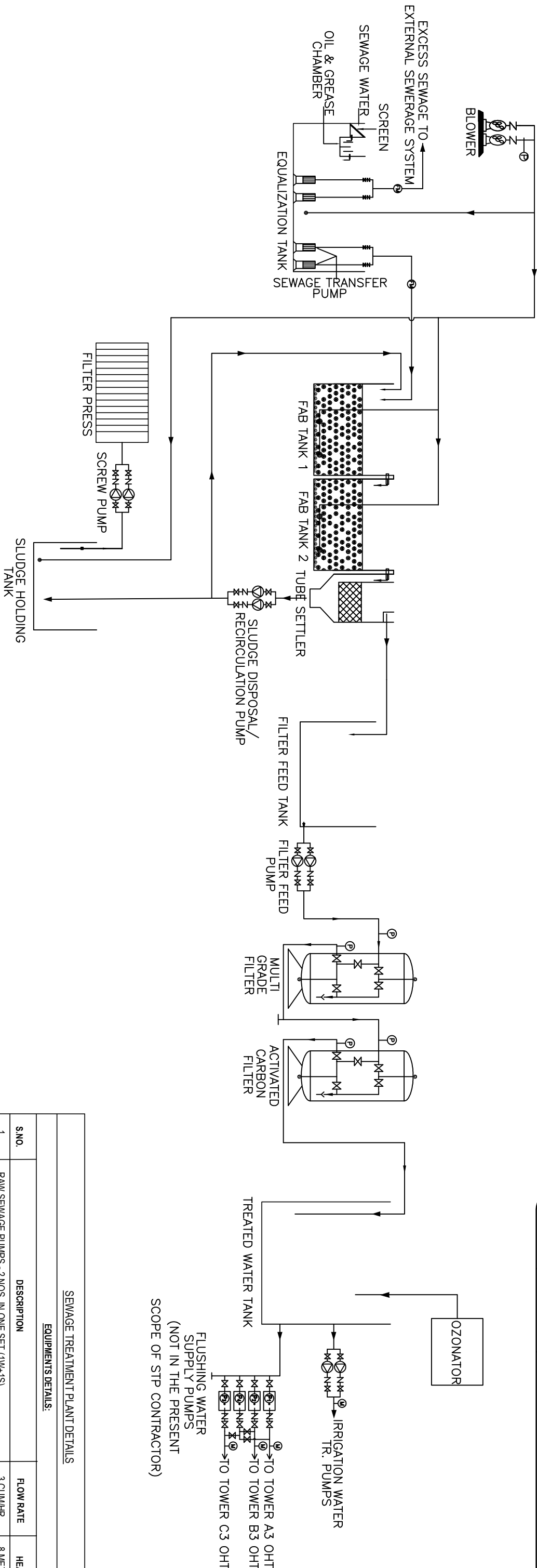


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rev. no.	date	revision



LEGEND :

- ✕ VALVE
- N NON RETURN VALVE
- DIFFUSER
- P PRESSURE GAUGE
- FM FLOW METER
- M WATER METER

SEWAGE TREATMENT PLANT DETAILS		
MS TANKS DETAILS:		
S.NO.	DESCRIPTION	CAPACITY
1.	EQUALIZATION TANK - 1 CHAMBER	25 KL
2.	FAB TANK - 2 CHAMBERS	7 KL Each
3.	TUBE SETTLER - 1 CHAMBER	2 M2
4.	FILTER FEED TANK - 1 CHAMBER	10 KL
5.	SLUDGE HOLDING TANK - 1 CHAMBER	10 KL
6.	TREATED WATER STORAGE TANK - 1 CHAMBER	15 KL

SEWAGE TREATMENT PLANT DETAILS			
EQUIPMENTS DETAILS:			
S.NO.	DESCRIPTION	FLOW RATE	HEAD
1.	RAW SEWAGE PUMPS - 2 NOS. IN ONE SET (1W+1S)	3 CUM/HR	8 METER
2.	AIR BLOWER - 2 NOS. IN ONE SET (1W+1S)	60 CUM/HR	
3.	SLUDGE DISPOSAL PUMPS - 2 NOS. IN ONE SET (1W+1S)	2 CUM/HR	8 METER
4.	FILTER PRESS FEED PUMPS - 2 NOS. IN ONE SET (1W+1S)	0.5 CUM/HR	35 METER
5.	FILTER FEED PUMPS - 2 NOS. IN ONE SET (1W+1S)	4 CUM/HR	30 METER
6.	IRRIGATION WATER TRANSFER PUMPS - 2 NOS. IN ONE SET (1W+1S)	4 CUM/HR	25 METER
7.	BALANCE RAW SEWAGE TRS. PUMPS - 2 NOS. IN ONE SET (1W+1S)	4 CUM/HR	10 METER
8.	DEWATERING PUMPS - 2 NOS. IN ONE SET	3 LPS	12 METER
9.	OZONATOR - 1 SET	20 GRMS / HR	
10.	FILTER PRESS - 1 SET (18X18 INCH - 17 NOS. PLATES)		
FILTER DETAILS:			
1.	MULTIGRADE FILTER - 1 SET FLOW RATE - 4 CUM/HR AT 16 HRS. OPERATION FOR 60 KLD CAP.	6000	
2.	ACTIVATED CARBON FILTER - 1 SET FLOW RATE - 4 CUM/HR AT 16 HRS. OPERATION FOR 60 KLD CAP.	6000	

Project**GOLF CITY**
AT PLOT NO. GH-7, SECTOR - 75, NOIDA

title**SCHEMATIC FLOW DIAGRAM**
SEWAGE TREATMENT PLANT 60 KLD

drg. no.
GC / PLOT-7 / STP-01

date
13/01/2017

scale
N.T.S.

released for
TENDER

drawn by
SHIKHA KALRA

ckd by
ANAND HAVELA

architects**DEEPAK MEHTA & ASSOCIATES**
ARCHITECTS, PLANNERS, VALUERS, LANDSCAPE & INTERIORS
PLOT NO. 16 ABHISHEK PLAZA L.S.C. MAYUR VIHAR PH II DELHI 91, PH: 65272180

services consultant**Consummate Engineering Services (P) Ltd.**
Noida Office : B - 67, Sector - 67, Noida - 201 301, Tel : (0120) 6943500 (24 Lines)
Lko. Office : R 006, Rohtas Plumeria, Gomti Nagar, Lucknow
e mail : mail@cespl.in, website : www.cespl.in