

**BREAKWATER TOP PLAN**  
SCALE: 1/8"=1'-0"

**OUTBOARD PROFILE**  
SCALE: 1/8"=1'-0"

**PARTICULARS**

LENGTH, OVERALL	438.00 FT
LENGTH, O.B.S.D WATERLINE	428.46 FT
LENGTH, BETWEEN PERPENDICULARS (RULE)	411.32 FT
BREADTH, MOLDED	105.00 FT
DEPTH, MOLDED, MAIN DECK	25.00 FT
DRAFT, MOLDED, SUMMER LOAD LINE	19.02 FT
DISPLACEMENT, SUMMER LOAD LINE (APPROX)	19,134 LT 2,426 ST
UNIFORM DECK LOAD (MAIN DECK)	3,650 PSF
UNIFORM DECK LOAD (BREAKWATER TOP)	540 PSF
DEADWEIGHT (APPROX)	15,060 LT 16,867 ST

**CAPACITIES (APPROXIMATE)**

FUEL OIL (98%)	870 GALLONS
BALLAST, SEAWATER (100%)	5,975 LT 6,642 ST

**FRAME SPACING**

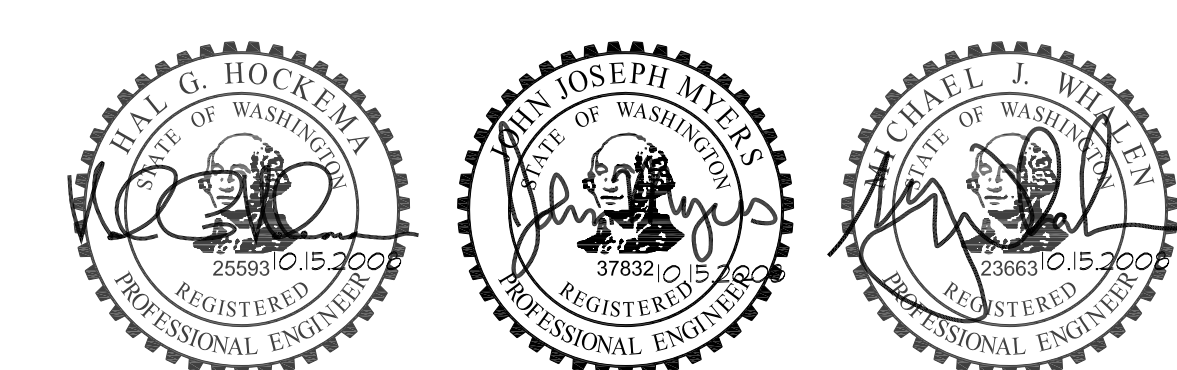
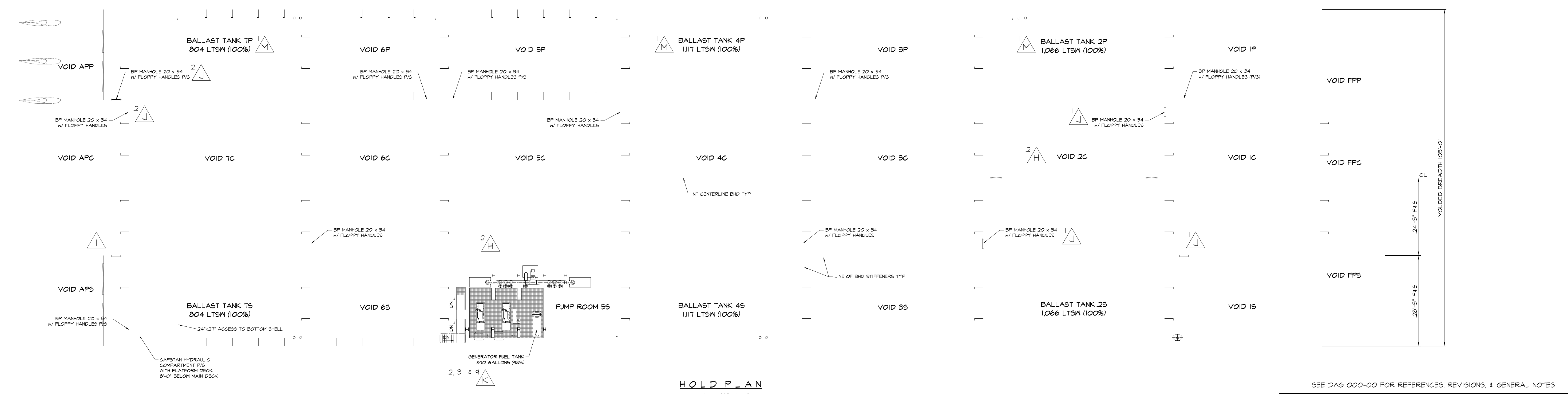
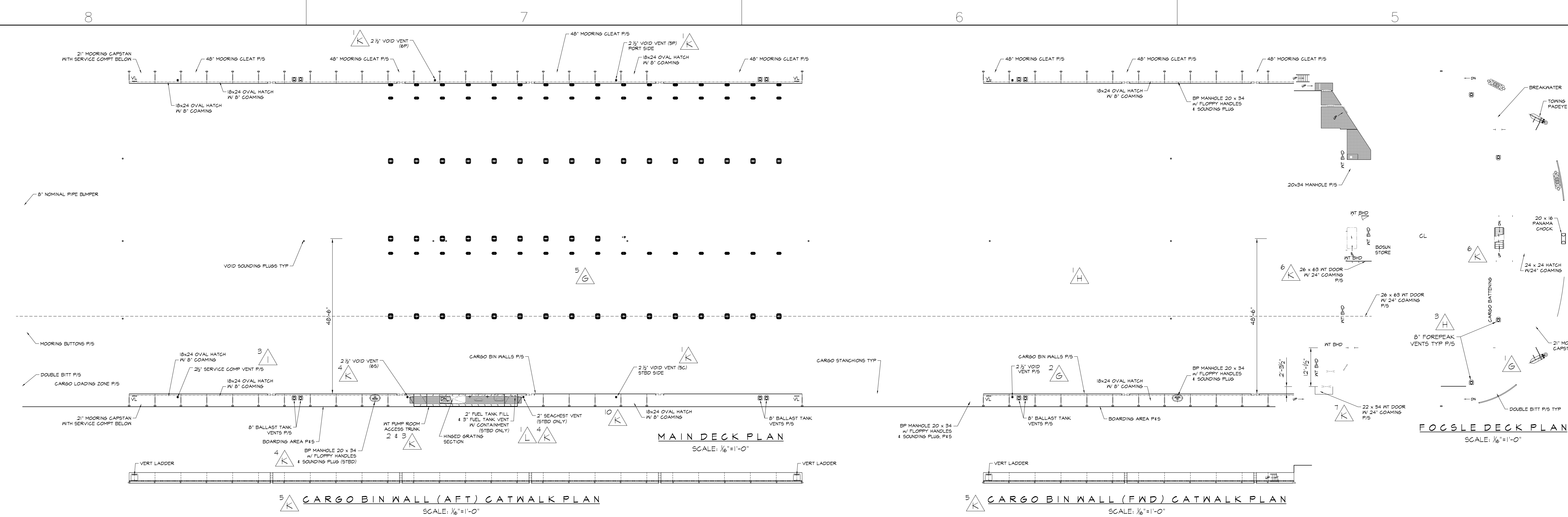
FR O-53 = 8'-1"
FR 53-TR = 3'-0"

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SEE DWG 000-00 FOR REFERENCES, REVISIONS, & GENERAL NOTES

PROJECT	438' x 105' x 25' DECK CARGO BARGE										
CLIENT	SAUSS BROS. - COOS BAY, OREGON										
DRAWING TITLE	GENERAL ARRANGEMENT										
<b>HOCKEMA &amp; WHALEN ASSOCIATES</b>											
NAVAL ARCHITECTS / MARINE ENGINEERS											
SEATTLE WA USA TEL: 206 365 0919 FAX: 866 770 5528											
DWN	PET/JJM	OKD	JM	APPD	MJN/VGH	DWG NO.	0530-001-01	REV	M		
DATE	10/15/2008	DATE	10/15/2008	DATE	10/15/2008	SCALE	AS NOTED	FILE NAME	001-01~.dwg	SHT	1 OF 2



**FRAME SPACING**  
FR 0-53 = 8'-1"  
FR 53-TR = 3'-0"

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