

Date: 09-07-2024

To,

**The Member Secretary,**  
**State Environment Impact Assessment Authority (SEIAA),**  
Department of Environment, Government of Maharashtra,  
217, 2nd Floor, Mantralaya Annex Building, Madam Cama Road,  
Mantralaya, Mumbai – 400 032. Maharashtra

**Sub : Submission of Six-monthly compliance reports as per terms & conditions Stipulated in Environmental clearance letter for proposed Residential development with commercial component at plot bearing CTS. No. 395, 395/1 to 10 at Deonar, Mumbai, Maharashtra.**

**Ref. No. : Environment clearance no. SIA/MH/MIS/117641/2019, dated: 31/03/2020.**

Respected Sir/Madam,

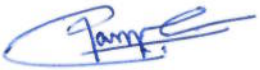
In reference to the above referred letter of your highly revered office we would like to submit the Current status of our construction work and point-wise compliance status to various stipulations in its Clearance letter no. **SIA/MH/MIS/117641/2019, dated: 31/03/2020** along with the necessary annexure.

This compliance report is submitted for the period from **October 2023 to March 2024.**

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,  
With warm regards,

For, **PURVANKARA LIMITED**



**Authorized Signatory**

Encl : Part A: Current status of construction work.  
Part B: Point-wise compliance status.  
Datasheet & Annexures.

Copy to Regional Office, MoEF & CC, Nagpur.  
Regional Office, MPCB, Sion, Mumbai.  
Regional Office, CPCB, Pune.

Date: 09-07-2024

To,

**Regional Directorate, Pune, Central Pollution Control Board,  
(Ministry of Environment, Forest & Climate Change). Govt. of India,  
Survey no. 110, Dhankude Multipurpose Hall,  
Baner Road, Baner, Pune – 411 045. Maharashtra.**

**Sub : Submission of Six-monthly compliance reports as per terms & conditions  
Stipulated in Environmental clearance letter for proposed Residential  
development with commercial component at plot bearing CTS. No. 395,  
395/1 to 10 at Deonar, Mumbai, Maharashtra.**

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Regional Office, MPCB, Sion, Mumbai.  
Department of Environment, Mantralaya, Mumbai.**



Date: 09-07-2024

To,  
**Regional Office, Maharashtra Pollution Control Board,**  
Kalpataru Point, 1<sup>st</sup> floor, Sion Circle,  
In front of Cine Planate Theater,  
Shiv (East), Mumbai - 400 022. Maharashtra.

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Regional Office, CPCB, Pune.  
Department of Environment, Mantralaya, Mumbai.

Date: 09-07-2024

To,  
**Ministry of Environment, Forests & Climate Change,**  
**Integrated Regional Offices,**  
Ground Floor, East Wing, New Secretariat Building,  
Civil Lines, Nagpur – 440 001. Maharashtra.

**Sub : Submission of Six-monthly compliance reports as per terms & conditions Stipulated in Environmental clearance letter for proposed Residential development with commercial component at plot bearing CTS. No. 395, 395/1 to 10 at Deonar, Mumbai, Maharashtra.**

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## INDEX

Sl. No.	PARTICULARS
1.	Part A : Current status of work
2.	Part B : Point wise compliance status
3.	Datasheet
4.	Annexures
Annexure – 01	HE Remarks
Annexure – 02	Acknowledgement copy Thane Creek Flamingo Sanctuary NOC
Annexure – 03A	CER Implementation plan
Annexure – 03B	Acknowledgement copy of CER Plan
Annexure – 04	IOD & Letter
Annexure – 05	Commencement Certificate
Annexure – 06	DP Remarks
Annexure – 07	Fire NOC
Annexure – 08	Consent to Establish
Annexure – 09	Workers Medical Report
Annexure – 10	SWM NOC
Annexure – 11	Monitoring Report
Annexure – 12	PUC certificates
Annexure – 13	Environmental clearance
Annexure – 14	Advertisement copy

## **PART A:**

### **Current Status of Work**

Status of construction work		:	<b>Current status of construction work as on March 2024 is;</b>  ❖ Wing A – 5158.35 Sq. meters. ❖ Wing B – 49.21 Sq. meters. ❖ Wing C – 54.19 Sq. meters. ❖ Wing D – 6243.13 Sq. meters
a.	Date of commencement ( Actual and/or planned )	:	May 2021 Construction work started after receiving CC on dated: 18.02.2021.
b.	Date of completion ( Actual and/or planned )	:	March 2027 (Planned)

## PART B:

**Compliance status of conditions stipulated in Environmental clearance for proposed 'Residential Development with commercial component at plot bearing CTS no. 395, 395/1 to 395/10 at Deonar, Mumbai. Maharashtra granted by SEIAA, Govt. of Maharashtra vide EC no. SIA/MH/MIS/17641/2019, dated: 31/03/2020 are as follows:**

Sl. No.	Stipulated Clearance Conditions	Compliance Status
<b>Specific conditions:</b>		
i.	PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority	<ul style="list-style-type: none"> <li>❖ Hydraulic dept., MCGM has granted HE NOC for the project vide letter no. HE/000372/2020/M/E/ES, Date: 31/01/2020.</li> <li>❖ <b>Please refer Annexure – 1 for HE NOC.</b></li> <li>❖ We will obtain the sewerage &amp; storm water NOC from MCGM.</li> </ul>
ii.	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. the planning authority to ensure fulfilment of this condition before granting CC.	<ul style="list-style-type: none"> <li>❖ Aerial distance of Thane Creek Flamingo Sanctuary as per Index Map of Mumbai Mangrove conservation unit: 2.00 km.</li> <li>❖ We have applied for NOC with reference to Thane Creek Flamingo Sanctuary to the Forest Officer, Divisional Forest Office, Kamgarnagar, Kurla (East), Mumbai.</li> <li>❖ <b>Please refer Annexure - 2 Acknowledgement copy TCFS.</b></li> </ul>
iii.	PP to submit CER prescribed by MoEF & CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.	<ul style="list-style-type: none"> <li>❖ We hereby commit to provide cost of Rs. 1.80 Crores (2% of project cost) towards CER activities as per Office Memorandum dated: 1<sup>st</sup> May, 2018 by MoEF &amp; CC.</li> <li>❖ <b>Please refer Annexure – 3A CER Plan.</b></li> <li>❖ Copy of the CER plan is submitted to The Municipal Commissioner of Municipal Corporation of Greater Mumbai (M.C.G.M).</li> <li>❖ <b>Please refer Annexure – 3B Acknowledgement copy of CER.</b></li> </ul>
iv.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/20 I 8-IA.III dt.04.0 1.2019.	❖ Agreed to comply with.
v.	SEIAA decided to grant Environment Clearance for - FSI: 145 99.72 m2, Non- FSI: 1608.10 m2 and Total BUA: 30687.82 m2 (Plan Approval	❖ Noted.

Sl. No.	Stipulated Clearance Conditions	Compliance Status
	no: P-2373/20 19/ (395 and other) ME Ward / Deonar-E/337/1/New dated 09/03/2020.	
<b>General conditions:</b>		
i	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	❖ Proposed project is a residential building. Hence, generation of e-waste will be Negligible.
ii	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	❖ Hydraulic Engineering Department, MCGM issued HE remarks for proposed building under reference for total water requirement for the project vide letter no. HE/000372/2020/M/E/ES, dated: 31/01/2020.
iii	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	❖ NOC from Wild Life Board is Not Applicable as per Final Notification reg. ESZ of SGNP published by MoEF & CC u/no. S.O.3645 (E), dated: 05/12/2016 as our project site is not affected by the ESZ belt. ❖ Aerial distance of Thane Creek Flamingo Sanctuary as per Index Map of Mumbai Mangrove conservation unit: 2.00 km. ❖ We have applied for NOC with reference to Thane Creek Flamingo Sanctuary to the Forest Officer, Divisional Forest Office, Kamgarnagar, Kurla (East), Mumbai.
iv	PP has to abide by the conditions stipulated by SEAC & SEIAA	❖ Agreed to comply with.
v	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	❖ Height of the building will be as per the Approved building plan. ❖ MCGM issued IOD for the project vide letter no. P-2373/2019/(395 and other)/M/E/Ward/Deonar-E/IOD/1/New, dated: 09/03/2020. ❖ <b>Please refer Annexure - 4 for Approved building plan.</b> ❖ MCGM issue Commencement Certificate for the project vide letter no. P-2373/2019/(395 And Other)/M/E Ward/DEONAR-E/CC/1/Amend, Date : 18/02/2021 & 15/06/2021. ❖ <b>Please refer Annexure – 5 for Commencement Certificate.</b> ❖ MCGM issued Development Plan 2034 Remarks for the project vide letter no. Ch.E./DP34201901111192642, dated:



Sl. No.	Stipulated Clearance Conditions	Compliance Status
		<p>15/01/2019.</p> <ul style="list-style-type: none"> <li>❖ As per DP Remarks project site is in Industrial Zone, there is now change in use from Industrial to Residential Zone.</li> <li>❖ <b>Please refer Annexure – 6 for DP Remarks.</b></li> <li>❖ Dy. Chief Fire Officer, Mumbai Fire Brigade issued Fire NOC for the project vide NOC no. CHE/ES/2373/M/E/337 (New), dated: 11/11/2019.</li> <li>❖ <b>Please refer Annexure – 7 for Fire NOC.</b></li> </ul>
vi	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	<ul style="list-style-type: none"> <li>❖ MPCB granted consent to establish for the project vide order no. Format1.0/BO/JD (WPC)/UAN No. 92238/HOD/CE/2008000545, dated: 17/8/2020.</li> <li>❖ <b>Please refer Annexure – 8 for Consent to Establish.</b></li> </ul>
vii	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	<ul style="list-style-type: none"> <li>❖ All necessary facilities have been provided to construction workers during construction phase.</li> <li>❖ 25 nos of Hutments are provided to 129 nos of residential workers. And 7 Nos non Residential Workers.</li> <li>❖ Site sanitation like safe &amp; adequate Municipal water for drinking and domestic purpose, 06 nos of toilets, 08 nos of bathing area, First Aid and periodical medical checkup facilities have been provided.</li> <li>❖ Proper housekeeping &amp; regular pest control is being carried out.</li> <li>❖ <b>Please refer Annexure - 9 for Medical Report.</b></li> </ul>
viii	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	<ul style="list-style-type: none"> <li>❖ All necessary facilities have been provided to construction workers during construction phase.</li> <li>❖ 25 nos of Hutments are provided to 129 nos of residential workers. And 7 Nos non Residential Workers.</li> <li>❖ Site sanitation like safe &amp; adequate Municipal water for drinking and domestic purpose, 06 nos of toilets, 08 nos of bathing area, First Aid and periodical medical checkup facilities have been provided.</li> <li>❖ Proper housekeeping &amp; regular pest control is being carried out.</li> </ul>

Sl. No.	Stipulated Clearance Conditions	Compliance Status
ix	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	<ul style="list-style-type: none"> <li>❖ Collection, segregation and storage of concrete, soil and other waste as notified in consonance with the rules.</li> <li>❖ Other waste (such as municipal waste) does not get mixed with C &amp; D waste and has been stored and disposed separately.</li> <li>❖ Waste segregated into four streams such as concrete, soil, steel, wood and plastics, bricks and mortar.</li> <li>❖ C &amp; D waste has been kept within the premise or the waste has been deposited at collection center made available by the local body or handover it to the authorized processing facilities of construction and demolition waste.</li> <li>❖ Use of covering sheets for trucks carrying construction material to prevent air borne dust.</li> <li>❖ Disposal of demolition debris to designated dumping areas with prior permissions of MCGM vide Approval no. 0004887, dated: 14/02/2020.</li> <li>❖ <b>Please refer Annexure - 10 for Debris (SWM) NOC.</b></li> </ul>
x	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	<ul style="list-style-type: none"> <li>❖ Collection, segregation and storage of concrete, soil and other waste as notified in consonance with the rules.</li> <li>❖ Other waste (such as municipal waste) does not get mixed with C &amp; D waste and has been stored and disposed separately.</li> <li>❖ Waste segregated into four streams such as concrete, soil, steel, wood and plastics, bricks and mortar.</li> <li>❖ C &amp; D waste has been kept within the premise or the waste deposited at collection center made available by the local body or handover it to the authorized processing facilities of construction and demolition waste.</li> </ul>
xi	Arrangement shall be made that waste water and storm water do not get mixed.	<ul style="list-style-type: none"> <li>❖ Separate drains will be provided.</li> <li>❖ Storm water collected through the storm water drains of adequate capacity and will be discharge into the external SWD.</li> <li>❖ Provision of 1 no STP of capacity 175 KLD based on MBBR technology for the</li> </ul>

Sl. No.	Stipulated Clearance Conditions	Compliance Status
		treatment of waste water.
xii	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	❖ The project site was in industrial area prior to this project. Hence, the fertile top soil generation will be negligible.
xiii	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	❖ Agreed to comply with.
xiv	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant	❖ RG area will be develop over an area of 1921.81 Sq. meters (On Ground: 1138.49 Sq.mt + on Podium: 783.32 Sq.mt) with the Proposed Tree Plantation 147 nos. ❖ From which 200 Sq. meter has been developed at Site.
xv	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	❖ The construction process does not involve in any activity which may lead to leaching of heavy metals and toxic contaminants, hence no chance of contamination of ground water & soil. ❖ Soil quality is being monitored. ❖ <b>Please refer Annexure - 11 for Environmental monitoring Report.</b>
xvi	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	❖ No generation of hazardous waste during construction.
xvii	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the MPC Board.	❖ No generation of hazardous waste during construction.
xviii	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	❖ No use of DG sets during construction.
xix	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	❖ No use of DG sets during construction.
xx	Vehicles hired for bringing 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 and should be operated only during non-peak hours.	❖ Vehicles with valid PUC are allowed during construction to enter the site. ❖ Vehicles are operated only during non-peak hours. ❖ <b>Please refer Annexure – 12 for PUC Certificate.</b>


Sl. No.	Stipulated Clearance Conditions	Compliance Status
xxi	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	<ul style="list-style-type: none"> <li>❖ Ambient air and noise quality are monitored regularly.</li> <li>❖ <b>Please refer Annexure - 11 for Environmental monitoring Report.</b></li> </ul>
xxii	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).	❖ 1976.81 MT of GGBS has been used in building material in construction.
xxiii	Ready mixed concrete must be used in building construction.	❖ Agreed to comply with.
xxiv	Storm water control and its re-use as per CGWB and BIS standards for various applications.	❖ Separate storm water drains will be provided. Provision of 1 no RWH tank of capacity 55 KL.
xxv	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	❖ Ready Mixed Concrete is being used in building construction.
xxvi	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	<ul style="list-style-type: none"> <li>❖ The construction process does not involve in any activity which may lead to leaching of heavy metals and toxic contaminants, hence no chance of contamination of ground water &amp; soil.</li> <li>❖ No extraction of ground water for any purpose.</li> </ul>
xxvii	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate	<ul style="list-style-type: none"> <li>❖ Provision of 1 no STP of capacity 175 KLD based on MBBR technology for the treatment of waste water.</li> <li>❖ Treated sewage will be re-used for flushing and gardening.</li> </ul>

Sl. No.	Stipulated Clearance Conditions	Compliance Status
	the odour problem from STP.	
xxvii i	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project	<ul style="list-style-type: none"> <li>❖ No extraction of Ground water.</li> <li>❖ We are not using ground water for construction purposes also we are not planning to withdraw ground water for any purpose in future.</li> <li>❖ Tanker water is being used in building construction.</li> </ul>
xxix	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	❖ Dual plumbing lines will be provided for using the treated waste water for gardening and flushing.
xxx	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	❖ Low flow fixtures will be provided for showers, toilets & in kitchen.
xxxi	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	❖ Agreed to comply with.
xxxii	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	❖ China mosaic tiles will be used for roof insulation.
xxxii i	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use 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. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	❖ Energy conservation measures will be provided.
xxxii v	Diesel power generating sets proposed as source of backup power for elevators and common area Illumination 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	❖ CPCB approved enclosed type D.G. sets will be provided.



Sl. No.	Stipulated Clearance Conditions	Compliance Status
	to the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with MPCB.	
xxxv	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	<ul style="list-style-type: none"> <li>❖ RG area will be develop over an area of 1921.81 Sq. meters (On Ground: 1138.49 Sq.mt + on Podium: 783.32 Sq.mt) with the Proposed Tree Plantation 147 nos.</li> <li>❖ From which 200 Sq. meter has been developed at Site. Also the proposed DG sets will be acoustic enclose type.</li> <li>❖ <b>Please refer Annexure - 11 for Environmental monitoring Report.</b></li> </ul>
xxxv i	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	<ul style="list-style-type: none"> <li>❖ Public road and public areas are not being used for project activity purpose and are free for smooth traffic movement.</li> <li>❖ Provision is made for adequate parking facilities within the project site for construction vehicles.</li> <li>❖ Parking area is provided for construction vehicles.</li> <li>❖ Provision of Internal roads.</li> </ul>
xxxv ii	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	<ul style="list-style-type: none"> <li>❖ Agreed to comply with.</li> </ul>
xxxv iii	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	<ul style="list-style-type: none"> <li>❖ Minimum distance will be provided between the two buildings is more than 20 meters to allow movement of fresh air and passage of natural light, air and ventilation. Also width of internal road will be 9 meters.</li> </ul>
xxxi x	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	<ul style="list-style-type: none"> <li>❖ Regular supervision of the above measures is being monitored.</li> </ul>
xl	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	<ul style="list-style-type: none"> <li>❖ Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SIA/MH/MIS/117641/2019, dated: 31/3/2020.</li> <li>❖ <b>Please refer Annexure – 13 for Environmental clearance copy.</b></li> </ul>

Sl. No.	Stipulated Clearance Conditions	Compliance Status
Xli	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	❖ A six-monthly monitoring report is being submitted to the Regional Office MoEF & CC, Nagpur with copy to Environment Department and MPCB.
Xlii	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	<ul style="list-style-type: none"> <li>❖ Provision of 1 no STP of capacity 175 KLD based on MBBR technology for the treatment of waste water.</li> <li>❖ Treated sewage will be re-used for flushing and gardening.</li> <li>❖ OWC of adequate capacity will be provided for the treatment of biodegradable waste during operation phase.</li> <li>❖ Also non-biodegradable waste will be handed over to MCGM on daily basis.</li> <li>❖ RG area will be develop over an area of 1921.81 Sq. meters (On Ground: 1138.49 Sq.mt + on Podium: 783.32 Sq.mt) with the Proposed Tree Plantation 147 nos.</li> <li>❖ From which 200 Sq. meter has been developed at Site.</li> </ul>
xliii	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	<ul style="list-style-type: none"> <li>❖ OWC of adequate capacity will be provided for the treatment of biodegradable waste during operation phase.</li> <li>❖ Treated waste (manure) will be utilized in gardening.</li> </ul>
Xliv	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	<ul style="list-style-type: none"> <li>❖ Provision of 1 no STP of capacity 175 KLD based on MBBR technology for the treatment of waste water.</li> <li>❖ Treated sewage will be re-used for flushing and gardening.</li> <li>❖ OWC of adequate capacity will be provided for the treatment of biodegradable waste during operation phase.</li> <li>❖ Treated waste (manure) will be utilized in gardening.</li> </ul>
Xlv	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	❖ A complete set of all the documents has been submitted to MPCB along with consent to establish application.
Xlvi	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	❖ Noted.
Xlvii	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental	❖ A separate Environment management cell with qualified staff has been established under supervision of Project Manager and

Sl. No.	Stipulated Clearance Conditions	Compliance Status
	safeguards.	EHS Manager. ❖ Environmental quality is being monitored through external MoEF & CC approved laboratory.
Xlvii i	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Separate funds have been allocated for implementation of Environmental protection measures;  <b>During construction phase;</b> ❖ Rs. 55.11 Lakhs have been allocated for the entire construction period. <b>During operation phase;</b> ❖ Capital cost: Rs. 104.52 Lakhs & ❖ O & M cost: Rs. 19.92 Lakhs / Annum.
Xlix	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .	❖ After getting Environmental clearance for the project, advertisement has been done in local newspaper like in Marathi (Dainik Sakal) & in English (Hindustan Times). ❖ <b>Please refer Annexure – 14 for Advertisement copy.</b>
I	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1st December of each calendar year.	<b>Submitting six monthly compliance reports to;</b> ❖ RO, MPCB, Sion, Mumbai. ❖ RO, CPCB, Pune. ❖ RO, MoEF & CC, Nagpur. ❖ Environment Department, Mantralaya.
li	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	❖ Environmental clearance copy submitted to MCGM.
lii	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, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub>	❖ Displayed the board at project site. 

Sl. No.	Stipulated Clearance Conditions	Compliance Status
	(ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
liii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	<b>Submitting six monthly compliance reports to;</b> ❖ RO, MPCB, Sion, Mumbai. ❖ RO, CPCB, Pune. ❖ RO, MoEF & CC, Nagpur. ❖ Environment Department, Mantralaya.
lix	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 along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	❖ Environment statement Form-V will be submitted on MPCB web portal for the financial year 2022-2023.
4	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	❖ Noted.
5	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	❖ Noted.
6	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the	❖ Noted.

Sl. No.	Stipulated Clearance Conditions	Compliance Status
	department or for that matter, for any other administrative reason.	
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amended time to time.	❖ Noted.
8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	❖ Noted.
9	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	❖ Noted.
10	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1 <sup>st</sup> Floor, D -, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	❖ Noted.



**Compliance as per**  
**Monitoring the Implementation of Environmental Safeguards**  
**Ministry of Environment, Forests & Climate Change**  
**Regional Office (WCZ), Nagpur**

**Monitoring Report**

**DATA SHEET**

1	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Construction Project
2	Name of the project	:	Residential development with commercial Component.
3	Clearance letter ( s ) / OM No. and Date	:	Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SIA/MH/MIS/117641/2019, dated: 31/3/2020.
4	Location		
	a. District ( S )	:	Deonar, Govandi, Mumbai.
	b. State ( S )	:	Maharashtra.
	c. Latitude/ Longitude	:	Lat : 19° 2'48.37" N Long : 72° 54'55.34" E
5	Address for correspondence		
	a. Address of Concerned Project Chief Engineer ( with pin code & Telephone / telex / fax numbers	:	Mr. Prashant Datarkar M/s. Puravankara Ltd., At CTS no. 395, 395/1 to 395/10 at 'M/E' Ward, Deonar, Govandi, Mumbai. Email ID: - <a href="mailto:prashant.d@puravankara.com">prashant.d@puravankara.com</a> Mob No. 8668925941
	b. Address of Executive Project: Engineer/Manager ( with pin code/ Fax numbers )	:	Name : Mr. Nishant K Singh M/s. Puravankara Ltd., At CTS no. 395, 395/1 to 395/10 at 'M/E' Ward, Deonar, Govandi, Mumbai. Email ID:- nishant.s@puravankara.com Tel: 8252248862
6	Salient features		

	a.	of the project	:	<table><tr><td>Wing ‘A’</td><td>2 Basement + Ground + Podium + 17 Floors + Fitness Center Floor.</td></tr><tr><td>Wing ‘B’</td><td>2 Basement + Ground + Podium + 17 Floors.</td></tr><tr><td>Wing ‘C’</td><td>2 Basement + Ground Podium + 17 Floors + Fitness Center Floor.</td></tr><tr><td>Wing ‘D’</td><td>2 Basement + Ground+ Podium + 16 Floors.</td></tr><tr><td>Wing ‘E’ (Commercial Component)</td><td>2 Basement + Ground + Podium + 7 Floors.</td></tr></table>	Wing ‘A’	2 Basement + Ground + Podium + 17 Floors + Fitness Center Floor.	Wing ‘B’	2 Basement + Ground + Podium + 17 Floors.	Wing ‘C’	2 Basement + Ground Podium + 17 Floors + Fitness Center Floor.	Wing ‘D’	2 Basement + Ground+ Podium + 16 Floors.	Wing ‘E’ (Commercial Component)	2 Basement + Ground + Podium + 7 Floors.
Wing ‘A’	2 Basement + Ground + Podium + 17 Floors + Fitness Center Floor.													
Wing ‘B’	2 Basement + Ground + Podium + 17 Floors.													
Wing ‘C’	2 Basement + Ground Podium + 17 Floors + Fitness Center Floor.													
Wing ‘D’	2 Basement + Ground+ Podium + 16 Floors.													
Wing ‘E’ (Commercial Component)	2 Basement + Ground + Podium + 7 Floors.													
	b.	of the environmental management plans	:	<p>Separate funds have been allocated for implementation of Environmental protection measures;</p> <p><b>During construction phase;</b></p> <p>❖ Rs. 55.11 Lakhs have been allocated for the entire construction period.</p> <p><b>During operation phase;</b></p> <p>❖ Capital cost: Rs. 104.52 Lakhs &amp;</p> <p>❖ O &amp; M cost: Rs. 19.92 Lakhs / Annum.</p>										
7	Breakup of the project area													
	a.	submergence area forest & non-forest	:	Not Applicable										
	b.	Others	:	<p>❖ FSI area: 22,403.90 Sq. mts.</p> <p>❖ Non-FSI area: 18,267.59 Sq. mts.</p> <p>❖ Total BUA area: 40,671.49 Sq. mts.</p>										
8	Breakup of the project affected Population with enumeration of that losing houses/dwelling unit’s Only agricultural land only, both Dwelling units & agricultural Land & landless laborers/artisan.			:	Not Applicable									
	a.	SC, ST/Adivasis	:	Not Applicable										
	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	:	Not Applicable										
9	Financial details													
	a.	Project cost as originally planned and subsequent revised estimates and the	:	Rs. 90.00 Crore										

		year of price reference.		
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	<p>Separate funds have been allocated for implementation of Environmental protection measures;</p> <p><b>During construction phase;</b></p> <ul style="list-style-type: none"> <li>❖ Rs. 55.11 Lakhs have been allocated for the entire construction period.</li> </ul> <p><b>During operation phase;</b></p> <ul style="list-style-type: none"> <li>❖ Capital cost: Rs. 104.52 Lakhs &amp;</li> <li>❖ O &amp; M cost: Rs. 19.92 Lakhs / Annum.</li> </ul>
	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	--
	d.	Whether ( c ) includes the Cost of environmental management as shown in the above.	:	--
	e.	Actual expenditure incurred on the project so far	:	36.91 Cr.
	f.	Actual expenditure incurred on the Environmental Management plans so	:	--
10	Forest land requirement			
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Nil
12	Status of construction		:	<p><b>Current status of construction work as on March 2024 is;</b></p> <ul style="list-style-type: none"> <li>❖ Wing A – 5158.35 Sq. meters.</li> <li>❖ Wing B – 49.21 Sq. meters.</li> <li>❖ Wing C – 54.19 Sq. meters.</li> <li>❖ Wing D – 6243.13 Sq. meters</li> </ul>

	a.	Date of commencement ( Actual and/or planned )	:	May 2021 Construction work started after receiving CC on dated: 18.02.2021.
	b.	Date of completion ( Actual and/of planned )	:	March 2027 (Planned)
13	Reasons for the delay if the Project is yet to start		:	--
14	Dates of site visits			
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	--
	b.	Date of site visit for this monitoring report	:	--
15	Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits ) (The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)		:	--



**MUNICIPAL CORPORATION OF GREATER MUMBAI**

HYDRAULIC ENGINEER'S DEPARTMENT Remark Issued u/n HE/000372/2020/M/E/ES Dated : 31 Jan 2020

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Office of the :

Office of Ex. Eng.(P & R) 'B' Ward Office,  
3rd Floor, Near J J Hospital, Babula Tank  
Cross Road, Mumbai-400009.

To,

Shri. SHASHIKANTLAXMAN JADHAV  
B-106, NATRAJ BLDG., MULUND (W)

CC,

Puravankara Ltd.  
Puravankara Limited  
(formerly Puravankara Projects Limited)  
Level 8, 804/A, B-Wing, The Capital, G Block,  
Bandra Kurla Complex, Mumbai

**Subject :** Hydraulic Engineer's Department Remark for proposed building on Plot bearing CTS / CS Number 395, 395/1 to 395/10 of Village / Division DEONAR-E at Eastern Suburb, M/E Ward, Mumbai.

**Reference :** 1) Your online application - Application Number P-2373/2019/(395 And Other)/M/E Ward/DEONAR-E-HE/1/New dated 14 Jan 2020  
2) Scrutiny fee receipt Number CHE/BP/37934/20

As per the data furnished by Architect / Consultant / LS / LP the proposed building under reference is a Residential. Total water requirement of the building works out to 160000 lpd for residential purpose, 28500 lpd for commercial purpose and 0 lpd for other purpose.

It is to inform that, Hydraulic Engineer's Remark for the proposed Individual building under reference are as follows :-

1. Water supply for the Residential building will be made available as per prevailing norms, on submission of occupation certificate.
2. Municipal water supply will not be made available for the Swimming pool / Air conditioning purpose. Water supply brought from other than Municipal source shall not be mixed with Municipal water supply at any stage. Separate water storage tank and separate water mains, painted with red colour, shall be used for the same.
3. Water supply as per condition number 1, will be made available only after compliance of condition number 10
4. If borewell is to be dug on site an Register Under Taking from Architect / Consultant / LS / LP to be submitted for proposed location of borewell with latitude and longitude of borewell.
5. Physically separate underground and overhead water storage tanks of adequate capacities for domestic and flushing purpose shall be provided. Capacity of underground water storage tank shall be obtained from consultant. Underground suction tank shall be located as close as possible to the existing water main in Municipal Road and the same shall not be in 1.5 M vicinity of drainage / Sewer line / Manhole / Inspection Chamber and shall be at minimum distance of 6.00 mt from proposed STP. Top of manhole shall be maintained at about 60 cm above adjacent ground / floor level and minimum head clearance of 1.20 M shall be maintained for inspection and cleaning of tanks.
6. The internal water distribution system within building shall be provided by hydro-pneumatic system. The design for same shall be obtained from consultant and shall be self certified.
7. Adequate precaution shall be taken while designing and execution of the structural members continuously in contact, with chlorinated Municipal water in the suction tank, located in the basement / stilt of the building. As suction tank is located within the building line, adequate care shall be taken to avoid contamination and adequate arrangements shall be made



to drain out the overflow water.

8. Automatic level control sensors system & Ball Cock arrangement shall be provided in overhead & underground water storage tanks to avoid overflow from tanks.
9. Water conservation devices such as dual flushing cisterns (ISI marked) / dual flush valves for W.C.'s and sensor operated taps for wash basins & urinals, shall be installed in the building.
10. Water supply will be made available only after strenghtening of existing water supply network by Owner / Developer / MCGM.

Above Remark are issued as per data furnished by Architect / Consultant / LS / LP while amendment in building plans, if water demand of the building exceeds above 10% to the above water demand, then this Remark shall be treated as cancelled and fresh Remark shall have to be obtained by providing revised data.

Notes:

1. The above remarks are system generated based on the input data submitted by Architect / Consultant / L.S. / L.P. and if in future it is found that the data is incorrect / fraudulent then the remarks deemed to be treated as cancelled and necessary action will be initiated.
2. The above remarks are system generated and does not require any signatures.



Date: 03/03/2020

To,  
The Forest Officer,  
Divisional Forest Office,  
B-68, 2nd floor,  
Kamgarnagar,  
Kurla (E), Mumbai.

**Subject : Application for Wildlife NOC with reference to Thane creek flamingo sanctuary**

**Reference: : Application for Environmental Clearance (EC) for Proposed Residential Development with Commercial Component at CTS No. 395, 395/1 to 395/10 at 'M/E' Ward, Mumbai.**

Dear Sir,

This is with reference to above mentioned subject we are proposing **Residential Development with Commercial Component** at CTS No. 395, 395/1 to 395/10 at 'M/E' Ward, Mumbai. We have submitted Application for obtaining Environmental Clearance from SEIAA, Maharashtra.

We would like to bring to your notice that, our projects falls within 2.00 Km radius from the Thane Creek Flamingo Sanctuary.

Though as per draft notification it is not coming under ESZ, but still we are applying for NOC with reference to Thane creek flamingo sanctuary to the Forest Officer, Divisional Forest Office, Kamgarnagar, Kurla (E), Mumbai.

Please do the needful and oblige

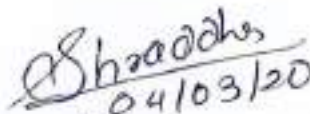
Thanking you,

Yours faithfully

**For PURAVANKARA LIMITED.**

  
**AUTHORIZED SIGNATORY**

Encl: Google image of the project site

  
04/03/20  
लिपिक  
विभागीय वन अधिकारी  
मुं. का. सं. घ., मुंबई

**PURAVANKARA LIMITED** (formerly Puravankara Projects Ltd.)

Registered Office: #130/1, Ulsoor Road, Bengaluru - 560 042 Tel: +91 80 2559 9000 / 4343 9999 Fax: +91 80 2559 9350  
Email: info@puravankara.com URL: www.puravankara.com CIN: L45200KA1986PLC051571

**AN ISO 9001 COMPANY**

**Corporate Environmental Responsibility**

In accordance with the circular issued by Ministry of Environment, Forest and Climate Change (MoEF & CC) dated May 01, 2018 and subsequent circular of June 19, 2018 on Corporate Environment Responsibility we hereby submit our plan as below;

**A. Basic Information of the Project**

Sr. No.	Description	Details
1	Name of the Project	Proposed Residential Development
2	Location of the project	Village Deonar, off V. N. Purav Marg, 'M/E' Ward, Mumbai.
3	Project type (green/brown field)	Green Field
4	Cost of the project as mentioned in CS (Rupees in Crores)	Rs. 90.00 Crores
5	Any previous EC and Completion certificate of the part of the project before May 01, 2018, if yes give the details with date and reference number	NA
6	Cost of the part completed project (as per details given at Sr. No. 5)	NA
7	Effective cost of the project for CER consideration (4-6) (Rupees in Crores)	--
8	Applicable norms in terms of % of the project cost for CER and amount	2.00 % (i.e. Rs.1.80 Crores)
9	Expected duration for completion of the project (Years)	4 Years
10	Implementing Agency Identified (NGO/Trust/ULB) give name and details.	Puravankara Ltd.
11	Please attached agreement with implementing agency	Self

**B. CER Activities Proposed: (please propose as per the suggested list given in table below)**

Sr. No.	Description	Details
1	Any issues raised during the public hearing, social need assessment, R&R plan, EMP, etc.	No
2	If Yes Please give details	Not Applicable
3	CER activities proposed to be from suggested activities as infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas, community level sewage treatment plant, solid waste (composter or Biogas plants), air quality monitoring, research activities on environmental aspects, training programmes on waste management including skill development, studies related to environmental aspects for town/city/village, pilot projects on clean energy/ environment, etc	<p>A. Tree plantation in following areas and quantities-</p> <p>1. Along 13 mtrs wide road in front of plot - 100 nos.</p> <p>2. In municipal garden in Govandi (E) area - 200 nos. (In parts over 4 years)</p> <p>Infrastructure creation for water supply for trees-</p> <p>1. Every alternate day tanker water for plants till local authority takes official handover</p>

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Registered Office: #130/1, Ulsoor Road, Bengaluru - 560 042 Tel: +91 80 2559 9000 / 4343 9999 Fax: +91 80 2559 9350  
Email: info@puravankara.com URL: www.puravankara.com CIN: L45200KA1986PLC051571

**AN ISO 9001 COMPANY**

Sr. No.	Description	Details
		<p>B. Education</p> <p>1. Providing 10 nos. of computers at local municipal school (Municipal School no. 1, Govandi (E))</p> <p>C. Asset creation</p> <p>1. Providing 1 no. of RO water plant at local municipal school (Municipal School no. 1, Govandi (E))</p> <p>2. Maintenance of the plant for 4 years</p> <p>D. Donating Ambulance equipped with Oxygen Cylinder for local Municipal Hospital</p>
4	Consent of implementing agency (NGO etc.) and local authority to accept the CER in case of environmental infrastructure project	Self
5	Year wise activity indicating the detail of plan and cost (as applicable for duration of the project) attach separate sheet with Gnat Chart which will be useful for monitoring.	Details as Given Below and as per annexure
	First Year	0.30
	Second Year	0.60
	Third Year	0.48
	Fourth Year	0.43

We undertake to complete the work with our CER commitment as per this plan.

For Puravankara

Authorized Signatory

Place: Mumbai

Date: 1/10/2019



## Corporate Environmental Responsibility

Name of Project :- Puravankara Limited proposed Residential Development at Village Deonar, off V. N. Purav Marg, 'M/E' Ward, Mumbai

Total Project Cost :- Rs. 90.00 Cr.

Cost of CER - 2% of the project cost i.e. Rs. 180 Cr.

No	CER Activity	Details of CER Activity and place of implementation <b>Certain examples of CER activities are listed below:</b>	Name / Address of Implementing agency	Total Duration of Project <b>(Cost Break up to be given year-wise)</b>				
				2020-21	2021-22	2022-23	2023-24	TOTAL
1	Tree plantation nearby areas	Tree plantation in following areas and quantities- 1. Along 18 mtrs wide road in front of plot - 100 nos. 2. In municipal garden in MulshiGovandi (E) area - 200 nos. (In parts over 4 years) Infrastructure creation for water supply for trees- 1. Every alternate day tanker water for plants till local authority takes official handover	Puravankara Ltd.	0.20	0.20	0.25	0.20	0.85
2	Education	1. Providing 20 nos. of computers at local municipal school (municipal Scholl no. 1, Govandi (E))			0.15	0.05	0.05	0.25
3	Asset creation	1. Providing 1 no. of RO water plant at local municipal school (municipal Scholl no. 1, Govandi (E)) 2. Maintainance of the plant for 4 years		0.10	0.05	0.08	0.08	0.30
4	Asset creation	Donating Ambulance equipped with Oxygen Cylinder for local Municipal Hospital			0.20	0.10	0.10	0.40
<b>Total</b>				<b>0.30</b>	<b>0.60</b>	<b>0.48</b>	<b>0.43</b>	<b>1.80</b>

M/s. Puravankara Limited

Authorized Signatory: \_\_\_\_\_

Place: Mumbai

Date: 03/03/2020.

To,  
To,  
The Municipal Commissioner,  
Municipal Corporation of Greater Mumbai (M.C.G.M.),  
Mahapalika Marg, C.S.T.  
Mumbai 400001.



**Subject :** Contribution towards CER for Proposed Residential Development with Commercial Component at CTS No. 395, 395/1 to 395/10 at 'M/E' Ward, Mumbai.

**Reference :** Office Memorandum regarding Corporate Environment Responsibility (CER) dt. 1<sup>st</sup> May 2018 by Ministry of Environment, Forest and Climate Change (MoEF & CC), New Delhi.

Respected Sir,

With reference to above mentioned subject, we are developing a **Residential Development with Commercial Component** at CTS No. 395, 395/1 to 395/10 at 'M/E' Ward, Mumbai that is under process for Environmental Clearance NOC.

As per the guidelines given by the MoEF & CC we are required to provide upto 2 % of the Capital Investment towards CER.

We have identified certain activities to be carried out in immediate neighborhood which when implemented shall be beneficial to the environment and the general public at large. The activities identified are as follows:

- Tree plantation in following areas and quantities
  - Along 13 mt. wide road in front of plot – 100 nos.
  - In municipal garden in Govandi (E) area – 200 nos. (In part over 4 years.)
- Infrastructure creation for water supply for trees –
  - Every alternate day tanker water for plants till local authority takes official handover.

We intend to spend approximately **Rs. 1.80 Crores** on the CER activities

We request you to kindly evaluate the above plan and grant your consent to undertake these activities under CER.

Thanking you,

Yours Faithfully,

For **PURAVANKARA LIMITED.**

**AUTHORIZED SIGNATORY**

Enclosed:

1. Copy of Circular dated 19/06/2018, and Office Memorandum dated 01/05/2018 of MoEF and CC.
2. Copy of CER Activity with details

**PURAVANKARA LIMITED** (formerly Puravankara Projects Ltd.)

Registered Office: #130/1, Ulsoor Road, Bengaluru - 560 042 Tel: +91 80 2559 9000 / 4343 9999 Fax: +91 80 2559 9350  
Email: [info@puravankara.com](mailto:info@puravankara.com) URL: [www.puravankara.com](http://www.puravankara.com) CIN: L45200KA1986PLC051571

**AN ISO 9001 COMPANY**



MUNICIPAL CORPORATION OF GREATER MUMBAI

## Intimation of Disapproval under Section 346 of the Mumbai Municipal Corporation Act, as amended up to date.

No. P-2373/2019/(395 And Other)/M/E  
Ward/DEONAR-E/IOD/1/New

MEMORANDUM

Municipal Office,  
Mumbai

To,

Puravankara Limited

804/A Wing B The Capital building, BKC, Mumbai-51

With reference to your Notice 337 (New) , letter No. \_\_\_\_\_ dated. 29/5/2019 and the plans, Sections Specifications and description and further particulars and details of your buildings at Proposed Development on plot bearing C.T.S. No. 395, 395/1 to 395/10 of village Deonar in M/E Ward, Mumbai-400088395, 395/1 to 395/10 furnished to me under your letter, dated 29/5/2019. I have to inform you that, I cannot approve of the building or work proposed to be erected or executed, and I therefore hereby formally intimate to you, under Section 346 of the Mumbai Municipal Corporation Act as amended up to-date, my disapproval by reasons thereof :-

### A: CONDITIONS TO BE COMPLIED WITH BEFORE STARTING THE WORK.

- 1 That construction area shall exceed 20,000 smt. without obtaining NOC from MOEF.
- 2 That the certificate to the effect that the licensed surveyor has effectively supervised the work and has carried out tests for checking leakages through sanitary blocks, termites, fixtures, joints in drainage pipes etc. and that the workmanship is found very satisfactory shall not be submitted.
- 3 That the Janata Insurance Policy shall not be submitted.
- 4 That the requisitions of clause 49 & 50 of DCPR- 2034 shall not be complied with and records of quality of work, verification report, etc. shall not be maintained on site till completion of the entire work.
- 5 That the bore well shall not be constructed in consultation with H.E.
- 6 That the work shall not be carried out only between 6.00 am to 10.00 pm as per circular u/no Ch.E./DP/7749/Gen at 07.06.2016
- 7 That the Board shall not be displayed showing details of proposed work, name of owner, developer, architect, R.C.C. consultant etc.
- 8 That the necessary deposit hording or the flex of size 1.5m to 1.5m for the advertisement of proposal



shall not be made by you.

- 9 That the prerequisites as per EODB Manuals are not submitted.
- 10 That the NOC from S.W.M. Department shall not be obtained in view of order of Hon'ble Supreme Court of India dated 15/03/2018(SLP Civil NoD-23708of 2017), for disposal of C & D waste & accordingly the Bank Guarantee is not submitted to MCGM.
- 11 That the feasibility of providing the basement from Geologist on the plot under reference shall not be submitted.
- 12 That the developer / owner shall not demolish the structure/ building proposed to be demolished by following the guidelines proposed in the IS Code 4130:1991 amended upto date in respect of demolition of building-code of safety and not under the supervision of approved structural engineer duly registered with MCGM.
- 13 That the extra water & sewerage charges shall not be paid to A.E. Water works "M" ward before C.C
- 14 That the mobile toilet shall not be provided on site to keep proper sanitation as per CircularU/No.CHE/DP/27391/Gen dated 07/01/2019.
- 15 That the compound wall shall not be submitted as per DCPR-2034
- 16 That the N.O.C. from A.A. & C. [M/East] shall not be submitted
- 17 That the payment as per schedule of instalment granted by Dy. Ch.E.(B.P.)E.S. shall not be made.
- 18 That the conditions as stipulated in I to R/C approval issued u/no. Dy.Ch.E./B.P./12894/E.S.dt.25.02.2019 shall not be complied with.

**C: CONDITIONS TO BE COMPLIED BEFORE FURTHER C.C**

- 1 That the plinth/stilt height shall not be got checked by this office staff.
- 2 That the remarks from competent authority regarding the Flamingo notification applicability to be obtained before proceeding work beyond 20,000Sq.Mt. shall not be submitted .
- 3 All the payments as intimated by various departments of MCGM shall not be paid
- 4 That the amended Remarks of concerned authorities / empanelled consultants for the approved plan, if differing from the plans submitted for remarks ,shall not be submitted for :a) S.W.D. b)Parking c)Roads. d)Sewerage. e)Water Works. f)Fire Fighting Provisions. g) Mechanical Ventilation. h) Tree authority. i)Hydraulic Engineer. j)PCO. k)NOC from Electric Supply Company.
- 5 That in the event setback and /or reservation/ or Amenity (as per reg. 14B of DCPR-2034) is not handed over then at FCC , area equivalent to the area of Setback and /or reservation shall not be restricted till such area is handed over.
- 6 That the Material testing report shall not be submitted
- 7 That the quarterly progress report of the work will not be submitted by the Architect
- 8 That the application for separate P.R.C. in the name of M.C.G.M. for road set back / D.P.Road/reservation/ Amenity in the layout shall not be submitted.
- 9 That the NOC from Civil Aviation Department will not be obtained for the proposed height of the building.

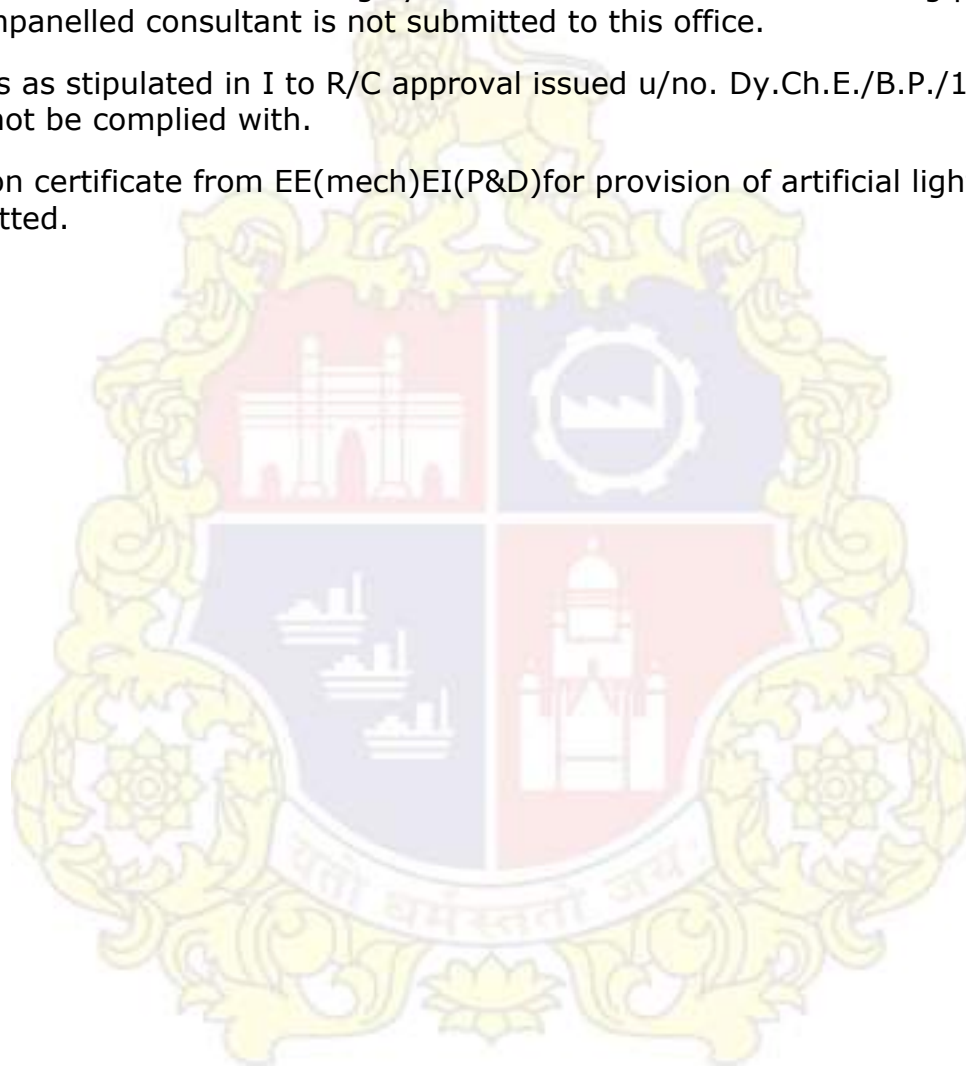


**D: GENERAL CONDITIONS TO BE COMPLIED BEFORE O.C**

- 1 That the low lying plot will not be filled up to a reduced level of at least 27.55 M Town Hall Datum or 0.15 m above adjoining road level whichever is higher with murum, earth, boulders etc. and will not be leveled, rolled, consolidated and sloped towards road side.
- 2 That Agreement in consultation with legal department for handing over of tenement / built up accommodation shall not be executed and final copy of executed agreement shall not be submitted. Advance Possession shall not be handed over with title certificate by advocate.
- 3 That the dust bin will not be provided.
- 4 That 3.00 mt. wide paved pathway upto staircase will not be provided.
- 5 That the open spaces as per approval, parking spaces and terrace will not be kept open
- 6 That the construction of layout road or access roads/ development of setback land will not be done and the access and setback land will not be developed accordingly including providing street lights and S.W.D. only if additional FSI is being claimed
- 7 That the name plate/board showing Plot No., Name of the Bldg. etc. will not be displayed at a prominent place.
- 8 That carriage entrance shall not be provided as per design of registered structural engineer and carriage entrance fee shall not be paid.
- 9 That terraces, sanitary blocks, nahanis in kitchen will not be made Water proof and same will not be provided by method of pounding and all sanitary connections will not be leak proof and smoke test will not be done in presence of licensed plumber.
- 10 That final N.O.C. from concerned authorities / empanelled consultants for a) S.W.D. b) Parking. c) Roads. d) Sewerage. e) Water Works. f) CFO / Fire Fighting Provisions. g) Mechanical Ventilation. h) Tree authority. i) Hydraulic Engineer j) Assessment dept. shall not be submitted before occupation
- 11 That Structural Engineer's laminated final Stability Certificate along with up to date License copy and R.C.C. design plan shall not be submitted
- 12 That the separate vertical drain pipe, soil pipe, with a separate gully trap, water main, O.H. Tank, etc. for Maternity Home/Nursing Home, user will not be provided and that drainage system or the residential part of the building will not be affected if applicable
- 13 That the construction of D.P. road and development of setback land will not be done including providing street lights and S.W.D.
- 14 That Site Supervisor certificate for quality of work and completion of the work shall not be submitted in prescribed format
- 15 That the Vermiculture bins for disposal of wet waste as per the design and specification of Organization / individual specialized in this field, as per the list furnished by Solid Waste Management Department of MCGM, shall not be provided to the satisfaction of municipal commissioner
- 16 That the top most elevation of the building is not certified by Airport Authority of India /GVK mentioning that the Average Mean Sea Level of the Building is within the permissible limits of Civil Aviation N.O.C.
- 17 That the dry and wet garbage shall not be separated and the wet garbage generated in the building

shall not be treated separately on the same plot by residents /occupants of the building in the jurisdiction of MCGM. Necessary condition in sale agreement with prospective buyer shall not be incorporated to that effect by the Developer / Owner.

- 18 That the sample copy of sale agreement is not submitted
- 19 That the water proofing certificate shall not be submitted
- 20 That the PRC of setback land / amenity ( area not less than 931.96 sqmt as per reg. 14B of DCPR-2034 and as per I to R permission U/No. Dy.Ch.E./B.P./12894/E.S.dt.25.02.2019) in MCGM's name shall not be submitted
- 21 That the water from Rain Water Harvesting system is not used for Toilet flushing purposes and certificate from empanelled consultant is not submitted to this office.
- 22 That the conditions as stipulated in I to R/C approval issued u/no. Dy.Ch.E./B.P./12894/E.S. date 25.02.2019 shall not be complied with.
- 23 That the completion certificate from EE(mech)EI(P&D)for provision of artificial light, ventilation/ AHU shall not be submitted.



( ) That proper gutters and down pipes are not intended to be put to prevent water dropping from the leaves of the roof on the public street.

( ) That the drainage work generally is not intended to be executed in accordance with the Municipal requirements.

Subject to your so modifying your intention as to obviate the before mentioned objections and meet by requirements, but not otherwise you will be at liberty to proceed with the said building or work at anytime before the 8 March day of 2021 but not so as to contrivance any of the provision of the said Act, as amended as aforesaid or any rule, regulations or bye-law made under that Act at the time In force.

Your attention is drawn to the Special Instructions and Note accompanying this Intimation of Disapproval.

**Executive Engineer, Building Proposals,  
Zone, Wards.**

**SPECIAL INSTRUCTIONS**

**1. THIS INTIMATION GIVES NO RIGHT TO BUILD UPON GROUND WHICH IS NOT YOUR PROPERTY.**

2. Under Section 68 of the Bombay Municipal Corporation Act, as amended, the Municipal Commissioner for Greater Mumbai has empowered the City Engineer to exercise, perform and discharge the powers, duties and functions conferred and imposed upon and vested in the Commissioner by Section 346 of the said Act.

3. Under Byelaw, No. 8 of the Commissioner has fixed the following levels :-

"Every person who shall erect as new domestic building shall cause the same to be built so that every part of the plinth shall be-

- a) Not less than, 2 feet (60 cms.) above the center of the adjoining street at the nearest point at which the drain from such building can be connected with the sewer than existing or thereafter to be- laid in such street
- b) Not less than 2 feet (60 cms.) Above every portion of the ground within 5 feet (160 cms.)-of such building.
- c) Not less than 92 ft. ([!TownHall]) above Town Hall Datum.

4. Your attention is invited to the provision of Section 152 of the Act whereby the person liable to pay property taxes is required to give notice of erection of a new building or occupation of building which has been vacant, to the Commissioner, within fifteen days of the completion or of the occupation whichever first occurs. Thus compliance with this provision is punishable under Section 471 of the Act irrespective of the fact that the valuation of the premises will be liable to be revised under Section 167 of the Act, from the earliest possible date in the current year in which the completion on occupation is detected by the Assessor and Collector's Department.

5. Your attention is further drawn to the provision of Section 353-A about the necessary of submitting occupation certificate with a view to enable the Municipal Commissioner for Greater Mumbai to inspect your premises and to grant a permission before occupation and to levy penalty for non-compliance under Section 471 if necessary.

6. Proposed date of commencement of work should be communicated as per requirements of Section 347 (1) (aa) of the Bombay Municipal Corporation Act.

7. One more copy of the block plan should be submitted for the Collector, Mumbai Suburbs District.

8. Necessary permission for Non-agricultural use of the land shall be obtained from the Collector Mumbai Suburban District before the work is started. The Non-agricultural assessment shall be paid at the site that may be fixed by the Collector, under the Land Revenue Code and Rules there under.

Attention is drawn to the notes Accompanying this Intimation of Disapproval.





No. EB/CE/ /BS /A/

## NOTES

- 1) The work should not be started unless objections are complied with
- 2) A certified set of latest approved plans shall be displayed on site at the time of commencement the work and during the progress of the construction work.
- 3) Temporary permission on payment of deposit should be obtained any shed to house and store for construction purpose, Residence of workmen shall not be allowed on site. The temporary structures for storing constructional material shall be demolished before submission of building completion certificate and certificate signed by Architect submitted along with the building completion certificate.
- 4) Temporary sanitary accommodation on full flushing system with necessary drainage arrangement should be provided on site workers, before starting the work.
- 5) Water connection for constructional purpose will not be given until the hoarding is constructed and application made to the Ward Officer with the required deposit for the construction of carriage entrance, over the road side drain.
- 6) The owners shall intimate the Hydraulic Engineer or his representative in Wards atleast 15 days prior to the date of which the proposed construction work is taken in hand that the water existing in the compound will be utilised for their construction works and they will not use any Municipal Water for construction purposes. Failing this, it will be presume that Municipal tap water has been consumed on the construction works and bills preferred against them accordingly.
- 7) The hoarding or screen wall for supporting the depots of building materials shall be constructed before starting any work even though no materials may be expected to be stabled in front of the property. The scaffoldings, bricks metal, sand preps debris, etc. should not be deposited over footpaths or public street by the owner/ architect /their contractors, etc without obtaining prior permission from the Ward Officer of the area.
- 8) The work should not be started unless the manner in obviating all the objection is approved by this department.
- 9) No work should be started unless the structural design is approved.
- 10) The work above plinth should not be started before the same is shown to this office Sub-Engineer concerned and acknowledgement obtained from him regarding correctness of the open spaces & dimension.
- 11) The application for sewer street connections, if necessary, should be made simultaneously with commencement of the work as the Municipal Corporation will require time to consider alternative site to

avoid the excavation of the road and footpath.

- 12) All the terms and condition of the approved layout /sub-division under No. of should be adhered to and complied with.
- 13) No Building /Drainage Completion Certificate will be accepted non water connection granted (except for the construction purpose) unless road is constructed to the satisfaction of the Municipal Commissioner as per the provision of Section 345 of the Bombay Municipal Corporation Act and as per the terms and conditions for sanction to the layout.
- 14) Recreation ground or amenity open space should be developed before submission of Building Completion Certificate.
- 15) The access road to the full width shall be constructed in water bound macadam before commencing work and should be complete to the satisfaction of Municipal Commissioner including asphaltting lighting and drainage before submission of the Building Completion Certificate.
- 16) Flow of water through adjoining holding or culvert, if any should be maintained unobstructed.
- 17) The surrounding open spaces around the building should be consolidated in Concrete having broke glass pieces at the rate of 12.5 cubic meters per 10 sq. meters below payment.
- 18) The compound wall or fencing should be constructed clear of the road widening line with foundation below level of bottom of road side drain without obstructing flow of rain water from adjoining holding before starting the work to prove the owner's holding.
- 19) No work should be started unless the existing structures proposed to be demolished are demolished.
- 20) The Intimation of Disapproval is given exclusively for the purpose of enabling you to proceed further with the arrangements of obtaining No Objection Certificate from the Housing Commissioner under Section 13 (h) (H) of the Rent Act and in the event of your proceeding with the work either without an intimation about commencing the work under Section 347(1) (aa) or your starting the work without removing the structures proposed to be removed the act shall be taken as a severe breach of the conditions under which this Intimation of Disapproval is issued and the sanctioned will be revoked and the commencement certificate granted under Section 45 of the Maharashtra Regional and Town Planning Act 1966, (12 of the Town Planning Act), will be withdrawn.
- 21) If it is proposed to demolish the existing structures be negotiations with the tenant, under the circumstances, the work as per approved plans should not be taken up in hand unless the City Engineer is satisfied with the following:-
  - i. Specific plans in respect of evicting or rehousing the existing tenants on hour stating their number and the areas in occupation of each.
  - ii. Specifically signed agreement between you and the existing tenants that they are willing to avail or the alternative accommodation in the proposed structure at standard rent.
  - iii. Plans showing the phased programme of constructions has to be duly approved by this office before

starting the work so as not to contravene at any stage of construction, the Development control Rules regarding open spaces, light and ventilation of existing structure.

- 22) In case of extension to existing building, blocking of existing windows of rooms deriving light and its from other sides should be done first starting the work.
- 23) In case of additional floor no work should be start or during monsoon which will same arise water leakage and consequent nuisance to the tenants staying on the floor below.
- 24) The bottom of the over head storage work above the finished level of the terrace shall not be less than 1.20 Mt.and not more than 1.80 mt.
- 25) The work should not be started above first floor level unless the No Objection Certificate from the Civil Aviation Authorities, where necessary is obtained.
- 26) It is to be understood that the foundations must be excavated down to hard soil.
- 27) The positions of the nahanis and other appurtenances in the building should be so arranged as not to necessitate the laying of drains inside the building.
- 28) The water arrangement nut be carried out in strict accordance with the Municipal requirements.
- 29) No new well, tank, pond, cistern or fountain shall be dug or constructed without the previous permission in writing of the Municipal Commissioner for Greater Mumbai, as required in Section 381-A of the Municipal Corporation Act.
- 30) All gully traps and open channel drains shall be provided with right fitting mosquito proof made of wrought iron plates or hinges. The manholes of all cisterns shall be covered with a properly fitting mosquito proof hinged cast iron cap over in one piece, with locking arrangement provided with a bolt and huge screwed on highly serving the purpose of lock and the warning pipes of the rabbet pretested with screw or dome shape pieces (like a garden mari rose) with copper pipes with perfections each not exceeding 1.5 mm in diameter. The cistern shall be made easily, safely and permanently accessible be providing a firmly fixed iron ladder, the upper ends of the ladder should be earmarked and extended 40 cms above the top where they are to be fixed as its lower ends in cement concrete blocks.
- 31) No broken bottles should be fixed over boundary walls. This prohibition refers only to broken bottles to not to the use of plane glass for coping over compound wall.
- 32)
  - a Louvres should be provided as required by Bye0law No. 5 (b)
  - b Lintels or Arches should be provided over Door and Windows opening
  - c The drains should be laid as require under Section 234-1(a)
  - d The inspection chamber should be plastered inside and outside.
- 33) If the proposed additional is intended to be carried out on old foundations and structures, you will do so as your own risk.

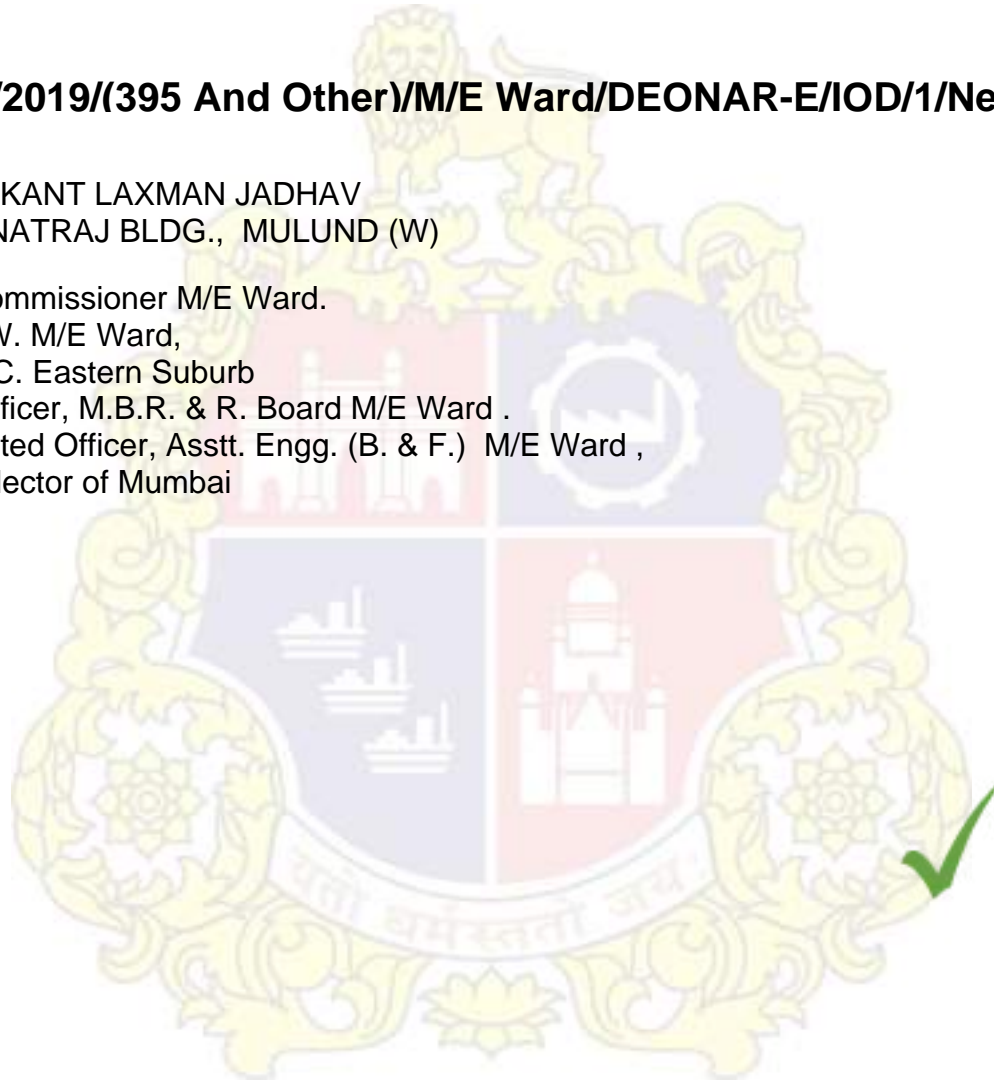


**Executive Engineer, Building Proposals  
Zones ..... wards.**

**P-2373/2019/(395 And Other)/M/E Ward/DEONAR-E/IOD/1/New**

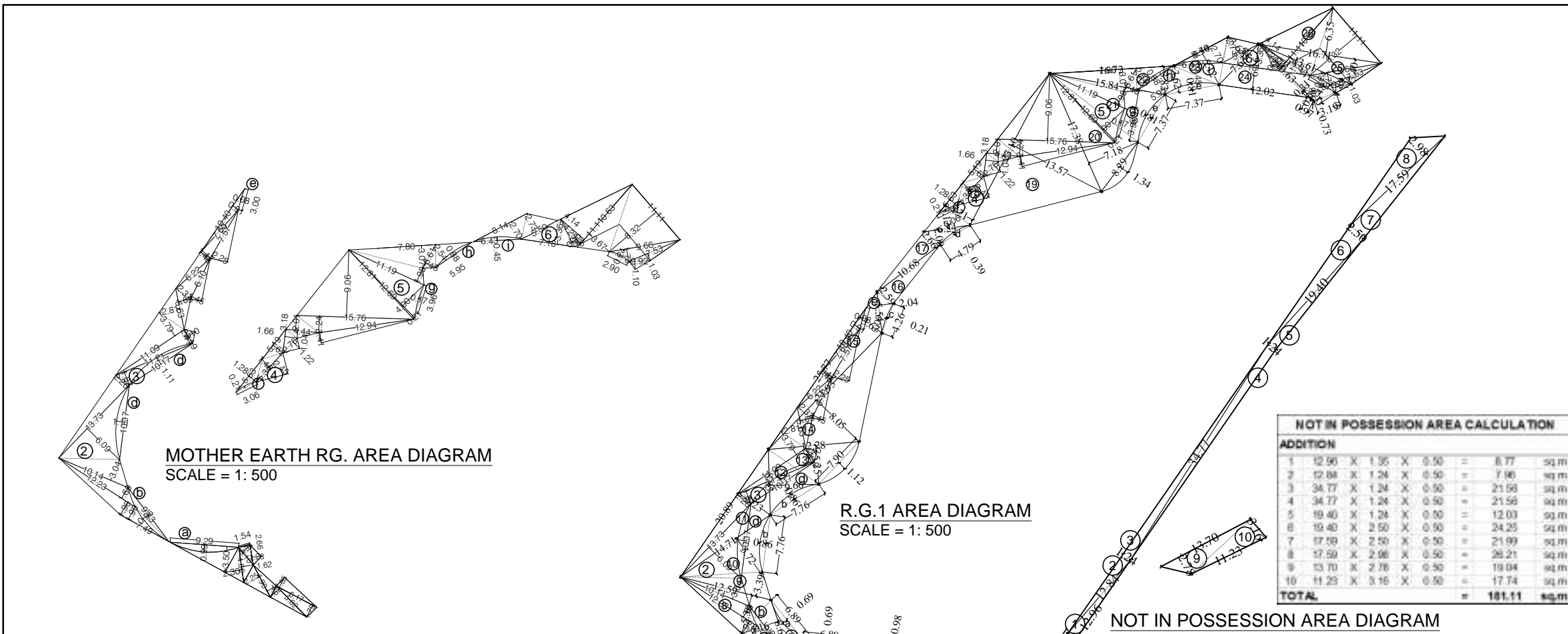
Copy To :- 1. SHASHIKANT LAXMAN JADHAV  
B-106, NATRAJ BLDG., MULUND (W)

2. Asst. Commissioner M/E Ward.
3. A.E.W.W. M/E Ward,
4. Dy.A & C. Eastern Suburb
5. Chief Officer, M.B.R. & R. Board M/E Ward .
6. Designated Officer, Asstt. Engg. (B. & F.) M/E Ward ,
7. The Collector of Mumbai



Name : DEELIP  
PARASHARAM PATIL  
Designation : Executive  
Engineer  
Organization : Personal  
Date : 09-Mar-2020 19: 51:26





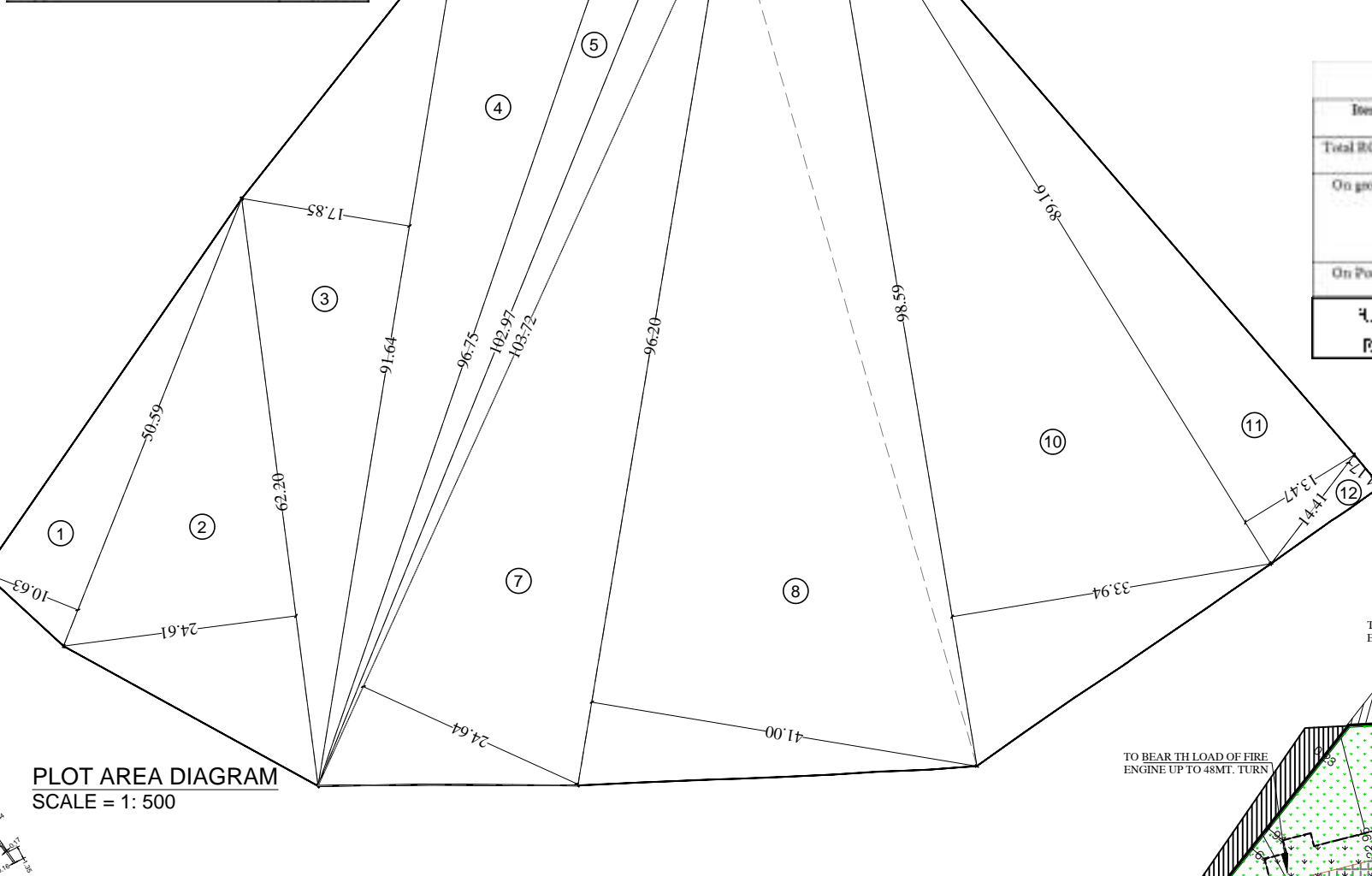
R.G.-1 AREA CALCULATION FOR GROUND FLOOR									
ADDITION (X)									
	1	2	3	4	5	6	7	8	9
	3.21	3.04	0.47	0.47	0.73	1.31	1.23	0.36	0.36
	2.12	2.84	0.38	0.38	0.59	1.09	1.09	0.38	0.38
	1.35	1.07	0.26	0.26	0.41	0.81	0.81	0.26	0.26
	7.41	7.30	0.98	0.98	1.73	3.60	3.60	1.07	1.07
	2.10	2.84	0.38	0.38	0.59	1.09	1.09	0.38	0.38
	2.10	2.84	0.38	0.38	0.59	1.09	1.09	0.38	0.38
	8.66	8.34	1.36	1.36	2.32	4.69	4.69	1.36	1.36
	7.86	8.34	2.41	2.41	3.91	6.31	6.31	2.41	2.41
	6.86	7.34	2.16	2.16	3.46	5.62	5.62	2.16	2.16
	9.13	9.39	1.39	1.39	2.28	3.67	3.67	1.39	1.39
	11.20	11.20	1.34	1.34	2.17	3.51	3.51	1.34	1.34
	11.20	11.20	1.34	1.34	2.17	3.51	3.51	1.34	1.34
	12.80	12.80	1.66	1.66	2.74	4.40	4.40	1.66	1.66
	12.80	12.80	1.66	1.66	2.74	4.40	4.40	1.66	1.66
	2.90	2.90	1.12	1.12	1.82	2.94	2.94	1.12	1.12
	2.90	2.90	1.12	1.12	1.82	2.94	2.94	1.12	1.12
	14.21	14.21	1.86	1.86	3.01	4.87	4.87	1.86	1.86
	12.21	12.21	1.67	1.67	2.70	4.37	4.37	1.67	1.67
	3.54	3.54	2.04	2.04	3.05	5.05	5.05	2.04	2.04
	10.14	10.14	3.87	3.87	5.79	11.69	11.69	3.87	3.87
	17.10	17.10	2.66	2.66	4.31	7.13	7.13	2.66	2.66
	6.24	6.24	2.90	2.90	4.31	6.24	6.24	2.90	2.90
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
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	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03	11.03	4.21	4.21
	20.23	20.23	4.21	4.21	6.81	11.03			

BUILT UP AREA SUMMARY TOWER - (A TO E)					
FLOOR	TOWER A	TOWER B	TOWER C	TOWER D	TOWER E
2ND BASEMENT					
1ST BASEMENT					
STILT FUR. COUNTED IN SI	52.23				
1ST PODIUM FLOOR	304.31	198.80	305.28	348.46	251.08
2ND FLOOR	304.42	198.80		347.65	251.08
3RD FLOOR	304.42	198.80		347.65	251.08
4TH FLOOR	304.42	198.80		347.65	251.08
5TH FLOOR	304.42			386.14	251.08
6TH REFUGE FLOOR	215.72			266.45	251.08
7TH FLOOR	304.42			386.14	251.08
8TH FLOOR	304.42			386.14	
9TH FLOOR	304.42			386.14	
10TH FLOOR	304.42			386.14	
11TH FLOOR	304.42			386.14	
12TH FLOOR	304.42			386.14	
13TH REFUGE FLOOR	252.01			322.93	
14TH FLOOR	304.42			386.14	
15TH FLOOR	304.42			386.14	
16TH FLOOR	304.42			386.14	
17th FLOOR				0.00	
18th FLOOR					
TOTAL	5083.69	994.00	305.28	6208.11	2006.64

STAIRCASE LIFT LOBBY AREA SUMMARY WING - (A TO E)					
FLOOR	WING A	WING B	WING C	WING D	WING E
2ND BASEMENT					
1ST BASEMENT	0	0	0	0	0
GROUND FLOOR	0	0	0	0	0
1ST PODIUM FLOOR	53.84	49.21	55.37	67.34	63.63
2ND FLOOR	53.74	49.21		67.04	63.63
3RD FLOOR	53.74	49.21		67.04	63.63
4TH FLOOR	53.74	49.21		67.04	63.63
5TH FLOOR	53.74			67.04	63.63
6TH REFUGE FLOOR	53.74			64.98	63.63
7TH FLOOR	53.74			65.26	63.63
8TH FLOOR	53.74			65.26	
9TH FLOOR	53.74			65.26	
10TH FLOOR	53.74			65.26	
11TH FLOOR	53.74			65.26	
12TH FLOOR	55.96			65.26	
13TH REFUGE FLOOR	56.89			64.89	
14TH FLOOR	53.74			65.26	
15TH FLOOR	53.74			65.26	
16th FLOOR	53.74			65.26	
TOTAL	919.05	246.05	55.37	1119.75	509.04

Total Commercial BUA		
Zonal Basic FSI		7,544.54
REQ. Commercial BUA	20%	1508.91
Total proposed		2,008.64
I TO R STATEMENT		
REQUIRED 20% BUA OF Flat Having Carpet < 50 sqm		
Zonal Basic FSI		7,544.54
Reqd BUA	20%	1508.908
Proposed BUA		1520.01

CONK PARKING STATEMENT (A)		
LOADING UNLOADING	PARKING PERMISSIBLE AS PER D.C. RULES	PARKING REQUIREMENT
TOTAL FLOOR AREA (SQA) (S)	1 PARKING FOR EVERY 100 SQA	16.74
TOTAL		16.74
SPILL FOR VISITORS PARKING		1.67
LOADING UNLOADING		0.99
TOTAL PARKING REQUIRED (A)		19.41
SEE ALSO		19.40



PLOT AREA CALCULATION					
1	50.59	X	10.63	X	0.50 = 268.89 sq.m
2	62.20	X	24.81	X	0.50 = 785.37 sq.m
3	91.64	X	17.85	X	0.50 = 817.89 sq.m
4	96.75	X	16.47	X	0.50 = 798.36 sq.m
5	102.97	X	5.34	X	0.50 = 274.93 sq.m
6	103.72	X	4.16	X	0.50 = 215.74 sq.m
7	103.72	X	24.64	X	0.50 = 1277.83 sq.m
8	96.20	X	41.00	X	0.50 = 1972.05 sq.m
9	96.59	X	10.78	X	0.50 = 520.41 sq.m
10	96.59	X	33.94	X	0.50 = 1673.07 sq.m
11	89.16	X	13.47	X	0.50 = 600.49 sq.m
12	14.41	X	4.17	X	0.50 = 30.04 sq.m
TOTAL					= 9175.07 sq.m

## SUB STATION AREA DIAGRAM

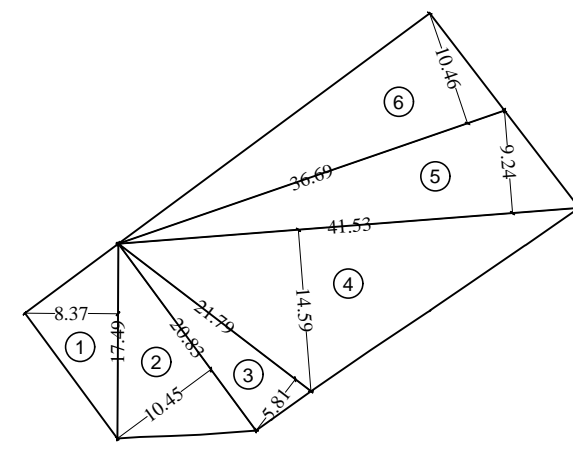
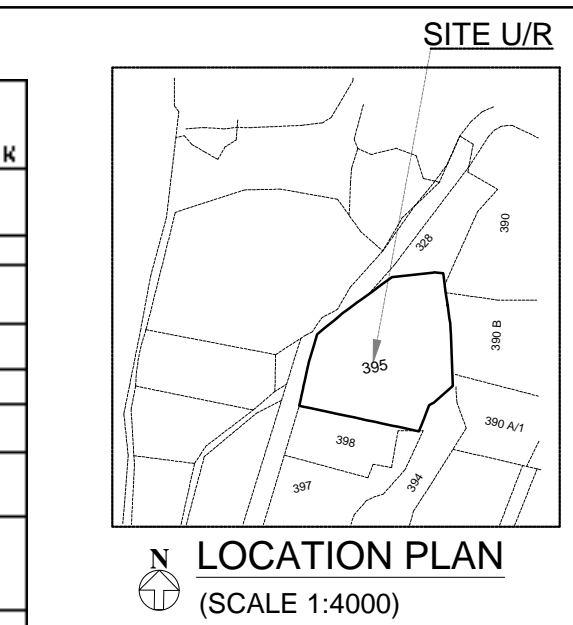
SCALE = 1 : 500

SUB STATION AREA DEDUCTION AREA					
1	4.25 X	0.57	X	0.50 X 1 =	1.22
2	7.95 X	3.05	X	0.50 X 1 =	12.12
3	10.75 X	4.15	X	0.50 X 1 =	22.31
4	18.59 X	2.95	X	0.50 X 1 =	15.62
5	18.59 X	4.61	X	0.50 X 1 =	24.41
TOTAL				=	75.68 SQ.MT

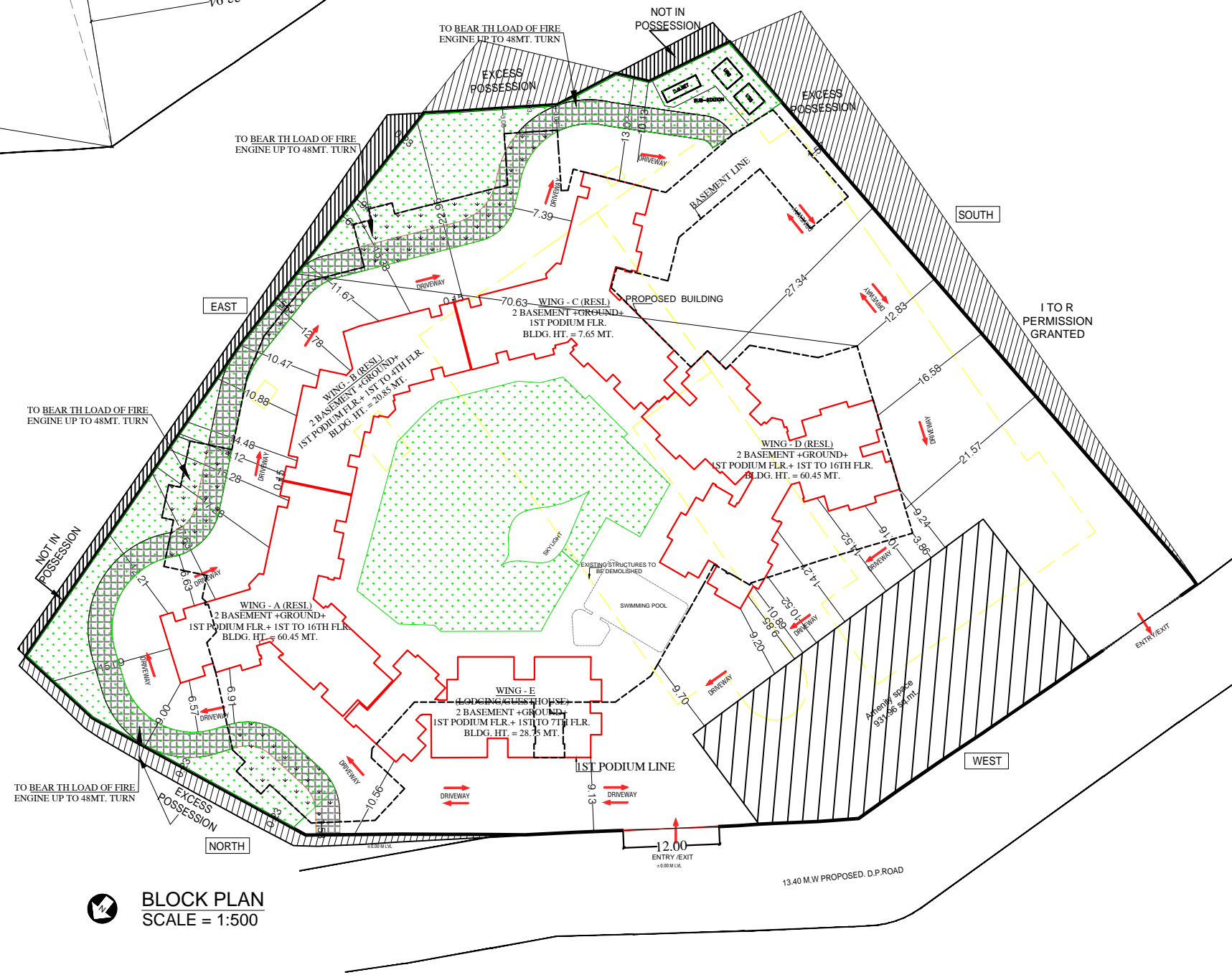
RESIDUAL PARKING AREA STATEMENT			
FLOOR	PARKING REQUIRED	NO. OF FLATS	PERMIPARK
BELOW 45.00 SQ.MT	1 FOR 1 FLATS	0	0.00
45.00 TO 60.00 SQ.MT	1 FOR 1 FLATS	99	99.00
60.00 TO 90.00 SQ.MT	1 FOR 1 FLATS	38	38.00
ABOVE 90.00 SQ.MT	2 FOR 1 FLATS	24	48.00
TOTAL		161	185.00
5% FOR VISITORS PARKING			9.25
REQUIRED PARKING FOR COMM (B)			194
REQUIRED PARKING FOR COMM (A)			19
TOTAL PARKING REQUIRED (C) (A+B)			213
ADD. 50% Parking as per Reg 44 (D)			107
PERMISSIBLE PARKING (C+D)			320
TOTAL PARKING PROPOSED			424
TWO WHEELER PARKING PROPOSED			103

PARKING STATEMENT (WING A TO E)				
FLOOR	BIG	SMALL	TOTAL	TWO WHEELER
GROUND FLOOR	110	54	164	41
UPPER BASEMENT	62	24	86	18
LOWER BASEMENT	124	50	174	25
TOTAL PARKING	296	128	424	85

LOS / RG REQUIREMENT				
Item	RG requirement as per DCR 2034	Required RG (%)	Proposed RG (%)	
Total RG Area	20 % of Net Plot Area	1508.91	1521.81	
On ground	40 % of required RG area	603.35	1116.49	
RG required on rooftop	60% x (963.55)	452.07	467.32	
On Podium	40% of required RG	603.57	793.32	
RG - 1 (GROUND)		1148.42	50.00	
RG - 2 (PODIUM)		783.32	50.00	



AMENITY AREA CALCULATION						
ADDITION						
1	17.49	X	8.37	X	0.50	= 73.20 sq.m
2	20.83	X	10.45	X	0.50	= 108.84 sq.m
3	21.79	X	5.81	X	0.50	= 63.30 sq.m
4	41.53	X	14.59	X	0.50	= 302.96 sq.m
5	41.53	X	9.24	X	0.50	= 191.87 sq.m
6	36.69	X	10.46	X	0.50	= 191.89 sq.m
TOTAL					=	932.00 sq.m



PROFORMA - A		1/19
BLOCK PLAN, LOCATION PLAN, PARKING STATEMENT, R.G. AREA STATEMENT, BUILT-UP AREA SUMMARY.		
Approved subject to the conditions mentioned in this office Letter No. P-2373/2019(395 And Other)/ME Ward/DEONAR-E		
UGALE TUSHAR VITTHA LRAO	MAHES H B SINKAR	DEELIP PARAS HARAM PATIL
S.E./P.-M/III	A.E./P.-I M WARD	EX-ENG./P.-ES-I
PROFORMA - A (As per DCR 2034)		
DCPR 2034		
1	Gross plot area as per MH card = 1070.60 as per Title Certificate = 8476.50	Sq.Mt. 8,476.50
2	Deductions for	
A	For Reservation road area	-
B	For Amenity area	-
C	Deduction for existing BUA to be retained	-
3	Total Deductions (Total of 2A-2C)	932.00
4	Net plot area of plot (1-3)	7,544.54
5	Deduction for 10% RG	754.45
6	Net plot area for development (4)	6,790.09
7	Zonal Basic FSI	1.00
8	Additional Premium FSI	0.50
9	Permissible FSI including Road network X 2 + 20% X 2	1.50
10	Permissible BUA (FSD)	11,185.81
11	Proposed BUA (FSD)	15,200.01
12	Proposed CONK BUA	1,520.01
13	Total Gross BUA 10 + 11 + 12	14,995.82
14	FSI CONSUMER	1.50
15	PERMISSIBLE BUA	14,995.82
16	PROPOSED BUA	15,200.01
17	PERMISSIBLE BUA	15,200.01
18	PROPOSED BUA	15,200.01
19	PERMISSIBLE BUA	15,200.01
20	PROPOSED BUA	15,200.01





# MUNICIPAL CORPORATION OF GREATER MUMBAI

## FORM 'A'

### MAHARASHTRA REGIONAL AND TOWN PLANNING ACT, 1966

No P-2373/2019/(395 And Other)/M/E Ward/DEONAR-E/CC/1/Amend

#### COMMENCEMENT CERTIFICATE

To.  
Puravankara Limited  
804/A Wing B The Capital building, BKC,  
Mumbai-51

Sir,

With reference to your application No. **P-2373/2019/(395 And Other)/M/E Ward/DEONAR-E/CC/1/Amend** Dated. **29 May 2019** for Development Permission and grant of Commencement Certificate under Section 44 & 69 of the Maharashtra Regional and Town Planning Act, 1966, to carry out development and building permission under Section 346 no 337 (New) dated **29 May 2019** of the Mumbai Municipal Corporation Act 1888 to erect a building in Building development work of on plot No. **395 C.T.S. No. 395, 395/1 to 395/10** Division / Village / Town Planning Scheme No. **DEONAR-E** situated at **13.4 m wide D.P. Road Road / Street** in **M/E Ward** Ward .

The Commencement Certificate / Building Permit is granted on the following conditions:--

1. The land vacated on consequence of the endorsement of the setback line/ road widening line shall form part of the public street.
2. That no new building or part thereof shall be occupied or allowed to be occupied or used or permitted to be used by any person until occupancy permission has been granted.
3. The Commencement Certificate/Development permission shall remain valid for one year commencing from the date of its issue.
4. This permission does not entitle you to develop land which does not vest in you.
5. This Commencement Certificate is renewable every year but such extended period shall be in no case exceed three years provided further that such lapse shall not bar any subsequent application for fresh permission under section 44 of the Maharashtra Regional and Town Planning Act, 1966.
6. This Certificate is liable to be revoked by the Municipal Commissioner for Greater Mumbai if :-
  - a. The Development work in respect of which permission is granted under this certificate is not carried out or the use thereof is not in accordance with the sanctioned plans.
  - b. Any of the conditions subject to which the same is granted or any of the restrictions imposed by the Municipal Commissioner for Greater Mumbai is contravened or not complied with.
  - c. The Municipal Commissioner of Greater Mumbai is satisfied that the same is obtained by the applicant through fraud or misrepresentation and the applicant and every person deriving title through or under him in such an event shall be deemed to have carried out the development work in contravention of Section 43 or 45 of the Maharashtra Regional and Town Planning Act, 1966.
7. The conditions of this certificate shall be binding not only on the applicant but on his heirs, executors, assignees, administrators and successors and every person deriving title through or under him.

The Municipal Commissioner has appointed Shri. **Executive Engineer BP ES-I** Executive Engineer to exercise his powers and functions of the Planning Authority under Section 45 of the said Act.

Issue On : 18 Feb 2021

Valid Upto : 17 Feb 2022

Application Number : P-2373/2019/(395 And Other)/M/E  
Ward/DEONAR-E/CC/1/New

Remark :

CC upto 'Top of Plinth' for wing D as per IOD plans dt. 09.03.2020 and as per Phase Programme dated 12.02.2021.

Executive Engineer BP ES-I

Executive Engineer

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Issue On : 15 Jun 2021

Valid Upto : 14 Jun 2022

Application Number : P-2373/2019/(395 And Other)/M/E  
Ward/DEONAR-E/CC/1/Amend

Remark :

CC up to 'Top of Plinth' for wing A, B, C, and E as per IOD plans dt. 09.03.2020 and as per Phase Programme dated 12.02.2021. CC shall be valid up to 17 Feb 2022.



Name : Bajirao Lahu Patil  
Designation : Executive  
Engineer  
Organization : Personal  
Date : 15-Jun-2021 21: 12:49

For and on behalf of Local Authority  
Municipal Corporation of Greater Mumbai

Cc to :

1. Architect.
2. Collector Mumbai Suburban /Mumbai District.

Executive Engineer . Building Proposal

Eastern Suburb M/E Ward Ward





# MUNICIPAL CORPORATION OF GREATER MUMBAI

NO. Ch.E./DP34201901111192642 D.P. Rev. dt. Refer Inward Number: M/E/2019/111192647 Payment Dated 15/01/2019

Office of the Chief Engineer (Development Plan)  
Municipal Head Office, 5th Floor,  
Annex Building, Fort,  
Mumbai - 400 001

## DP 2034 Remarks

To,

Mr./Mrs. shashikant laxman jadhav  
B-106,natraj bldg mulund goregaon link road,mulund west

Sub: Development Plan 2034 remarks in respect to Land Bearing C.T.S. No(s) 395 of DEONAR Village situated in M/E Ward, Mumbai.

Ref : Application u/no. M/E/2019/111192647 Payment Challan No. DP34201901111192642 Dated 15/01/2019 certifying payment of charges made under Receipt no. 18200097287 Dated 15/01/2019

Gentleman/Madam,

With reference to above, Development Plan 2034 remarks sanctioned by GoM in respect of subject land boundaries, shown in blue color boundary on the accompanied plan, are as follows.

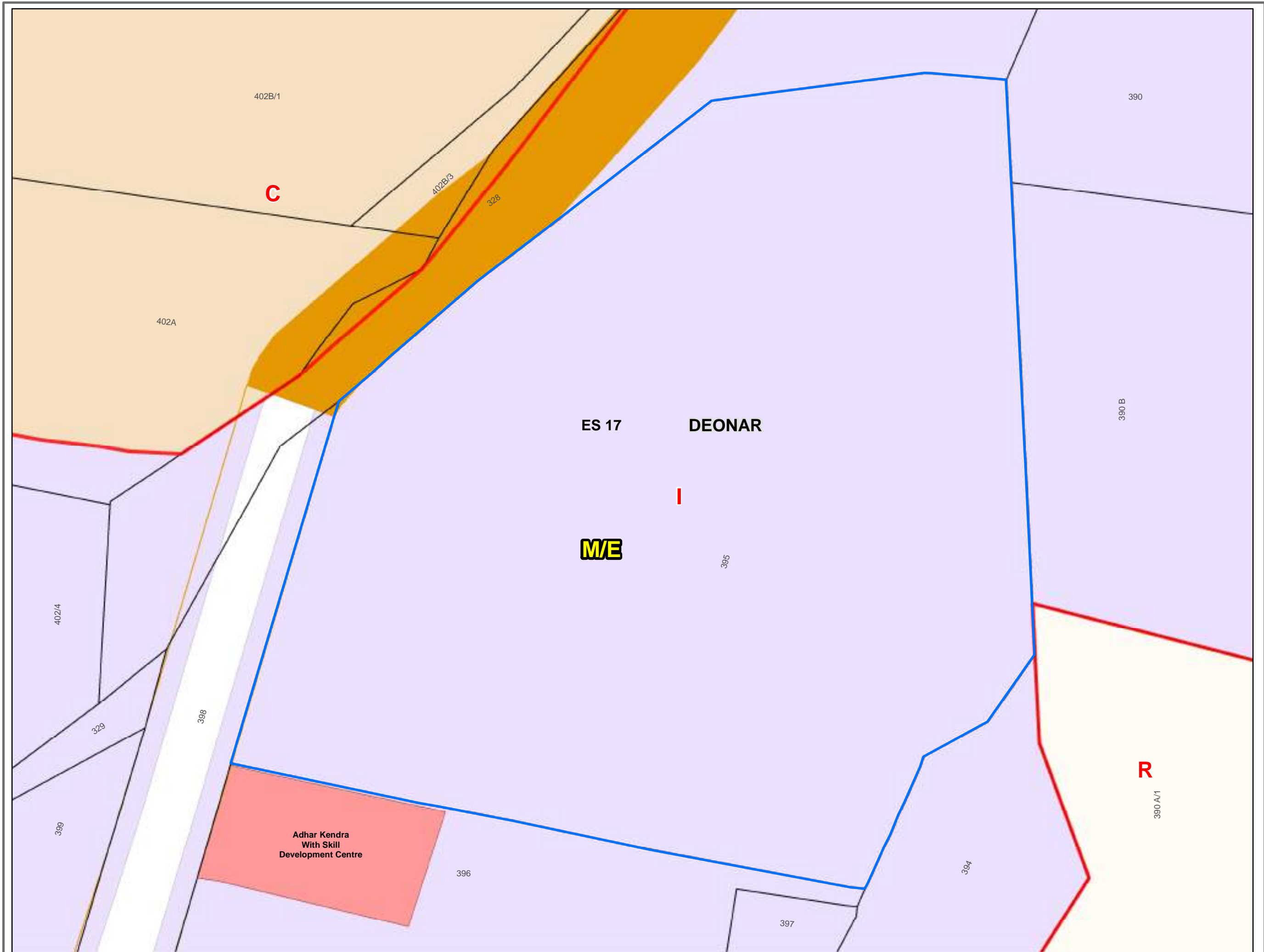
Description	Nomenclature	Remarks
CTS No.	395	
Village	DEONAR	
Development Plan 2034 referred to Ward	M/E	
Zone [as shown on plan]	Industrial(I)	
Land abutting to Zonal boundary	Residential(R)	
Roads affecting the Land [as shown on plan]	Existing Road	NIL
	Proposed Road	Proposed Road 13.4 m
	Proposed Road Widening	Proposed Road 13.4 m
Reservation affecting the Land [as shown on plan]	NO	
Reservation abutting the Land [as shown on plan]	RSA6.2(Adhar Kendra With Skill Development Centre)	
Existing amenities affecting the Land [as shown on plan]	NO	
Existing amenities abutting the Land [as shown on plan]	NO	
Whether a listed Heritage building/ site:	Yes / No	
Whether situated in a Heritage Precinct:	Yes / No	
Whether situated in the buffer zone/Vista of a listed Grade- I heritage site:	Yes / No	
Whether a listed archaeological site (ASI):	Yes / No	
Whether situated in the buffer zone/Vista of a listed archaeological site (ASI):	Yes / No	
<b>Note:</b> The remarks are offered based on the records of CS/CTS boundaries/CS/CTS Nos available with this office. However the boundaries shown in the records of City Survey Office shall supersede those shown on the DP Remarks Plan.		

Demarcation: The Alignment of the proposed road/R.L. and boundaries of reservations and their area are subject to the actual demarcation on site by E.E.E&C./A.E.(Survey) as case may be.
Remarks are offered only from the zoning point of view without reference to ownership and without carrying out actual site inspection and without verification of the status of the structures if any on the land under reference. Status of the existing road, if any, shall be confirmed from the concerned Ward Office.
<p>The DP Remarks and Plan shall be read with notification no. TPB.4317/629/CR-118/2017/UD-11 dt. 8.11.2017, TPB.4317/778/CR-267/2017/UD-11 dt. 7.2.2018, TPB.4317/629/CR-118/2017/DP/UD-11 dt 8.5.2018 &amp; TPB.4317/629/CR-118/2017/EP/UD-11 dt.8.5.2018 before granting any development permission on the land/s. (For the Sanctioned Modification &amp; Excluded Portion the link for notification is as under:-</p> <p>Notifications:</p> <p>MCGM Home Page (<a href="http://portal.mcgm.gov.in">portal.mcgm.gov.in</a>)&gt; Related Link&gt; More&gt; Draft Development Plan (2014-34)</p> <p>Plans:</p> <p>EP Sheets:- MCGM Home Page (<a href="http://portal.mcgm.gov.in">portal.mcgm.gov.in</a>)&gt; Related Link&gt; More&gt; Draft Development Plan (2014-34)&gt; Development Plan 2034 (Excluded Part) EP Sheets, 8th May 2018</p> <p>SM Sheets:- MCGM Home Page (<a href="http://portal.mcgm.gov.in">portal.mcgm.gov.in</a>)&gt; Related Link&gt; More&gt; Draft Development Plan (2014-34)&gt; Development Plan 2034(sanctioned part) SM sheets, 8th May 2018</p>

### Additional Information

<p>Drainage Remark:</p> <p>Drain Manhole near the plot (Node ID 2180077301, 6.89 meters far) has invert level 33.04 meters with reference to Town Hall Datum (THD).</p>
<p>Ground level:</p> <p>The plot has minimum 36.40 meters and maximum 38.80 meters ground level with reference to Town Hall Datum (THD)</p>
<p>RL Remark:</p> <p>REGULAR LINE REMARKS (Traffic):</p> <p>As far as Traffic department is concerned, there is no any proposed or sanctioned Regular Line/Road Line at present along the plot C.T.S. No.(s) 395 of Village/Division DEONAR in M/E ward of M.C.G.M. as shown bounded blue on accompanying plan.</p> <p>You are also requested to obtain remarks from Asst. Engineer (Survey) M/E Ward.The earlier R.L. Remarks issued by this office if any shall be treated as cancelled.</p> <p>The above remarks are issued without prejudice to the ownership, status of the structure, plot boundaries and will supercede to the earlier remarks and shall be valid for one year from the date of its issue.</p> <div data-bbox="657 1048 880 1272" data-label="Image"> </div>
<p>Acc: As Plan</p> <p>Note: The above information is as per the data received from concerned MCGM Departments.</p>

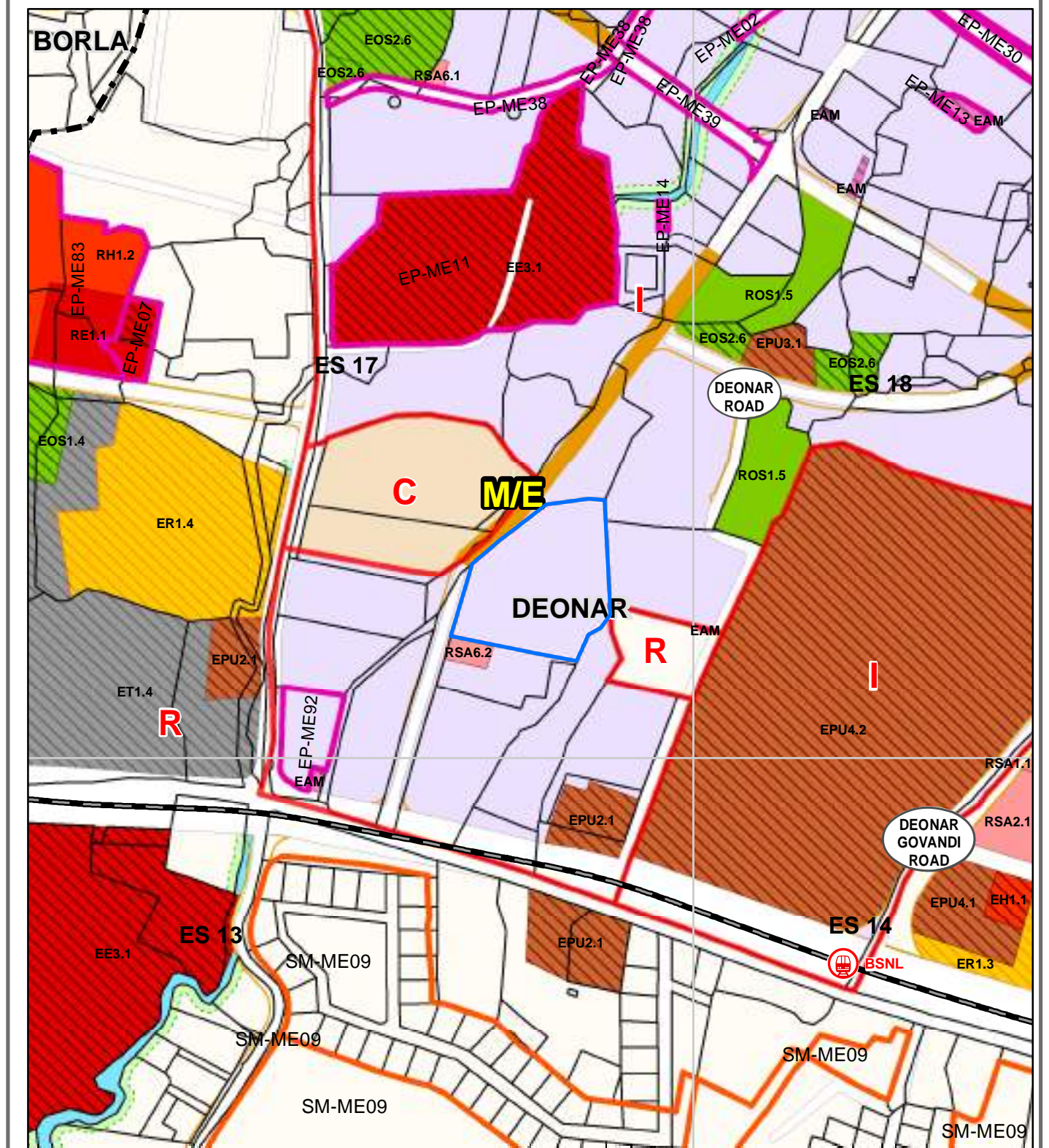




BLOCK PLAN

Scale 1:500

Land Bearing C.T.S.No(s) 395 of DEONAR Village in M/E Ward



LOCATION PLAN

Scale 1:4000

Note:

DP Remarks have been offered only from Zoning point of view without any reference to the existing and status of the structures on the land under reference etc. This plan is to be read with letter under

CHE/DP34201901111192642/DP/ES/M/E

This is an electronically generated document. Hence NO signature required. Assistant Engineer (DP), M/E Ward. Dated: 15/01/2019



**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
**(Development Plan Department)**

**Development Plan 2034**

Office of the Chief Engineer (Development Plan),  
5th Floor, Annexe Building,  
Municipal Head Office,  
Mahapalika Marg, Fort, MUMBAI - 400 001.



**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
**MUMBAI FIRE BRIGADE**

**Sub:** N.O.C. stipulating Fire-Protection & Fire-Fighting requirements for the Proposed Construction of High Rise Residential-cum-Commercial Building, in General Industrial (I-2) Zone, On Plot bearing C.T.S. Nos. 395, 395/1 to 395/10, of Village Deonar, M/East Ward, Mumbai -400 088.

**Ref:** 1) Online File Submission No. CHE/ES/2373/M/E/337 (New).

**E.E.B.P. (E.S.)**

This is proposal for the Construction of High Rise Residential-cum-Commercial Building, comprising of 05 Wings, designated as Wing -A, Wing -B, Wing -C, Wing -D & Wing -E. Wings A, B, C & D are High Rise Residential buildings & Wing -E is Low Rise Guesthouse Wing. All wings are having Common 02 level basements + Ground floor part on stilt + 1<sup>st</sup> Podium Deck level for R.G., thereafter the building is divided into 06 different Wings. High Rise Wing-A & C are having 1<sup>st</sup> to 18<sup>th</sup> upper floors (18<sup>th</sup> Part) with a total height of 67.05 mtrs. measured from general ground level up to terrace level. High Rise Wing-B is having 1<sup>st</sup> to 17<sup>th</sup> upper floors with a total height of 63.75 mtrs. measured from general ground level up to terrace level. High Rise Wing-D is having 1<sup>st</sup> to 16<sup>th</sup> upper floors with a total height of 60.45 mtrs. measured from general ground level up to terrace level, & Low Rise Guesthouse Wing-E is having 1<sup>st</sup> to 7<sup>th</sup> upper floors with a total height of 28.75 mtrs. measured from general ground level up to terrace level, Licensed Surveyor has proposed Sub-station, D.G. Set, USS Rooms on South-East Corner of the plot, as shown on the enclosed plans.

➤ **The Floor-Wise user of the High Rise Residential-cum-Commercial Building;**

Floors;	Occupancy per floor;				
	Wing A	Wing B	Wing C	Wing D	Wing -E
Lower Basement (- 08.40 mtrs.)	STP tanks & Space for U.G. tank + Pump rooms + 02 Tier Stack with Pit & Horizontal car parking accessible by 06.00 mtrs. wide 02 way ramp.				
Upper Basement (- 03.15 mtrs.)	Horizontal car parking accessible by 06.00 mtrs. wide 02 way ramp + Pump rooms + L.V. rooms.				
Ground floor part on stilt.	Double height entrance lobby + Fire Control rooms + Electric Meter Rooms + Admin room + Society office & Stilt for Regular as well as 02 Tier Stack car parking.				
Podium floor (Only at the Centre).	Common Podium for R.G. Open to sky & for Swimming pool.				
	03 Residential Flats.	02 Residential Flats.	03 Residential Flats.	06 Residential Flats.	10 Rooms
1 <sup>st</sup> to 4 <sup>th</sup> floors.	03 Residential Flats.	02 Residential Flats.	03 Residential Flats.	06 Residential Flats.	10 Rooms
5 <sup>th</sup> floor.	03 Residential Flats.	01 Residential + Lower level of 01 Duplex Residential Flat.	03 Residential Flats.	06 Residential Flats.	10 Rooms



6 <sup>th</sup> floor.	02 Residential Flats + Refuge area	01 Residential Flat + Upper level of 01 Duplex Residential Flat + Refuge area	02 Residential Flats. + Refuge area	04 Residential Flats. + Refuge area	10 Rooms
7 <sup>th</sup> floor.	03 Residential Flats.	02 Residential Flats.	03 Residential Flats.	06 Residential Flats.	10 Rooms
8 <sup>th</sup> , 9 <sup>th</sup> , 11 <sup>th</sup> & 14 <sup>th</sup> to 16 <sup>th</sup> floors.	03 Residential Flats.	02 Residential Flats.	03 Residential Flats.	06 Residential Flats.	Terrace.
12 <sup>th</sup> floor.	02 Residential Flats + Lower level of 01 Duplex Residential Flat.	01 Residential Flat + Lower level of 01 Duplex Residential Flat.	02 Residential Flat + Lower level of 01 Duplex Residential Flat.	06 Residential Flats.	-----
13 <sup>th</sup> floor.	02 Residential Flats + Upper level of 01 Duplex Residential Flat + Refuge area.	02 Residential Flats + Upper level of 01 Duplex Residential Flat + Refuge area.	02 Residential Flats + Upper level of 01 Duplex Residential Flat + Refuge area.	05 Residential Flats + Refuge area	-----
17 <sup>th</sup> floor.	03 Residential Flats.	02 Residential Flats.	03 Residential Flats.	Terrace.	-----
18 <sup>th</sup> floor.	02 Fitness Centers + Part terrace.	Terrace.	02 Fitness Centers + Part terrace.	-----	-----
Terrace.	Open to sky of each Wing (to be treated as Refuge area)				

The proposed site / plot abut on 13.40 mtrs. wide Road on West side & the Side open spaces around the proposed High Rise Residential-cum-Commercial building are as follows;

Side	Wing -A	Wing -B	Wing -C	Wing -D
North	09.00 mtrs. to 15.06 mtrs. including Paved R.G. + R.G.	Annexed to Wing - A	R.G. on Podium.	R.G. on Podium
South	Annexed to Wing - B	Annexed to Wing - C	13.11 mtrs. & more	16.78 mtrs. to 27.55 mtrs.
East	12.14 mtrs. to 17.55 mtrs. including Paved R.G. + R.G.	10.47 mtrs. to 14.48 mtrs. including Paved R.G. + R.G.	21.72 mtrs. including Paved R.G. + R.G.	Annexed to Wing - C
West	Annexed to Wing -E	R.G. on Podium	Annexed to Wing - D.	09.24 mtrs. to 14.21 mtrs.

<b>Side</b>	<b>Open spaces for Low Rise Guesthouse Wing-E, are as follows;</b>
North	09.13 mtrs.
South	R.G. on Podium
East	Annexed to Wing –A
West	09.70 mtrs. .+ 13.40 mtrs. wide Road.

**Details of Refuge Area, (For High Rise Residential Wings A, B, C & D);**

Floor	Wings	Refuge area in sq. mtrs.		At the height from ground level in mtrs.
		Required	Provided	
6 <sup>th</sup> floor.	Wing ‘A’	80.62 sq. mtrs.	95.34 sq. mtrs.	24.15 mtrs.
	Wing ‘B’	53.60 sq. mtrs.	53.72 sq. mtrs.	
	Wing ‘C’	80.43 sq. mtrs.	95.46 sq. mtrs.	
	Wing ‘D’	101.28 sq. mtrs.	111.95 sq. mtrs.	
13 <sup>th</sup> floor.	Wing ‘A’	58.48 sq. mtrs.	60.26 sq. mtrs.	47.25 mtrs.
	Wing ‘B’	38.47 sq. mtrs.	39.16 sq. mtrs.	
	Wing ‘C’	58.35 sq. mtrs.	58.65 sq. mtrs.	
	Wing ‘D’	58.25 sq. mtrs.	58.27 sq. mtrs.	
In addition to above, Terrace floors of all the above High-Rise Wings as well as Low Rise Wing E shall be treated as refuge area. Excess refuge area if any shall be counted in FSI.				

**The Details of Staircases of High-Rise Residential Wings A, B, C & D;**

Staircase Description	Width of staircase	No. of staircase	Type
Leading from 2 <sup>nd</sup> Basement level up to terrace level, (Diverted at ground level).	01.50 mtrs.	01 for each	Enclosed
The staircases are externally located & adequately ventilated. The basements are provided with smoke check lobby, as shown in the enclosed plans.			

**The Details of Staircases of Low Rise Guesthouse Wing-E;**

Staircase Description	Width of staircase	No. of staircase	Type
Leading from 2 <sup>nd</sup> Basement level up to terrace level, (Diverted at ground level).	01.50 mtrs.	02	Enclosed
Leading from Ground level up to terrace level			
The staircases are externally located & adequately ventilated. The basements are provided with smoke check lobby, as shown in the enclosed plans.			

**The Details of Lifts of High-Rise Residential Wings A, B, C & D;**

Lifts Type;	Profile;	Nos. of Lifts;			
		Wing A	Wing B	Wing C	Wing D

Passenger Lifts	Leading from 2 <sup>nd</sup> Basement level up to Terrace level.	02 Nos.	02 Nos.	02 Nos.	03 Nos.
01 Lift from each Wing will be converted into Fire Lift. The Lift lobby / Common passage on each floor in Each Wing are ventilated to outside air, as shown in the enclosed plans.					

#### **The Details of Lifts of Low Rise Guesthouse Wing-E;**

Lifts Type;	Profile;	Nos. of Lifts for Wing E;
Passenger Lifts	Leading from Ground level up to Terrace level.	02 Nos.
01 of the Lift will be converted into Fire Lift. The Lift lobby / Common passage on each floor are ventilated to outside air, as shown in the enclosed plans.		

#### **Basements (Common for Wing A, B, C, D & E);**

The basement levels are proposed below the building as well as extend beyond the building line. The basements will be ventilated through ventilation cutouts, as shown in the plans. In addition, mechanical ventilation will be provided as per the rules.

#### **Access Ramps;**

No. of Access Ramps	Width	Details
01	06.00 mtrs.	Leading from ground level up to 2 <sup>nd</sup> basement level.

#### **➤ The proposal has been considered favorably in view of the facts that;**

1. The proposed site / plot abuts on 13.40 mtrs. wide Road on West side. As such, the proposed building is accessible to fire appliances.
2. The Architect uploaded wide his letter dated 07-11-2019 and he stated that, they will provide ventilation with cross sectional area of minimum 2.5% of floor area for the basement also the available court yard/ open space provide for fire engine access will be designed to bear load for fire engine with point load 10kg/cm<sup>2</sup> as per requirement.
3. The building will be protected with advance in built Fire-fighting system such as Wet riser, Hydrant system, Fire alarm system & Sprinkler system, Public address system, Smoke detection system etc.
4. The fire resistance rating for staircase F.R.D., Lift lobby / protected lobby & the lift doors as per N.B.C. provisions.
5. During construction stage & prior to Final Occupation Party to comply with additional requirements stipulated by Mumbai Fire Brigade Officer if any in future.

In view of the above, as far as this Department is concerned, there would be no objection for the Construction of High Rise Residential-cum-Commercial Building, comprising of 05 Wings, designated as Wing A, Wing B, Wing C, Wing D & Wing E. Wing A, B, C & D are High Rise Residential Wings & Wing E is Low Rise Guesthouse Wing. All Wings are having Common 02 level basements + Ground floor part on stilt + 1<sup>st</sup> Podium Deck level for R.G., thereafter the building is divided into 06 different Wings. High Rise Wing-A & C are having 1<sup>st</sup> to 18<sup>th</sup> upper floors (18<sup>th</sup> Part) with a total height of 67.05 mtrs. measured from general ground level up to terrace level. High Rise Wing-B is having 1<sup>st</sup> to 17<sup>th</sup> upper floors with a total height of 63.75 mtrs. measured from general ground level up to terrace level. High Rise Wing-D is having 1<sup>st</sup> to 16<sup>th</sup>

upper floors with a total height of 60.45 mtrs. measured from general ground level up to terrace level, & Low Rise Guesthouse Wing-E is having 1<sup>st</sup> to 7<sup>th</sup> upper floors with a total height of 28.75 mtrs. measured from general ground level up to terrace level, as per shown on the submitted enclosed plans, signed in token of approval, subject to satisfactory compliance of the following Wing requirements;

**1. ACCESS;**

- i. All access & fire tender access should be free of encumbrances.
- ii. Courtyard s shall be flushed with the road levels.
- iii. Entrance gate if provided shall be of not less than 06.00 mtrs. width each shall be provided, at locations marked on the plan.
- iv. Archways, if any over the entrance gates, shall have height clearance of not less than 6.00 mtrs.

**2. PROTECTION TO STRUCTURAL STEEL:**

- i. All the structural steel members i.e. columns, beams etc., shall be protected with the 02 hours fire resisting materials & methods as stipulated under IS 1942-1960 as application for residential building.
- ii. A certificate for as stated above shall be furnished from the Structural Engineer as the time of application for occupying the building.

**3. COURTYARDS:**

- i. The available courtyards / open space, on all the sides of the building shall be paved, suitably to bear the load of fire engines weighing up to 48 m. tones each with point load of 10 Kgs. /sq. cms.
- ii. All the courtyards shall be in one plan.
- iii. The courtyards shall be kept free from obstruction at all times.

**4. TREE CUTTING (If any):**

Trees falling before entrance gates shall be cut, while trees falling within the compulsory open space / courtyard shall be either transplanted or to be cut as may be found feasible by the Superintendent of Garden / Tree Authority.

**5. STAIRCASES:**

- i. The flight width of staircases shall be maintained as shown in the enclosed plans.
- ii. The layout of staircases shall be enclosed type as shown in the plan throughout its height & shall be approached (gained) at each floor level at least 02 hours fire resistant self-closing door (45 mm. thickness) placed in the enclosed wall of the staircase.
- iii. Externally located staircases adequately ventilated to outside air with smoke check lobby for the basement.
- iv. Permanent vent at the top equal to 5% of the cross sectional area of the staircase shall be provided.
- v. Openable sashes or R.C.C. grills with clear opening of not less than 0.5 sq.mtrs. per landing on the external wall of the staircase shall be provided.
- vi. No combustible material shall be kept or stored in staircase / passage.
- vii. Internal staircases shall be no combustible material.

**6. BASEMENTS:**

- i. Each basement shall be separately ventilated. Vents with cross, sectional area (Aggregate) not less than 2.5 percent of the floor area spread evenly around the perimeter of the basement shall be provided in the form of grills or breakable stall boards lights or pavement lights or by way of shafts. Alternatively, a system of air inlets shall be provided at basement floor level &

smoke outlets at basement ceiling level. Inlets & outlets may be terminated at ground level with stall boards or pavement lights as before but ducts to convey fresh air to the basement floor level shall have to be laid. Stall boards & pavement lights should be in position easily accessible to the Fire Brigade Personal & Rescue Teams & clearly marked '**SMOKE OUTLET**' or '**AIR INLET**' with an indication of area served at or near the opening.

- ii. The basements shall be used for designated purpose only as shown in the plan.
- iii. The basements shall be provided with natural ventilations through the ventilators, open cut outs as shown in the plan.
- iv. The staircases of the basements shall be of enclosed type & entry to basement areas shall be through 02 hours fire resistance self-closing door provided in the enclosed wall of the staircase & through smoke check / cut off lobby. The smoke check / cut off lobby shall be mechanically pressurized.
- v. Mechanical ventilation shall be provided to the basement with 06 air changes per hour with an arrangement to accelerate the rate of air changes to 12 per hour in the event of a fire emergency.
- vi. The ducts of the mechanical ventilations system shall be of substantial metal gauge as per the relevant I.S. standard.
- vii. Basement area shall be divided in compartments as per rule.
- viii. The operating switches of the mechanical ventilation shall be located in the fire control room with appropriate zonal indications.
- ix. Exhaust duct shall be provided to draw out exhaust at ground level of the basement.
- x. Suitable signage's shall be provided in the basement showing exit direction, way to exits etc.
- xi. Automatic sprinkler system shall be provided in basement area. These systems shall be installed as per the standard laid down by T.A.C. & relevant I.S. specifications
- xii. Smoke off lobby, Staircases, common passages & escape routes of the entire building shall be painted with fire retardant paint.
- xiii. Staircase & lift lobby shall have illuminated by inverter operated exits signs with IP 54 enclosure. Luminance of the signage's shall be such that they are visible from a distance of 12.00 to 16.00 mtrs.
- xiv. The staircases of the basements & the associated lift lobbies shall be pressurized in the event of fire. The pressure in this enclosed staircase & enclosed lift lobbies shall be maintained not less than 5 m.m. W.G. & 2.5 mm W.G. for lift lobbies.
- xv. CO Detector with audible alarm system shall be provided to all the basement areas & the circuit of the same shall be given / connected to mechanical ventilation system to start automatically on actuation of CO Detector & the other detectors provided in the basements.
- xvi. Ventilation system shall start automatically on actuation of detector provided in the basement area.
- xvii. Exhaust duct, mechanical ventilation duct should not pass through exit or entry.
- xviii. The basement beyond building line shall be paved, suitably to bear the load of fire engines weighing up to 48 m. tones each with point load of 10 Kgs. / sq. cms.
- xix. 02 Nos. of Dry Chemical Powder (ABC) type fire extinguishers of 09 Kgs. capacity each with I.S.I. certification mark shall be kept for every 100 sq. mtrs. area in each basement.

## **7. ELECTRIC CABLE SHAFTS, SERVICES & METER ROOM:**

- i. Electric cable shafts shall be exclusively used for electric cables & should not open in staircase enclosure.
- ii. Inspection doors for shafts shall have 02 hours fire resistance.
- iii. Electric shafts shall be sealed at each floor level with non-combustible materials such as vermiculite concrete. No storage of any kind shall be done in electric shaft.
- iv. Electric wiring / cable shall be non-toxic, non-flammable, low smoke hazard having copper core / fire resistance for the entire building with provision of E.L.C.B. / M.C.B.

- v. Electric meter rooms shall be provided at ground floor level & shall be adequately ventilated & easily accessible.
- vi. Electric wiring shall be having copper core having the fire resistance & low smoke hazard cables for the entire building, with the provision of E.L.C.B. / M.C.B. Low & Medium voltage wiring running in shaft & in false ceiling should run in separate conduits.
- vii. Water mains, telephone lines, intercom lines, gas pipes or any other service line should not be laid in the duct for electrical cables, use of bus bar / solid rising mains instead of cables is preferred.
- viii. Separate circuits for fire-fighting pumps, lifts, staircases & corridor lighting & blowers for pressurizing system shall be provided directly from the main switch gear panel & these circuits shall be laid in separate conduit pipes, so that fuse in one circuit will not affect the others. Such circuits shall be protected at origin by an automatic circuit breaker with its no-volt coil removed.
- ix. Master switches controlling essential service circuits shall be clearly labeled.

**8. ELECTRIC SUB STATION (Dry Type):**

- i. Only dry type transformer shall be installed.
- ii. The proposed Electric Sub-station shall be covered from all three sides either by 04 hours fire resistance brick masonry walls / R.C.C. of 9<sup>th</sup> thickness with provision of 02 hours fire resistant door.
- iii. Entire Installation of sub-station including Switchgear Room, Capacitors, & Transformer etc. shall be conforming to the Indian Electrical Act. & Ruled framed their under.
- iv. The proposed sub-station shall be constructed as per plan.
- v. Cables in the cable trenches shall be coated with fire retardant material.
- vi. Electric wiring shall be having copper core having the fire resistance & low smoke hazard cables for the entire building with provision of .E.L.C.B. / M.C.B.
- vii. Automatic built-in-circuit breakers shall be provided in the Electric Sub-Station.
- viii. Transformer shall be suitably insulated & shall be designed for continuous operation at rated KVA at the secondary terminal under the prevailing service condition at a higher rated voltage.
- ix. The design, treatment & construction of Transformer & breaking of the windings shall be such as to withstand the heavy, mechanical & thermal stresses, which may be experienced under the condition of daily cycle of heating & pulling due to fluctuation in load of dead short circuit on either side of the transformer.
- x. The capacity of the Electrical sub-stations shall be as per Electric supply company's requirements.
- xi. Adequate air & ventilation for Switchgear Room is essential to prevent condensation of moistures
- xii. All parts of Switchgear & Transformer shall be got examined frequently & carefully for signs of overheating, tracking etc.
- xiii. Entrance, Exit & clear passage shall be kept free from obstruction.
- xiv. Good housekeeping shall be maintained at the premises & flooring shall be kept free from oil spillage.
- xv. Smoking, Heating, Cooking use of naked light on the premises shall be strictly prohibited.
- xvi. Switches gears shall be housed in separate room, separated from the transformer base by a fire resistant wall of not less than 04 hours.
- xvii. All security & staff shall be well trained to use the fire-fighting equipment & summoned the fire brigade in case of emergency.
- xviii. The Electric Sub-Stations area shall be kept prohibited and no unauthorized person shall be allowed to enter in the area.

- xix. Authenticity / Approval of the premises shall be inspected, verified & approved by concerned department & municipal authorities of concerned Ward till then further process shall not be permitted.
- xx. Location, place & capacity of the sub-station shall be inspected, verified & approved by concerned authorities.
- xxi. 04 Nos. of Dry Chemical Powder (ABC) type fire extinguishers of 09 Kgs. capacity each with I.S.I. certification mark coupled with 08 buckets filled with dry, clean sand shall be kept at the entrance of the Electrical Sub-station.

**9. D. G. SET ROOM:**

- i. D.G. Set with appropriate change over switch shall be provided for fire pumps, sprinkler pump, booster pump, staircase and corridor lighting circuits, manual fire alarm system & Fire lift.
- ii. For proposed D. G. Set acoustic enclosure will be provided for safe operation.
- iii. Entire installation of D. G. Set shall be confirming to the Indian Electrical Act. / Rules & Practice.
- iv. A deep tray shall be kept under the fuel tank of the D. G. Set to collect the spillage & same shall be disposed off daily without fail.
- v. Cable in the cable trenches shall be coated with fire retardant material.
- vi. Electrical wiring shall be having copper core having the fire resistant and low smoke hazards cables for the entire building with the provision of E.L.C.B. / M.C.B.
- vii. In electrical installation of the building shall be provided for vertical electrical shaft with feeder pillar box of a gap of every 24 mtrs. Height of the building.
- viii. Adequate air and ventilation for switchgear room is essential to prevent condensation of moistures.
- ix. The capacity of the D.G. Set shall be 500KVA as per BEST's requirements.
- x. D.G. Set shall be properly grounded.
- xi. Exhaust of D.G. Set shall not be directed in to the exit/entrance of any adjoining structure.
- xii. Sand bed of 6 inches thickness shall be provided below D.G. Set.
- xiii. Electrical cable of D.G. Set shall be FRLS type.
- xiv. Adequate quantity of diesel shall be stored in its original container near D.G. Set, away from electrical switches of source of ignition.
- xv. Automatic built in circuit breaker shall be provided to the D.G. Set.
- xvi. Rubber pad shall be provided to the D.G. Set for absorbed vibrations if any.
- xvii. The D.G. Set area shall be kept prohibited and no unauthorized shall be allow to enter the area.
- xviii. Structural stability of the building regarding absorption of the vibration of D.G. Set shall be checked by Structural Engg. Before installation of the D.G. Set.
- xix. Two foam type fire extinguisher of 9 ltrs. Capacity each with BIS certification mark.

**10. LIFTS:**

**A. PASSENGER LIFTS:**

- i. Walls enclosing lift shaft shall have a fire resistance of not less than 02 hours.
- ii. Shafts shall have permanent vent of not less than 0.2 sq. mtrs in clear area immediately under the machine room.
- iii. Landing doors and lift car doors of the lifts shall be of steel shuttered with fire resistance of 01 hour.
- iv. No collapsible shutter shall be permitted.
- v. 01 of the lift shall be converted into Fire lift for each Wing & shall be as per specifications laid down under the regulations, a toggle switch shall be provided to this lift for the use of Firemen.
- vi. Threshold of non-combustible material shall be provided at the entrance of each landing door.

**B. FIRE LIFTS:**

- i. Walls enclosing lift shafts shall have 02 hours fire resistance.
- ii. The shafts shall have permanent vent equal 0.2 sq. mtr. clear area under the Lift Machine room.
- iii. Landing doors & lift car doors shall be of steel shuttered type with 01 hour fire resistance. No collapsible shutters shall be provided.
- iv. To enable fire services personnel to reach the upper floor with the minimum delay, one fire lift shall be provided & shall be available for the exclusive use of the firemen in an emergency & the directly accessible to every dwelling of each floor.
- v. The lift shall have a floor area of not less than 1.4 sq. mtrs. with a minimum dimension of 01.12 mtrs. It shall have loading capacity of not less than 545 Kg. (08 Persons lift) with automatic closing doors.
- vi. There shall be an alternate electric supply of an adequate capacity apart from the normal electric supply the building & the cables run in a route safe from fire, i.e. within the lift shaft. In case of failure normal electric supply, it shall automatically trip over to alternate supply.
- vii. The operation of fire lift should be by a simple toggle or two button switch situated in glass-fronted box adjacent to the lift at the entrance level. When the switch is on, landing call points will become inoperative and the lift will be on car control only or on priority control device. When the switch is off, the lift will return to normal working. This lift can be used by the occupants in normal times.
- viii. The words '**FIRE LIFT**' shall be conspicuously displayed in florescent paint on the lift landing door at each floor level & Threshold of non-combustible material shall be provided at the entrance of each landing door.
- ix. Except Service Lifts, other lifts shall be converted into Fire Lifts conforming to relevant regulations.
- x. The lift lobbies in the basement shall be enclosed & shall be pressurized with positive air pressure of 05 m.m. W.G.

**11. CAR PARKING:**

- i. Car parking shall be permitted in the designated area.
- ii. Drainage of the car parking area of all the levels shall be laid independent from that of the buildings & it shall be provided with catch pit & fire trapped before connecting the building drainage or Municipal drainage.
- iii. Drainage of the car parking areas at all the levels shall be so laid as to prevent any overflow in the staircase, lift shaft etc.
- iv. The parking area shall not be used for dwelling purpose & repairing / maintenance purpose, at any time. Dwelling use of naked light / flame, repairing / maintenance of vehicles shall be strictly prohibited in the parking area.
- v. Repairing / Servicing of cars, use of naked light shall not be permitted in the car parking areas.
- vi. The drive way shall be properly marked & maintained unobstructed.
- vii. The Automatic Sprinkler System provided to the entire car parking area.



**12. STACKED CAR PARKING:**

- i. Structural Design: The SA-FAMCP shall be constructed of structural steel construction.
- ii. Vertical deck separation For SA-FAMCP having multi-car parking level, vertical separation between the upper & lower decks by using the non-perforated & non-combustible materials. (Structural steel plate) shall be provided. This is to minimize direct impingement of flame to the car in the upper deck and also to prevent dripping of any possible leaking fuel to the lower deck.
- iii. Elements of the staked car parking structure shall have 01 hour fire resistance.
- iv. Each car parking deck shall have 01 hour fire resistance.
- v. Parking area shall be accessible by trained staff when carrying out the maintenance work.
- vi. The parking system is to be ceased during the maintenance operation.
- vii. Stack car parking shall be protected with Double Line Sprinkler system.

**13. CORRIDOR / LIFT LOBBY:**

- i. Corridor & lift lobby at each floor level shall be naturally ventilated.
- ii. The common corridor & lift lobby at each floor level shall be kept free from obstructions at all times.
- iii. Proper signage's for way to staircase, escape routes, staircase, floor nos. etc. shall be provided at each floor of building.
- iv. Portable lights / insta-lights shall be provided at strategic locations in the staircase and lift lobby.

**14. STAIRCASE AND CORRIDOR LIGHTINGS:**

- i. The staircase & corridor lighting shall be on separate circuits & shall be independently connected so that they could be operated by one switch installation on the ground floor easily accessible to fire-fighting staff at any time irrespective of the position of the individual control of the light points, if any.
- ii. Staircase & corridor lighting shall also be connected to alternate supply.
- iii. Double throw switches should be installed to ensure that lighting in the staircase & the corridor do not get connected to two sources of supply simultaneously. A double throw switch shall be installed in the service room to terminate the stand-by-supply.
- iv. Emergency lights shall be provided in the staircases / corridors.

**15. COMMERCIAL UNIT AREA:**

- i. Necessary Trade Permission / License shall be obtained from competent authority.
- ii. The Automatic Smoke Detection System shall be provided in the Guesthouse premises of the building.
- iii. 02 nos. of Dry Chemical Powder fire extinguishers A.B.C. type of 09 kgs. capacity each shall be kept at Commercial Unit premises for every 100.00 sq. mtrs.

**16. ENTRANCE, KITCHEN DOORS & EXIT / ENTRANCE STAIRCASE:**

- i. All Entrance as well as Kitchen doors if any shall be of solid core having fire resistance of not less than 01 hour (solid wood of 45 mm thickness.)
- ii. The fire resistance rating for staircase F.R.D., Lift lobby / protected lobby & the lift doors as per N.B.C. provisions.

**17. FALSE CEILING (If Provided):**

False ceiling if provided in the building shall be of non-combustible material, similarly, the suspenders of the false ceiling shall be of non-combustible materials.

**18. MATERIALS FOR INTERIOR DECORATION / FURNISHING:**

The use of materials which are combustible in nature & may spread toxic fume / gases should not be used for interior decoration / furnishing, etc.

**19. GLASS GLAZING (If Provided):**

- i. An opening to the glass glazing of min. width 1.5 m & height 1.5 m shall be provided at proposed floor at level of 1.2 m from the flooring facing compulsory open space as well as on road side.
- ii. The open able glass panel shall be either left or right hinged to facilitate approach of the rescue cage / ladder. Similarly, this portion shall have manual opening mechanism from inside as well as outside. Such openable panels shall be marked conspicuously so as to easily identify the openable panel from outside.
- iii. Distance between external wall & glass glazing shall not be more than 300 mm.
- iv. The smoke seals / barriers between building & glazing shall be provided in form of non-combustible material / vermiculate cement.
- v. Glass glazing blocking the area if staircase, lift lobby, corridor shall be kept openable. Pressurized system of the staircase / lobby shall be synchronized with opening mechanism.
- vi. The glass use for the glazing shall be toughened (tempered) safety glass as per I.S. 2553, Part I or laminated safety glass as per I.S. 2553-Part I, satisfying stability criteria.
- vii. Automatic dry type water curtain shall be provided at floor level from inside of glass glazing.
- viii. Openable vent of 600 mm height to be installed below ceiling level or false ceiling level. The openable vent of min. 2.5% of the floor area shall be provided. It shall be of min. 600 mm depth below ceiling / false ceiling or full length on the periphery of the glass glazing whichever is less. Openable mechanical devices for the said vent shall be located at 1.2 m height from the flooring level. The openable vent can be pop out type or bottom hinged provided with fusing link opening mechanism and shall also be integrated with automatic smoke detection system.

Or

- ix. Alternate vertical glass panels of the glazing shall be openable type with the mechanism mentioned above in order to ventilate the smoke.

**20. AIR CONDITIONING SYSTEM (If Provided):**

- i. The A.C. System shall be chilled water type in case of common A.C. plant. There shall be no objection to provide A.C. by means of package units of split units, if necessary.
- ii. Escape route such as staircase, corridors, passage lift lobbies etc. shall be used as return air passages.
- iii. A.C. ducting shall be constructed of substantial metal gauge as specified under IS: 665: 1963 for Metal Air Ducts (Revised).
- iv. Whenever the A.C. ducting passes through the walls, the opening from the duct shall be sealed with fire resting / non-combustible material such as vermiculite concrete.
- v. A.H.U. shall be independent for each floor / occupancy / zone. In any case, one A.H.U. shall not be required to serve more than one floor / occupancy / zone.
- vi. The insulating material, if provide to A.C. ducting either from inside or outside, shall be of non-combustible material such as glass wool covered with aluminum foil, spun glass with neoprene facing or any other similar material.
- vii. The material used for false ceiling & its runners and suspenders shall be of non-combustible type.

**21. SWIMMING POOL:**

- i. Swimming pool shall be fenced properly from all sides & entry shall be restricted, so as to avoid any accident as shown on the plans.
- ii. Swimming pool shall be constructed of inert & enduring materials, designed to withstand all loads for both pool empty & pool full conditions conforming to the requirements as laid down in I.S.I code for this purpose.
- iii. There shall be no obstruction extending from the wall or the floor extending into the clear area of the diving portion of the pool. There shall be completely unobstructed clear distance of 4 mtrs. above the diving board.
- iv. Wall & floor area shall be of inert & impervious material & shall be reasonably enduring. Finish shall be moderately smooth & of a white or light color.
- v. If diving is permitted, it shall have adequate area & depth of water for safe diving & the minimum depth & area characteristics as per relevant standards.
- vi. Depth of water shall be plainly marked at or above the water surface on the vertical pool wall & on the edge of the deck or walk-way next to the pool, at maximum points & at the points of break between the deep & shallow portions & at intermediate increments of depth, spaced at not more than 2.5" (7.62 cm) intervals. Depth markers, contrasting with background shall be on both sides of the pool.
- vii. Swimming pool shall have adequate arrangement for providing safety measures like float, lifeline, & ladder, trained rescue personal, rescue equipment against drowning.
- viii. A slide handrail extending up above & returning to the horizontal surface of the pool deck curb or coping shall be provided at each side of each ladder.
- ix. Swimming pool shall have adequate arrangement for first aid which includes mechanical resuscitator for initiating artificial respiration trained staff for providing emergency aid & such equipment's & medicines.
- x. At least one trained life guard shall be available at the swimming pool during working hours & life guard chair shall be provided at the swimming pool from where he can view / watch the entire pool area.
- xi. The finish texture of flooring surface adjacent to the pool shall be not slippery
- xii. A continuous overflow gutter shall be installed all around the swimming pool.
- xiii. Disposal of water from the overflow gutters may be either to waste water drain or may enter into circulation system to filter & return to the pool.
- xiv. Swimming pool shall have re-circulation & filtration equipment provided for water purification.
- xv. Necessary permission for Swimming Pool & Fitness Center shall be obtained from concerned Department & M.C.G.M's Department.

## **22. GUEST HOUSE;**

- i. Entrances, exits, internal passage, staircase & open space around the premises shall be kept unobstructed.
- ii. Entire electric installation shall be laid in metal conduit continuously bonded to earth.
- iii. **"NO SMOKING"** board shall be displayed in the Guesthouse area premises.
- iv. Flooring of the premises shall be kept free from oil deposits & spillages.
- v. No preparation shall be permitted near the entrance.
- vi. No leaking or damaged cylinder shall be kept on the premises.
- vii. No empty cylinders shall be kept on the premises.
- viii. Exhaust ducting shall be provided on the above the burners to drive away the heat and smoke.
- ix. Cooking, heating & use of naked flame shall be strictly prohibited in guest rooms.
- x. Luminous exit signs shall be provided on the premises showing the direction of escape.
- xi. Smoke Detectors shall be installed in all rooms used for lodging & panel board shall be installed at reception area where attendant shall be posted round the clock.

- xii. **“Organization Chart”** for **“Evacuation Procedure Plan”** shall be displayed on every floor level corridor.
- xiii. Combustible lining or any material which evolves toxic gas when heated or burning shall not be permitted in common corridor, escape routes.
- xiv. Carpet, if provided, shall be treated with fire retardant of rating half an hour.
- xv. All the occupiers shall always be made well acquainted with the exits, escape routes before allocation of guest room.
- xvi. Authenticity & area of the structure & use of the structure shall be confirmed by competent Municipal authority, before issuing necessary permission.

## **23. FIRE FIGHTING REQUIREMENTS;**

### **A. UNDER GROUND WATER STORAGE TANKS, (COMMON FOR Wing A, B, C, D & SEPARATE FOR WING -E);**

An underground water storage tank of 3,00,000 liters capacity common for Wing A, B, C & D, & separate 75,000 liters capacity for Wing -E shall be provided for Wet riser & sprinkler system at the location marked in the plan, as per the design specified in the rules with baffle wall and fire brigade collecting breaching.

### **B. OVERHEAD TERRACE WATER STORAGE TANKS, (For Each Wing);**

An tanks of 30,000 liters capacity shall be provided over each staircase shaft at the terrace level, the layout of which shall be got approved from H. E.'s departments prior to erection. The tank shall be connected to wet risers through a booster pump through a non-return valve gate valve.

### **C. WET RISER, (For Each Wing);**

Wet riser of internal dia of 15 cms. of G.I. ‘C’ Class pipe shall be provided with double hydrant outlet & hose reel at each floor as shown on the plan. Pressure reducing discs or orifices shall be provided at lower level, so as not to exceed the pressure of 5.5 kgs. per sq. cms. The wet risers shall be extended from ground to terrace level. Wet riser outlet and hose reel at a distance of 100 ft. shall be provided on periphery of all podium level.

### **D. FIRE SERVICE INLET;**

- i. A fire service inlet on the external face of the building near the tank directly fronting the courtyards shall be provide to connect the mobile pump of the fire service independently to a) the wet riser, b) sprinkler system.
- ii. Breeching connection inlet shall be provided to refill U.G. tank,
- iii. Operating switches of fire pumps shall be also provided in glass fronted boxes at ground floor & Fire control rooms.

### **E. AUTOMATIC SPRINKLER SYSTEM, (For each Wing);**

The Automatic sprinkler system shall be provided in each habitable room of each flat on each floor of each residential Wings & in each unit / room on each floor of Wing -E, lift lobby & common corridor at each floor level of each Wing, car parking areas on ground & both the basements (so as to cover each parking) as per the standards laid down by T.A.C. or relevant I.S. specifications.

### **F. AUTOMATIC SMOKE DETECTION SYSTEM, (For each Wing);**

The Lift machine rooms, Electric meter rooms, Society office, Fitness centers, Admin room, & each guest house room as well as lift lobby & common corridor at each floor level of Wing -E

shall be protected with Automatic smoke detection system with main console panel at ground floor level.

**G. FIRE PUMP, SPRINKLER PUMP JOCKEY PUMP, (COMMON FOR Wings A, B, C, D & E) & BOOSTER PUMP (Separate for Wing A, B, C, D, & E);**

- i. Wet riser shall be connected to a fire pump at ground level of 2,400 liters / min capacity giving a pressure of not less than 3.2 kgs / sq.cms. at the topmost hydrant along with jockey pump of a suitable size.
- ii. Operating switches for pumps shall be also provided in glass fronted boxes in lift lobbies at each floor.
- iii. Booster pump capacity of 900 litres / min. having a pressure of not less than 3.2 kgs. / sq. cms. at the topmost hydrant outlet of the wet riser-cum-down comer shall be provided at the terrace level.
- iv. A jockey pump of suitable capacity shall be provided for automatic sprinkler system.
- v. Electric supply (normal) to these pumps shall be on independent circuit.
- vi. Four hose boxes, each with two hoses of length 50 feet standard size & branch shall be equally distributed near wet riser landing valve in ground floor area.
- vii. ON / OFF switch panel of all pumps shall be installed on ground floor level.
- viii. All above pump should be surface mounted or vertical turbine type pump (Submersible type pump not permitted) with adequate size of pump room for pump panel.
- ix. Wet riser should be extended up to main gate / entrance with Fire Brigade inlet.

**H. EXTERNAL / COURTYARD HYDRANTS:**

External / Courtyard hydrants shall be provided at distance of 30.00 mtrs each at each Basement levels as well as Ground floor within the confines of the site of the wet riser-cum-down comer at the location marked on the plan.

**I. ALTERNATE SOURCE OF POWER SUPPLY (Common for Wing A, B, C, D, & E);**

An alternate source of L.V./ H.C. supply from a separate sub-station as well as D.G. Set with appropriate change over switch shall be provided for fire pumps, sprinkler pump, booster pump, staircase and corridor lighting circuits, fire lifts, manual fire alarm system & P.A. system. It shall be housed in a separate cabin.

**J. PORTABLE FIRE EXTINGUISHERS;**

- i. Two Dry Chemical Power (A.B.C.) type fire extinguishers of 09 Kgs. capacity having B. I.S. certification mark & two buckets filled with dry, clean sand shall be kept in each Electric Meter panel as well as in each Lift Machine Room.
- ii. One dry chemical powder (class ABC) type fire extinguishers each of 09 Kgs. capacity each & with BIS mark & two buckets of dry, clean sand shall be kept on each floor level of Wing -E.

**K. FIRE ALARAM SYSTEM, (For each Wing);**

The building shall be provided with manual fire alarm system with main control panel at ground floor level and pill-boxes and hooters at each upper floor level. The layout of fire alarm system shall be in accordance with I.S. specification.

**L. PUBLIC ADDRESS SYSTEM, (For each Wing);**

The entire building shall be provided with the public address system in common areas as per the with main control operator at console panel at ground floor reception area.

**M. SIGNAGES, (For each Wing);**

Self-glowing / fluorescent exit signs in green color shall be provided showing the means of escape for entire building.

**N. FIRE DRILLS / EVACUATION DRILLS;**

Fire Drills & Evacuation drills shall be conducted regularly in consultation with Mumbai Fire Brigade & log of the same shall be maintained.

**O. TRAINED SECURITY STAFF;**

- i. The trained security / fire supervisor along with trained staff having basic knowledge of fire-fighting & fix fire-fighting installation shall be provided / posted in the building.
- ii. Maintenance of all the first aid fire-fighting equipment's, fixed installations & other firefighting equipment / appliance in good working condition at all times.
- iii. Imparting training to the occupants of the building in the use of firefighting equipment provided on the premises & kept them informed about the fire & other emergency evacuation procedures.
- iv. To liaise with the City Fire Brigade on regular & continual basis.

**P. Panel Board Of Firefighting System;**

Fire alarm system, public address system, alternate supply, etc. panels shall be installed on ground floor at the location shown in the plans & which shall be manned 24 hrs.

**Q. REFUGE AREA, (For Wing A, B, C & D);**

- I. Refuge area provided on 6<sup>th</sup> & 13<sup>th</sup> floors levels shall be conforming to the following requirements;

**a. Manner of refuge area;**

- i. The refuge area shall be so located that it shall preferably face the access road of the building.
- ii. The refuge area shall be provided with railing / parapet of 1.20 mt.
- iii. The refuge area shall have a door which 'shall be painted or fixed with a sign in luminous paint mentioning "REFUGE AREA"
- iv. The lift/s shall not be permitted to open into the refuge areas.
- v. The refuge area provided within building line shall be accessible from common passage/ staircase.

**b. Use of refuge area;**

- i. The refuge area shall be earmarked exclusively for the use of occupants as temporary shelter & for the use of Fire Brigade Department or any other organization dealing with fire or other emergencies when occur in the building & also for exercises / drills if conducted by the Fire Brigade Department.
- ii. The refuge areas shall not be allowed to be used for any other purpose & it shall be the responsibility of the owner / occupier to maintain the same clean & free of encumbrances & encroachments at all times.

**c. Facilities to be provided at refuge area;**

Adequate emergency lighting facility shall be provided.

**d. Terrace floor as a refuge floor, (For A, B, C, D & E Wings);**

- i. The necessary facilities such as emergency lighting, drinking water etc. shall be provided.

- ii. The access door/s from the enclosed staircase/s to the terrace floor shall have louvers at top half portion of the door. The entrance doors to the terrace shall be painted or fixed with sign painted in luminous paint mentioning "**REFUGE AREA**".

**e. Excess refuge area beyond 4.25 % shall be counted in FSI.**

The Party has paid Online Scrutiny fees of Rs. 21,43,450/- vide CFC Receipt No. CHE/BP/31239/19, for the File No. P-2373/2019/(395 And Other)/M/E dated 20/09/2019 on the gross built-up area 40,442.42 sq. mtrs.as certified by the Licensed Surveyor.

However, E.E.B.P. (E.S.) is requested to verify the gross built-up area & inform this office if it is found to be more, for the purpose of levying additional scrutiny fee if any.

**Note;**

- 1) The Fire-fighting shall be carried out by approved Licensed Agency.
- 2) There shall not be any trees obstructing fire appliances reach in compulsory open spaces, required as per D.C.R.
- 3) E.E.B.P. (E.S.) requested to scrutinized the plans as per Amended D.C.P.R. 2034 & verify Civil work & all other requirements pertaining to Civil Engineering side including open spaces, corridors, staircase, amendments, height, & floor occupancy of the building.
- 4) The area calculation shown in the enclosed plan shall be checked by the E.E.B.P. (E.S.).
- 5) E.E.B.P. (E.S.) shall verify the proposal in context with Hon. M.C.'s Circulars issued u/r. no. Ch.E./32545/DP-Gen dated 24/02/2015 & u/r. no. Ch.E./34194/DP/Gen dated 10/03/2015 & verify the compliance as per the above said circulars. If the same is not complied with, this proposal shall be referred back to this department for issuing fresh recommendation letter.
- 6) Necessary permission for any licensable activity shall be obtained from concerned Department & M.C.G.M.'s / C.F.O.'s Department till then shall not be allowed to use.
- 7) Necessary permission for the Commercial activity in Low Rise Guesthouse Wing –E shall be obtained from concerned Department & M.C.G.M's Department.
- 8) The area size to consult with MEP Consultant for the sprinkler system, Detection system, Fire alarm system, Wet riser system, Public address system, Electrical duct, etc. to be verified & examine.
- 9) If any matter in this case, violates D.C.P.R.-2034 then this proposal shall be referred back to this Department for issuing fresh recommendation letter.
- 10) No any addition / alteration shall be done in the structure of the flats / building without the previous consent of all the concerned / occupier as per the provision of Section 7 of MOFA.
- 11) The plans approved along with this recommendation letter are approved from Fire Risk / Fire Safety point of view only. Approval of these plans does not mean in any way of allowing construction of the building. It is Architect / Licensed Surveyor / Developer's responsibility to take necessary prior approval from all concerned competent authorities for the proposed construction of the building.
- 12) This is issued only from Fire Protection & Fire-Fighting requirements point of view & issued on the request letter from Architect / Licensed Surveyor. Any authorized or legal matter shall be cleared by Owner / Occupier / Developer / Architect / Licensed Surveyor etc.
- 13) The width of abuts road, open spaces mentioned in plans as submitted by the Architect attached herewith. These parameters shall be verified by E.E.B.P. (E.S.) before granting



any permission (I.O.D. / C.C. / further C.C.) If found any contradiction, the proposal shall be referred back to this Department.

- 14) The Area Calculation submitted by the Architect / Licensed Surveyor in the plans shall be verified by E.E.B.P. (E.S.) & if any change then the proposal shall be referred back to this Department.
- 15) This N.O.C. is issued from fire risk point of view only without prejudice to legal matters pending in court of law if any.
- 16) Necessary permission for Swimming pool, Electric Sub-Station & Fitness centers alongwith Mezzanine floor shall be obtained from concern Department of M.C.C.M. / C.F.O.'s Department.
- 17) The architect has proposed 13.40 mtrs wide D.P. road on west side but at the time of possession the said road shall be existing and it shall be verified by E.E. B.P. (ES) before issuing the occupation certificate.
- 18) E.E.B.P.(E.S.) shall verify in context of DCPR 2034 appendix I reg. 47(7) & open space around the building shall design to bear a load of fire appliances i.e. 10Kg./Cm<sup>2</sup>

**Pandurang  
Ganpatrao  
Dudhal**  
Digitally signed  
by Pandurang  
Ganpatrao  
Dudhal  
Date: 2019.11.11  
14:02:48 +05'30'

Prepared by D.F.O.

**Yeshwant  
Ramchandra  
Jadhav**  
Digitally signed by  
Yeshwant  
Ramchandra Jadhav  
Date: 2019.11.11  
15:12:47 +05'30'

Approved by Dy. C.F.O.



# Maharashtra Pollution Control Board

## 5f56fc05a6b21f06f7f1b45d

### MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781  
/24037124/24035273  
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Email : [jdwater@mpcb.gov.in](mailto:jdwater@mpcb.gov.in)  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor,  
Sion- Matunga Scheme Road No. 8,  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E),  
Mumbai - 400022

Infrastructure /Red/LSI

Date- 17 / 08 /2020

Consent No: Format1.0/BO/JD(WPC)/UAN No. 92238/HOD/CE/ 2008000545

To,  
M/s. Puravankara Limited,  
(Proposed Residential Development with Commercial Component),  
CTS No. 395, 395/1 to 395/10 at 'M/E' Ward, Deonar, Mumbai

Subject: Consent to Establish in Red Category for redevelopment construction project.

Ref : 1. Consent application submitted by Sub-Regional Officer, Mumbai-III

For: Consent to Establish for redevelopment construction project.

Your application vide UAN No.0000092238 Dated: 12.05.2020.

under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & TM) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period up to: Commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 90.00 Crs. (As per undertaking submitted by project proponent).

Consent to Establish is valid for redevelopment construction project named as M/s. Puravankara Limited (Proposed Residential Development with Commercial Component), CTS No. 395, 395/1 to 395/10 at 'M/E' Ward, Deonar, Mumbai having total plot area 8476.50 SqM, and total Construction BUA 40671.49 SqM including utilities and services as per EC dtd 31.03.2020 as per construction commencement Certificate issued by local body.

#### 3. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	NIL	NA	NA
2	Domestic effluent	161	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

#### 4. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	625 KVA	01	As per Schedule-II

M/s. Puravankara Limited,

SRO Mumbai-III

UAN No 92238

Page 1 of 6





# Maharashtra Pollution Control Board

## 5f56fc05a6b21f06f7f1b45d

### 5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet garbage	245 Kg/Day	—OWC	Used as Manure
2	Dry garbage	367 Kg/Day	—	Segregate and Hand over to Local Body for recycling
3	STP Sludge	20 Kg/Day	—	Used as Manure

### 6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type of Waste	Category	Quantity	UOM	Disposal
1	Waste/Spent Oil	5.1	50	Lit/A	To Authorized Reprocessor

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
- Project Proponent shall install online monitoring systems for pH, TSS and flow at the outlet of STP.
- Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.
- Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
- The Project Proponent shall comply with the Environmental Clearance obtained vide No SIA/MH/MIS/117641/2019 dtd 31.03.2020 for proposed redevelopment construction project having total plot area 8476.50 SqM. and total Construction BUA 40671.49 SqM.

For and on behalf of the  
Maharashtra Pollution Control Board

(Dr. Y. B. Sontakke)  
Joint Director,  
Water Pollution Control

### Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction No.	Date
1	125000	TXN2006000810	16.06.2020

### Copy to:

- Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai-III- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updating purposes.





**Schedule-I**

**Terms & conditions for compliance of Water Pollution Control:**

1) A] As per your application, you have proposed to install Sewage Treatment Plant (STP) with design capacity of 175 CMD based on MBBR Technology.

B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board Limiting Concentration
1	pH	6.5 to 9.0
2	BOD (3 days 27oC )	10mg/l
3	Suspended Solids	20mg/l
4	COD	50mg/l
5	Total Nitrogen	10 mg/l
6	Ammonical Nitrogen	5 mg/l
7	Fecal Coliform	100 MPN/100ml

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, etc and remaining shall be used on land for gardening

D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1	Domestic purpose	186

4) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.*	Type Of Fuel	Quantity	UOM	S%	SO <sub>2</sub> Kg/day
1	DG Set 625KVA	Acoustic enclosure	5.5	HSD	125	Ltr/Hr	2%	2.5

\* Above roof of the building in which it is installed.

2. The applicant should operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
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3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).





# Maharashtra Pollution Control Board

## 5f56fc05a6b21f06f7f1b45d

### Schedule-III Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish	Rs. 10 Lakhs	15 Days	Towards Compliance of Environmental Clearance & Consent conditions.	Upto Commissioning of the project	COU or Five years

The above Bank Guarantees shall be submitted in favour of Regional Officer, Mumbai and shall be submitted to Regional Office, Mumbai.

Maharashtra Pollution Control Board





Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - g) D.G. Set shall be operated only in case of power failure.
  - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The treated sewage shall be disinfected using suitable disinfection method.
- 9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 10) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



FORM XI  
[SEE RULE 233(C)]

CERTIFICATE OF MEDICAL EXAMINATION

1. Certificate Serial No. 7721HSE/17H/4452

Date 5-10-23

2. Name Ram Prayesh Ram

Identification marks:

3. Father's Name Sukhraj Ram

4. Sex male

5. Residence Thakur - 522120

Son/daughter of Thakur Sukhraj Ram

6. Date of birth, if available 2-2-73 and / or certificate age 50

7. Physical Fitness Good

I hereby certify that I have personally examined (name) Ram  
son/daughter/wife of Sukhraj residing at Thakur who is  
Desirous of being employed in building and construction work and that his/her  
Age as nearly as can be ascertained from my examination is 50 year and  
that he/she is fit for employment in ashram site as an adult/adolescent.

8. Reason for—

(1) Refusal of certificate

(2) Certificate being revoked

Vy  
DR. VINAY W. DHAWALE  
D.A.M.S.  
Reg. No 24491A-1

[Signature]  
Signature/Left hand Thumb  
Impression of building workers

Signature with Seal Medical  
Inspector/ C.M.O.

- Notes: 1. Exact details of cause of physical disability should be clearly stated.  
2. functional/productive abilities should also be stated if disability is stated.

FORM XI  
[SEE RULE 233(C)]  
**CERTIFICATE OF MEDICAL EXAMINATION**

1. Certificate Serial No. TIP4ASE/MAH/453

Date 13-10-23

2. Name Ashok Kumar

Identification marks:

3. Father's Name Ram Bahadur

4. Sex male

5. Residence Uttar Pradesh - 229202

Son/daughter of Ram Bahadur

6. Date of birth, if available 1-1-98 and / or certificate age 25

7. Physical Fitness Good

I hereby certify that I have personally examined (name) Ashok  
son/daughter/wife of Ram Bahadur residing at Uttar Pradesh who is  
Desirous of being employed in building and construction work and that his/her  
Age as nearly as can be ascertained from my examination is ..... year and  
that he/she is fit for employment in Construction Site as an adult/adolescent.

8. Reason for—

(1) Refusal of certificate.....

(2) Certificate being revoked.....

312167

Signature/Left hand Thumb  
Impression of building workers

Dr. V. HAWALE  
B.A.M.S.  
REG. NO. 491A-1

Signature with Seal Medical  
Inspector/ C.M.O.

Note: 1. Exact details of cause of physical disability should be clearly stated.  
2. functional/productive abilities should also be stated if disability is stated.



FORM XI  
[SEE RULE 233(C)]  
**CERTIFICATE OF MEDICAL EXAMINATION**

1. Certificate Serial No. TJPL/HSE/RNH/1454 Date 14-10-23

2. Name Mir Suntu

Identification marks:

3. Father's Name Mir Taiyab

4. Sex male

5. Residence West Bengal - 732204

Son/daughter of Mir Taiyab

6. Date of birth, if available 1-4-2002 and / or certificate age 21

7. Physical Fitness Good

I hereby certify that I have personally examined (name) Mir Suntu  
son/daughter/wife of Mir Taiyab residing at West Bengal who is  
Desirous of being employed in building and construction work and that his/her  
Age as nearly as can be ascertained from my examination is ..... year and  
that he/she is fit for employment in Construction Site as an adult/adolescent.

**8. Reason for—**

(1) Refusal of certificate.....

(2) Certificate being revoked.....

Mir Suntu  
Signature/Left hand Thumb  
Impression of building workers

Vmp  
DR. VINAY W. DHAWALE  
B.A.M.S.  
Reg. No. 24491 A-1

Signature with Seal Medical  
Inspector/ C.M.O.

**Note:** 1. Exact details of cause of physical disability should be clearly stated.  
2. functional/productive abilities should also be stated if disability is stated.

FORM XI  
[SEE RULE 233(C)]  
**CERTIFICATE OF MEDICAL EXAMINATION**

1. Certificate Serial No. 72PL/HSE/MHC/455

Date 25-10-23

2. Name Arund Kumer

Identification marks:

3. Father's Name Govardhan

4. Sex male

5. Residence Uttar Pradesh - 229202

Son/daughter of Govardhan

6. Date of birth, if available 10-7-87 and / or certificate age 36

7. Physical Fitness Good

I hereby certify that I have personally examined (name) Arund son/daughter/wife of Govardhan residing at Uttar Pradesh who is Desirous of being employed in building and construction work and that his/her Age as nearly as can be ascertained from my examination is ..... year and that he/she is fit for employment in Construction Site as an adult/adolescent.

**8. Reason for—**

(1) Refusal of certificate.....

(2) Certificate being revoked.....

3114-2 3112

Signature/Left hand Thumb  
Impression of building workers

Vinay W. Dhawale  
DR. VINAY W. DHAWALE  
B.A.M.S.  
Reg. No. 24491 A-1

Signature with Seal Medical  
Inspector/ C.M.O.

Note: 1. Exact details of cause of physical disability should be clearly stated.  
2. functional/productive abilities should also be stated if disability is stated.



FORM XI  
[SEE RULE 233(C)]  
**CERTIFICATE OF MEDICAL EXAMINATION**

1. Certificate Serial No. TIP/HS/1111456

Date 25-10-23

2. Name Amer Bahadar

Identification marks:

3. Father's Name Sitaran

4. Sex male

5. Residence Uttar Pradesh - 229212

Son/daughter of Sitaran

6. Date of birth, if available 6-12-90 and / or certificate age 33

7. Physical Fitness Good

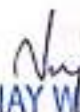
I hereby certify that I have personally examined (name) Amer  
son/daughter/wife of Sitaran residing at Uttar Pradesh who is  
Desirous of being employed in building and construction work and that his/her  
Age as nearly as can be ascertained from my examination is ..... year and  
that he/she is fit for employment in Construction Site as an adult/adolescent.

8. Reason for—

(1) Refusal of certificate.....

(2) Certificate being revoked.....

अप्रतिष्ठित

  
DR. VINAY W. DHAWALE  
B.A.M.S.  
Reg. No. 24491 A-1

Signature/Left hand Thumb  
Impression of building workers

Signature with Seal Medical  
Inspector/ C.M.O.

Note: 1. Exact details of cause of physical disability should be clearly stated.  
2. functional/productive abilities should also be stated if disability is stated.



**MUNICIPAL CORPORATION OF GREATER MUMBAI**  
**(Solid Waste Management Department)**

Office of Executive Engineer,  
SWM SWM Zonal Office 5,

Application Number - P-2373/2019/(395 And Other)/M/E Ward/DEONAR-E/SWM/1/Amend, dated - 17 Oct 2020

Issued remarks Number /005888/2020/M/E/ES Dated 17 Oct 2020.

To (Architect / L.S),  
SHASHIKANT LAXMAN JADHAV  
B-106, NATRAJ BLDG., MULUND (W)

CC (Owner),  
Puravankara Ltd.  
Puravankara Limited  
(formerly Puravankara Projects Limited)  
Level 8, 804/A, B-Wing, The Capital, G Block,  
Bandra Kurla Complex, Mumbai

**Subject :-** Approval to Construction & Demolition Waste Management Plan for the site at CTS/CS Number 395, 395/1 to 395/10 of village DEONAR-E at ward M/East.

**Reference :-** Your application / online submission for C&D Waste Management Plan levelling & filling at designated site dtd. 17 Oct 2020.

With reference to your application/ online submission, the Debris Management Plan submitted by you has been approved as per "Construction and Demolition Waste Rules 2016" and you are allowed to transport Construction & Demolition/ Excavation Material from construction site to the unloading site subject to following terms & conditions.

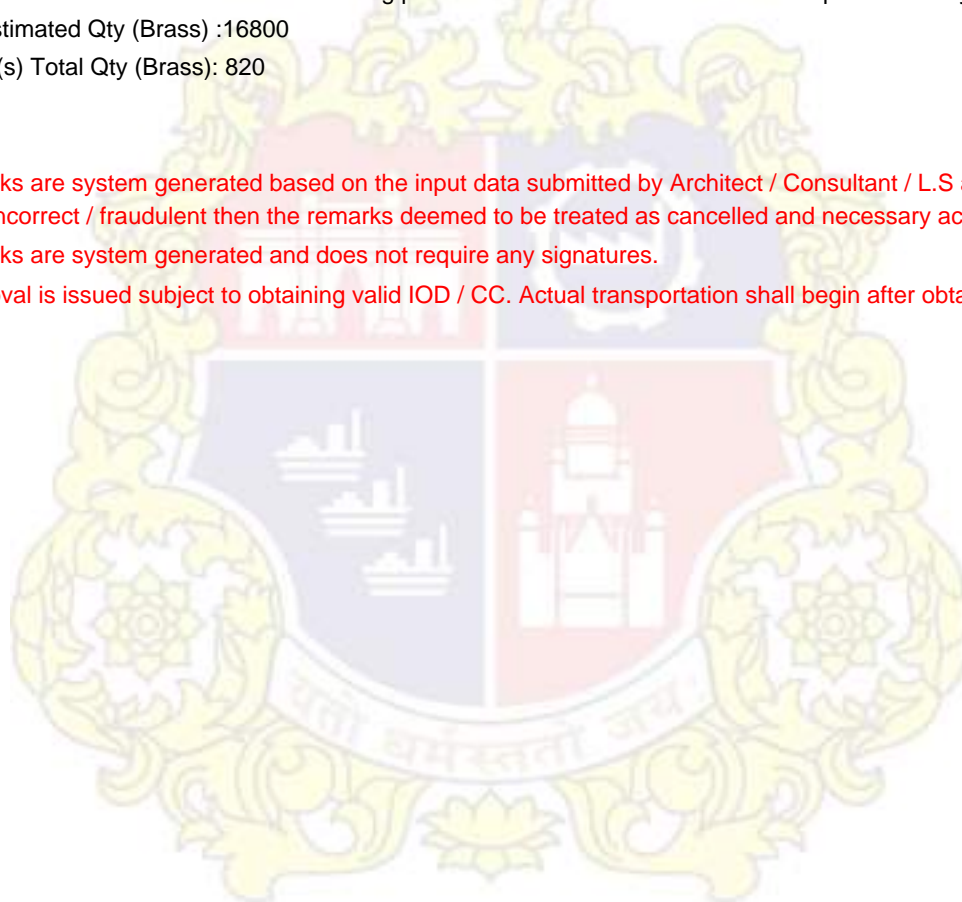
1. This approval is subject to the orders given by Hon. Supreme Court u/no. in SLP (Civil) No. D23708/2017 dated 15.3.2018. You shall follow this order of Hon. Supreme Court and instructions therein.
2. You shall handle & transport **Construction & Demolition Waste / Excavation Material to the extent of 120 Brass only to the designated unloading site Survey No. 89/1 & 89/4, Village Mahape Borivali, Taluka & District – Thane. (Mr. Anil Mishra (9320352983) , Mr. Shabbir (9322340359) Email ID - amenterprises5050@gmail.com) & validity 11 Oct 2021.**
3. You shall transport the C&D waste with proper precautions and employ adequate measures safe guards to dispersal of particles through the air.
4. You have mentioned designated site for transportation of C&D waste for filling and levelling purpose. The C&D waste shall be transported and deposited at the designated site only The Landfill site (unloading site) shall be governed by the Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016.
5. In the event for any reason whatsoever, the consent given by the Designated Site / Agency is revoked or the time limit for the designated site has expired or the capacity of unloading site is exhausted. In such case the builder / developer shall forthwith stop the transportation activities. The builder / developer shall submit revised Construction and Demolition waste management plan along with required valid documents for revalidation of existing C&D waste Management Plant.
6. The construction & Demolition Waste shall be transported through your Transport Contractor. The details of the same shall be uploaded in the system by the applicant at the time of actual transportation.
7. The deployed vehicles shall abide by all the R.T.O. rules and regulations. You shall ensure that the vehicles should be properly covered with tarpaulin or any other suitable material firmly to avoid any escape / fall of waste on road from moving vehicle. The body and wheels shall be cleaned and washed thoroughly to avoid spreading of waste on road.



8. The copy of approved Construction and Demolition Management Plan Shall be accompanied with each and every vehicle under this approval. The developer shall issue the proper Challan for each and every trip of vehicles and that shall be acknowledged by the agency of unloading site. The developer shall maintain record of C&D material transported and shall make it available to MCGM and / or Monitoring Committee whenever required for inspection.
9. The approval is granted presuming that the papers submitted by the applicants / Owners are genuine. For any dispute arising out of documents submitted by applicant, POA / Occupant / Owner shall be held responsible as prescribed under the law prevailing in force.
10. The approval granted hereto does not absolve the other approval required from the other department of M.C.G.M. OR Govt. authorities.
11. In case of disputes, court matters etc. related to the subject site / land / property, this approval cannot be treated as a valid proof.
12. In case of any breach of condition is brought to the notice of MCGM or Monitoring Committee, Show Cause Notice will be issued and decision will be taken within one month as expeditiously as possible, which shall be binding on you / land owner.
13. This approval is not a permission for excavation or permission for dumping but this is the only approval under Construction & Demolition Waste Management Plan for the transportation of Construction & Demolition Waste for unloading at designated unloading site.
14. You / Land owner shall submit valid Bank Guarantee from the bankers approved by the MCGM and the amount applicable as per attached table. The bank guarantee remains valid till grant of Occupation Certificate (OCC).
15. The license architect / license engineer shall upload compliance report in respect of Construction & Demolition Waste Management Plan, any breach will entitle the cancellation of building permission and work will be liable to stop immediately.
16. (A) Project Total Estimated Qty (Brass) :16800  
(B) Obtained NOC(s) Total Qty (Brass): 820

**Note:**

1. The above remarks are system generated based on the input data submitted by Architect / Consultant / L.S and if in future it is found that the data is incorrect / fraudulent then the remarks deemed to be treated as cancelled and necessary action will be initiated.
2. The above remarks are system generated and does not require any signatures.
3. This C & D approval is issued subject to obtaining valid IOD / CC. Actual transportation shall begin after obtaining valid IOD / CC only.



Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.  
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

## TEST REPORT

**ISSUED TO: M/S. PURVANKAR LIMITED**For Your Site : **"Residential & Commercial Project"**

C. T S. No. 395,395/1,395/10 Sion-Trombay Road

Village-Deonar, Mumbai 400088.

**REPORT NO.** : UT/ELS/REPORT/C-374/12-2023**ISSUE DATE** : 20/12/2023**YOUR REF.** : Verbal Confirmation**REF. DATE** : 27/11/2023**SAMPLE PARTICULARS**

**Sampling Plan Ref. No.:** : C-32/11-2023  
**Sampling Procedure** : UT/LQMS/SOP/AA01A  
**Sample Registration Date** : 28/11/2023  
**Date of Sampling** : 27/11/2023 to 28/11/2023  
**Time of Sampling** : 09:30 Hrs. to 09:30 Hrs.  
**Analysis Starting Date** : 28/11/2023  
**Analysis Completion Date** : 30/11/2023  
**Sample Lab Code** : UT/ELS/C-171/11-2023  
**Ambient Air Temperature** : 24.3°C to 30.1°C

**AMBIENT AIR QUALITY MONITORING**

**Location Code** : 01  
**Sample Location** : At Project Site  
Co-ordinates: N19°2'47.40"; E72°54'57.74"  
**Collected By** : ULTRA-TECH  
**Height of Sampler** : 1.0 Meter  
**Sampling Duration** : 24 Hours  
**Relative Humidity** : 53.0 % to 63.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	12	µg/m <sup>3</sup>
2.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 06) : 2006	24	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Method 10-2.1	77	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) : 2019	28	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.3	mg/m <sup>3</sup>

†: Sampling Period 1 Hr.

**Remark/ Statement of Conformity:** The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV. NAAQMS is provided as Annexure-I for your reference. (Turnover to find Annexure)

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Polltech; Model - PEM-RDS 8NL; Sr. No. 3313	Valid up to - 05/10/2024
	Fine Dust Sampler	Make - Polltech; Model - PEM ADS 2.5/10µ; Sr. No. 18213	Valid up to - 06/01/2024

- Note:**
1. Samples were collected by following laboratory's SOP [UT/LQMS/SOP/AA01A] based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
  2. This test report refers only to the sample tested.
  3. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
  4. This test report may not be reproduced in part, without the permission of this laboratory.
  5. Any correction invalidates this test report.
  6. Weather was Sunny & Clear during sampling period.

**- END OF REPORT -**

For ULTRA-TECH,

Meghan Patil

(Authorized Signatory)

## **ANNEXURE-I**

### **NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**

**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), µg/m <sup>3</sup>	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m <sup>3</sup>	08 Hours*	02	02
		01 Hours**	04	04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

**NOTE:** Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further



Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.  
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

**TEST REPORT****ISSUED TO: M/S. PURVANKAR LIMITED**For Your Site : **"Residential & Commercial Project"**

C. T. S. No. 395,395/1,395/10 Sion-Trombay Road

Village-Deonar, Mumbai 400088.

**REPORT NO.** : UT/ELS/REPORT/C-375/12-2023**ISSUE DATE** : 20/12/2023**YOUR REF.** : Verbal Confirmation**REF. DATE** : 27/11/2023**SAMPLE PARTICULARS :****Sampling Plan Ref. No.** : C-32/11-2023**Date of Monitoring** : 27/11/2023**NOISE LEVEL QUALITY MONITORING****Sample Lab Code** : UT/ELS/C-172/11-2023**Survey Done By** : ULTRA-TECH

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	At Project Site	10:00 to 10:05	54.1	22:00 to 22:05	44.2

**Opinions / Interpretations:** The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference.  
(Turnover to find Annexure).


**Note:** 1. Monitoring area coming under Residential Area.  
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make - Casella, Model - CEL-633C; Sr. no. 2382959	Valid up to - 11/12/2023

**Note:** 1. This test report refers only to the monitoring conducted.  
2. This test report may not be reproduced in part, without the permission of this laboratory.  
3. Any correction invalidates this test report.

**- END OF REPORT -**

For ULTRA-TECH,

  
**Meghan Patil**  
(Authorized Signatory)

## **ANNEXURE-II**

### **THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000**

*(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)*

#### **• SCHEDULE**

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

- Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
  2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
  3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
  4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

#### **• CONSTRUCTION ACTIVITIES**

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

#### **• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE**

[The Model Rules Of The Factories Act, 1948]

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
  2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
  2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.



**TEST REPORT****ISSUED TO: M/S. PURVANKAR LIMITED**For Your Site : **"Residential & Commercial Project"**

C. T. S. No. 395,395/1,395/10 Sion-Trombay Road

Village-Deonar, Mumbai 400088.

**REPORT NO.** : UT/ELS/REPORT/C-376/12-2023**ISSUE DATE** : 20/12/2023**YOUR REF.** : Verbal Confirmation**REF. DATE** : 27/11/2023**SAMPLE PARTICULARS**

**Sampling Plan Ref. No.** : C-32/11-2023  
**Sampling Procedure** : UT/LQMS/SOP/S01A  
**Sample Registration Date** : 28/11/2023  
**Date & Time of Sampling** : 27/11/2023 at 17:00Hrs.  
**Analysis Starting Date** : 28/11/2023  
**Analysis Completion Date** : 06/12/2023  
**Sample Collected By** : ULTRA TECH  
**Sample Lab Code** : UT/ELS/C-173/11-2023

**SOIL QUALITY MONITORING**

**Sample Type** : Surface Soil (at 15cm depth)  
**Sample Location** : At Project Site

**Sample Quantity & Packing Details** : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Moisture Content	IS:2720 (Part 2) : 1973	4.7	%
2.	Bulk Density	UT/LQMS/SOP/S03	1187	kg/m <sup>3</sup>
3.	Organic Matter	IS:2720 (Part 22) : 1972	0.9	%
4.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.5	%
5.	pH [1:2.5 Soil:Water Extract]	IS:2720 (Part 26) : 1987	8.1	-
6.	Conductivity[1:2soil:Water Extract]	IS:14767- 2000	0.532	mS/cm
7.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	79	mg/kg
8.	Magnesium as Mg (Water Extractable)	UT/LQMS/SOP/S22	103	mg/kg
9.	Chlorides as Cl (Water Extractable)	UT/LQMS/SOP/S23	126	mg/kg
10.	Sulphate as SO <sub>4</sub> <sup>2-</sup> (Water Extractable)	UT/LQMS/SOP/S24	98	mg/kg
11.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.1	(meq/kg) <sup>1/2</sup>
12.	Cation Exchange Capacity	UT/LQMS/SOP/S18	25.5	meq/100g
13.	Water Holding Capacity	UT/LQMS/SOP/S12	54.8	%
14.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.7	mg/kg
15.	Phosphorous as P <sub>2</sub> O <sub>5</sub> (Available)	UT/LQMS/SOP/S28	80	kg/ha
16.	Potassium as K <sub>2</sub> O (Available)	UT/LQMS/SOP/S29	248	kg/ha
17.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	196	Kg/ha
18.	Iron as Fe	UT/LQMS/SOP/S35&S37	57214	mg/kg
19.	Zinc as Zn	UT/LQMS/SOP/S35&S37	99	mg/kg

**Remark/ Statement of Conformity:**

NIL

**Note:**

1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/S01A) based on Methods Manual: Soil Testing in India by DA&FW, MoA, GOI.
2. This test report refers only to the sample tested.
3. This test report may not be reproduced in part, without the permission of this laboratory.
4. Any correction invalidates this test report.

**- END OF REPORT -**

For ULTRA TECH

*Manasi Namjoshi*  
**Manasi Namjoshi**  
(Authorized Signatory)





## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By

Government of Maharashtra

Date : 23/03/2023

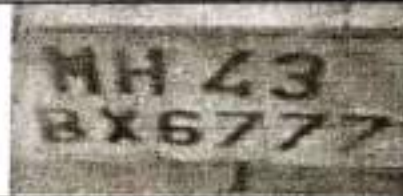
Time : 11:42:10 AM

Validty upto : 22/03/2024



C- No SE No. : MH04600480008085  
 Registration No. : MH43BX6777  
 Date of Registration : 17/Feb/2022  
 Year of Manufacturing : December-2021  
 Vehicle Category : \*\*\*\*\*5643  
 Fuel Type : BHARAT STAGE VI  
 Engine Type : DIESEL  
 Engine No. : MH0460048  
 Price : Rs.150.00  
 (GST to be paid extra as applicable)  
 Invoice No. : No

Vehicle Photo with Registration plate  
 Size: 30 mm



S. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
1	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
2	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
3	Light absorption coefficient	1/metre	0.7	0.2

PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Signature with stamp of PUC operator

Date

# Form 59

[See rules 115 (2)]

## Pollution Under Control Certificate

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 12:20:23 PM  
**Validity upto** : 16/05/2024



Certificate SL. No.	:	MH00401770013637
Registration No.	:	MH01CV0994
Date of Registration	:	26/Sep/2018
Month & Year of Manufacturing	:	August-2018
Valid Mobile Number	:	*****9543
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
UC Code	:	MH0040177
GSTIN	:	
Fees	:	Rs.150.00
	:	(GST to be paid extra as applicable)
MIL observation	:	No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
High Idling emissions				
Smoke Density	Light absorption coefficient	1/metre	1.62	0.48

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : **17/05/2023**  
**Time** : **13:37:26 PM**  
**Validity upto** : **16/05/2024**



Certificate SL. No.	:	MH00401770013844
Registration No.	:	MH01CV0995
Date of Registration	:	26/Sep/2018
Month & Year of Manufacturing	:	July-2018
Valid Mobile Number	:	*****9543
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	MH0040177
GSTIN	:	
Fees	:	RS.150.00
MIL observation	:	(GST to be paid extra as applicable) No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
High idling emissions	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.63

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



## Form 59

(See rules 115(2))

**Pollution Under Control Certificate**
 Authorised By :  
 Government of Maharashtra

<b>Date</b>	:	<b>17/05/2023</b>
<b>Time</b>	:	<b>16:11:53 PM</b>
<b>Validity upto</b>	:	<b>16/05/2024</b>



Certificate Sl. No	:	MH00502530001435
Registration No.	:	MH04JK7935
Date of Registration	:	07/Sep/2018
Month & Year of Manufacturing	:	July-2018
Valid Mobile Number	:	*****9965
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	MH0050253
GSTIN	:	
Fees	:	Rs.150.00
Mtl. observation	:	No
		(GST to be paid extra as applicable)

 Vehicle Photo with Registration plate  
 60 mm x 30 mm


Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	High idling emissions	RPM	2500 $\pm$ 200	
	Lambda	-	1 $\pm$ 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.01

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.paryavahan.gov.in>

Authorised Signature with stamp of PUC operator



## Form 59

**Pollution Under Control Certificate**

[See rules 115 (2)]

Authorised By :

Government of Maharashtra

**Date** : 25/05/2023  
**Time** : 14:55:13 PM  
**Validity upto** : 24/05/2024



Certificate St. No. : MH00401770013973  
 Registration No. : MH04JK7936  
 Date of Registration : 07/Sep/2018  
 Month & Year of Manufacturing : July-2018  
 Valid Mobile Number : \*\*\*\*\*8959  
 Emission Norms : BHARAT STAGE IV  
 Fuel : DIESEL  
 PUC Code : MH0040177  
 GSTIN :  
 Fees : Rs.150.00  
 MIL observation : (GST to be paid extra as applicable)  
 No

**Vehicle Photo with Registration plate**  
 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
High idling emissions	Lambda	-	1 ± 0.03	
	Smoke Density	1/metre	1.62	0.44

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
 60mm x 20 mm

# Form 59

## Pollution Under Control Certificate

[See rules 115 (2)]

Authorised By :

Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 16:21:02 PM  
**Validity upto** : 16/05/2024



Certificate SL. No.	:	MH00502530001437
Registration No.	:	MH04JK7937
Date of Registration	:	07/Sep/2018
Month & Year of Manufacturing	:	July-2018
Valid Mobile Number	:	*****9865
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
UUC Code	:	MH0050253
GSTIN	:	
Fees	:	Rs.150.00
MIL observation	:	(GST to be paid extra as applicable) No

Vehicle Photo with Registration plate  
 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
High Idling emissions	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.02

## Form 59

**Pollution Under Control Certificate**

[See rules 115 (2)]

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 16:17:36 PM  
**Validity upto** : 16/05/2024



Certificate SL No. : MH00502530001436  
Registration No. : MH04JK7939  
Date of Registration : 07/Sep/2018  
Month & Year of Manufacturing : July-2018  
Valid Mobile Number : \*\*\*\*\*2926  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : MH0050253  
GSTIN :  
Fees : Rs.150.00  
NIL observation : (GST to be paid extra as applicable)  
No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
<b>Idling Emissions</b>				
	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
<b>High idling emissions</b>				
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	1.62
				0.01

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

**Pollution Under Control Certificate**

[See rules 115 (2)]

Authorised By :  
Government of Maharashtra

**Date** : 08/06/2023  
**Time** : 17:20:48 PM  
**Validity upto** : 07/06/2024



Certificate SL No. : MH00401770014140  
Registration No. : MH43BX7776  
Date of Registration : 17/Feb/2022  
Month & Year of Manufacturing : December-2021  
Valid Mobile Number : \*\*\*\*\*9969  
Emission Norms : BHARAT STAGE VI  
Fuel : DIESEL  
PUC Code : MH0040177  
GSTIN :  
Fees : Rs.150.00  
NIL observation : (GST to be paid extra as applicable)  
No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions				
	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions				
	RPM	RPM		2500 ± 200
	lambda	-		1 ± 0.03
Smoke Density				
	Light absorption coefficient	L/metre	0.7	0.54

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**Authorised By :  
Government of Maharashtra
**Date** : 17/05/2023  
**Time** : 12:19:42 PM  
**Validity upto** : 16/05/2024


Certificate SL. No.	MH00401770013836
Registration No.	MH01CV0996
Date of Registration	26/Sep/2018
Month & Year of Manufacturing	June-2018
Valid Mobile Number	*****9543
Emission Norms	BHARAT STAGE IV
Fuel	DIESEL
PUC Code	MH0040177
GSTIN	Rs.150.00
Fees	(GST to be paid extra as applicable)
Nil. observation	No

**Vehicle Photo with Registration plate**  
 60 mm x 30 mm


Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	High idling emissions	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	1.62
				0.49

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
 60mm x 20 mm

## Form 59

**Pollution Under Control Certificate**

[See rules 115 (2)]

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 13:21:22 PM  
**Validity upto** : 16/05/2024



Certificate SL No. : MH00401770013843  
Registration No. : MH01CV0997  
Date of Registration : 26/Sep/2018  
Month & Year of Manufacturing : June-2018  
Valid Mobile Number : \*\*\*\*\*9543  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : MH0040177  
GSTIN :  
Fees : Rs.150.00  
MIL observation : (GST to be paid extra as applicable)  
No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
1	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	High idling emissions	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	1.62
				0.41

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 12:21:17 PM  
**Validity upto** : 16/05/2024



Certificate SL. No.	:	MH00401770013638
Registration No.	:	MH01CV0998
Date of Registration	:	26/Sep/2018
Month & Year of Manufacturing	:	June-2018
Valid Mobile Number	:	*****9543
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	MH0040177
GSTIN	:	
Fees	:	Rs.150.00
	:	(GST to be paid extra as applicable)
Mill observation	:	No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/Hc)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
High idling emissions	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	1.62
				0.35

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

# Form 59

[See rules 115 (2)]

## Pollution Under Control Certificate

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 12:25:05 PM  
**Validity upto** : 16/05/2024



Certificate St. No.	:	MH00401770013840
Registration No.	:	MH01CV1005
Date of Registration	:	26/Sep/2018
Month & Year of Manufacturing	:	June-2018
Valid Mobile Number	:	*****9543
Emission Norms	:	BHARAT STAGE IV
Fuel	:	DIESEL
PUC Code	:	MH0040177
GSTIN	:	
Fees	:	Rs.150.00
MIL observation	:	(GST to be paid extra as applicable) No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	High idling emissions	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	1.62
				0.58

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 12:26:29 PM  
**Validity upto** : 16/05/2024



Certificate SL. No. : MH00401770013841  
Registration No. : MH01CV1003  
Date of Registration : 26/Sep/2018  
Month & Year of Manufacturing : July-2018  
Valid Mobile Number : \*\*\*\*\*9543  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
UC Code : MH0040177  
GSTIN :  
Fees : Rs.150.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.5

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 12:17:16 PM  
**Validity upto** : 16/05/2024



Certificate SL. No. : MH00401770013834  
Registration No. : MH01CV1002  
Date of Registration : 26/Sep/2018  
Month & Year of Manufacturing : June-2018  
Valid Mobile Number : \*\*\*\*\*9543  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
G-UC Code : MH0040177  
GSTIN :  
Fees : Rs.150.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.52

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

Date : 18/09/2023  
Time : 13:07:04 PM  
Validity upto : 17/03/2024



Certificate SL. No. : MH00403610000517  
Registration No. : MH04HS1972  
Date of Registration : 27/Feb/2017  
Month & Year of Manufacturing : January-2017  
Valid Mobile Number : \*\*\*\*\*7556  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
● UC Code : MH0040361  
GSTIN :  
Fees : Rs.150.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
● Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.01

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : 12/09/2023  
**Time** : 15:53:49 PM  
**Validity upto** : 11/03/2024



Certificate SL. No. : MH00501570004631  
Registration No. : MH04HS1978  
Date of Registration : 27/Feb/2017  
Month & Year of Manufacturing : January-2017  
Valid Mobile Number : \*\*\*\*\*6776  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : MH0050157  
GSTIN :  
Fees : Rs.150.00  
(GST to be paid extra as applicable)  
MIL observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.45

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



**Pollution Under Control Certificate**

Authorised By :

Government of Maharashtra

Date : 08/06/2023  
 Time : 19:35:10 PM  
 Validity upto : 07/12/2023



Certificate SL. No. : MH04301230004133  
 Registration No. : MH48AG8047  
 Date of Registration : 31/Mar/2017  
 Month & Year of Manufacturing : February-2017  
 Valid Mobile Number : \*\*\*\*\*2022  
 Emission Norms : BHARAT STAGE III  
 Fuel : DIESEL  
 PUC Code : MH0430123  
 GSTIN :  
 Fees : Rs.150.00  
 (GST to be paid extra as applicable)  
 MIL observation : No

Vehicle Photo with Registration plate  
 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.01

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
 60mm x 20 mm

# Form 59

[See rules 115 (2)]

## Pollution Under Control Certificate

Authorised By :  
Government of Maharashtra

**Date** : 17/05/2023  
**Time** : 12:18:38 PM  
**Validity upto** : 16/05/2024



Certificate St. No. : MH00502530001433  
Registration No. : MH04HY9976  
Date of Registration : 22/Jan/2018  
Month & Year of Manufacturing : December-2017  
Valid Mobile Number : \*\*\*\*\*2022  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : MH0050253  
GSTIN :  
Fees :  
Rs.150.00  
(GST to be paid extra as applicable)

Nil observation : No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions	RPM	RPM		
	Lambda			
Smoke Density	Light absorption coefficient			
		1/metre		
			2500 ± 200	
			1 ± 0.03	
			1.62	
				0.02

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle no. and does not require any signature.

Authorised Signature with Stamp and Seal  
60mm x 30mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : 18/09/2023  
**Time** : 13:10:36 PM  
**Validity upto** : 17/09/2024



Certificate SL. No. : MH04301230004892  
Registration No. : MH04HY9978  
Date of Registration : 22/Jan/2018  
Month & Year of Manufacturing : December-2017  
Valid Mobile Number : \*\*\*\*\*6453  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : MH0430123  
GSTIN :  
Fees : Rs.150.00  
NIL observation : (GST to be paid extra as applicable)  
No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
High idling emissions	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	1.62
				0.01

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



# Form 59

[See rules 115 (2)]

## Pollution Under Control Certificate

Authorised By :  
Government of Maharashtra

Date : **16/08/2023**  
Time : **15:13:11 PM**  
Validity upto : **15/02/2024**



Certificate SL. No. : MH04301120020186  
Registration No. : MH46BB2546  
Date of Registration : 28/Apr/2017  
Month & Year of Manufacturing : September-2018  
Valid Mobile Number : \*\*\*\*\*8777  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : MH0430112  
GSTIN :  
Fees : Rs. 150.00  
Mil. observation : (GST to be paid extra as applicable)  
No

Vehicle Photo with Registration plate  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
High idling emissions	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	2.45
				0.38

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : **05/09/2023**  
**Time** : **17:32:08 PM**  
**Validity upto** : **04/03/2024**



Certificate SL No. : MH04301120021415  
Registration No. : MH46BB3431  
Date of Registration : 09/Jun/2017  
Month & Year of Manufacturing : September-2016  
Valid Mobile Number : \*\*\*\*\*9877  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : MH0430112  
GSTIN :  
Fees : Rs.150.00  
NIL observation : (GST to be paid extra as applicable)  
No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	1/metre	2.45
				0.5

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : 05/09/2023  
**Time** : 17:33:21 PM  
**Validity upto** : 04/03/2024



Certificate St., No. : MH04301120021416  
Registration No. : MH46BB3809  
Date of Registration : 03/Jul/2017  
Month & Year of Manufacturing : June-2016  
Valid Mobile Number : \*\*\*\*\*8877  
Emission Norms : BHARAT STAGE III  
Fuel : DIESEL  
PUC Code : MH0430112  
GSTIN :  
Fees : Rs.150.00  
Mil. observation : (GST to be paid extra as applicable)  
No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.53

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parnvahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm

## Form 59

(See rules 115 (2))

**Pollution Under Control Certificate**Authorised By  
Government of Maharashtra

**Date** : 05/05/2023  
**Time** : 15:39:51 PM  
**Validity upto** : 04/11/2023



Certificate No. : MH-04-300130008152  
 Registration No. : MH-04-HD9975  
 Date of Registration : 25/Nov/2016  
 Month & Year of Manufacturing : September-2016  
 Valid Model Number : 2756  
 Emission Norms : BHARAT STAGE III  
 Fuel : DIESEL  
 PUC Code : MH-04-30013  
 GSTIN :  
 Fees : Rs. 150.00 (GST to be paid extra as applicable)  
 Null observation : No

Vehicle Photo with Registration plate  
 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
Smoke Density	Lambda	-	1 ± 0.03	
	Light absorption coefficient	L/metre	2.45	0.17

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.maharashtra.gov.in>

Authorised Signature with stamp of PUC operator  
 60mm x 20 mm

## Form 59

[See rules 115 (2)]

**Pollution Under Control Certificate**

Authorised By :  
Government of Maharashtra

**Date** : **27/10/2022**  
**Time** : **17:37:33 PM**  
**Validity upto** : **26/10/2023**



Certificate SL. No. : MH00500460007818  
Registration No. : MH04JK1881  
Date of Registration : 05/Mar/2018  
Month & Year of Manufacturing : January-2018  
Valid Mobile Number : \*\*\*\*\*2921  
Emission Norms : BHARAT STAGE IV  
Fuel : DIESEL  
PUC Code : MH0050046  
GSTIN :  
Fees : Rs.150.00  
NIL observation : (GST to be paid extra as applicable)  
No

**Vehicle Photo with Registration plate**  
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits (upto 2 decimal places)	Measured Value
1	Carbon Monoxide (CO)	percentage (%)	4	5
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
	Smoke Density	Light absorption coefficient	L/metre	1.62
				0.2

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://vahan.parivahan.gov.in>

Authorised Signature with stamp of PUC operator  
60mm x 20 mm



# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/117641/2019.

Environment Department

Room No. 217, 2<sup>nd</sup> Floor,

Mantralaya, Mumbai- 400032.

Date: 31.03.2020.

To,

**M/s. PURAVANKARA LIMITED**

804/A, B - Wing, Level 8, The Capital, G Block,

Bandra Kurla Complex,

Mumbai Maharashtra 400051

**Subject** Environment Clearance for Residential Development with Commercial Component at plot bearing CTS No. 395, 395/1 to 395/10 at, Deonar, Mumbai, State: Maharashtra

**Reference** : Application no. SIA/MH/MIS/117641/2019.

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC- 2 in its 129<sup>th</sup> meeting under screening category 8 (a) R2 as per EIA Notification, 2006 and recommended to SEIAA. Proposal then considered in 192<sup>nd</sup> meeting of State Level Environment Impact Assessment Authority (SEIAA)

2. Brief Information of the project submitted by you is as below:-

Description	Details	
Plot Area	8,476.50 Sq. mt.	
FSI Area	22,403.90 Sq. mt.	
Non FSI Area	18,267.59 Sq. mt.	
Total Built up Area (FSI & Non FSI)	40,671.49 Sq. mt.	
Building Configuration	Wing A	2 Basement + Ground + Podium + 17 Floors + Fitness Center Floor
	Wing B	2 Basement + Ground + Podium + 17 Floors
	Wing C	2 Basement + Ground + Podium + 17 Floors + Fitness Center Floor
	Wing D	2 Basement + Ground + Podium + 16 Floors
	Wing E (Commercial Component)	2 Basement + Ground + Podium + 7 Floors
Total Population	1483 nos.	
Water Requirement	198 KLD	
Sewage generation	161 KLD	
STP capacity and	STP Capacity: 175 KLD	

Technology	Technology: Moving Bed Bio Reactor (MBBR)
STP location	Upper Basement
RG area required and Provided	<ul style="list-style-type: none"> <li>RG Area Required (20%) 1508.91 Sq. mt.</li> <li>RG area Proposed: 1921.81 Sq. mt (25.4%)</li> </ul>
Energy requirement	<ul style="list-style-type: none"> <li>Connected load: 4929 KW</li> <li>Maximum demand: 1161 KW</li> </ul>
Total Energy Saving	20 %
Energy saving by Solar	5 %
No. of D/G sets and capacity	1 D/G Set of capacity 625 kVA
Solid waste generation	Non-biodegradable waste: 167 Kg/day Biodegradable waste: 245 Kg/day
OWC Capacity	Area provision for solid waste management: 67.00 Sq. mt
Parking	2 - Wheelers: 103 nos. 4 - Wheelers: 427 nos.
EMP Cost	<b>Construction Phase:</b> Set up Cost: 55.11 Lacs <b>Operation Phase:</b> Set up Cost: 104.52 Lacs O & M Cost: 19.92 Lacs/annum
Rain water Harvesting	1 RWH tank of capacity 55 KL
Number of recharge pits and sizes of the pits	NA
Details of UGT tanks -- Number and capacity	Domestic: 121 KL Flushing: 84 KL Firefighting: 460 KL
CER	CER plan as per the MoEF & CC circular dated 01/05/2018 <b>Project Cost:</b> Rs. 90.00 Crores <b>Cost for CER:</b> Rs. 1.80 Crores (2% of project cost)

3. The proposal has been considered by SEIAA in its 192<sup>nd</sup> meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

**Specific Conditions:**

1. PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- II. The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- III. PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

- IV. PP Shall comply with Standard LC conditions mentioned in the Office Memorandum issued by MoEF & CC vide E.No.22-34/2018-LA.01 dt.04.01.2019
- V. SEIAA decided to grant Environment Clearance for - FSI:14599.72 m2, Non-FSI:16088.10 m2 and Total BUA: 30687.82 m2 (Plan Approval no:P-2373/2019/395 and other)ME Ward / Deonar-F/337/1/New dated 09/03/2020

**General Conditions:**

- I. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016
- II. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms
- III. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily implies that Forestry & Wildlife clearance granted to the project which will be considered separately on merit
- IV. PP has to abide by the conditions stipulated by SEAC& SEIAA
- V. The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- VI. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- VII. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- VIII. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- IX. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed at to the approved sites for land filling after recovering recyclable material.
- X. Disposal of muck during construction phase should 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.
- XI. Arrangement shall be made that waste water and storm water do not get mixed.
- XII. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site
- XIII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIV. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

- XV. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XVI. Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- XVII. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- XVIII. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XIX. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- XX. Vehicles hired for bringing 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 and should be operated only during non-peak hours.
- XXI. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XXII. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2002. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- XXIII. Ready mixed concrete must be used in building construction.
- XXIV. Storm water control and its re-use as per CGWB and BIS standards for various applications.
- XXV. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- XXVI. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- XXVII. The installation of the Sewage treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
- XXVIII. Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- XXIX. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.



- XXX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- XXXI. Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- XXXII. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- XXXIII. Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
- XXXIV. Diesel power generating sets proposed as source of backup power for elevators and common area illumination 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. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XXXV. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- XXXVI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- XXXVII. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- XXXVIII. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- XXXIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- XL. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
- XLI. Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal, with copy to this department and MPCB.
- XLII. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given

unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.

- XI.II. Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- XI.IV. Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- XI.V. A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- XI.VI. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- XLVII. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- XLVIII. Separate funds shall be allocated for implementation of environmental protection measures/E MP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- XLIX. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.mtc.in>
  - I. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
  - II. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
  - III. 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, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  - IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- LIV. 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 along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.
8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1<sup>st</sup> Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 90 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Anil Dighekar  
(Member Secretary, SEIAA)

Copy to:

1. Shri. Johnny Joseph, Chairman, SEIAA,
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Mumbai
7. Commissioner, Municipal Corporation of Greater Mumbai.
8. Regional Officer, Maharashtra Pollution Control Board, Mumbai







## **PUBLIC NOTICE**

This is to inform to the general public that, the proposed construction at Residential Development with commercial Component on plot bearing CTS no 395, 395/1 to 395/10, Deonar, Mumbai, Maharashtra, by M/s. Purvankara Limited has been accorded Environmental Clearance from Environment Department, Maharashtra vide letter No. SIA/MH/MIS/117641/2019, dated: 31/03/2020 and copies of clearance letter are available with the Maharashtra Pollution Control Board & may also be seen at the website at <http://parivesh.nic.in>

**Sd/-**

**M/s. Purvankara Limited.**

## जाहीर सूचना

सर्व तमाम जनतेस या सूचनेद्वारे असे कळविण्यात येते की, प्रस्तावित निवासी व व्यावसायिक प्रकल्पात सी.टी.स क्रमांक 395, 395/1 ते 395/10, देवनार, मुंबई, महाराष्ट्र. द्वारा मे. 'पुरवांकारा लिमिटेड' यांना पर्यावरण विभाग, महाराष्ट्र शासनकडून मंजूरी पत्र क्र. एसआयए/एमएच/एमआयएस/117641/2019, दिनांक: 31/03/2020 रोजी देण्यात आली आहे. पर्यावरण मंजूरी पत्रांच्या प्रती 'महाराष्ट्र प्रदूषण नियंत्रण मंडळ' यांच्याकडे उपलब्ध आहेत आणि <http://parivesh.nic.in> या वेबसाईटवर देखील उपलब्ध आहे.

सही/

मे. 'पुरवांकारा लिमिटेड'