

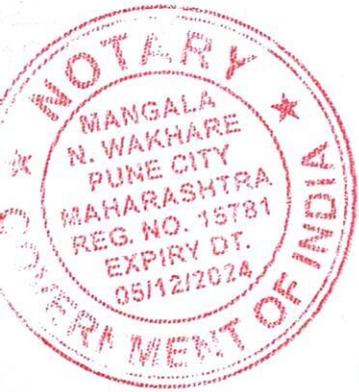
**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
WESTERN ZONE BENCH, PUNE**

**ORIGINAL APPLICATION NO. 02/2020 (WZ)
I.A. No. 75/2021(WZ) & I.A. 204/2023 (WZ)**

Vaibhav Tapkir & Anr. Applicant

Versus

Ms. Tanish Associates & Ors.. ...Respondents



**AFFIDAVIT IN REPLY FOR AND ON BEHALF OF
MAHARASHTRA POLLUTION CONTROL BOARD i.e.
RESPONDENT NO. 2.**

I, Vidyasagar Killedar, aged about 49 years, occupation – Service, the Sub-Regional Officer of the Maharashtra Pollution Control Board at Pune-II having office at 2nd Floor, Jog Centre, Wakdewadi, Pune – 411 003, do hereby state on solemn affirmation as under :-

- (1) I have perused the papers and proceedings in the above matter. I am conversant with the facts of the case and am able to depose the same. I am filing the said Affidavit in Reply in compliance of the Order dated 26/09/2023 by this Hon'ble NGT in I.A. No.204/2023.
- (2) I say and submit that the Hon'ble NGT in its Order dtd.26/9/2023 taken on record the 2nd Joint Committee Report, wherein, at Page No.130 of the Paper Book, there is an

observation at Point No.2.5 in which it is recorded that *“the STP which has been provided by Respondent No. 1 -Project Proponent to handle the sewage generated from the buildings from all three plots is not operational because of power supply cuts off and the same was not approachable due to bushes and plants over there. The Tanish Srushti Co-Operative Housing Society is not paying any proper attention for its maintenance, because of which all untreated sewage is being allowed to be discharged in the nearby drain, which meets the River Indrayani, which is getting polluted heavily.”* The Hon’ble NGT directed the MPCB to take necessary steps in this regard forthwith and file an affidavit.

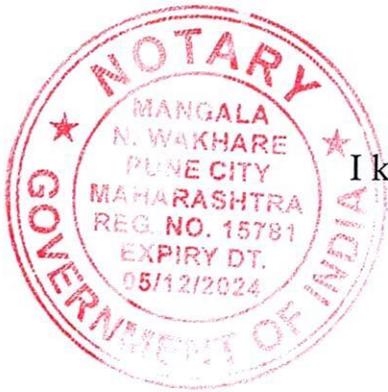
- (3) I say and submit that in compliance of the Order dtd.26/9/2023 passed by the Hon’ble NGT and in order to verify the present status, the Officials of Respondent Maharashtra Pollution Control Board (MPCB) at Pune visited to the project site of Respondent No.1-M/s.Tanish Associates namely “Tanish Shrushti” at Gat No.498/1, 504, 498/3, Village:Charholi (Kh.) Tal: Khed, District: Pune on 12/10/2023 and observed as under :-
- i. Respondent No. 1 -Project Proponent has cleaned the area near STP & now STP area is approachable.
 - ii. During visit, it is observed that Respondent No. 1 -Project Proponent has installed STP of capacity 480 CMD based on MBBR technology.
 - iii. All units of STP found in operation. Respondent No. 1 -Project Proponent has installed UV system for disinfection purpose.



- iv. Respondent No. 1-Project Proponent has provided separate tanks for recycling of treated domestic effluent.
- v. During visit, it has been observed that Respondent No.1-PP has provided RCC water tank for drinking water purpose and fire system and HDPE plastic/syntex tanks for toilet flushing purpose on the terrace of the building.
- vi. During visit, STP found in operation.
- vii. Treated domestic effluent used for toilet flushing and remaining for gardening purpose.
- viii. During visit no untreated sewage found discharged into nalla. A copy of visit report along with photographs are collectively attached as **Annexure 'I'**.



Solemnly affirmed on this **18 OCT 2023** day of October, 2023 at Pune.



I know the affiant

For and on behalf of Maharashtra
Pollution Control Board i.e.
Respondent Nos. 2.

ADVOCATE

Billedar
18/10/2023

(Vidyasagar Killedar)
Sub-Regional Officer,
MPCB Pune -II

BEFORE ME

Mangala N. Wakhare
MANGALA N. WAKHARE
ADVOCATE & NOTARY
GOVERNMENT OF INDIA

18 OCT 2023



MAHARASHTRA POLLUTION CONTROL BOARD

SUB-REGIONAL OFFICE – Pune II.

Phone No. 020-2581 1698
 Fax No. 020-2581 1029
 Email ID – sropune2@mpcb.gov.in



Jog Center 2nd floor,
 Wakdedwadi, Pune -Mumbai
 Road, Pune- 411003.

-: Visit Report :-

1) Name & address : M/s. Tanish Associates (Tanish Shrushti)
 Gat No. 498/1, 504, 498/2/3,
 Village Charholi (Kh.) Tal. Khed, Dist. Pune

2) Date of Visit : 12/10/2023

3) Contact Person (Tel/Mob) : Shri. Raju Mehta (Partner)
 Mb. No. 9822281555.

4) Consent Status : Not applied for C to E & O for STP Plant

5) Additional Information :

- With reference to the standing instructions of SRO, Pune-II, the undersigned visited above mentioned residential construction project to verify the present status of STP O & M as per the order passed by Hon'ble NGT in the matter O.A. No. 02/2020 (WZ).

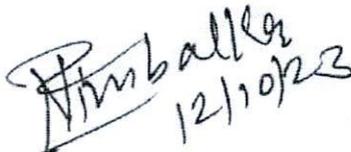
- Site is visited on 12/10/2023 (11.30 a.m.). During visit following observations are made :-

1. Project proponent has cleaned area near STP plant & now STP plant area is approachable (Photographs are taken).
2. During visit, it is observed that Project proponent has installed STP plant of capacity 480 CMD based on MBBR technology.
3. All the units of STP plant found in operation. Project Proponent has installed UV system for disinfection purpose. (Photographs are taken)
4. Project proponent has provided separate tanks for recycling of treated domestic effluent.
5. Visit has been caused at terrace of building and found that Project Proponent has provided RCC water tank for drinking water purpose and fire system and HDPE plastic / syntex tanks for toilet flushing purpose. (Photographs are taken)



6. Project proponent has submitted copy of dual plumbing layout. (copy attached herewith).
7. During visit, STP plant found in operation.
8. Treated domestic effluent used for toilet flushing and remaining used for gardening purpose.
9. During visit, no untreated sewage found discharged into nalla.


Shri. Raju Mehta
(Partner)
12/10/23


(Rahul Nimbalkar)
Field Office,
Sub-Regional Office, Pune-II

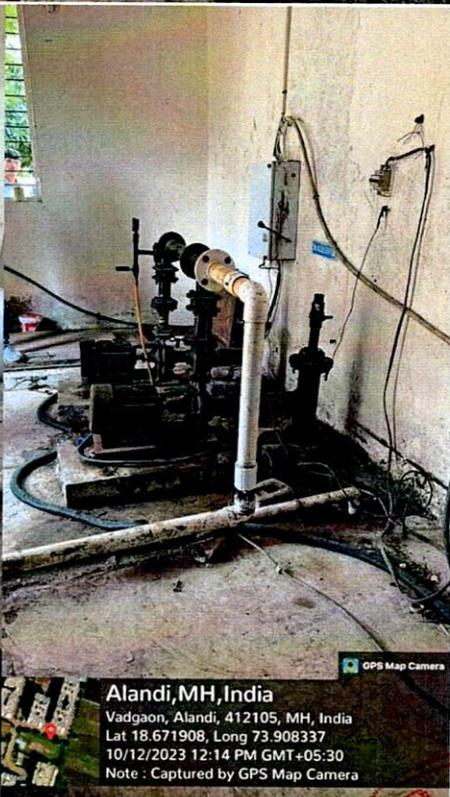
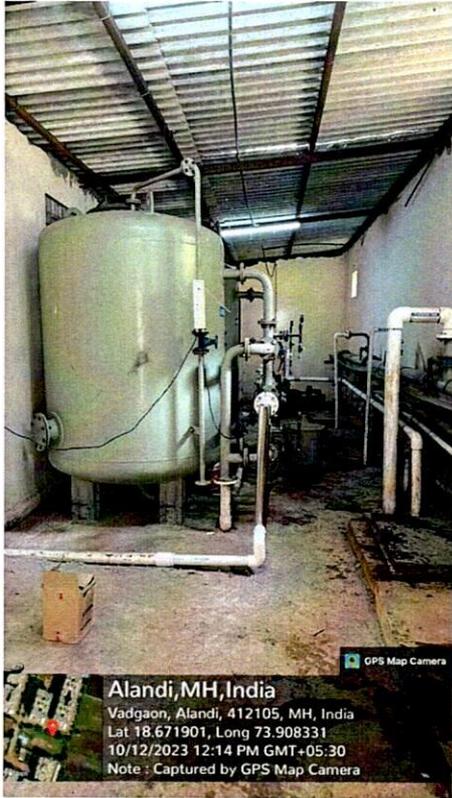




Cleaned area near STP

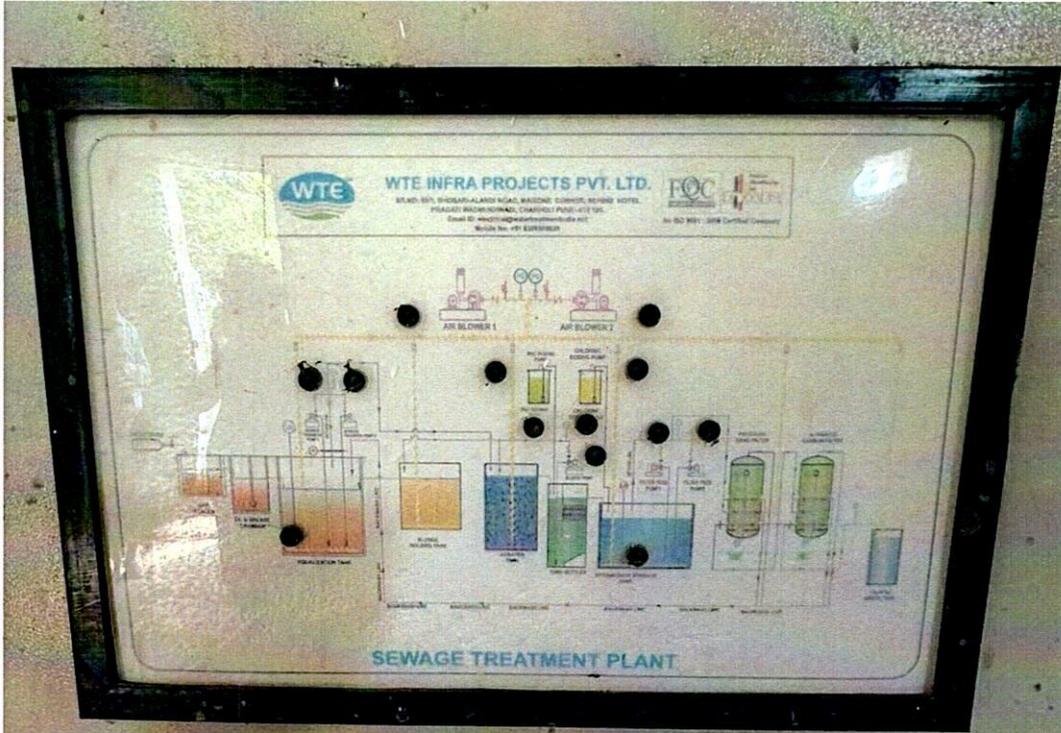


NOTARY



UV system for disinfection



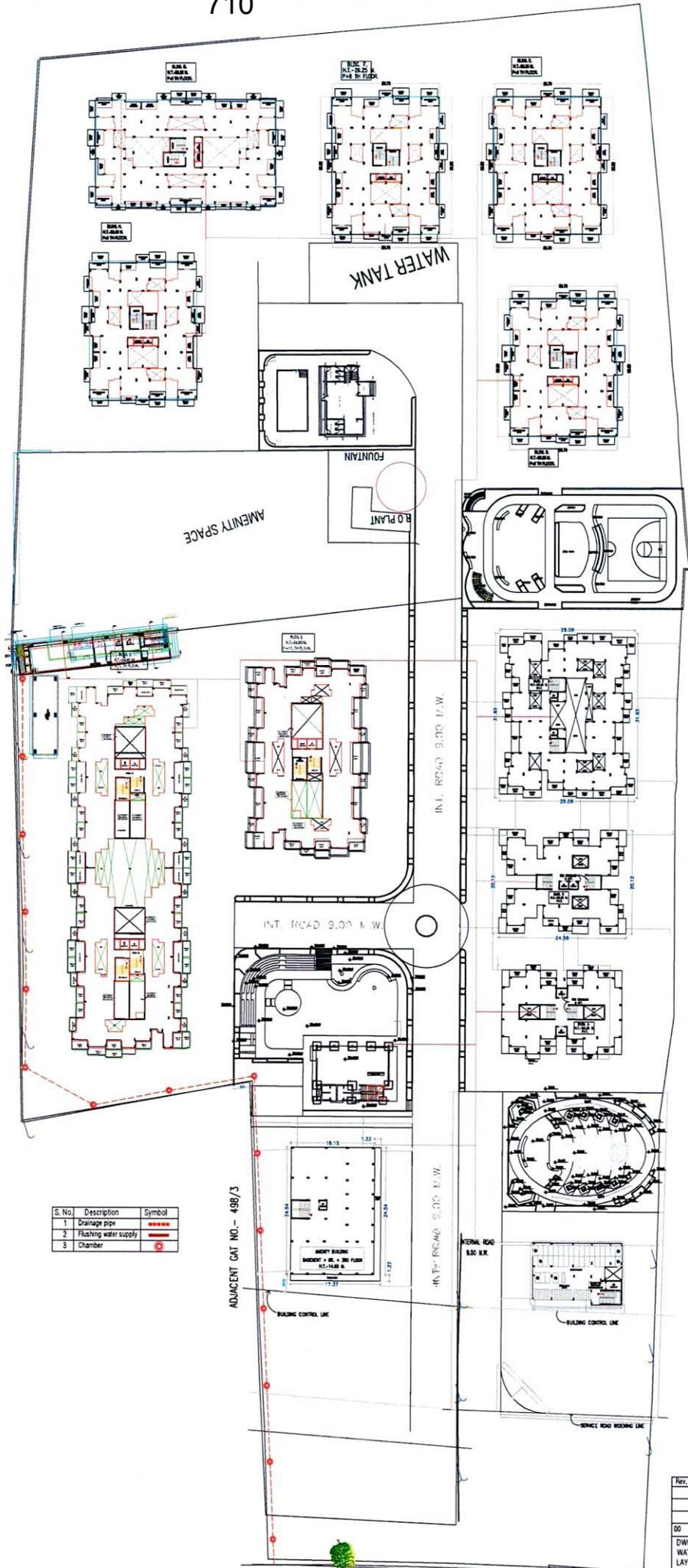


MAHARASHTRA
N. W. WARE
PURE CITY
MAHARASHTRA
REG. NO. 15781
EXPIRY DT.
05/12/2024
GOVERNMENT OF INDIA



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Treated water storage tanks

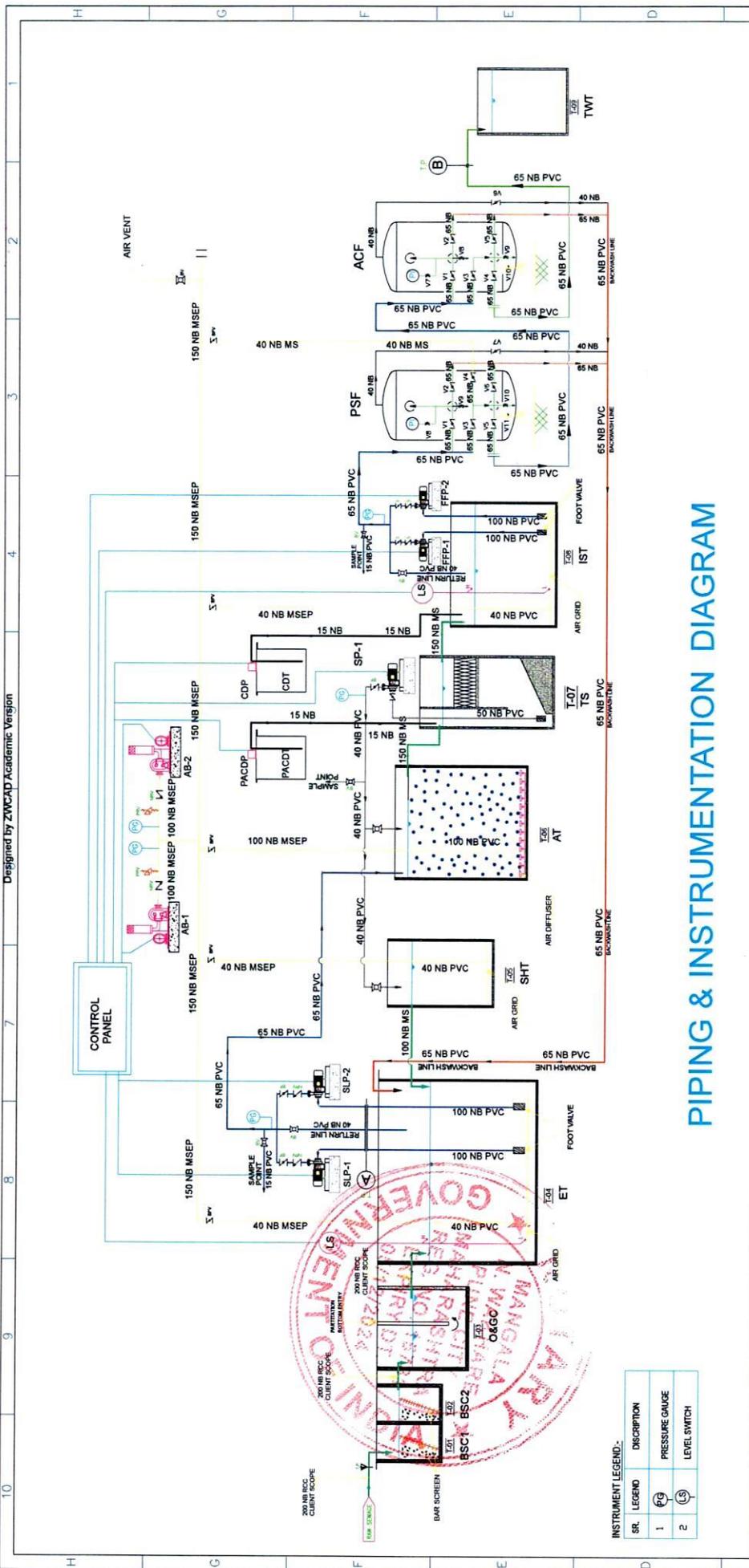


S.No.	Description	Symbol
1	Drainage pipe	-----
2	Flushing water supply	-----
3	Chamber	○

Rev.	Date	Details
00	17.05.16	For Approval

DWG. NAME - PROPOSE FLUSHING WATER SUPPLY & STP OVER FLOW LAYOUT
 PROJECT - TANISH SHRUSHTI
 PROJECT BY - TANISH





PIPING & INSTRUMENTATION DIAGRAM

INSTRUMENT LEGEND:-

SR.	LEGEND	DESCRIPTION
1		PRESSURE GAUGE
2		LEVEL SWITCH

UNIT DETAILS :-

SR NO	DESCRIPTION	SIZE CAPACITY	NOS OFF	TAG NO.	MOC	MAKE
1	Bar Screen	-	2	BS	MSEP	WTE
2	Sewage Lifting Pump	24 m ³ /hr @ 10 m head	2 (1W+1S)	SLP	CI	Krifoskar / WLO/ CRU/ Equiv
3	Air Blower	500 m ³ /hr @ 0.4 kg/cm ²	2 (1W+1S)	AB	CI	Everest/ KPT / IREquiv.
4	Air Grid	-	1 Lot	-	PVC Sch 40	Everest/ KPT / IREquiv.
5	Diffuser membranes	-	1 Lot	-	EPDM	Everest/ KPT / IREquiv.
6	Media For Bioreactor	-	1 Lot	MBBR	PP	Cool Jack/Manvoulous / Equiv.
7	Tube Media	-	1 Lot	-	PVC	Cool Jack/ Manvoulous / Equiv.
8	Sludge Pump	8 m ³ /hr @ 10 m head	1 (1W)	SP	CI	Krifoskar / WLO/ CRU/ Equiv
9	PAC Dosing Tank	CAP:- 100 LTRS.	1	PACDT	LDPE	WTE
10	PAC Dosing Pump	0-5 LPH @ 2 kg/cm ²	1 (1W)	PACDP	PP	E-dose / Minimax / Equiv.
11	Filter Feed Pump	24 m ³ /hr @ 28 m head	2 (1W+1S)	FFP	CI	Krifoskar / WLO/ CRU/ Equiv
12	Pressure Sand Filter	1400 DIA X 1500 HOS mm	1	PSF	MSEP	WTE
13	Activated carbon Filter	1400 DIA X 1500 HOS mm	1	ACF	MSEP	WTE
14	Chlorine Dosing Tank	CAP:- 60 ltr	1	CDT	LDPE	WTE
15	Chlorine Dosing Pump	0-5 LPH @ 4 kg/cm ²	1 (1W)	CDP	PP	E-dose / Minimax/ Victor/ Equiv.

VALVE LEGEND:-

NO	LEGEND MARK	DISCRPTION
01	N	BF BUTTERFLY VALVE
02	N	NRV NON RETURN VALVE
03	B	BV BALL VALVE
04	R	PRV PRESSURE RELIF VALVE

DESIGN BASIS :-

- Nature of Waste Water : SEWAGE
- Flow : 480 m³/day
- Operating Period : 20-22 hrs/day

RAW SEWAGE PARAMETER (At the inlet of Collection tank) :-

- pH : 7.0-8.5
- COD : ≤ 400 mg/lit
- BOD(3 days @ 27 °C) : ≤ 300 mg/lit
- Suspended Solids : ≤ 200-300 mg/lit
- Oil & Grease : ≤ 10-20 mg/lit

TREATED WATER PARAMETER (After tertiary Filtration system) :-

- pH : 6.5-7.5
- COD : ≤ 60 mg/lit
- BOD(3 days @ 27 °C) : ≤ 20 mg/lit
- Suspended Solids : ≤ 10 mg/lit
- Oil & Grease : ≤ 05 mg/lit

COLOUR LEGEND :-

SR NO.	COLOUR CODE	DESCRIPTION
01		PROCESS LINE
02		RAW WASTE WATER
03		TREATED LINE
04		DRINK LETCHATE
05		BACKWASH LINE
06		DOSING LINE
07		GRAVITY LINE

REV	DESCRIPTION	DRWEN BY	PROJECT ENGR.	CHKD BY	APPRO. BY	UB

CLIENT : M/s. TANISH ASSOCIATES.
 PROJECT : SEWAGE TREATMENT PLANT
 SITE : Tanish Shrushti - Alandi
 CAPACITY : 480 KLD
 TITLE : P&ID DWG

WTE INFRA PROJECTS PVT. LTD.
 WTE Infra Projects Pvt. Ltd.
 SR NO 804, BHOGSARI, ALANDI ROAD,
 MAGZINE CORNER, WADKINHAWRI,
 BEHIND HOTEL PRAGATI,
 CHARGOLI, PUNE, 412 005
 WEB SITE : www.wateinfra.com
 www.wateinfra.com@gmail.com

FOC INFRA
 FOC Infra Pvt. Ltd.
 An ISO 9001:2008 Certified
 PROJECT NO : 02478
 SCALE : NTS
 DATE : 06/06/19
 FILE NAME : DESIGNS 2016
 JOB NO :
 DRAWING NO : WTE-02478-5TP-01A
 REV : 01