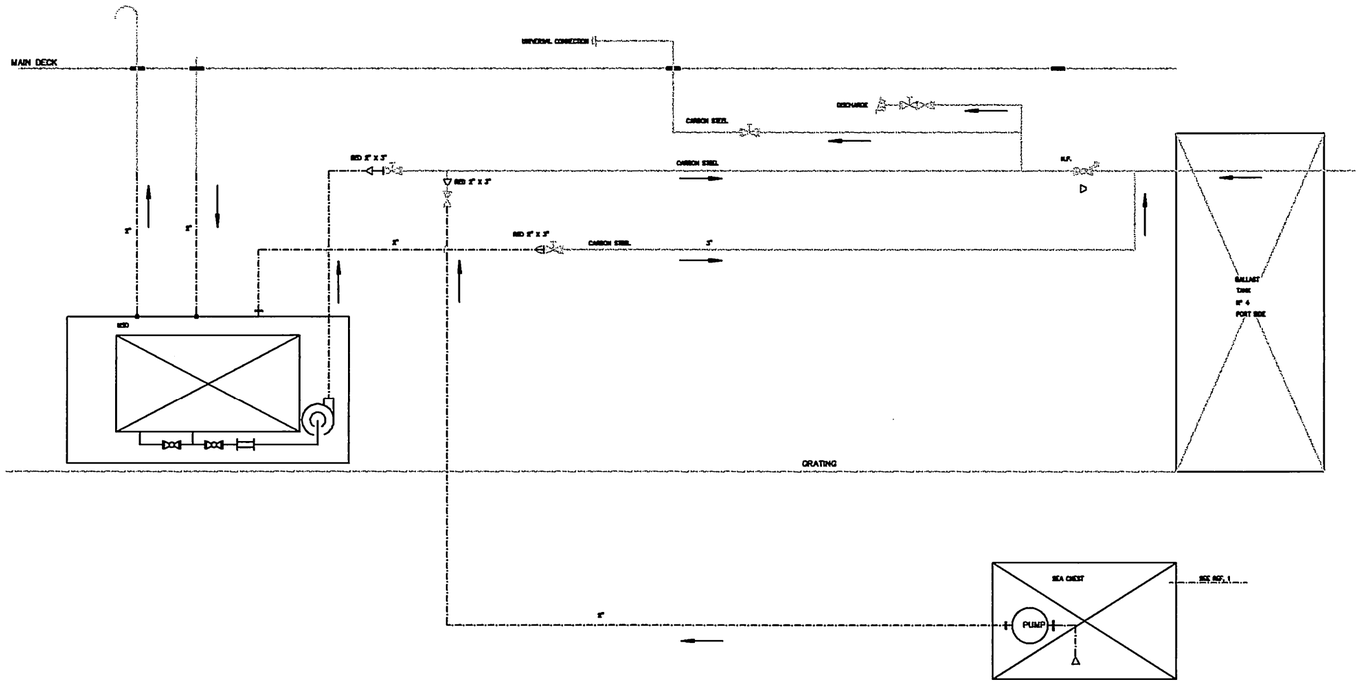

LIST OF EQUIPMENT

ITEM	EQUIPMENTS	QT.	MANUFACTURER	TYPE	MODEL	CARACT.	OBS.
1	BOD	01		TP-309			

MODIFICATIONS

LETTER	DESCRIPTION					
	DATE	EXEC. ENG.	EXEC. SEÇÃO	ENGL.	PROJ.	DES.

NOTES:

1 – PLUMBING SYSTEM CODE

3 – MATERIAL:

- EXISTING PIPES (NO MODIFICATIONS)
- NEW PIPING

4 – SYMBOLS:

- (F) –INDICATES THAT COMPONENT WILL BE PROVIDED BY MANUFACTURER
- –INDICATES THAT VALVE IS NORMALLY CLOSED
- –INDICATES THAT VALVE IS NORMALLY OPEN
- –BUTTERFLY VALVE 150# IRON ASTM 395
- –PENETRATION PIECE
- –SPHERE VALVE BRONZE BODY AND STAINLESS SPHERE ASTM B124
- –GATE VALVE 150# FLANGED CAST STEEL ASTM A216
- –NO RETURN VALVE 150# FLANGED CAST STEEL ASTM A216
- –UNIVERSAL PLUG
- –DISCHARGE
- # –PRESSURE CLASS

5 – DESIGNATIONS:

- PIPES: CARBON STEEL COLD DRAWN SCHEDULE 80 WITHOUT STITCH ASTM A53
- CONNECTIONS: THREADED STEEL

Valves- spherical bronze body and stainless steel sphere ASTM B-124
Fittings - 2" (and below), steel ASTM A197
2 1/2"(and above), steel ASTM A234
Flanges - steel #150 ASTM 216

REFERENCES

ITEM	TITLE	CLASSIFICATION
1	SANITARY LINES ABOVE ENGINE ROOM	
2		
3		
4		
5		

CLIENT APPROVAL

COPY DISTRIBUTION			
DESTINO	QT.	DESTINO	QT.
		TOTAL	

CLIENT: T.D.I

DES. W.C.A.
PROJ.
ENGL.

PROJECT: GYRE

TITLE: MARINE SANITATION DEVICE DIAGRAM

DATE: 04 / 03 / 07
SCALE: NO SCALE
CLASSIFICATION
A.T.
GRAU DE SIGILO

ALEXIL LTDA

GYRE-0181

DIM.							
PROJ.							
DES.							
VR	DESENHO	ALT. A	ALT. B	ALT. C	ALT. D		

-01- / -01-

ATION: MARINE SANITATION DEVICE