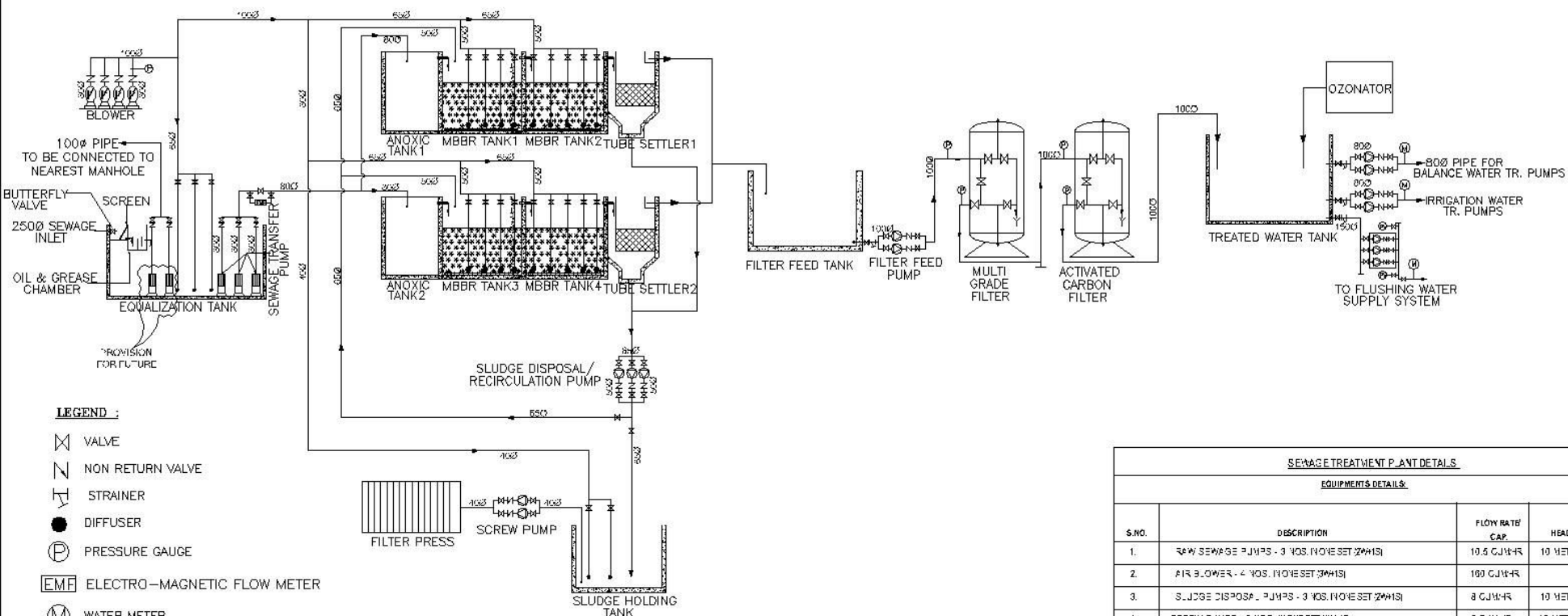


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rev. no.	date	revision



SEWAGE TREATMENT PLANT CAPACITY = 500 KLD **(TO BE INSTALLED IN TWO MODULES OF 250 KLD EACH)**

FILTER DETAILS			
1.	MULTIGRADE FILTER - 1 SET		
	FLOW RATE - 31 CUM/H AT 10.43S. OPERATION FOR 500 KLD CAP.	10000	
2.	ACTIVATED CARBON FILTER - 1 SET		
	FLOW RATE - 31 CUM/H AT 10.43S. OPERATION FOR 500 KLD CAP.	10000	

SEWAGE TREATMENT PLANT DETAILS		
RCC TANKS DETAILS		
S.NO.	DESCRIPTION	CAPACITY
1.	EQUALIZATION TANK - 1 CHAMBER	100 KL
2.	ANOXIC TANK - 2 CHAMBER	16 KL Each
3.	FA3 TANK - 4 CHAMBER	25 KL Each
4.	TUBE SETTLER - 2 CHAMBER	8 M2 Each
5.	FILTER FEED TANK - 1 CHAMBER	05 KL
6.	SUDGE HOLDING TANK - 1 CHAMBER	55 KL
7.	TREATED WATER STORAGE TANK - 1 CHAMBER	250 KL

SEWAGE TREATMENT PLANT DETAILS			
EQUIPMENTS DETAILS			
S.NO.	DESCRIPTION	FLOW RATE CAP.	HEAD
1.	RAW SEWAGE PUMPS - 3 NOS. (H.O. SET 2 NOS)	10.5 CUM/H	10 METER
2.	AIR BLOWER - 4 NOS. (H.O. SET 2 NOS)	100 CUM/H	
3.	SUDGE DISPOSAL PUMPS - 3 NOS. (H.O. SET 2 NOS)	8 CUM/H	10 METER
4.	SCREW PUMPS - 2 NOS. (H.O. SET 1 NOS)	3 CUM/H	40 METER
5.	FILTER FEED PUMPS - 2 NOS. (H.O. SET 1 NOS)	31 CUM/H	30 METER
6.	IRRIGATION WATER TRANSFER PUMPS - 2 NOS. (H.O. SET 1 NOS)	15 CUM/H	35 METER
7.	BALANCE WATER TRANSFER PUMPS - 2 NOS. (H.O. SET 1 NOS)	17 CUM/H	22 METER
8.	HYDRO-PNEUMATIC WATER SUPPLY PUMPING SYSTEM - 3 NOS. (H.O. SET 2 NOS)		NOT IN THE PRESENT SCOPE OF STP CONTRACTOR
9.	DEWATERING PUMPS - 2 NOS. (H.O. SET 1 NOS)	0.25	10 METER
10.	OZONATOR - 1 SET	100 GMS/H	
11.	FILTER PRESS - 1 SET (30 X 30 X 100 - 20 PLATES)		

project Neo Town At Greater Noida	diag. no. NT/STP-01	released for Tender	architects Gian P. Mathur & Associates (P) Ltd. Architects, Engineers & Planners C-55, East of Kailash, New Delhi - 65, Phone - 011-41624771, 41621129	services consultant Consummate Engineering Services (P) Ltd. Noida Office : B - 67, Sector - 67, Noida - 201361 Lko. Office : R-006, Rohtas Plumeria, Gomti Nagar, Lucknow e mail : mail@cespl.in, website : www.cespl.in
title Schematic Flow Diagram Sewage Treatment Plant	date 14-05-2018	drawn by Shikha Kalra	scale N.T.S.	ckd by Anand Havella