



PRAGNYA

Date: 29-12-2025

To

The Chairman,
Tamil Nadu Pollution Control Board,
No-76, Mount Road,
Guindy, Chennai-600 032

Sir,

Sub: Submission of six-monthly Environmental Clearance Compliance statement for December 2025 (for the period from April 2025 to September 2025) for "M/s. Pragnya South City Projects Pvt Ltd – Proposed Construction of Residential Building Phase 2 (Daffodils) at Eden Park Township, Siruseri Village, Vandalur Taluk, Chengalpattu District.

Ref: EC Identification No : EC24B038TN111056 File No : 9972 dated: 25/1/2024

We submit herewith the six-monthly Environmental Clearance Compliance statement for "M/s. Pragnya South City Projects Pvt Ltd – Proposed Construction of Residential Building Phase 2 (Daffodils) at Eden Park Township at S.F.Nos. 134/2A, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7, 138/1, 138/2B2, Siruseri Village, Vandalur Taluk, Chengalpattu District for December 2025 along with the supporting documents for your perusal.

Thanking you

Yours faithfully,

For M/s. Pragnya South City Projects Pvt Ltd
Authorized Signatory

Enclosed: Environment clearance compliance report December 2025 along with all Annexure's

Copy to:

1. The Director,
The Ministry of Environment and Forest & Climate Change,
Integrated Regional Office, 1st Floor, Additional Office Block for GPOA,
Shastri Bhawan, Haddows Road, Nungambakkam, Chennai – 600 006
2. The Director,
CPCB Zonal Office,
77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk,
Thiruvallur District, Chennai - 600058.
3. The Member Secretary,
State Level Environment Impact Assessment Authority,
9th Floor, CMRL Building, No. 32, Anna Salai, Nandanam, Chennai - 600 035

Pragnya South City Projects Pvt. Ltd. (Formerly L&T South City Projects Pvt. Ltd.)

Eden Park Township, M.R. Radha Main Road, Behind SIPCOT IT Park, Siruseri, Pudupakkam Village,

Chennai - 603 103, Tamil Nadu, INDIA | Tel : +91 44 6660 0666 | www.edenpark.net | CIN No. U70101TN2006PTC058866

SIX-MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

April 2025 to September 2025

For

**“Proposed Construction of Residential Building Phase 2 (Daffodils) at Eden Park
Township”**

EC Identification No : EC24B038TN111056

File No : 9972 dated: 25/1/24

at

**S.F.Nos. 134/2A, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7,
138/1, 138/2B2, Siruseri Village, Vandalur Taluk, Chengalpattu District**

Submitted by

M/s. Pragnya South City Projects Pvt Ltd



Prepared by

HECS

**ENVIRONMENTAL CONSULTANT
HUBERT ENVIRO CARE SYSTEMS (P) LTD**

CHENNAI 600032

December 2025

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1.0 PROJECT DETAILS

Name of the project	Proposed Construction of Residential Building Phase 2 (Daffodils) at Eden Park Township by M/s. Pragnya South City Projects Private Limited.														
S.F.Nos/Plot No	S.F.Nos. 134/2A, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7, 138/1 and 138/2B2														
Location	Siruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu														
EC.No	Letter No. SEIAA-TN/F.No.9972/EC/8(a)/1002/2024 dated: 10.01.2024 (Enclosed as Annexure 1)														
Proposed Built Up Area	48,487.64 Sq.m														
Greenbelt area	1240 Sq.m														
Area of Parking	11,863.35 Sq.m														
Power Requirement	Total Power Requirement – 2529 KW per day Power Backup – 1 No. of 500 KVA with stack height of 9m														
Water Requirement	Total water requirement- 203 KLD (From Siruseri Panchayat)														
Solid Waste Generation	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">S.No</th> <th style="text-align: center;">Type of waste</th> <th style="text-align: center;">Quantity Kg/day</th> <th style="text-align: center;">Disposal method</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Organic Waste</td> <td style="text-align: center;">415.8</td> <td>Organic Waste Converter</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Inorganic Waste</td> <td style="text-align: center;">277.2</td> <td>Authorized Recyclers</td> </tr> </tbody> </table>			S.No	Type of waste	Quantity Kg/day	Disposal method	1	Organic Waste	415.8	Organic Waste Converter	2	Inorganic Waste	277.2	Authorized Recyclers
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1	Organic Waste	415.8	Organic Waste Converter												
2	Inorganic Waste	277.2	Authorized Recyclers												
Project Cost	70.52 Crores														

2.0 SITE LOCATION MAP



3.0 SITE PHOTOGRAPH



4.0 SIX MONTHLY COMPLIANCE STATEMENT

ANNEXURE 'C'		
S.NO	CONDITIONS	COMPLIANCE
	Climate Change	
1	The proponent shall adopt strategies to decarbonize the building.	Condition noted
2	The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).	Condition noted.
3	The proponent shall adopt strategies to reduce temperature including the Building Façade.	Condition noted.
4	The proponent shall adopt methodology to control thermal environment and other shocks in the building.	Condition accepted and noted.
5	The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.	Condition will be complied.
6	The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.	Condition accepted and noted.
7	The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.	Condition accepted and noted.
8	The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.	Condition accepted and noted.
9	The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.	Condition accepted and noted.
	Health	
10	The proponent shall adopt strategies to maintain the health of the inhabitants.	Condition noted and will be complied.
	Energy	

11	The proponent shall adopt strategies to reduce electricity demand and consumption.	Condition noted and will be complied.
12	The proponent shall provide provisions for automated energy efficiency.	Condition noted. We will provide provisions for automated energy efficiency
13	The proponent shall provide provisions for controlled ventilation and lighting systems.	Condition noted. We will provide provisions for controlled ventilation and lighting systems.
14	The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.	Condition noted and will be complied. 1016.58 sq.m roof area is provided for solar panels.
15	All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.	Condition noted.
16	The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.	Condition noted and will be complied. 1 x 500 KVA with stack height of 9m DG set will be provided.
	Regulatory Frameworks	
17	The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001	Condition noted and will be complied.
18	The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended. Hazardous and Other Wastes (Management and Transboundary	Condition noted and will be complied.

	Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.	
19	The proponent shall provide elevator as per rules CMDA/DTCP.	Condition noted.
	Database maintenance & audits	
20	The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.	Condition noted and will be complied.
21	The proponent should maintain environmental audits to measure and mitigate environmental concerns.	Condition noted and will be complied.
	Biodiversity	
22	There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc..	Condition noted.
23	The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.	Condition noted.
24	The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.	Condition noted.
25	The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.	Condition noted.
26	The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.	Condition noted and will be complied.
27	The proponent shall adopt strategies to prevent bird hits.	Condition noted.
	Safety measures	
28	The proponent should develop an emergency response plan in addition to the disaster management plan.	Condition noted and will be complied.
29	The proponent shall develop detailed evacuation plan for disabled people and safety	Condition noted and will be

	evacuation plan in emergencies	complied.
30	All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.	Condition noted.
31	The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.	Condition noted and will be complied.
32	The proponent shall provide the emergency exit in the buildings.	Condition is being complied. Floor Plan layout is enclosed as annexure -15
33	The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.	Condition will be complied. Fire NOC is enclosed as annexure -2 Schematic Fire fighting diagram is enclosed as annexure -3
	Water/Sewage	
34	The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.	Condition noted and will be complied.
35	The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.	Condition will be complied.
36	The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.	Condition is being complied. Environmental monitoring report is enclosed as annexure-16
37	The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab NABL accredited laboratory and submit report to the concerned authorities.	Condition is being complied. Environmental monitoring report is enclosed as annexure- 16
38	The proponent shall ensure that provision should be given for proper utilization of recycled water.	Condition accepted and noted.
39	The project proponent shall adhere to storm	Condition will be complied.

	water management plan as committed.	Storm water layout is enclosed as annexure - 9
	Parking	
40	The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.	Condition will be complied. Parking layout is enclosed as annexure -5 Traffic layout is enclosed as annexure -6
	Solid waste Management	
41	The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.	Condition accepted and noted. We ensure that no form of municipal solid waste will be disposed outside the proposed project site at any time.
42	The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	Condition will be complied. Single use plastic is banned within the project premises.
	EMP	
43	The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.	Condition noted.
44	The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.	Condition noted. EMP Action plan details is enclosed as annexure - 17
45	The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.	Condition will be complied. We ensure the green belt plan is implemented as indicated in EMP. Greenbelt layout is enclosed as annexure -7
	Others	
46	As per the Polluter Pay Principle, the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.	Condition noted.

47	The project proponent shall adhere to height of the buildings as committed.	Condition noted.
Conditions imposed by SEAC:		
1	The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.	Condition noted and will be complied
2	STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.	Condition will be complied. STP will be installed on 10-year BOOT basis
3	The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.	Condition noted and will be complied. OSR layout is enclosed as annexure -14
4	Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.	Condition noted and will be complied.
5	Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).	Condition noted.. Single use plastic is banned within the project premises.
6	The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.	Condition noted and will be complied.
7	The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.	Condition will be complied. Greenbelt layout is enclosed as annexure -7
8	Project proponent should invest the CSR	Condition will be complied.

	amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.	
9	Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.	Condition noted.
10	Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.	Condition will be complied. We will provide the dual pipeline network in the project for utilization of treated water of STP for different purposes. Dual pipeline layout is enclosed as annexure -8
11	The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.	Condition will be complied.
12	The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.	Condition noted.
Standard Environmental Clearance Conditions prescribed by MoEF&CC:		
1. Statutory Compliance:		
1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Condition noted. DTCP planning permission letter is enclosed as annexure - 23
2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipment etc as per National Building Code including protection measures from lightning etc.	Condition noted. Structural safety certificate is enclosed as annexure - 20
3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable
4	The project proponent shall obtain clearance from the National Board for Wildlife, if	Not applicable

	applicable.	
5	The project proponent shall obtain Consent to Establish Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.	Condition will be complied.
6	The project proponent shall obtain the necessary permission for drawing of ground water/surface water required for the project from the competent authority.	Condition will be complied. Water approval copy is enclosed as annexure -11
7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Condition will be complied.
8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Condition will be complied. Fire NOC is enclosed as annexure - 2 and AAI NOC is enclosed as annexure 12.
9	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	Condition noted.
10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Condition noted.
2. Air quality monitoring and preservation:		
1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Condition noted.
2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Condition noted.
3	The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind	Condition is being complied. Air quality monitoring report is enclosed as annexure- 16

	directions during the construction period.	
4	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Condition will be complied.
5	Sand, murrum, loose soil, cement stored on site should be covered adequately so as to prevent dust pollution.	Condition noted and will be complied.
6	Wet jet shall be provided for grinding and stone cutting.	Condition noted.
7	Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.	Condition noted and will be complied.
8	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	Condition noted.
9	The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.	Condition is being complied. Air quality monitoring report is enclosed as annexure -16
10	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Condition will be complied. Acoustic enclosure will be provided to the DG sets to mitigate the noise pollution. Air quality monitoring report is enclosed as annexure -16
11.	For indoor air quality the ventilation provisions as per National Building Code of India.	Condition noted.

3. Water Quality Monitoring and Preservation:

1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.	Condition accepted and noted. Storm water layout is enclosed as annexure -9
2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Condition noted.
3	Total freshwater use shall not exceed the proposed requirement as provided in the project details.	Condition noted.
4	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).	Condition will be complied
5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Condition will be complied.
6	At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Condition noted.
7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Condition will be complied. Dual pipe plumbing is enclosed as annexure -8
8	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall	Condition will be complied. We will provide the water saving

	be incorporated in the building plan.	devices/ fixtures for water conservation
9	Use of water saving devices/ fixtures (viz. low flow flushing systems: use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Condition will be complied. We will provide the water saving devices/ fixtures for water conservation
10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Condition noted.
11	The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Condition will be provided. Rainwater harvesting recharge pits/storage tanks will be provided for ground water recharging as per the CGWB norms. Rain water harvesting layout is enclosed as annexure -4
12	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Condition noted. Rain water harvesting layout is enclosed as annexure -4
13	All recharges should be limited to shallow aquifer.	Condition noted.
14	No ground water shall be used during construction phase of the project.	Condition noted
15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Condition noted
16	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly	Condition noted and will be complied.

	Compliance Reports (HYCR).	
17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing. AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.	Condition will be complied
18	No sewage or untreated effluent water would be discharged through storm water drains.	Condition accepted and noted
19	Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Condition will be complied.
20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.	Condition will be complied.
21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Condition noted.
4. Noise Monitoring and Prevention:		
1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce standards by CPCB/SPCB.	Condition is being complied. Noise quality monitoring report is enclosed as annexure -16
2	Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer	Condition is being complied. Noise level survey will be carried

	of the Ministry as a part of Half Yearly Compliance Report (HYCR).	out as per the prescribed guidelines Noise quality monitoring report is enclosed as annexure -16
3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Condition will be complied. Acoustic enclosures will be provided to mitigate the noise pollution
5. Energy Conservation Measures:		
1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Condition noted.
2	Outdoor and common area lighting shall be LED.	Condition will be complied.
3	The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.	Condition will be complied. We will provide solar panels covering a minimum of 50% of terrace area
4	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Condition accepted and noted.
5	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Condition will be complied.
6	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.	Condition accepted and noted.
7	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water	Condition noted.

	demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	
6. Waste Management:		
1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Condition will be complied.
2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Condition accepted and noted.
3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Condition will be complied.
4	Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed.	Condition will be complied. Organic Waste Converter specification detail is enclosed as annexure -10
5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Condition will be complied.
6	Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Condition accepted and noted.
7	Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.	Condition accepted and noted.

8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.	Condition accepted and noted.
9	Any wastes from construction and demolition activities related thereto shall be managed to strictly conform to the Construction and Demolition Rules, 2016.	Condition noted.
10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Condition accepted and noted.
7. Green Cover:		
1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Condition accepted and noted.
2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Condition will be complied.
3	Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to, species (planted). Area for green belt development shall be provided as per the details provided in the project document.	Condition noted.
4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the	Condition noted

	proposed vegetation on site.	
5	A wide range of indigenous plant species should be planted as given in the Appendix-I in consultation with the Government Forest/Horticulture Departments and State Agriculture University.	Condition will be complied.
8. Transport:		
1	<p>A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <p>a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</p> <p>b. Traffic calming measures.</p> <p>c. Proper design of entry and exit points.</p> <p>d. Parking norms as per local regulation.</p>	<p>Condition will be complied.</p> <p>Traffic layout is enclosed as annexure -6</p> <p>Parking layout is enclosed as annexure -5</p>
2	Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Condition noted.
3	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	<p>Condition will be complied.</p> <p>Traffic layout is enclosed as annexure -6</p>

9. Human Health Issues:		
1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Condition will be complied.
2	For indoor air quality the ventilation provisions as per National Building Code of India.	Condition noted.
3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Condition noted.
4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Condition noted.
5	Occupational health surveillance of the workers shall be done on a regular basis.	Condition noted.
6	A First Aid Room shall be provided in the project both during construction and operations of the project.	Condition noted. Clinic also available in site premises.
10. Corporate Environment Responsibility:		
1	The PP shall complete the CER activities, as committed, before obtaining CTE.	Condition will be complied. CER action plan is enclosed as annexure -19
2	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation / violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake	Condition will be complied.

	holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR).	
3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Condition will be complied.
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).	Condition will be complied. EMP action plan is enclosed as annexure -17
11. Miscellaneous:		
1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Condition noted. Newspaper ads is enclosed as annexure - 20
2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.	Condition noted. Acknowledgement letter is enclosed as annexure - 22
3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Condition will be complied.
4	The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate	Condition will be complied.

	Change at environment clearance portal.	
5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Condition will be complied.
6	The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Condition accepted and noted.
7	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Condition accepted and noted.
8	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.	Condition accepted and noted.
9	No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).	Condition noted.
10	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Condition noted.
11	The Authority (SEIAA) may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Condition noted.
12	The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.	Condition noted.
13	The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Condition noted. We will give full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports
14	The above conditions shall be enforced, inter-alia under the provisions of the Water	Condition noted.

	(Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	
Part A Common conditions applicable for Pre-construction, Construction and Operational Phases:		
1	Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Condition noted. There is no any appeal against this environmental clearance
2	The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	Condition accepted and noted.
3	The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority /State Level Expert Appraisal Committee should be implemented in the letter and spirit.	Condition noted.
4	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State /Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	Condition will be complied. Fire NOC is enclosed as annexure -2 AAI NOC is enclosed as annexure - 12
5	The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.	Condition noted.

6	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	Condition accepted and noted
7	The environmental statement for each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	Condition will be complied.
8	The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data information / monitoring reports.	Condition noted. We will give full cooperation to the officer (s) of the Regional Office by furnishing the requisite data information / monitoring reports.
9	"Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	Condition noted.
10	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Condition noted. There is no any change in the scope of the project.
11	The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.	Condition noted.
12	The Environmental Clearance shall not be cited for relaxing the other applicable rules to	Condition noted.

	this project.	
13	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Condition noted.
14	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCCB. The criteria pollutant levels namely, PM10, PMS, SO2, NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	Condition will be complied. Air quality monitoring report is enclosed as annexure -16
15	The SEIAA, IN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.	Condition noted.
16	The Environmental Clearance does not imply that the other statutory administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.	Condition noted.
17	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	Condition noted.
18	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	Condition noted.
19	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue	Condition noted.

	maintenance.	
20	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	Condition noted.
21	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	Condition will be complied. EMP action plan is enclosed as annexure - 17
22	The Project Proponent has to provide adequate number of rain water harvesting pits to recover and reuse the rain water during rainy days as committed.	Condition will be complied. Rain water harvesting layout is enclosed as annexure -4
23	The project activity should not cause any disturbance & deterioration of the local bio diversity.	Condition noted.
24	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.	Condition noted.
25	All the assessed flora & fauna should be conserved and protected.	Condition noted.
26	The proponent should strictly comply with Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act. 1986.	Condition will be complied. Single use plastic is banned within the premises.
27	Necessary permission shall be obtained from the competent authority for the drawl /outsourcing of fresh water before obtaining consent from TNPCB.	Condition noted. Water approval copy is enclosed as annexure – 11
28	The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)	Condition will be complied.
29	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	Condition will be complied.

30	All the mitigation measures committed by the proponent for the flood management, Solid waste disposal. Sewage treatment & disposal etc., shall be followed strictly.	Condition will be complied.
31	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	Condition noted.
32	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	Condition will be complied. Traffic layout is enclosed as annexure -6
33	The safety measures proposed in the report should be strictly followed.	Condition noted.
34	The project proponent shall carryout CER activity as committed as per MoEF & CC O.M F.No.22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 before obtaining CTO from TNPCB.	Condition noted. CER Action plan is enclosed as annexure -18
Part - B-Specific Conditions - Pre construction phase:		
1	The project authorities should advertise with basic details at least in two newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	Condition noted. Newspaper ads is enclosed as annexure - 20
2	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Condition noted. There is no any change in the scope of the project
3	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	Condition noted. Acknowledgement letter is enclosed as annexure - 22
4	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake. adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning etc. before commencement of	Condition noted. Structural safety certificate is enclosed as annexure - 19

	the work.	
5	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Condition noted.
6	Design of buildings should be in conformity with the Seismic Zone Classifications.	Condition noted. Structural safety certificate is enclosed as annexure - 19
7	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	Condition accepted and noted.
8	No construction activity of any kind shall be taken up in the OSR area.	Condition accepted and noted.
9	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	Condition noted.
10	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	Not applicable
11	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	Condition noted and provided as per DTCP norms.
12	The project proponent shall ensure the entry of basement shall be above maximum flood level.	Not Applicable. No basement in the proposed structure.
13	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details i. Location of STP, compost system, underground sewer line. ii. Pipe Line conveying the treated effluent for green belt development. iii. Pipe Line conveying the treated effluent for toilet flushing iv. Water supply pipeline	Condition will be complied.

	<p>v. Gas supply pipe line, if proposed</p> <p>vi. Telephone cable</p> <p>vii. Power cable</p> <p>viii. Storm water drains, and</p> <p>ix. Rain water harvesting system, etc. and it shall be made available to the owners</p>	
14	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	<p>Condition noted.</p> <p>Clinic is available in our site premises.</p>
15	The present land use surrounding the project site shall not be disturbed at any point of time.	Condition noted.
16	The green belt area shall be planted with indigenous native trees.	Condition accepted and noted.
17	Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.	Condition noted.
18	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	Condition noted.
19	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	Not applicable
20	There should be Firefighting plan and all required safety plan.	Condition will be complied.
21	Regular fire drills should be held to create awareness among owners/ residents.	Condition will be complied.
Part-C-Specific Conditions - Construction phase:		
i)	<p>1. Construction Schedule:</p> <p>The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.</p>	Condition noted.
i)	<p>2. Labour Welfare:</p> <p>All the laborers to be engaged for construction</p>	Condition will be complied.

	should be screened for health and adequately treated before and during their employment on the work at the site.	
ii)	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	Condition will be complied.
iii)	Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.	Condition will be complied.
i)	3. Water Supply: The entire water requirement during construction phase may be met from private tankers	Condition noted.
ii)	Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Condition noted.
iii)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	Condition noted.
iv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.	Condition noted.
v)	Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators/pressure reducing devices/sensor-based control.	Condition noted.

i)	4. Solid Waste Management: In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.	Condition noted.
ii)	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.	Condition noted.
iii)	Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.	Condition noted.
iv)	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	Condition noted.
v)	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.	Condition noted.
i)	5. Top Soil Management: All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Condition noted.
i)	6. Construction Debris disposal: Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules. 2016.	Condition noted.
ii)	Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/lake/ stream etc.	Condition noted.

i)	7. Diesel Generator sets: Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.	Condition will be complied. We are using the low sulphur diesel for DG sets
ii)	The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.	Condition will be complied.
iii)	The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	Condition will be complied.
i)	8. Air & Noise Pollution Control: Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	Condition noted.
ii)	Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	Condition will be complied. Air and noise quality monitoring report is enclosed as annexure -16
iii)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.	Condition noted. Traffic Layout is enclosed as annexure -6
iv)	The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	Condition accepted and noted.
v)	The project proponent should ensure that adequate Air Pollution Control measures shall	Condition will be complied.

	be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.	
i)	9. Building material: Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27 th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.	Condition will be complied.
ii)	Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.	Condition will be complied.
iii)	Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	Condition accepted and noted.
i)	10. Storm Water Drainage: Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.	Condition noted.
ii)	Storm water management plan shall be obtained by engaging the services of Anna University/IIT.	Condition noted.
i)	11. Energy Conservation Measures: Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.	Condition accepted and noted.
ii)	Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.	Condition accepted and noted.
iii)	All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for	Condition accepted and noted.

	illumination of common areas.	
iv)	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	Condition will be complied.
v)	A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R & U factors etc and submitted to the SEIAA in three month's time.	Condition will be complied.
vi)	Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Condition will be complied.
i)	12. Fire Safety: Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.	Condition will be complied.
ii)	Proper and free approach road for fire-fighting vehicles up to the buildings and for rescue operations in the event of emergency shall be made.	Condition accepted and noted.
i)	13. Green Belt Development: The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	Condition accepted and noted.
ii)	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	Condition will be complied. Greenbelt layout is enclosed as annexure -7
iii)	The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	Condition will be complied.
i)	14. Sewage Treatment Plant:	Condition will be complied.

	The Sewage Treatment Plant (STP) installed should be certified by an independent expert/reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	
ii)	The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	Condition noted.
iii)	The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.	Condition will be complied.
iv)	The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.	Condition will be complied.
v)	The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.	Condition will be complied.
vi)	The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.	Condition noted and will be complied.
i)	15. Rain Water Harvesting: The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	Condition will be complied.
ii)	Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	Condition will be complied.
iii)	The Project Proponent has to provide adequate number of rain water harvesting pits to recover and reuse the rain water during rainy days as committed.	Condition will be complied. We will provide adequate number of rain water harvesting pits to recover and reuse the rain water

		during rainy days
iv)	The project activity should not cause any disturbance & deterioration of the local bio diversity.	Condition noted.
	16. Building Safety: Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary	Condition will be complied.

Part - D-Specific Conditions - Operational Phase/Post constructional phase/Entire life of the project:

Not applicable since in pre-constructional phase

5.0 ENVIRONMENTAL MONITORING DETAILS

It is mandatory to submit six-monthly compliance report to statutory bodies by the proponent. For the purpose of obtaining six-monthly compliance certificate the environmental monitoring was carried out at the site by M/s Hubert Enviro Care system Pvt Ltd during April 2025 – September 2025.

5.1 Ambient air quality monitoring

During construction phase particulate matter and gaseous emissions are likely to arise from the site due to soil excavation, movement of vehicles and operation of DG sets etc., the ambient air quality parameters such as suspended Particulate Matter (PM10), Respirable Particulate Matter (PM2.5), Sulphur dioxide, Oxides of Nitrogen (NOx) and Carbon monoxide were monitored at 1 location. The test report of ambient air quality for the period of April 2025 – September 2025 is enclosed as **Annexure-16**.

5.3 Ground water quality monitoring

During construction phase the ground water may get polluted due to infiltration of rainwater mixed with soil contaminants in the site. The ground water was tested at 1 location for various water quality parameters including heavy metals. The test report of bore well water collected and analyzed during the period of April 2025 – September 2025 is enclosed as **Annexure-16**.

5.4 Soil quality monitoring

During construction phase soil contamination may occur due to oil spills from machinery, during maintenance and operation of DG sets on site. 1 location was selected for monitoring the soil quality. The Soil samples were collected and analyzed for nutrients and heavy metals. The test report of soil samples collected and analyzed during the period of April 2025 – September 2025 is enclosed as **Annexure-16**.

6.0 Conclusion

1. The environmental monitoring was carried out at the site during the period of April 2025 – September 2025.
2. All the conditions stipulated in the Environmental Clearance are being complied.

For

M/s. Pragnya South City Projects Pvt Ltd





Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), TAMIL NADU)

To,

The -1

PRAGNYA SOUTH CITY PROJECTS PRIVATE LIMITED

Eden park township, MR Radha main Road, Siruseri, Vandalur Taluk,
Chengalpattu District. 603103 -603103

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/TN/INFRA2/425367/2023 dated 10 Jul 2023. The particulars of the
environmental clearance granted to the project are as below.

1. EC Identification No.	EC24B038TN111056
2. File No.	9972
3. Project Type	New
4. Category	B
5. Project/Activity including Schedule No.	B(a) Building and Construction projects
6. Name of Project	Proposed construction of Residential Building - Phase 2 at Eden Park Township with Built up area of 48,487.64 Sq.m
7. Name of Company/Organization	PRAGNYA SOUTH CITY PROJECTS PRIVATE LIMITED
8. Location of Project	TAMIL NADU
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 25/01/2024

(e-signed)
Thiru.Deepak S.Bilgi
Member Secretary
SEIAA - (TAMIL NADU)

*Note. A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH.Please quote identification
number in all future correspondence.*

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THIRU. DEEPAK S. BILGI, I.F.S.
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMILNADU

3rd Floor, Panagal Maaligai,
No.1, Jeenis Road, Saidapet,
Chennai - 600 015.
Phone No. 044-24359973
Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F.No.9972/EC/8(a)/1002/2024 dated: 10.01.2024

Sir/Madam,

Sub: SEIAA, TN - Environmental Clearance – Proposed Construction of Residential Building - Phase 2 (Daffodils) at Eden Park Township with Built up area of 48,487.64 Sq.m at S.F.Nos. 134/2A, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7, 138/1, 138/2B2 of Siruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu by M/s. Pragnya South City Projects Private Limited - For Environmental Clearance under Category "B2" and Schedule Sl. No. 8(a) - Building and Construction Projects – Issued – Regarding.

- Ref:**
1. Online Proposal No. SIA/TN/INFRA2/425367/2023, Dated: 08.04.2023
 2. Your application for Environmental Clearance dated: 10.04.2023
 3. Minutes of the 385th SEAC meeting held on 22.06.2023
 4. Minutes of the 429th SEAC meeting held on 13.12.2023
 5. Minutes of the 431st SEAC meeting held on 15.12.2023
 6. Minutes of the 688th SEIAA meeting held on 10.01.2024

This has reference to your application 1st & 2nd cited, the proposal is for obtaining Environmental Clearance to Proposed Construction of Residential Building - Phase 2 (Daffodils) at Eden Park Township with Built up area of 48,487.64 Sq.m by M/s. Pragnya South City Projects Private Limited under Category B2 and Schedule S.No. 8(a) under the Environment Impact Assessment Notification, 2006, as amended.

The Competent Authority and Authorized Signatory furnished the detailed information in Form 1, Form 1A and liquidate enclosures are as Annexures:


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SEIAA-TN

Salient Features of the proposal

S. No	Description	Details			
1.	Name of the Project	Proposed Construction of Residential Building - Phase 2 (Daffodils) at Eden Park Township with Built up area of 48,487.64 Sq.m by M/s. Pragnya South City Projects Private Limited			
2.	Location	S.F.Nos. 134/2A, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7, 138/1, 138/2B2 of Siruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu			
3.	Type of Project	Building and Construction projects Schedule 8(a) : $\geq 20,000$ Sq.m and < 150000 Sq.m			
4.	Latitude & Longitude	S.No	Latitude	Longitude	
		1	12°49'31.59"N	80°12'13.40"E	
		2	12°49'28.51"N	80°12'13.23"E	
		3	12°49'28.61"N	80°12'11.50"E	
		4	12°49'29.78"N	80°12'11.56"E	
		5	12°49'29.83"N	80°12'10.04"E	
		6	12°49'31.56"N	80°12'10.04"E	
5.	Total Plot Area (in sq. m)	Sl. No	Particular	Area (in Sq.m)	%
		1.	Ground coverage	5715	75.69
		2.	Greenbelt area	1240	16.42
		3.	Paved areas	595	7.89
			Total plot area	7550	100
6.	Brief description of the project	The project involves proposed construction of residential building – Phase 2 consisting of Daffodils Block (Block C2) comprising Stilt-1 + Stilt-2 + 18 Floors and CS-6 (Car Parking Blocks) comprising Stilt-1 + Stilt-2 with total plot area of 7550 Sq.m. and total built-up area of 48,487.64 Sq.m.			
7.	Built up area details	Block	Floor	Built up area (Sq.m)	
		Daffodils Block (Block C2)	Stilt -1	4136.34	
			Stilt - 2	4136.34	
			1 st Floor	2033.16	
			2 nd Floor	2033.16	
			3 rd Floor	2033.16	
			4 th Floor	2033.16	
			5 th Floor	2033.16	


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			6 th Floor	2033.16
			7 th Floor	2033.16
			8 th Floor	2033.16
			9 th Floor	2033.16
			10 th Floor	2033.16
			11 th Floor	2033.16
			12 th Floor	2033.16
			13 th Floor	2033.16
			14 th Floor	2033.16
			15 th Floor	2033.16
			16 th Floor	2033.16
			17 th Floor	2033.16
			18 th Floor	2033.16
			Total (A)	44,869.56
		CS-6 (Car Parking Blocks)	Stilt Floor-1	1579.27
			Stilt Floor-2	2011.40
			Total (B)	3590.67
			DG & Meter Room (C)	27.41
			Total (A+B+C)	48,487.64
8.	Maximum height of the project	59.91m		
9.	Maximum number of floors	Stilt-1 + Stilt-2 + 18 Floors		
10.	No. of blocks	1 block		
11.	Permissible FSI area	Nil		
12.	Proposed FSI area	Nil		
13.	Cost of Project	Rs. 70.52 Crores		
14.	No. of Saleable Units	Nil		
15.	Expected Population	1540 Nos.		
16.	a) Water requirement (in KLD)	Total Water Requirement – 203 KLD Fresh Water Requirement – 131 KLD Treated Water Requirement – 72 KLD		
	b) Source	Siruseri Panchayat		
17.	Details of Sewage generation and Treatment	Sewage Generation – 178 KLD		
18.	Details of greywater /	STP Capacity – 200 KLD		

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	Effluent generation and Treatment	1. Coarse Bar Screen Chamber 2. Fine Bar Screen Chamber 3. Oil Skimmer 4. Collection Tank 5. Rotary Drum Screen 6. RDS Flushing Tank 7. Anoxic Tank 8. Aeration Tank 9. MBR Tank 10. Chemical Cleaning Tank 11. Sludge Holding Tank 12. Treated Water Storage Tank			
19.	Mode of Disposal of treated sewage / effluent	Green Belt Development – 5 KLD Toilet Flushing – 67 KLD Avenue Plantation – 106 KLD			
20.	Quantity of Solid Waste generation, Mode of treatment and Disposal	Description	Quantity	Mode of Treatment / Disposal	
		Organic waste	415.8 Kg/day	Will be converted into manure by OWC and it will be used for greenbelt development	
		Inorganic waste	277.2 Kg/day	Will be disposed to authorized vendors	
21.	Quantity of E-Waste generation, Mode of treatment and Disposal	Nil			
22.	Quantity of Biomedical Waste generation, Mode of treatment and Disposal	Nil			
23.	Quantity of Hazardous Waste generation, Mode of treatment and Disposal	Waste	Quantity	Unit	Treatment/Disposal method
		5.1 Spent oil/Used oil	0.5	KL/month	Will be sent to Authorized TNPCC Recyclers
24.	Power requirement	2529 KVA			
25.	Details of solar energy	Total roof area (50% of roof covering) - 1016.58 Sq.m			
26.	Details of D.G. set with Capacity	1 No. of 500 KVA with stack height of 9m			


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27.	Details of Green Belt Area i) Total area of green belt ii) No. of trees existing within the project site iii) No. of trees proposed to be planted iv) No. of trees to be transplanted / cut	i) 1240 Sq.m ii) Nil iii) 500 Nos. iv) Nil
28.	Details of OSR Area	755 Sq.m
29.	Details of Parking Area	3590.67 Sq.m Car parking (Nos) – 324 Two wheeler parking (Nos) – 170
30.	Provision for rain water harvesting	Rain water harvesting sump capacity – 8.83 cu.m Rain water harvesting pits – 12 Nos.
31.	EMP Cost (Rs.)	Capital Cost – Rs. 76.5 Lakhs Operating Cost – Rs. 7.0 Lakhs
32.	CER Cost	Rs. 141 Lakhs

Affidavit furnished by the proponent:

I, Mr.V. Ranjith, General manager is the Authorized Signatory, representing the “Proposed construction of Residential building - Phase 2 at Eden Park Township with Built up area of 48,487.64 Sq.m” at Survey Nos 134/2A, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7, 138/1, 138/2B2, Siruseri Nagar, Vandalur Taluk, Chengalpattu District, Tamil Nadu., as per committee’s direction, we hereby take oath and state as under in this affidavit:

1. The detailed Built – up area break up is given below:

Block	Floor	Built up area (Sq.m)
Daffodils Block	Stilt -1	4136.34
	Stilt - 2	4136.34
	1 st Floor	2033.16
	2 nd Floor	2033.16
	3 rd Floor	2033.16
	4 th Floor	2033.16
	5 th Floor	2033.16
	6 th Floor	2033.16
	7 th Floor	2033.16


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	8 th Floor	2033.16
	9 th Floor	2033.16
	10 th Floor	2033.16
	11 th Floor	2033.16
	12 th Floor	2033.16
	13 th Floor	2033.16
	14 th Floor	2033.16
	15 th Floor	2033.16
	16 th Floor	2033.16
	17 th Floor	2033.16
	18 th Floor	2033.16
	Total (A)	44,869.56
CS-6 (Car Parking Blocks)	Stilt Floor-1	1579.27
	Stilt Floor-2	2011.40
	Total (B)	3590.67
	DG & Meter Room (C)	27.41
	Total (A+B+C)	48,487.64

2. The plot area break up is given below:

Sl. No	Particular	Area (in Sq.m)	%
1.	Ground coverage	5715	75.69%
2.	Greenbelt area	1240	16.42%
3.	Paved areas	595	7.88%
	Total plot area	7550	100

- The water requirement for construction phase is 50KLD which will be sourced from Private Tankers. The sewage generated from the site will be treated through Package STP and treated sewage will be used for disposed for greenbelt development.
- Total water requirement will be 203 KLD out of which fresh water requirement will be 131 KLD and 72 KLD will be reused. Sewage will be treated in 200 KLD capacity STP and recycled water of 5 KLD will be used for green belt and 67 KLD will be used for Flushing purpose.
- Solid waste:** About 54 Kg/d of solid waste will be generated in which 32.4 Kg/d of Organic waste, 21.6 Kg/d of inorganic waste. STP sludge will be used as manure for gardening and Inorganic waste will be sold to TNPCB authorised recyclers
- Hazardous waste:** 0.5 KL/month of Spent oil will be disposed to the Tamil Nadu Pollution Control Board authorized Recyclers/dealers.
- 12Nos of Rain water harvesting pit will be proposed for Rain water harvesting scheme.
- The total power requirement for the proposed project is 2529 kVA. The supply will be provided by TANGEDCO. Backup power will be provided by DG Sets of 1x500 KVA


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with Common stack of height 9 m.

9. Green Belt Area developed within the project site is 1240 Sq.m which is 16.42 % of the total Plot area. Around 500 numbers of trees will be planted within the site. The green belt area will be planted with trees of indigenous species.

10. Environmental Management Plan.

EMP Cost break up

S.No	Description	Capital Cost (Rs. In Lakhs)	Operating cost (Rs. In Lakh)
1	Sewage Treatment Plant (retro fit and expansion work)	30	1.5
2	Landscaping & Gardening	10	1.0
3	Solid waste Management (Organic waste converter)	10	1.5
4	Rainwater harvesting	8	0.5
5	Air pollution Control measures	3.5	1.0
6	Energy Conservation (Solar Panel)	15	1.5
	Total Cost	76.5	7.0

11. As per CER OM F.No. 22-65/2017-IA.III dated: 01.05.2018, proponent will spend 141 Lakhs (which is 2% of the total project cost 70.52 Crores - <100 Crore for Greenfield projects).

S. No	CER Activities	Amount (in Lakhs)
		2024-25
1.	Mambakkam Government Higher Secondary School <ul style="list-style-type: none">• Painting of entire school• Sanitation facility & drinking water plant• Library & Solar lighting• Sanitary napkin incinerator• Construction of hand washing system• Avenue Plantation along the school boundary	72
2.	Government Higher Secondary School- Thaiyur <ul style="list-style-type: none">• Painting of entire school• Sanitation facility & drinking water plant• Library & Solar lighting• Sanitary napkin incinerator• Construction of hand washing system• Avenue Plantation along the school boundary	69
	Total	141

12. Undertaking on SEAC general conditions.

- Building will conform to minimum IGBC GOLD norms and obtain IGBC Green Building Certification before obtaining CTO.
- Operation and maintenance of STP, on BOT basis, for a period of 10 years, from


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operation of the project

- Assurance on 100% water recycling and zero discharge.
- Storm water drain would not carry any untreated or treated sewage.
- Temple Pond in OSR will be developed and maintained.
- Will attain a minimum of 50% roof coverage with solar panels.
- Minimum 50 % of the hot water requirement will be met through solar energy.
- Will adopt permeable pavement design to harvest rainwater, in addition to usual rainwater harvesting structures.
- No litigations are pending against the project.

Discussion by SEIAA and the Remarks:

The subject was placed in the 688th authority meeting held on 10.01.2024. The authority noted that the subject was appraised in the 431st SEAC meeting held on 15.12.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.

After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance to the proposal subject to the conditions as recommended by SEAC in addition to the following conditions in Annexure 'C' of this minutes.

1. The Project Proponent shall furnish the NOC/Commitment letter obtained from Local Panchayat for the disposal of excess treated sewage before applying for CTE.

Annexure 'C'

Climate Change

1. The proponent shall adopt strategies to decarbonize the building.
2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).
3. The proponent shall adopt strategies to reduce temperature including the Building Façade.
4. The proponent shall adopt methodology to control thermal environment and other shocks in the building.
5. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.
6. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
7. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.


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8. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.
9. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.

Health

10. The proponent shall adopt strategies to maintain the health of the inhabitants.

Energy

11. The proponent shall adopt strategies to reduce electricity demand and consumption.
12. The proponent shall provide provisions for automated energy efficiency.
13. The proponent shall provide provisions for controlled ventilation and lighting systems.
14. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
15. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
16. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.

Regulatory Frameworks

17. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.
18. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.
19. The proponent shall provide elevator as per rules CMDA/DTCP.


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Database maintenance & audits

20. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.
21. The proponent should maintain environmental audits to measure and mitigate environmental concerns.

Biodiversity

22. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,
23. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.
24. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.
25. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
26. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.
27. The proponent shall adopt strategies to prevent bird hits.

Safety measures

28. The proponent should develop an emergency response plan in addition to the disaster management plan.
29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.
30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.
31. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
32. The proponent shall provide the emergency exit in the buildings.
33. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.


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Water/Sewage

34. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
35. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
36. The proponent shall periodically test the treated sewage through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
37. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
38. The proponent shall ensure that provision should be given for proper utilization of recycled water.
39. The project proponent shall adhere to storm water management plan as committed.

Parking

40. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.

Solid waste Management

41. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
42. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.

EMP

43. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.
44. The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.
45. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.


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Others

46. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.
47. The project proponent shall adhere to height of the buildings as committed.

Environmental Clearance along with the conditions containing four parts namely

- Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases
- Part - B – Specific Conditions – Pre construction phase
- Part - C – Specific Conditions – Construction phase
- Part - D – Specific Conditions – Operational Phase/Post constructional Phase / Entire life of the project.

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

Conditions imposed by SEAC:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
3. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
4. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.


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5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
6. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
7. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
10. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
11. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
12. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory Compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.


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4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawing of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air quality monitoring and preservation:

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.


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5. Sand, murrum, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water Quality Monitoring and Preservation:

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total freshwater use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water


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available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharges should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).


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17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring and Prevention:

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of Half Yearly Compliance Report (HYCR).
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.


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5. Energy Conservation Measures:

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.
4. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
5. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
6. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
7. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management:

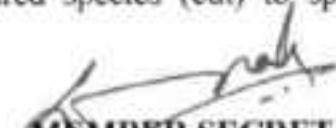
1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.


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3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover:

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species


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(planted). Area for green belt development shall be provided as per the details provided in the project document.

4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
5. A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.


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9. Human Health Issues:

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

10. Corporate Environment Responsibility:

1. The PP shall complete the CER activities, as committed, before obtaining CTE.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR).
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).


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11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.
9. No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.


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11. The Authority (SEIAA) may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
13. The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

Appendix -I

List of Native Trees Suggested for Planting

1. *Aeglemarmelos*-Vilvam
2. *Adenaantherapavonina*-Manjadi
3. *Albizialebbeck*-Vaagai
4. *Albiziaamara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*-Iruvathi
8. *Buchananiaaillaris*-Kattuma
9. *Borassusflabellifer*- Panai
10. *Buteamonosperma* - Murukkamaram
11. *Bobaxceiba*- Ilavu, Sevilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylonsweitenia* - Purasamaram
16. *Cochlospermumreligiosum*- Kongu, Manjallavu
17. *Cordiadichotoma*- Mookuchalimaram


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18. *Cretevaadansonii*-Mavalingum
19. *Dilleniaindica*- Uva, Uzha
20. *Dilleniapentagyna*- SiruUva, Sitruzha
21. *Diospyrosebenum*- Karungali
22. *Diospyroschloroxylon*- Vaganai
23. *Ficusamplissima*- Kalltchi
24. *Hibiscus tiliaceous*-Aatrupoovarasu
25. *Hardwickiabinata*- Aacha
26. *Holopteliaintegrifolia*-Aayili
27. *Lanneacoromandolica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthustetraphylla*- Neikottaimaram
30. *Limoniaacidissima* - Vila maram
31. *Litseaglutinosa*-Pisinpattai
32. *Madhucalongifolia* - Illuppai
33. *Manilkarahexandra*-UlakkaiPaalai
34. *Mimusopselengi* - Magizhamaram
35. *Mitragynaparvifolia* - Kadambu
36. *Morindapubescens*-Nuna
37. *Morindacitrifolia*- VellaiNuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamiapinnata*-Pungam
40. *Premnamollissima*- Munnai
41. *Premnaserratifolia*- Narumunnai
42. *Premnatomentosa*-PurangaiNaari, PudangaNaari
43. *Prosopiscinerea* - Vannimaram
44. *Pterocarpusmarsupium* - Vengai
45. *Pterospermumcanescens*-Vennangu, Tada
46. *Pterospermumxylocarpum* - Polavu
47. *Puthranjivaroxburghii*-Puthranjivi
48. *Salvadorapersica*- UgaaMaram
49. *Sapindusemarginatus*- Manipungan, Soapukai
50. *Saracaasoca* - Asoca


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51. *Streblus asper*- Pirayamaram
52. *Strychnos nuxvomica*-Yetti
53. *Strychnos potatorum* - Therthang Kottai
54. *Syzygium cumini* - Naval
55. *Terminalia bellerica*- Thandri
56. *Terminalia arjuna*- Venmarudhu
57. *Toona ciliata* - Sandhanavembu
58. *Thespesia populnea*- Puvarasu
59. *Walsur trifoliata*-valsura
60. *Wrightia tinctoria*- Veppalai
61. *Pithecellobium dulce* - Kodukkapuli

Part - A - Common conditions applicable for Pre-construction, Construction and Operational Phases:

1. Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2. The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.
3. The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.


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6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8. The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
11. The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.
12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
13. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely;


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PM₁₀, PM_{2.5}, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.

15. The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.
16. The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
17. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.
18. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.
20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
21. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
22. The Project Proponent has to provide adequate number of rain water harvesting pits to recover and reuse the rain water during rainy days as committed.
23. The project activity should not cause any disturbance & deterioration of the local bio diversity.
24. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.


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25. All the assessed flora & fauna should be conserved and protected.
26. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (E.C.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
28. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)
29. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
31. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
33. The safety measures proposed in the report should be strictly followed.
34. The project proponent shall carryout CER activity as committed as per MoEF & CC O.M F.No.22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 before obtaining CTO from TNPCB.

Part - B – Specific Conditions – Pre construction phase:

1. **The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.**
2. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.


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3. **A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.**
4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.
5. All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.
6. Design of buildings should be in conformity with the Seismic Zone Classifications.
7. The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
8. No construction activity of any kind shall be taken up in the OSR area.
9. Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.
10. The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.
11. The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.
12. The project proponent shall ensure the entry of basement shall be above maximum flood level.
13. The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details
 - i. Location of STP, compost system, underground sewer line.
 - ii. Pipe Line conveying the treated effluent for green belt development.
 - iii. Pipe Line conveying the treated effluent for toilet flushing
 - iv. Water supply pipeline
 - v. Gas supply pipe line, if proposed
 - vi. Telephone cable
 - vii. Power cable
 - viii. Storm water drains, and


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- ix. Rain water harvesting system, etc. and it shall be made available to the owners
14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.
17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Firefighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

Part - C - Specific Conditions – Construction phase:

1. Construction Schedule:

- i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.

2. Labour Welfare:

- i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
- ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.
- iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.

3. Water Supply:

- i) The entire water requirement during construction phase may be met from private tankers


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- ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.
- iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.

4. Solid Waste Management:

- i) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.
- ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
- iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
- iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
- v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

5. Top Soil Management:

- i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

6. Construction Debris disposal:

- i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction


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and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.

- ii) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

7. Diesel Generator sets:

- i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.
- ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.
- iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.

8. Air & Noise Pollution Control:

- i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.
- iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.
- iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.
- v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus


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terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.

9. Building material:

- i) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.
- ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.
- iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.

10. Storm Water Drainage:

- i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.
- ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.

11. Energy Conservation Measures:

- i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.
- ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.
- iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.
- iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.


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- vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

12. Fire Safety:

- i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.
- ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.

13. Green Belt Development:

- i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.
- ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
- iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.

14. Sewage Treatment Plant:

- i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.
- ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.
- iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.
- iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.


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- v) The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.
- vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.

15. Rain Water Harvesting:

- i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.
- ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.
- iii) The Project Proponent has to provide adequate number of rain water harvesting pits to recover and reuse the rain water during rainy days as committed.
- iv) The project activity should not cause any disturbance & deterioration of the local bio diversity.

16. Building Safety:

Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.

Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project:

1. There should be Firefighting plan and all required safety plan.
2. Regular fire drills should be held to create awareness among owners/ residents.
3. Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
5. Solar energy saving shall be increased to atleast 10% of total energy utilization.
6. The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.


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7. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually
8. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
11. The project activities should in no way disturb the manmade structures.
12. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
13. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.
16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
17. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality


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laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.

18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
19. It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
21. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
22. Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.
23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
24. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.
25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
26. The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.
27. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
28. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.


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29. The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.


MEMBER SECRETARY
SEIAA-TN

Copy to:

1. The Additional Chief Secretary to Government, Environment, Climate Change and Forests Department, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Chairman, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ), 34, HEPC Building, 1st & 2nd Floor, Cathedral Garden Road, Nungambakkam, Chennai - 34.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
6. The District Collector, Chengalpattu District.
7. Stock File.

Validity unknown

Digitally signed by: T. Deepak
S. Bilgi
Designation: Member Secretary
Date and Time: 1/25/2024 2:15:10 PM
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TAMIL NADU FIRE AND RESCUE SERVICES DEPARTMENT

From
Thiru. Braj Kishore Ravi, I.P.S.,
DGP / Director,
Director Fire and Rescue Services,
No.17, RukmaniLakshmiPathiSalai,
Egmore, Chennai - 600 008.

To
M/s. Pragnya South City Projects
Pvt. Ltd.,
No.75, Century Center,
T.T.K. Road, Alwarpet,
Chennai - 600 018.

K.Dis.No.13544/C1/2022

Dated.27.09.2022

Sir,

Sub : Tamil Nadu Fire and Rescue Service - Directorate -
High Rise Building - Amendment requested --
Inspection at M/s. Pragnya South City Projects Pvt.
Ltd., Block-c2, Siruseri Village, Pudupakkam Village,
Vandalur Taluk, Chengalpet District - Reg.

Ref : 1)The DFRS Letter R.Dis.No.7943/C1/2022 (PP NOC
No.112/2022), Dated:04.08.2022.
2)The Applicant letter dated:10.08.2022.
3)The Deputy Director, North-Western Region,
Vellore report R.C.No.2503/C/2022,
Dated:30.08.2022.

As requested in your letter 2nd cited, the following amendment is issued to the planning permission NOC issued vide the reference 1st cited above.

AMENDMENT

Survey number 136/7 may be added and "Block-C2 consists of stilt 1 + stilt 2 + 18 floor with a height of 59.76 meters. CS6 (car parking block) consists of a stilt 1 + stilt 2 with a height of 5.96 meters. The plot area is 187827 and the total builtup area is 36624.29 sq. mtrs" is may be replaced as "**Block-C2 consists of stilt 1 + stilt 2 + 18 floor with a**



TAMIL NADU FIRE AND RESCUE SERVICES DEPARTMENT

From
Thiru. Braj Kishore Ravi, I.P.S.,
DGP / Director,
Tamil Nadu Fire and Rescue Services,
No.17, RukmaniLakshmiPathiSalai,
Egmore, Chennai - 600 008.

To
The Director,
Directorate of Town and Country
Planning,
CMDA Office Complex,
E&C Market Road, Koyambedu,
Chennai - 600 002.

R.Dis.No.7943/C1/2022
PP NOC No.112/2022

Dated.04.08.2022

Sir,

Sub : Tamil Nadu Fire and Rescue Services - Directorate - High Rise Building - Issue of Planning Permission NOC requested - Inspection at M/s. Pragnya South City Projects Pvt. Ltd., Block-C2, Siruseri Village S.No.123, 127/1, 2, 3, 130/1A, 1B, 10, 11, 12, 13, 14, 15B, 16, 17A1B, 17A2, 17B1, 17B2, 17B3, 18, 19, 20, 131, 132/1A, 1B, 2, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1, 2, 3, 4, 5, 6A, 6B, 6C, 137/1, 2, 138/1, 2A, 2B1, 2B2, 3, 4, 5A, 5B, 139/2D1, 3, 4A, 5, 6, 7, 8, 9, 10, 151/3PT, 153/1, 2A, 2B, 3, 4, 5, 6, 154/1, 2, 155/1, 2, 156/1, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A, 9B1B, 9B2, 10B, 11, 157/1PT, 2PT, 3PT, 4PT, 5PT, 6PT, 158/1PT, 2PT, 159/2PT, 5PT, 7PT, 8PT, 11PT, 12, 160/1PT, 2A1, 2A2, 2B, 3, 4, 5A, 5B, 6, 161, 162, 163/2PT, 4APT, 4BPT, 5PT, 6 and Pudupakkam Village, S.No.90/3A1A, 3A1BPT, Vandalur Taluk, Chengalpet District - Reg.

Ref : 1) The applicant letter dated:09.05.2022.
2) The Deputy Director, North-Western Region, report R.C.No.1568/C/2022, Dated:21.07.2022.

Kindly refer to the letter cited above. The MSB inspection committee of the north-western region has inspected the site of M/s. Pragnya South City Projects Pvt. Ltd., Block-C2, Siruseri Village S.No.123, 127/1, 2, 3, 130/1A, 1B, 10, 11, 12, 13, 14, 15B, 16, 17A1B, 17A2, 17B1, 17B2, 17B3, 18, 19, 20, 131, 132/1A, 1B, 2, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1, 2, 3, 4, 5, 6A, 6B, 6C, 137/1, 2, 138/1, 2A, 2B1, 2B2, 3, 4, 5A, 5B, 139/2D1, 3, 4A, 5, 6, 7, 8, 9, 10, 151/3PT, 153/1, 2A, 2B, 3, 4,

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Observation:-

It is a planning proposal for construct residential building block-C2 consists of stilt 1 + stilt + 2 + 18 floor with the height of 59.76 meters. CS6 (car parking block) consists of stilt 1 + stilt 2 with the height of 5.96 meters. The plot area is 187827 and the total buildup area is 36624.29 sq. mts. The proposed building occupancy is classified to come under Group A Residential Building and the Sub-Division A-4 Apartment Houses as per the National Building Code of India Part-IV fire and life safety-2016.

The following fire and life safety measures should be provided in the proposed building before the actual occupation as listed below:

1. One wet-riser should be provided every 1000 sq. mts area covering all floor area with landing valves along with delivery hoses. The riser should be fully charged with adequate pressure at all times and should have both automatic and manual operation. To feed the wet-riser system, sprinkler and yard hydrant system an underground static water tank of minimum capacity 150000 liters should be provided with refilling facilities. A terrace level tank of capacity 10000 liters also should be provided. To charge the wet-riser, yard hydrant and sprinkler system two electrical pump of capacity 2280 LPM should be provided near the underground water tank and an equal capacity of diesel pump should also be provided as an alternative arrangement. Two electrical pump of capacity of 180 LPM should be provided as a jockey pump. Pumps should have the capacity of developing pressure of 3.5kg/cm. sq at terrace level at remotest location. One set of pumps shall be provided for each 100 hydrants or

part thereof, with a maximum of two sets. In case of more than one pump set installation, both pump sets shall be interconnected at their delivery headers or Alternative to provide an additional set of pumps, the objective can be met by providing additional diesel pump of the same capacity and doubling the water tank capacity as required for one set of pumps.

2. Fire service inlets (4 Way) should be fitted with NRV at ground level.
3. Yard hydrant system should be provided all around the building at 30 meters interval.
4. Automatic sprinkler system should be provided for whole building.
5. Hose reel assembly should be provided per 1000 sq.mts covering each floor area.
6. Manually operated fire alarm call points should be provided in each floor near exits.
7. "Exit" signage should be provided with alternative source of power supply or battery back-up with "GLOW" TYPE.
8. Emergency lights should be provided at staircase landing and exit routes.
9. Public address system should be provided connecting all the floors.
10. Assembly point should be designated at ground floor.
11. Evacuation route plan should be displayed in all floors.
12. Alternate and independent power system should be provided to fire pumps, pressurization & smoke venting, exit signage lighting, emergency lighting, fire alarm system, public address system, magnetic door hold open devices and fire lift.
13. Number of exit, location and its width should be conforms to the requirement of NBC of India, Part 4, 2016.
14. As per the National Building Code of India -2016, three number of staircase should be provided with the minimum width of 1.25 meters and they should be away from each other.

15. Fire escape - internal staircase and external staircase:

a) Internal staircases:

As per clause 4.4.2.4.3 of the national building code of India part IV fire and life safety 2016-All staircases shall be minimum width of 1.25 meter. The minimum width of tread without nosing shall be 250mm. The maximum height riser shall be 190 mm. The number of riser shall be limited to 12 per flights.

b) Fire exit:

As per the National building code of India part IV fire and life safety 2016 - every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.

All exits shall provide continuous means of egress to the exterior open space leading to a street.

Exits shall be so arranged that they may be reached without passing through another occupied unit.

c) External staircases:

As per clause 4.4.2.4.3 of the National Building Code of India part IV fire and life safety 2016-All external stairs shall be directly connected to the ground.

External staircases shall always be kept in sound and usable condition.

Entrance to the external stairs shall be separate and remote from the internal staircase.

Care shall be taken to ensure that no wall opening or window opens on to or close to an external stairs.

The route to the external stairs shall be free of obstructions at all times.

Handrails to be provided on both sides shall be of a height not less than 1000 mm and not exceeding 1200 mm. There shall be provision of balusters with maximum gap of 150 mm.

The external stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.

No external staircases, used as a fire escape, shall be inclined at an angle greater than 45 degrees from the horizontal.

d) **Fire lifts:**

- a. Where applicable, fire lifts shall be provided with a minimum capacity for 8 passengers and fully automated with emergency switch on ground level. In general, buildings 15m in height or above shall be provided with fire lifts.
- b. In case of fire, only fireman shall operate the fire lifts. In normal course, it may be used by other persons.
- c. Each fire lift shall be equipped with suitable inter-communications equipment for communicating with the control room on the ground floor of the buildings.
- d. The number and location of fire lifts in a building shall be decided after taking into consideration various factors like building population, floor area, compartmentation. etc.

16. One fire lift should be provided.

17. Lightning arrester should be provided.

18. Refuge area should be provided at 24th and every 15 meter level as per the requirements of NBC of India, Part 4, 2016 if balconies are not provided at each floor.

19. The first aid firefighting equipment's should be provided at all floors for in accordance with the IS 2190:2010 requirements.

20. Clear side set back of 12 meters should be provided all around the building and inbetween the block without any obstructions so as to allow fire service vehicle to move closer to the building at the time of emergency and it should be designed to withstand a weight of 65 tonns at any point of operation for the use of hydraulic platform vehicle. The setback area slop gradient should not be elevated from the ground level. The entry, movement and exit of the setback should

have no slope and should be hard paved and support the operation of the aerial ladder platform.

Side setback:

Setback area should be free of any obstruction, such as fountains, statues, flower pots, decorative idols, ramp etc., to facilitate movement of vehicle and people during emergencies as per the Tamilnadu Combined development and building rules 2019 rule no.35(23). The side setbacks road should be starts from the periphery of the building line.

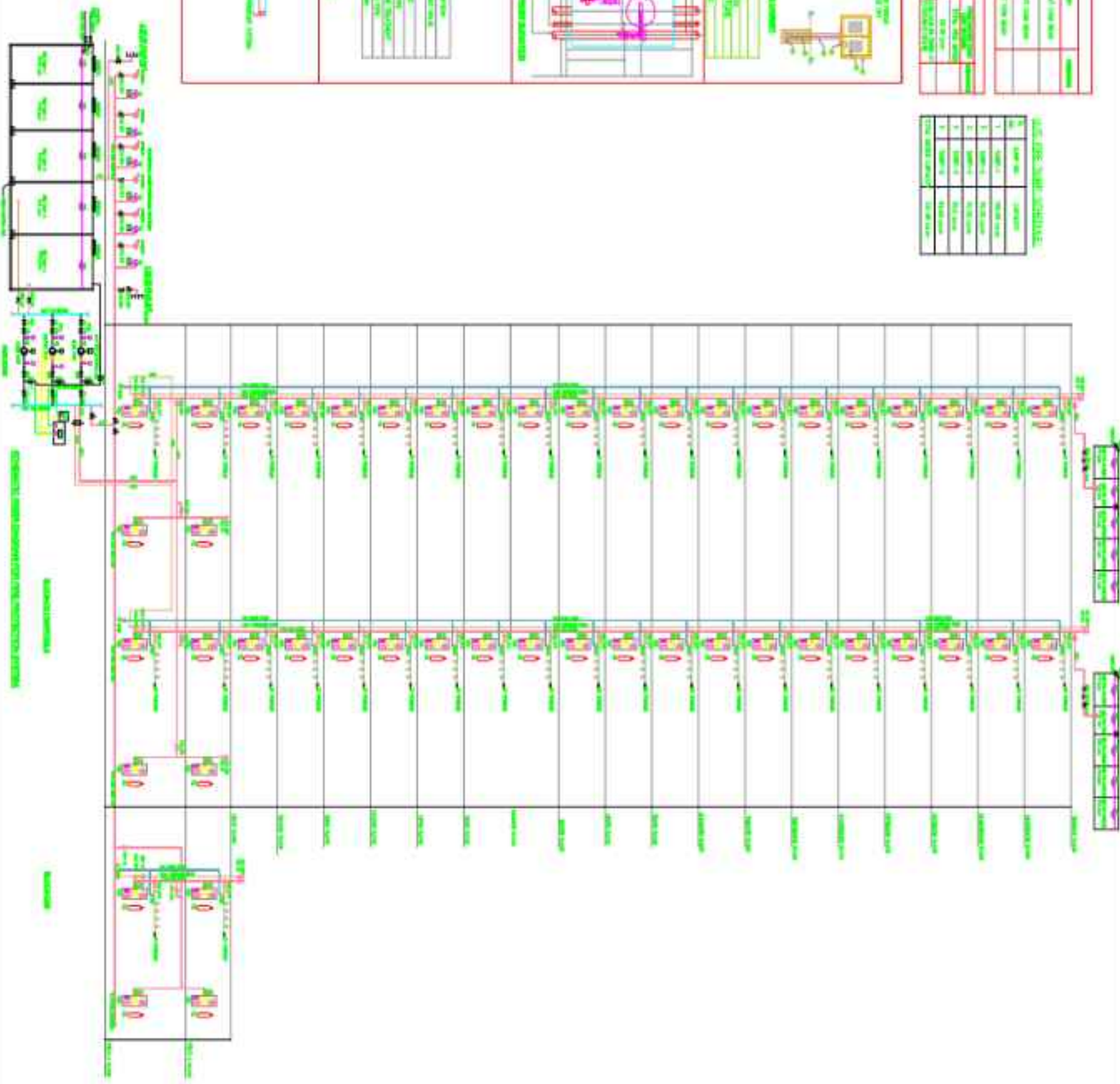
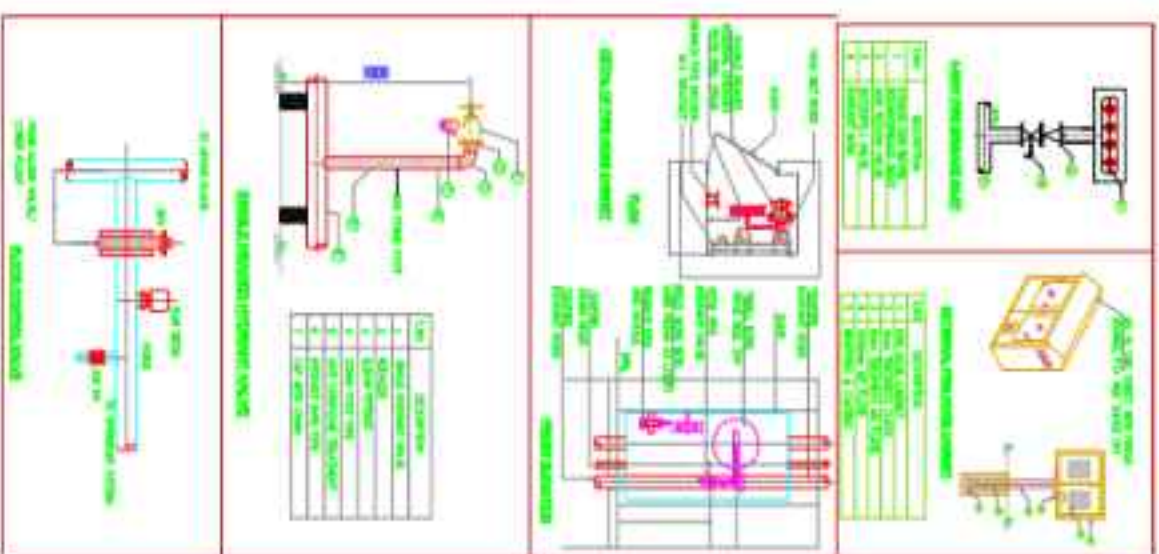
21. Car parking building (CS6) and Block-C2 residential building are connected with driveway corridor at 1st floor level. Hence, the connecting driveway corridor should not be hindrance to the movement of fire service vehicle.
22. Electrical installation and wiring, ducts should meet the requirements of NBC of India, Part 4, 2016.
23. The width and height of any arch or gate, if any, should have the clearance of not less than 4.5m and 5m respectively.
24. The service ducts such as power cables, communication cables, ducts etc., should be protected with proper fire sealing/fire dampers.
25. The fire dampers should be located at air conditioned ducts for check the spread of heat, flame, smoke and gases.
26. The cable gallery should be routed through fire resistance duct or fire protected tray.
27. As per section 3.2 of BIS 12459, 1988 – code of practice for fire safety in cable regularization, 1m transparent fire retardant coatings shall be applied to all cables at termination points in electrical panels and all cables inside the distribution boxes.
28. Fire resistant and low smoke emission cable should be used.
29. A trained fire officer with a crew shall be arranged to maintain as well as to operate the fire protection systems in case of any need.
30. During construction of the building the following fire protection measures should be provided in good working condition.

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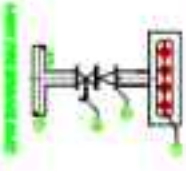


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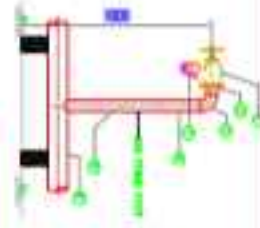
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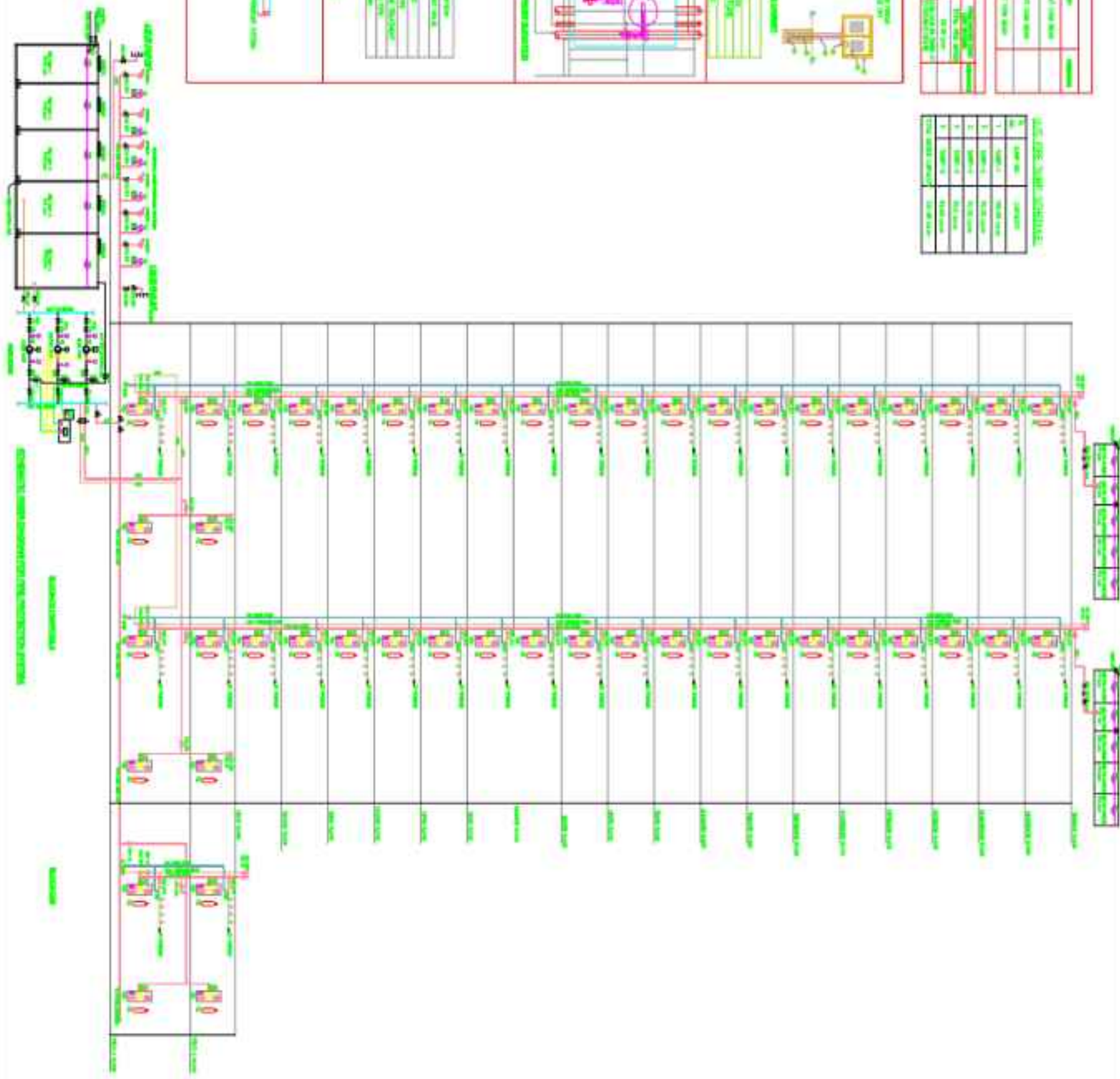
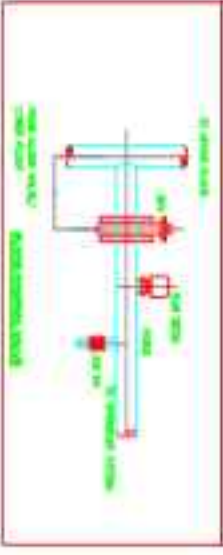


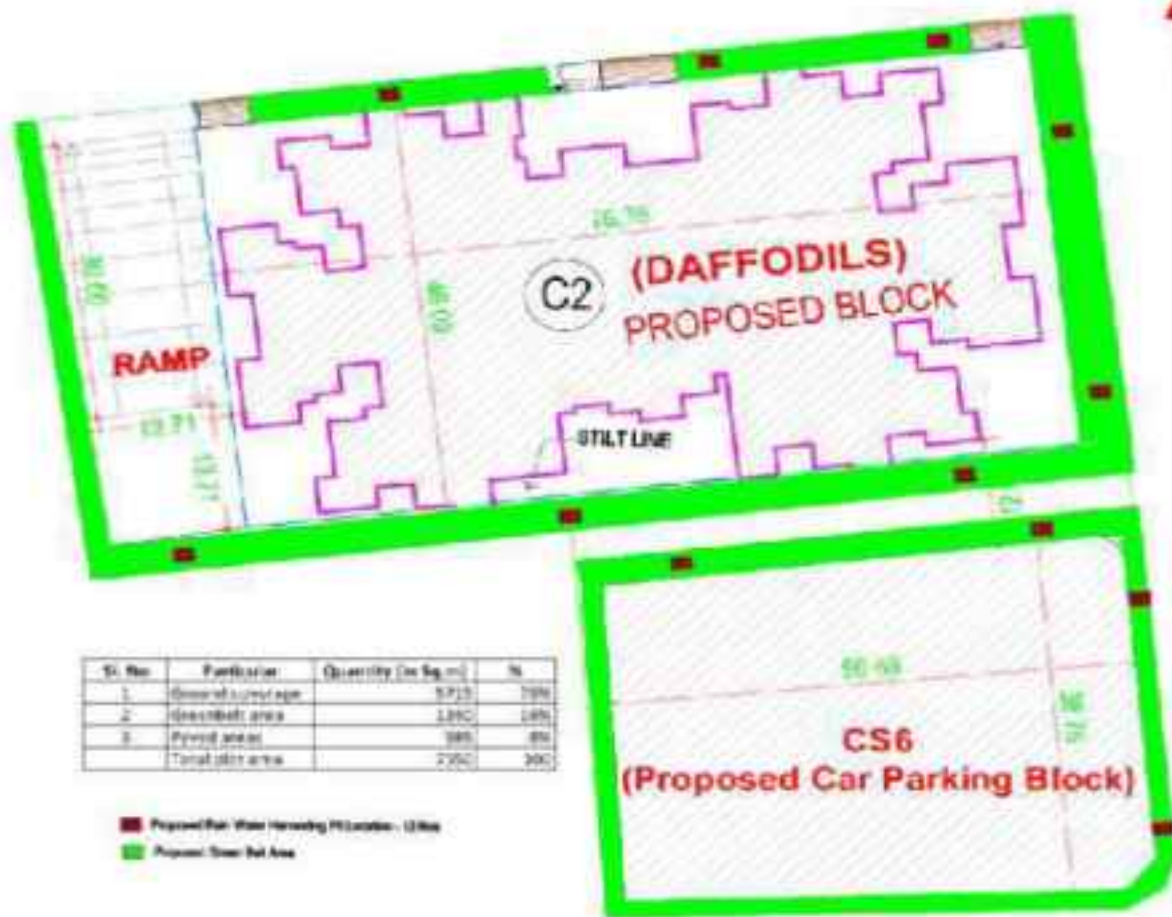
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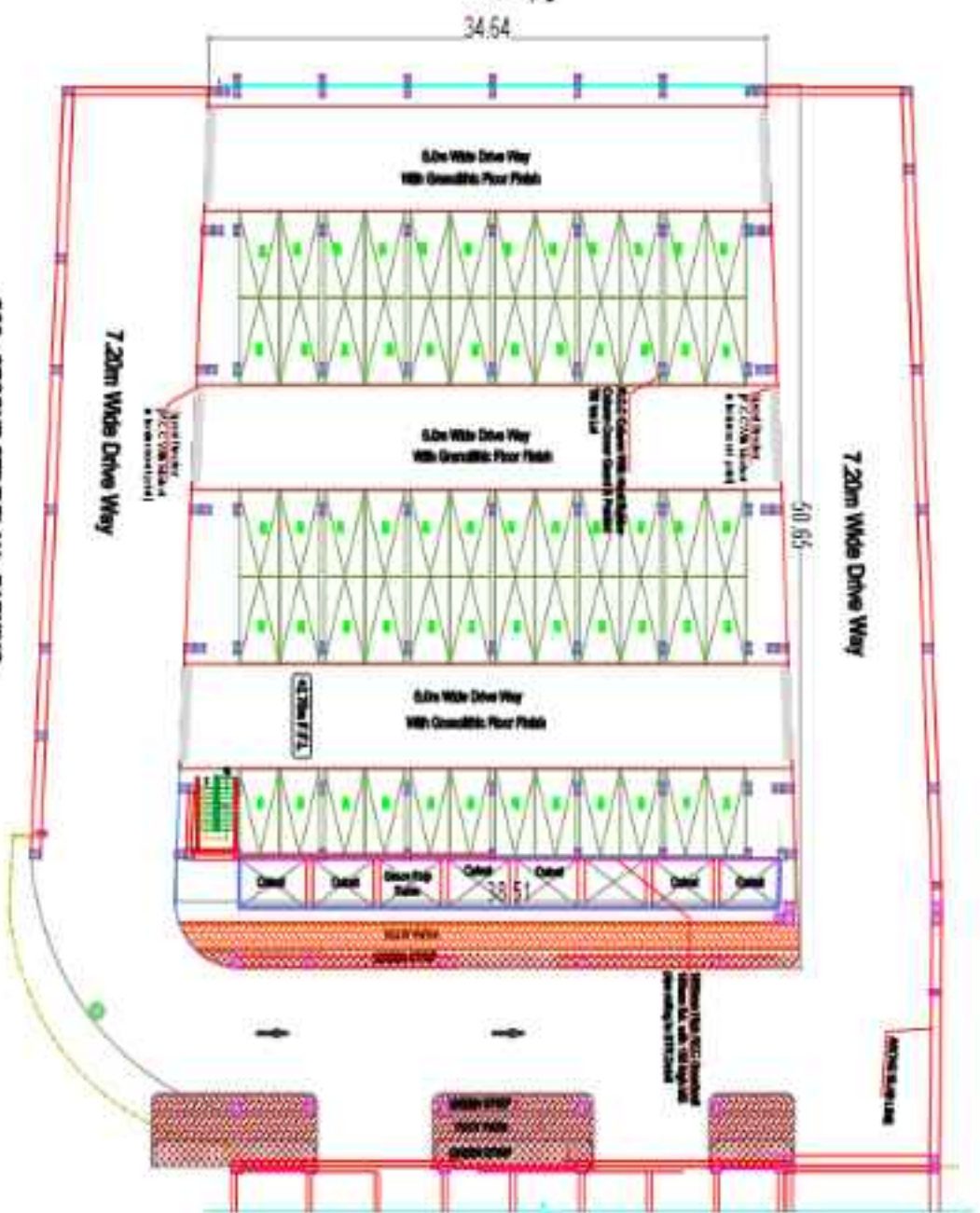
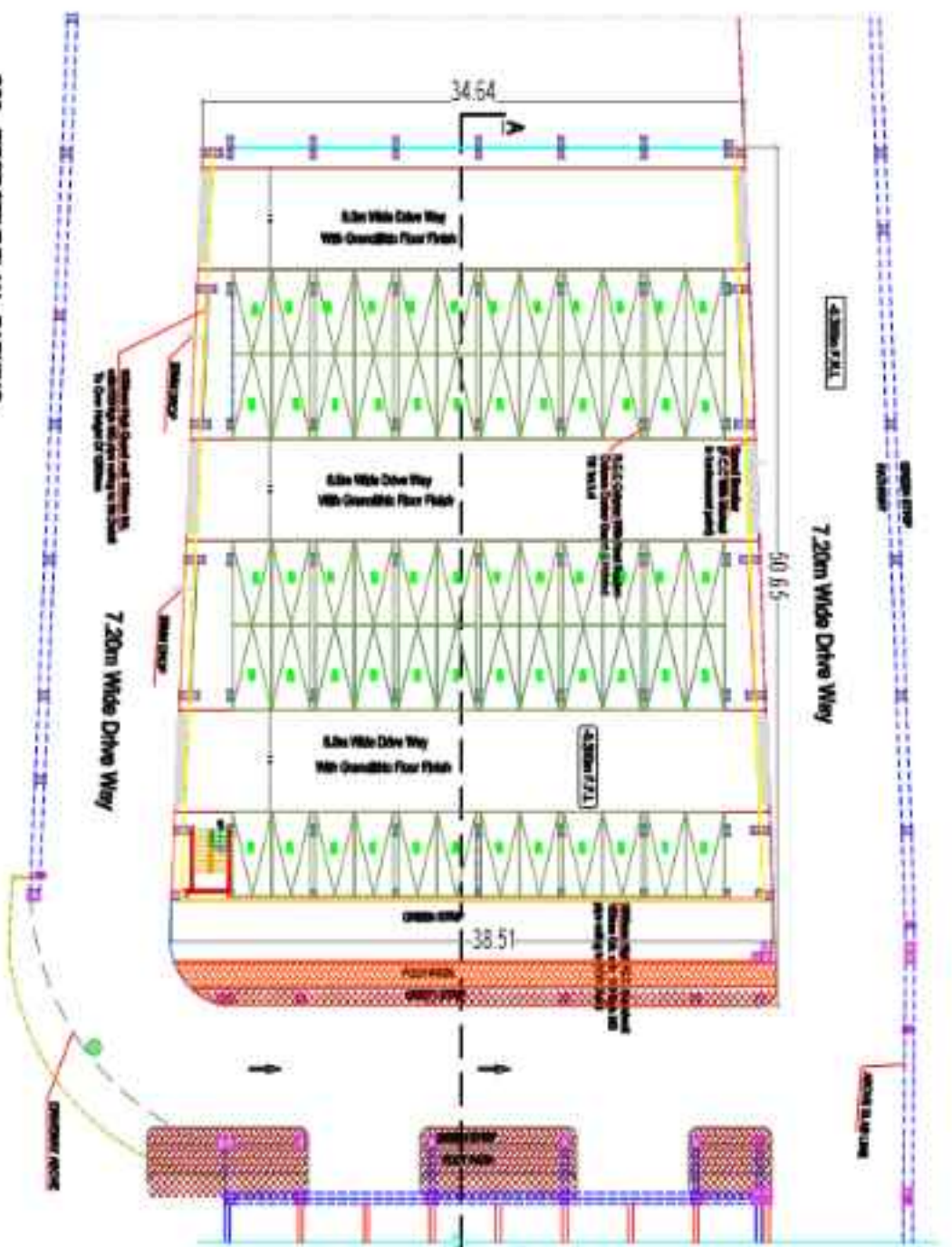


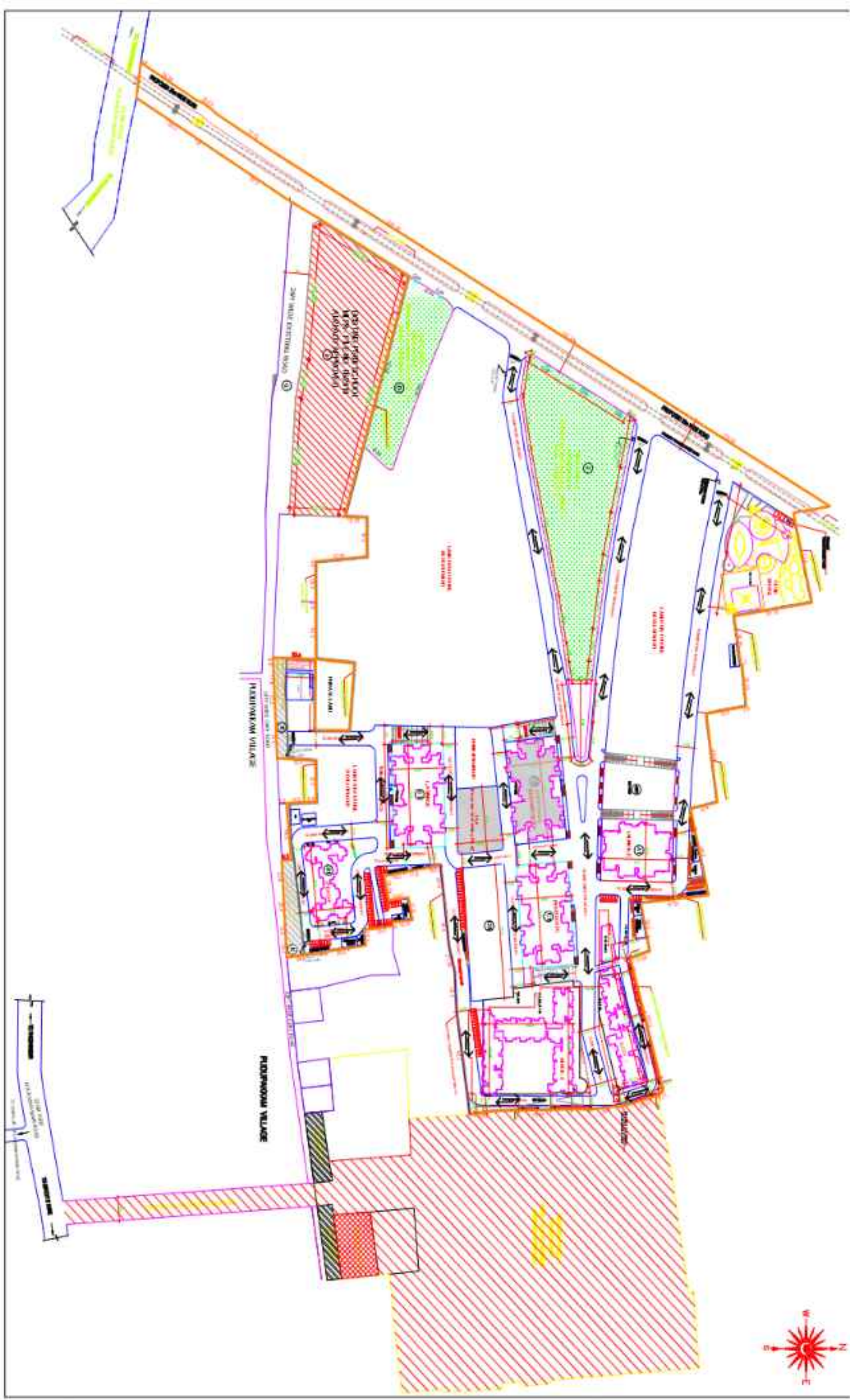
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1									





Sl. No.	Particular	Quantity (in Sq. m)	%
1.	General coverage	5713	79%
2.	Roof/flat area	1280	18%
3.	Paved area	385	5%
	Total plot area	7378	100%







Legend

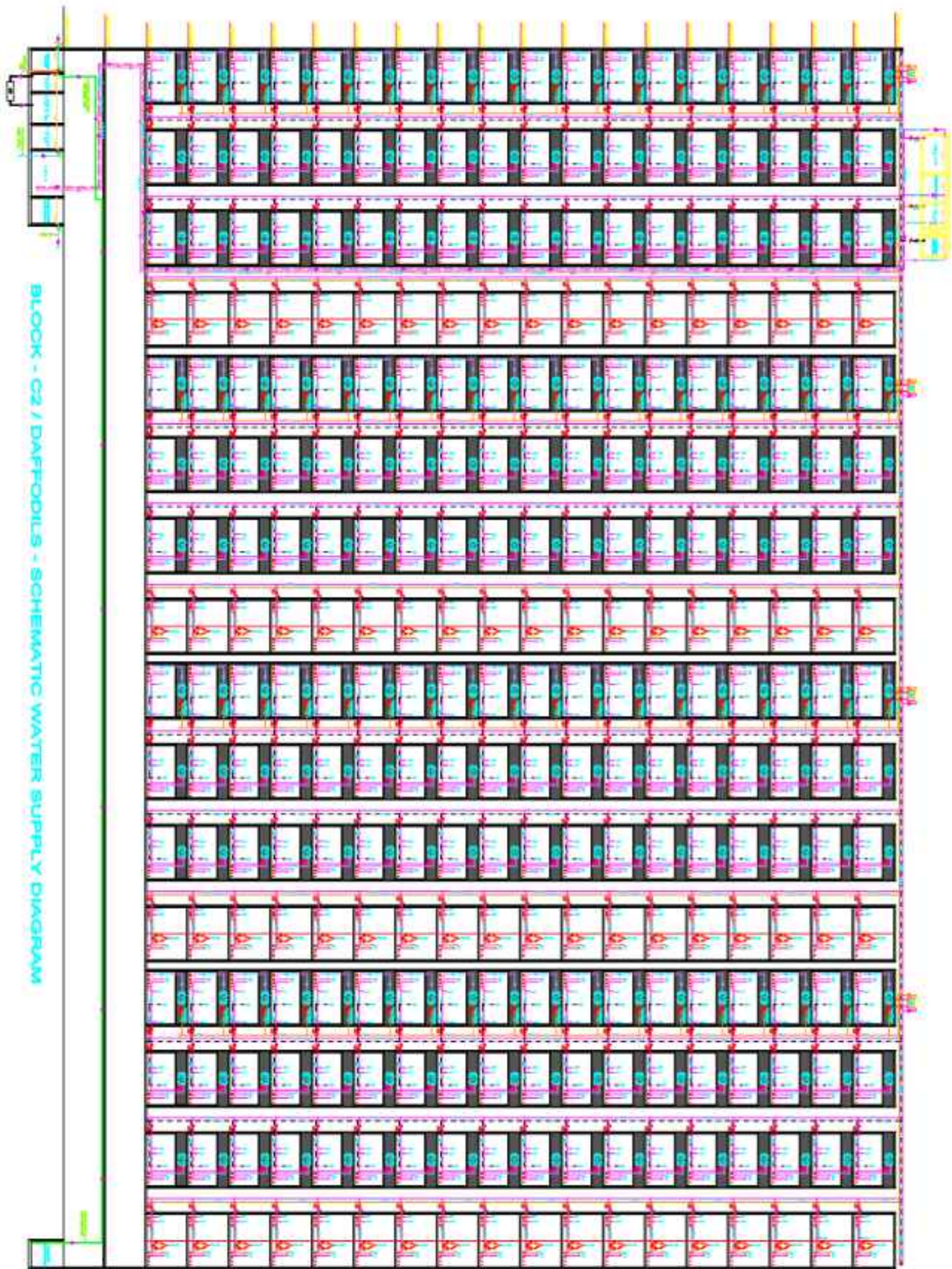
- Project Site
- GPS Coordinates
- Greenbelt

Total area of Project Site-7550sq.m

Description	Area (sq.m)	%
Greenbelt	1240	16.42



PLAN - OF (PARTS) 2 - DIMENSIONAL WATER SUPPLY SYSTEM



BLOCK - C2 / DAFPODILS - SCHEMATIC WATER SUPPLY DIAGRAM





Project Site

Storm water Drain

Existing Nalla

Fully Automatic – Capacity: 500 kg

Technical Specifications for Microorganism Based 24 Hrs Fully Automatic Composting Machine ME-OWC-500		
Sr. No.	Descriptions	Specification
A.	Model	ME-OWC-500
	Type of waste	Food Waste / Organic Waste
	Handling Capacity	500kg Per day
	Power Supply For Machine	3 Phase Supply 440V
	Total Weight	2400-2600 kg (Approx)
	Operation	Fully Automatic
	Waste Feeding	Top Side
	Control Panel	Inbuilt
	Motor	3 HP (3 Phase Supply) 415 V
	Reduction Gear box	1 no.
	Shredder	Double Shaft (24 Nos. Blade)
	Encloser	Panel Type
	Dimension (HxWxL) in MM	1900 x 1450 x 2400 (Approx.)
B.	Digester Unit	
	Material	SS-304
	Nos. of Blade	6 Nos.
	Out Put Gate	2 Nos.
	Shaft	1 No.
	Motor	5 HP (3 Phase Supply) 415 V
	Reduction Gear box	1 no.
C.	Electrical Panel	1 no.
D.	Heaters	4 no.
E.	Blower	1 no.
F.	Material Loading Stair	1 no.

சிந்துசேரி ஊராட்சி மன்றம்

ஊ.ப.ச. சிந்துசேரி, திருப்பிகளூர் ஒன்றியம்
செங்கல்பட்டு மாவட்டம் - 600 130.



C. வெள்ளாள்

தலைவர்

தொ: 08420 02008

சா. S.M.சுசாம்பரம்

தலைவர்

தொ: 9444020000

தா: 19-07-2022

பெறுநர்,

பொது மேலாளர் (இட்டங்கள்)
புரந்தியா சொத சிப்டி புரொஜெக்ட்சு பிரைவேட் லிமிடெட்,
சட்டன் பார்ட் டவுன்ஷிப்,
எம்.ஆர். ராதா வெலின் ரோடு,
சிந்துசேரி புதுப்பாக்கம் ஒன்றியம்,
செங்கல்பட்டு மாவட்டம்.

தலைவர்,

பொருள்: 288 குடியிருப்புகளுக்கு தூய நீர் (131KLD) வழங்கல் கோரிய தங்கள் 17-செப்டம்பர் 2022 தேதியிட்ட விண்ணப்பம்

மேற்கண்ட தங்கள் கோரிக்கையானது பிளாக் C2 - 288 குடியிருப்புகளுக்கான உத்தேச கட்டுமான பணிகள் திணறவனடந்த பின், சட்ட விதிகளின் படி பரிசீலனை செய்யப்பட்டு, ஒப்புதல் வழங்க உரிய நடவடிக்கை எடுக்கப்படும் என்பதை தெரிவித்துக் கொள்கிறோம்.

தங்கள்

வெள்ளாள்

தலைவர்

சிந்துசேரி ஊராட்சி

திருப்பிகளூர் ஊராட்சி ஒன்றியம்

செங்கல்பட்டு மாவட்டம்



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

CHEN/SOUTH/B/060922/676840

मालिक का नाम एवं पता M/s Pragnya South City Projects Private Limited **दिनांक/DATE:** 22-07-2022
OWNERS Name & Address Eden Park Township, MR Radha Main Road, Siruseri, and Pudupakkam villages, Chennai- 600103 **वैधता/ Valid Up to:** 21-07-2030

ऊँचाई की अनुमति हेतु अनापत्ति प्रमाण पत्र(एनओसी) **No Objection Certificate for Height Clearance**

1) यह अनापत्ति प्रमाण पत्र भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) द्वारा प्रदत्त दायित्वों के अनुक्रम तथा सुरक्षित एवं नियमित विमान प्रचालन हेतु भारत सरकार (नागर विमानन मंत्रालय) की अधिसूचना जी. एस. आर. 751 (ई) दिनांक 30 सितम्बर, 2015, जी. एस. आर. 770 (ई) दिनांक 17 दिसंबर 2020 द्वारा संशोधित, के प्रावधानों के अंतर्गत दिया जाता है।

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2). इस कार्यालय को निम्नलिखित विवरण के अनुसार प्रस्तावित संरचना के निर्माण पर कोई आपत्ति नहीं है।

2. This office has no objection to the construction of the proposed structure as per the following details:

अनापत्ति प्रमाणपत्र आईडी / NOC ID	CHEN/SOUTH/B/060922/676840
आवेदक का नाम / Applicant Name*	G Shiyamalann
स्थल का पता / Site Address*	Building Site for Daffodils Block located in Survey Nos134/2A,2B,135/1,2,136/1,2,3,4,5,6A,6B,7,138/1,2A,2B1,2B2 and 5B, Siruseri Village and at Eden Park Township, MR Radha Main Road, Siruseri and Pudupakkam Villages, Chennai- 600103, Siruseri Village Vandalur Taluk Chenglepet Distric, Chennai, Tamil Nadu
स्थल के निर्देशांक / Site Coordinates*	12 49 30.06N 80 12 10.42E, 12 49 31.49N 80 12 10.46E, 12 49 29.91N 80 12 13.04E, 12 49 31.44N 80 12 13.22E
स्थल की ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर), (जैसा आवेदक द्वारा उपलब्ध कराया गया) / Site Elevation in mtrs AMSL as submitted by Applicant*	7.18 M
अनुमन्य अधिकतम ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर) / Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	73.64 M

क्षेत्रीय मुख्यालय दक्षिणी क्षेत्र भा.वि.प्रा. परिचालन कार्यालय परिसर, चेन्नई हवाईअड्डा, चेन्नई - 600 027

दूरभाष संख्या : 44-2256 1234

Regional headquarter Southern Region, AAI Operational Offices Complex, Chennai Airport, Chennai 600 027

Tel. No: 44-2256 1234



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

CHEN/SOUTH/B/060922/676840

* जैसा आवेदक द्वारा उपलब्ध कराया गया / As provided by applicant*

3) यह अनापत्ति प्रमाण पत्र निम्नलिखित नियम व शर्तों के अधीन है: -

3. This NOC is subject to the terms and conditions as given below:

क) आवेदक द्वारा उपलब्ध कराए गए स्थल की ऊँचाई तथा निर्देशांक को, प्रस्तावित संरचना हेतु अनुमन्य अधिकतम ऊँचाई जारी करने के लिए प्रयोग किया गया है। भारतीय विमान पत्तन प्राधिकरण, आवेदक द्वारा उपलब्ध कराये गए स्थल की ऊँचाई तथा निर्देशांक की यथार्थता का ना तो उत्तरदायित्व वहन करता है, और ना ही इनको प्रमाणीकृत करता है। यदि किसी भी स्तर पर यह पता चलता है कि वास्तविक विवरण, आवेदक द्वारा उपलब्ध कराए गए विवरण से भिन्न है, तो यह अनापत्ति प्रमाण पत्र अमान्य माना जाएगा तथा कानूनी कार्यवाही की जाएगी। सम्बंधित विमान क्षेत्र के प्रभारी अधिकारी द्वारा एयरक्राफ्ट नियम 1994 (भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन कार्यवाही की जायगी।

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994",

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।

c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.

घ) संरचना की ऊँचाई (सुपर स्ट्रक्चर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जायेगी। अर्थात्, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई।

d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934, के सैक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफ्ट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन है।

e. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, "The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994".

क्षेत्रीय मुख्यालय दक्षिणी क्षेत्र भा.वि.प्रा. परिचालन कार्यालय परिसर, चेन्नई हवाईअड्डा, चेन्नई - 600 027

दूरभाष संख्या : 44-2256 1234

Regional headquarter Southern Region, AAI Operational Offices Complex, Chennai Airport, Chennai 600 027

Tel. No: 44-2256 1234



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

CHEN/SOUTH/B/060922/676840

छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटनिंग अरेस्टर, सीढ़िया, मुमटी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखित अनुमन्य अधिकतम ऊँचाई से ऊपर नहीं जानी चाहिए।

f. No radio/TV Antenna, lightning arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.

ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएं का खतरा पैदा नहीं करता है, ही मान्य है।

g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point

झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है। एक बार रिवेलीडेशन की अनुमति दी जा सकती है, बशर्ते कि इस तरह का अनुरोध एनओसी की समाप्ति की तारीख से छह महीने के भीतर किया जाए और प्रारंभिक प्रमाणपत्र 8 साल की वैधता अवधि के भीतर प्राप्त किया जाए।

h. The certificate is valid for a period of 8 years from the date of its issue. One-time revalidation shall be allowed, provided that such request shall be made within six months from the date of expiry of the NOC and commencement certificate is obtained within initial validity period of 8 years.

ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटो का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो। विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी।

i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.

ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरुद्ध कोई शिकायत/दावा नहीं किया जाएगा।

j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट www.dgca.nic.in पर उपलब्ध) नागर विमानन आवश्यकताएं श्रंखला 'बी' पार्ट I. सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी।

k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in

ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता।

l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

क्षेत्रीय मुख्यालय दक्षिणी क्षेत्र भा.वि.प्रा. परिचालन कार्यालय परिसर, चेन्नई हवाईअड्डा, चेन्नई - 600 027

दूरभाष संख्या : 44-2256 1234

Regional headquarter Southern Region, AAI Operational Offices Complex, Chennai Airport, Chennai 600 027

Tel. No: 44-2256 1234



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

CHEN/SOUTH/B/060922/676840

ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन Chennai, Kanchipuram विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग- I), अनुसूची- IV (भाग -2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है।

m. This NOC ID has been assessed with respect to the Chennai, Kanchipuram Airports. NOC has been issued w.r.t. the AAI Aerodromes and other licensed Civil Aerodromes as listed in Schedule – III, Schedule – IV (Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)

त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची- IV (भाग -2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता है, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।

o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.

क्षेत्रीय मुख्यालय दक्षिणी क्षेत्र भा.वि.प्रा. परिचालन कार्यालय परिसर, चेन्नई हवाईअड्डा, चेन्नई - 600 027

दूरभाष संख्या : 44-2256 1234

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भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

CHEN/SOUTH/B/060922/676840

क्षेत्र का नाम / Region Name: दक्षिण/SOUTH

पदनामित अधिकारी/Designated Officer नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date	
द्वारा तैयार Prepared by	
द्वारा जांचा गया Verified by	

ईमेल आईडी / EMAIL ID : vommm.noc@aai.aero
फोन/ Ph: 044-22560046

ANNEXURE/अनुलग्नक

Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर मे)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री)
Chennai	19033.98	170.56
Kanchipuram	53327.01	85.43
NOCID	CHEN/SOUTH/B/060922/676840	

क्षेत्रीय मुख्यालय दक्षिणी क्षेत्र भा.वि.प्रा. परिचालन कार्यालय परिसर, चेन्नई हवाईअड्डा, चेन्नई - 600 027

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Tel. No: 44-2256 1234

Street View



June 9, 2009

1:1,000
0 500 1000 2000 m
0 500 1000 2000 ft

Satellite View



June 9, 2009

1:1,000
0 500 1000 2000 m
0 500 1000 2000 ft

அனுப்பநர்
ச.சந்திரசேகரன், பி.டெக்,
உறுப்பினர் செயலர்(பொ)
மாமல்லபுரம் உள்ளூர் திட்டக் குழுமம்,
13, வரதராசனார் தெரு,
வேதாசலம்நகர், செங்கல்பட்டு
msmmlpa@gmail.com

பெறுநர்
M/s.L & T South City Projects Ltd
Mount Poonamallee Road,
Manapakkam, Post Box No. 979
Chennai - 89

ந.க.எண்.539/2011/மாஉதிசு, நாள். 09.09.2011

அய்யா,

பொருள் நிலஉபயோக சான்று - மாமல்லபுரம் உள்ளூர் திட்டக் குழுமம் - காஞ்சிபுரம் மாவட்டம், செங்கல்பட்டுவட்டம், சிறுசேரி கிராமம் - சர்வே எண்கள்.117/1B, 2B, 123, 127/1, 2, 3, 128/1, 10, 11, 12, 13, 14, 128/2, 3, 4, 5, 6, 7, 8, 9, 129/1, 2A, 2B, 3, 4, 5, 6, 7, 8, 130/10, 11, 12, 13, 14, 15B, 16, 17A1B, 17A2, 17B1, 17B2, 17B3, 18, 19, 1A, 1B, 20, 21A, 25, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1, 2, 3, 4, 5, 6A, 6B, 6C, 7, 137/1, 2, 138/1, 2A, 2B1, 2B2, 3, 4, 5A, 5B, 139/10, 2Dpt, 3, 4pt, 5, 6, 7, 8, 9, 150/1B, 151/3, 153/1, 2A, 2B, 3, 4, 5, 6, 154/1, 2, 155/1, 2, 156/10B, 11, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A, 9B1B, 9B2, 157/1, 2, 3, 4, 5, 6, 7A, 7B, 7C, 7D, 7E, 158/1, 2, 159/10A, 10B1, 10B2, 11, 12, 1A, 1B, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 160/1, 2A1, 2A2, 2B, 3, 4A, 4B, 4C, 5A, 5B, 6, 7, 161, 162, 163/1A, 1B, 2, 3, 4A, 4B, 5, 6, 164/2, 3, 166/4, 6, 7, 8, 167/1A, 1B, 2, 168/1A, 1B, 2, 229/3, 237/2B, 3A, 3B, 5A2, 5B2, 6A2, 6B1B, 6B2B, 7A1A, 7A2 மற்றும் புதுப்பாக்கம் கிராமம், சர்வே எண்கள். 90/2, 3A1A, 3A1B, 95/13, 142/2pt, 41A ஆகியவற்றிற்கு நிலஉபயோகச் சான்று கோரியது - குறித்து


பார்வை மனுதாரர் M/s.L & T South City Project Ltd அவர்களின் கடிதம் நாள். 30.09.11

காஞ்சிபுரம் மாவட்டம், செங்கல்பட்டுவட்டம், சிறுசேரி கிராமம், சர்வே எண்கள்.117, 123, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 150, 151, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 166, 167, 168, 229, 237 மற்றும் புதுப்பாக்கம் கிராமம், சர்வே எண்கள். 90, 95, 142 ஆகிய இடமானது மறு இணக்கம் அளிக்கப்பட்ட மாமல்லபுரம் முழுமைத் திட்டத்தின்படி நகர்மயமாக்கல் பகுதியில் (Urbanisable Use Zone)வகைப்படுத்தப்பட்டுள்ளது என கீழ்க்கண்ட நிபந்தனைகளுடன் தெரிவிக்கப்படுகிறது.

நிபந்தனைகள்.

1. இச்சான்றிதழ் இத்துறையின் தடையின்மைச் சான்றாக கருதக் கூடாது. தகவலுக்காக மட்டுமே இச்சான்று வழங்கப்படுகிறது.
2. இவ்விடத்தில் மனைப்பிரிவோ, சிறுவனமோ மற்றும் கட்டிடமோ அல்லது எவ்வித அபிவிருத்தியோ அமைக்கும் முன்னர் நகர் ஊரமைப்புச் சட்டம் 1971, பிரிவு 47-ன்படி இத்துறையின் முன் அனுமதி பெறப்பட வேண்டும். அவ்வாறு அனுமதி பெறாமல் அபிவிருத்தி செய்யப்பட்டால் நகர்ஊரமைப்புச் சட்டம் 1971 பிரிவு 56 (ம) 57-ன் கீழ் நடவடிக்கை தொடரப்படும்.

3. அபிவிருத்திகளுக்கு அனுமதி பெறுவதை எளிமைப்படுத்தும்விதமாக அதிகபட்சம் 4000 ச.அடி பரப்பளவுள்ள தனித்த குடியிருப்புக் கட்டிட உத்தேசம் (அதிகபட்சம் 4 குடியிருப்புகளை உள்ளடக்கியதான தரைதளம், முதல்தளம் வரையிலான குடியிருப்புக் கட்டிடம்), அதிகபட்சம் 2000 ச.அடி வரையிலான தனித்தவணிக உபயோக கட்டிடங்களுக்கும் (தரைதளம் + முதல் தளம்) சம்பந்தப்பட்ட உள்ளாட்சியே திட்ட அனுமதி வழங்கிட இத்துறையால் அதிகாரப்பகிர்வு வழங்கப்பட்டுள்ளது. மேற்காண் வகைக் கட்டிடங்கள் தவிர கூடுதல் பரப்பளவுள்ள குடியிருப்புக் கட்டிடங்கள், வணிக உபயோக கட்டிட உத்தேசங்களுக்கு இவ்வலுவலகத்தின் திட்ட அனுமதி பெறப்பட வேண்டும். மேலும் தொழிற்சாலை கட்டிடங்கள், நிறுவனக் கட்டிடங்கள் மற்றும் இதர பொதுவகைக் கட்டிடங்கள் போன்றவற்றிற்கு இத்துறையின் திட்ட அனுமதி பெறப்படவேண்டும் எனவும் தெரிவிக்கப்படுகிறது.


 உறுப்பினர் செயலர்(பொ)
 மாமல்லபுரம் உள்ளூர் திட்டக்குழுமம்
 செங்கல்பட்டு-1
 09/09/11



OSR 1 Area -
13752sq.m

Proposed Pond

Almond-A1
Builtup Area~33,700sq.m

Podium

Marigold-C1
Builtup
Area~44,600sq.m

0.04km,WNW

Project Site

0.21km,WSW

Podium

OSR 2 Area-5035sq.m

Jasmine C7
Builtup Area~44,600sq.m

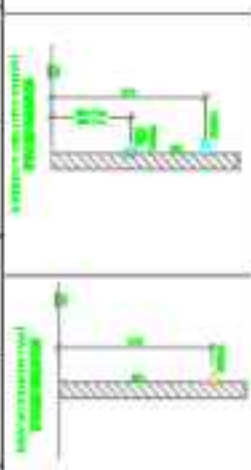
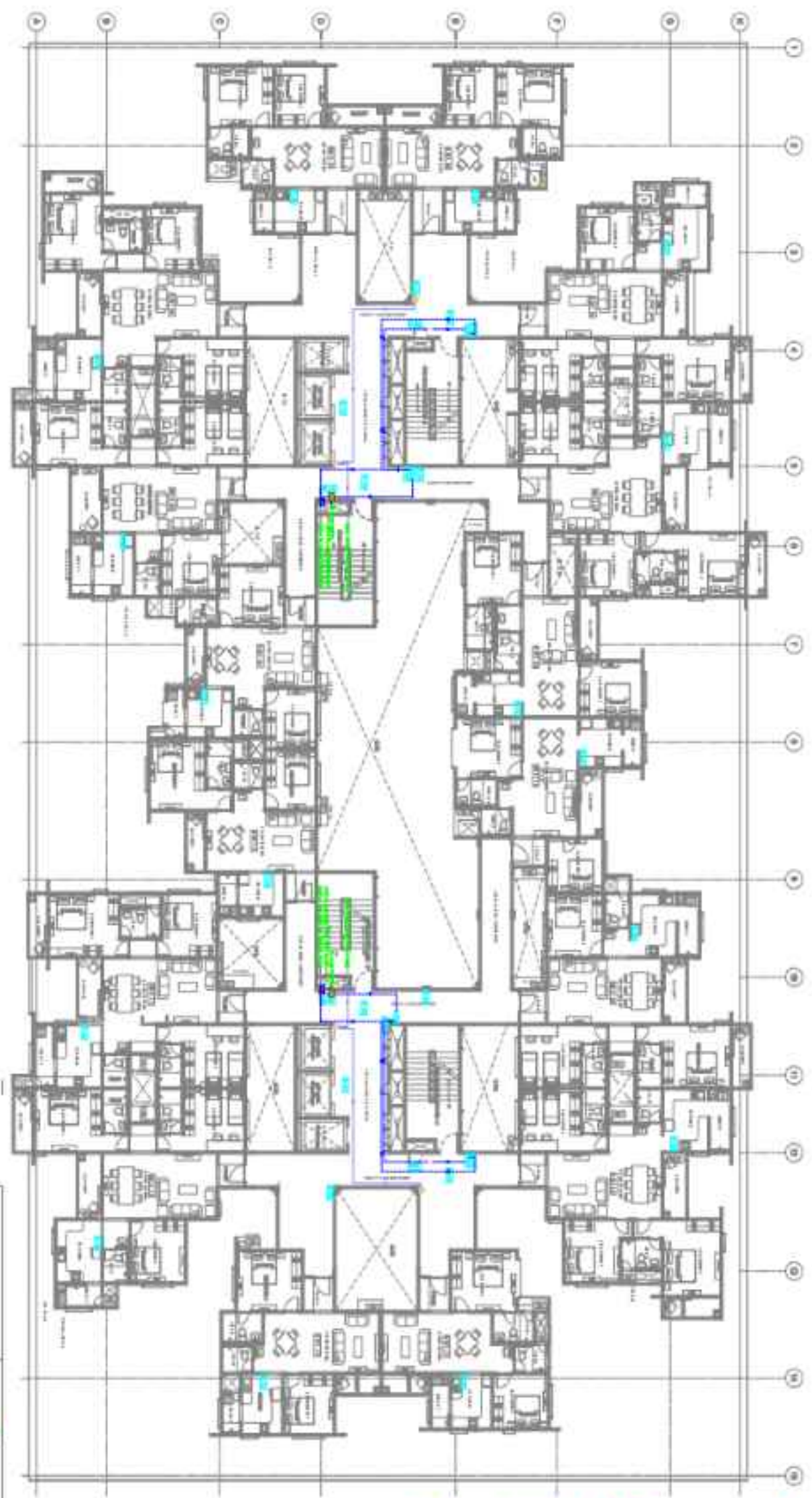
Peach B1
Builtup Area~17177sq.m

STP

OWC

S.no	Description	Area(Sqm)
1	OSR 1	13752
2	OSR 2	5035
3	Total OSR Area	18787

TRUCK SLIPSTREAM



GOOD FOR CONSTRUCTION

- 1. ALL DIMENSIONS ARE IN UNITS UNLESS OTHERWISE SPECIFIED.
- 2. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
- 3. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
- 4. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
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- 10. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.

NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
1	CONCRETE	100	CU YD	100
2	STEEL	50	TON	50
3	BRICK	1000	SQ YD	1000
4	GLASS	500	SQ YD	500
5	PAINT	100	GA	100
6	CEILING	100	SQ YD	100
7	FLOORING	100	SQ YD	100
8	MECHANICAL	100	SQ YD	100
9	ELECTRICAL	100	SQ YD	100
10	PLUMBING	100	SQ YD	100

NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
1	CONCRETE	100	CU YD	100
2	STEEL	50	TON	50
3	BRICK	1000	SQ YD	1000
4	GLASS	500	SQ YD	500
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6	CEILING	100	SQ YD	100
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8	MECHANICAL	100	SQ YD	100
9	ELECTRICAL	100	SQ YD	100
10	PLUMBING	100	SQ YD	100

NO.	DESCRIPTION	QUANTITY	UNIT	AMOUNT
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4	GLASS	500	SQ YD	500
5	PAINT	100	GA	100
6	CEILING	100	SQ YD	100
7	FLOORING	100	SQ YD	100
8	MECHANICAL	100	SQ YD	100
9	ELECTRICAL	100	SQ YD	100
10	PLUMBING	100	SQ YD	100

PROJECT: [Project Name]
 DATE: [Date]
 DRAWING NO: [Drawing No.]

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax : 42985500

E-mail : labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing)
Recognized by CPCB (MoEF & CC)
BIS FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Air -1 Near Block C7
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U/LR : TC1231025000016289F
Report No. : HECSL/AA/019/220425
Sample ID No : HR220425022
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date : 22/04/2025
Completed On : 28/04/2025
Report Date : 28/04/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	$\mu\text{g}/\text{m}^3$	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m^3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m^3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	$\mu\text{g}/\text{m}^3$	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m^3	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH_3	$\mu\text{g}/\text{m}^3$	7.95	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m^3	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO_2	$\mu\text{g}/\text{m}^3$	20.80	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O_3	$\mu\text{g}/\text{m}^3$	10.38	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 μm)	$\mu\text{g}/\text{m}^3$	52.06	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 μm)	$\mu\text{g}/\text{m}^3$	25.72	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO_2	$\mu\text{g}/\text{m}^3$	14.65	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, $\mu\text{g}/\text{m}^3$ - Micrograms per cubic meter, mg/m^3 - Milligrams per cubic meter, ng/m^3 - Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai – 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC1231025000016290F
Report No. : HECSL/WT/002/220425
Sample ID No : HR220425023
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date : 22/04/2025
Completed On : 28/04/2025
Report Date : 28/04/2025
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	10.20	IS 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	18.43	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	24.74	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	159.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.64	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO2	mg/l	14.7	IS 3025 Part 35: 1988 (Molybdo-silicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO4	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.



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ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : NA

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : S1 - C1 Block

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0

Sampling Method & Plan : ICARDA : 2013

U.I.R : TC1231025000016291F

Report No. : HECSL/SD/003/220425

Sample ID No : HR220425024

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date : 22/04/2025

Completed On : 28/04/2025

Report Date : 28/04/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.72	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	pS/cm	228.7	IS 14767: 2000
3	Organic Matter	%	0.68	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	22.0	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	8.26	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	25.26	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0158	IS 14684 Clause 4 1999
9	Copper	mg/Kg	1.64	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date:01.03.2021
10	Zinc	mg/Kg	0.27	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.
End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - CI Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/220425/N
Sample ID No : HR220425024
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date : 22/04/2025
Completed On : 28/04/2025
Report Date : 28/04/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/Kg	9.07	HECS-G/INS/SOP/ 042
2	Iron	mg/Kg	3.42	Inhouse method
3	Calcium Carbonate	%	0.926	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Air -I Near Block C7
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U/LR : TC1231025000017839F
Report No. : HECSL/AA/011/210525
Sample ID No : HR210525014
Sampling Date : 21/05/2025
Received Date : 21/05/2025
Commenced Date : 21/05/2025
Completed On : 27/05/2025
Report Date : 27/05/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2005	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	6.60	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO ₂	µg/m ³	18.83	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	12.52	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	49.72	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	24.06	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	8.37	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC12310250000017840F
Report No. : HECSL/WT/002/210525
Sample ID No : HR210525015
Sampling Date : 21/05/2025
Received Date : 21/05/2025
Commenced Date : 21/05/2025
Completed On : 27/05/2025
Report Date : 27/05/2025
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	9.72	IS 3025 Part 46: 1994 (Valometric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	17.63	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	21.77	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	151.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.61	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO2	mg/l	16.3	IS 3025 Part 35: 1988 (Molybdosilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO4	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.



D. Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,

Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : NA

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : S1 - C1 Block

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0

Sampling Method & Plan : ICARDA : 2013

U.L.R : TC1231025000017841F

Report No. : HECSL/SD/003/210525

Sample ID No : HR210525016

Sampling Date : 21/05/2025

Received Date : 21/05/2025

Commenced Date : 21/05/2025

Completed On : 27/05/2025

Report Date : 27/05/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.64	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	216.6	IS 14767: 2000
3	Organic Matter	%	0.63	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.8	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	7.92	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	23.47	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0176	IS 14684 Clause 4 1999
9	Copper	mg/Kg	7.15	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/Kg	0.165	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.
End of Report



D. Anusuya
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Down By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : SI - CI Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/210525/N
Sample ID No : HR210525016
Sampling Date : 21/05/2025
Received Date : 21/05/2025
Commenced Date : 21/05/2025
Completed On : 27/05/2025
Report Date : 27/05/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/Kg	9.17	HECS-G/INS/SOP/ 042
2	Iron	mg/Kg	4.28	Inhouse method
3	Calcium Carbonate	%	0.956	IS 2720 (Part 2): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Air -I Near Block C7
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000018300F
Report No. : HECS/AA/021/200625
Sample ID No. : HR200625024
Sampling Date : 20/06/2025
Received Date : 20/06/2025
Commenced Date : 20/06/2025
Completed On : 25/06/2025
Report Date : 25/06/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	8.50	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO ₂	µg/m ³	18.29	IS 5182 (Part 6) 2006.	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	11.56	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	53.38	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	21.63	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	12.81	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



D.Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragrya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai – 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC12310250000018301F
Report No. : HECSLWT/002/200625
Sample ID No : HR200625025
Sampling Date : 200625025
Received Date : 20/06/2025
Commenced Date : 20/06/2025
Completed On : 25/06/2025
Report Date : 25/06/2025
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	11.18	IS 3025 Part 46: 1984 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	18.43	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	23.75	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	16.0.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.51	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Relative silica as SiO2	mg/l	15.7	IS 3025 Part 35: 1988 (Molybdosilicate method, Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO4	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA- Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

End of Report

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - C1 Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

U.L.R : TC1231025000018302F
Report No. : HECSL/SD/003/200625
Sample ID No : HR200625026
Sampling Date : 20/06/2025
Received Date : 20/06/2025
Commenced Date : 20/06/2025
Completed On : 25/06/2025
Report Date : 25/06/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.86	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	186.0	IS 14767: 2000
3	Organic Matter	%	0.68	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.4	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	meq/100g	7.84	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	24.56	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0192	IS 14684 Clause 4 1999
9	Copper	mg/Kg	1.60	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/Kg	0.29	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.
End of Report



D.Anusuya
Lab Manager
Authorized Signatory

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Laboratory Services Division

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipeot IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : SI - CI Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/200625/N
Sample ID No : HR200625026
Sampling Date : 20/06/2025
Received Date : 20/06/2025
Commenced Date : 20/06/2025
Completed On : 25/06/2025
Report Date : 25/06/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1.	Manganese	mg/Kg	0.27	HECS-G/INS/SOP/ 042
2.	Iron	mg/Kg	3.96	Inhouse method
3.	Calcium Carbonate	%	0.922	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Air -1 Near Block C7
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U.L.R : TC1231025000019556F
Report No : HECSL/AA/003/250725
Sample ID No : HR250725006
Sampling Date : 25/07/2025
Received Date : 25/07/2025
Commenced Date : 25/07/2025
Completed On : 30/07/2025
Report Date : 30/07/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	6.53	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO ₂	µg/m ³	18.59	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	11.15	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	52.24	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	20.10	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	12.22	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



D.Anusuya
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-I Club House Open Well
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC12310250000019557F
Report No. : HECSL/WT/002/250725
Sample ID No : HR2050725007
Sampling Date : 25/07/2025
Received Date : 25/07/2025
Commenced Date : 25/07/2025
Completed On : 30/07/2025
Report Date : 30/07/2025
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	10.69	IS 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	20.04	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	25.73	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	165.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.84	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO2	mg/l	16.7	IS 3025 Part 35: 1988 (Molybdo-silicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO4	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

End of Report

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - C1 Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

U.L.R : TC1231025000019558F
Report No. : HECSL/SD/003/2507255
Sample ID No : HR250725008
Sampling Date : 25/07/2025
Received Date : 25/07/2025
Commenced Date : 25/07/2025
Completed On : 30/07/2025
Report Date : 30/07/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.46	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	188.4	IS 14767: 2000
3	Organic Matter	%	0.63	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	23.1	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	7.79	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	26.46	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0188	IS 14684 Clause 4 1999
9	Copper	mg/Kg	12.30	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date:01.03.2021
10	Zinc	mg/Kg	0.133	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.
End of Report



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Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : SI - CI Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/250725N
Sample ID No : HR250725008
Sampling Date : 25/07/2025
Received Date : 25/07/2025
Commenced Date : 25/07/2025
Completed On : 30/07/2025
Report Date : 30/07/2025
Sample quantity : 2 Kg

S.No	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/Kg	9.35	HECS-G/NS/SOP/ 042
2	Iron	mg/Kg	3.74	Inhouse method
3	Calcium Carbonate	%	0.978	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Air -I Near Block C7
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U.L.R : TC1231025000020038F
Report No : HECSL/AA/003/210825
Sample ID No : HR210825006
Sampling Date : 21/08/2025
Received Date : 21/08/2025
Commenced Date : 21/08/2025
Completed On : 26/08/2025
Report Date : 26/08/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	7.42	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	22.52	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	13.24	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	43.12	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	22.22	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	13.67	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - C1 Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000020040F
Report No. : HECSL/SD/003/210825
Sample ID No : HR210825008
Sampling Date : 21/08/2025
Received Date : 21/08/2025
Commenced Date : 21/08/2025
Completed On : 26/08/2025
Report Date : 26/08/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.96	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	229.7	IS 14767: 2000
3	Organic Matter	%	0.69	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.6	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	meq/100g	8.12	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	22.36	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0184	IS 14684 Clause 4 1999
9	Copper	mg/Kg	1.85	HECS-G/INS/SOP/ 042 Issue No. .01 Issue Date:01.03.2021
10	Zinc	mg/Kg	0.135	HECS-G/INS/SOP/ 042 Issue No. .01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.
End of Report



D.Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai – 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC12310250000020039F
Report No. : HECSI/WT/002/210825
Sample ID No : HR210825007
Sampling Date : 21/08/2025
Received Date : 21/08/2025
Commenced Date : 21/08/2025
Completed On : 26/08/2025
Report Date : 26/08/2025
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	9.23	IS 3025 (Part 46): 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	16.83	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	21.77	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	149.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.78	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO ₂	mg/l	14.2	IS 3025 Part 35: 1988 (Molybdisilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO ₄	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA

Note > BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

End of Report



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Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - C1 Block
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/210825N
Sample ID No : HR210825008
Sampling Date : 21/08/2025
Received Date : 21/08/2025
Commenced Date : 21/08/2025
Completed On : 26/08/2025
Report Date : 26/08/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/Kg	9.45	HECS-G/INS/SOP/ 042
2	Iron	mg/Kg	3.57	Inhouse method
3	Calcium Carbonate	%	0.927	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

End of Report



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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Air -I Near Block C7
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U.L.R : TC1231025000021145F
Report No. : HECSL/AA/003/100925
Sample ID No : HR100925006
Sampling Date : 10/09/2025
Received Date : 10/09/2025
Commenced Date : 10/09/2025
Completed On : 15/09/2025
Report Date : 15/09/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m ³	8.52	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m ³	34.75	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m ³	10.66	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	45.48	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	21.32	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m ³	10.10	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, ng/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

End of Report



D.Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 28.0 | Humidity (%) : 52.0
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC1231025000021146F
Report No. : HECSL/WT/002/210825
Sample ID No : HR100925007
Sampling Date : 10/09/2025
Received Date : 10/09/2025
Commenced Date : 10/09/2025
Completed On : 15/09/2025
Report Date : 15/09/2025
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	10.69	IS 3025 Part -6: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	18.43	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	23.75	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odeur	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	158.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.66	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO2	mg/l	16.8	IS 3025 Part 35: 1988 (Molybdosilicate method, Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO4	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

End of Report

D.Anusuya
Lab Manager
Authorized Signatory



Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing)
Recognized by CPCB (MoEF & CC)
BIS FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103,
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - C1 Block
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

U.L.R : TC1231025000021147F
Report No : HECSL/SD/003/100925
Sample ID No : HR100925008
Sampling Date : 10/09/2025
Received Date : 10/09/2025
Commenced Date : 10/09/2025
Completed On : 15/09/2025
Report Date : 15/09/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.84	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	206.8	IS 14767: 2000
3	Organic Matter	%	0.66	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.4	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	9.26	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	25.46	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0197	IS 14684 Clause 4 1999
9	Copper	mg/Kg	1.92	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/Kg	0.32	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage,
End of Report



D.Anusuya
Lab Manager
Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
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Laboratory Services Division

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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - DAFFODILS.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sruseri, Pudupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : S1 - C1 Block
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/100925/N
Sample ID No : HR100925008
Sampling Date : 10/09/2025
Received Date : 10/09/2025
Commenced Date : 10/09/2025
Completed On : 15/09/2025
Report Date : 15/09/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/Kg	9.53	HECS-G/BS/SOP/ 042
2	Iron	mg/Kg	3.96	Inhouse method
3	Calcium Carbonate	%	0.977	IS. 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

End of Report



D. Anusuya
Lab Manager
Authorized Signatory

S.No.	Item	Parameters	Frequency	Unit cost (Rs.)	Sampling /Year	Cost/Year (Rs.)
1	Ambient Air Quality	PM10, PM2.5, SO2 & NOx	Monthly	2800	24	67200
2	Noise Level	Equivalent Noise Level	Monthly	500	24	12000
3	Ground Water	Physical, Chemical and Bacteriological	Monthly	1800	24	43200
4	Soil	General Parameters	Monthly	5000	24	120000
Total						2,42,400

S.No.	Item	Parameters	Frequency	Unit cost (Rs.)	Samples/Year	Cost/Year (Rs.)
1	Air Quality	PM10, PM2.5, SO2 & NOx	Quarterly	2800	8	22,400
2	Noise Level	Equivalent Noise Level	Quarterly	500	8	4,000
3	Exhaust from DG sets	SPM, SO2	Quarterly	2000	24	48,000
4	Ground Water Analysis	Physical, Chemical and Bacteriological	Quarterly	1800	8	14,400
5	Waste Water analysis	pH, BOD, COD, TSS, TDS	Monthly	700	24	16,800
6	Soil Quality	General parameters	Quarterly	5000	8	40,000
7	Compost Quality	Nutrients, moisture, Ash, pathogens, Heavy metals	Monthly	15000	12	1,80,000
Total						3,25,600

Corporate Environmental Responsibility - As per CER OM F.No. 22-65/2017-IA.III dated: 01.05.2018, proponent will spend 141 Lakhs (which is 2% of the total project cost 70.52 Crores - <100 Crore for Greenfield projects).

S. No	CER Activities	Amount (in Lakhs)		
		2025-26	2026-27	Total
1.	<p>Mambakkam Government Higher Secondary School</p> <ul style="list-style-type: none"> • Painting of entire school • Sanitation facility & drinking water plant • Library & Solar lighting • Sanitary napkin incinerator • Construction of hand washing system • Avenue Plantation along the school boundary 	36	36	72
2.	<p>Government Higher Secondary School- Thaiyur</p> <ul style="list-style-type: none"> • Painting of entire school • Sanitation facility & drinking water plant • Library & Solar lighting • Sanitary napkin incinerator • Construction of hand washing system • Avenue Plantation along the school boundary 	36	33	69
	Total			141

STEPHEN AND ASSOCIATES

Consultants

STABILITY CERTIFICATE

Form of Certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Building (Licensing) Act, 1965 (Tamil Nadu Act, 13 of 1965) referred to in rule 4 of the Tamilnadu Public Buildings (Licensing) Rules 1966

1. Name & Door Number of building : M/s. Pragnya South City Projects Pvt Ltd
2. Location (Street number panchayat Road Union/Town ship/ Cantonment) : MR Radha Road, Siruseri Village, Vandaloor Taluk, Chengalpattu District – 603 103.
3. Year of Construction : 2023
4. Approximate cost of construction : INR. 68 Crores
5. Purpose for which the building is being use or proposed to be used : Additional Residential Building
6. Details of Construction of the Building (Particulars of the foundation soil specification of the various parts under)
 - a. Foundation : Raft Foundation
 - b. Basement : Nil
 - c. Super structure : RCC Column, Beams and Walls [Block Daffodils / C2 – Stilt 1 + Stilt 2 + 18 Floors, Car Parking Block CS6 – Stilt1 + Stilt 2]
 - d. Floor and roof : RCC Slabs [Block Daffodils / C2 – Stilt 1 + Stilt 2 + 18 Floors, Car Parking Block CS6 – Stilt1 + Stilt 2]
7. Period for with license required : 8 Years
8. No of persons to be accommodated : 1440

Signature of the Structural Engineer



S. STEPHEN, BE., M.Sc., (Engg) M.I.E.,
Structural Engineer Grade - I (SE)
Registration No. SE/GR-I/20/02/001
Mamallapuram Local Planning Authority
AL-88, Anna Nagar, Chennai – 600 040.
Mobile: 98409 98120
Email: sjs@stephenandassociates.com

STEPHEN AND ASSOCIATES

Consultants

STATEMENT ACCOMPANYING FORM 'A'

1. Name & Door Number of building : M/s. Pragnya South City Projects Pvt Ltd
2. Location (Street number panchayat Road Union/Town ship/Cantonment) : MR Radha Road, Siruseri Village, Vandaloor Taluk, Chengalpattu District - 603103
3. Year of Construction : 2023
4. Approximate cost of construction : INR. 68 Crores
5. Purpose for which the building is being use or proposed to be used : Additional
6. Details of Construction of the Building (Particulars of the foundation soil specification of the various parts under)
 - a. Foundation : Raft Foundation
 - b. Basement : Nil
 - c. Super structure : RCC Column, Beams and Walls [Block Daffodils / C2 - Stilt 1 + Stilt 2 + 18 Floors, Car Parking Block CS6 - Stilt1 + Stilt 2]
 - d. Floor and roof : RCC Slabs [Block Daffodils / C2 - Stilt 1 + Stilt 2 + 18 Floors, Car Parking Block CS6 - Stilt1 + Stilt 2]
7. Period for with license required : 8 Years
8. No of persons to be accommodated : 1440

Signature of the Structural Engineer



S. STEPHEN, BE., M.Sc., (Engg) M.I.E.,
Structural Engineer Grade - I (SE)
Registration No. SE/GR-1/20/02/001
Mamallapuram Local Planning Authority
AL-88, Anna Nagar, Chennai - 600 040.
Mobile: 98409 98120
Email: sjs@stephenandassociates.com

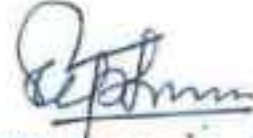
STEPHEN AND ASSOCIATES

Consultants

FORM – 'B'

I certify that the proposed additional construction of Multi Storied Residential building with Block Daffodils / C2 [Stilt 1 + Stilt 2 + 18 Floors] and Car Parking Block CS6 – Stilt1 + Stilt 2] at M/s. Pragnya South City Projects Pvt Ltd at Siruseri village comprised in Survey Numbers: - 134/2A, 134/2B, 135/1, 135/2, 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7, 138/1, 138/2A, 138/2B1, 138/2B2 and 138/5B will be structurally sound to be used for the purpose noted in the statement based on the design calculation. Also, the structural soundness of the building had been verified taking in to account the loading as per the latest Indian standards and as per IS -875-1987 and IS 1893. Part 4 of earth quake standards and IS 800 – 2007 for steel.

Signature of the Structural Engineer



S. STEPHEN, BE., M.Sc., (Engg) M.I.E.,
Structural Engineer Grade - I (SE)
Registration No. SE/GR-I/20/02/001
Mamallapuram Local Planning Authority
AL-88, Anna Nagar, Chennai – 600 040.
Mobile: 98409 98120
Email: sjs@stephenandassociates.com

STEPHEN AND ASSOCIATES

Consultants

FORM - 'C'

Form of Certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Building (Licensing) Act, 1965 (Tamil Nadu Act, 13 of 1965) referred to in rule 4 of the Tamilnadu Public Buildings (Licensing) Rules 1966

1. Foundation

- | | | |
|---|---|--|
| i. Depth below ground level | : | -3.21m |
| ii. Nature of the soil sent out in foundation level | : | Brownish Yellow, Moist, V.Dense, Residual Soil/Completely Weathered Rock, Descent from Chanrockite |
| iii. Pressure at foundation | : | 230kN/m ² |
| iv. Probable safe bearing capacity of statement at the foundation | : | 250kN/m ² |

2. Superstructure

- | | | |
|---|---|---|
| i. Maximum pressure in the most critical section of concrete | : | 230kN/m ² |
| ii. Maximum permissible stress in RCC M20 in the Critical section of the Structure | : | $\sigma_{cb} - 9.3 \text{ N/mm}^2$ & $\sigma_{cc} - 7.8 \text{ N/mm}^2$ |
| iii. Nature of Brickwork masonry 1:6 and its stress Maximum permissible stress in Brick masonry | : | No Brickwork used. |

The structural soundness of the building has been verified by myself with reference to ISI loading standards IS:875 (Latest Version) and other relevant Indian Standards Code of Practice and I declare that the proposed Building is a RCC structure with column, beams, walls and slabs. The structure Design and Drawing for the building were prepared by us conforming to the relevant Bureau of Indian Standards viz., is 456. 2000 for plan and reinforced Concrete IS 875 (part II) for imposed loads.

I certify the building constructed according to our structural designs and drawings is structurally safe against earthquake and fit for occupation.

Signature of the Structural Engineer



S. STEPHEN, BE., M.Sc. (Engg) M.I.E.,
Structural Engineer Grade - I (SE)
Registration No. SE/GR-I/20/02/001
Mamallapuram Local Planning Authority
AL-88, Anna Nagar, Chennai - 600 040.
Mobile: 98409 98120
Email: sjs@stephenandassociates.com



Dr Devdas Menon
Professor

Structural Engineering Division
Department of Civil Engineering
Indian Institute of Technology, Madras
Chennai 600 036, INDIA.

☎ : +91(44) 2257 4253 (off), 2257 6253 (res), 2257 5286 (fax)

Email : dmenon@iitm.ac.in, devdasm@gmail.com

Website : <http://www.devdasmenon.com>

April 27, 2012

This is to certify that the Structural Design and drawings of Tower C Block prepared by M/s STEPHEN AND ASSOCIATES, Chennai, Structural Consultant for L & T South City Projects for their "Residential Township - Phase II of Eden Park at Siruseri" has been proof checked and verified by us. The same is found to be in order.

Dr Menon

Prof DEVDAS MENON

A. Meher Prasad

Prof A.MEHER PRASAD

Construction worker in Channel killed while carrying out repairs at his house

Police and a utility worker the day after the fatal accident. The worker, who was carrying out repairs at his house, was killed after a concrete pipe fell on him while he was working on the roof. The worker, who was carrying out repairs at his house, was killed after a concrete pipe fell on him while he was working on the roof. The worker, who was carrying out repairs at his house, was killed after a concrete pipe fell on him while he was working on the roof.

Metrowater depot office in Adyar to be shifted to facilitate CML work

Construction work at the Metrowater depot office in Adyar is to be shifted to a new location to facilitate the work of the Chennai Metropolitan Water Supply Corporation Limited (CMWL). The office is to be shifted to a new location to facilitate the work of the Chennai Metropolitan Water Supply Corporation Limited (CMWL).

Disabled Activist Honoured for His Social Work



Johnson, who is a disabled activist, has been honored for his social work. He has been working for the past several years to help the disabled community in Chennai. He has been working for the past several years to help the disabled community in Chennai.

BIRTHDAY WISHES

Happy birthday to our Mayor

Let us once again join in the celebration of the birth of our Mayor, Mr. R. G. Thangaraj. He has been serving the people of Chennai for the past several years. He has been serving the people of Chennai for the past several years.

Happy birthday to our Mayor

Let us once again join in the celebration of the birth of our Mayor, Mr. R. G. Thangaraj. He has been serving the people of Chennai for the past several years. He has been serving the people of Chennai for the past several years.



Let us once again join in the celebration of the birth of our Mayor, Mr. R. G. Thangaraj. He has been serving the people of Chennai for the past several years. He has been serving the people of Chennai for the past several years.

Let us once again join in the celebration of the birth of our Mayor, Mr. R. G. Thangaraj. He has been serving the people of Chennai for the past several years. He has been serving the people of Chennai for the past several years.

PUBLIC NOTICE

Public Notice
This notice is given to inform the public that the City of Los Angeles is planning to hold a public hearing on the proposed amendments to the City Charter. The hearing will be held on the date mentioned below.

Public Notice
This notice is given to inform the public that the City of Los Angeles is planning to hold a public hearing on the proposed amendments to the City Charter. The hearing will be held on the date mentioned below.



Date: 07th August 2025

To,

The Preseident,
Siruseri Village Panchayat, Thiruporur Panchayat Union,
Vandalur Taluk, Chengalpattu District - 600 103.

Sir,

Sub: Pragnya Eden Park Residential Township, Phase 2 - Proposed construction of High-Rise Residential Building Daffodils / Block C2 at Siruseri Village, Vandalur Taluk, Chengalpattu District – Regarding Submission of copy of Environmental Clearance issued by SEIAA.

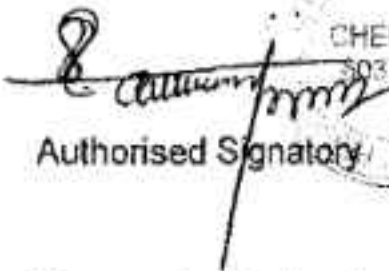
We submit that, we have been instructed to hand over the copy of Environmental Clearance issued by SEIAA [Ref EC Identification No. EC24B038TN111056 dated 25/01/2024 and Letter No. SEIAA-TNF.No.9972/EC/8(a)/1002/2024 dated 10.01.2024] for the proposed construction of High-Rise Residential Building Daffodils / Block C2 at Siruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu.


Therefore, we herewith furnish the copy of the above referred Environmental Clearance and we request you to kindly acknowledge the receipt of the same.


Thanking you,

Yours truly,

For M/s. Pragnya South City Projects Pvt Ltd,


Authorised Signatory




நலைவர்
சுயுசேர் ஊராட்சி
திருப்போரூர் ஊராட்சி ஒன்றியம்
செங்கல்பட்டு மாவட்டம்

Documents Enclosed:

- 1) Copy of Environmental Clearance [Ref: EC Identification No. EC24B038TN111056 dated 25/01/2024 and Letter No. SEIAA-TNF.No.9972/EC/8(a)/1002/2024 dated 10.01.2024]

உதவி இயக்குநர் /உறுப்பினர் செயலர்,மாவட்ட நகர் ஊரமைப்பு அலுவலகம்
மாமல்புரம் உள்நூர் திட்ட குழுமம், செங்கல்பட்டு அவர்களின் நடவடிக்கைகள்
முன்னிலை:திருகராகுல் குமார், M.E,

நக.எண்.2064/2022/மாஉ.திரு.(செமா5)

நாள்.27.03.2023

பொருள்:

திருத்திய மற்றும் கூடுதல் பஸமாடி குடியிருப்பு கட்டிடம் - மாவட்ட நகர் ஊரமைப்புத்துறை அலுவலகம். செங்கல்பட்டு,மாமல்புரம் உள்நூர் திட்டக் குழுமம் - செங்கல்பட்டு மாவட்டம், வண்டலூர் வட்டம், திருப்போளூர் ஊராட்சி ஒன்றியம், சிறுசேரி கிராமம்/ஊராட்சி, சர்வே எண்கள். 123: 127/1, 2, 3: 130/1A, 1B, 10, 11, 12, 13, 14, 15B, 16, 17A1B, 17A2, 17B1, 17B2, 17B3, 18, 19, 20: 131, 132/1A, 1B, 2, 3: 133: 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B: 135/1, 2: 136/1, 2, 3, 4, 5, 6A, 6B, 6C, 7: 137/1, 2: 138/1, 2A, 2B1, 2B2, 3, 4, 5A, 5B: 139/2Dpt, 3, 4pt, 5, 6, 7, 8, 9, 10: 151/3pt: 153/1, 2A, 2B, 3, 4, 5, 6: 154/1, 2: 155/1, 2: 156/1, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A, 9B1B, 9B2, 10B, 11: 157/1pt, 2pt, 3pt, 4pt, 5pt, 6pt: 158/1pt, 2pt: 159/2pt, 159/5pt, 7pt, 8pt, 11pt, 12: 160/1pt, 2A1pt, 2A2, 2B, 3, 4, 5A, 5B, 6: 161: 162: 163/2pt, 4Apt, 4Bpt, 5pt, 6 மற்றும் புதுப்பாக்கம் கிராமம்/ஊராட்சி சர்வே எண்கள். 90/3A1A, 3A1B pt -மொத்த பரப்பு 1,87,827 ச.மீ மனையில் ஏற்கனவே ஒப்புதல் பெற்ற மொத்த மனையிடத்தில், தற்பொழுது சர்வே எண்கள்.134/2A, 134/2B, 135/1, 135/2: 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7: 138/1, 138/2A, 138/2B1, 138/2B2, 138/5B-ல் அமையும் C2 (Daffodils), 2 - Stilt - 18 Floors மற்றும் CS6 (Car Parking Block) Stilt 1. 2 கட்டிடப் பரப்பு 36,624.29 ச.மீ-ல் அமையும் உத்தேச திருத்திய மற்றும் கூடுதல் பஸமாடி குடியிருப்பு கட்டுமானத்திற்கு நகர் ஊரமைப்பு இயக்குநர், சென்னை அவர்களால் தொழில் நுட்ப இசைவு அளிக்கப்பட்டது - திட்ட அனுமதி வழங்குதல் - தொடர்பாக.

பார்வை:

1. மனுதாரர் M/s.Pragnya South City Projects Private Limited, சென்னை அவர்களின் கடிதம் மற்றும் இணைப்புகள் நாள்.22.02.2022.
2. இணை இயக்குநர்/உறுப்பினர் செயலர்(பொ), மாவட்ட நகர் ஊரமைப்பு அலுவலகம் அவர்களின் கடிதம் நக.எண்.2064/2022/மாஉ.திரு (செமா-5), நாள்:23.06.2022 மற்றும் 18.11.2022 (நகர் ஊரமைப்பு இயக்குநர், சென்னை அவர்களுக்கு சமர்ப்பிக்கப்பட்டது)

3. நகர் ஊரமைப்பு இயக்குநர், சென்னை அவர்களின் கடிதம் ந.க.எண்.13163/2022-சிபி, நாள்:29.11.2022.
4. அரசாணை எண். 18, நகராட்சி நிர்வாகம் மற்றும் குடிநீர் வழங்கல் துறை நாள்:04.02.2019
5. அரசாணை எண். 16, நகராட்சி நிர்வாகம் மற்றும் குடிநீர் வழங்கல் துறை நாள்:31.01.2020.
6. அரசாணை (நிலை) எண்.86, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்:28.03.2012.
7. அரசாணை (நிலை) எண்.01, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்:05.01.2021.
8. அரசாணை (நிலை) எண்.85, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்: 16.05.2017.
9. அரசாணை எண்.54, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்.12.03.2020.
10. நகர் ஊரமைப்பு ஆணையர் அவர்களின் சுற்றறிக்கை ந.க.எண்.7486/2009/பிஏ2, நாள்.16.04.2009
11. நகர் ஊரமைப்பு ஆணையர் அவர்களின் சுற்றறிக்கை ந.க.எண்.21075/2009 பிஏ1, நாள்.27.06.2012.
12. நகர் ஊரமைப்பு ஆணையர் அவர்களின் சுற்றறிக்கை ந.க.எண். 12201/2017 பிஏ1, நாள்.22.09.2017.
13. நகர் ஊரமைப்பு ஆணையர் அவர்களின் சுற்றறிக்கை ந.க.எண். 14227/2017 சிபி, நாள் 14.12.2017.
14. நகர் ஊரமைப்பு இயக்குநர் அவர்களின் சுற்றறிக்கை ந.க.எண்.14084/2017/ சிபி, நாள்:22.01.2021.
15. அரசாணை (நிலை) எண்.166, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்:29.11.2018. (Insisting TNRERA Registration)
16. அரசாணை (நிலை) எண்.141, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்:23.09.2020.
17. அரசாணை (நிலை) எண்.19, வீட்டு வசதி மற்றும் நகர்புற வளர்ச்சித் துறை நாள்:02.03.2022. (Tamil Nadu Town and Country Planning Act 2022 (Tamil Nadu Act 12, of 2022).

18. இவ்வலுவக கேட்பு கடிதம் இதே எண், நாள். 07.12.2022, 22.02.2023 மற்றும் 03.03.2023 (கட்டணங்கள் செலுத்தக் கோரியது)
19. மனுதாரர் M/s.Pragnya South City Projects Private Limited, அவர்களின் கடிதம்:07.02.2023 மற்றும் 09.03.2023 (கட்டணங்கள் செலுத்தப்பட்டது)
20. 180-வது மாமல்புரம் உள்ளூர் திட்டக் குழும சவுட்டம் தீர்மானம் எண்.04, நாள்.15.03.2023.
21. Airports Authority of India, No Objection Certificate for Height Clearance Noc id. Chen/South/ B/060922/ 676840, Dated:22.07.2022.
22. தமிழ்நாடு தீயணைப்பு மற்றும் மீட்பு பணிகள் துறை சென்னை அவர்களின் கடிதம் K.Dis.No:13544/C1/2022, Dated:27.09.2022, R.Dis. No:7943/C1/2022, Dated:04.08.2022 P.P.Noc:112/2022
23. Extract of the minutes of the meeting held on 29.07.2022, Subject No:2
24. Environmental Clearance (EC) SELAA.T.N., Member Secretary Letter No.SELAA/TN/F/509/EC/8(b)/230/2012, dated:07.11.2023.
25. Wing Commander Senior ATC Officer Letter TAM/5218/1/ATC(PC-37/19), Dated:02.07.2019.

உத்திரவு:-

செங்கல்பட்டு மாவட்டம், வண்டலூர் வட்டம், திருப்போரூர் ஊராட்சி ஒன்றியம், சிறுசேரி கிராமம்/ஊராட்சி, சர்வே எண்கள். 123; 127/1, 2, 3; 130/1A, 1B, 10, 11, 12, 13, 14, 15B, 16, 17A1B, 17A2, 17B1, 17B2, 17B3, 18, 19, 20; 131, 132/1A, 1B, 2, 3; 133; 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B; 135/1, 2; 136/1, 2, 3, 4, 5, 6A, 6B, 6C, 7; 137/1, 2; 138/1, 2A, 2B1, 2B2, 3, 4, 5A, 5B; 139/2Dpt, 3, 4pt, 5, 6, 7, 8, 9, 10; 151/3pt; 153/1, 2A, 2B, 3, 4, 5, 6; 154/1, 2; 155/1, 2; 156/1, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A, 9B1B, 9B2, 10B, 11; 157/1pt, 2pt, 3pt, 4pt, 5pt, 6pt; 158/1pt, 2pt; 159/2pt, 159/5pt, 7pt, 8pt, 11pt, 12; 160/1pt, 2A1pt, 2A2, 2B, 3, 4, 5A, 5B, 6; 161; 162; 163/2pt, 4Apt, 4Bpt, 5pt, 6 மற்றும் புதுப்பாக்கம் கிராமம்/ஊராட்சி சர்வே எண்கள். 90/3A1A, 3A1B pt -மொத்த பரப்பு 187,827 ச.மீ மனையில் ஏற்கனவே ஒப்புதல் பெற்ற மொத்த மனையிடத்தில், தற்பொழுது சர்வே எண்கள்.134/2A, 134/2B, 135/1, 135/2; 136/1, 136/2, 136/3, 136/4, 136/5, 136/6A, 136/6B, 136/7; 138/1, 138/2A, 138/2B1, 138/2B2, 138/5B-ல் அமையும் C2 (Daffodils), 2 - Stilt , 18 Floors மற்றும் CS6 (Car Parking Block) Stilt 1, 2 கட்டிடப் பரப்பு 36,624.29 ச.மீ-ல் அமையும் உத்தேச திருத்திய மற்றும் கட்டுதல் பணமாக குடியிருப்பு கட்டுமானத்திற்கு பரப்பு விவரங்கள் பின்வருமாறு அமைகிறது.

Area Statement:-

Site Extent (Already approved) - 1,87,827.00 sq.m

Floor name	FSI area in sq.m	Parking area
Daffodils Block – Revised:-		
1 st Stilt	-	4136.34
2 nd Stilt	-	4136.34
1 st Floor	2033.16	-
2 nd Floor	2033.16	-
3 rd Floor	2033.16	-
4 th Floor	2033.16	-
5 th Floor	2033.16	-
6 th Floor	2033.16	-
7 th Floor	2033.16	-
8 th Floor	2033.16	-
9 th Floor	2033.16	-
10 th Floor	2033.16	-
11 th Floor	2033.16	-
12 th Floor	2033.16	-
13 th Floor	2033.16	-
14 th Floor	2033.16	-
15 th Floor	2033.16	-
16 th Floor	2033.16	-
17 th Floor	2033.16	-
18 th Floor	2033.16	-
Total	36596.88	8272.68
Cs-6 (car Parking Block)		
Floor name	FSI area in sq.m	Parking area
Stilt Floor -1	-	1579.27
Stilt Floor-2	-	2011.40
Total	-	3590.67
DG & Meter Room (C)	27.41	-
Total	36624.29	11863.35

Total FSI Area (Existing FSI area + FSI area) = 1,75,951.38 sq.m + 36,624.29 sq.m
= 2,12,575.67 sq.m

செய்தல்கள்
 15.01.2024 13.57
 அலுவலர்
 197

மேற்கண்ட கூடுதல் பலமாடி குடியிருப்பு உபயோக கட்டுமான வரைபடத்திற்கு க.வ/ந.ஊ.இ.எண்:422/2022 என எண்ணிட்டு தொழில்நுட்ப இசைவு அளிக்கப்பட்டதினை தொடர்ந்து, கூடுதல் பலமாடி குடியிருப்பு உபயோக கட்டுமானத்திற்கு நிபந்தனைகள் மற்றும் சிறப்பு நிபந்தனைகளின் அடிப்படையில் நகர் ஊரமைப்பு சட்டம் 1971, பிரிவு 49-ன் கீழ், க.வ/மா.உ.தி.கு.(செ.மா) எண்.19/2023 (9 தாள்கள்) என எண்ணிடப்பட்டு திட்ட அனுமதி வழங்கப்படுகிறது.

இந்த திட்ட அனுமதி நகர் ஊரமைப்புச் சட்டம் (Amendment) 2022 (Tamil Nadu Act 12 of 2022) 1971, பிரிவு 50-ன் படி திட்ட அனுமதி வழங்கப்பட்ட தினத்திலிருந்து 27.03.2023 முதல் 26.03.2031 வரை எட்டு ஆண்டுகளுக்கு மட்டுமே செல்லத்தக்கதாகும்.

பார்வை 20-ல் கண்ட மாமல்லபுரம் உள்ளூர் திட்ட குழும கூட்ட தீர்மானத்தின் படி, இவ்வுத்தேசத்திற்கு திட்ட அனுமதி வழங்கப்படுகிறது.

பார்வை 4 முதல் 9 வரை உள்ள அரசாணைகள் மற்றும் பார்வை 18-ல் கண்ட இவ்வலுவலக கேட்பு வரைவுகள் மூலம் மனுதாரரிடம் அரசுக்கு செலுத்தப்பட வேண்டிய கட்டணங்கள் கோரப்பட்டு, பார்வை 19-ல் கண்ட மனுதாரரின் கடிதம் மூலம் அதற்கான கட்டணத் தொகை விபரம் கீழ்க்காண்டவாறு பெறப்பட்டுள்ளது.

1. கூராய்வு கட்டணம்: ரூ.73,500/-க்கான SBI Collect Reference No: DUJ1357715, நாள். 09.06.2022 மற்றும் மீதம் உள்ள தொகை ரூ.23,500/-க்கான SBI Collect Reference No: DUK4066344, நாள்.11.01.2023-ல் செலுத்தப்பட்டு அதற்கான விவரம் பெறப்பட்டுள்ளது.
2. அபிவிருத்தி கட்டணம்: ரூ.5,83,000/-க்கான SBI Collect Reference No:DUK4067502, நாள்.11.01.2023 மற்றும் காலதாமத வட்டி ரூ.6000/-க்கான SBI Collect Reference No:DUK6039800, நாள்.03.03.2023-ல் செலுத்தப்பட்டு அதற்கான விவரம் பெறப்பட்டுள்ளது.
3. நன்னிலை வரி கட்டணம்: ரூ.30,000/-க்கான Challan No.20230113006172, Payable at Chengalpattu, E-Challan மூலம் நாள்.20.01.2023 -ல் பெறப்பட்டுள்ளது.

4. **Display Broad கட்டணம்:** ரூ.10,000/-க்கான SBI Collect Reference No:DUK4067184, நாள்.11.01.2023-ல் செலுத்தப்பட்டு அதற்கான விவரம் பெறப்பட்டுள்ளது.
5. **I&A தொகை:** ரூ.1,38,75,000/-க்கான Challan No.20230203005212, Payable at Chengalpattu, E.Challan மூலம் நாள்.07.02.2023 மற்றும் காலதாமத வட்டி ரூ.1,82,500/- க்கான Challan No.20230306008038, Payable at Chengalpattu, E-Challan மூலம் நாள்.08.03.2023-ல் செலுத்தப்பட்டு அதற்கான விவரம் பெறப்பட்டுள்ளது.
6. **Completion Certificate:** ரூ.5,23,000/-க்கான SBI Collect Reference No:DUK4067715, நாள்.11.01.2023-ல் செலுத்தப்பட்டு அதற்கான விவரம் பெறப்பட்டுள்ளது.
7. **Security Deposit :** ரூ.69,37,500-க்கான SBI Collect Reference No: DUK4134875, நாள்.13.01.2023-ல் செலுத்தப்பட்டு அதற்கான விவரம் பெறப்பட்டுள்ளது.
8. **Shelter Fund கட்டணம்:** ரூ.21,60,000/-க்கான Challan No.20230113006332, Payable at Chengalpattu, E.Challan மூலம் நாள்.20.01.2023 -ல் பெறப்பட்டுள்ளது.

சிறப்பு நிபந்தனைகள்:-

1. உத்தேச மனை இடத்தில் ஏற்கனவே ஒப்படைப்பு செய்யப்பட்ட OSR 1 மற்றும் OSR 2 இடம் 18786.72 ச.மீ உள்ளதனை ஆக்கிரமிப்பு இன்றி உள்ளாட்சிக்குரிய இடமானவே நிலைநிறுத்தப்பட வேண்டும்.
2. It is responsibility of the builders to ensure safe bearing capacity of the soil and adequacy of the foundations.
3. மத்திய மற்றும் மாநில அரசு துறையிடமிருந்து பெறப்பட்ட தடையின்மை சான்றிதழில் குறிப்பிடப்பட்டுள்ள நிபந்தனைகள் அனைத்தும் கண்டிப்பாக நிறைவேற்றி செய்யப்பட வேண்டும்.
4. Planning Permission is issued in accordance with the provisions of the Town and Country Planning Act and the rules made there under and does not cover the structural stability aspects including the safety during the construction which

are covered under the Building Rules under the Local bodies Act. Planning Permissions is issued subject to the condition that the applicant / developer and also the architects / Licensed Surveyors and the Structural Engineer associated with the development shall ensure that developments shall be structurally sound and adequate safety measures are taken during the process of construction.

5. Applicant should obtain consent from Tamil Nadu Pollution Control Board Under Section 25 of the Water Act 1974 for discharge of sewage.

6. நகர் ஊரமைப்பு துறை சட்டப்பூர்வமாக தொழில் நுட்ப அனுமதி/திட்ட அனுமதி அளிப்பதன் மூலம் விண்ணப்பதாரரின் போரில் உள்ள நில உரிமையை உறுதிப்படுத்தவில்லை. தொழில் நுட்ப அனுமதி மற்றும் திட்ட அனுமதி அளிப்பதற்கு முன்பு விண்ணப்பதாரரின் விண்ணப்பத்துடன் சமர்ப்பித்த ஆவணங்களில் (கிரையப் பத்திரம், குத்தகை பத்திரம், பட்டா, தானப்பத்திரம் பொது அதிகார பத்திரம் மேலும் பல) விண்ணப்பதாரர் வளர்ச்சி செய்ய உரிமையுள்ளதா என்று மட்டுமே சரிபார்க்கப்படுகிறது. அதன் மூலம் முதற்கட்டமான விண்ணப்பதாரருக்கு வளர்ச்சி செய்ய உரிமை உள்ளதா என்று பார்க்கப்படுகிறது.

சொத்தினை வாங்க விரும்பும் எந்த நபரும், விண்ணப்பதாரருக்கு சொத்தின் மீது உள்ள உரிமையை தனியாக உறுதிப்படுத்திக் கொள்ள வேண்டும். மேலும், அதன் மேல் வேறு யாரேனும் தனி நபர் உரிமை கோரினால் அவர்கள் அதனை பொருத்தமான தகுதியுள்ள நீதிமன்றத்தின் முன் தீர்த்துக்கொள்ளலாம் இதனை முடிவு செய்ய நகர் ஊரமைப்பு துறை பொருத்தமான அமைப்பு அல்ல.

7. The provisions in the G.O.(Ms), No.17: Housing and Urban Development (UD4)(3) Department dated: 05.02.2016 relating to installation and use of solar energy system should be followed.

8. EIA Clearance தடையின்மை சான்றில் குறிப்பிட்டுள்ள நிபந்தனைகள் அனைத்தும் நிறைவு செய்யப்பட வேண்டும்.

9. Space for establishment of substation in one site as per TANGEDCO rule should be provided in the site.

நிபந்தனைகள்:

1. உத்தேச கட்டுதல் பரமபடி குடியிருப்பு கட்டுமானத்திற்கு Solar Water Heating System அமைக்கப்பட வேண்டும்.
2. வரைபடத்தில் உத்தேசிக்கப்பட்டவாறு வாகனம் நிறுத்துமிடம் அந்த பயனுக்காகவே பயன்படுத்தப்பட வேண்டும்.
3. மனையில் காட்டப்பட்டுள்ள திறவிடங்கள் அதன்படியே நிறை நிறுத்தப்படவேண்டும்.
4. தற்போது ஒப்புதல் பெறப்பட்ட வரைபடத்திற்கு மாறாக கட்டிடத்தில் எவ்வித மாற்றமும் செய்தல் கூடாது. மாற்றங்கள் ஏதேனும் செய்வதாக இருந்தால் இவ்வலுவலகத்தின் முன் அனுமதி பெறப்பட வேண்டும்.
5. மழைநீர் சேகரிப்பு வசதிகள் வரைபடத்தில் காட்டப்பட்டுள்ளவாறும், அரசாணை எண்.18, மற்றும் 16 நகராட்சி நிர்வாகம் மற்றும் குடிநீர் வழங்கல் துறை நாள்: 04.02.2019 மற்றும் 31.01.2020-ன் படி கட்டிடத்தில் செயல்படுத்தப்பட வேண்டும்.
6. உத்தேச கட்டிடத்தில் இருந்து வெளியேறும் கழிவுநீர் தனியார் வாகனங்கள் மூலம் வெளியேற்றவும், குடியிருப்போருக்கு பாதுகாக்கப்பட்ட குடிநீர் வசதிகள் மற்றும் இதர தேவைக்கான நீர் வசதிகள் ஆகியவை மனுதாரர் தனது சொந்த செலவில் செய்து தர வேண்டும்.
7. மனையில் அமையும் குடிநீர் மேல்நிலைத் தொட்டி மற்றும் கிணறு ஆகியவற்றுக்கு கொள் தடுப்பு சாதனம் பொருத்தப்பட வேண்டும்.
8. உத்தேச கட்டுமானத்தில் விதிப்படி தேவையான அளவுக்கு தீ தடுப்பு மற்றும் தீயணைப்பு சாதனங்கள் அமைக்கப்பட வேண்டும்.
9. அரசாணை எண்.341, நகராட்சி நிர்வாகம் மற்றும் குடிநீர் வழங்கல் (நநி.1) துறை நாள்: 03.11.2004-ன் படி செட்டிக் டேங்கில் 'U' Trap அமைத்தல் வேண்டும்.
10. சுற்றுச் சூழல் மற்றும் வனத்துறை அறிவிக்கையின் படி உத்தேச கட்டிடத்திற்கு Fly Ash Bricks மற்றும் Materials பயன்படுத்தப்பட வேண்டும்.
11. அங்கீகரிக்கப்பட்ட வரைபடத்தின் நகல் (உண்மை நகல்) கட்டுமானங்கள் நடைபெறும் போது அவ்விடத்தில் அனைவருக்கும் தெரியும் வகையில் பலகையில் நிறுவப்பட்டிருக்க வேண்டும்.

12. கட்டிடம் கட்டப்படும் போது அரசு அங்கீகாரம் பெற்ற டிசைன் ஒப்பந்ததாரர் மூலம் ஒப்பில்
செய்யப்பட வேண்டும்.

திட்ட அனுமதி அளிக்கப்பட்ட உத்தரவு கடிதம் மற்றும் வரைபடங்கள் தயார் செய்து
தொகுப்புகள் தீர்மானம் தீர்மானத்து அனுப்பப்படுகிறது.

மனுதாரர் பெறக்கொண்டு தகவல்கள் சிறுசேரி ஊராட்சி மற்றும் கிராமம்
திருப்போலூர் ஊராட்சி ஒன்றியம் அவர்களை அனுசூலித்து தெரிவிக்கப்படுகிறார் மேலும்
திட்ட அனுமதி அளிக்கப்பட்ட உத்தரவு கடிதம் மற்றும் வரைபடங்கள்
பெற்றுக்கொண்டதற்கான ஒப்புகள் சான்றிதனை தீர்மானம் தீர்மானத்து அனுப்பி
வைக்குமாறு தகவல்கள் சிறுசேரி ஊராட்சி மற்றும் கிராமம், திருப்போலூர் ஊராட்சி ஒன்றியம்
அவர்களை கேட்டுக் கொள்ளப்படுகிறது.

உதவி இயக்குநர் உறுப்பினர் செயலர்,
மாமல்புரம் உருளூர் திட்டக் குழுமம்
மாவட்ட நகர் அரண்மனை அலுவலகம்,
செங்கப்பட்டு மாவட்டம்.

24/3/23

24-3-23

இணைப்பு:
திட்ட அனுமதி வழங்கப்பட்ட
வரைபடங்கள் 2 தொகுப்பு (2x9=18 Nos)

பெற்றார்:
தகவல்கள்,
சிறுசேரி ஊராட்சி (ம) கிராமம்
திருப்போலூர் ஊராட்சி ஒன்றியம்
செங்கப்பட்டு மாவட்டம்.

- நகல்:
1. M/s. Pragnya south city Project (P) Ltd,
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Ph.No: Ph.No:9841923201
 2. The Tamil Nadu Real Estate Regulatory
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No:1A, 1st Floor, Gandhi Irwin Bridge Road,
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