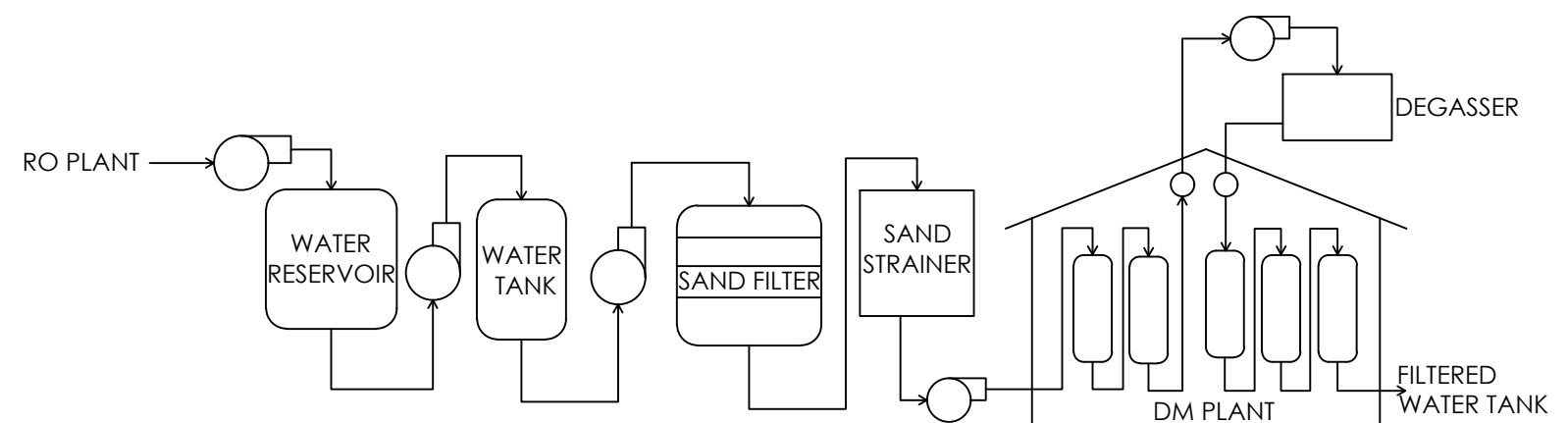


DWG 26 FEED WATER TREATMENT SYSTEM DIAGRAM
SCALE: NTS

NOTES:

1. MASS FLOWRATE OF COOLING WATER IS $50\text{m}^3/\text{s}$ FROM BALAYAN BAY. THE COOLING WATER OPERATING TEMPERATURE IS 30°C AND WILL BE EXPECTED TO INCREASE TO 33.44°C . DENR PERMITS AN INCREASE OF 3°C FOR WASTE WATER DISPOSAL, THEREFORE COOLING IS REQUIRED PRIOR TO WASTE WATER DISCHARGE.
2. THE TOTAL DISTANCE FROM THE SEASHORE TO THE WATER TREATMENT FACILITY IS APPROXIMATELY 400m
3. A PIPING LENGTH OF 550m WILL BE UTILIZED TO TRANSPORT THE COOLING WATER



DWG 27 DM PLANT PROCESS FLOW DIAGRAM
SCALE: NTS



BatStateU
BATANGAS STATE UNIVERSITY
Gov. Pablo Barbon Main Campus II
Alangilan, Batangas City
MECHANICAL ENGINEERING DEPARTMENT

PROJECT LEADER		INSTRUCTOR		PROJECT / LOCATION:	OWNER	PREPARED BY:	No.	REVISIONS	DATE	SHEET CONTENT	SHEET NO.
ENGR. LEMUEL ARNEL A. RIVERA MECHANICAL ENGINEER		ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER ASEAN ENGINEER		600 MW COAL-FIRED POWER PLANT LEMERY BATANGAS	MPR POWER CORPORATION ENGR. LEMUEL ARNEL A. RIVERA PRESIDENT	ENGR. BRYAN MERCADO				FEED WATER TREATMENT PROCESS SYSTEM	A 13
PRC Reg No.:	SECTION: ME - 5302	PRC Reg No.	PTR No.			ENGR. VINCE LEMUEL PANOPIO					
TIN:	GROUP NO: 05	TIN:	Issued on:			ENGR. LEMUEL ARNEL RIVERA					
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