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rev. no.	date	revision

LEGEND :

- VALVE
- NON RETURN VALVE
- DIFFUSER
- PRESSURE GAUGE
- WATER METER
- FLOW METER

SEWAGE TREATMENT PLANT DETAILS		
RCC TANKS DETAILS:		
S.NO.	DESCRIPTION	CAPACITY
1.	EQUALIZATION TANK - 1 CHAMBER	75 KL Each
2.	FAB TANK - 2 CHAMBER	20 KL Each
3.	TUBE SETTLER - 1 CHAMBER	7 M2 Each
4.	FILTER FEED TANK - 1 CHAMBER	35 KL Each
5.	SLUDGE HOLDING TANK - 1 CHAMBER	20 KL Each
6.	TREATED WATER STORAGE TANK - 1 CHAMBER	65 KL Each

SEWAGE TREATMENT PLANT DETAILS			
EQUIPMENTS DETAILS:			
S.NO.	DESCRIPTION	FLOW RATE	HEAD
1.	RAW SEWAGE PUMPS - 2 NOS. IN ONE SET (1W+1S)	8 CUM/HR	12 METER
2.	AIR BLOWER - 2 NOS. IN ONE SET (1W+1S)	180 CUM/HR	
3.	SLUDGE DISPOSAL PUMPS - 2 NOS. IN ONE SET (1W+1S)	6 CUM/HR	10 METER
4.	SCREW PUMPS - 2 NOS. IN ONE SET (1W+1S)	1 CUM/HR	35 METER
5.	FILTER FEED PUMPS - 2 NOS. IN ONE SET (1W+1S)	12 CUM/HR	30 METER
6.	IRRIGATION WATER TRANSFER PUMPS - 2 NOS. IN ONE SET (1W+1S)	12 CUM/HR	30 METER
7.	HYDROPNEUMATIC WATER SUPPLY PUMPING SYSTEM - 2 NOS. IN ONE SET (1W+1S)	NOT IN THE PRESENT SCOPE OF STP CONTRACTOR	
8.	DEWATERING PUMPS - 2 NOS. IN ONE SET	4 LPS	14 METER
9.	OZONATOR - 1 SET	60 GRAMS/HR	
10.	FILTER PRESS - 1 SET (24 X 24 INCH - 23 PLATES)		
FILTER DETAILS:			
1.	MULTIGRADE FILTER - 1 SET FLOW RATE - 12 CUM/HR AT 16 HRS. OPERATION FOR 190 KLD CAP.	10000	
2.	ACTIVATED CARBON FILTER - 1 SET FLOW RATE - 12 CUM/HR AT 16 HRS. OPERATION FOR 190 KLD CAP.	10000	

project
GOLF CITY
PLOT NO. GH-11, SECTOR - 75, NOIDA

title
SCHEMATIC FLOW DIAGRAM
SEWAGE TREATMENT PLANT 190 KLD

drg. no.
GC / PLOT11 / STP-01

date
12/06/2015

scale
N.T.S.

released for
TENDER

drawn by
SHIKHA KALRA

ckd by
ANAND HAVELIA

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) 2593500 (30 Lines)
Lko. Office : R 006, Rohtas Plumeria, Gomti Nagar, Lucknow, Tel : (0522) 6515455
e mail : mail@cespl.in, website : www.cespl.in