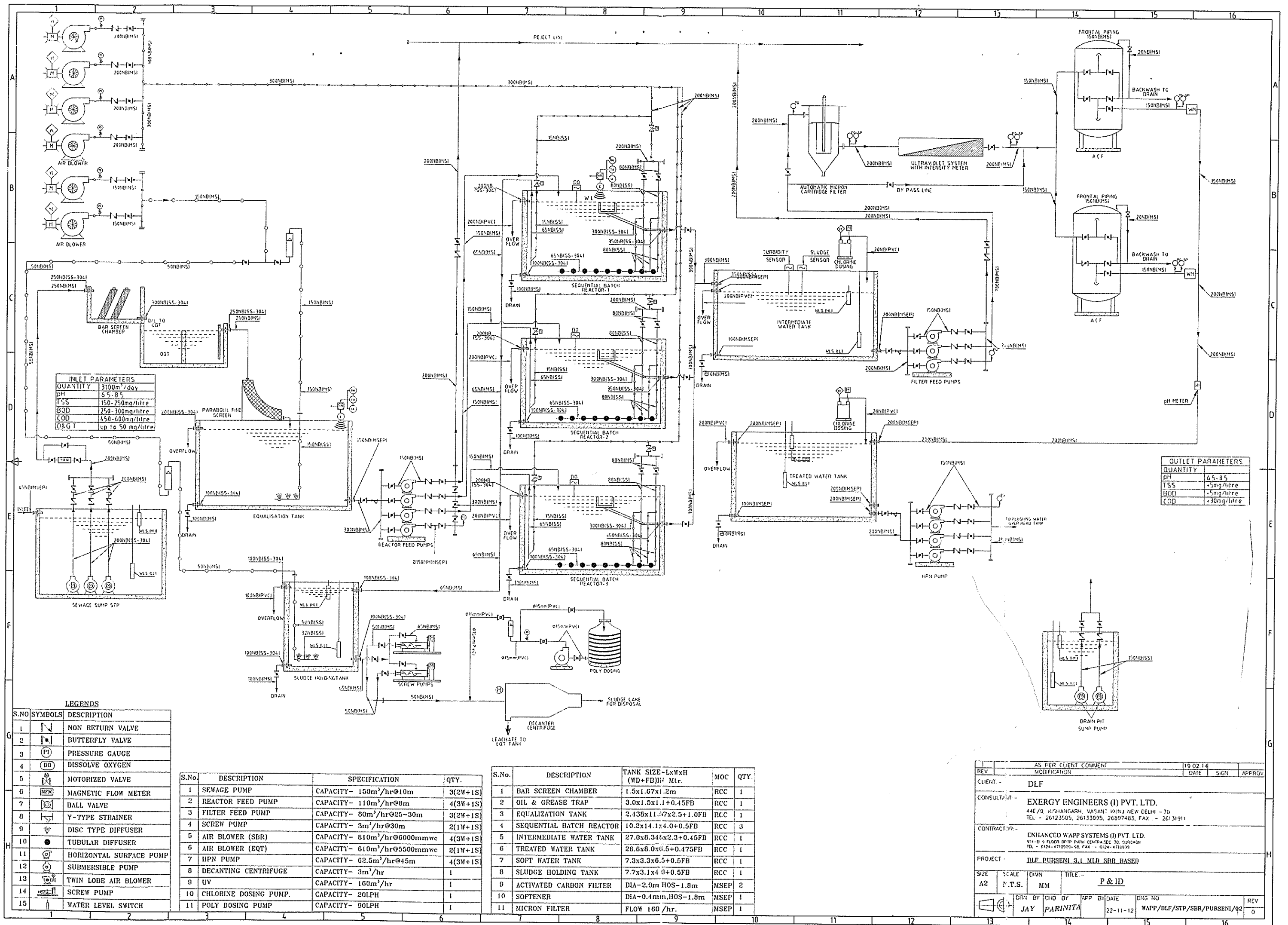




INLET PARAMETERS

QUANTITY	3100m ³ /day
pH	6.5-8.5
TSS	150-250mg/litre
BOD	250-300mg/litre
COD	450-600mg/litre
O&G T	up to 50 mg/litre

OUTLET PARAMETERS

QUANTITY	
pH	6.5-8.5
TSS	<5mg/litre
BOD	<5mg/litre
COD	<30mg/litre

LEGENDS

S.NO	SYMBOLS	DESCRIPTION
1	[Symbol]	NON RETURN VALVE
2	[Symbol]	BUTTERFLY VALVE
3	[Symbol]	PRESSURE GAUGE
4	[Symbol]	DISSOLVE OXYGEN
5	[Symbol]	MOTORIZED VALVE
6	[Symbol]	MAGNETIC FLOW METER
7	[Symbol]	BALL VALVE
8	[Symbol]	Y-TYPE STRAINER
9	[Symbol]	DISC TYPE DIFFUSER
10	[Symbol]	TUBULAR DIFFUSER
11	[Symbol]	HORIZONTAL SURFACE PUMP
12	[Symbol]	SUBMERSIBLE PUMP
13	[Symbol]	TWIN LOBE AIR BLOWER
14	[Symbol]	SCREW PUMP
15	[Symbol]	WATER LEVEL SWITCH

S.No.	DESCRIPTION	SPECIFICATION	QTY.
1	SEWAGE PUMP	CAPACITY- 150m ³ /hr@10m	3(2W+1S)
2	REACTOR FEED PUMP	CAPACITY- 110m ³ /hr@8m	4(3W+1S)
3	FILTER FEED PUMP	CAPACITY- 80m ³ /hr@25-30m	3(2W+1S)
4	SCREW PUMP	CAPACITY- 3m ³ /hr@30m	2(1W+1S)
5	AIR BLOWER (SBR)	CAPACITY- 810m ³ /hr@6000mmwc	4(3W+1S)
6	AIR BLOWER (EQT)	CAPACITY- 610m ³ /hr@5500mmwc	2(1W+1S)
7	HPN PUMP	CAPACITY- 62.5m ³ /hr@45m	4(3W+1S)
8	DECANTING CENTRIFUGE	CAPACITY- 3m ³ /hr	1
9	UV	CAPACITY- 160m ³ /hr	1
10	CHLORINE DOSING PUMP	CAPACITY- 20LPH	1
11	POLY DOSING PUMP	CAPACITY- 90LPH	1

S.No.	DESCRIPTION	TANK SIZE-LxWxH (WD+FB)IN Mtr.	MOC	QTY.
1	BAR SCREEN CHAMBER	1.5x1.67x1.2m	RCC	1
2	OIL & GREASE TRAP	3.0x1.5x1.1+0.45FB	RCC	1
3	EQUALIZATION TANK	2.438x11.47x2.5+1.0FB	RCC	1
4	SEQUENTIAL BATCH REACTOR	10.2x14.1x4.0+0.5FB	RCC	3
5	INTERMEDIATE WATER TANK	27.0x8.34x2.3+0.45FB	RCC	1
6	TREATED WATER TANK	26.6x8.0x4.5+0.475FB	RCC	1
7	SOFT WATER TANK	7.3x3.3x0.5+0.5FB	RCC	1
8	SLUDGE HOLDING TANK	7.7x3.1x4.0+0.5FB	RCC	1
9	ACTIVATED CARBON FILTER	DIA-2.9m HOS-1.8m	MSEP	2
10	SOFTENER	DIA-0.4m HOS-1.8m	MSEP	1
11	MICRON FILTER	FLOW 160 /hr.	MSEP	1

AS PER CLIENT COMMENT		19.02.14		
REV	MODIFICATION	DATE	SIGN	APPROV
CLIENT - DLF				
CONSULTANT - EXERGY ENGINEERS (I) PVT. LTD. 44E/9, KUSHANGARH, VASANT KUNJ NEW DELHI - 70 TEL - 26123505, 26133995, 26897483, FAX - 26131911				
CONTRACTOR - ENHANCED WAPP SYSTEMS (I) PVT. LTD. 914-B 9 FLOOR EPIP PARK CENTRA SEC 30, SURGAON TEL - 0124-4710300-30, FAX - 0124-4710303				
PROJECT - DLF PURSINI 3.1 MLD SBR BASED				
SIZE	SCALE	OWN	TITLE	
A2	N.T.S.	MM	P & ID	
DRN BY	CHK BY	APP BY	DATE	DRG NO
JAY	PARINITA		22-11-12	WAPP/DFL/STP/SBR/PURSINI/02
				REV
				0