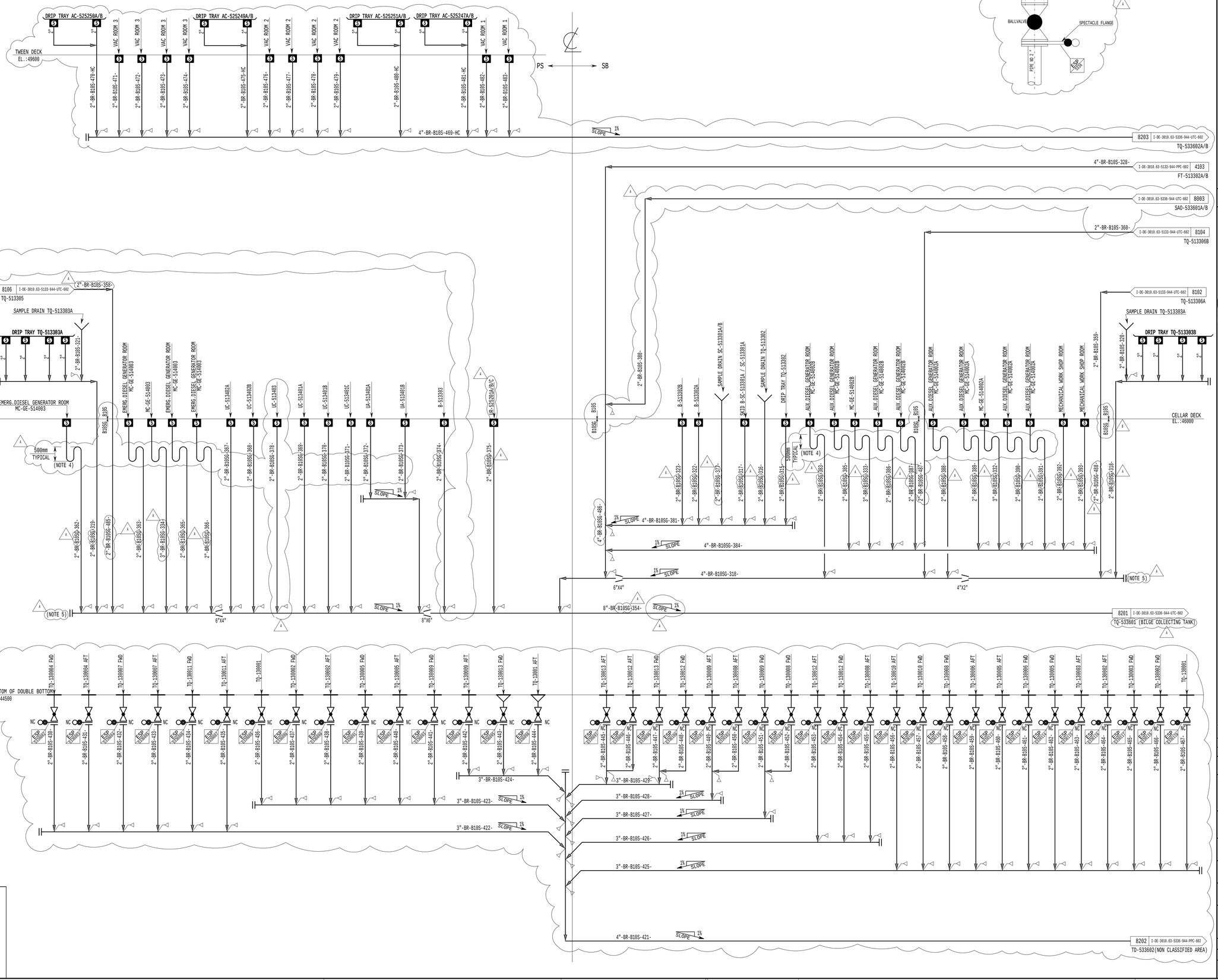
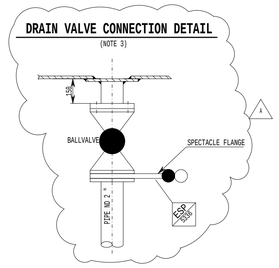


DRAIN VALVE CONNECTION DETAIL

(NOTE 3)



REFERENCE DOCUMENTS

ET PIPING SPECIFICATION
ET SYMBOLS AND ABBREVIATIONS
PIPING AND INSTRUMENT DIAGRAM - "GENERAL NOTES"
GENERAL ARRANGEMENT "CELLAR DECK"
ET GENERAL CRITERIA FOR DESIGN OF MARINE SYSTEMS.

GENERAL NOTES

1 - ACCORDING TO I-ET-3010.63-1200-200-PPC-001 PIPING SPECIFICATION BR PIPE LINES SHALL BE INTERNALLY COATED WITH POLYETHYLENE. THE BR PIPING INSIDE THE DOUBLE BOTTOM OF CELLAR DECK BETWEEN ELEVATIONS 46000 AND 44500 SHALL HAVE SPECIFICATION B10SG (HOT DEEP GALVANIZED) COMPLETELY WELDED. THE PIPING CONNECTION SHALL BE WELDED SLEEVES.

2 - ALL ATMOSPHERIC DRAINAGE SHALL HAVE A MINIMUM SLOPE OF 1% TO PREVENT BACK FLOW.

3 - THE DRAIN VALVE AND SPECTACLE FLANGE SHALL BE OPEND JUST IN CASE OF OF VOID FLOODING DETECTION.

4 - A SYPHON WITH 500mm HEIGHT SHALL BE INSTALLED AT DRAINING PIPING OF ALL COMPARTMENTS PROTECTED BY CO2 FIRE FIGHTING SYSTEM.

5 - THE FLANGE THE CLEANING CONNECTIONS SHALL HAVE STAINLESS STEEL BOLTS WITH LOCKING WASHER TO PREVENT LEAK.

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UTC Nº.: I-DE-B20184-51DB-103-UTC-082
CONTRACT Nº: 821-2-001-02-8
TECHNICAL RESP.: FATIMA R. DUARTE — INITIALS: FRD
CREA REG. Nº.: 45777-D

PETRÓLEO BRASILEIRO S.A. PETROBRAS

ENGENHARIA / IEMS

CLIENT OR USER: UN - RIO / ATP - MLS

JOB OR UNIT: MARLIM SUL FIELD DEVELOPMENT

AREA OR UNIT: PETROBRAS 51 (P-51)

DRAWING TITLE: PIPING AND INSTRUMENT DIAGRAM BILGE OILY WATER COLLECTING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED. BY:
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SCALE: NO SCALE — SHEET: 01 of 01

DATE: 30JUL02 — BR NUMBER: I-DE-3010.63-5336-944-UTC-603

File Nr.: I-DE-3010.63-5336-944-UTC-603_A.PID
Size : A1