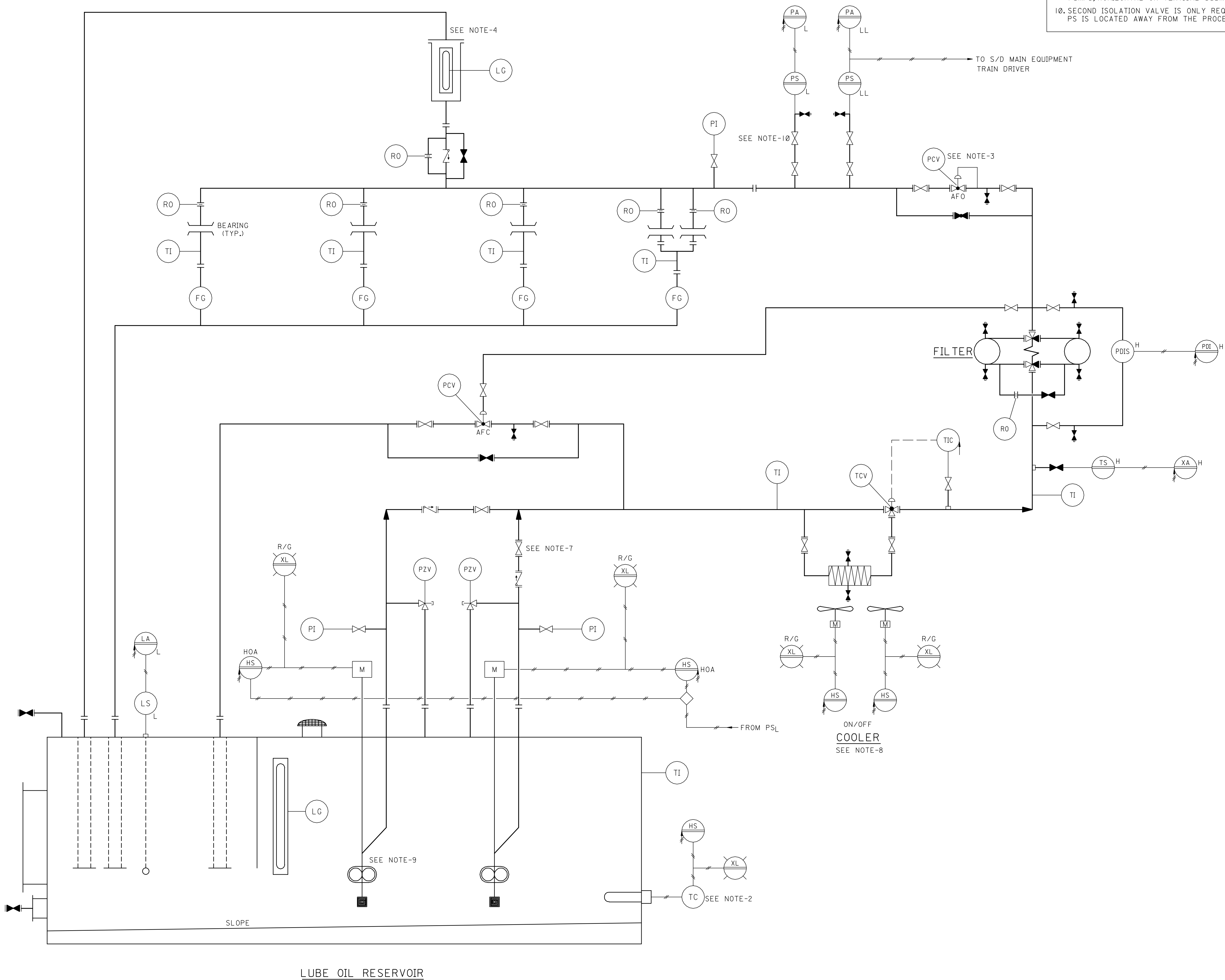


7. ALL GATE VALVES OTHER THAN RESERVOIR DRAIN VALVE TO BE LOCKED IN THE OPEN POSITION.
8. SHELL & TUBE EXCHANGER IF SPECIFIED.
9. PUMPS TO BE POSITIVE DISPLACEMENT ROTARY PUMPS, HORIZONTAL OR VERTICAL SUBMERGED.
10. SECOND ISOLATION VALVE IS ONLY REQUIRED IF PS IS LOCATED AWAY FROM THE PROCESS.

NOTES:

1. LINE SIZES TO BE DETERMINED BY VENDORS.
2. HEATER IS OPTIONAL: TO BE DETERMINED BY DRIVER OR DRIVEN EQUIPMENT MANUFACTURER.
3. SELF REGULATING PCV ONLY REQUIRED FOR LUBE OIL SYSTEM WITH WATER COOLED HEAT EXCHANGER TO MAINTAIN AN OIL PRESSURE IN THE COOLER HIGHER THAN THE WATER PRESSURE.
4. OVERHEAD TANK AS SHOWN OR ADDITIONAL EMERGENCY OIL PUMP (DC MOTOR, AIR MOTOR DRIVEN) AS DEEMED NECESSARY BY MAIN EQUIPMENT VENDOR.
5. INSTRUMENTS TO BE SELECTED IN ACCORDANCE WITH 34-AMSS-831.
6. ELECTRICAL REQUIREMENTS TO BE IN ACCORDANCE WITH 17-AMSS-015.

[illegible]

REFERENCE DRAWINGS	
LETTER IDENTIFICATION OF LINES	AE-036204
PIPING SYMBOLS	AB-036227
EQUIPMENT SYMBOLS	AB-036305
INSTRUMENT SYMBOLS	AC-036950
PIPING LAYOUT INDEX	
PLOT PLAN	
PROCESS FLOW DIAGRAM	
HYDROSTATIC TEST DIAGRAM	
DRAWING CONTROL JOB ORDER NO.	
INSTRUMENT INSTALLATION SCHEDULES	

DWG. RESPONSIBILITY:
ROTATING EQUIPMENT STANDARDS COMMITTEE

03	10/02		DWG. REVISED AND REINSTATED AS STANDARD DWG.					
REV. NO.	DATE	JO/EWO	DESCRIPTION	ENGG.	CERT.	PMT	OPRNS	
THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED.						DESIGN CERTIFICATION	REVIEW FOR KEY DRAWINGS	

DESIGN CERTIFICATION

DRAWN BY _____	CHECKED BY _____
DATE STARTED _____	DATE COMPLETED _____
DISCIPLINE ENGINEER _____	
PROJECT ENGINEER _____	

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED.	CERTIFIED BY: _____
	SIGNATURE _____ DATE _____ (NAME)

SAUDI ARABIAN OIL COMPANY

REVIEW FOR KEY DRAWINGS REQUIRED ☐ NOT REQUIRED ☐

CONSTRUCTION AGENCY _____

OPERATIONS _____

OTHER _____

FORCED FEED LUBRICATION SYSTEM	DRAWING TYPE
PIPING & INSTRUMENT DIAGRAM	STD

STD. DWG.		SAUDI ARABIA		
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	A	AA-036858	001	03