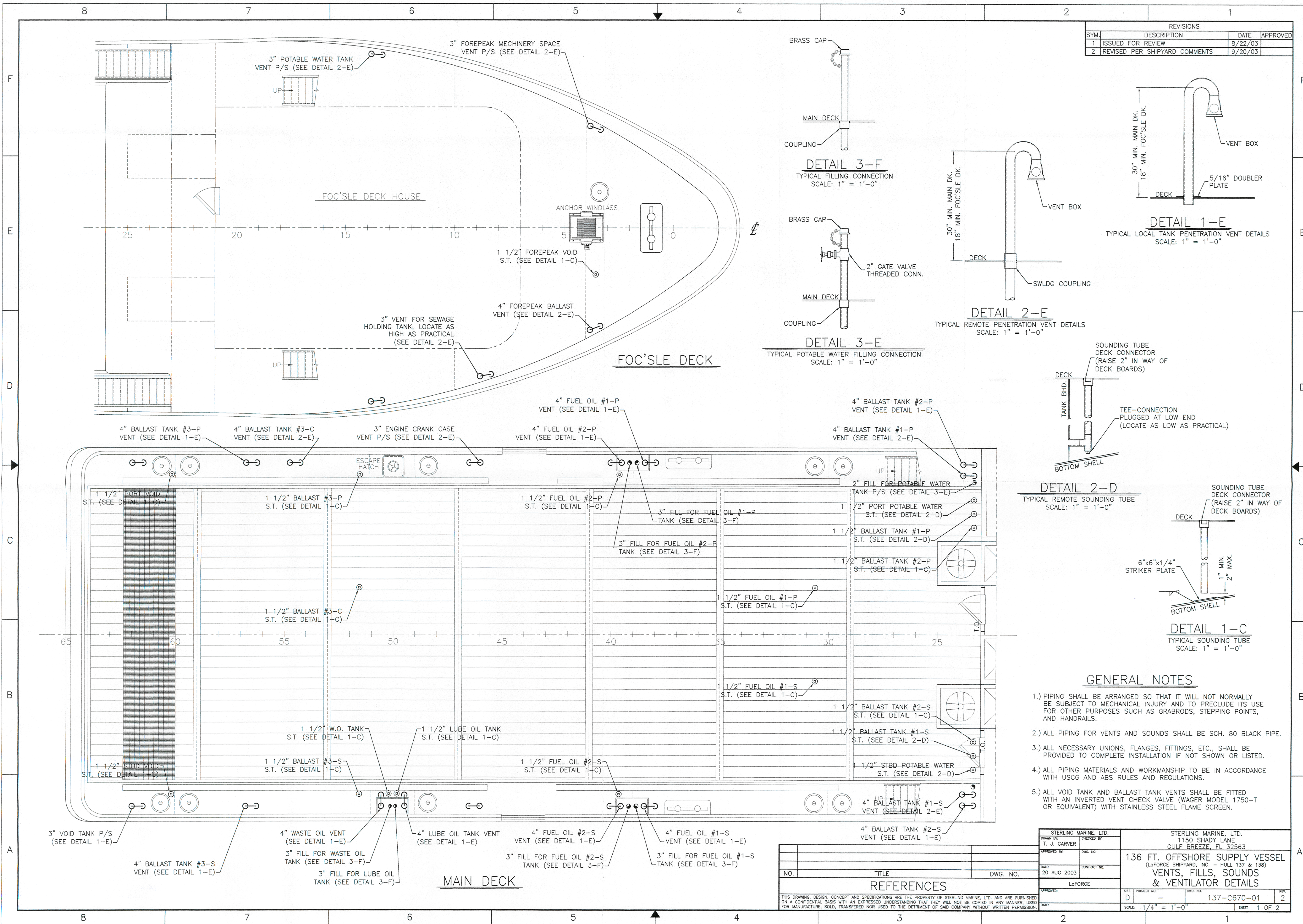
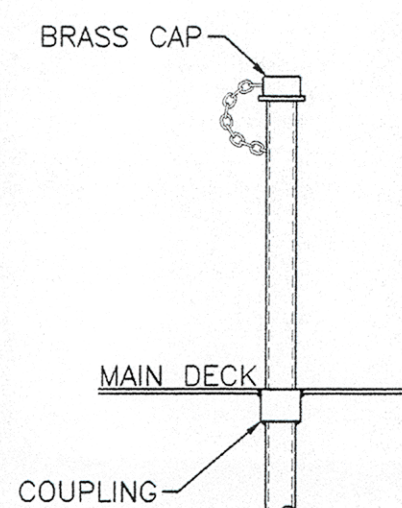
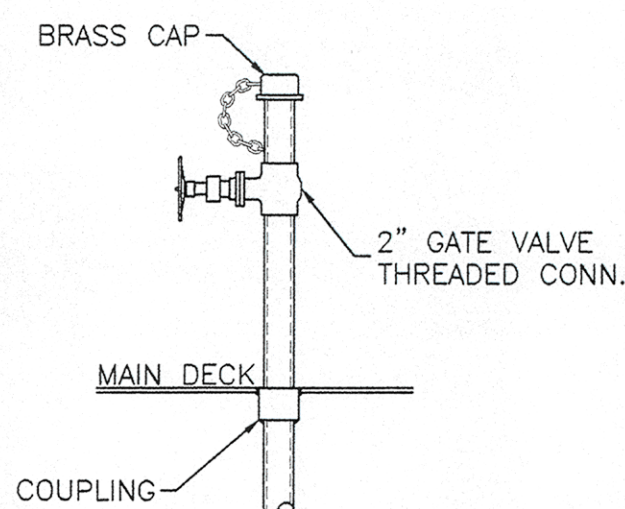




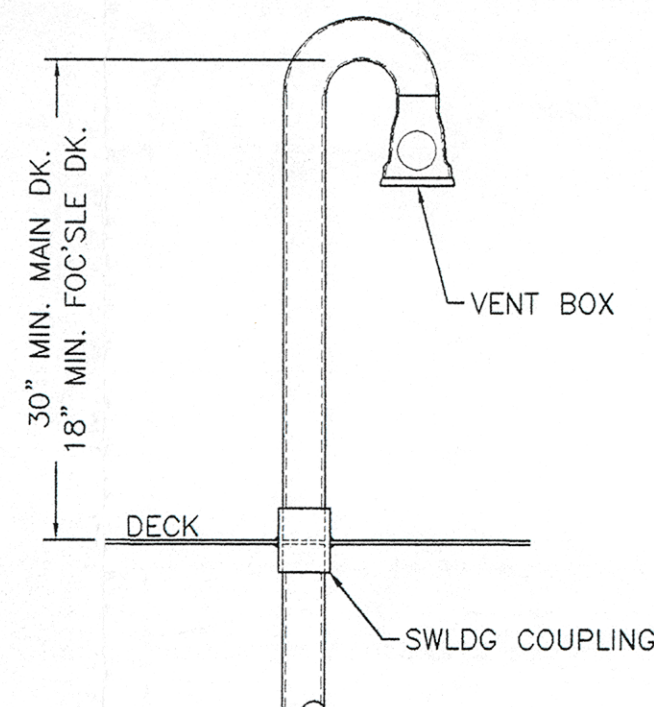
REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
1	ISSUED FOR REVIEW	8/22/03	
2	REVISED PER SHIPYARD COMMENTS	9/20/03	



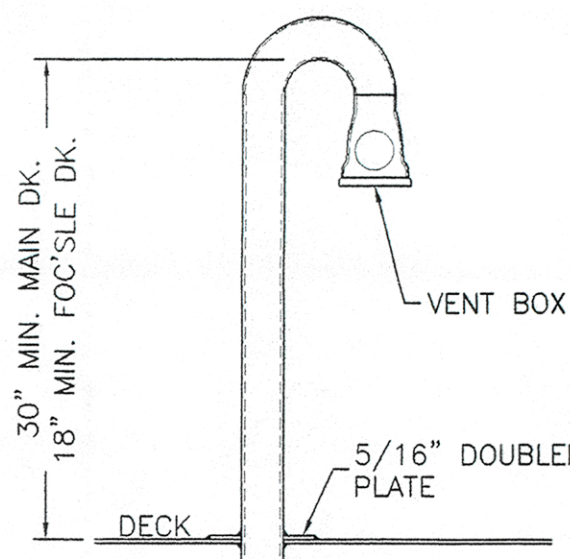
DETAIL 3-F
TYPICAL FILLING CONNECTION
SCALE: 1" = 1'-0"



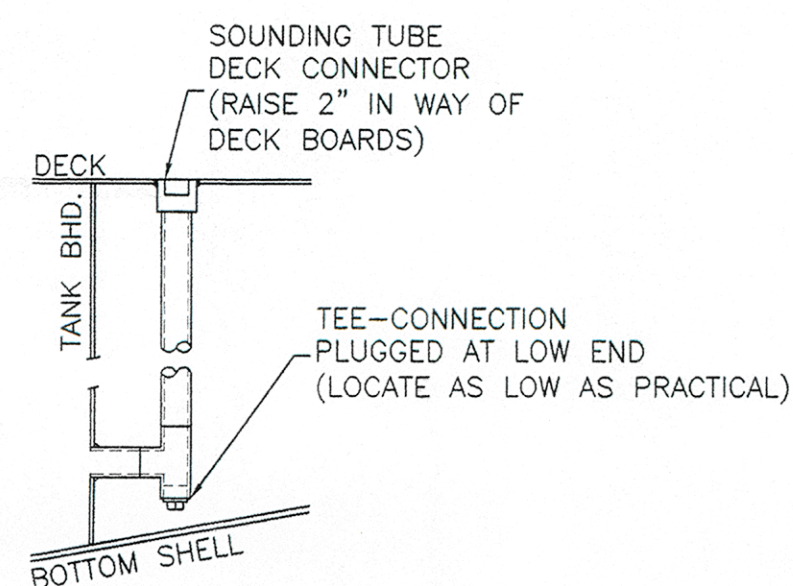
DETAIL 3-E
TYPICAL POTABLE WATER FILLING CONNECTION
SCALE: 1" = 1'-0"



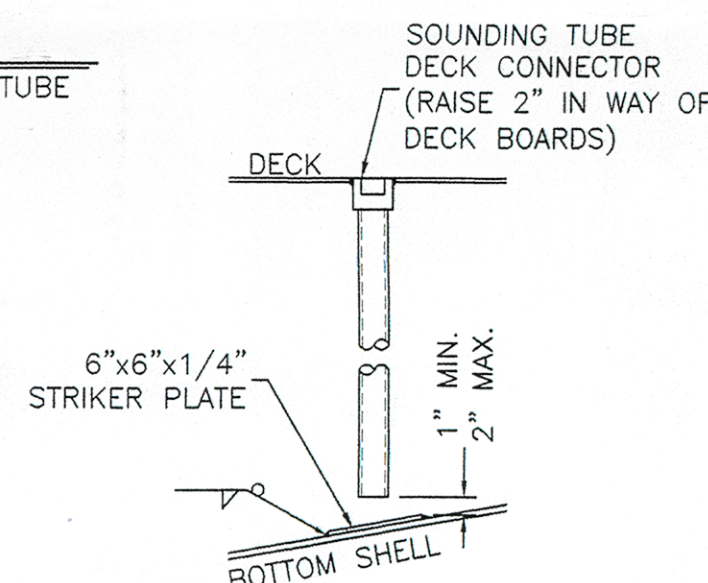
DETAIL 2-E
TYPICAL REMOTE PENETRATION VENT DETAILS
SCALE: 1" = 1'-0"



DETAIL 1-E
TYPICAL LOCAL TANK PENETRATION VENT DETAILS
SCALE: 1" = 1'-0"



DETAIL 2-D
TYPICAL REMOTE SOUNDING TUBE
SCALE: 1" = 1'-0"



DETAIL 1-C
TYPICAL SOUNDING TUBE
SCALE: 1" = 1'-0"

GENERAL NOTES

- 1.) PIPING SHALL BE ARRANGED SO THAT IT WILL NOT NORMALLY BE SUBJECT TO MECHANICAL INJURY AND TO PRECLUDE ITS USE FOR OTHER PURPOSES SUCH AS GRABRODS, STEPPING POINTS, AND HANDRAILS.
- 2.) ALL PIPING FOR VENTS AND SOUNDS SHALL BE SCH. 80 BLACK PIPE.
- 3.) ALL NECESSARY UNIONS, FLANGES, FITTINGS, ETC., SHALL BE PROVIDED TO COMPLETE INSTALLATION IF NOT SHOWN OR LISTED.
- 4.) ALL PIPING MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH USCG AND ABS RULES AND REGULATIONS.
- 5.) ALL VOID TANK AND BALLAST TANK VENTS SHALL BE FITTED WITH AN INVERTED VENT CHECK VALVE (WAGER MODEL 1750-T OR EQUIVALENT) WITH STAINLESS STEEL FLAME SCREEN.

REFERENCES	
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STERLING MARINE, LTD. 1150 SHADY LANE GULF BREEZE, FL 32563	
136 FT. OFFSHORE SUPPLY VESSEL (LoFORCE SHIPYARD, INC. - HULL 137 & 138) VENTS, FILLS, SOUNDS & VENTILATOR DETAILS	
NO.	TITLE
DWG. NO.	DATE
LoFORCE	20 AUG 2003
SIZE	PROJECT NO.
D	137-C670-01
SCALE: 1/4" = 1'-0"	SHEET 1 OF 2