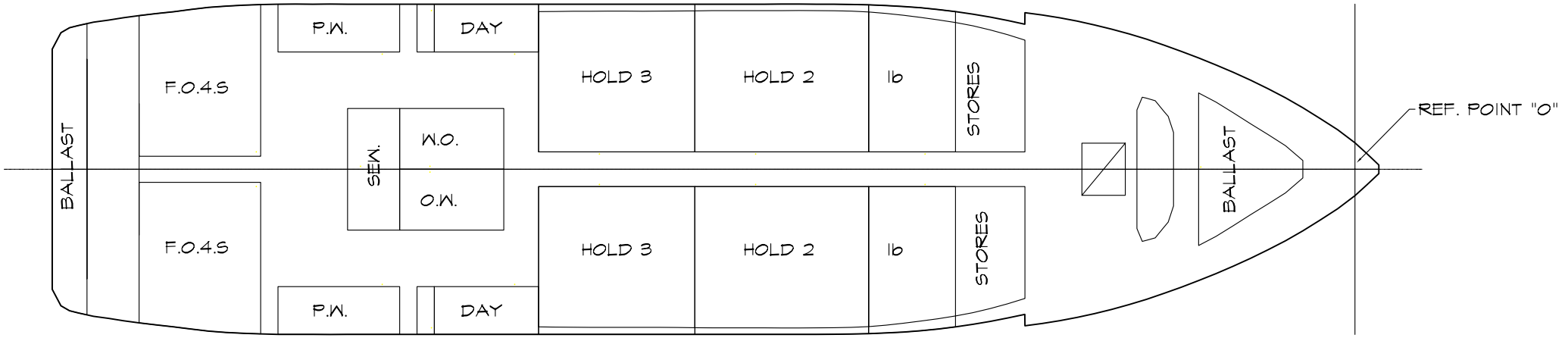
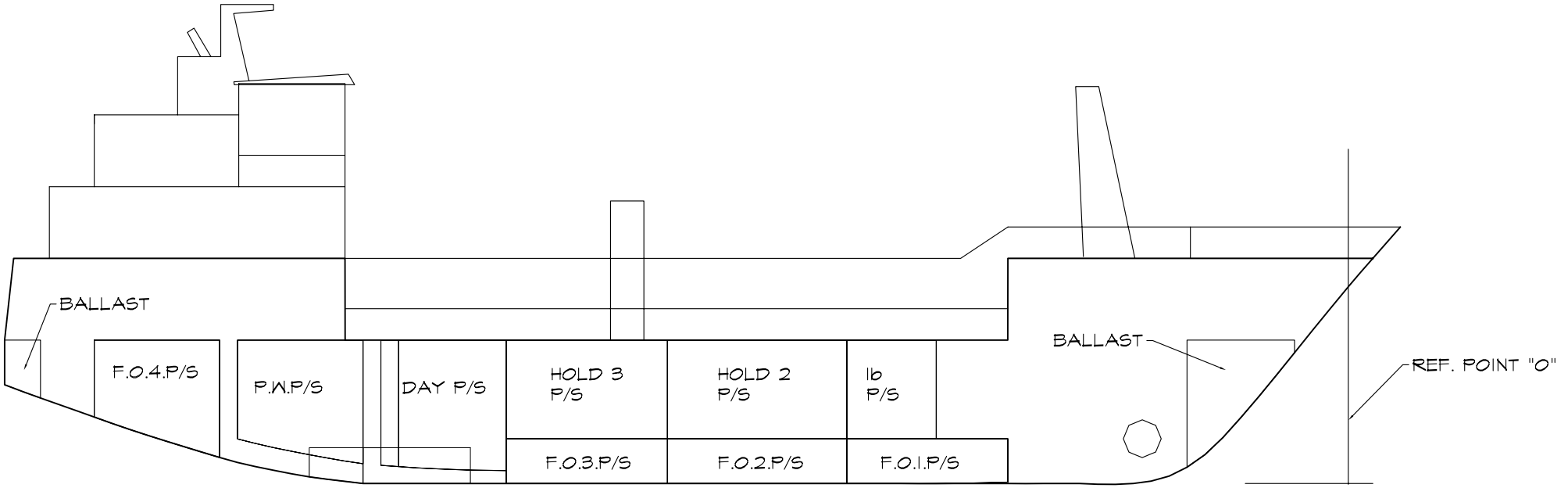
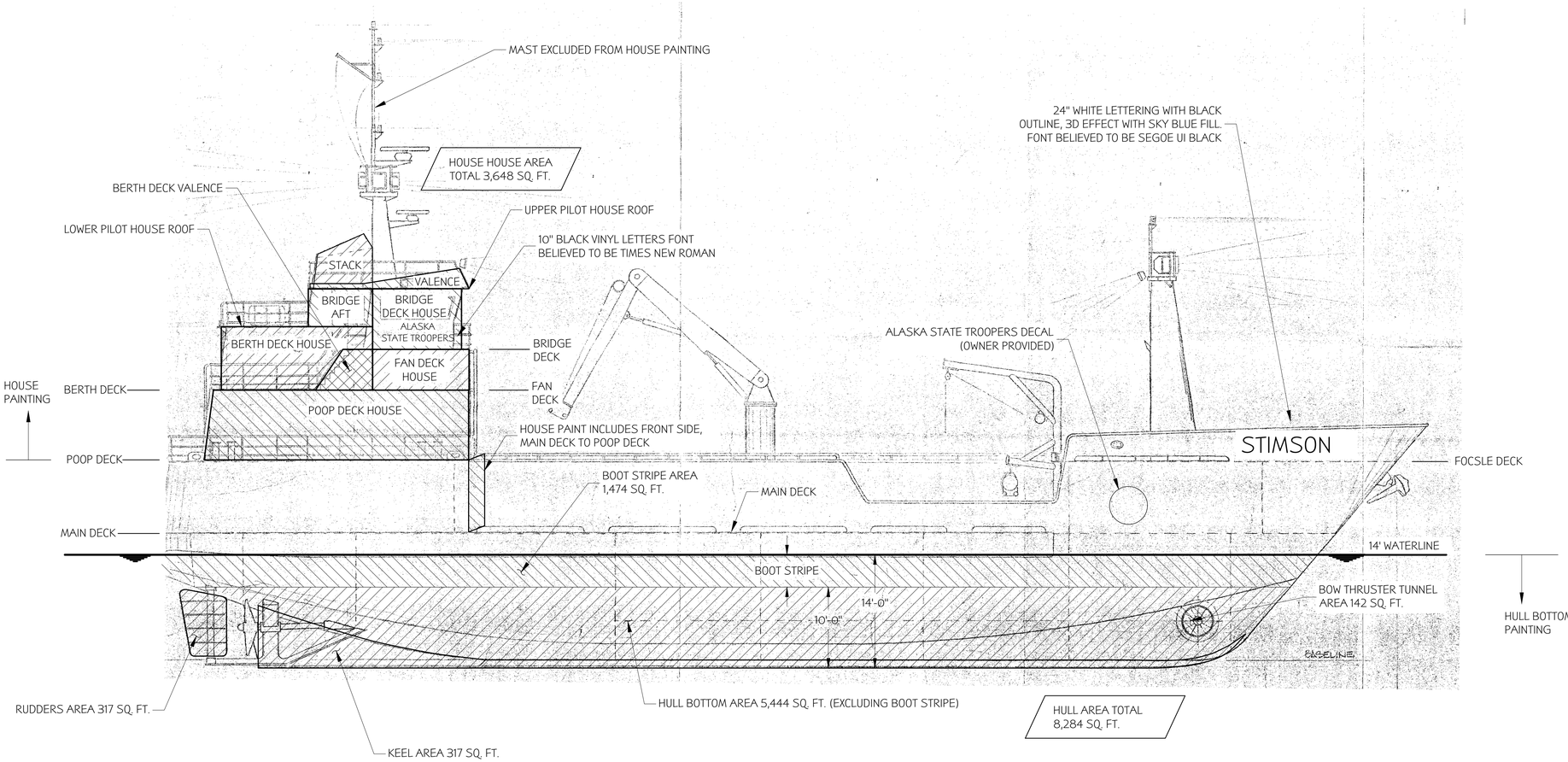


PLAN VIEW



PROFILE VIEW



Outboard Profile

Scale ⅛" = 1'-0"

General Notes

1. APPLICABLE VESSEL:
This drawing is applicable only to the P/V Stimson ON 978410, built by Home Port Marine.

References

No.	

Revisions

Rev.	Sht	Zone		Date	Responsible Engineer
-	All		Initial Issue	02/18/21	n/a

Approvals

Agency	Date	Action

Responsible Engineer	Date	Company	Authorization	Scope
n/a				

Coastwise Corporation
12651 Old Seward Hwy. - Anchorage, Alaska - 99515
907 929-3148 - www.coastwise.com

Title	Paint Area
Subtitle	Profile View
Project #	20026
Project	Stimson Overhaul
Scale	As noted on 34" x 22" Sheet
Client	Alaska Dept. of Public Safety
Dwg. No.	20026-14-01
Sheet	1 of 2
Rev.	-

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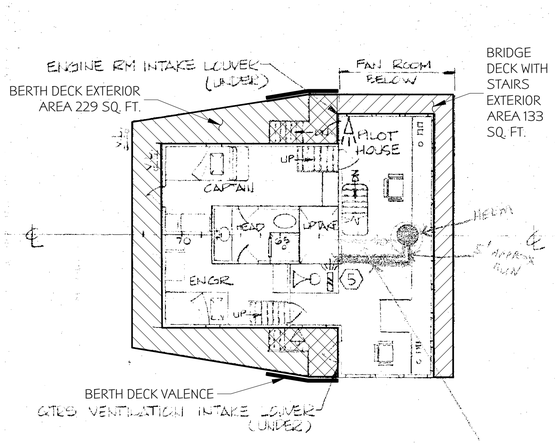
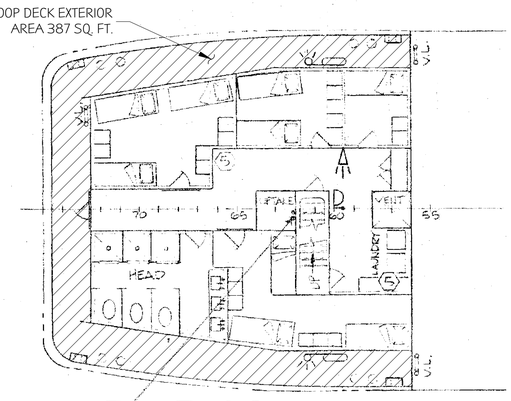


Berth Deck & Bridge Deck Arrangement

Scale ⅛" = 1'-0"

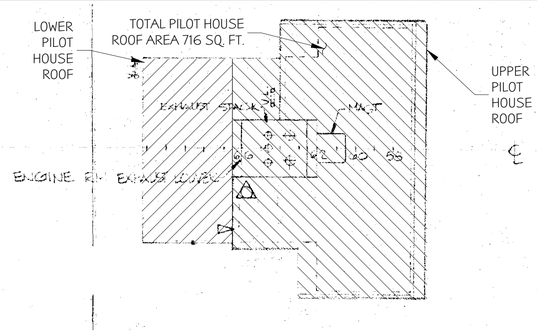


Poop Deck Arrangement

Scale ⅛" = 1'-0"

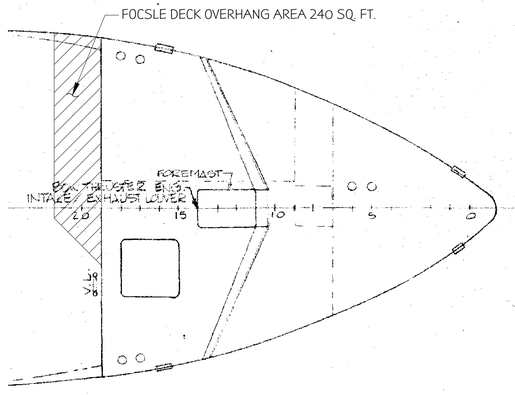
Focsle Overhang

From 2-D drawing	Area (sq ft)	Port/Stbd	Total Area (sq ft)	Curvature factor	Framing factor	Adjusted Area (sq ft)
Underside of Focsle Deck Plate	109.0	1	109			109
Stiffeners - Assume same surface are as plate	109.0	1	109			109
			-			-
Total Focsle Deck Overhang paint area:						218
Margin - for additional structure components						10%
			-			
Total Focsle Deck Overhang Paint Area Estimate						240



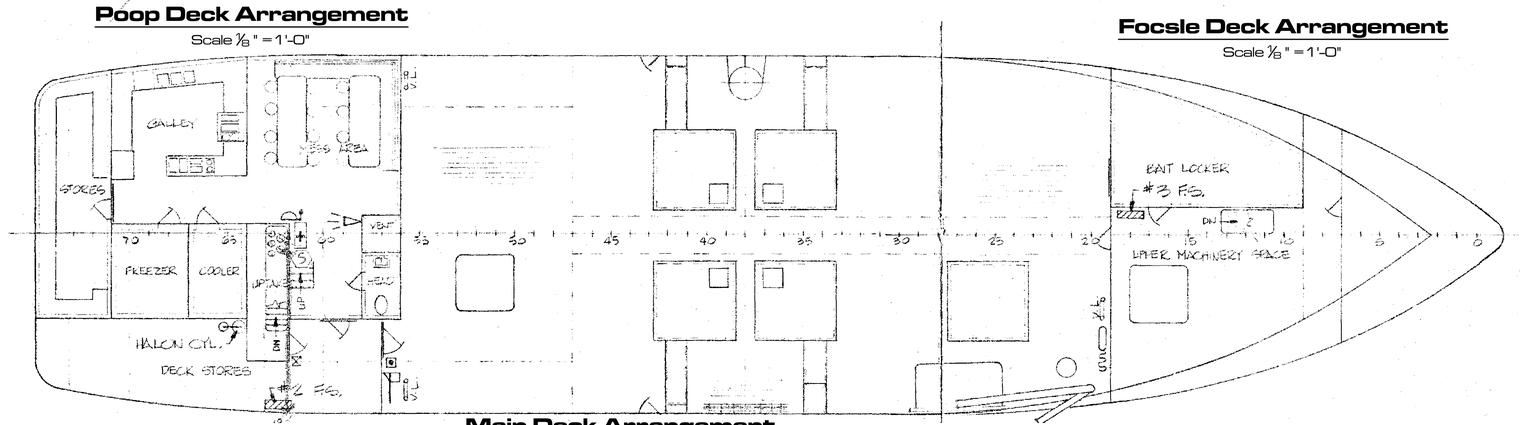
Pilot House Top Arrangement

Scale ⅛" = 1'-0"



Focsle Deck Arrangement

Scale ⅛" = 1'-0"



Main Deck Arrangement

Scale ⅛" = 1'-0"

Underwater Hull

From 3-D hull model	Area (sq ft)	Port/Stbd	Total Area (sq ft)	Curvature factor	Framing factor	Adjusted Area (sq ft)
			-			-
Hull Bottom	2,722.2	2	5,444			5,444
Boot Stripe Area	736.9	2	1,474			1,474
Thruster Tunnel	71.1	2	142			142
			-			-
From 2-D drawing			-			-
			-			-
Rudders	39.7	4	159	1	2	317
Keel	196.3	2	393			393
Struts & Guards	30.0	4	120			120
			-			-
			-			-
hull bottom paint area			-			7,890
			-			-
Margin - for bilge keel, sea chests, propeller fairing, etc			-			5%
			-			
Total Hull Bottom Paint Area Estimate			-			8,284

House

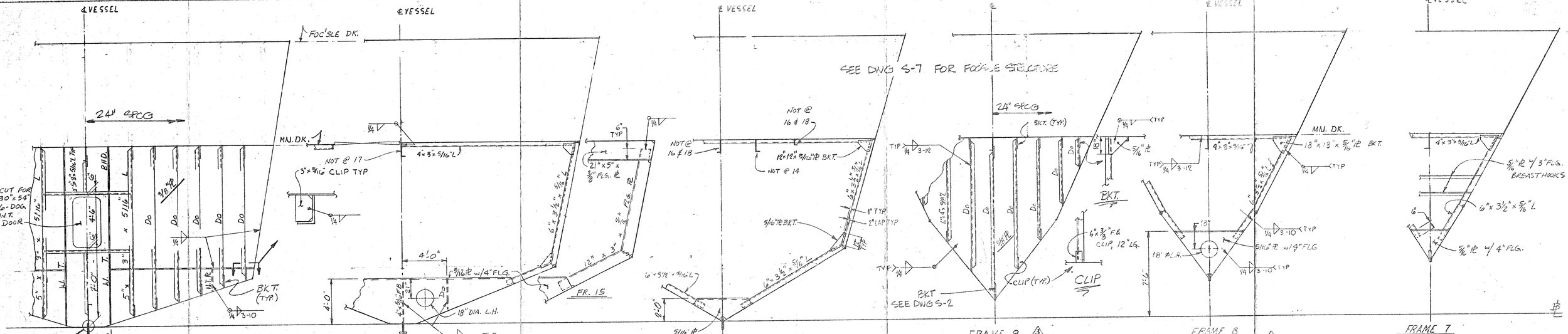
From 2-D drawing	Area (sq ft)	Port/Stbd	Total Area (sq ft)	Curvature factor	Framing factor	Adjusted Area (sq ft)
Main Deck front	342.0	1	342			342
			-			-
Poop deck front	257.0	1	257			257
Poop deck fwd sides	122.1	2	244			244
poop deck aft sides	181.1	2	362			362
Poop deck aft	206.3	1	206			206
			-			-
Bridge deck front	208.1	1	208			208
Bridge deck sideS	82.5	2	165			165
			-			-
Fan Deck front	151.7	1	152			-
Fan Deck sides	62.5	2	125			125
			-			-
Berth deck sides	150.7	2	301			301
Berth deck aft	151.4	1	151			151
Aft bridge side	35.5	2	71			71
Aft bridge aft	92.2	1	92			92
Pilot House Roof Valence:			-			-
Exterior Valence Front	76.3	1	76			76
Exterior Valence Side	24.9	2	50			50
Exterior Valence Aft	20.8	1	21			21
Interior Valence Front	76.3	1	76			76
Interior Valence Side	24.9	2	50			50
Interior Valence Aft	20.8	1	21			21
			-			-
Berth deck valence I and O, P and S, with stairs	27.0	4	108			108
Railing Coarses						-
Poop Deck Side	43.0	2	86			86
Poop Deck Aft	34.8	1	35			35
Berth Deck Side	24.7	2	49			49
Berth Deck Aft	26.7	1	27			27
Wheelhouse Front	33.4	1	33			33
Wheelhouse Port Side	13.8	1	14			14
Berth Deck Roof Side	16.3	2	33			33
Berth Deck Roof Aft	21.9	1	22			22
Roof Front	32.8	1	33			33
Roof Side	17.4	2	35			35
Roof Aft	32.8	1	33			33
Stack Front	42.0	1	42			42
Stack Side	39.4	2	79			79
Stack Aft	27.0	1	27			27
			-			-
Total house paint area:						3,474
Margin - for minor overhangs, railing posts, etc						5%
			-			
Total House Paint Area Estimate						3,648

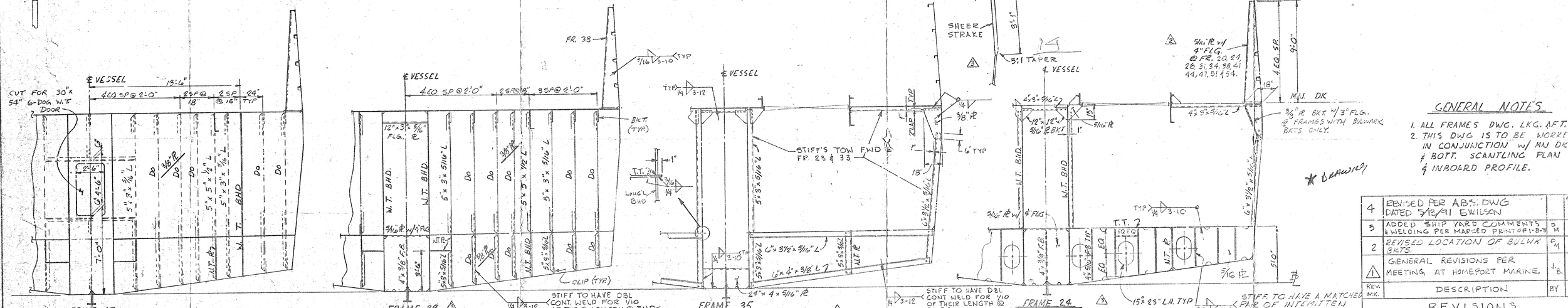
House Decks

From 2-D drawing	Area (sq ft)	Port/Stbd	Total Area (sq ft)	Curvature factor	Framing factor	Adjusted Area (sq ft)
Poop deck	387	1	387			387
Berth Deck	229	1	229			229
Bridge Deck & stair	133	1	133			133
Roof Underside of Valance	103	1	103			103
Roof Deck, upper and lower	716	1	716			716
			-			-
Total house deck paint area:						1,568
Margin - for minor overhangs, etc						5%
			-			
Total House Deck Paint Area Estimate						1,646

Coastwise Corporation
12651 Old Seward Hwy. - Anchorage, Alaska - 99515
907 929-3148 - www.coastwise.com

Title	Paint Area
Subtitle	Key Plans & Area Calculations
Project # 20026	Project: Stimson Overhaul
Scale: As noted on 34" x 22" Sheet	Client: Alaska Dept. of Public Safety
Dwg. No. 20026-14-01	Sheet 2 of 2 — Rev. -





GENERAL NOTES

1. ALL FRAMES DWG. LKG. AFT.
2. THIS DWG IS TO BE WORKED IN CONJUNCTION W/ MN DK & BOTT. SCANTLING PLAN & INBOARD PROFILE.

* Deleted

REV MK.	DESCRIPTION	BY	DATE
4	REVISED PER ABS; DWG DATED 5/12/91 EWILSON		5/20/91
3	ADDED SHIP YARD COMMENTS & WELDING PER MARKED PRINT OF 1-8-91	DM	1/8/91
2	REVISED LOCATION OF BULWK BKTS.	DM	1-8-91
1	GENERAL REVISIONS PER MEETING AT HOMEPORT MARINE	JB	12/6/90

REVISIONS

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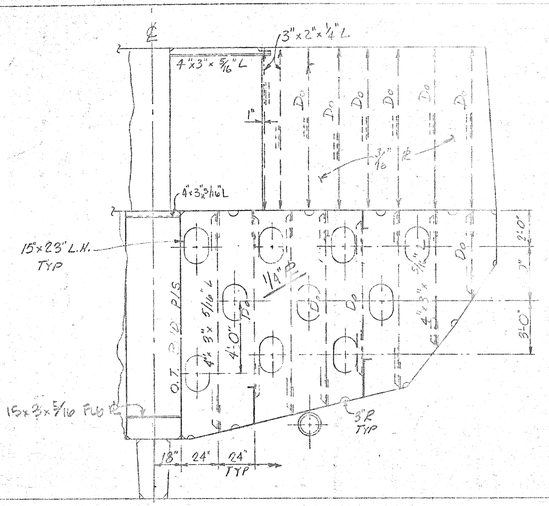
156' x 38' x 16' CRAB BOAT

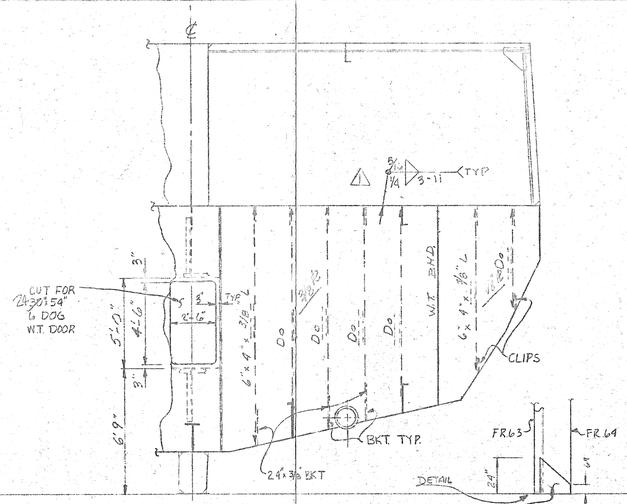
FRAMES 5-56&61

Homeport Marine Services, Inc.
5807 ELDER FERRY ROAD • POST OFFICE BOX 745
MOSS POINT, MISSISSIPPI 39563 601-475-55

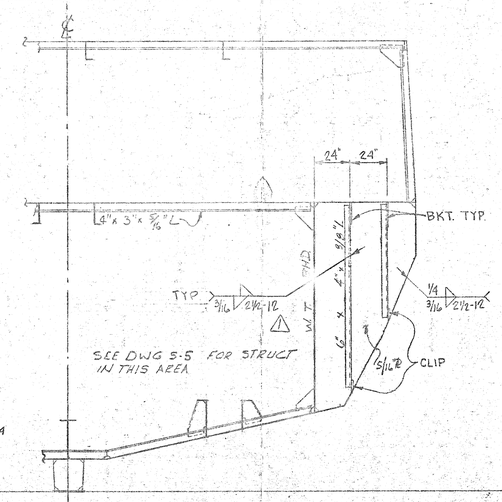
SCALE 1/4"=1'-0"	DATE 11-5-90
DRAWN D. METOYER	APP'D.
HULL NO. 1119	DWG. NO. S-3



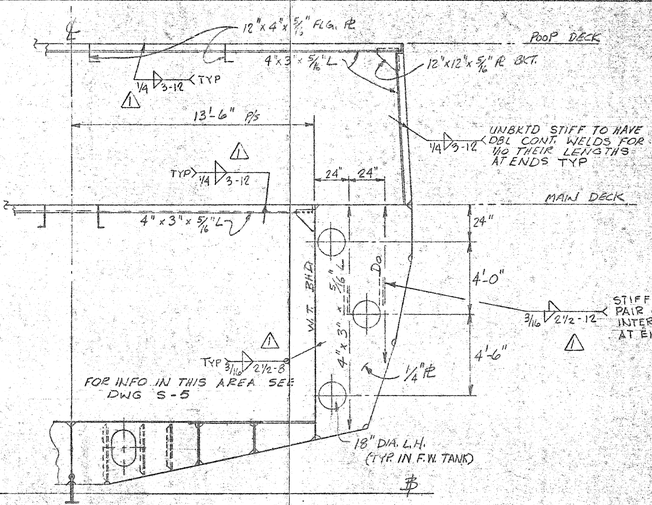
FRAME 64



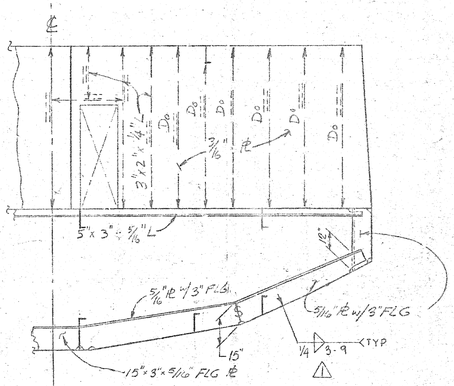
FRAME 63



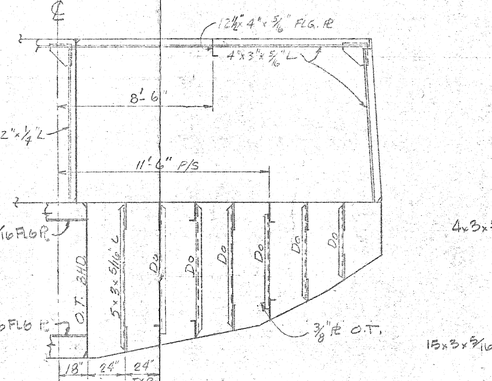
FRAME 62



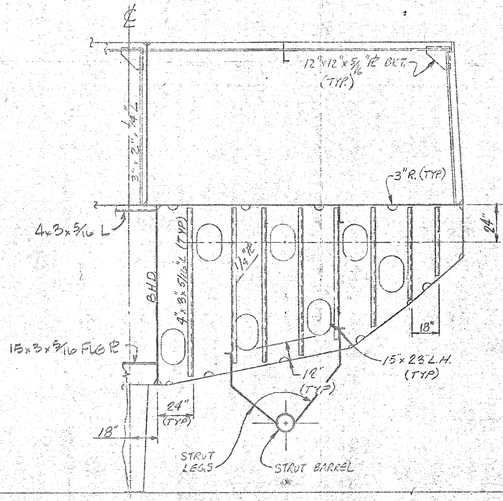
FRAME 57
FR 59 SIMILAR



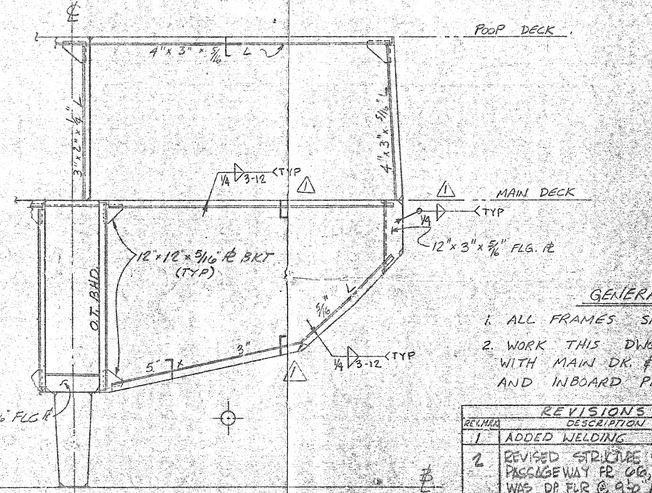
FRAME 71



FRAME 70



FRAME 68
FR. 66 SIMILAR



FRAME 67
FR. 65, & 69 SIMILAR

GENERAL NOTES

1. ALL FRAMES SHOWN LOOKING AFT.
2. WORK THIS DWG. IN CONJUNCTION WITH MAIN DK. & BOTTOM SCANTLINGS AND INBOARD PROFILE.

REVISIONS				
REVISION	DESCRIPTION	BY	DATE	APRVD
1	ADDED WELDING	DM	1-21-91	
2	REVISED STRUCTURE IN 1ST PASSAGEWAY FR 66, 68 & 69. WAS DP FLR @ 9'0 A.B.L.	BW	2/15/91	

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156' x 38' x 16' CRAB BOAT

FRAMES 57 - 73

Homeport Marine Services, Inc.

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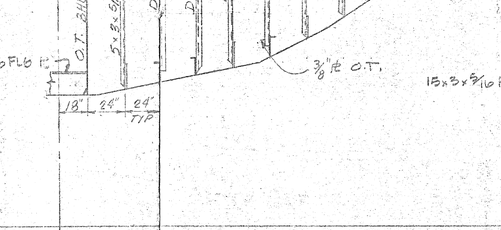
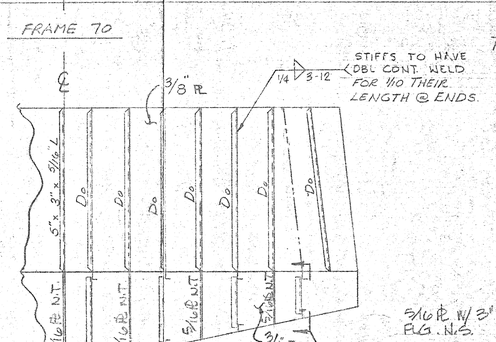
MOSS POINT, MISSISSIPPI 39563 601-475-5533

SCALE	¼" = 1'-0"	DATE	11-5-90
DRAWN	J. BEACH	APP'D.	
HULL NO.	1119	DWG. NO.	S-4

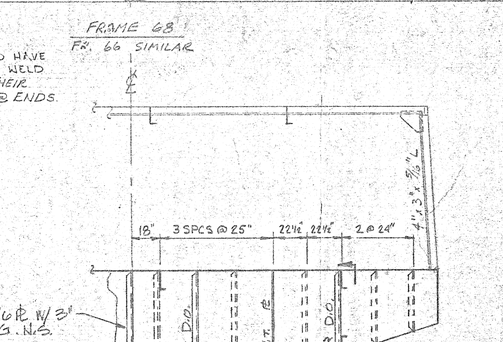
FRAME 71



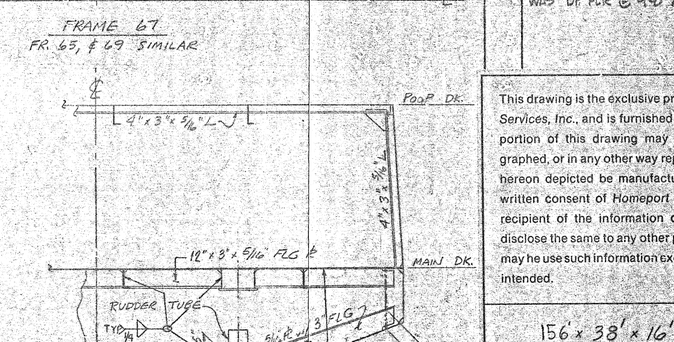
FRAME 70



FRAME 73
(TRANSOM)



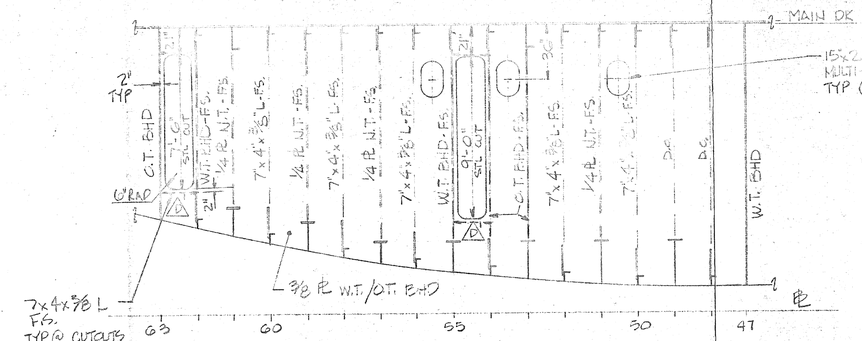
FRAME 72



FRAME 72

DAI JOB # C-3512

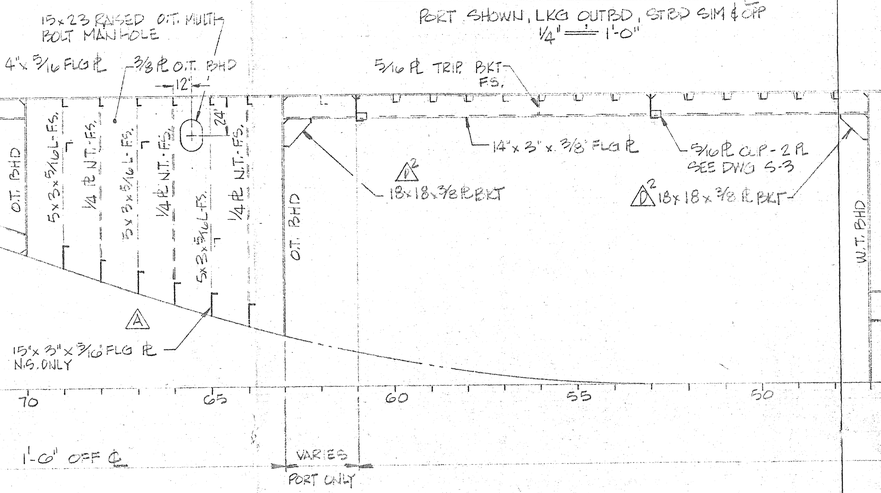
REVISION	
A	REVISED STRUCTURE IN AFT PASSAGEWAY FR 66, C8 & C4. WAS: DP. FLOOR @ 9'-0" A.B.L. ADDED MANHOLE IN LONG'L BHD @ FR 65. E. WILSON 2/28/91
B	ADDED BACK-UP STRUCTURE FOR STIF. LEGS. E. WILSON 3/5/91
C	ADD MANHOLES FOR ACCESS TO INNERBOTTOM TKS FR 19-47. E. WILSON 3/22/91
D	1. LIBERED VOID SPACES IN WING TK BHD PER OWNERS REQUEST. 2. REVISED PER ABS LETTER DATED 5/13/91. E. WILSON 5/27/91

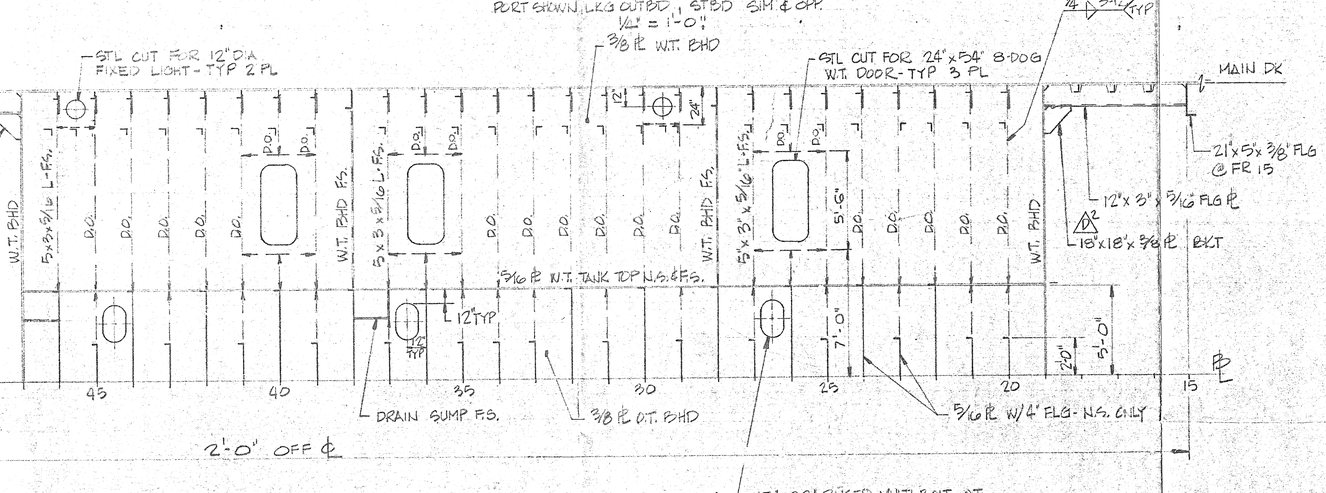


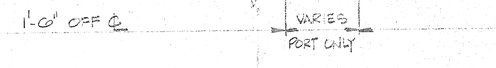
LONG'L BHD 13'-6" OFF ℄

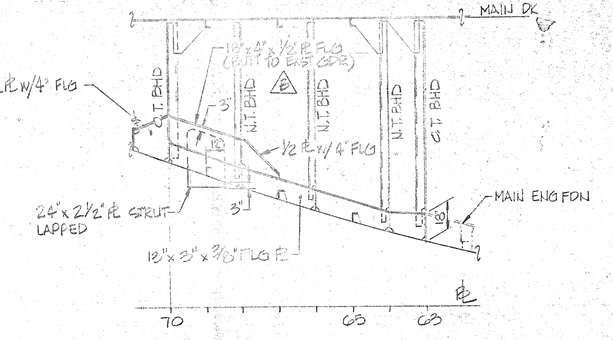
PORT SHOWN, LKG OUTBD, STBD SIM & OPP

1/4" = 1'-0"





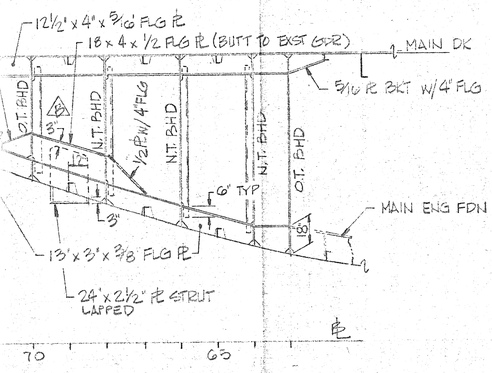




LONG'L GDR 5'-6" OFF ℄

PORT SHOWN, LKG OUTBD, STBD SIM. & OPP.

1/4" = 1'-0"



GDRS 11'-6" OFF ℄

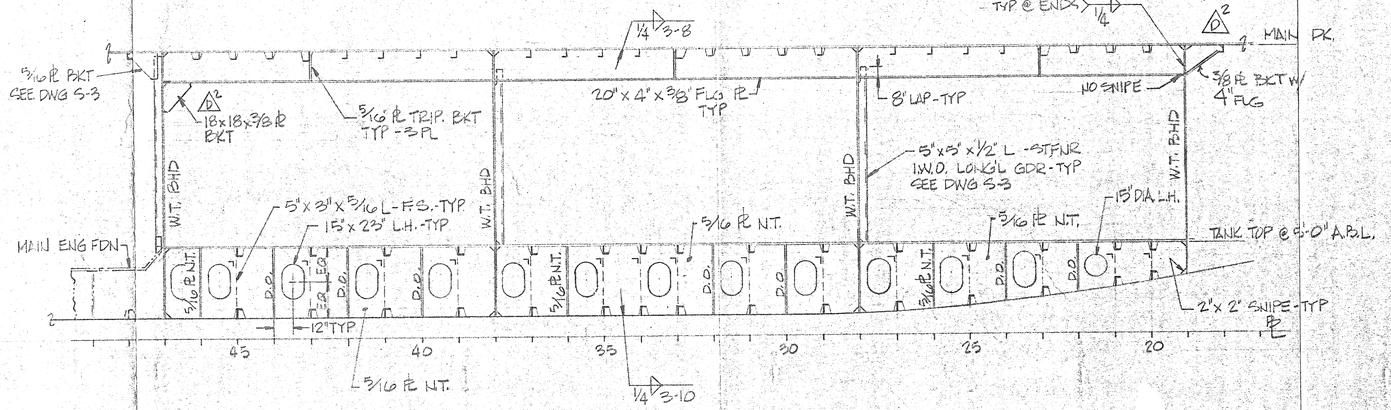
OWN LKG INBD, PORT SIM & OPP

1/4" = 1'-0"

LONG'L BHDS & GDRS 2'-0" OFF ℄ & AS NOTED

PORT SHOWN LKG OUTBD, STBD SIM & OPP UNLESS NOTED OTHERWISE

1/4" = 1'-0"



LONG'L STRUCTURE 11'-0" OFF ℄

STBD SHOWN LKG INBD, PORT SIM & OPP

1/4" = 1'-0"

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156'x38'x16' CRAB BOAT

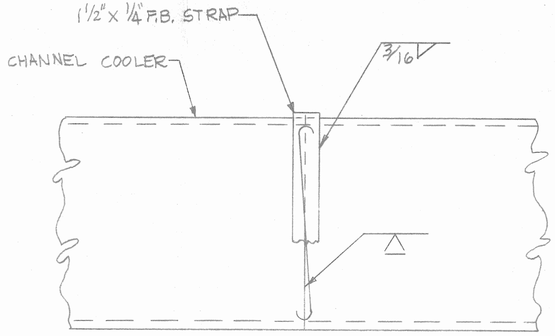
LONGITUDINAL BHDS & GDRS

Homeport Marine Services, Inc.

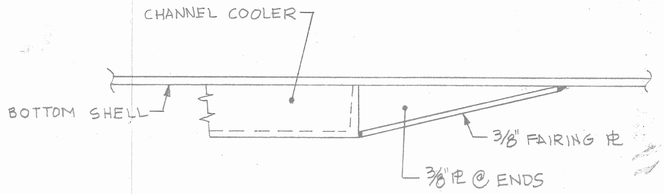
5807 ELDER FERRY ROAD • POST OFFICE BOX 745

MOSS POINT, MISSISSIPPI 39563 601-475-5533

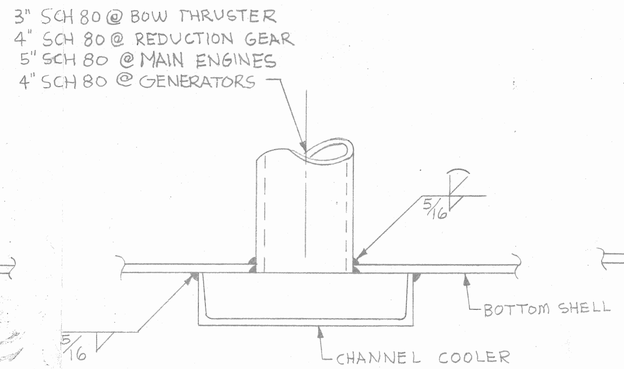
SCALE NOTED	DATE 1-31-91
DRAWN E. WILSON	APP'D.
HULL NO. 1119	DWG. NO. S-6



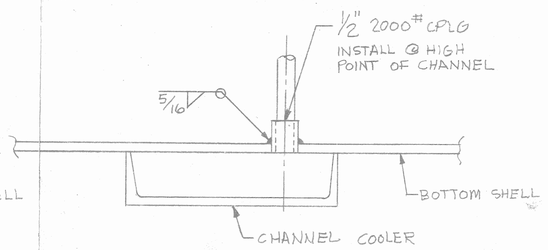
TYPICAL BUTT DETAIL
3" = 1'-0"



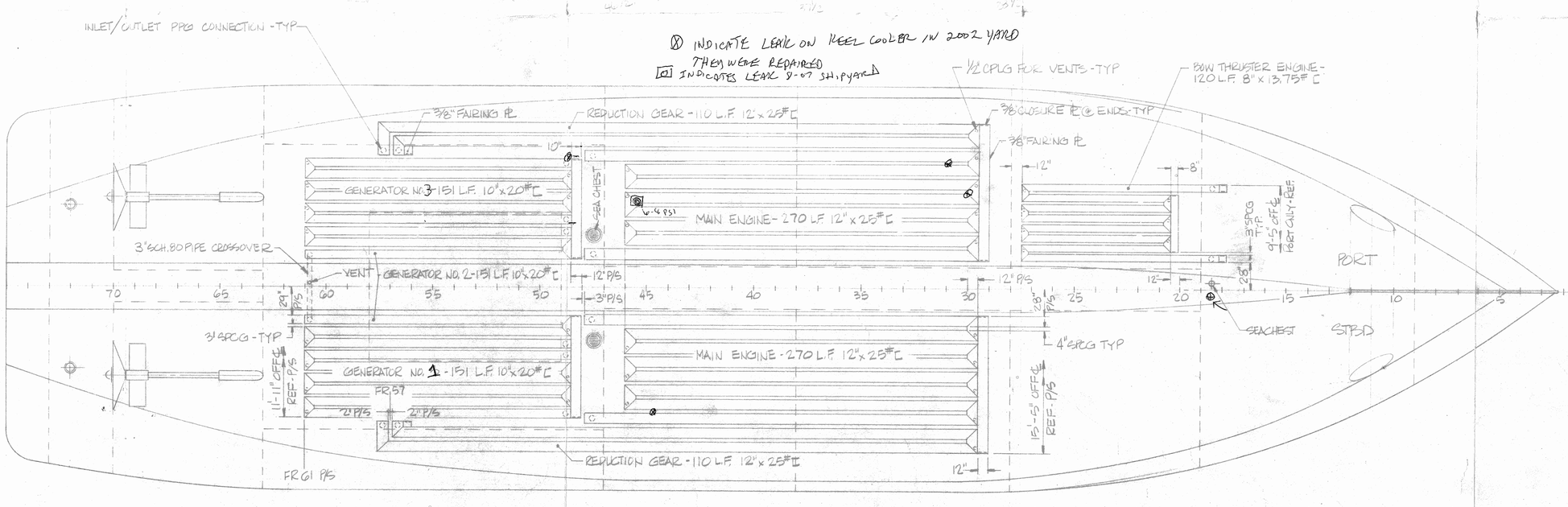
FAIRING PLATE DETAIL
3" = 1'-0"



PIPE CONNECTION DETAIL
3" = 1'-0"



TYPICAL VENT DETAIL
3" = 1'-0"



PLAN - BOTTOM
3/16" = 1'-0"

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156' x 38' x 16' CRABBOAT

KEEL COOLER DETAILS

Homeport Marine Services, Inc.

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SCALE NOTED	DATE 2-26-91
DRAWN E. WILSON	APP'D.
HULL NO. 1119	DWG. NO. S-8