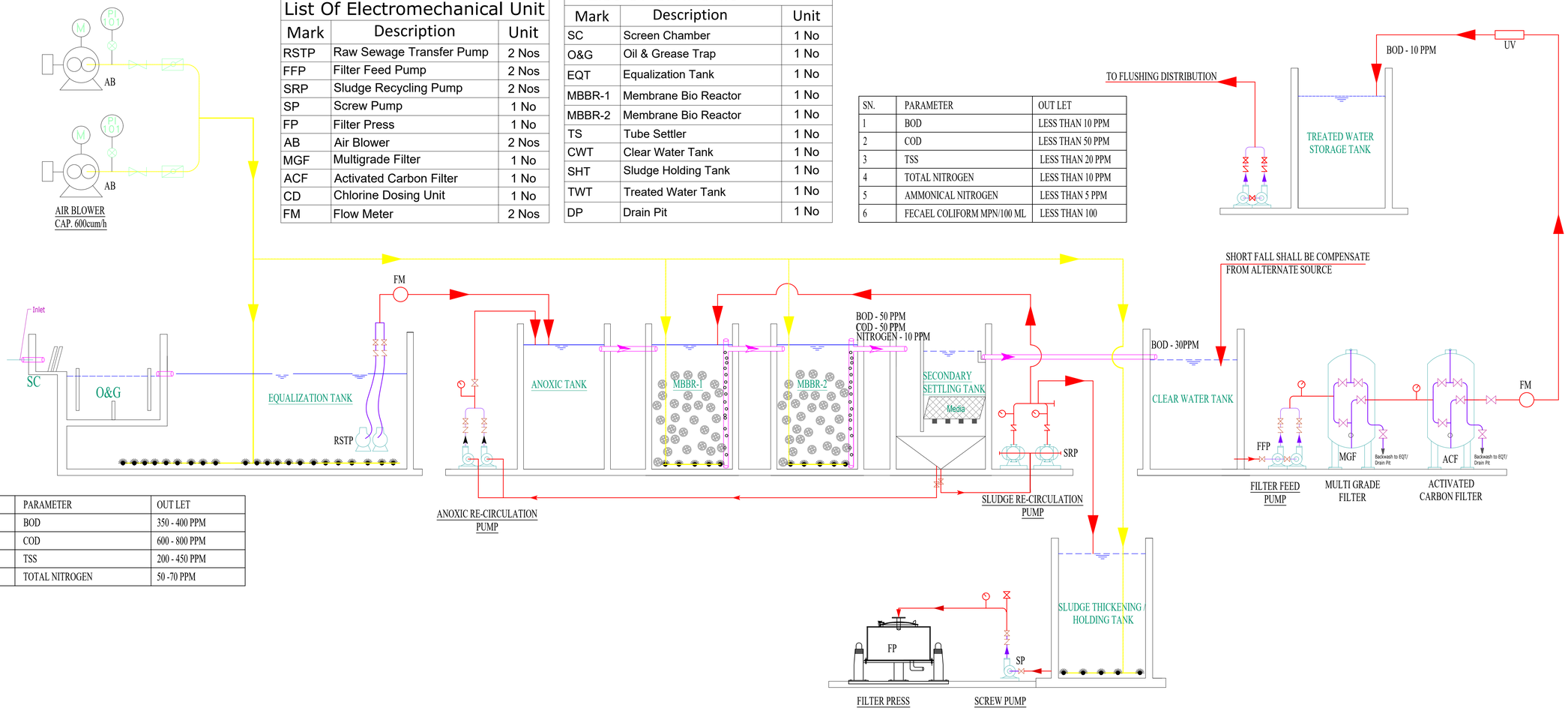
List Of Electromechanical Unit

Mark	Description	Unit
RSTP	Raw Sewage Transfer Pump	2 Nos
FFP	Filter Feed Pump	2 Nos
SRP	Sludge Recycling Pump	2 Nos
SP	Screw Pump	1 No
FP	Filter Press	1 No
AB	Air Blower	2 Nos
MGF	Multigrade Filter	1 No
ACF	Activated Carbon Filter	1 No
CD	Chlorine Dosing Unit	1 No
FM	Flow Meter	2 Nos

List Of Civil Unit

Mark	Description	Unit
SC	Screen Chamber	1 No
O&G	Oil & Grease Trap	1 No
EQT	Equalization Tank	1 No
MBBR-1	Membrane Bio Reactor	1 No
MBBR-2	Membrane Bio Reactor	1 No
TS	Tube Settler	1 No
CWT	Clear Water Tank	1 No
SHT	Sludge Holding Tank	1 No
TWT	Treated Water Tank	1 No
DP	Drain Pit	1 No

SN.	PARAMETER	OUT LET
1	BOD	LESS THAN 10 PPM
2	COD	LESS THAN 50 PPM
3	TSS	LESS THAN 20 PPM
4	TOTAL NITROGEN	LESS THAN 10 PPM
5	AMMONICAL NITROGEN	LESS THAN 5 PPM
6	FECAEL COLIFORM MPN/100 ML	LESS THAN 100



SN.	PARAMETER	OUT LET
1	BOD	350 - 400 PPM
2	COD	600 - 800 PPM
3	TSS	200 - 450 PPM
4	TOTAL NITROGEN	50 -70 PPM

SCHEMATIC FLOW DIAGRAM OF SEWAGE TREATMENT PLANT OF CAP. 575 KLD ON MBBR

REV. NO.	DATE	DESCRIPTION

PROJECT
PROPOSED COMMERCIAL
AT GREATER NOIDA WEST

CLIENT :-
Cavitesh

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DRAWING TITLE
STP
SCHEMATIC DIAGRAM

DRWN: JS	DATE: 24.01.2023	☑ CONCEPTUAL DRAWING	
CHKD: M.S	SCALE: N.T.S.	☐ WORKING DRAWING	
APPD: S.G.	SHEET: A1	☐ TENDER DRAWING	
DRG. No: PC-CVTH-STP-SCH-700		☐ GOOD FOR CONSTRUCTION	
		REV. No: R0	