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7.1.3. Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (2021-22)

1. **Solid waste management-Yes**
2. **Liquid waste management - Yes**
3. **E-waste management - Yes**
4. **Waste recycling system - Yes**
5. **Hazardous chemicals and radioactive waste management - Yes**

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VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY CHEMBUR, MUMBAI-400 074 INDIA

At VESIT, students and staff are encouraged to follow waste management practices.

1. **Solid waste management:** VESIT has taken a great step towards Waste management by installing a Composting Plant where all the organic waste produced in canteen and gardening waste is converted to good quality manure which is used for in-house gardening. Also, waste management related activities conducted by SoRT VESIT (Report is attached herewith)
2. **Liquid waste management**Liquid waste is any form of liquid residue that is hazardous for people or the environment. It includes waste generated by washrooms, regular cleaning and mopping. VESIT has set up Sewage Treatment Plant (STP) for waste management.
3. E-waste Scrapping: Used electronics which are destined for reuse, resale, salvage, recycling, or disposal are also considered e-waste. In VESIT Nonfunctional computers, monitors and printers are discarded on a systematic basis. E waste is collected on a regular basis by scrap dealers. Latest proofs (Since 2022) for e-scraping are attached herewith.
4. **Organic wastes** are recycled using composting plant and good quality manure is used for gardening
5. **Hazardous chemicals and radioactive waste management:**Chemistry is a course introduced for first year students and conduction of chemistry labs results in usage of hazardous chemical like ammonia and other strong acids. These chemicals may have hazardous impact on environment and human health. Disposing such chemicals in wash basin is a general practice and may result in suffocation and impact on human health.

Thus, VESIT chemistry labs are equipped with chemical hood. Chemical fume hoods are intended to remove vapors, gases and dusts of toxic, flammable, corrosive or otherwise dangerous materials. They are one of the most important engineering controls in a lab.

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- Compost pit document

1. (SELF-DECLARATION FORM IN RESPECT OF INSTALLING COMPOSIT PIT/COMPOSING MACHINE/BIO-METHANISATION SYSTEM FOR PROCESSING OF WET WASTE GENERATED AT SITE)

(TO BE FILLED BY BUILDER/DEVELOPER)

From: Vivekanand Education Society,
Chembur.

SUB. : Installation of COMPOSTING PIT/COMPOSING MACHINE/BIO-METHANISATION SYSTEM/any scientific method for wet waste processing at project site. Vermicultural Bin for extension Building No.1 for College Of Architecture and VES I.T. at Plot CTS No.2(pt.), 495(pt.), & 497 (pt.) of Village Wadhavli behind Collector's Colony, Chembur.

With reference to above subject, I, the undersigned Shri Asrani Amarlal .T , Hon.Secretary Of VES.

The Education Trust having office at Plot CTS No.128 A of Village Chembur and declare hereon solemn oath for installation of Composing Pit scientific method which converts wet organic compost for processing as wet waste generated at the above stated project site now as well as after it is occupied.

I state that -

1.	The brief description of the project is : Proposed extension to existing building No.1 of VES I.T. and construction of College of Architecture.	
2.	The details of the building constructed at site are as follows:	
a.	Address with CTS No.	2(pt.), 495(pt.) & 497(pt.) of Village Wadhavli.
b.	No.of Buildings constructed on site:	1 No. with 2 nos. extension wings.
c.	No.of Flats [household]	Each wing: Stilt + 7 upper floors.
d.	No. of Commercial establishment :	Nil.
e.	Total Plot Area :	19667.7 M2

3. As per the conditions stated in the IOD under section C, General Conditions to be complied before OC, about the wet waste processing system , I, hereby undertake to construct/install and operate forever vermin composting pit organic waste converter or any scientific treatment method which converts wet organic waste generated by the occupier/successor into organic compost.

4. The space/plot measuring 2.0 M.x 1.0 M. x 0.9 M.x 2 nos.(one for each wing) is reserved for wet waste processing system at above project site.

5. The space/plot allotted for construction/installation of wet waste processing as per details below:

a.	Composit pit	: Size 2.0 x 1.0 M. x 0.9 M.		
b.	Compost machine	: Make	:	N.A.
		Capacity	:	N.A.
c.	Bio gas processing	: Make	:	N.A.
		: Capacity	:	N.A.

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY
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Vivekanand Education Society's
Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

V.E.S.
Since 1962

- Sewage Treatment Plant (STP) Document:

Avion Environment
Pvt. Ltd.

CERTIFICATE

Ref. No.: AEPL/VES/001/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the **Sewage Treatment Plant (STP)** in the project of **M/s. Vivekananda Education Society's** located at RC Marg, Sindhi Society, Chembur East, Mumbai is completed in all respects. The STP comprising of advance technologies like Moving Bed Bioreactor (MBBR) followed by Secondary Settler with Tertiary Filtration system is commissioned & ready for operation. The STP capacity is of 200 m3/day for the above mentioned buildings which is sufficient for entire input quantity. The treated sewage water can now be reused for all secondary purpose or disposed off suitably.

M/s Avion Environment Pvt. Ltd.

Authorized Signatory

Place: Mumbai

Date: 30/01/2019

CIN No. : U74120MH2012PTC232958
Gala No. 36, Shanta Industrial Estate, I. B. Patel Road, Goregaon (East), Mumbai - 400 063, India
T : 022-6522 1100 / 8800, 022-2686 8885 / 61 W : www.avionrosystems.com | E : info@avionrosystems.com

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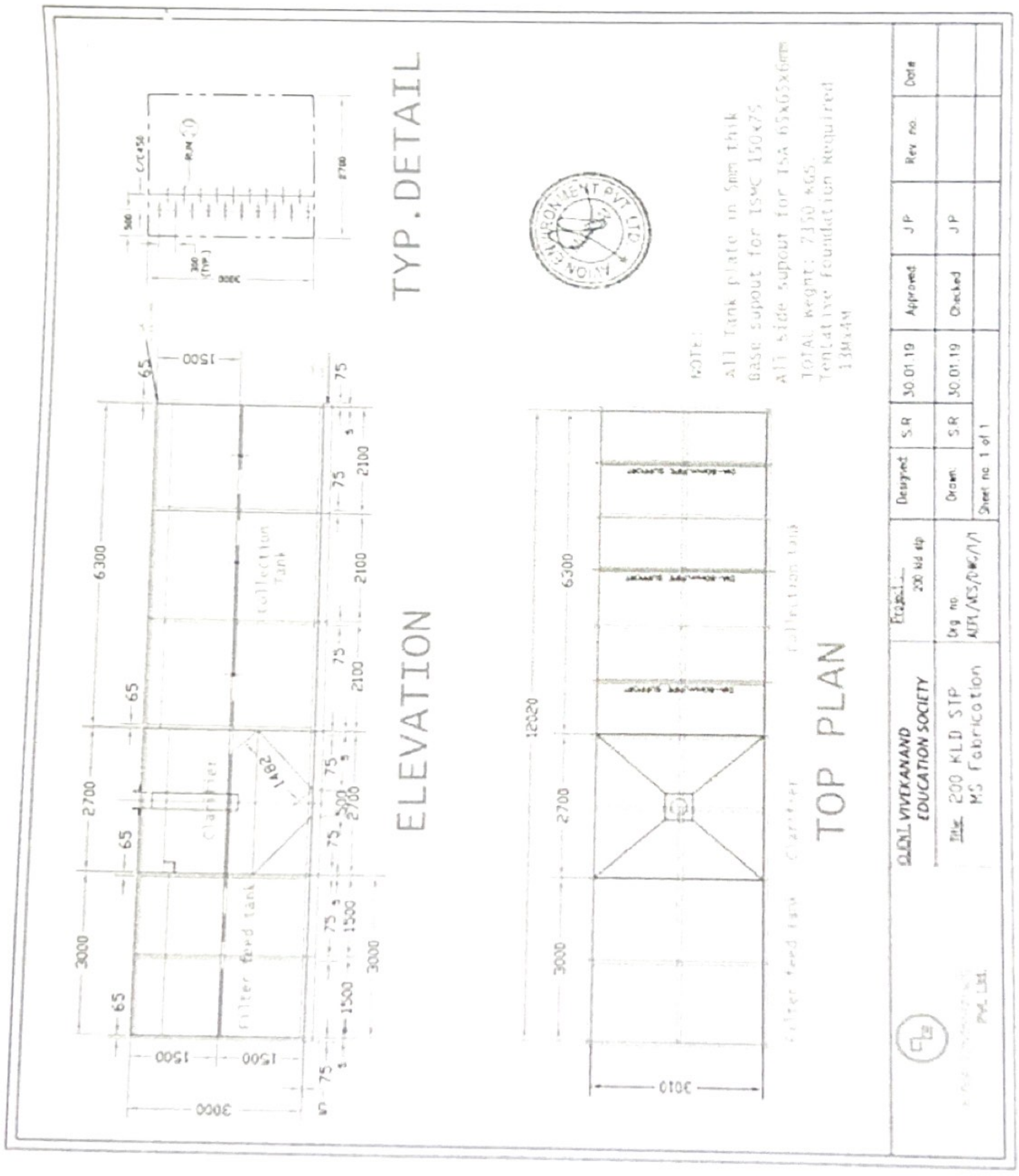
CHEMBUR, MUMBAI 400 074 INDIA


TYP. DETAIL
ELEVATION
TOP PLAN
Clarifier
Collection Tank
Filter feed tank
6300
2700
3000
12020
1500
2100
Designed
Drawn
Approved
Checked
Rev no.
Date
Sheet no 1 of 1

- Gate pass for E-scrap dealer

V.E.S. INSTITUTE OF TECHNOLOGY

Hashu Advani Memorial Complex, Collector Colony, R. C. Marg, Chembur, Mumbai - 400 074.

VES Since 1962

GATE PASS

No 1551

Date :

Please allow the bearer Mr. / ~~Mrs.~~

of M/s

with the following ~~Goods~~ / Equipments, which is ~~RETURNABLE~~ / NON-RETURNABLE.

PARTICULARS	QTY.	REMARK
1)		Tempo No. MH-03 CP-0668 MH-04 FP-6288
2)		
3)		
4)		
5)		

Goods / Equipments are being removed / ~~sent~~ on account of

Remarks

Signature of the issuer

Authorised by

Receiver's Signature

Name :

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY CHEMBUR, MUMBAI-400 074 INDIA

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