Godrej Macbricks Private Limited
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Date: 30/12/2023

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

Subject : **Submission of six-monthly compliance status report as per terms & Conditions stipulated in Environmental clearance letter for the proposed 'Residential & Commercial Development project at plot bearing S. nos. 206/2 & 141/5, Village Kavesar, Thane (West), Thane. Maharashtra.'**

Reference : **Environmental clearance no. SIA/MH/INFRA2/419116/2023, dated: 06/06/2023.**

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 laid down in Environment clearance letter no. **SIA/MH/INFRA2/419116/2023, dated: 06/06/2023** along with the necessary annexure.

This compliance report is submitted for the period from **April 2023 to September 2023.**

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

Thanking You & Yours Sincerely.

For, **Godrej Macbricks Pvt. Ltd.**

Ajinkya Rajendra Admuthe
Digitally signed by Ajinkya Rajendra Admuthe
Date: 2023.12.29 12:35:39 +05'30'

Authorized Signatory

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

Copy to Regional Office, MPCB, Thane.
Department of Environment, Mantralaya, Mumbai.
Regional Office, CPCB, Pune.

INDEX

: PART A :

Current Status of Work

Status of construction		:	Total construction carried out till September 2023 is 13,673 Sq. Meters.
a.	Date of commencement (Actual and/or planned)	:	12/07/2021 (Actual)
b.	Date of completion (Actual and/or planned)	:	March 2026 (Planned)

: PART B :

Compliance status of conditions stipulated in Environment clearance letter for the proposed 'Residential & Commercial development project at plot bearing S. nos. 206/2 & 141/5 at Village Kavesar, Thane (West), Thane. Maharashtra vide EC no. SEIAA-EC-0000002148, dated: 28/02/2020 are as follows;

Sl. No	Stipulated Clearance Conditions	Compliance Status
Specific Conditions:		
i.	Committee noted that, PP has circulated the revised CS, PP to revise the same Online also.	❖ Noted and shall be complied with after receipt of edit option.
ii.	Committee noted that some part of the plot falls in Sanjay Gandhi National Park, PP to obtain the ESZ NOC for the same.	❖ The Eco-Sensitive Zone Boundary of Sanjay Gandhi National Park with regards to our project site is 100 meters. The minimum distance as SGNP Surveyor and RFO report for our project site is 87 mt., (Arial distance) thus only 13-meter distance portion of land is affected by ESZ which is also demarcated in DP Plan. We have not proposed any construction on the land parcel which is affected by ESZ and have provided clear RG. ❖ We have applied for NBWL NOC. ❖ SNGP has provided Surveyor letter dated: 10/04/2018. ❖ Please refer **Annexure - 1 for SNGP Survey Report.**
iii.	PP to provide clear driveway as per CFO NOC.	❖ Provision of driveway is as per the received CFO NOC dated: 20/11/2019. ❖ Please refer **Annexure - 2 for Layout plan Showing clear driveway.**
iv.	PP to upload the SWD remark & Sewer NOC.	❖ Application has been made for storm water drain and sewerage remarks to local planning authority. ❖ Copy of the same shall be uploaded on the respective portal and shall be submitted to SEAC and SEIAA once received.
v.	PP to ensure that, internal storm water drains should be open except where it is crossing rods.	❖ Internal storm water drains shall be kept open. ❖ Please refer **Annexure - 3 Plan showing Internal storm water drain.**
vi.	PP to upload the revised RG calculation. PP to ensure that, proposed RG should be as per DCR.	❖ We have provided RG area in accordance to DCR of Thane Municipal Corporation (TMC) and as per the Development Permission certificate No.

<table>
<tr><th>Sl. No</th><th>Stipulated Clearance Conditions</th><th>Compliance Status</th></tr>
<tr><td></td><td></td><td>TMC/TDD/3330/20 received from TMC. Calculation of RG area is as follows:

<table>
<tr><th colspan="6">RG Area requirement & provision calculation</th></tr>
<tr><th colspan="4">25% of Net Plot Area i.e., 14223.00 sq. mt.</th><th colspan="2">3555.76 Sq. mt.</th></tr>
<tr><th colspan="2" rowspan="2">Area</th><th colspan="2">RG Area Required</th><th colspan="2">RG Area Proposed</th></tr>
<tr><th>Area (Sq. mt.)</th><th>% on required RG</th><th>Area (Sq. mt.)</th><th>% of Proposed RG</th></tr>
<tr><td>1</td><td>Unpaved RG (Mother earth)</td><td>1173.40</td><td>33 %</td><td>2572.31</td><td>72.3</td></tr>
<tr><td>2</td><td>Paved RG(P)</td><td>2382.36</td><td>67 %</td><td>3958.47</td><td>111.3</td></tr>
<tr><td colspan="2">Total (1 + 2)</td><td>3555.76</td><td>100%</td><td>6530.78</td><td>183.6</td></tr>
</table>
❖ Please refer Annexure - 4 for Layout Showing RG area.</td></tr>
<tr><td>vii.</td><td>PP to provide adequate (1:5) electric charging points/ stations in parking area.</td><td>❖ As per suggestion of Hon. SEAC-2, we propose to provide 150 nos of electrical charging points at 2nd and 3rd level podium.
❖ Please refer Annexure - 5 for Plan Indicating charging points.</td></tr>
<tr><td>viii.</td><td>PP to abide by all conditions laid down in CFO NOC, HRC NOC as & when received.</td><td>❖ Chief Fire Officer, Thane Fire Brigade, TMC issued Fire NOC for the project vide NOC no. TMC/CFO/HRS/87/87, dated: 20/11/2019 and amended NOC vide NOC no. TMC/CFO/M/185/185, dated: 30/12/2021.
❖ Please refer Annexure - 6 for CFO copies.
❖ Application has been done to TMC for High Rise clearance on dated: 18/01/2020 further TMC issued High Rise NOC for the project vide letter no. 259, dated: 04/12/2020.
❖ Please refer Annexure – 7 for High Rise NOC.
❖ We ensure that we will abide all the conditions laid down in HRC NOC.</td></tr>
<tr><td>ix.</td><td>The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km</td><td>❖ As per MoEF draft Notification S. O. 4025 (E), dated: 06/11/2019 our project is not affected by the ESZ belt of Thane Creek</td></tr>
</table>

Sl. No	Stipulated Clearance Conditions	Compliance Status
	radius from the said sanctuary boundary. The planning authority to ensure fulfillment of this condition before granting CC.	Flamingo Sanctuary. ❖ NOC from competent authority with reference to Thane Creek Flamingo Sanctuary shall be obtained if applicable.
x.	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.	❖ We hereby commit to provide cost of Rs. 6.00 Cr. i.e., 1.50 % of project cost (Rs. 400.00 Cr.) towards CER activities as per Office Memorandum dated: 01/05/2018 by MoEF & CC relevant to the area and people around the project. ❖ Please refer **Annexure - 8 for CER Plan.** ❖ Also submitted CER commitment letter to the commissioner of Thane Municipal Corporation (TMC). ❖ Please refer **Annexure - 9 Acknowledgement copy of CER Plan.**
xi.	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.	❖ Submitted CER commitment letter to the Commissioner of Thane Municipal Corporation (TMC).
xii.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	❖ Noted.
xiii.	SEIAA decided to grant EC for – FSI: 38083.26 m2, non-FSI: 50739.85 m2 and Total BUA: 88823.11 m2 (Plan Approval no-VP no. S06/0310/18/TMC/TDD/3330/20, Date-10.01.2020)	❖ Noted.
General conditions:		
I.	E waste shall be disposed through Authorized vendor as per E-waste (Management & handling) Rules, 2016.	❖ E-waste will be disposed through Authorized vendor as per E-waste (Management & 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.	❖ Water Noc letter No.54 Dated 27.01.2023 Obtained commissioner of Thane Municipal Corporation (TMC). ❖ Please refer **Annexure - 10 Water NOC**
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 imply that Forestry & Wild life clearance granted to the project	❖ The Eco-Sensitive Zone Boundary of Sanjay Gandhi National Park with regards to our project site is 100 meters. The minimum distance as SGNP Surveyor and RFO report for our project site is 87 mt., (Arial distance) thus only 13-meter distance portion of land is affected by ESZ which is also demarcated in

Sl. No	Stipulated Clearance Conditions	Compliance Status
	which will be considered separately on merit.	DP Plan. We have not proposed any construction on the land parcel which is affected by ESZ and have provided clear RG. ❖ We have applied for NBWL NOC. ❖ SNGP has provided Surveyor letter dated: 10/04/2018. ❖ As per MoEF draft Notification S. O. 4025 (E), dated: 06/11/2019 our project is not affected by the ESZ belt of Thane Creek Flamingo Sanctuary. ❖ NOC from competent authority with reference to Thane Creek Flamingo Sanctuary shall be obtained if applicable. ❖ Please refer **Annexure - 11 for TCFS Index Map.**
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.	❖ Building plan approved by Thane Municipal Corporation (TMC), Thane. ❖ Please refer **Annexure - 12 for Approved Layout Plan.** ❖ Sanction of development permission Certificate issued by TMC vide letter no. TMC/TDD/3330/20, dated: 10/01/2020. ❖ Please refer **Annexure - 13 for Sanction Development permission certificate.** ❖ Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SEIAA-EC-0000002148, dated: 28/02/2020. ❖ Please refer **Annexure - 14** for **Environmental clearance.** ❖ Construction built-up area, height of the building is in accordance with the existing FSI norms of the TMC. ❖ Chief Fire Officer, Thane Fire Brigade, TMC issued Fire NOC for the project vide NOC no. TMC/CFO/HRS/87/87, dated: 20/11/2019 and amended NOC vide NOC no. TMC/CFO/M/185/185, dated: 30/12/2021. ❖ Thane Municipal Corporation issued Zone Certificate for the project vide letter no. 2913, dated: 23/03/2018. ❖ The project site is partly in Residential Zone and partly in Industrial Zone as per Zone

Sl. No	Stipulated Clearance Conditions	Compliance Status
		Remarks. ❖ Please refer **Annexure - 15 for Zone Certificate.** ❖ TMC issued High Rise NOC for the project vide letter no. 259, dated: 04/12/2020. ❖ Thane Municipal Corporation issued Commencement Certificate for the project vide letter no. 3498, dated: 09/02/2022. ❖ Please refer **Annexure - 16 for Commencement Certificate.**
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.	❖ MPCB granted consent to establish for the project vide order no. Format1.0/CAC-CELL/UAN No.0000088205/CE-2006001172, dated: 26/06/2020. ❖ MPCB granted consent to establish for the project vide order no. Format1.0/CC/UAN No.0000177019/CE/2311001246 dated: 16/11/2023. ❖ **Please refer Annexure - 17 for consent to Establish**.
VII.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	❖ All necessary facilities have been provided on site for the construction workers. ❖ 31 nos of Hutment have been provided to 250 nos of residential workers. Also, 100 nos of non-residential worker are working on site. ❖ Site sanitation like safe & adequate Municipal water for drinking and tanker water for domestic purpose, 10 nos of toilets with septic tank, 10 nos of bathroom, first Aid kit and periodical medical checkup facilities have been provided. ❖ Proper housekeeping & regular pest control have been carried out. ❖ Green dustbin has been provided for biodegradable waste and blue dustbin provided for non-biodegradable waste collection. ❖ **Please refer Annexure - 18 for Medical Certificate**.
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	❖ All necessary facilities have been provided on site for the construction workers. ❖ 31 nos of Hutment have been provided to 250 nos of residential workers. Also, 100 nos

Sl. No	Stipulated Clearance Conditions	Compliance Status
	solid wastes generated during the construction phase should be ensured.	of non-residential worker are working on site. ❖ Site sanitation like safe & adequate Municipal water for drinking and tanker water for domestic purpose, 10 nos of toilets with septic tank, 10 nos of bathroom, first Aid kit and periodical medical checkup facilities have been provided. ❖ Proper housekeeping & regular pest control have been carried out. ❖ Green dustbin has been provided for biodegradable waste and blue dustbin provided for non-biodegradable waste collection.
IX.	The solid waste generated should be properly collected & segregated dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	❖ 67,000 CUM of excavated earth will be disposed off to authorized landfill sites with prior permission of TMC. ❖ Segregation of biodegradable (8 kg/day) and non - biodegradable garbage (11 kg/day). ❖ Disposal of segregated garbage to TMC.
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.	❖ 67,000 CUM of excavated earth will be disposed off to authorized landfill sites with prior permission of TMC.
XI.	Arrangement shall be made that waste water and storm water do not get mixed.	❖ Minimizing the incremental runoff from the site with the help of rain water harvesting tank. ❖ Provision of 3 nos of Rain water harvesting tanks of total capacity 60 KL. ❖ Proper management of channelization of storm water from site by using proper internal SWD system and discharge points of adequate capacity. ❖ Use of screens and silt traps to SWD. ❖ Proper maintenance of storm water drainage to avoid choking of drains and flooding on site. ❖ Designing storm water drainage with adequate capacity to cater the total runoff from site. ❖ Provision of STP of capacity 450 KLD. ❖ The treated sewage will be reused for

Sl. No	Stipulated Clearance Conditions	Compliance Status
		flushing and gardening to reduce fresh water demand.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	❖ There was one shed on site which has been demolished, hence top soil 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.	❖ 67,000 CUM of excavated earth will be disposed off to authorized landfill sites with prior permission of TMC.
XIV.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agricultural Dept.	❖ We will provide RG area of 6530.78 Sq. Meter.
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.	❖ Groundwater accumulation was monitored in boreholes during and after completion of drilling activities. Level of the groundwater table was observed at depths between 2 to 13 Meter below ground surface in the boreholes. Seasonal and annual fluctuations in ground water levels can be expected to occur. ❖ Soil quality is being monitored. ❖ Report of chemical analysis of ground water done at the time of geotechnical investigation. ❖ Please refer **Annexure - 19 for Environmental Monitoring Reports.**
XVI.	Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such materials must be secured so that they should not leach in to 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 & norms with necessary approvals of the Maharashtra Pollution Control Board.	❖ No generation of hazardous waste during construction.
XVIII.	The diesel generator sets to be used during construction phase should be of low Sulphur diesel type and should confirm to Environments (Protection) Rules prescribed for air and noise emission standards.	❖ Provision of CPCB approved DG sets.
XIX.	The diesel required for operating DG sets shall be stored in underground tanks and if required,	❖ Provision of CPCB approved DG sets.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	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.	❖ Vehicles with valid PUC certificates is being allowed during construction to enter the project site. ❖ Records of PUC certificates is being maintain at security office. ❖ Please refer **Annexure - 20 for PUC Certificates.**
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.	❖ We will provide RG area of 6530.78 Sq. Meter. ❖ Adequate measures are made to reduce ambient air & noise levels. ❖ Ambient air and Noise levels monitoring is being carried out. ❖ Please refer **Annexure - 19 for Environmental Monitoring Reports.**
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 sites located within the 100 Km of Thermal Power Stations).	❖ We are using Ordinary Portland Cement (OPC) in building construction with Fly Ash by design mix.
XXIII.	Ready mixed concrete must be used in building construction.	❖ We are using Ready Mixed Concreate (RMC) in building construction.
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	❖ Minimizing the incremental runoff from the site with the help of rain water harvesting tank. Provision of 3 nos of Rain water harvesting tanks of total capacity 60 KL. ❖ Proper management of channelization of storm water from site by using proper internal SWD system and discharge points of adequate capacity. ❖ Proper maintenance of storm water drainage to avoid choking of drains and flooding on site. Use of screens and silt traps to SWD. ❖ Designing storm water drainage with adequate capacity to cater the total runoff from site.
XXV.	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices referred.	❖ We are using Ready Mixed Concreate (RMC) in building construction. ❖ Curing water sprayed on concrete structures, free flow of water will not be allowed for

Sl. No	Stipulated Clearance Conditions	Compliance Status
		curing.
XXVI.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	❖ Groundwater accumulation was monitored in boreholes during and after completion of drilling activities. Level of the groundwater table was observed at depths between 2 to 13 Meter below ground surface in the boreholes. Seasonal and annual fluctuations in ground water levels can be expected to occur. ❖ Soil quality is being monitored. ❖ Report of chemical analysis of ground water done at the time of geotechnical investigation. ❖ Please refer **Annexure - 19 for Environmental Monitoring Reports.**
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 affluent, 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 the Odour problem from STP.	❖ Provision of STP of capacity 450 KLD. ❖ The treated sewage will be reused for flushing and gardening to reduce fresh water demand.
XVIII.	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.	❖ No extraction of ground water for construction purpose and in operation phase also we are not planning to withdraw ground water for any purpose in future, hence permission from CGWA is not applicable.
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 system will be provided for buildings for using the treated wastewater for flushing and gardening.
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 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.	❖ Provision of Window Glass with visual light transmission of 45 %.
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material	❖ Thermal insulation will be provided in roofs as per ECBC.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	to fulfill requirement.	
XXIII.	Energy conservation measures like installation of CFLs/TFLs for lighting the area 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 heater system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy as source as a source of energy.	**Provision of following Energy conservation measures;** ❖ Provision of LED lights in common area. ❖ Provision of energy efficient motors for Plumbing system. ❖ Provision of lifts with V3F drive and Regenerative type. ❖ Provision of Solar hot water system. ❖ Provision of Solar PV Modules.
XXIV.	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 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 DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	❖ Provision of CPCB approved DG sets.
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.	❖ We will provide RG area of 6530.78 Sq. Meter. ❖ Provision of CPCB approved DG sets. ❖ Please refer **Annexure – 19 for Environmental Monitoring Reports.**
XXVI.	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.	❖ Provision of traffic control measures to regulate the flow of traffic. ❖ The project proponents have proposed to provide adequate well organized parking arrangement. ❖ Provision of separate entry and exit for traffic movement points. ❖ Provision of adequate traffic signs and signages to notify residents. ❖ Provision of safety mirrors to aid visibility in conflict points.
XXVII.	Opaque wall should meet prescriptive	❖ Noted.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	
XVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	❖ Adequate distance has been provided between the buildings to allow movement of fresh air and passage of natural light, air and ventilation.
XXIX.	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.	❖ Regular supervision of the above measures is being monitored under supervision of Mr. Rajesh Vilas, Safety Officer.
XL.	Under the provision of the Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.	❖ Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SEIAA-EC-0000002148, dated: 28/02/2020.
XLI.	Six monthly monitoring reports should be submitted to the regional office MoEF, Bhopal with copy to the department and MPCB.	❖ Six monthly monitoring reports are being submitted.
XLII.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. 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.	❖ Provision of STP of capacity 450 KLD. ❖ The treated sewage will be reused for flushing and gardening to reduce fresh water demand. ❖ We will provide RG area of 6530.78 Sq. Meter.
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.	❖ 60 sq. m. space will be provided for solid waste management including segregation of waste. ❖ Proper segregation on site to biodegradable and non-biodegradable. ❖ Biodegradable waste (548 kg/day) will be treated in Organic Waste Convertor (OWC). ❖ End product from OWC & sludge from STP will be used as manure for gardening in the premises.

Sl. No	Stipulated Clearance Conditions	Compliance Status
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	❖ Provision of STP of capacity 450 KLD. ❖ The treated sewage will be reused for flushing and gardening to reduce fresh water demand. ❖ Informing and educating occupants for solid waste management. ❖ 60 sq. m. space is provided for solid waste management including segregation of waste. ❖ Proper segregation on site to biodegradable and non-biodegradable. ❖ Biodegradable waste (548 kg/day) will be treated in Organic Waste Convertor (OWC). ❖ Non-Biodegradable (821 kg/day): Handed over to TMC.
XLV.	A separate environment management cell with qualified staff shall be set up for implementation of stipulated environment safeguards.	❖ A separate Environment management cell has been established under supervision of Mr. Rajesh Vilas, Safety Officer. ❖ Environmental quality is being monitored through external MoEF & CC approved laboratory.
XLVI.	A complete set of all documents submitted to Department should be forwarded to Local authority and MPCB.	❖ A complete set of all documents has been submitted to MPCB with consent application.
XLVII.	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	❖ Noted.
XLVIII.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with time-wise break-ups. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purpose and year-wise expenditure should reported to the MPCB & this department.	Separate funds have been allocated for Implementation of Environment Protection Measures; **During construction phase:** ❖ Rs. 8.37 Lakhs have been allocated for the entire construction period. **During operation phase:** ❖ Capital cost: Rs. 194.51 Lakhs & ❖ O & M cost: Rs. 23.57 Lakhs per Annum.
XLIX.	The project management shall advertise at least two local newspapers widely circulated in the region around the project, one of which shall be in 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	❖ Noted.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	http://ec.maharashtra.gov.in	
L.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Submitting six monthly compliance reports to; ❖ RO, MPCB, Thane. ❖ RO, MoEF & CC, Nagpur. ❖ Environmental Department, Mantralaya. ❖ RO, CPCB, Pune.
LI.	A copy of the clearance letter shall be sent by the proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggested/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 TMC.
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_2, NO_x (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.	❖ Status of six-monthly compliance reports of the stipulated EC conditions, including results of monitored data uploaded on company website. Godrej Exquisite Compliances - Godrej Properties
LIII.	The project proponent shall also submit six monthly reports on the status of the 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.	Submitting six monthly compliance reports to; ❖ RO, MPCB, Thane. ❖ RO, MoEF & CC, Nagpur. ❖ Environmental Department, Mantralaya. ❖ RO, CPCB, Pune.
LIV.	The environmental statement of each financial year ending with 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	❖ Environmental Statement (Form-V) for the FY 2022-2023 has been uploaded on MPCB Web portal.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	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.	❖ 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 department or for that matter, for any other administrative reason.	❖ Noted.
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF & CC Notification dated 29th April, 2015.	❖ 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,	❖ Noted.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	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, 1stFloor, 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		:	Proposed Residential & Commercial development Project at Village Kavesar, Thane.
3.	Clearance letter (s) / OM No. and Date		:	Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SEIAA-EC-0000002148, dated: 28/02/2020.
4.	Location			
	a.	District (S)	:	Thane.
	b.	State (S)	:	Maharashtra.
	c.	Latitude/ Longitude	:	Latitude : **$19^0$15'08.06" N** Longitude : **$72^0$58'20.91" E**
5.	Address for correspondence		:	
	a.	Address of Concerned Project Chief Engineer. (With pin code & Telephone / telex / fax numbers)	:	**Mr. Bhushan Chavan (Project Engineer)**

<table>
<tr><td></td><td>b.</td><td>Address of Executive Project: Engineer/Manager
(With pin code/ Fax numbers)</td><td>:</td><td>Mr. Anil Gayakhe (Project Manager)</td></tr>
<tr><td>6.</td><td colspan="4">Salient features</td></tr>
<tr><td></td><td>a.</td><td>of the project.</td><td>:</td><td>
<table>
<tr><th>Buildings</th><th>No. of floors</th></tr>
<tr><td colspan="2">One Building with 3 Towers and total Flats: 555 Nos.</td></tr>
<tr><td>Tower 1</td><td>Ground/Podium + 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1 to 33 Floors.</td></tr>
<tr><td>Tower 2</td><td>Ground / 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1 to 33 Floors.</td></tr>
<tr><td>Tower 3</td><td>Ground / 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1 to 33 Floors.</td></tr>
<tr><td>Club House</td><td>Ground + 1 Floor</td></tr>
</table>
</td></tr>
<tr><td></td><td>b.</td><td>of the environmental management plans</td><td>:</td><td>Separate funds have been allocated for Implementation of Environment Protection Measures;
During construction phase:
❖ Rs. 8.37 Lakhs have been allocated for the entire construction period.
During operation phase:
❖ Capital cost: Rs. 194.51 Lakhs &
❖ O & M cost: Rs. 23.57 Lakhs per Annum.</td></tr>
<tr><td>7.</td><td colspan="4">Breakup of the project area</td></tr>
<tr><td></td><td>a.</td><td>submergence area forest & non-forest</td><td>:</td><td>Not Applicable.</td></tr>
<tr><td></td><td>b.</td><td>Others</td><td>:</td><td>❖ FSI area: 38,083.26 Sq. m.
❖ Non-FSI area: 50,739.85 Sq. m.
❖ Total BUA area: 88,823.11 Sq. m.</td></tr>
<tr><td>8.</td><td colspan="2">Breakup of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless laborers/artisan</td><td>:</td><td>Not Applicable.</td></tr>
<tr><td></td><td>a.</td><td>SC, ST/Adivasis</td><td>:</td><td>Not Applicable.</td></tr>
</table>

	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 year of price reference.	:	**Rs. 400 Cr.**
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	--
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Separate funds have been allocated for Implementation of Environment Protection Measures; **During construction phase:** ❖ Rs. 8.37 Lakhs have been allocated for the entire construction period. **During operation phase:** ❖ Capital cost: Rs. 194.51 Lakhs & ❖ O & M cost: Rs. 23.57 Lakhs per Annum.
	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	--
	e.	Actual expenditure incurred on the project so far	:	Rs. 45 Cr.
	f.	Actual expenditure incurred on the Environmental Management plans so far.	:	Rs. 1.5 Cr.
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.		:	--

12.	Status of construction		:	Total construction carried out till September 2023 is 13,673 Sq. Meters.
	a.	Date of commencement (Actual and/or planned)	:	12/07/2021 (Actual)
	b.	Date of completion (Actual and/of planned)	:	March 2026 (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.)		:	--

Enclosure No. 1

मुख्य वनसंरक्षक व संचालक, संजय गांधी राष्ट्रीय उद्यान, बोरीवली (पूर्व), मुंबई-६६ यांचे कार्यालय

Tel.No.०२२ २८८६०३६२ E mail sgnpmumbai@gmail.com

विषय: Our Application for obtaining Survey, Distance & Wildlife Clearence of Project from Boundery of Sanjay Gandhi National Park & Tungareshwar wild life Santuary for Our Project on Plot Bearing S. No. 206/2 & 141/5 at Villag Kaveser Tal. Thane Maharashtra by M/s. Fordham Counsultancy Pvt. Ltd.

जा क्र.: ब/कक्ष-११/सर्वे/ ९०९ सन २०१७-१८

बोरीवली, दिनांक १०/ ४ /२०१८

प्रति,

मुख्य वनसंरक्षक व संचालक
संजय गांधी राष्ट्रीय उद्यान,
बोरीवली.

मार्फत:- सहाय्यक वनसंरक्षक (संरक्षण/१) संजय गांधी राष्ट्रीय उद्यान,बोरीवली.
संदर्भ:- कार्यालयीन पत्र क्रं. कक्ष-२/जमीन/४०६३/ दि २८/०३/२०१८

उपरोक्त संदर्भान्वये आम्ही वनक्षेत्र सर्व्हेक्षक, सर्वेक्षक, M/s. Fordham Counsultancy Pvt. Ltd.) यांचे प्रतिनिधी श्री. मिलिंद शेलार हे समवेत दि.०१/०४/२०१८ रोजी मौजे- कावेसर येथे जाऊन सदर कपनीचे प्रतिनिधी यांनी त्यांचे विकसीत करावयाचे मौजे-कावेसर सर्वे नं. २०६/२, व १४१/५ च्या क्षेत्राच्या हद्दी प्रत्यक्षात स्थळावर दाखविल्यानुसार त्यांची घेतलेली जी.पी एस. रिडींग पुढील प्रमाणे आहे.

1) N 19° 15' 10.19", E 72°. 58' 21.08" +4 2) N 19°.15' 9.87". E 72°. 58' 21.68" +4 3) N 19°.15' 5.82", E 72°. 58' 23.45" +3

4) N 19°.15' 5.45", E 72°. 58' 25.62" +3 5) N 19°.15' 4.30", E 72°. 58' 25.60" +5 6) N 19°.15' 4.53", E 72°. 58' 27.30" +3

7) N 19°.15' 7.01", E 72°. 58' 27.55" +4 8) N 19°.15' 8.38". E 72°. 58' 25 79" +4 9) N 19°.15' 9.00", E 72°. 58' 24.00" +5

10) N 19°.15' 10.86". E 72° 58' 23 48" +4 11) N 19°.15' 11.92", E 72°. 58' 21.57" +3 12) N 19°.15' 9.84". E 72°. 58' 22.30"+5

सदर रिडींग व नकाशे नुसार संजय गांधी राष्ट्रीय उद्यान बोरीवलीच्या हद्दीपासुन विकसीत करावयाच्या क्षेत्राच्या हद्दीमधील कमीत कमी अंतर सुमारे ८७ मीटर असुन सदर क्षेत्र हे संजय गांधी राष्ट्रीय उद्यान बोरीवलीच्या इको सेन्सिटिव्ह झोन मध्ये येत आहे. तसेच सदरचे क्षेत्र तुंगारेश्वर हद्दीपासून बाहेर ५.३० कि.मी. अंतरावर आहे.

या कार्यालयात उपलब्ध असलेल्या गांव नमुना नंबर ७ मध्ये तपासणीकेली असता सदर क्षेत्राची नोंद आढळुन येत नाही. तसेच स. नं. १४० ला लगत वन विभागामार्फत खाजगी वने ३५/३ ची (WT ५४०/६ ३१९५७) लागू असल्याचे कार्यालयात उपलब्ध असलेल्या अभिलेखावरुन दिसून येत आहे.

जिल्हाधिकारी मुंबई उपनगर जिल्हा यांचे कडील पत्र क्र. सी/कार्या/२ /मिठागर/पशी/८१६/०६/ दि.९/१/२००८ अन्वये मुख्य वनसंरक्षक (मधावन) महाराष्ट्र राज्य नागपुर यांना पाठविलेल्या ' वनसदृश्य ' यादी मध्ये समावेश होत नाही.

सदरचे क्षेत्र नकाशावर दर्शवुन नकाशासह अहवाल पुढील जरुरी कार्यवाहीसाठी सादर.

सहपत्र:- मुळ प्रकरण

वनसर्वेक्षक
संजय गांधी राष्ट्रीय उद्यान,
बोरीवली

वनक्षेत्रसर्वेक्षक
संजय गांधी राष्ट्रीय उद्यान,
बोरीवली

D/survey file/Reading

ENCLOSURE NO. 2

LAYOUT SHOWING WIDTH OF DRIVEWAYS

दुरध्वनी क्र.:२५३३१२११
२५३३१५९०

ठाणे महानगरपालिका

महानगरपालिका भवन, सरसेनानी अरुणकुमार वैद्य मार्ग,
पांचपाखाडी, ठाणे (प) -४०० ६०२.

संदर्भ : ठामपा/का.अ/आय.एन.डी.पी./SWD NOC/ ०६ दिनांक : ०८/१२/२०२०

स्टॉर्म वॉटर ड्रेन लेआऊटला 'ना हरकत प्रमाणपत्र'

प्रति,
मे.साकार आर्किटेक्टस्
२ रा मजला, नक्षत्र, विंग -ए,
ठामपा कार्यालया जवळ, अल्मेडा रोड,
पाचपाखाडी, ठाणे -४०० ६०२.

THE THANE MUNICIPAL CORPORATION OF THE CITY OF THANE

विषय:-विकास प्रस्ताव क्र.S०६/०३१०/१८ अंतर्गत स.क्र.२०६/२, १४१/५, मौजे कावेसर, ठाणे वरील या भूखंडावरील इमारतीकरीता स्टॉर्म वॉटर ड्रेन लेआऊटला मान्यता देणेबाबत.

संदर्भ :-१)आपला दि.२१.१०.२०२० रोजीचा अर्ज.
२)तांत्रिक सल्लागार M/s.Enviro-Con. यांचा SWD Layout चा अहवाल.

विषयांकित स्टॉर्म वॉटर ड्रेन लेआऊटला खालील अटी व शर्तींस अधीन राहुन मान्यता देण्यात येत आहे.

१. भुखंडातील स्टॉर्म वॉटर ड्रेनचे प्रत्यक्ष काम सोबतच्या स्टॉर्म वॉटर ड्रेन मंजुर लेआऊट नुसारच करण्यात यावे.
२. या कामास येणारा खर्च आपणांस / आपले अशिलास स्वत: करावा लागणार असुन सदर खर्च भविष्यात महानगरपालिका देय राहणार नाही.
३. सदर गटार बांधण्यासाठी स्वत:चा भुखंडाचा वापर करावा व आपल्या भुखंडातुन सदर गटार काढुन महानगरपालिकेच्या मुख्य गटारास जोडण्यात यावे, अन्यथा इतर भुखंडधारकांनी हरकत घेतल्यास सर्वस्वी जबाबदारी आपली राहील.
४. भविष्यात इतर भुखंडातुन पावसाळी पाण्याचा निचरा करण्याचे दृष्टिकोनातुन गटार बांधावयाचे झाल्यास सदर भुखंडातुन गटार बांधणेकरीता आपणास / आपले अशिलास तसेच सदनिकाधारकास कोणतीही हरकत घेता येणार नाही.
५. स्टॉर्म वॉटर ड्रेनचे काम भुखंडावरील इमारतीच्या वापरपरवान्यापुर्वी करुन पावसाळी पाण्याचा निचरा होणेकरीता स्टॉर्म वॉटर ड्रेनचे आऊटलेट ठा.म.पा. रोडसाईड गटारास / कल्व्हर्टला जोडण्यात यावे.
६. स्टॉर्म वॉटर ड्रेनचे व नाल्याचे काम पुर्ण झाल्यावर इमारतीच्या वापर परवान्यापुर्वी स्टॉर्म वॉटर ड्रेनचा पुर्णत्वाचा दाखला या विभागाकडुन घेणे बंधनकारक राहील.
७. नोड १४ ते नोड १५ व नोड ४ ते नोड ५ येथे सर्व्हिस रोड Crossing करुन बांधवयाच्या Cross Culvert करीता, रस्ता खोदणे करीता सार्वजनिक बांधकाम विभाग, (रस्ते विभाग) ठा.म.पा.ठाणे यांची परवानगी घेणे बंधनकारक राहील.

सोबत :- मंजूर स्टॉर्म वॉटर ड्रेन लेआऊट नकाशाची प्रत.

Shinde 7/12

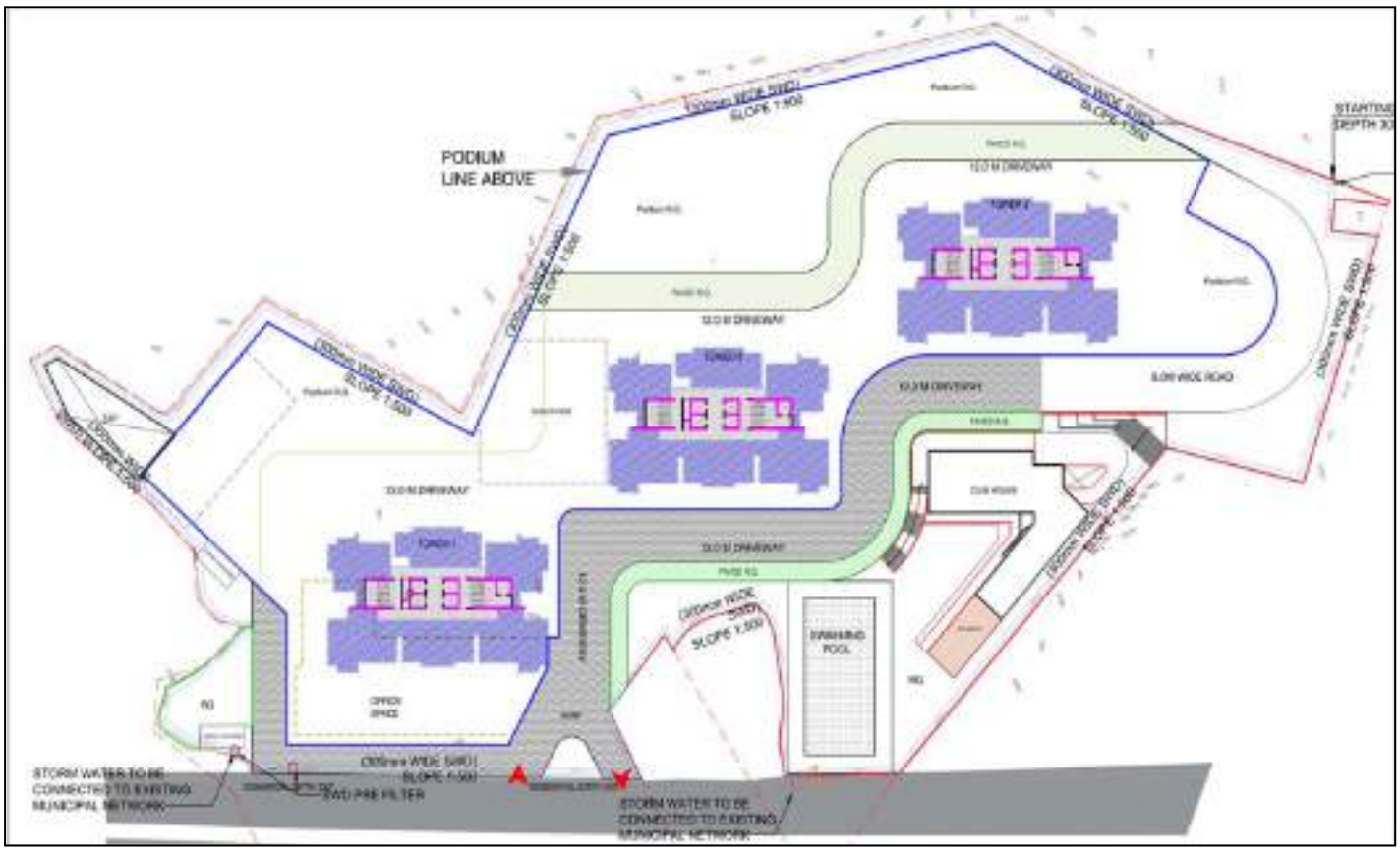
(दत्तात्रय शिंदे)
कार्यकारी अभियंता,
आय.एन.डी.पी.
ठाणे महानगरपालिका, ठाणे.

टिप :- मुळ प्रस्तावावर मा.नगर अभियंता यांची मंजुरी आहे.

प्रत :- कार्यकारी अभियंता, सेक्टर क्र.०६, शहर विकास विभाग, ठा.म.पा.,ठाणे.

ENCLOSURE NO. 4

INTERNAL STORM WATER DRAINS LAYOUT

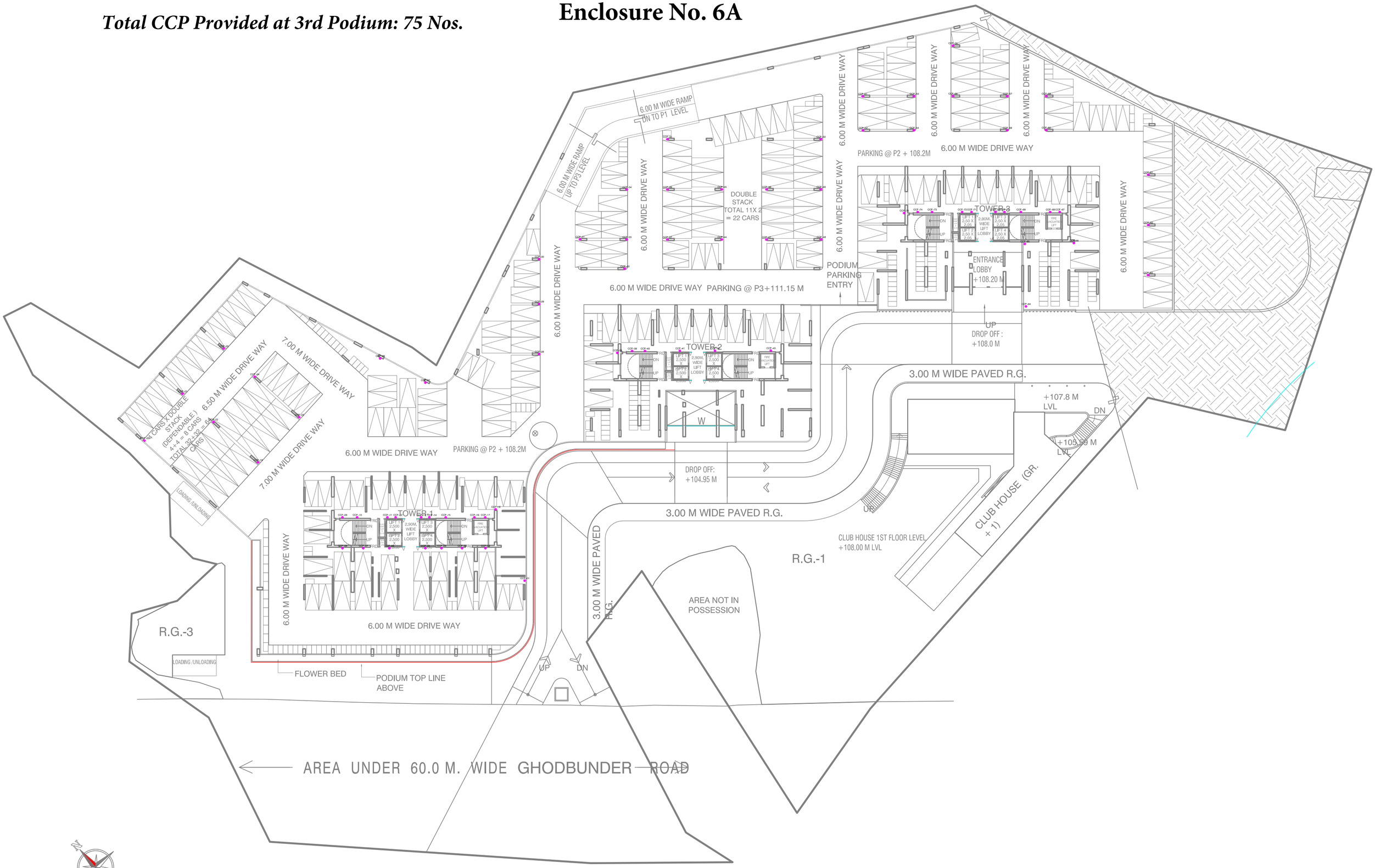


Enclosure No. 5

LAYOUT PLAN SHOWING RG AREA

Total CCP Provided at 3rd Podium: 75 Nos.

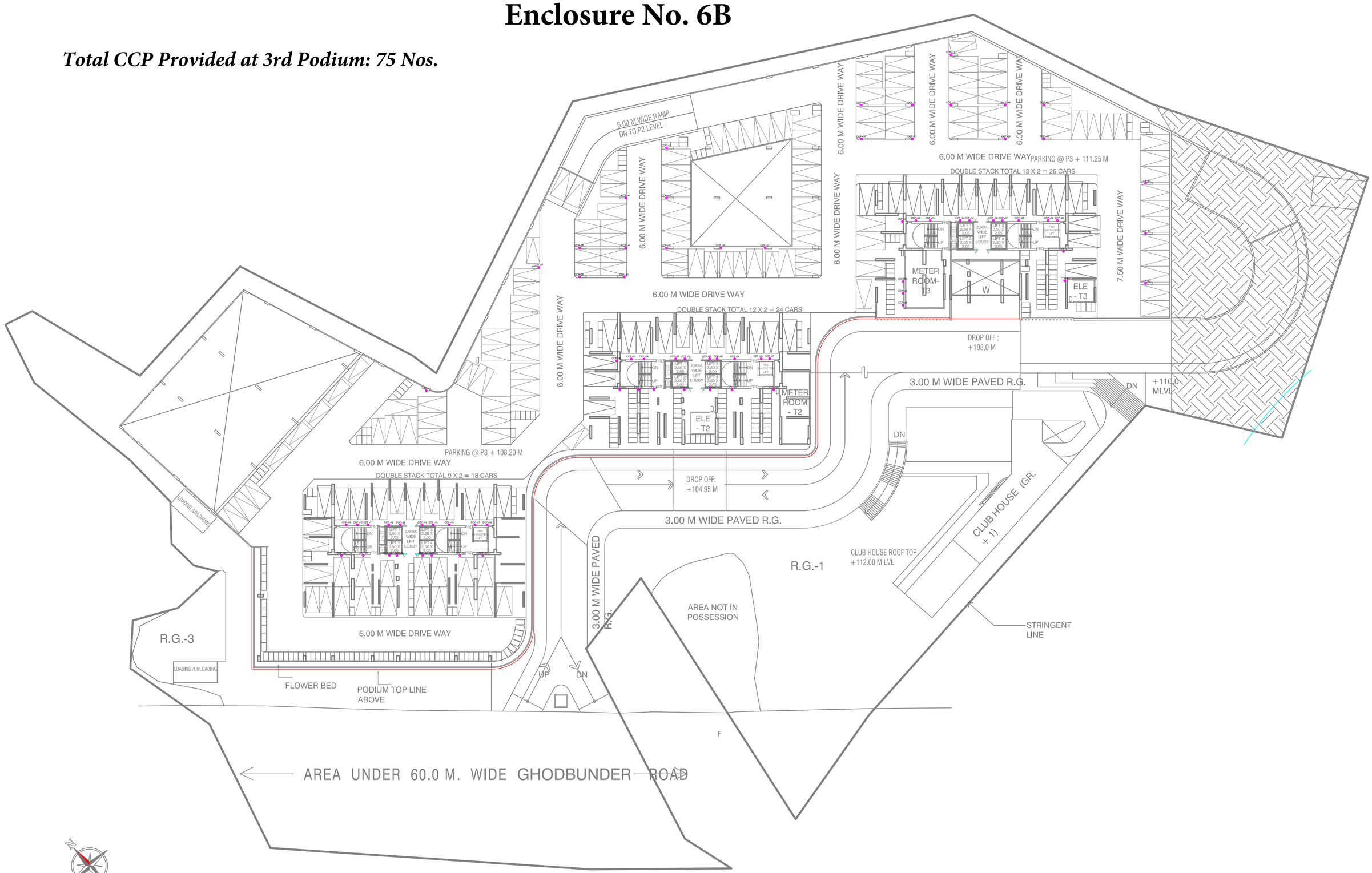
Enclosure No. 6A



2ND PODIUM FLOOR PLAN

Enclosure No. 6B

Total CCP Provided at 3rd Podium: 75 Nos.



3RD PODIUM FLOOR PLAN

THANE MUNICIPAL CORPORATION
FIRE BRIGADE THANE

No. TMC/Fb/mh/87/87
Date : 20/11/2019

SUB :- NOC stipulating fire protection & fire fighting requirements of propose Development of high rise Residential **Tower No. 1, 2 & 3** on Plot bearing S. No. 206/2 & 141/5 village Kavesar, Tal & Dist. Thane

REF: i) Layout V.P. No. S06/0310/18
ii) Letter from M/s. Joshi Deshaware & Associates dated 05/10/2019
iii) Date of Inspection by STO Mr. M. U. Mulla on dated 05/10/2019

A.D.T.P. (THANE)

This is the proposal to develop on plot bearing S. No. 206/2 & 141/5 village Kavesar, Tal & Dist. Thane for Residential **Tower No. 1, 2 & 3** having Ground/Podium + Upper 3 level podiums + Stilt + 1st to 17th floor + Fire Check Floor + 18th to 33rd floor with total height of 126.70 Mt. from general ground level up to terrace level.

THE FLOOR-WISE USER OF TOWER NO 1, 2 & 3

Building	Floors	Users
Tower 1	Ground/podium	07 nos. shops, mechanical parking, meter room
	1st podium	08 nos. shops, Amenity , mechanical parking
	2nd & 3rd Podium	Parking
	Stilt & 1st floors	03 nos. Residential flats on each floor level
	2nd , 4th to 6th, 8th to 11th, 13th to 16th, 18th to 21st, 23rd to 26th, 28th to 31st floor	06 nos. Residential flats on each floor level
	3rd, 7th, 12th, 17th, 22nd, 27th & 32nd floor	05 nos. Residential flats & Refuge area on each floor level
	33rd floor	Fitness center, 02 nos. indoor games rooms, Barbeque sit out area, Yoga/meditation area, Open to sky swimming pool
	Between 17th & 18th Floor	Fire Check Floor with break pressure tank of 30,000 Ltr Capacity & Domestic tank & Flushing tank.
	Between 32nd & 33rd floor	Service floor
Tower 2	Ground/podium	Domestic & Fire tanks, meter room
	1st & 2nd podium	Parking
	3rd Podium	Parking
	Stilt & 1st floors	03 nos. Residential flats on each floor level

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	2nd , 4th to 6th, 8th to 11th, 13th to 16th, 18th to 21st, 23rd to 26th, 28th to 31st floor	06 nos. Residential flats on each floor level
	3rd, 7th, 12th, 17th, 22nd, 27th & 32nd floor	05 nos. Residential flats & Refuge area on each floor level
	33rd floor	Fitness center, 02 nos. indoor games rooms, Barbeque sit out area, Yoga/meditation area, Open to sky swimming pool
	Between 17th & 18th Floor	Fire Check Floor with break pressure tank of 30,000 Ltr Capacity & Domestic tank & Flushing tank.
	Between 32nd & 33rd floor	Service floor

Tower 3	Ground/Podium & 1st podium	Earth filling
	2nd podium	Parking, meter room
	3rd podium	Parking
	Stilt & 1st floors	03 nos. Residential flats on each floor level
	2nd , 4th to 6th, 8th to 11th, 13th to 16th, 18th to 21st, 23rd to 26th, 28th to 31st floor	06 nos. Residential flats on each floor level
	3rd, 7th, 12th, 17th, 22nd, 27th & 32nd floor	05 nos. Residential flats & Refuge area on each floor level
	33rd floor	Fitness center, 02 nos. indoor games rooms, Barbeque sit out area, Yoga/meditation area, Open to sky swimming pool
	Between 17th & 18th Floor	Fire Check Floor with break pressure tank of 30,000 Ltr Capacity & Domestic tank & Flushing tank.
	Between 32nd & 33rd floor	Service floor

THE DETAILS OF STAIRCASES & LIFTS :-

Building No.	Staircase description	Width of staircase	Nos. of staircase
Tower 1	Leading from 1st Podium to terrace level	2.00 m. wide	02 Nos.
	Leading from Ground to 1st podium	1.50 m. wide	02 Nos.
Tower 2	Leading from 1st Podium to terrace level	2.00 m. wide	02 Nos.
Tower 3	Leading from 2nd Podium to terrace level	2.00 m. wide	02 Nos.

Building No.	Lifts Type	Profile	Nos. of lifts
Tower 1	Passenger lift	Leading from 1st Podium to 33rd floor	03 Nos.
	Passenger lift	Leading from Ground to 1st podium	04 Nos.
	Fire Evacuation lift	Leading from 1st Podium to 33rd floor	01 No.
	Fire lift	Leading from 1st Podium to 33rd floor	01 Nos.
Tower 2	Passenger lift	Leading from 1st Podium to 33rd floor	03 Nos.
	Fire Evacuation lift	Leading from 1st Podium to 33rd floor	01 No.
	Fire lift	Leading from 1st Podium to 33rd floor	01 Nos.
Tower 3	Passenger lift	Leading from 2nd Podium to 33rd floor	03 Nos.
	Fire Evacuation lift	Leading from 2nd Podium to 33rd floor	01 No.
	Fire lift	Leading from 2nd Podium to 33rd floor	01 Nos.

The proposed staircases having flight width of 2.00 m. as shown in plans are enclosed type and are externally located & adequately ventilated to outside air above ground level. One of the lift from each lift bank of each building will be converted into Fire lift and one fire evacuation lift to be provided at the mid landing of 2.0 mt. wide staircase. The lift lobby & common corridor at each floor level is directly ventilated to outside air as shown on the plan.

REFUGE AREA:

Sr. No.	Tower No.	Floor	Required Area (In Sq.M.)	Provided Area (In Sq.M.)	At the height from ground level (In M.)
1.	1	3rd	66.71	84.12	25.35
		7th	84.09	84.12	37.55
		12th	84.09	84.12	52.80
		17th	84.09	84.12	68.05
		22nd	84.09	84.12	86.35
		27th	84.09	84.12	101.60
		32nd	14.55	84.12	116.85
In addition to that terrace of building will be treated as refuge area. Between 17th & 18th Floor at high of 71.10 M from Ground level with 1.8 M height below beam bottom and break pressure tank with 30,000 liter capacity will be treated as Fire Check Floor. Whether to calculate excess Refuge area and Fire Check Floor in FSI or not shall be decided by A.D.T.P. (TMC) Thane					

Sr. No.	Tower No.	Floor	Required Area (In Sq.M.)	Provided Area (In Sq.M.)	At the height from ground level (In M.)
1.	2	3rd	66.71	84.12	25.35
		7th	84.09	84.12	37.55
		12th	84.09	84.12	52.80
		17th	84.09	84.12	68.05
		22nd	84.09	84.12	86.35
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Sr. No.	Tower No.	Floor	Required Area (In Sq.M.)	Provided Area (In Sq.M.)	At the height from ground level (In M.)
1.	3	3rd	59.92	83.45	25.35
		7th	75.40	83.45	37.55
		12th	75.40	83.45	52.80
		17th	79.20	83.45	68.05
		22nd	84.09	84.12	86.35
		27th	84.09	84.12	101.60
		32nd	14.55	84.12	116.85

In addition to that terrace of building will be treated as refuge area.
Between 17th & 18th Floor at high of 71.10 M from Ground level with 1.8 M height below beam bottom and break pressure tank with 30,000 liter capacity will be treated as Fire Check Floor.
Whether to calculate excess Refuge area and Fire Check Floor in FSI or not shall be decided by A.D.T.P. (TMC) Thane

The A.D.T.P. is requested to scrutinized the plans as per DCR &verify civil work and all other requirements pertaining to civil Engineering side including open spaces, R.G.s, corridors, staircases, amendments, height, refuge area in sq.m. & floor occupancy of the building. If any changes in the plans other than mentioned above then A.D.T.P. shall refer back the proposal to this department for revised NOC till then further process shall not be permitted.

DETAILS OF RAMPS.

No. of ramps	Width	Details
1	9.00 m. wide ramp + 3.00 M. paved RG with 1:10 gradient with drop off for tower 2 & 3	Actual ramp is started from tower No. 3 at 108.00 M. level with 16.5 M. turning radius for the fire engine movement suitably to bear the load of fire engines having 68 ton with point load of 10 kgs./sq. cms.

THE OPEN SPACES :

The plot is approachable by 60.00 M. wide Ghodbunder Road from West Side.

Tower No.	North	South	East	West
1	9.00 M.to 14.00 M. on top of the podium	9.00 M. + 3.00 M. paved RG on ground level	12.00 M. on top of the podium	12.00 M. on top of the podium
2	More than 12.00 M. on top of the podium	9.00 M. + 3.00 M. paved RG on ground level	6.00 M. + 6.00 M. paved RG on top of the podium	9.00 M. + 3.00 M. paved RG on ground level
3	6.00 M. + 6.00 M. paved RG on top of the podium	15.53 M. on top of the podium	6.00 M. + 6.00 M. paved RG on top of the podium	9.00 M. + 3.00 M. paved RG on ground level & commercial access from 12.00 M. + 60.00 M. GB road

The proposal has been considered favorably in view of the fact that;

i) No compound wall shall be constructed on all road side & joint open spaces all around the building where open spaces are less than 12.00 M.
ii) The plot is approachable by 60.00 M. wide Ghodbunder Road from West Side.
iii) Architect has proposed operational area for firefighting partly on Ground floor & partly on podium.
iv) The staircase shall be provided with pressurized system as per NBC.

v) 9.00 m. wide ramp + 3.00 M. paved RG with 1:10 gradient with drop off for tower 2 & 3. Actual ramp is started from tower No. 3 at 108.00 M. level with 16.5 M. turning radius for the fire engine movement.

vi) No retaining wall shall be constructed on 3.00 M. paved RG which travels with 9.00 M. ramp

vii) Controlled Lowering Device for evacuation or External Evacuation System as approved by CFO shall be provided.

viii) Automatic sprinkler system shall be provided in entire lift lobby, common corridor of each floor level and each habitable room of all flat of each floor level of each building , entire commercial area, surface car parking area in such a way to cover each car parking as per the standards lay down by TAC or relevant IS specification.

ix) Automatic Drencher system should be provided at periphery on podium floor and should be connected to the main sprinkler pump as per the standard laid down in relevant I.S. Specifications.

x) Open to sky swimming pool provided on terrace level and a separate No Objection Certificate shall be obtained from this department for the swimming pool / Sub Station/club house.

xi) Break pressure tank of 30,000 litres capacity with 900 LPM booster pump shall be provided in each fire check floor of building between 17th & 18th floor at height of 71.10 Mt. from Ground level

xii) Main Pump and Jockey pump should not be less than 300 Hp.

xiii) Automatic smoke detection system shall be provided in lift lobby & common corridor at each floor level, electric meter room & each lift machine room, Control / BMS Room and in electric shaft at every floor level with response indicator.

xiv) If Built up area 10 Lakh sq.ft or more than that in single building or in group, proponent should hand over one Water Brouser cum High Rise Building fire Fighting vehicle free of cost to Fire Brigade Department. Hence one vehicle to be provided as per specification with following equipments :- 1. Light mast 2. Trust type ladder 3. Hook ladder 4. Hose 5. Suction hose 5. B.A.Set 6. Hydraulic cutting tools 7. Wood Cutters (petrol) 8. Fire Extinguishers 9.Various branches 10.Water tower monitor etc. Water Brouser cum High Rise Building fire Fighting vehicle before applying for NOC to O.C. And copy of the work order should be submitted within a week after approval of HRC.

xv) During construction stage and before the final occupation party agreed to comply additional requirement stipulated by Thane Fire Brigade Officer.

xvi) If any discrepancies observed about the DCR during construction Thane Fire Brigade officer may changed the requirement as the rules.

In view of above, as far as this department is concerned there is no objection from Fire safety point of view for the construction of high rise Residential Tower No. 1,2 & 3 having Ground/Podium + Upper 3 level podiums + Stilt + 1st to 17th floor + Fire Check Floor + 18th to 33rd floor with total height of 126.70 Mt. from general ground level up to terrace level.

As per details shown on enclosed plans; signed in taken of approval, subject to satisfactory compliance of the following requirements.

1. **ACCESS:**

i) All access & fire tender access should be free of encumbrances.

ii) Courtyards shall be flushed with the road levels.

iii) Entrance gate provided shall be of not less than 6.00 meters width each shall be provided, at locations marked on the plan. Archways, if any over the entrance gates, shall have height clearance of not less than 6.00 mtrs.

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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 and methods as stipulated under IS 1942-1960 as application for residential building.

ii) A certificate to that effect that the fire resistance protection has been provided as above shall be furnished from the Structural Engineer as the time of application for occupying the building.

3. OPEN SPACES :

i) The provided open space on all the sides of the building shall be paved, suitably to bear the load of fire engines having 68 ton load with point load of 10 kgs./sq. cms.

ii) All the open spaces (and podium, ramp if provided) shall be in one plane and mandatory open space(and podium, ramp if provided) shall be clear of any obstructions including tree.

iii) The open spaces (and podium, ramp if provided) shall be kept free from obstruction at all times.

4. STAIRCASE:

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 and shall be approached (gained) at each floor level at least two hours fire resistant self-closing door placed in the enclosed wall of the staircase.

iii) Externally located staircases and lobbies adequately ventilated to outside air.

iv) Permanent vent at the top equal to 5% of the cross sectional area of the staircase shall be provided.

v) Open able sashes or R.C.C. grills with clear opening of not less than 0.5 sq.m. per landing on the external wall of the staircase shall be provided.

vi) No combustible material shall be kept or stored in staircase / passage and shall be kept unobstructed all time.

TERRACE STAIRCASE:

The terrace door shall be provided in following manners:

a. The top of portion of the door shall be provided with louvers.

b. The single latch lock shall be installed from the terrace side at the height of not more than one meter.

c. The glass front of 6 inch dia. with the breakable glass shall be provided just above the single latch lock, as to open the latch in emergency.

d. The door shall either be fitted with magnetic lock or shall be synchronize with fire detection and alarm system.

5. CORRIDOR / LIFT LOBBY :

i) Corridor / lift lobby at each floor level shall be naturally ventilated as shown in plan.

ii) The common corridor / lift lobby at each floor level shall be kept free from obstructions at all times.

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

iv) Portable lights / insta lights shall be provided at strategic locations in the staircase and lift lobby.

6. PRESSURIZATION OF LIFT LOBBIES:

lift lobbies shall be provided with pressurized system if not naturally ventilated as per NBC.

7. **STAIRCASE AND CORRIDOR LIGHTINGS:**

i) The staircase and corridor lighting shall be on separate circuits and shall be independently connected so that they could be operated by one switch installation on the ground floor control room 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 and corridor lighting shall also be connected to alternate supply.

iii) Double throw switches should be installed to ensure that lighting in the staircase and 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.

8. **FLAT/ KITCHEN ENTRANCE & EXIT / ENTRANCE STAIRCASE:**

i) Flat entrance and kitchen doors shall be of solid core having fire resistance of not less than one 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.

9. **ELECTRIC CABLE SHAFTS, ALL SHAFTS, SERVICES & METER ROOM:**

i) Electric cable shafts shall be exclusively used for electric cables and should not open in staircase enclosure.

ii) Inspection doors for shafts at the each floor level shall have two hours fire resistance.

iii) Electric shafts and each shaft 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 ELCB/MCB.

v) Electric meter room shall be provided at the location shown in the plan. It shall be adequately ventilated & easily accessible.

vi) Low and medium voltage wiring running in shaft and 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) Preferably bus bar system shall be installed from ground to all upper floors main supply.

ix) Separate circuits for firefighting pumps, lifts, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and 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.

x) Automatic smoke detector system shall be provided in each electric shaft on each floor along with response indicator which shall be connected to main control panel board on ground floor level and each floor level.

xi) Master switches controlling essential service circuits shall be clearly labeled and shall be placed at control room on ground floor.

10. **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 no combustible materials.

11. **MATERIALS FOR INTERIOR DECORATION/FURNISHING**

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

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12. LIFTS:-

A. PASSENGER LIFT :-

i) Walls enclosing lift shaft shall have a fire resistance of not less than two hour.

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 two hours fire resistance glass (as per VidhanParishad Resolution No. 135).

iv) Fire lift shown in the plan shall be as per specifications laid down under the regulations, a toggle switch shall be provided to this lift for the use of Firemen.

v) Threshold of non combustible material shall be provided at the entrance of each landing door.

vi) All lifts well shall be pressurized including fire lift.

B. FIRE LIFT :-

i) Walls enclosing lift shafts shall have two hours fire resistance.

ii) The shafts shall have permanent vent equal 0.2 sq.m. clear area under the Lift Machine room.

iii) Landing doors and lift car doors of the lifts shall be of two hours fire resistance glass (as per Vidhan Parishad Resolution No. 135).

iv) To enable fire services personnel to reach the upper floor with the minimum delay, one fire lift shall be provided and shall be available for the exclusive use of the firemen in an emergency and the directly accessible to every dwelling of each floor.

v) The lift shall have a floor area of not less than 1.4 sq. m. with a minimum dimension of 1.12 m. It shall have loading capacity of not less than 545 k.g. (8persons 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 and 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 noncombustible 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.

13. **FIRE EVACUATION LIFT TO BE PROVIDED :-**

1) "Fire Evacuation Lift" other than regular passenger lifts and fire lift/s. The requirement of "Fire Evacuation Lift" shall be decided on the basis of travel distance in line with requirement of number of staircases as per prevailing D.C.R./N.B.C.

2) Capacity of "Fire Evacuation Lift" shall be of 800 to 1000 kg/8-15 persons and it shall be terminated on ground floor or podium where facility of the assembly of evacuation available in case of emergency and shall not commute to the Basement.

3) "Fire Evacuation Lift" core (Lift shaft) shall have minimum internal clear space of 2.0 sq. meter OR as per above mentioned weight carrying capacity.

4) "Fire Evacuation Lift" shall be housed in a separate core having smoke check lobby with opening on each floor shall be adjacent to one of the enclosed staircase and required access to the staircase on each landing through fire resistance door of 2 hrs. rating. (If

building is constructed as per previous approval and not possible to give on mid-landing).

5) For the new buildings Fire evacuation lift shall be provided on every mid-landing of one of the enclosed staircase of the building and the said staircase shall be protected with smoke check lobby by means of Fire resistance door/Fire curtain/Fire resistance Glass having 2 hrs fire resistance. (for all new proposal).
6) The "Fire Evacuation Lift" along with the enclosed staircase shall be marked as "Fire Escape Lift/Staircase" at each landing door terminating to the lobby.
7) All the requirements pertaining to civil and electrical aspects mentioned in National Building Code for "Fire Lift" shall be applicable for "Fire Evacuation Lift". In addition to that following fire safety measures shall be incorporated.
8) "Fire Evacuation Lift" car doors and Landing doors shall have at least two hours fire resistance and shall have provision of Glass vision for both doors of minimum 1 feet x 2 feet and the glass should also have two hours fire resistance.
9) Landing door on each floor shall have provision to open manually by using key. This key shall be placed in breakable safety glass case located at 7 feet from floor level.
10) Two way communication systems shall be provided in "Fire Evacuation Lift" car as well as at every landing level including ground floor lobby with following features.
    i. Calling floor number shall appear on display inside lift cabin to the operator.
    ii. Lift present floor level shall appear on calling floor panel to the caller.
    iii. Additional operating console shall be provided at bottommost landing. This operating console shall have display showing calling floor number, lift present floor level and voice communication control to all floor.
11) For operation of "Fire Evacuation Lift" wired remote shall be provided inside of the lift cabin for regular operation and second wireless remote shall be provided inside the cabin as a standby.
12) Bund wall of 150mm (6 inches) shall be provided at every landing door opening to avoid water logging.
13) "Fire Evacuation Lift" car shall have emergency operation switch which will be only operated by Fire Brigade personnel. On actuation of this switch, the "Fire Evacuation Lift" will only operate from inside and the lift car door shall not open automatically but shall have control from inside to open it. The emergency operation switch shall also be provided in Podium floor lobby.
14) The backup electric supply shall be provided with UPS and it should be online supported by another regular and alternate emergency supply.
15) All the electric cables shall be fire retardant with low smoke hazard complying relevant BIS standards.
16) "Fire Evacuation Lift" car shall be made of non-combustible material including interior having minimum 2 hrs. fire resistance.
17) Lift maintenance shall be carried out only by Manufacturing / Installation Company.
18) "Fire Evacuation Lift" shall have independent wiring at outside of dead wall of Building and have independent circuit to Podium floor / Stilt Floor
19) The separate switch (125 AMP or capacity to run) for the "Fire Evacuation Lift" shall be provided at ground floor.
20) "Fire Evacuation Lift" shall have mass SMS messaging system to alert occupants on each floor of building and nearest fire brigade station in fire emergency condition.
21) Separate alternate source of electricity i.e. D.G.Set shall be provided for the "Fire Evacuation Lift" as well as arrangement shall be made to connect the "Fire Evacuation Lift" to the Generator of Fire Vehicle.

Thane Municipal Corporation of the City of Thane Fire Brigade Dept.

22) Lift Machine Room shall be provided at Ground level between the ground floor and 1st floor or lift machine room can be alternatively provided between top of the podium floor and above floor..

23) Third party inspection shall be done and accordingly certificate shall be submitted.

15. FIRE FIGHTING **REQUIREMENTS :**

A) UNDERGROUND **WATER STORAGE TANKS :**

An underground water storage tank of 3,00,000 liters capacity separate for Tower No. 1,2 & 3 (Total 9,00,000 liters) shall be provided as per design specified in the rules with baffle wall and fire brigade collecting breaching. The layout of which shall be got approved from Water department prior to erection. The tanks shall be connected to sprinkler system.

B) OVERHEAD WATER **STORAGE TANK : (separate for each building)**

A tank of 30,000 liters capacity shall be provided on each staircase shaft at the terrace level of each building. The tank shall be connected to the wet riser through a booster pump through a non return valve and gate valve. And Break pressure tank of 30,000 liters capacity with 900 LPM booster pump shall be provided in a fire check floor between 17th & 18th floor at height of 71.10 Mt. from Ground level

C) WET RISER CUM **DOWN COMER : (separate for each building)**

Wet riser cum down comer of internal dia. of 15 cms. of G.I. 'C' Class pipe shall be provided in the duct adjoining each staircase with double hydrant outlet & hose reel at each floor in such a way as not to reduce the width of the common corridor. 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 floor up to terrace level. Wet riser outlet and hose reel at a distance of 100 ft. shall be provided on periphery of all R.G. / parking floors.

D) FIRE SERVICE INLET **: (separate for each building)**

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 to (a) The wet riser (b) Sprinkler system & (c) drencher 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.

E) AUTOMATIC SPRINKLERS **SYSTEM : (separate for each building)**

Automatic sprinkler system shall be provided in entire buildings including lift lobby, common corridor at each floor level of both buildings and each habitable room of each flat on each floor level of each building, entire commercial area, entire surface car parking area, entire parking such a way to cover each car parking at Stilt /parking. As per the standards lay down by TAC or relevant IS specification.

F) DRENCHER SYSTEM:-

Automatic Drencher system should be provided at periphery on podium floor and should be connected to the main sprinkler pump as per the standard laid down in relevant I.S. Specifications.

G) AUTOMATIC SMOKE **DETECTION SYSTEM :(separate for each building)**

Automatic smoke detection system shall be provided in lift lobby & common corridor at each floor level of each building, each electric meter room & each lift machine room, Control / BMS Room and in electric shaft at every floor level with response indicator; same should be connected to main console panel on ground floor level in BMS Room, as per IS specification.

H) HEATRISE DETECTORS : (separate for each building)

Heat rise detectors system shall be installed in the hot areas i.e. kitchen etc. and same shall be connected to main console at ground floor level.

I-1) FIRE PUMP, BOOSTER PUMP, SPRINKLER PUMP AND JOCKEY PUMP :

i) Wet-riser cum down comer shall be connected to a fire pump at ground level of capacity of not less than 3200 liters/min. capable of giving a pressure of not less than 3.2 kgs/ sq. cms. at the top most hydrant.

(ii) Booster pump of 900 liters/min. capacity giving a pressure of not less than 3.2 kgs./ sq. cms. at the top most hydrant out let of the wet-riser shall be provided at the fire check floor of immediate after 70 M. and 140 M. of Building

(iii) Booster pump of 900 liters/min. capacity giving a pressure of not less than 3.2 kgs./ sq. cms. at the top most hydrant out let of the wet-riser shall be provided at the terrace level.

(iv) Main Pump and Jockey pump should not be less than 300 Hp.

(iv) Sprinkler pump of suitable capacity along with jockey pump shall be provided for automatic sprinkler system.

(v) Electric supply (normal) to these pumps shall be independent circuit.

(vi) Separate jockey pump shall be provided to Wet riser system to keep system pressurized.

(vii) Operating switches for booster pumps shall be also provided in glass fronted boxes in lift lobbies on each floor at prominent place.

(viii) Operating switches of fire pumps shall be also provided in glass fronted boxes at ground floor.

(ix) All above pumps should be surface mounted or vertical turbine type (submersible pump not permitted) pump along with adequate size of pump room

I-2) STAND BY PUMP:

Set of standby pump shall be provided as per NBC.

J) EXTERNAL HYDRANTS.

Courtyard hydrants shall be provided at distance of 30.00 mtrs each within the confines of the site of the wet riser-cum-down comer. Hose box with two non-percolating ISI marked hoses (length not less than 15 mtrs) & branch shall be equally distributed on ground floor, R.G. floor, as well as on each floor of each Building near the wet riser outlet.

K) ALTERNATE SOURCE OF POWER SUPPLY.

An alternate source of LV/HV supply from a separate substation as well as from a diesel generator with Auto/Manual changeover over switch shall be provided for fire pumps, booster pump, sprinkler pump, jockey pump, staircase and corridor lighting circuits and fire alarm system, detection system, public address system, voice evacuation system etc. It shall be housed in separate cabin.

L) PORTABLE FIRE EXTINGUISHERS :

(i) One dry chemical powder type fire extinguisher of 09 kgs. capacity having I.S.I. certification mark and two sand buckets filled with dry cleaned sand shall be kept in each electric meter room as well as in each lift machine room.

(ii) One dry chemical powder type fire extinguisher of 06 kgs. capacity having I.S.I. certification mark shall be kept on each floor level at prominent place & refuge area

(iii) All above fire extinguishers should be placed on each floor level as per IS:2190 of 1992.

M) FIRE ALARM SYSTEM / FIRE DETECTION SYSTEM :

a) Both the Buildings shall be provided with intelligent analog addressable fire alarm system with microprocessor based main control panel at ground floor level and addressable call

Thane Municipal Corporation of the City of Thane * Fire Brigade Dept. * ठाणे महानगर पालिका अग्निशमन दल

points and hooters at each floor level. The design of fire alarm system shall be in accordance with I.S. specification and based on NFPA 72 guidelines (as per 2010 edition).

b) The addressable fire alarm system shall be equipped with the latest evacuation features such as digital voice evacuation capabilities; fire fighters telephone system, directional sounders etc. The main entry / exit points shall be provided with fire fighters interactive interface to enable viewing of critical information in event of fire.

c) Both the Buildings 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.

d) Access control system, close circuit cameras shall be installed in the entire building & connected at the control room.

e) Trained security staff & fire staff shall be posted on duty at strategic location around the clock.

f) Security / fire staff shall be trained in evacuation procedure & use of fire fighting equipment.

g) The entire building floors shall be provided with proper standard signage.

N) CONTROLLED LOWERING DEVICE : (Separate For Each Building)

Controlled Lowering Device for evacuation or External Evacuation System as approved by CFO shall be provided.

O) FIRE OFFICER:

A qualified fire officer, with minimum qualification of either B.E. (fire) or Advanced diploma in Divisional officer's course from National Fire Service College or its equivalent and having at least 3 years working experience in a regular a Metropolitan Fire Service shall be appointed on full time basis for looking after the fire prevention, evacuation, escapes, repairs, drills, maintenance and upkeep of fire protection and firefighting equipment, as also to train the security staff and selected persons using the premises.

The qualified officer as mentioned above shall be appointed simultaneously with the occupation of the premises and the selection of the officer shall be made in consultation with the Chief Fire Officer, Thane Fire Brigade.

P) PUBLIC ADDRESS SYSTEM :

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

Q) BUILDING MANAGEMENT SYSTEM:

i)The entire building should be provided with intelligent, properly designed / programmed building management system having its main control at near reception on ground floor.

ii)Addressable wireless stand alone system with connectivity to nearby fire station shall be provided.

R) FIRE DRILLS / EVACUATION DRILLS:

Fire Drills and evacuation drills shall be conducted regularly in consultation with Thane Fire Brigade and log of the same shall be maintained.

S) SIGNAGES:

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

T) VOICE EVACUATION SYSTEM:

The voice evacuation system shall be integrated to Fire Alarm system so as to facilitate the co-ordination activities in case of fire emergencies. The actuation of the fire alarm control panel shall automatically activate the Voice Evacuation system. A pre-recorded message shall be broadcast on the affected floor, one floor below & two floors above the affected floor.

U) BREATHING APPARATUS SETS:

Two Self-contained Compressed Air Breathing Apparatus sets of 45 minutes duration each shall be kept in the fire control room & refuge area.

V) INTEGRATED SYSTEM:

The entire firefighting system shall be of the type "Integrated Building Automation System" combining all the systems. Flasher light shall be installed at the top of the building which will be switched on in case of incident of fire in that building to indicate involvement of building in fire. It will also help the incoming fire brigade appliances to reach the spot in time without delay.

W) DETECTOR SYSTEM:

L.P.G. / P.N.G. detector system shall be installed in kitchen area of each building.

X) FIRE CHECK FLOOR:

A high rise building having height more than 70 m, shall be provided with fire check floor (entire floor) at every 70 m level. Height of the fire check floor shall not be more than 1.8 mts. .(below beam bottom). The fire check floor shall not be used for any purpose and it shall be the responsibility of the owner/occupier to maintain the same clean and free of encumbrances and encroachments at all times. Periphery of the Fire Check floor shall not be enclosed. Fire Drenchers shall be provided at the periphery of the each fire check floor

Y) SUB-STATION / SWIMMING POOL/ CLUB HOUSE:

Swimming Pool should be open to sky and a separate No Objection Certificate shall be obtained from this department for the swimming pool / Sub Station/club house.

Z) REFUGE AREA:

Refuge area shall be conforming to the following requirements:

i) Manner of refuge area

a) The refuge area shall be so located that it shall preferably face the access road/s or otherwise face the wider open space on the side of the building perpendicular to the main access road.
b) The refuge area shall be provided with railing / parapet of 1.20 mtrs.
c) The cantilevered refuge area shall necessarily be of RCC Type. If approved earlier
d) R.C.C. covering shall be provided above the topmost cantilever refuge area. If approved earlier.
e) The refuge area shall have a door which 'shall be painted or fixed with a sign in luminous paint mentioning "REFUGE AREA"
f) The lift/s shall not be permitted to open into the refuge areas.

ii) Use of refuge area :

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

iii) Facilities to be provided at refuge area

a. Adequate emergency lighting facility shall be provided.

iv) To allow or to count excess refuge area in FSI shall be discretion of Building Proposal Department. This department is not responsible for providing excess refuge area.

v) Terrace floor as **a refuge floor:**

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

b. 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".

Built up area statement **Tower 1, 2 & 3**

Tower 1 (Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + St + 1st to 33rd floors) - 126.70 M.					
Sr. No.	Floor No.	Height (In M.)	BUA (In Sq.M.)	Rate	Charges (In `)
Fire Premium Charges					
Upto 0.00 M. to 25.00 M. height					
For Commercial					
1	Gr. Podium	4.50	1086.88	Rs. 160/- or Min. Rs. 400000/-	1878.62 x Rs. 160/- = 300579/-
2	Podium level 1	4.20	791.74		
Total (A)		8.70	1878.62	Min. Charges	400000.00
For Residential					
3	Podium level 2	3.05		Rs. 300/- per Sq.M.	(431.30 x Rs.300/-)
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1st floor	3.05	215.65		
Total (B)		22.30	431.30		129390.00
Total Fire Premium Charges (A +B)					529390.00
Fire Infrastructure Charges					
Above 25.00 M. to 92.00 M. height					
7	2nd floor	3.05	395.52	Rs. 600/- per Sq.M.	(7984.47 x Rs. 600/-)
8	3rd floor	3.05	331.23		
9	4th floor	3.05	395.52		
10	5th floor	3.05	395.52		
11	6th floor	3.05	395.52		
12	7th floor	3.05	331.23		
13	8th floor	3.05	395.52		
14	9th floor	3.05	395.52		
15	10th floor	3.05	395.52		
16	11th floor	3.05	395.52		
17	12th floor	3.05	331.23		
18	13th floor	3.05	395.52		

19	14th floor	3.05	395.52		
20	15th floor	3.05	395.52		
21	16th floor	3.05	395.52		
22	17th floor	3.05	331.23		
23	Fire Check floor	3.05			
24	18th floor	3.05	395.52		
25	19th floor	3.05	395.52		
26	20th floor	3.05	395.52		
27	21st floor	3.05	395.52		
28	22nd floor	3.05	331.23		
Total (B)		**89.40**	**7984.47**		**Rs. 47,90,682.00**
Above 92.00 M. height					
29	23rd floor	3.05	395.52		
30	24th floor	3.05	395.52		
31	25th floor	3.05	395.52		
32	26th floor	3.05	395.52		
33	27th floor	3.05	331.23		
34	28th floor	3.05	395.52	Rs. 1000/- per Sq.M.	(3826.62x Rs. 1000/-)
35	29th floor	3.05	395.52		
36	30th floor	3.05	395.52		
37	31st floor	3.05	395.52		
38	32nd floor	3.05	331.23		
39	Service floor	2.60			
40	33rd floor	4.20			
Total (C)		**126.70**	**3826.62**		**Rs. 38,26,620.00**
Total Infrastructure charges (B +C)			**12242.39**		**Rs. 86,17,302.00**

Tower 2 (Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + St + 1st to 33rd floors) - 126.70 M.

Sr. No.	Floor No.	Height (In M.)	Built up area (In Sq.M.)	Rate	Charges (In ₹)
			Fire Premium Charges		
Upto 0.00 M. to 25.00 M. height					
1	Gr. Podium	5.65			
2	Podium level 1	3.05			
3	Podium level 2	3.05		Rs. 300/- per Sq.M.	(431.30 x Rs.300/-)
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1st floor	3.05	215.65		
Total Fire Premium Charges (A)		**22.30**	431.30		**129390.00**

Municipal Corporation of the City of Thane ठाणे महानगर पालिका अग्निशमन दल Thane Fire Brigade Dept.

Fire Infrastructure Charges					
Above 25.00 M. to **92.00 M. height**					
7	2nd floor	3.05	395.44		
8	3rd floor	3.05	331.23		
9	4th floor	3.05	395.44		
10	5th floor	3.05	395.44		
11	6th floor	3.05	395.44		
12	7th floor	3.05	331.23		
13	8th floor	3.05	395.44		
14	9th floor	3.05	395.44		
15	10th floor	3.05	395.44		
16	11th floor	3.05	395.44		
17	12th floor	3.05	331.23		
18	13th floor	3.05	395.44	Rs. 600/- per Sq.M.	(7983.19 x Rs. 600/-)
19	14th floor	3.05	395.44		
20	15th floor	3.05	395.44		
21	16th floor	3.05	395.44		
22	17th floor	3.05	331.23		
23	Fire Check floor	3.05			
24	18th floor	3.05	395.44		
25	19th floor	3.05	395.44		
26	20th floor	3.05	395.44		
27	21st floor	3.05	395.44		
28	22nd floor	3.05	331.23		
Total (B)		**89.40**	**7983.19**		**Rs. 47,89,914.00**
Above 92.00 M. height					
29	23rd floor	3.05	395.44		
30	24th floor	3.05	395.44		
31	25th floor	3.05	395.44		
32	26th floor	3.05	395.44		
33	27th floor	3.05	331.23		
34	28th floor	3.05	395.44	Rs. 1000/- per Sq.M.	(12240.47x Rs. 1000/-)
35	29th floor	3.05	395.44		
36	30th floor	3.05	395.44		
37	31st floor	3.05	395.44		
38	32nd floor	3.05	331.23		
39	Service floor	2.60			
40	33rd floor	4.20			
Total (C)		**126.70**	**3825.98**		**Rs. 38,25,980.00**
Total Infrastructure charges (B +C)			**12240.47**		**Rs. 86,15,894.00**

Tower 3 (Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + St + 1st to 33rd floors) - 126.70 M.					
Sr. No.	Floor No.	Height (In M.)	Built up area (In Sq.M.)	Rate	Charges (In `)
			Fire Premium Charges		
Upto 0.00 M. to 25.00 M. height					
1	Gr. Podium	5.65		Rs. 300/- per Sq.M.	(431.30 x Rs.300/-)
2	Podium level 1	3.05			
3	Podium level 2	3.05			
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1st floor	3.05	215.65		
Total Fire Premium Charges (A)		22.30	431.30		129390.00
			Fire Infrastructure Charges		
Above 25.00 M. to 92.00 M. height					
7	2nd floor	3.05	367.19	Rs. 600/- per Sq.M.	(7464.50 x Rs. 600/-)
8	3rd floor	3.05	316.63		
9	4th floor	3.05	367.19		
10	5th floor	3.05	367.19		
11	6th floor	3.05	367.19		
12	7th floor	3.05	316.63		
13	8th floor	3.05	367.19		
14	9th floor	3.05	367.19		
15	10th floor	3.05	367.19		
16	11th floor	3.05	367.19		
17	12th floor	3.05	316.63		
18	13th floor	3.05	367.19		
19	14th floor	3.05	367.19		
20	15th floor	3.05	357.21		
21	16th floor	3.05	352.24		
22	17th floor	3.05	306.67		
23	Fire Check floor	3.05			
24	18th floor	3.05	352.24		
25	19th floor	3.05	352.24		
26	20th floor	3.05	395.44		
27	21st floor	3.05	395.44		
28	22nd floor	3.05	331.23		
Total (B)		89.40	7464.50		Rs. 44,78,700.00
Above 92.00 M. height					
29	23rd floor	3.05	395.44	Rs. 1000/- per Sq.M.	(3825.98x Rs.1000/-)
30	24th floor	3.05	395.44		

Thane Municipal Corporation of the City of Thane * Fire Brigade Dept. * अग्निशमन दल महानगरपालिका ठाणे

31	25th floor	3.05	395.44		
32	26th floor	3.05	395.44		
33	27th floor	3.05	331.23		
34	28th floor	3.05	395.44		
35	29th floor	3.05	395.44		
36	30th floor	3.05	395.44		
37	31st floor	3.05	395.44		
38	32nd floor	3.05	331.23		
39	Service floor	2.60			
40	33rd floor	4.20			
Total (C)		126.70	3825.98		Rs. 38,25,980.00
Total Infrastructure charges (B + C)			11721.78		Rs. 83,04,680.00

FIRE SAFETY FUND

Sr. No.	Building	Total Construction Area (In Sq.M.)	Rate	Charges to be paid (In Rs.)
Residential				
1	Tower 1, 2, 3	86255.63	Rs. 10/-	Rs. 8,62,556.30
	Say			Rs. 8,62,557.00
Commercial				
1	Tower 1	2035.88	Rs. 3/- or Min. Rs. 25000/-	Rs. 6,107.64
	Min. Charges			Rs. 25,000.00
Total Fire Safety Charges				Rs. 8,87,557.00

Tower	Floors	Fire Premium Charges	Fire Infrastructure Charges	Fire Safety Fund
1	Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + St + 1st to 33rd floors	529390.00	8617302.00	887557.00
2		129390.00	8615894.00	
3		129390.00	8304680.00	
	Total	Rs.7,88,170.00	Rs.2,55,37,876.00	Rs.8,87,557.00

Summary of Charges

Charges	Amount	Receipt
Fire Premium Charges	7,88,170/-	TMC/HQ/FIR/000755/19-20, Dt. 20/11/2019
Fire Infrastructure Charges	2,55,37,876/-	TMC/HQ/FIR/000756/19-20, Dt. 20/11/2019
Fire Safety Fund	8,87,557/-	TMC/HQ/FIR/000757/19-20, Dt. 20/11/2019

Architect has certified the area & accordingly paid the various fees, Architect has verified & submitted the table of area along with fees paid. If any differences in fee paid or any queries objected by the auditor then balance fees to be paid by the Architect / Developer or

After payment of the said fees then only any amended NOC or final NOC for Occupation will be issued or recovered legally as per rules and Regulation. At the time of submission if any wrong or irregularity submitted and observed late on during construction, then above said NOC will be revoked by Chief Fire Officer, Thane.

Above mentioned built up area has been verified by Licensed engineer. However, The A.D.T.P.is requested to verify the total built-up area and inform this department, if the same is found to be more for the purpose of levying additional Scrutiny fees, if required.

Note:

1. The fire fighting installation shall be carried out by licensed approved agency.
2. The area calculation shown in the enclosed plan shall be checked by the A.D.T.P.
3. The A.D.T.P. is requested to scrutinized the plans as per DCR &verify civil work and all other requirements pertaining to civil Engineering side including open spaces, R.G., corridors, staircases, amendments, height, refuge area in sq. m. & floor occupancy of the building. And if these plans, given open space is not approvable then this NOC shall be refer back to this department for revised NOC also till then further process of issuing IOD & C.C. shall not be permitted.
4. This N.O.C. is issued from fire risk point of view only.
5. The schematic drawings/plans of Sprinkler system, smoke detection System, Rate of rise detection system, Wet riser system, Public Address system etc. and specification of Water Bowser cum High Rise Building fire Fighting vehicle and controlled lowering device are applicable and copy of the work order should be submitted within a week after approval of HRC & shall be got approved from CFO prior to installation.
6. Necessary permission for fitness center, shops as well as any licensable activity shall be obtained from concerned department & T.M.C. / C.F.O.'s department till then shall not be allowed to use.
7. During construction stage and prior to final occupation party agreed to comply with additional requirements stipulated by Thane Fire Brigade Officer if any in future.
8. There shall be no tree/canopy/arch/car parking to be located in compulsory open spaces. No compound wall shall be constructed on all road side, & joint open spaces all around the building where open spaces is less than 12.00 M.
9. The area, size is to be consulted as per relevant I.S. Standards and Codes with consultant for the sprinkler system, detection system, fire alarm system, wet riser system, public address system, electrical duct, etc. to be verified & examined.
10. If any discrepancies observed about the DCR during construction, then above said NOC will be revoked by chief Fire Officer.
11. **This NOC is subject to approval of H.R.C. & Hon. Municipal Commissioner Sir.**

Sd/-
Chief Fire Officer
Thane Fire Brigade

Copy To : 1. High rise Committee
2. M/s. Joshi Deshaware & Associates

Thane Municipal Corporation of City of Thane * Fire Brigade Dept. *

Chief Fire Officer
Thane Fire Brigade

.THANE MUNICIPAL CORPORATION
FIRE BRIGADE THANE

No. TMC/CFO/M/185/185
Date : 30/12/2021

SUB :-NOC stipulating fire protection &fire fighting requirements of proposed development of High rise **Residential Tower No. 1, 2 & 3** on Plot bearing S. No. 206/2 & 141/5 village Kavesar, Tal & Dist. Thane

REF: i) V.P. No. S06/0310/18
ii) Letter from Architect M/s. Saakaar Architect dated 27/12/2021
iii)Initial NOC No. TMC/CFO/M/HRC/87/87, Dtd. 20/11/2019
iv)Date of Inspection by DFO Mr. S. V. Devare on Dt. 29/12/2021

A.D.T.P. (THANE)

In this case please refer to this office Initial NOC vide No. – TMC/CFO/M/HRC/87/87, Dtd. 20/11/2019 for **Residential Tower No. 1, 2 & 3** having Ground/Podium + Upper 3 level podiums + Stilt + 1st to 17th floor + Fire Check Floor + 18th to 33rd floor with total height of 126.70 Mt. from general ground level up to terrace level.

Now, Architect has submitted the amended plan & proposed the following amendments.

1. Architect has deleted fire check floor & added 06 nos. Of floors for Residential Tower No. 1, 2 & 3, now Residential Tower No. 1, 2 & 3 having Ground/Podium + Upper 3 level podiums + Stilt + 1st to 39th floor with total height of 141.95 Mt. from general ground level up to terrace level.

THE FLOOR-WISE USER OF TOWER NO 1, 2 & 3

Building No.	Floors	User
Tower 1	Ground Podium	10 nos. of shop, Meter room, Substation & Mechanical parking
	1st Podium	8 nos. of offices, amenity & Mechanical parking
	2nd Podium	Parking
	3rd Podium	Meter room, Panel room & Parking
	Stilt floor	3 nos. Of Residential flats, Entrance lobby, Society office & Servant toilet
	1st floor	3 nos. Of Residential flats
	2nd, 4th to 6th, 8th to 11th, 13th to 16th, 18th to 21st, 23rd to 26th, 28th to 31st, 33rd to 36th, 38th	6 nos. Of Residential flats on each floor
	3rd, 7th, 12th, 17th, 22nd, 27th, 32nd, 37th refuge floor	5 nos. Of Residential flats & refuge area on each floor
	Recreational floor	Recreational floor between 38th & 39th floors
	39th Fitness centre floor	Fitness center, open to sky swimming pool

Thane Municipal Corporation of the City of Thane Fire Brigade Cell

Tower 2	Ground Podium	Domestic & Fire tanks
	1st Podium	Parking
	2nd Podium	Parking
	3rd Podium	Meter room, Panel room & Parking
	Stilt floor	3 nos. Of Residential flats, Entrance lobby, Society office & Servant toilet
	1st floor	3 nos. Of Residential flats
	2nd, 4th to 6th, 8th to 11th, 13th to 16th, 18th to 21st, 23rd to 26th, 28th to 31st, 33rd to 36th, 38th	6 nos. Of Residential flats on each floor
	3rd, 7th, 12th, 17th, 22nd, 27th, 32nd, 37th refuge floor	5 nos. Of Residential flats & refuge area on each floor
	Recreational floor	Recreational floor between 38th & 39th floors
	39th Fitness centre floor	Fitness center, open to sky swimming pool
Tower 3	Ground Podium	Earth filling
	1st Podium	Parking
	2nd Podium	Parking
	3rd Podium	Meter room, Panel room & Parking
	Stilt floor	3 nos. Of Residential flats, Entrance lobby, Society office & Servant toilet
	1st floor	3 nos. Of Residential flats
	2nd, 4th to 6th, 8th to 11th, 13th to 16th, 18th to 21st, 23rd to 26th, 28th to 31st, 33rd to 36th, 38th	6 nos. Of Residential flats on each floor
	3rd, 7th, 12th, 17th, 22nd, 27th, 32nd, 37th refuge floor	5 nos. Of Residential flats & refuge area on each floor
	Recreational floor	Recreational floor between 38th & 39th floors
	39th Fitness centre floor	Fitness center, open to sky swimming pool

THE DETAILS OF STAIRCASES & LIFTS :-

Building No.	Staircase description	Width of staircase	Nos. of staircase
Tower 1	Leading from 1st Podium to terrace level	2.00 m. wide	02 Nos.
	Leading from Ground to 1st podium	1.50 m. wide	02 Nos.
Tower 2	Leading from 1st Podium to terrace level	2.00 m. wide	02 Nos.
Tower 3	Leading from 2nd Podium to terrace level	2.00 m. wide	02 Nos.

Building No.	Lifts Type	Profile	Nos. of lifts
Tower 1	Passenger lift	Leading from 1st Podium to 39th floor	03 Nos.
	Passenger lift	Leading from Ground to 1st podium	04 Nos.
	Fire Evacuation lift	Leading from 1st Podium to 39th floor	01 No.
	Fire lift	Leading from 1st Podium to 39th floor	01 Nos.

Tower 2	Passenger lift	Leading from 1st Podium to 39th floor	03 Nos.
	Fire Evacuation lift	Leading from 1st Podium to 39th floor	01 No.
	Fire lift	Leading from 1st Podium to 39th floor	01 Nos.
Tower 3	Passenger lift	Leading from 2nd Podium to 39th floor	03 Nos.
	Fire Evacuation lift	Leading from 2nd Podium to 39th floor	01 No.
	Fire lift	Leading from 2nd Podium to 39th floor	01 Nos.

The proposed both the staircases having flight width of 2.00 m. as shown in plans are enclosed type and are externally located & adequately ventilated to outside air above ground level. One of the lift from each lift bank of building will be converted into Fire lift. The lift lobby & common corridor at each floor level is directly ventilated to outside air as shown on the plan.

REFUGE AREA :

Sr. No.	Building	Floor	Provided Area (In Sq.M.)	At the height from ground level (In M.)
1	Tower 1 & 2	3rd	84.15	25.35
		7th	84.15	37.55
		12th	84.15	52.80
		17th	84.15	68.05
		22nd	84.15	83.30
		27th	84.15	98.55
		32nd	84.15	113.80
		37th	84.15	129.05
In addition to that terrace of building will be treated as refuge area. Whether to calculate excess Refuge area in FSI or not shall be decided by ADTP				

Sr. No.	Building	Floor	Provided Area (In Sq.M.)	At the height from ground level (In M.)
2	Tower 3	3rd	75.40	25.35
		7th	75.40	37.55
		12th	75.40	52.80
		17th	83.47	68.05
		22nd	84.15	83.30
		27th	84.15	98.55
		32nd	84.15	113.80
		37th	84.15	129.05
In addition to that terrace of building will be treated as refuge area. Whether to calculate excess Refuge area in FSI or not shall be decided by ADTP				

A.D.T.P. is requested to scrutinize the plans &verify civil work and all other requirements pertaining to civil Engineering side including open spaces, R.G.s, corridors, staircases, amendments, height, refuge area in sq.m. & floor occupancy of the building. If any changes in the plans other than mentioned above then A.D.T.P. shall refer back the proposal to this department for revised NOC till then further process shall not be permitted.

THE OPEN SPACES :

The plot is approachable by 60.00 M. wide Ghodbunder Road from West Side.

Tower No.	North	South	East	West
1	9.00 M. on top of the podium	9.00 M. on ground level	12.00 M. from RG-2	12.00 M. on top of the podium
2	More than 6.00 M. on top of the podium	9.00 M. + 3.00 M. paved RG on ground level	6.00 M. + 6.00 M. paved RG on top of the podium	9.00 M. + 3.00 M. paved RG on ground level
3	6.00 M. + 6.00 M. paved RG on top of the podium	15.56 M. from 9.00m ramp	6.00 M. + 6.00 M. paved RG on top of the podium	9.00 M. + 3.00 M. paved RG on ground level

DETAILS OF RAMPS.

No. of ramps	Width	Details
1	9.00 m. wide ramp with 1:10 gradient with drop off for tower 2 & 3	Actual ramp is started from tower No. 3 at 108.00 M. level with 16.5 M. turning radius for the fire engine movement suitably to bear the load of fire engines having 45 ton with point load of 10 kgs./sq. cms.

The proposal has been considered favorably in view of the fact that;

i) No compound wall shall be constructed on all road side & joint open spaces all around the building.

ii) The plot is approachable by 60.00 M. wide Ghodbunder Road from West Side.

iii) Architect has proposed operational area for firefighting partly on Ground floor & partly on podium.

iv) The lift lobbies, staircases shall be naturally ventilated as per NBC.

v) Automatic sprinkler system shall be provided in entire lift lobby, common corridor of each floor level and each habitable room of all flat of each floor level of each building , entire commercial area, surface car parking area in such a way to cover each car parking as per the standards lay down by TAC or relevant IS specification.

vi) Automatic smoke detection system shall be provided in lift lobby & common corridor at each floor level, electric meter room & each lift machine room, Control / BMS Room and in electric shaft at every floor level with response indicator.

vii) Fireman's lift / Fire lift is provided as per 9.27 of UDCPR & Section 5, subsection 5A of Part VIII NBC 2016

viii) During construction stage and before the final occupation party agreed to comply additional requirement stipulated by Thane Fire Brigade Officer.

ix) If any discrepancies observed during construction Thane Fire Brigade officer may changed the requirement as the rules.

In view of above, as far as this department is concerned there is no objection from Fire safety point of view for the construction of high rise Now for Residential Tower No. 1, 2 & 3 having Ground/Podium + Upper 3 level podiums + Stilt + 1st to 39th floor with total height of 141.95 Mt. from general ground level up to terrace level.

As per details shown on enclosed plans; signed in taken of approval, subject to satisfactory compliance of the following requirements.

1. **ACCESS:**

i) All access & fire tender access should be free of encumbrances.

ii) Courtyards shall be flushed with the road levels.

iii) Architect has provided entrance gate height & width of 6.00 M.

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 and methods as stipulated under IS 1942-1960 as application for residential building.

ii) A certificate to that effect that the fire resistance protection has been provided as above shall be furnished from the Structural Engineer as the time of application for occupying the building.

3. **OPEN SPACES :**

i) The provided open space on all the sides of the building shall be paved, suitably to bear the load of fire engines having 45 ton load with point load of 10 kgs./sq. cms.

ii) All the open spaces shall be in one plane and mandatory open space shall be clear of any obstructions including tree.

iii) The open spaces shall be kept free from obstruction at all times.

4. **STAIRCASE:**

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 and shall be approached (gained) at each floor level at least two hours fire resistant self-closing door placed in the enclosed wall of the staircase.

iii) Externally located staircases and lobbies adequately ventilated to outside air.

iv) Permanent vent at the top equal to 5% of the cross sectional area of the staircase shall be provided.

v) Open able sashes or R.C.C. grills with clear opening of not less than 0.5 sq.m. per landing on the external wall of the staircase shall be provided.

vi) No combustible material shall be kept or stored in staircase / passage and shall be kept unobstructed all time.

TERRACE DOOR:

The terrace door shall be provided in following manners:

a. The top of portion of the door shall be provided with louvers.

b. The single latch lock shall be installed from the terrace side at the height of not more than one meter.

c. The glass front of 6 inch dia. with the breakable glass shall be provided just above the single latch lock, as to open the latch in emergency.

d. The door shall either be fitted with magnetic lock or shall be synchronize with fire detection and alarm system.

5. **CORRIDOR / LIFT LOBBY :**

i) Corridor / lift lobby at each floor level shall be naturally ventilated as shown in plan.

ii) The common corridor / lift lobby at each floor level shall be kept free from obstructions at all times.

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

6. **STAIRCASE AND CORRIDOR LIGHTINGS:**

i) The staircase and corridor lighting shall be on separate circuits and shall be independently connected so that they could be operated by one switch installation on

the ground floor control room 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 and corridor emergency lighting shall also be connected to alternate supply.

iii) Emergency lights shall be provided in the staircases/corridors.

7. EXIT / ENTRANCE STAIRCASE:

i) The fire resistance rating for staircase F.R.D., Lift lobby / protected lobby & the lift doors as per N.B.C. provisions.

ii) Flat entrance shall be of solid core having fire resistance of not less than one hour (solid wood of 45 mm thickness.)

8. ELECTRIC CABLE SHAFTS, ALL SHAFTS, SERVICES & METER ROOM:

i) Electric cable shafts shall be exclusively used for electric cables and should not open in staircase enclosure.

ii) Inspection doors for shafts at the each floor level shall have two hours fire resistance.

iii) Electric shafts and each shaft 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 shall be non-toxic, non-flammable, low smoke hazard having copper core / fire resistance for the entire building with provision of ELCB/MCB.

v) Electric meter room shall be provided at the location shown in the plan. It shall be adequately ventilated & easily accessible.

vi) Low and medium voltage wiring running in shaft and 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) Preferably bus bar system shall be installed from ground to all upper floors main supply.

ix) Separate circuits for firefighting pumps, lifts, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and 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.

x) Automatic smoke detector system shall be provided in each electric shaft on each floor along with response indicator which shall be connected to main consol panel board on ground floor level and each floor level.

xi) Master switches controlling essential service circuits shall be clearly labeled and shall be placed at control room on ground level.

9. 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 no combustible materials.

10. MATERIALS FOR INTERIOR DECORATION/FURNISHING

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

11. LIFTS:-

A. PASSENGER LIFT :-

i) Walls enclosing lift shaft shall have a fire resistance of not less than two hour.

ii) Shafts shall have permanent vent of not less than 0.2 sq. mtrs in clear area immediately under the machine room.

iii) Fire lift shown in the plan shall be as per specifications laid down under the regulations, a toggle switch shall be provided to this lift for the use of Firemen.

iv) Threshold of non combustible material shall be provided at the entrance of each landing door.

v) Fire lifts well shall be pressurized.

B. **FIRE LIFT/ FIREMAN'S LIFT/ FIRE EVACUATION LIFT :-**

i) Fireman's lift / Fire lift / Fire evacuation lift is provided as per 9.27 of UDCPR & Section 5, subsection 5A of Part VIII NBC 2016

ii) Walls enclosing lift shafts shall have two hours fire resistance.

iii) The shafts shall have permanent vent equal 0.2 sq.m. clear area under the Lift Machine room.

iv) To enable fire services personnel to reach the upper floor with the minimum delay, one fire lift shall be provided and shall be available for the exclusive use of the firemen in an emergency and the directly accessible to every dwelling of each floor.

v) The lift shall have a floor area of not less than 2.35 sq. m. It shall have loading capacity of not less than 1000k.g. with automatic closing doors.

vi) There shall be an alternate electric supply of an adequate capacity apart from the normal electric supply the building and 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 noncombustible material shall be provided at the entrance of each landing door.

13. FIRE FIGHTING REQUIREMENTS :

A) UNDERGROUND WATER STORAGE TANKS : (for each tower)

An underground water storage tank of 2,00,000 liters capacity for each wing shall be provided as per design specified in the rules with baffle wall and fire brigade collecting breaching. The layout of which shall be got approved from Water department prior to erection. The tanks shall be connected to sprinkler system.

B) OVERHEAD WATER STORAGE TANK : (for each tower)

A tank of 30,000 liters capacity shall be provided on staircase shaft at the terrace level of the building. The tank shall be connected to the wet riser through a booster pump through a non return valve and gate valve.

C) WET RISER CUM DOWN COMER: (for each tower)

Wet riser cum down comer of internal dia. of 15 cms. of G.I. 'C' Class pipe shall be provided in the duct adjoining staircase with double hydrant outlet & hose reel at each floor in such a way as not to reduce the width of the common corridor. 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 floor up to terrace level. Wet riser outlet and hose reel at a distance of 100 ft. shall be provided on periphery of all R.G. / parking floors. Wet riser extended from ground to terrace/top floor 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 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 fire pump room.

E) **AUTOMATIC SPRINKLERS SYSTEM :(for each tower)**

Automatic sprinkler system shall be provided in entire lift lobby, common corridor of each floor level and each habitable room of each flat of each floor level, entire stilt floor in such a way to cover each car parking of the building as per the standards lay down by TAC or relevant IS specification..

F) **AUTOMATIC SMOKE DETECTION SYSTEM :(for each tower)**

Automatic smoke detection system shall be provided in lift lobby & common corridor at each floor level of each building, each electric meter room & each lift machine room, Control / BMS/ FACP Room and in electric shaft at every floor level with response indicator; same should be connected to main console panel on ground floor level in BMS/FACP Room, as per IS specification.

G) **FIRE PUMP, BOOSTER PUMP,SPRINKLER PUMP AND JOCKEY PUMP :**

i) Provision of pumps as per table no. 7 with relevant notes & Provision of pump house as per 5.1.2.2 of Part IV NBC 2016.

ii) Wet-riser cum down comer shall be connected to a fire pump of capacity not less than 2850 liters/min. capable of giving a pressure of not less than 3.2 kgs/ sq. cms. at the top most hydrant.

(i) Booster pump of 900 liters/min. capacity giving a pressure of not less than 3.2 kgs./ sq. cms. at the top most hydrant out let of the wet-riser shall be provided at the terrace level.

(iv) Sprinkler pump of suitable capacity along with jockey pump shall be provided for automatic sprinkler system.

(ii) Electric supply (normal) to these pumps shall be independent circuit.

(iii) Separate jockey pump shall be provided to Wet riser system to keep system pressurized.

(iv) Operating switches for booster pumps shall be also provided in glass fronted boxes in control room.

(v) Operating switches of fire pumps shall be also provided in glass fronted boxes at fire pump room.

(vi) All above pumps should be surface mounted or vertical turbine type (submersible pump not permitted) pump along with adequate size of pump room

H) **STAND BY PUMP:**

Set of standing pump shall be provided as per table no. 7 with relevant notes of Part IV NBC 2016.

I) **EXTERNAL HYDRANTS.**

Courtyard hydrants shall be provided at distance of 30.00 mtrs each within the confines of the site of the wet riser-cum-down comer. Hose box with two non-percolating ISI marked hoses (length not less than 15 mtrs) & branch shall be equally distributed on ground floor, R.G. floor, as well as on each floor of each wing near the wet riser outlet.

J) **EMERGENCY POWER FOR FIRE & LIFE SAFETY SYSTEMS (for each tower)**

An alternate source of LV/HV supply from a substation or from a diesel generator with Auto/Manual changeover over switch shall be provided for fire pumps, booster pump, sprinkler pump, jockey pump, staircase and corridor emergency lighting circuits and fire alarm system, detection system, public address system, voice evacuation system etc. It shall be housed in separate cabin.

K) **PORTABLE FIRE EXTINGUISHERS :(for each tower)**

(i) One dry chemical powder type fire extinguisher of 09 kgs. capacity having I.S.I. certification mark and two sand buckets filled with dry cleaned sand shall be kept in each electric meter room as well as in each lift machine room.

(i) One dry chemical powder type fire extinguisher of 06 kgs. capacity having I.S.I. certification mark shall be kept on each floor level at prominent place & refuge area

(ii) All above fire extinguishers should be placed on each floor level as per IS:2190 of 1992.

L) **FIRE ALARM SYSTEM / FIRE DETECTION SYSTEM :(for each tower)**

a) Building shall be provided with intelligent analog addressable fire alarm system with microprocessor based main control panel at ground floor level and addressable call points and hooters at each floor level. The design of fire alarm system shall be in accordance with I.S. specification and based on NFPA 72 guidelines (as per 2010 edition).

b) The addressable fire alarm system shall be equipped with the latest evacuation features such as digital voice evacuation capabilities; fire fighters telephone system etc. The main entry / exit points / FACP room shall be provided with fire fighters interactive interface to enable viewing of critical information in event of fire.

c) 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.

M) **PUBLIC ADDRESS&VOICE EVACUATION SYSTEM :(for each tower)**

1) The entire building common area shall be provided with public address system as per the rules with main control operator at console panel at FACP/ground floor area.

2) The voice evacuation system shall be integrated to Fire Alarm system so as to facilitate the co-ordination activities in case of fire emergencies. The actuation of the fire alarm control panel shall automatically activate the Voice Evacuation system. A pre-recorded message shall be broadcast on the affected floor, one floor below & two floors above the affected floor.

N) **FIRE DRILLS / EVACUATION DRILLS: (for each tower)**

Fire Drills and evacuation drills shall be conducted regularly in consultation with Thane Fire Brigade and log of the same shall be maintained.

O) **SIGNAGES:(for each tower)**

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

P) REFUGE AREA:

Refuge area shall be conforming to the following requirements:

i) Manner of refuge area

a) The refuge area shall be so located that it shall preferably face the access road/s or otherwise face the wider open space on the side of the building perpendicular to the main access road.
b) The refuge area shall be provided with railing / parapet of 1.20 mtrs.
c) The cantilevered refuge area shall necessarily be of RCC Type.
d) R.C.C. covering shall be provided above the topmost cantilever refuge area.
e) The refuge area shall have a door which 'shall be painted or fixed with a sign in luminous paint mentioning "REFUGE AREA"
f) The lift/s shall not be permitted to open into the refuge areas.

ii) Use of refuge area :

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

iii) Facilities to be provided at refuge area

a. Adequate emergency lighting facility shall be provided.

To allow or to count excess refuge area in FSI shall be discretion of Building Proposal Department. This department is not responsible for providing excess refuge area.

Tower 1 (Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + St + 1st to 39 floors) - 141.95 M.					
Sr. No.	Floor No.	Height (In M.)	Built up area (In Sq.M.)	Rate	Charges (In ₹)
Fire Premium Charges					
For Commercial					
1	Gr. Podium	5.65	1093.60	Rs. 160/- or Min. Rs. 400000/-	1880.00 x Rs. 160/- = 300800/-
2	Podium level 1	3.05	786.40		
Total (A)		8.70	1880.00	Min. Charges	400000.00
For Residential					
Upto 0.00 M. to 25.00 M. height					
1	Gr. Podium			Rs. 300/- per Sq.M.	(431.30 x Rs.300/-)
2	Podium level 1				
3	Podium level 2	3.05			
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1st floor	3.05	215.65		
Total (B)		22.30	431.30		129390.00
Total Fire Premium Charges (A +B)					₹ 529,390.00

Fire Infrastructure Charges					
Above 25.00 M. to 92.00 M. height					
7	2nd floor	3.05	395.52	Rs. 600/- per Sq.M.	(8379.99 x Rs. 600/-)
8	3rd floor	3.05	331.23		
9	4th floor	3.05	395.52		
10	5th floor	3.05	395.52		
11	6th floor	3.05	395.52		
12	7th floor	3.05	331.23		
13	8th floor	3.05	395.52		
14	9th floor	3.05	395.52		
15	10th floor	3.05	395.52		
16	11th floor	3.05	395.52		
17	12th floor	3.05	331.23		
18	13th floor	3.05	395.52		
19	14th floor	3.05	395.52		
20	15th floor	3.05	395.52		
21	16th floor	3.05	395.52		
22	17th floor	3.05	331.23		
24	18th floor	3.05	395.52		
25	19th floor	3.05	395.52		
26	20th floor	3.05	395.52		
27	21st floor	3.05	395.52		
28	22nd floor	3.05	331.23		
29	23rd floor	3.05	395.52		
Total (B)		**89.40**	**8379.99**		**Rs. 5,027,994.00**
Above 92.00 M. height					
30	24th floor	3.05	395.52	Rs. 1000/- per Sq.M.	(7546.83 x Rs.1000/-)
31	25th floor	3.05	395.52		
32	26th floor	3.05	395.52		
33	27th floor	3.05	331.23		
34	28th floor	3.05	395.52		
35	29th floor	3.05	395.52		
36	30th floor	3.05	395.52		
37	31st floor	3.05	395.52		
38	32nd floor	3.05	331.23		
39	33rd floor	3.05	637.01		
40	34th floor	3.05	637.01		
41	35th floor	3.05	637.01		
42	36th floor	3.05	637.01		
43	37th floor	3.05	584.46		
44	38th floor	3.05	637.01		
45	Service floor	2.60			
46	39th floor	4.20	346.22		
Total (C)		**141.95**	**7546.83**		**Rs. 7,546,830.00**
Total Infrastructure charges (B + C)			**16358.12**		**Rs. 12,574,824.00**

Tower 2 (Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + 5t + 1st to 39 floors) - 141.95 M.					
Sr. No.	Floor No.	Height (In M.)	Built up area (In Sq.M.)	Rate	Charges (In ₹)
Fire Premium Charges					
Upto 0.00 M. to 25.00 M. height					
1	Gr. Podium	5.65		Rs. 300/- per Sq.M.	(431.30 x Rs.300/-)
2	Podium level 1	3.05			
3	Podium level 2	3.05			
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1st floor	3.05	215.65		
Total Fire Premium Charges (A)		**22.30**	**431.30**		**129390.00**
Fire Infrastructure Charges					
Above 25.00 M. to 92.00 M. height					
7	2nd floor	3.05	395.44	Rs. 600/- per Sq.M.	(8378.63 x Rs. 600/-)
8	3rd floor	3.05	331.23		
9	4th floor	3.05	395.44		
10	5th floor	3.05	395.44		
11	6th floor	3.05	395.44		
12	7th floor	3.05	331.23		
13	8th floor	3.05	395.44		
14	9th floor	3.05	395.44		
15	10th floor	3.05	395.44		
16	11th floor	3.05	395.44		
17	12th floor	3.05	331.23		
18	13th floor	3.05	395.44		
19	14th floor	3.05	395.44		
20	15th floor	3.05	395.44		
21	16th floor	3.05	395.44		
22	17th floor	3.05	331.23		
24	18th floor	3.05	395.44		
25	19th floor	3.05	395.44		
26	20th floor	3.05	395.44		
27	21st floor	3.05	395.44		
28	22nd floor	3.05	331.23		
29	23rd floor	3.05	395.44		
Total (B)		**89.40**	**8378.63**		**Rs. 5,027,178.00**
Above 92.00 M. height					
30	24th floor	3.05	395.44	Rs. 1000/- per Sq.M.	(7546.27 x Rs. 1000/-)
31	25th floor	3.05	395.44		
32	26th floor	3.05	395.44		
33	27th floor	3.05	331.23		
34	28th floor	3.05	395.44		
35	29th floor	3.05	395.44		
36	30th floor	3.05	395.44		
37	31st floor	3.05	395.44		
38	32nd floor	3.05	331.23		
39	33rd floor	3.05	637.01		
40	34th floor	3.05	637.01		
41	35th floor	3.05	637.01		

42	36th floor	3.05	637.01		
43	37th floor	3.05	584.46		
44	38th floor	3.05	637.01		
45	Service floor	2.60			
46	39th floor	4.20	346.22		
Total (C)		141.95	7546.27		Rs. 7,546,270.00
Total Infrastructure charges (B +C)			16356.20		Rs. 12,573,448.00

Tower 3 (Gr.Podium (P0) + 1st Podium (P1)+2nd Podium (P2)+ 3rd Podium (P3) + St + 1st to 39 floors) - 141.95 M.					
Sr. No.	Floor No.	Height (In M.)	Built up area (In Sq.M.)	Rate	Charges (In ₹)
Fire Premium Charges					
Upto 0.00 M. to 25.00 M. height					
1	Gr. Podium	4.50		Rs. 300/- per Sq.M.	(431.30 xRs.300/-)
2	Podium level 1	4.20			
3	Podium level 2	3.05			
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1st floor	3.05	215.65		
Total (B)		22.30	431.30		129390.00
Fire Infrastructure Charges					
Above 25.00 M. to 92.00 M. height					
7	2nd floor	3.05	367.19	Rs. 600/- per Sq.M.	(7859.94 x Rs. 600/-)
8	3rd floor	3.05	316.63		
9	4th floor	3.05	367.19		
10	5th floor	3.05	367.19		
11	6th floor	3.05	367.19		
12	7th floor	3.05	316.63		
13	8th floor	3.05	367.19		
14	9th floor	3.05	367.19		
15	10th floor	3.05	367.19		
16	11th floor	3.05	367.19		
17	12th floor	3.05	316.63		
18	13th floor	3.05	367.19		
19	14th floor	3.05	367.19		
20	15th floor	3.05	357.21		
21	16th floor	3.05	352.24		
22	17th floor	3.05	306.67		
24	18th floor	3.05	352.24		
25	19th floor	3.05	352.24		
26	20th floor	3.05	395.44		
27	21st floor	3.05	395.44		
28	22nd floor	3.05	331.23		
29	23rd floor	3.05	395.44		
Total (B)		89.40	7859.94		Rs. 4,715,964.00

Above 92.00 M. height					
30	24th floor	3.05	395.44	Rs. 1000/- per Sq.M.	(7338.15 x Rs. 1000/-)
31	25th floor	3.05	395.44		
32	26th floor	3.05	395.44		
33	27th floor	3.05	331.23		
34	28th floor	3.05	395.44		
35	29th floor	3.05	395.44		
36	30th floor	3.05	395.44		
37	31st floor	3.05	395.44		
38	32nd floor	3.05	331.23		
39	33rd floor	3.05	617.79		
40	34th floor	3.05	583.67		
41	35th floor	3.05	583.67		
42	36th floor	3.05	583.68		
43	37th floor	3.05	555.57		
44	38th floor	3.05	637.01		
45	Service floor	2.60			
46	39th floor	4.20	346.22		
Total (C)		**141.95**	**7338.15**		**Rs. 7,338,150.00**
Total Infrastructure charges(B +C)			**15198.09**		Rs. 12,054,114.00

FIRE SAFETY FUND

Sr. No.	Building	Total Construction Area (In Sq.M.)	Rate	Charges to be paid (In Rs.)
Residential including podium area				
1	Tower 1, 2, 3	96663.25	Rs. 10/-	Rs. 966,632.50
	Say			**Rs. 966,633.00**
Commercial				
1	Tower 1	2056.55	Rs. 3/- or Min. Rs. 25000/-	Rs. 6,169.65
	Min. Charges			**Rs. 25,000.00**
Total Fire Safety Charges				**Rs. 991,633.00**

SUMMARY

Fire Premium Charges

Sr. No.	Description	Tower 1	Tower 2	Tower 3	Total
1	Fire Premium Charges for amendment	Rs.529,390.00	Rs.129,390.00	Rs.129,390.00	Rs.788,170.00
2	Already paid Fire Premium Charges vide CFO NOC dated 20/11/19	Rs.529,390.00	Rs.129,390.00	Rs.129,390.00	Rs.788,170.00
3	**To be paid Fire Premium Charges (1-2)**	**Rs. 0.00**	**Rs.0.00**	**Rs.0.00**	**Rs.0.00**

Fire Infrastructure Charges

Sr. No	Description	Tower 1	Tower 2	Tower 3	Total
4	Fire Infrastructure Charges for amendment	Rs. 12,574,824.00	Rs.12,573,448.00	Rs.12,054,114.00	Rs.37,202,386.00
5	Already paid Fire Infrastructure Charges vide CFO NOC dated 20/11/19	Rs. 8,617,302.00	Rs.8,615,894.00	Rs. 8,304,680.00	Rs. 25,537,876.00
6	**To be paid Fire Infrastructure Charges (4-5)**	**Rs.3,957,522.00**	**Rs.3,957,554.00**	**Rs.3,749,434.00**	**Rs.11,664,510.00**

Fire Safety Charges

Sr. No.	Description	Tower 1	Tower 2	Tower 3	Total
7	Fire Safety Fund for amendment	Rs.991,633.00			Rs.991,633.00
8	Already paid Fire Safety Fund vide CFO NOC dated 20/11/19	Rs.887,557.00			Rs.887,557.00
9	**To be paid Fire Safety Fund (7-8)**				Rs.104,076.00

Summary of Charges

Building	Charges	Amount	Receipt
1, 2 & 3	**TOTAL FIRE PREMIUM CHARGES (Commercial + Residential) = 12,56,672/-**		
	Already paid Fire Premium Charges paid	7,88,170/-	TMC/HQ/FIR/000755/19-20, Dt. 20/11/2019
	Fire Premium Charges to be paid	NIL	---
	TOTAL FIRE INFRASTRUCTURE CHARGES = 41,10,040/-		
	Already paid Fire Infrastructure Charges	2,55,37,876/-	TMC/HQ/FIR/000756/19-20, Dt. 20/11/2019
	Fire Infrastructure Charges to be paid	1,16,64,510/-	TMC/HQ/FIR/000808/21-22, Dt. 30/12/2021
	TOTAL FIRE SAFETY CHARGES (Comm. + Resi.) = 1,42,423/-		
	Already paid Fire Safety charges	8,87,557/-	TMC/HQ/FIR/000757/19-20, Dt. 20/11/2019
	Fire Safety charges to be paid	1,04,076/-	TMC/HQ/FIR/000807/21-22, Dt. 30/12/2021

Licensed Engineer/Architect has certified the area & accordingly paid the various fees, Licensed Engineer has verified & submitted the table of area along with fees paid. If any differences in fee paid or any queries objected by the auditor then balance fees to be paid by the Licensed Engineer / Developer or After payment of the said fees then only any amended NOC or final NOC for Occupation will be issued or recovered legally as per rules and Regulation. At the time of submission if any wrong or irregularity submitted and observed late on during construction, then above said NOC will be revoked by Chief Fire Officer, Thane.

Above mentioned built up area has been verified by Licensed engineer. However, The A.D.T.P.is requested to verify the total built-up area and inform this department, if the same is found to be more for the purpose of levying additional fees, if required.

Note:

1. The fire fighting installation shall be carried out by licensed approved agency.
2. The area calculation shown in the enclosed plan shall be checked by the A.D.T.P.
3. The A.D.T.P. is requested to scrutinized the plans &verify civil work and all other requirements pertaining to civil Engineering side including open spaces, R.G., corridors, staircases, amendments, height, refuge area in sq. m. & floor occupancy of the building. And if these plans, given open space is not approvable then this NOC shall be refer back to this department for revised NOC also till then further process of issuing IOD & C.C. shall not be permitted.
4. This N.O.C. is issued from fire risk point of view only.
5. The schematic drawings/plans of Sprinkler system, smoke detection System, Wet riser system, Public Address system etc. shall be got approved from CFO prior to installation.
6. Necessary permission for any licensable activity shall be obtained from concerned department & T.M.C. / C.F.O.'s department till then shall not be allowed to use.
7. During construction stage and prior to final occupation party agreed to comply with additional requirements stipulated by Thane Fire Brigade Officer if any in future.
8. There shall be no tree/car parking to be located in compulsory open spaces, No compound wall shall be constructed on all road side and joint open spaces all around the building.
9. The area, size is to be consulted as per relevant I.S. Standards and Codes with consultant for the sprinkler system, detection system, fire alarm system, wet riser system, public address system, electrical duct, etc. to be verified & examined.
10. If any discrepancies observed during construction, then above said NOC will be revoked by chief Fire Officer.

Thane Municipal Corporation of the City of Thane * अग्निशमन दल * Fire Brigade Dept.

Chief Fire Officer (I/c)
Thane Fire Brigade

Copy To : 1. M/s. Saakaar Architect

दूरध्वनी : २५३३१२११
२५३३१५९०

ठाणे महानगरपालिका, ठाणे.

महानगरपालिका भवन, डॉ. अल्मेडा रोड, चंदनवाडी, पांचपाखाडी, ठाणे- ४०० ६०२.
THE MUNICIPAL CORPORATION OF THE CITY OF THANE

संदर्भ क्र./ठा.म.पा/शविवि/एचआरसी/ 256 दिनांक 08/12/२०२०

प्रति,

१) मे.साकार (वास्तुविशारद)
दुसरा मजला, नक्षत्र, विंग ए,
ठाणे महानगरपालिका मुख्यालयाजवळ,
अल्मेडा रोड, पाचपाखाडी,
ठाणे.

२) मेआशांक मॅक्ब्रोक्स प्रा.लि. (विकासक)
गोदरेज वन, ५वा मजला,
पिरोजाशानगर, ईस्टर्न एक्सप्रेस हायवे,
विक्रोळी, मुंबई.

विषय :- विकास प्रस्ताव क्र. S०६/०३१०/१८ अंतर्गत स.नं. २०६/२ व इतर कावेसर ता.जि. ठाणे या भूखंडावरील प्रस्ताव. (HRB No.७५)

संदर्भ :- १) मे.साकार यांचा दि. १८/०१/२०२० रोजीचा अर्ज.
२) विकास प्रस्ताव क्र. S०६/०३१०/१८
३) मा. High Rise Committee ची दि.१५/१०/२०२० रोजी झालेली बैठक.

महाशय,

आपण विकास प्रस्ताव क्र. S०६/०३१०/१८ अंतर्गत स.नं. २०६/२ व इतर कावेसर ता.जि. ठाणे या भूखंडावर खालील तक्त्यात नमूद केल्यानूसार ७०.०० मी. उंचीवरील इमारतींचा प्रस्ताव शिफारशी करीता दाखल केला आहे.

अ.क्र.	इमारत क्र.	तपशील	उंची
१.	इमारत क्र. ०१	Ground/Podium + Upper ३ level Podiums + Stilt + १ to १७ Floors + Fire Check Floor + १८th to ३३rd Floor	१२६.७० मी.
२.	इमारत क्र. ०२	Ground/Podium + Upper ३ level Podiums + Stilt + १ to १७ Floors + Fire Check Floor + १८th to ३३rd Floor	१२६.७० मी.
३.	इमारत क्र. ०३	Ground/Podium + Upper ३ level Podiums + Stilt + १ to १७ Floors + Fire Check Floor + १८th to ३३rd Floor	१२६.७० मी.

- विकासक यांनी शहर विकास विभागाकडील High Rise Committee Scrutiny Fees :- ०७००/१३१/१५५११० या लेखाशिर्षा अंतर्गत रु. १५.०० लक्ष चा भरणा दि. २४/०१/२०२० रोजी केला आहे.
- दाखल प्रस्तावांतर्गत Structural व Geotechnical बाबीच्या अनुषंगाने झालेली Site Visit व झालेल्या तांत्रिक सादरीकरणाच्या अनुषंगाने HRC च्या Structural व Geotechnical सदस्यांनी दाखल प्रस्तावांतर्गत उपरोक्त तक्त्यातील नमूद इमारतींची शिफारस करणेस अनुकुलता दर्शविली आहे.
- दाखल प्रस्तावांतर्गत उपरोक्त नमूद प्रस्तावित इमारतींना महापालिकेच्या अग्निशमन विभागाने TMC/CFO/M/HRC/८७/८७ दि. २०/११/२०१९ रोजी उंची :- १२६.७० मी. उंचीकरीता ना हरकत दाखला अदा केला आहे.
- ठाणे महापालिकेच्या शहर विकास विभागाने या विकास प्रस्तावास ठामपा/शविवि/३३३०/२० दि. १०/०१/२०२०अन्वये परवानगी प्रमाणपत्र अदा केले आहे.

वरील बाबींचा विचार करुन व मा. HRC च्या उपस्थित सदस्यांमध्ये चर्चा होऊन वास्तुविशारद मे.साकारयांनी दाखल केलेल्या प्रस्तावांतर्गत उपरोक्त नमूद ७०.० मी. उंचीवरील प्रस्तावित इमारतींना खालील अटींना अधिन राहुन सी.सी. प्रमाणपत्र अदा करण्यास ही मा. High Rise Committee महापालिकेच्या शहर विकास विभागास **शिफारस करत आहे.**

अटी :-

१. विकास प्रस्ताव क्र.S०६/०३१०/१८अंतर्गत मध्ये Structural व Geotechnical बाबींच्या अनुषंगाने काही बदल झाल्यास त्या बदलाकरीता मा. HighRise committee ची सुधारीत मान्यता घेणे आवश्यक राहील.

२. अग्निशमन विभागाकडील ना हरकत दाखल्यामधील सर्व अटी बंधनकारक राहतील.

३. शहर विकास विभागाकडून वेळोवेळी देण्यात येणाऱ्या परवानगी/ सी.सी. प्रमाणपत्रामधील संबंधित अटी बंधनकारक राहतील.

४. सी.सी. अदा करण्यापूर्वी Traffic Simulation बाबतचा अहवाल सादर करणे व त्याबाबत मेडयुला सॉफ्ट टेक्नोलॉजिस्ट प्रा. लि. यांचेकडील अभिप्राय सादर करणे आवश्यक राहील.

आपला,

सदस्य सचिव,
High Rise Committee तथा
सहायक संचालक नगर रचना
ठाणे महानगरपालिका, ठाणे.

Enclosure No. 9A

Ashonk Madebricks Private Limited
Regd Office. Godrej One,
5th Floor ,Pirojshanagar
Eastern express Highway
Vikhroli East- Mumbai 400079
Tel-022 -61695590
CIN: U70100MH2017PTC302864

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 out plan as below:

A. Basic Information of the Project

Sr. No.	Description	Details
1	Name of the Project	Proposed Residential & Commercial Development project at village Kavesar
2	Location of the project	Plot bearing S No. 206/2 & 141/5, at village: Kavesar, Thane (W), State- Maharashtra.
3	Project type (green/brown field)	Green field
4	Cost of the project as mentioned in CS (Rupees in Crores)	Rs. 400 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	No
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)	Rs 400 Crores
8	Applicable norms in terms of % of the project cost for CER and amount	Rs.6.0 Cr. (1.5 %)
9	Expected duration for completion of the project (Years)	5 years
10	Implementing Agency Identified (NGO/ Trust/ ULB) give name and details.	Tarehee – Water ATM's Sevamob – Regular Health and awareness camps SWM Projects through Saahaszerowaste
11	Please attached agreement with implementing agency	Shall be done once project starts on ground

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	• Skill development for construction workforce • Solar street lighting • Solid waste management through Saahaszerowaste • Conducting regular health and awareness camps through

Ashank Macbricks Private Limited
Regd Office: Godrej One,
5th Floor, Pirojshanagar
Eastern Express Highway
Vikhroli East- Mumbai – 400079
Tel-022 -61695300
CIN [illegible]

Sr. No.	Description	Details
	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	Sevamob
4	Consent of implementing agency (NGO etc.) and local authority to accept the CER in case of environmental infrastructure project	Will be done at later stage
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.	
	First Year	20 %
	Second Year	20 %
	Third Year	20 %
	Fourth Year	20 %
	Fifth Year	20 %

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

AUTHORIZED SIGNATORY

M/s. Ashank Macbricks Pvt. Ltd.

Place: Mumbai
Date: 03-01-2020

Enclosure No. 9B

ASHANK MACBRICKS PRIVATE LIMITED
Regd. Office : Godrej One,
5th Floor, Pirojshanagar,
Eastern Express Highway,
Vikhroli (E), Mumbai - 400 079. India
Tel. : +91-22-6169 8500
Fax : +91-22-6169 8888
Website : www.godrejproperties.com
CIN : U70100MH2017PTC302864

Date: 22.01.2020

To,
The Municipal Commissioner,
Thane Municipal Corporation

Subject : **Contribution** towards CER for our **Proposed "Residential and Commercial Project"** at Village Kavesar, **Thane (W), Maharashtra by M/s. ASHANK MACBRICKS PVT. LTD.**

Reference : **Office Memorandum regarding Corporate Environment Responsibility (CER) dt. 1st 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 Residential and Commercial project at village Kavesar, Thane (W) that is under process for Environmental Clearance NOC.

As per the guidelines given by the MoEF & CC we are required to provide up to 1.5% of the Capital Investment towards CER. CER Activities are attached as Annexure

We intend to spend as per MOEF norms on the CER activities.

We request you to kindly earmark activities for us that can be undertakes under CER accordingly when implemented shall be beneficial to the environment and the general public at large.

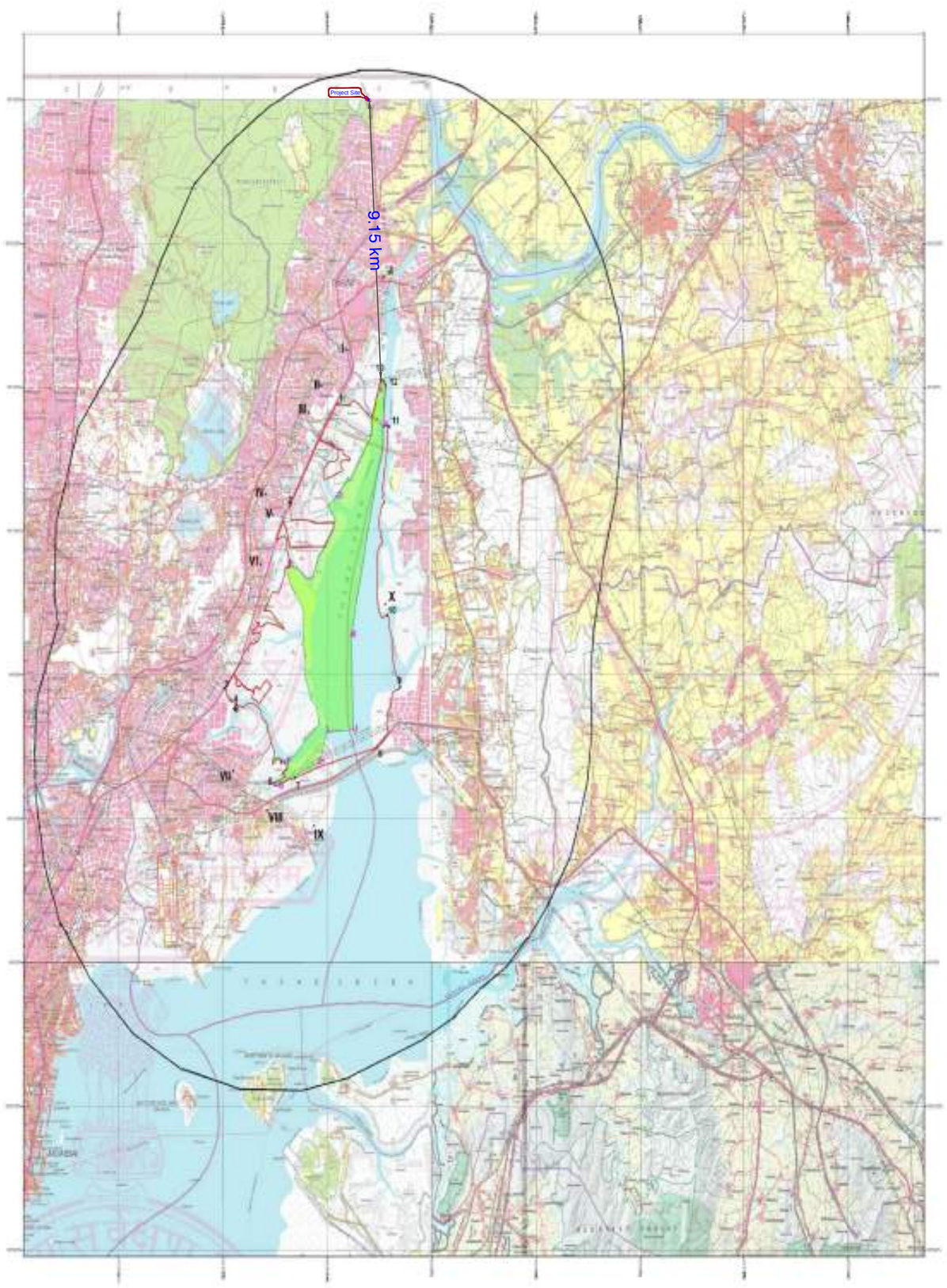
Thanking you,

Yours Faithfully,

For,
M/s. ASHANK MACBRICKS PVT. LTD.

AUTHORIZED SIGNATORY

भारतीय सर्वेक्षण (एस ओ आई) टोपोशीट पर मुख्य अवस्थानों के अक्षांश - देशांतर और 10 किलोमीटर बफर के साथ ठाणे क्रिक फ्लेमिंगो अभयारण्य के पारिस्थितिकी संवेदी जोन का मानचित्र



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1:50,000

MANGROVE CELL, MUMBAI
PROPOSED ECO SENSITIVE ZONE FOR THANAE CREEK FLAMINGO SANCTUARY.

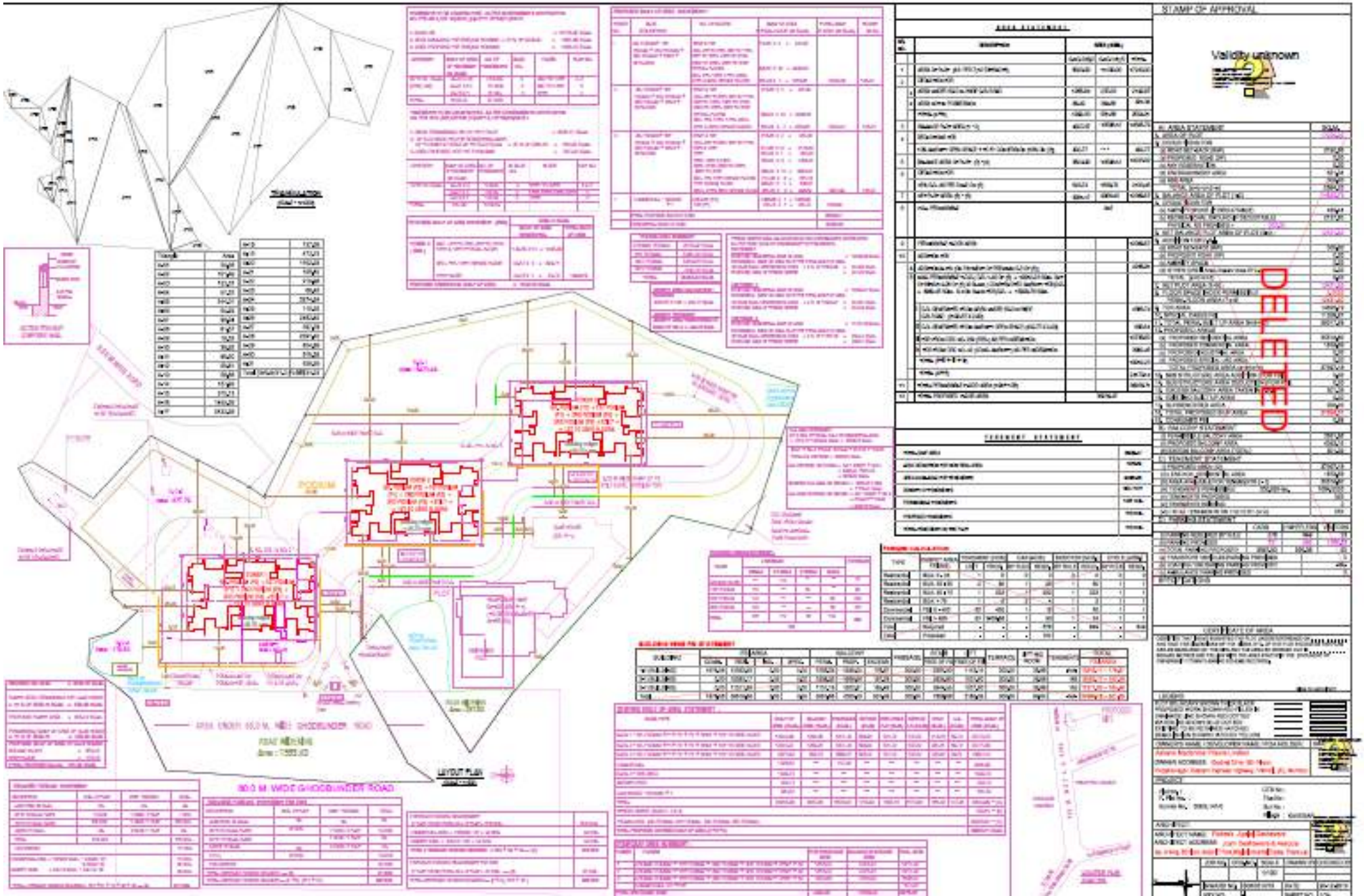
LEGEND

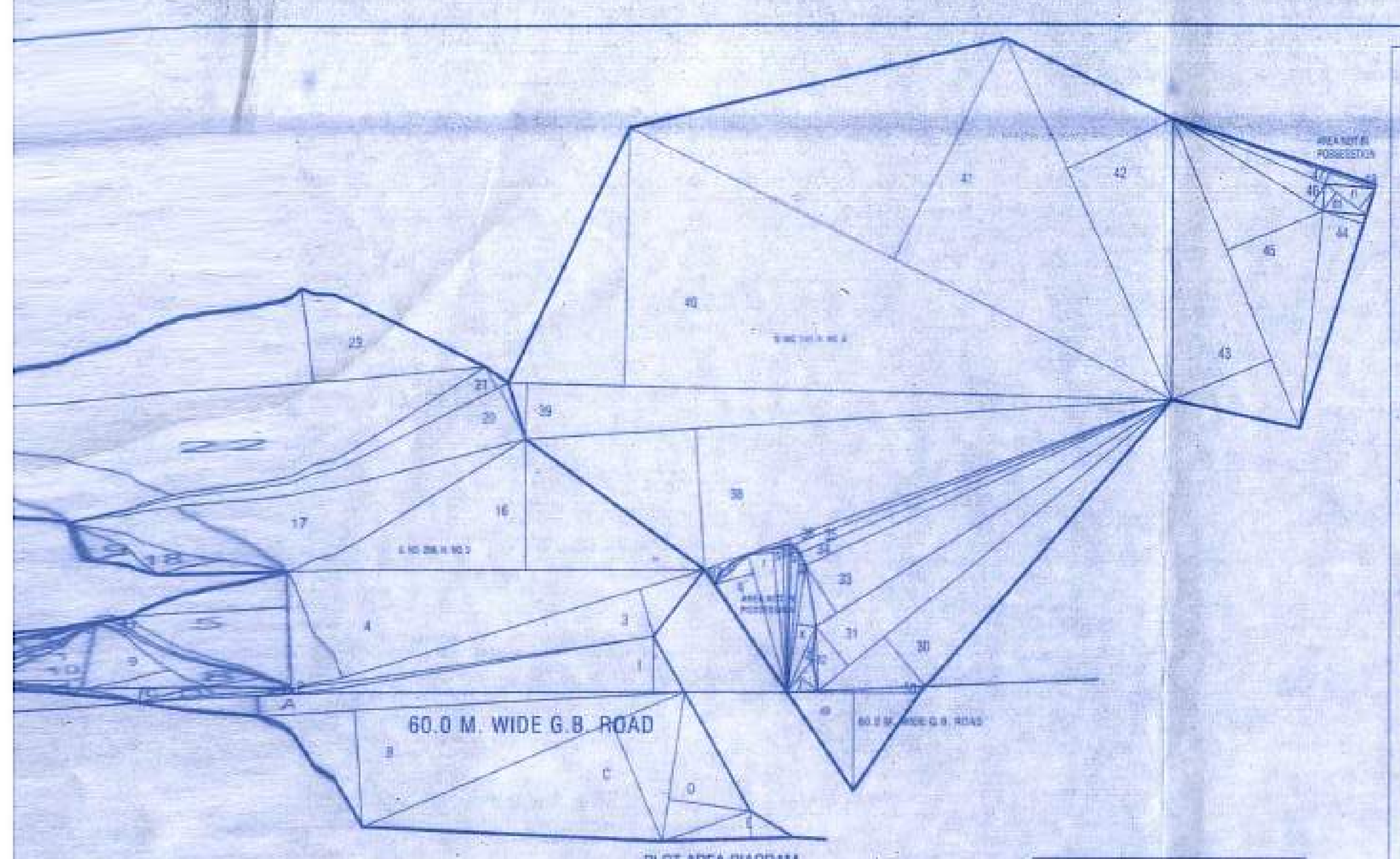
- PROTECTED AREA OF TCFS
- DEEMED ESZ OF TCFS
- PROPOSED ESZ OF TCFS

A to K- BOUNDARY CO-ORDINATES OF THE AREA UNDER TCFS

I to X- VILLAGES INSIDE THE ESZ.

1 to 13- ESZ BOUNDARY.

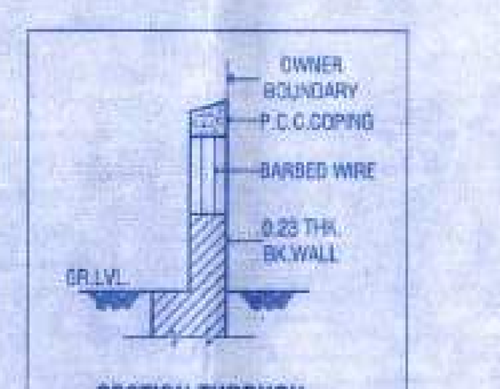

LAYOUT PLAN
80.0 M. WIDE GHODBUNDER ROAD
STAMP OF APPROVAL
Validity unknown
DELETED



PLOT AREA DIAGRAM
SCALE = 1:200

AREA STATEMENT

AS PER 7/12		TOTAL PLOT AREA AS PER ▲ METHOD	AREA CONSIDER FOR SUBDIVISION APPROVAL	AREA UNDER 60.00 M. W. G. B. ROAD	AREA NOT IN POSSESSION	NET PLOT AREA
6020.00		6687.74	6020.00	1955.84	36.49	4027.67
11200.00 H. NO.5		12118.61	11200.00	237.03	364.85	10598.12
TOTAL	17220.00	18726.35	17220.00	2192.87	401.34	14625.79



SECTION THROUGH COMPOUND WALL

AREA CALCULATION OF NOT IN POSSESSION :

S. NO. 141, H. NO. 5

m	0.50	X	9.51	X	4.27	=	20.30	
n	0.50	X	9.51	X	4.86	=	23.10	
o	0.50	X	8.93	X	0.67	=	5.18	
p	0.50	X	26.43	X	7.42	=	98.06	
q	0.50	X	26.76	X	4.57	=	61.15	
r	0.50	X	27.21	X	1.87	=	25.44	
s	0.50	X	27.39	X	1.03	=	14.11	
t	0.50	X	27.39	X	0.57	=	7.81	
u	0.50	X	27.26	X	1.55	=	21.13	
v	0.50	X	25.90	X	1.36	=	17.61	
w	0.50	X	23.80	X	3.51	=	41.77	
x	0.50	X	13.26	X	1.91	=	12.66	
y	0.50	X	7.53	X	4.39	=	16.53	
TOTAL						=	364.85	SQ.M

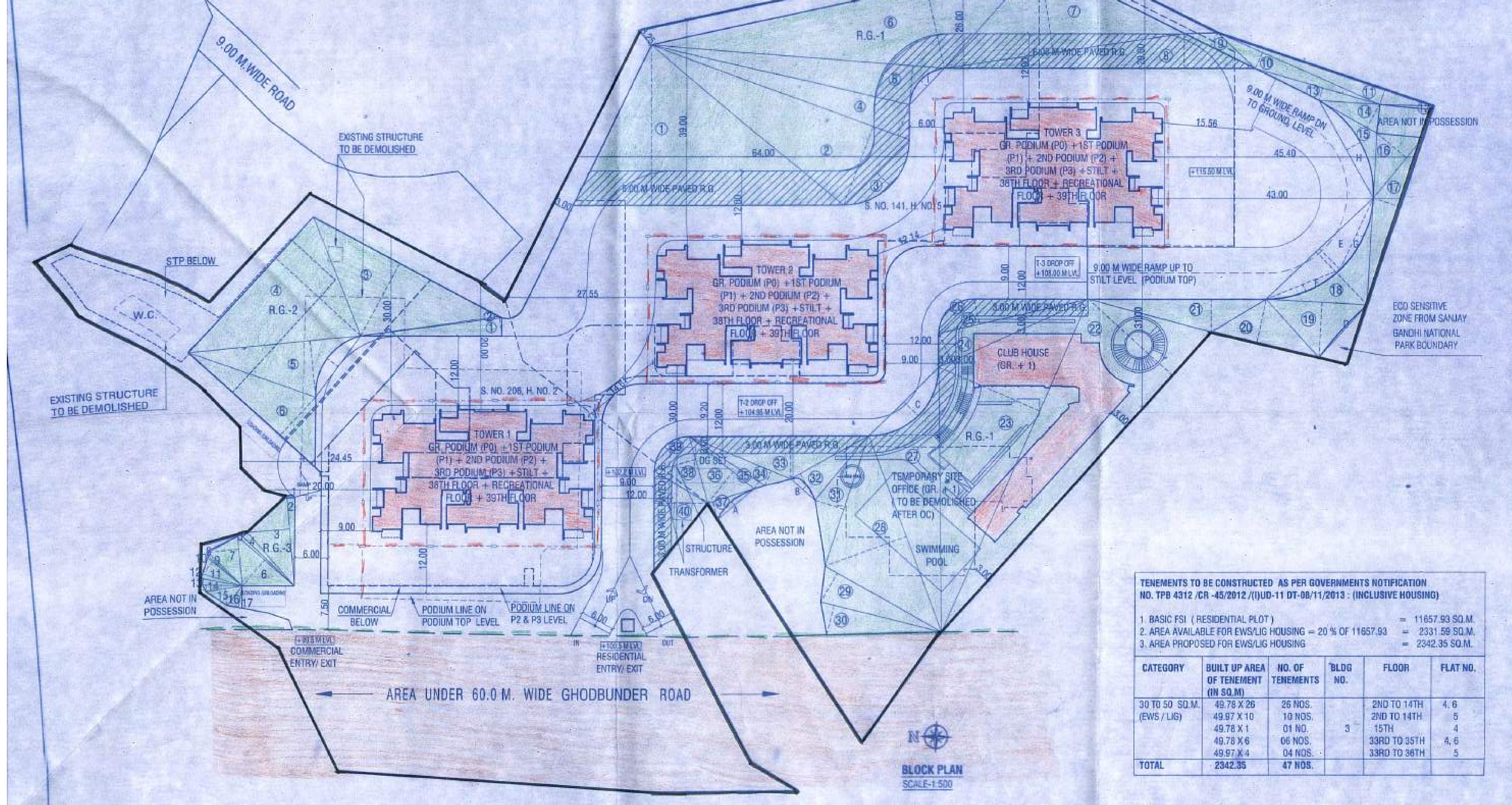
11516.92 + 237.03 + 364.85 = 12118.80 SQ.M.

AREA CALCULATION OF NOT IN POSSESSION :

S. NO. 206, H. NO. 2

a	0.50	X	7.96	X	1.05	=	4.18	
b	0.50	X	7.62	X	1.87	=	7.12	
c	0.50	X	5.24	X	2.74	=	7.18	
d	0.50	X	9.70	X	1.10	=	5.34	
e	0.50	X	5.36	X	0.68	=	1.82	
f	0.50	X	1.47	X	1.02	=	0.75	
g	0.50	X	2.49	X	0.36	=	0.45	
h	0.50	X	6.75	X	1.28	=	4.32	
i	0.50	X	4.85	X	0.16	=	0.39	
j	0.50	X	3.83	X	0.18	=	0.34	
k	0.50	X	6.32	X	1.25	=	3.95	
l	0.50	X	6.87	X	0.19	=	0.65	
TOTAL						=	36.49	SQ.M

4614.71 + 1955.84 + 36.49 = 6607.04 SQ.M.



BLOCK PLAN
SCALE-1:500

BUILT UP AREA STATEMENT (AS PER TMC DCR) :

TOWER NO.	BLDG DESCRIPTION	NO. OF FLOORS	BUILT UP AREA TYPICAL FLOOR (IN SQ.M.)	TOTAL BUILT UP AREA (IN SQ.M.)
1	GR. PODIUM+ 1ST PODIUM + 2ND PODIUM + 3RD PODIUM + STILT + 33 FLOORS	STILT & 1ST	215.65 X 2 = 431.30	
		2ND, 4TH TO 6TH, 8TH TO 11TH, 13TH TO 16TH, 18TH TO 21ST, 23RD TO 26TH, 28TH TO 31ST TYPICAL FLOORS	395.52 X 24 = 9492.48	
		3RD, 7TH, 12TH, 17TH, 22ND, 27TH & 32ND REFUGE FLOORS	331.23 X 7 = 2318.61	12242.39
2	GR. PODIUM+ 1ST PODIUM + 2ND PODIUM + 3RD PODIUM + STILT + 33 FLOORS	STILT & 1ST	215.65 X 2 = 431.30	
		2ND, 4TH TO 6TH, 8TH TO 11TH, 13TH TO 16TH, 18TH TO 21ST, 23RD TO 26TH, 28TH TO 31ST TYPICAL FLOORS	395.44 X 24 = 9490.56	
		3RD, 7TH, 12TH, 17TH, 22ND, 27TH & 32ND REFUGE FLOORS	331.23 X 7 = 2318.61	12240.47
3	GR. PODIUM+ 1ST PODIUM + 2ND PODIUM + 3RD PODIUM + STILT + 33 FLOORS	STILT & 1ST	215.65 X 2 = 431.30	
		2ND, 4TH TO 6TH, 8TH TO 11TH, 13TH & 14TH	217.66 X 10 = 2176.60	
		15TH	307.43 X 1 = 307.43	
		16TH, 18TH & 19TH	352.24 X 3 = 1056.72	
		20TH, 21ST, 23RD TO 26TH, 28TH TO 31ST	395.44 X 10 = 3954.40	
		3RD, 7TH, 12TH REFUGE FLOORS	217.06 X 3 = 651.18	
		17TH REFUGE FLOOR	306.67 X 1 = 306.67	
		22ND, 27TH, 32ND REFUGE FLOOR	331.23 X 3 = 993.69	9877.99
	COMMERCIAL - GROUND + 1	GROUND (P0)	1093.60 X 1 = 1093.60	
		1ST (P1)	786.40 X 1 = 786.40	1880.00
	TOTAL PROPOSED BUILT UP AREA			36240.85
	RESIDENTIAL BUILT UP AREA			34360.85

PROPOSED BUILT UP AREA STATEMENT (EWS) (AS PER TMC DCR)		AREA IN SQ.M. BUILT UP AREA RESIDENTIAL	TOTAL BUILT UP AREA
TOWER 3 (EWS)	2ND , 4TH TO 6TH, 8TH TO 11TH, 13TH & 14TH TYPICAL FLOOR	149.53 X 10 = 1495.30	
	3RD, 7TH, 12TH REFUGE FLOOR	99.57 X 3 = 298.71	
	15TH FLOOR	49.78 X 1 = 49.78	1843.79
PROPOSED RESIDENTIAL BUILT UP AREA		= 1843.79 SQ.M.	

TENEMENT STATEMENT (AS PER TMC DCR):

NO. BLDG	TENEMENT LESS THAN 35 sq.m.	TENEMENT 35 TO 50 sq.m.	TENEMENT 50 TO 75 sq.m.	ABOVE 75 sq.m.	TOTAL
1	--	--	185	--	185 NO.
2	--	--	185	--	185 NO.
3	--	13	135	--	148 NO.
TOTAL	--	13 NO	505 NO.	--	518 NO.

STAIRCASE AREA SUMMARY (AS PER TMC DCR):

TOWER	FLOORS	FIRE STAIR. AREA	BALANCE STAIR. AREA	TOTAL AREA
1	GROUND PODIUM + P1 + P2 + P3 + STILT + 33	1336.84	3887.45	5224.29
2	GROUND PODIUM + P1 + P2 + P3 + STILT + 33	1336.84	3887.45	5224.29
3	GROUND PODIUM + P1 + P2 + P3 + STILT + 33	1341.70	4040.07	5381.77
	COMMERCIAL GR. +1ST		176.55	176.55
	CLUBHOUSE GR. + 1ST		36.99	36.99
TOTAL STAIRCASE AREA		4015.38	12028.51	16043.89

REQUIRED PARKING STATEMENT (AS PER TMC DCR)

DESCRIPTION	NOS. OF FLAT	UNIT PARKING	REQD.
LESS THAN 35 SQ.M.	NIL	NIL	NIL
35 TO 50 SQ.M. FLATS	13 NOS	1 PARK / 2 FLAT	7 NOS
50 TO 75 SQ.M. FLATS	505 NOS	1 PARK / 1 FLAT	505 NOS
ABOVE 75 SQ.M.	NIL	2 PARK / 1 FLAT	NIL
TOTAL	518 NOS		512 NOS.
10% VISITORS			51 NOS.
COMMERCIAL AREA = 1880.00 SQ.M. - 400.00 / 25			16 NOS.
1480.00 / 50			30 NOS.
AMENITY AREA = 405.50 SQ.M. - 405.50 / 50			08 NOS.
TOTAL 4 WHEELER PARKING REQUIRED= 512 +51 + 16 + 30 + 08 ..... (A)			617 NOS.

REQUIRED PARKING STATEMENT FOR EWS (AS PER TMC DCR)

DESCRIPTION	NOS. OF FLAT	UNIT PARKING	REQD.
LESS THAN 35 SQ.M.	NIL	NIL	NIL
35 TO 50 SQ.M. FLATS	37 NOS	1 PARK / 2 FLAT	19 NOS
50 TO 75 SQ.M. FLATS		1 PARK / 1 FLAT	NIL
ABOVE 75 SQ.M.	NIL	2 PARK / 1 FLAT	NIL
TOTAL	37 NOS		19 NOS
10% VISITORS			02 NOS
TOTAL 4WHEELER PARKING REQUIRED ..... (B)			21 NOS
TOTAL 4WHEELER PARKING REQUIRED.... (A +B) (617 + 21)			638 NOS

2 WHEELER PARKING REQUIREMENT (1 FLAT 1PARK) TOTAL NO. OF FLAT= 518 NOS.	518 NOS.
COMMERCIAL AREA = 1880.00 / 20 = 94 NOS.	94 NOS.
AMENITY AREA = 405.50 / 100 = 04 NOS.	04 NOS.
TOTAL 2 WHEELER PARKING REQUIRED = 518 + 94 + 04 .... (C)	616 NOS
2 WHEELER PARKING REQUIREMENT FOR EWS (1 FLAT 1PARK) TOTAL NO. OF FLAT= 37 NOS. ..... (D)	37 NOS.
TOTAL 2WHEELER PARKING REQUIRED.... (C+D) (616 + 37)	653 NOS

TENEMENTS TO BE CONSTRUCTED AS PER GOVERNMENTS NOTIFICATION NO. TPS 1812 /981/CR-250 /13/UD-13 / DT-03/06/2016 :

1. BASIC PERMISSIBLE FSI OF I TO R PLOT = 3987.39 SQ.M.
2. 20 % OF BASIC FSI FOR RESIDENTIAL UNITS UP TO BUILT UP AREA UP TO 50.00 SQ.M. = 20 % OF 3987.39 = 797.48 SQ.M.

PROPOSED BUILT UP AREA STATEMENT (TOWER 1, 2 & 3 - 33 TO 39 FLOORS AS PER UDCPR) :

BLDG NO.	BLDG. DESCRIPTION	NOS. OF FLOORS	BUILT UP AREA PER FLOOR (IN SQ.M.)					TOTAL BUILT UP AREA (IN SQ.M.)	HEIGHT (IN MT.)
1	GR. PODIUM+ 1ST PODIUM + 2ND PODIUM + 3RD PODIUM + STILT + 38TH FLOOR + RECREATIONAL FLOOR + 39TH FLOOR	33RD TO 36TH, 38TH TYPICAL FLOOR	637.01	X	5	=	3185.05	4115.73	141.95
		37TH REFUGE FLOOR	584.46	X	1	=	584.46		
		39TH FLOOR	346.22	X	1	=	346.22		
2	GR. PODIUM+ 1ST PODIUM + 2ND PODIUM + 3RD PODIUM + STILT + 38TH FLOOR + RECREATIONAL FLOOR + 39TH FLOOR	33RD TO 36TH, 38TH TYPICAL FLOOR	637.01	X	5	=	3185.05	4115.73	141.95
		37TH REFUGE FLOOR	584.46	X	1	=	584.46		
		39TH FLOOR	346.22	X	1	=	346.22		
3	GR. PODIUM+ 1ST PODIUM + 2ND PODIUM + 3RD PODIUM + STILT + 38TH FLOOR + RECREATIONAL FLOOR + 39TH FLOOR	33RD FLOOR	468.26	X	1	=	468.26	3409.05	141.95
		34TH & 35TH FLOOR	434.14	X	2	=	868.28		
		36TH FLOOR	533.71	X	1	=	533.71		
		37TH REFUGE FLOOR	555.57	X	1	=	555.57		
		38TH FLOOR	637.01	X	1	=	637.01		
		39TH FLOOR	346.22	X	1	=	346.22		
	DRIVER'S ROOM AT P3 LEVEL		17.27	X	1	=	17.27	17.27	
	TOTAL PROPOSED RESIDENTIAL BUILT UP AREA							11657.78	

PROPOSED EWS BUILT UP AREA STATEMENT (TOWER 3 - AS PER UDCPR)

BLDG. NO.	NOS. OF FLOORS	BUILT UP AREA PER FLOOR (IN SQ.M.)					TOTAL BUILT UP AREA (IN SQ.M.)
3	33RD TO 35TH FLOOR	149.53	X	3	=	448.59	498.56
	36TH FLOOR	49.97	X	1	=	49.97	

PROPOSED TENEMENT STATEMENT (TOWER 1, 2 & 3 - 33 TO 39 FLOORS AS PER UDCPR) :

TOWER	RERA CARPET TENEMENTS LESS THAN 30 SQ.M.	TENEMENTS 30 TO 40 SQ.M.	TENEMENTS 40 TO 80 SQ.M.	TENEMENTS 80 TO 150 SQ.M.	TENEMENTS 150 SQ.M. AND ABOVE	TOTAL
1	----	----	35	----	----	35
2	----	----	35	----	----	35
3	----	----	35	----	----	35
TOTAL	----	----	105	----	----	105

PARKING REQUIREMENT (TOWER 1, 2 & 3 - 33 TO 39 FLOORS AS PER UDCPR) :

BUILDING	USER	TENEMENT/ AREA (SQM.) / NO. OF SEATS	NO. OF TENEMENT / AREA (SQ.M)	4 WHEELER / LOADING & UNLOADING PARKING REQUIREMENT UNIT	2 WHEELER PARKING REQUIREMENT UNIT	REQUIRED 4 WHEELER	REQUIRED 2 WHEELER
TOWER 1, 2, 3 (33 TO 39 FLOORS)	RESIDENTIAL	LESS THAN 30.00		NIL	4 PARKING / 2 FLATS	0	0
		30.00 - 40.00		1 PARKING / 2 FLATS	2 PARKING / 2 FLATS	0	0
		40.00 - 80.00	105	1 PARKING / 2 FLATS	5 PARKING / 2 FLATS	53	263
		80.00 - 150.00		1 PARKING / 1 FLATS	3 PARKING / 1 FLATS	0	0
		ABOVE 150.00		2 PARKING / 1 FLATS	3 PARKING / 1 FLATS	0	0
		TOTAL	105			53	263
A	REQUIREMENT FOR RESIDENTIAL					53	263
B	5% VISITORS (RESI. BLDG.)					3	13
C (A+B)	TOTAL REQUIREMENT FOR RESIDENTIAL					56	276

SR. NO.		A	B
1	TOTAL PARKING REQUIREMENT	694	929
2	6 SCOOTERS CAN BE CONVERTED IN 1 CAR (250/6 = 42)	42	250
3	ADDITIONAL CAR PARKING CAN BE SHOWN UPTO 50% (736/5 = 368)	42	
4	TOTAL 4 WHEELER PARKING TO BE PROVIDED INCLUDING VISITORS (1+2+3)	778	
5	TOTAL 2 WHEELER PARKING TO BE PROVIDED INCLUDING VISITORS (1-2)		679

PARKING STATEMENT :

LOCATION PLAN
SCALE- NTS

COVERED BUILT UP AREA STATEMENT :

SR. NO.	BLDG. DESCRIPTION	F.S.I.	AREA	BALCONY	FIRE STAIRCASE AREA	BALANCE STAIRCASE AREA	C.B.	REFUGE AREA	RECREA-TIONAL FLOOR	ENTRANCE LOBBY	SOCIETY OFFICE	SERVANT TOILET	FIRE CONTROL ROOM	STILT AREA	TOTAL
		A	B	C	D	E	F	G	I	J	K	L	M	N	A TO N
1	BUILDING 1 - GR. PODIUM + P1 + P2 + P3 + STILT TO 39 FLOORS	16358.12		1206.33	1336.84	3887.45	56.73	673.20	537.54	51.61	19.74	4.58	5.70	169.91	24307.75
2	BUILDING 2 - GR. PODIUM + P1 + P2 + P3 + STILT TO 39 FLOORS	16356.20		1208.25	1336.84	3887.45	56.73	673.20	537.54	51.61	19.74	4.58	5.70	169.91	24307.75
3	BUILDING 3 - GR. PODIUM + P1 + P2 + P3 + STILT TO 39 FLOORS	13287.04		952.78	1341.70	4040.07	23.79	617.92	537.54	51.61	19.74	4.58	5.70	169.91	21052.38
4	COMMERCIAL	1880.00				176.55									2056.55
5	EWS (TOWER 3)		2342.35												2342.35
6	AMENITY (P1)		405.50												405.50
7	CLUB HOUSE		524.94			36.99									561.93
8	GROUND PODIUM (P0)		1955.83												1955.83
9	1ST PODIUM (P1)		5457.85												5457.85
10	2ND PODIUM (P2)		8511.96												8511.96
11	3RD PODIUM (P3)	17.27	7742.68												7759.95
	TOTAL CONSTRUCTION AREA	47898.63	26941.11	3367.36	4015.38	12028.51	137.25	1964.32	1612.62	154.83	59.22	13.74	17.10	509.73	98719.80

PROFORMA - I AREA STATEMENT

PROPOSED DEVELOPMENT ON PLOT BEARING S. NO. 141/5, 206/2 AT VILLAGE KAVESAR, TAL & DIST. THANE

DRAWING SHEET NO: 01 / 26

STAMPS OF APPROVAL OF PLANS:

AREA STATEMENT

SR. NO.	DESCRIPTION	AREA IN SQ.M. I TO R 206/2	R 141/5	TOTAL
1	AREA OF PLOT (AS PER 7/12 EXTRACTS)	6020.00	11200.00	17220.00
2	DEDUCTION FOR			
	A. AREA NOT IN POSSESSION	36.49	364.85	401.34
3	Balance plot area (1 – 2)	5983.51	10835.15	16818.66
4	DEDUCTION FOR			
	A. AREA UNDER 60.0 M. WIDE G.B. ROAD	1955.84	237.03	2192.87
5	BALANCE PLOT AREA (3 – 4)	4027.67	10598.12	14625.79
6	AMENITY OPEN SPACE 'I' TO 'R'	10 % of (5) 402.77		402.77
7	BALANCE AREA OF PLOT	3624.90	10598.12	14223.02
8	DEDUCTION FOR 15% R.G. AS PER RULE ON (7)	0.00	0.00	0.00
9	NET PLOT AREA (7- 8)	3624.90	10598.12	14223.02
10	PERMISSIBLE FSI	1.10	1.10	1.10
11	PERMISSIBLE FLOOR AREA (9 X 10)	3987.39	11657.93	15645.33
	ADDITION FOR			
	A. ADDITIONAL FSI (ON PAYMENT OF PREMIUM = 0.5 ON (3) = 8409.33 (4266.91 ALREADY UTILISED)			4266.91
	TO BE UTILISED			3703.00
12	B. FSI CREDIT AVAILABLE BY DEVELOPMENT RIGHTS = 1.4 ON (3) = 23546.12 OUT OF WHICH 30% IS SLUM TDR = 7063.84 AND 70% IS NON SLUM TDR = 16482.29			
	A. DR GENERATED FROM AREA UNDER ROAD			4385.74
	B. DR GENERATED FROM AOS			805.53
	C. TDR FROM DRC 264 (RESERVATION)			10738.50
	D. TDR FROM DRC 42 (CONSTRUCTED AMENITY)			3982.45
	TOTAL (A+B)			27882.13
13	TOTAL PERMISSIBLE FLOOR AREA (11 + 12)			43527.46
	BUILT UP AREA AS PER TMC DCR			36240.85
14	A. RESIDENTIAL			34360.85
	B. COMMERCIAL			1880.00
15	BALANCE BUA (13 – 14)			7286.61
	TOTAL ENTITLEMENT OF FSI IN PROPOSAL			
	A. ABOVE (13)			43527.46
16	B. ANCILLARY AREA FSI UPTO 60% FOR RESIDENTIAL WITH PAYMENT OF CHARGES (11657.78/1.6 = 7286.11) 60% OF 7286.11			4371.67
	TOTAL PERMISSIBLE ENTITLEMENT OF FSI (A + B)			47899.13
	A. BUILT UP AREA AS PER TMC DCR			36240.85
17	B. PROPOSED BUILT UP AREA AS PER PLINE			11657.78
	TOTAL (A+B)			47898.63
18	FSI CONSUMED (17/16)			1.00
19	BALANCE BUA (16-17)			0.50
20	ANCILLARY AREA UTILISED (17-13)			4371.17

NOTES

BOUNDARY OF THE PLOT SHOWN IN THICK BLACK
PROPOSED WORK SHOWN IN RED
DRAINAGE LINE SHOWN IN RED DOTTED
PROPOSED R. G. SHOWN IN GREEN
SET BACK LINE SHOWN IN GREEN DOTTED
EXISTING ROAD LINE SHOWN IN GREEN
EXISTING STRUCTURE TO BE DEMOLISHED SHOWN IN YELLOW

CONTENTS OF SHEET

LAYOUT, LOCATION PLAN, SECTION THRU COMP. WALL, R.G. CALCULATIONS, F.S.I. STATEMENT & SECTION.

Plans are approved Subject to conditions Prescribed in Permit No. V.P. S06/0310/18, TMC/TD-DP/TPS/3948/22 Dated 9/2/22

Deputy Engineer (TDD)
Executive Engineer (TDD)
Thane Municipal Corporation
The City of Thane

सावधान
"मंजूर नकाशानुसार बांधकाम न करणे तसेच विकास नियंत्रण नियमावलीनुसार आवश्यक त्या परवानग्या न घेता बांधकाम वापर करणे, महाराष्ट्र प्रादेशिक व नगर रचना अधिनियमाचे कलम ५२ अनुसार दखलपात्र गुन्हा आहे. त्यासाठी जास्तीत जास्त ३ वर्षे कैद व रु. ५०००/- दंड होऊ शकतो"

CERTIFICATE OF AREA :

CERTIFIED THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON AND THE DIMENSIONS OF THE SIDES ETC. OF THE PLAN ARE AS MEASURED ON SITE AND AREA SO WORKED OUT TALLIES WITH THE AREA STATED IN THE DOCUMENTS OF OWNERSHIP.

SIGNATURE OF ARCHITECT

OWNER'S DECLARATION :

I/WE UNDERSIGNED HEREBY CONFIRM THAT I/WE WOULD ABIDE BY PLANS APPROVED BY AUTHORITY / COLLECTOR. I/WE WOULD EXECUTE THE STRUCTURE AS PER APPROVED PLANS. ALSO I/WE WOULD EXECUTE THE WORK UNDER SUPERVISION OF PROPER TECHNICAL PERSON SO AS TO ENSURE THE QUALITY AND SAFETY AT THE WORK SITE.

OWNER (S) NAME AND SIGNATURE

DESCRIPTION OF PROPOSAL :

PROPOSED DEVELOPMENT ON PLOT BEARING S. NO. 141/5, 206/2 AT VILLAGE KAVESAR, TAL & DIST. THANE

NAME & ADDRESS OF OWNER / P.O.A.H :

M/S GODREJ MACBRIKS PVT. LTD.
GODREJ ONE, 5TH FLOOR, PIROJSHANAGAR,
EASTERN EXPRESS HIGHWAY, VIKHROLI - EAST.
MUMBAI - 400 079.

SIGNATURE OF OWNER/ P.O.A.H. | SIGNATURE OF ARCHITECT

ARCHITECT NAME & ADDRESS :

SAAKAR ARCHITECTS
2ND FLOOR, NAKSHATRA, A WING,
NEAR TMC, ALMEIDA ROAD,
PANCHPAKHADI, THANE (W). 400 602
PHONE - 2537 8701, TELEFAX - 2536 4700
E MAIL - saakaararchitects@yahoo.co.in

DRG. NO.	SCALE	DATE	DRN. BY	CHKD. BY	REGISTRATION NO. OF ARCHITECT
C-838/2021/M/01	AS SHOWN	12/01/2022	NIHARIKA		CA/92/14860

\\server\Saakar12\Cad Drawings\Godrej - Kavesar\2. MUNICIPAL\8. Amendment as per UDCPR\1. LAYOUT

THANE MUNICIPAL CORPORATION

(Regulation No.3 & 24)

SANCTION OF DEVELOPMENT

PERMISSION CERTIFICATE

VP No : **S06/0310/18 Revised** No : **TMC/TDD/3330/20** Date : **10/1/2020**

Building Details

Building Name :1 (BUILDING) Building Use :Resi_Commercial

Name of PWork :1-1 (BUILDING)

Floor Name :GROUND FLOOR, FIRST PODIUM FLOOR, SECOND PODIUM FLOOR, THIRD PODIUM FLOOR, STILT FLOOR, FIRST FLOOR, SECOND FLOOR, THIRD FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR, SEVENTH FLOOR, EIGHTH FLOOR, NINTH FLOOR, TENTH FLOOR, ELEVENTH FLOOR, TWELFTH FLOOR, THIRTEENTH FLOOR, FOURTEENTH FLOOR, FIFTEENTH FLOOR, SIXTEENTH FLOOR, SEVENTEENTH FLOOR, FIRE CHECK FLOOR, EIGHTEENTH FLOOR, NINETEENTH FLOOR, TWENTIETH FLOOR, TWENTYFIRST FLOOR, TWENTYSECOND FLOOR, TWENTYTHIRD FLOOR, TWENTYFOURTH FLOOR, TWENTYFIFTH FLOOR, TWENTYSIXTH FLOOR, TWENTYSEVENTH FLOOR, TWENTYEIGHTH FLOOR, TWENTYNINTH FLOOR, THIRTIETH FLOOR, THIRTYFIRST FLOOR, THIRTYSECOND FLOOR, SERVICE FLOOR, FITNESS CENTER FLOOR

Building Name :2 (BUILDING) Building Use :Resi_Commercial

Name of PWork :2-1 (BUILDING)

Floor Name :GROUND FLOOR, FIRST PODIUM FLOOR, SECOND PODIUM FLOOR, THIRD PODIUM FLOOR, STILT FLOOR, FIRST FLOOR, SECOND FLOOR, THIRD FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR, SEVENTH FLOOR, EIGHTH FLOOR, NINTH FLOOR, TENTH FLOOR, ELEVENTH FLOOR, TWELFTH FLOOR, THIRTEENTH FLOOR, FOURTEENTH FLOOR, FIFTEENTH FLOOR, SIXTEENTH FLOOR, SEVENTEENTH FLOOR, FIRE CHECK FLOOR, EIGHTEENTH FLOOR, NINETEENTH FLOOR, TWENTIETH FLOOR, TWENTYFIRST FLOOR, TWENTYSECOND FLOOR, TWENTYTHIRD FLOOR, TWENTYFOURTH FLOOR, TWENTYFIFTH FLOOR, TWENTYSIXTH FLOOR, TWENTYSEVENTH FLOOR, TWENTYEIGHTH FLOOR, TWENTYNINTH FLOOR, THIRTIETH FLOOR, THIRTYFIRST FLOOR, THIRTYSECOND FLOOR, SERVICE FLOOR, FITNESS CENTER FLOOR

Building Name :3 (BUILDING) Building Use :Resi_Commercial

Name of PWork :3-1 (BUILDING)

Floor Name :GROUND FLOOR, FIRST PODIUM FLOOR, SECOND PODIUM FLOOR, THIRD PODIUM FLOOR, STILT FLOOR, FIRST FLOOR, SECOND FLOOR, THIRD

	FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR, SEVENTH FLOOR, EIGHTH FLOOR, NINTH FLOOR, TENTH FLOOR, ELEVENTH FLOOR, TWELFTH FLOOR, THIRTEENTH FLOOR, FOURTEENTH FLOOR, FIFTEENTH FLOOR, SIXTEENTH FLOOR, SEVENTEENTH FLOOR, FIRE CHECK FLOOR, EIGHTEENTH FLOOR, NINETEENTH FLOOR, TWENTIETH FLOOR, TWENTYFIRST FLOOR, TWENTYSECOND FLOOR, TWENTYTHIRD FLOOR, TWENTYFOURTH FLOOR, TWENTYFIFTH FLOOR, TWENTYSIXTH FLOOR, TWENTYSEVENTH FLOOR, TWENTYEIGHTH FLOOR, TWENTYNINTH FLOOR, THIRTIETH FLOOR, THIRTYFIRST FLOOR, THIRTYSECOND FLOOR, SERVICE FLOOR, FITNESS CENTER FLOOR

To,

Rakesh Jiyalal Deshavare (CA/87/11149)	**(Architect)**
Ashank Macbricks Private Limited, Ashank Macbricks Private Limited	**(Owner)**
Ashank Macbricks Private Limited, Ashank Macbricks Private Limited	**(Power of Attorney Holder)**

Sir,

With reference to your application No S06/0310/18 dated 2/12/2019 development permission / grant of commencement certificate under section 45 & 69 of The Maharastra Regional and Town Planning Act, 1966 to carry out development work and or to errect building No ……. in Sector: Sector 6, Village :- KAVESAR, Survey No / H No. :- 206/2,141/5, development permission/the Commencement Certificate is granted subject to the following conditions.

1) The land vacated in consequence of the enforcement of the set back line shall form part of the public street.
2) No new building or part thereof shall be occupied or allowed to be occupied or permitted to be used by any person until Occupancy permission has been granted.
3) The Development permission/Commencement Certificate shall remain valid for a period of one year commencing from the date of its issue.
4) This permission does not entitle you to develop the land which does not vest in you.
5) This permission is being issued as per the provisions of sanctioned Development Plan and Development Control Regulations. Any other statutory permissions, as required from State and Central Govt. Departments/ undertakings shall be taken by the applicant. If any irregularity is found at later date, the permission shall stand cancelled
6) Necessary Charges shall be paid to TMC as and when become due
7) Necessary permissions from revenue department, required for development of land shall be taken as per Maharashtra Land Revenue Code and prevailing policies
8) Thane Municipal Corporation will not supply water for construction
9) Applicant will remain responsible for any disputes regarding Ownership and boundary of plot & approach road.
10) Permissions/Clearances/NOCs from other Government Department, if any required, shall be obtained by the Applicant at appropriate stages.
11) Structural Designs as per IS: 1983, IS: 4326 and Drawings from RCC Consultant should be submitted before CC. if not submitted.
12) Solar Water heating system should be installed before applying for occupation certificates.
13) CCTV System shall be installed before applying for occupation certificates.
14) Rain water harvesting system should be installed before applying for occupation certificates.

15) Organic Waste Composting System shall be installed before applying for occupation certificate
16) Vacant Land tax shall be paid before Commencement Notice
17) All site safety arrangements to be made while construction phase.
18) It is mandatory to implement Vector Borne Diseage Action plan.
19) CFO NOC should be submitted before commencement certificate & occupation certificate, if applicable.
20) Information Board to be displayed at site till Occupation Certificate.
21) Registered Declaration and possession receipt regarding area to be handed over to the Corporation before Commencement Notice and Record of Rights of the same should be transferred on T.M.C name before Plinth Certificate, if applicable.
22) The proposed building should be structurally designed by considering seismic forces as per B.S. Code No.1893 & 4326 & certificate of structural stability should be submitted at the stage of plinth & Occupation Certificate.
23) Regularization for waste water Treatment & Recycling as per Govt. Resolution dated 15 th Jan 2016 is applicable & to be complied prior to applying for Occupation Certificate where STP is mandatory.
24) It is necessary to submit 'Status of Work' every three months by Architect & Applicant.
25) Design & drawings from Service consultant for storm water drainage should be submitted before Commencement Certificate and completion certificate before applying for occupation certificate.
26) If the no of female labours on site are more than 10, then babysitting & other arrangements are to be provided for their Children,
27) Boundary wall should be constructed before Plinth Certificate.
28) Lift Certificate from PWD should be submitted before Occupation Certificate, if applicable.
29) Letter box should be installed on Ground floor for all flats before Occupation Certificate.
30) Sanad from Collector Office should be submitted before applying Occupation Certificate.
31) If any permissions/NOCs from other Government department should be obtained by Applicant, if applicable.

WARNING: PLEASE NOTE THAT THE DEVELOPMENT IN CONTRAVENTION OF THE PPROVED PLANS AMOUNTS TO COGNASIBLE OFFENCE PUNISHABLE UNDER THE MAHARASHTRA REGIONAL AND TOWN PLANNING ACT, 1966.

Conditions

1	Condition Mentioned in Permission No. TMC/TDO/3238/19 dt. 5.11.2019 will be binding.
2	According to Affidavit dated 1.1.2020 submitted by applicant, he as requested to utilise regular TDR in lieu of slum TDR as it was not available to him from Market.

A : To be complied before Commencement Certificate

1	Aggrement for Construction Amenity must be registered before CC
2	RCC Consultant Structural Certificate and Drawing must be submitted before CC.
3	Artificial Light and Mechanical Ventilation must be installed for Shop No. 7, Office No.3, 4, 5, 6 & 7 before OC
4	Stack parking must be installed before first OC.

Name : Shailendra P Bendale
Designation : TDPO
Date : 10-Jan-2020 11:19
Organization : Thane Municipal Corporation
Certificate : 22D31FAD02027E8B
Permission No :

Office No.....

Office Stamp.....

Thane Municipal Corporation.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:February 28, 2020

To,
M/s. Ashank Macbricks Pvt. Ltd. (Mr. Rajib Das- Director)
at Plot bearing S. No. 206/2 & 141/5

Subject: Environment Clearance for Environmental Clearance (EC) for our Proposed Residential and Commercial Development project at village Kavesar, Thane, State- Maharashtra.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 126th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 187th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category 8 (b) B2 as per EIA Notification 2006.

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

1.Name of Project	Proposed Residential & Commercial Development project at village Kavesar, Thane (W), State-Maharashtra.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Ashank Macbricks Pvt. Ltd. (Mr. Rajib Das- Director)
4.Name of Consultant	M/s. Ultra Tech
5.Type of project	Residential and Commercial Development project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot bearing S. No. 206/2 & 141/5
9.Taluka	Thane
10.Village	Kavesar
Correspondence Name:	M/s. Ashank Macbricks Pvt. Ltd.
Room Number:	Unit No. 303
Floor:	--
Building Name:	Anant Laxmi Chamber
Road/Street Name:	--
Locality:	Shivajinagar
City:	Thane (W) 400099
11.Whether in Corporation / Municipal / other area	Thane Municipal Corporation (T.M.C.)
12.IOD/IOA/Concession/Plan Approval Number	Received Development Permission from T.M.C.
	IOD/IOA/Concession/Plan Approval Number: TMC/TDD/3330/20
	Approved Built-up Area: 38083.26
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	17220.00 Sq.mt.
16.Deductions	2996.98 Sq.mt.
17.Net Plot area	14223.02 Sq. mt.

18 (a).Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** 38083.26 Sq. mt.
	Non FSI area (sq. m.): 50739.85 Sq. mt.
	Total BUA area (sq. m.): 88823.11
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 38083.26
	Approved Non FSI area (sq. m.): 50739.85
	Date of Approval: 10-01-2020
19.Total ground coverage (m2)	9682.71 sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	68.08%
21.Estimated cost of the project	4000000000

22.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

23.Total Water Requirement

Dry season:	**Source of water**	T.M.C./ Tanker water for Swimming pool make up
	Fresh water (CMD):	Domestic: 275 KLD
	Recycled water - Flushing (CMD):	139 KLD
	Recycled water - Gardening (CMD):	33 KLD
	Swimming pool make up (Cum):	8 KLD
	Total Water Requirement (CMD) :	455 KLD
	Fire fighting - Underground water tank(CMD):	1 of tank of capacity 200 KL
	Fire fighting - Overhead water tank(CMD):	3 nos. of tank of total capacity 90 KL
	Excess treated water	151 KLD
Wet season:	**Source of water**	T.M.C./ Partly by RWH/ Tanker water for Swimming pool make up
	Fresh water (CMD):	Domestic: 275 KLD
	Recycled water - Flushing (CMD):	139 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	8 KLD
	Total Water Requirement (CMD) :	455 KLD
	Fire fighting - Underground water tank(CMD):	1 of tank of capacity 200 KL
	Fire fighting - Overhead water tank(CMD):	3 nos. of tank of total capacity 90 KL
	Excess treated water	184 KLD
Details of Swimming pool (If any)	Swimming pool make up water requirement: 8 KLD	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Between 2 m and 13 m below ground surface
	Size and no of RWH tank(s) and Quantity:	3 Nos. of RWH tanks of total capacity 60 KL capacity (i.e. 20 KL each)
	Location of the RWH tank(s):	Below Ground Level
	Quantity of recharge pits:	6 nos. of recharge pits are proposed
	Size of recharge pits :	2.00 mt. dia
	Budgetary allocation (Capital cost) :	Rs. 33.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 1.28 Lacs/annum
	Details of UGT tanks if any :	Location of UG tanks: Below Ground
26.Storm water drainage	**Natural water drainage pattern:**	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD.
	Quantity of storm water:	0.29 m3/sec
	Size of SWD:	600 mm x 900 mm
27.Sewage and Waste water	**Sewage generation in KLD:**	359 KLD
	STP technology:	MBBR (Moving Bed Bio Reactor)
	Capacity of STP (CMD):	1 no. of STP of total capacity 450 KL
	Location & area of the STP:	Location: STP at Below ground (Area: 425 Sq. mt.)
	Budgetary allocation (Capital cost):	Rs. 91.59 Lacs
	Budgetary allocation (O & M cost):	Rs. 16.14 Lacs/annum

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavation earth material shall be partly reused/ recycled and remaining shall be disposed to the authorized land fill site.
	Disposal of the construction waste debris:	Construction waste shall be partly reused/ recycled and remaining shall be disposed to the authorized site with the permission of T.M.C.
Waste generation in the operation Phase:	**Dry waste:**	821 Kg/day
	Wet waste:	548 Kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	54 kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	To T.M.C
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	44 Sq. mt.
	Area for machinery:	12 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 9.00 Lacs
	O & M cost:	Rs. 2.18 Lacs/annum

29.Effluent Charecterestics					
Serial Number	**Parameters**	**Unit**	**Inlet Effluent Charecterestics**	**Outlet Effluent Charecterestics**	**Effluent discharge standards (MPCB)**
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	--	--	--	--	--

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	--	--	--
Source of Fuel		--		
Mode of Transportation of fuel to site		--		

33.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	12798 KW
	During Operation phase (Demand load):	3747 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	1 DG set of 1010 KVA capacity
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

34.Energy saving by non-conventional method:

- Provision of LED Lights in common Area
- Provision of energy efficient motors for Plumbing System
- Provision of Lifts with V3F drive and Regenerative type
- Provision of Solar hot water system
- Provision of Solar PV Modules

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	20%
2	Energy saving due to renewable energy	8 %

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	--	STP
Solid waste	--	Organic Waste Convertor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25.00 Lacs
	O & M cost:	Rs. 1.00 Lacs/annum

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	0.72
2	Air Environment	Air and Noise Monitoring: On site Sensors	2.50
3	Air Environment	Air and Noise Monitoring: By outside MoEF & CC Approved Laboratory	0.22
4	Water Environment	Drinking water analysis	0.03
5	Land Environment	Site Sanitation	1.00
6	Health & Hygiene	Disinfection- Pest Control	1.20
7	Health & Hygiene	Health Check-up of workers	2.70

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.22
2	AIR & NOISE ENVIRONMENT- Cost for DG Stack Exhaust Monitoring	1 no. of stack	No set up cost is involved	0.05
3	AIR & NOISE ENVIRONMENT - Maintenance of sensors For Air & Noise	--	Set up Cost already considered in construction phase	0.50
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	RG area	35.92	1.20
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plant	73.59	15.11
6	WATER ENVIRONMENT – Waste water treatment	Onsite Sensor	18.00	1.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.03
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Recharge pits	18.00	0.90
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	6.00	0.30

10	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	9.00	0.03
11	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	*No set up cost is involved	0.05
12	LAND ENVIRONMENT - Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	9.00	2.10
13	LAND ENVIRONMENT - Solid Waste Management	Environmental Monitoring	No set up cost is involved	0.08
14	ENERGY CONSERVATION - Use of renewable energy	Solar System	25.00	2.00

39.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx 0.87 Km. ; Tungareshwar Wildlife Sanctuary: Approx 5.30 Km.
	Category as per schedule of EIA Notification sheet	8 (b) B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 187th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	Committee noted that, PP has circulated the revised CS,PP to revise the same online also.
II	Committee noted that some part of the plot falls in Sanjay Gandhi National Park, PP to obtain the ESZ NoC for the same.
III	PP to provide clear driveway as per CFO NoC.
IV	PP to upload the SWD remark & sewer NoC.
V	PP to ensure that, internal storm water drains should be open except where it is crossing rods.
VI	PP to upload the revised RG calculation. PP to ensure that, proposed RG should be as per DCR.
VII	PP to provide adequate (1:5) electric charging points/ stations in parking area.
VIII	PP to abide by all conditions laid down in CFO NoC, HRC NoC as & when received.
IX	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.
X	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.
XI	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
XII	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
XIII	SEIAA decided to grant EC for – FSI:38083.26 m2, Non-FSI:50739.85 m2 and Total BUA: 88823.11 m2 (Plan Approval no-VP no. S06/0310/18/TMC/TDD/3330/20, Date-10.01.2020)

General Conditions:

I	E-waste shall bedisposed 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 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.
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 off 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 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.
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 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.
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 off 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, 2003. (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 affluent, 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 affluent, 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 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 gray and black water should be done by the use of dual plumbing line for separation of gray 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 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.

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 nighttime 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.
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.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	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/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.
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://ec.maharashtra.gov.in.
L	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.
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.
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. SO2, NOx (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.
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, and amendments by MoEF&CC Notification dated 29th April, 2015.

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, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER THANE
10. REGIONAL OFFICE MPCB THANE
11. REGIONAL OFFICE MIDC AMBERNATH
12. REGIONAL OFFICE MIDC THANE
13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
14. COLLECTOR OFFICE THANE

ठाणे महानगरपालिका, ठाणे

महानगरपालिका भवन, डॉ. अल्मेडा रोड, चंदनवाडी पाचपाखाडी, ठाणे - ४०० ६०२.
THE MUNICIPAL CORPORATION OF THE CITY OF THANE

संदर्भ क्र./ठा.म.पा./शविवि/विवोअंक-2693 दिनांक -23/03/2018

प्रति,
श्री. जोशी देशावरे (वा.वी)
रा. ए-२/१, ए- विंग अँशर आय टी पार्क
रोड नं १६Z, वागळे ईस्टेट,
ठाणे (प.)

विषय :- मौजे कावेसर येथील सर्व्हे नं. १४१ हि.नं. ५ व सर्व्हे नं. २०६ हि.नं. २ या जमिनीचा झोन दाखला व डि.पी. रिमार्क मिळणेबाबत.

संदर्भ :- आपला दि. १३/०३/२०१८,आवक क्र. १४६५४ चा अर्ज.

महोदय,

संदर्भिय अर्जाच्या अनुषंगाने या कार्यालयाकडील उपलब्ध अभिलेखानुसार विषयांकित जमिनीचे मंजूर सुधारीत विकास योजनेनुसार अभिप्राय खालील प्रमाणे देण्यात येत आहेत.

मौजे कावेसर येथील सर्व्हे नं. १४१ हि.नं. ५ या जमिनीचे काही क्षेत्र घोडबंदर रस्त्याचे नियोजित ६०.००मी. रुंदीकरणाने बाधित होत आहे व उर्वरित जमिनीचे क्षेत्र रहिवास विभागात समाविष्ट होत आहे.

मौजे कावेसर येथील सर्व्हे नं. २०६ हि.नं. २ या जमिनीचे काही क्षेत्र घोडबंदर रस्त्याचे नियोजित ६०.००मी. रुंदीकरणाने बाधित होत आहे व उर्वरित जमिनीचे क्षेत्र औदयोगिक विभागात समाविष्ट होत आहे.

मुख्य वनसंरक्षक व संचालक संजय गांधी राष्ट्रीय उदयान बोरीवली (पुर्व) मुंबई.६६ यांचे कार्यालयाकडील पत्र क्र.कक्ष-ब११/सर्वे/१८१३सन.२०१५-१६दि.१३/१०/२०१५ रोजीचे पत्रासोबतचे तसेच पर्यावरण, वन व जलवायु परिवर्तन मंत्रालय, भारत सरकार यांचे कडील अधिसुचना क्र.२८६१ दि. ५ डिसेंबर २०१६ मधील संजय गांधी राष्ट्रीय उदयानाच्या सभोवताली पर्यावरण संवेदनशील क्षेत्राची हद दर्शविणा-या Eco Sensitive Zone नकाशा नुसार विषयांकीत जमिनीपैकी स.नं. १४१/५ या जमिनीचे भागश: क्षेत्र Eco Sensitive Zone चे परिक्षेत्रात येत आहे. तसेच सदर अधिसुचनेसोबत प्राप्त झालेल्या Eco Sensitive Zone मध्ये अंतर्भुत असलेल्या गावनिहाय यादीत विषयांकित जमिनीपैकी स.नं. १४१पै. या जमिनीचा समावेश आहे.तरी, आपणास उपवनसंरक्षक, ठाणे यांचे कार्यालयाकडील विषयांकीत जमिनीचे Eco Sensitive Zone चे तरतुदी बाबत फेर अभिप्राय घेणे आवश्यक राहतील.

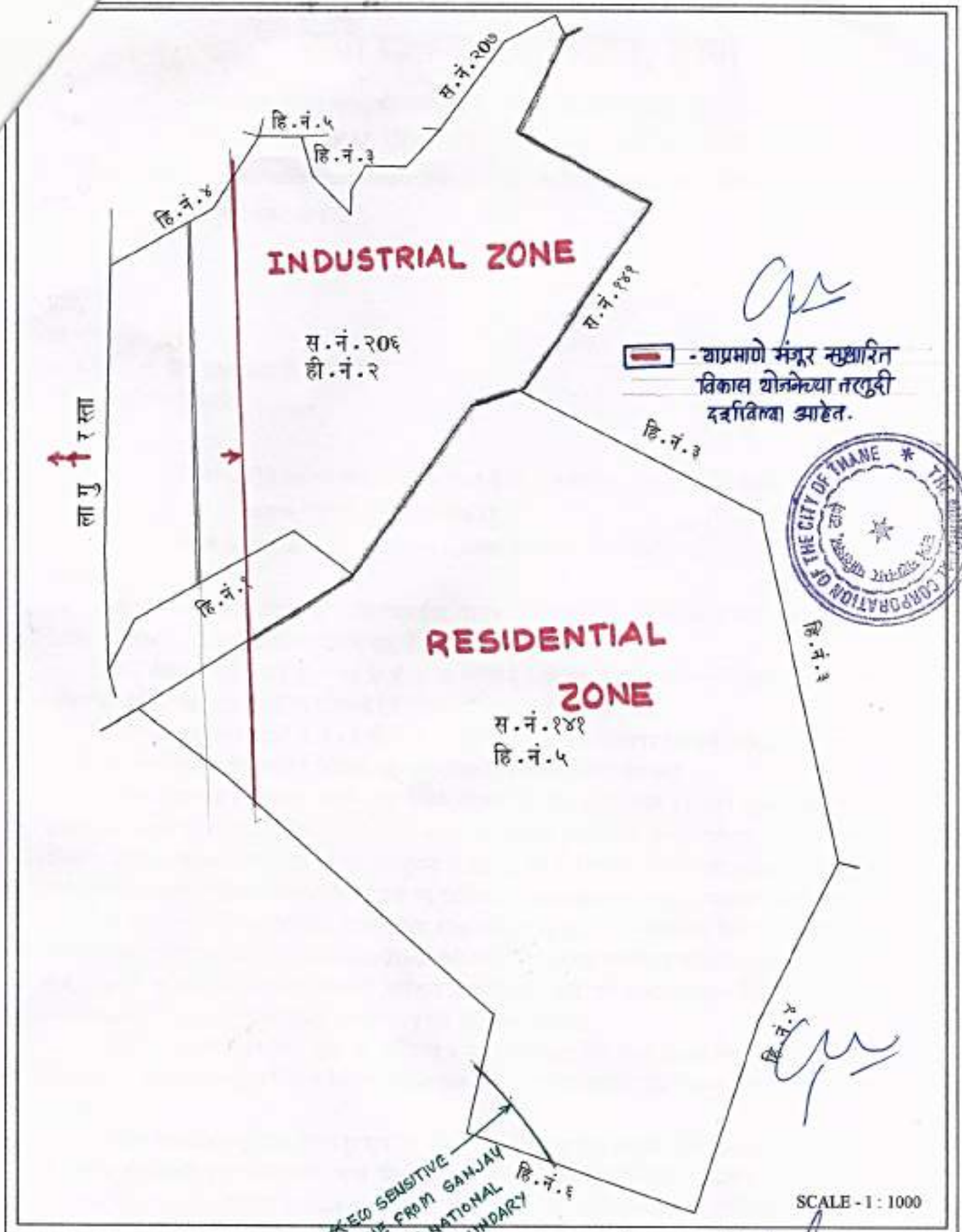
शासनाचे वेळोवेळी निर्गमित होणा-या आदेशास व मा.आयक्त सो.यांनी मंजुर विकास नियंत्रण नियमावलीतील नियम क्र.६९ मधील तरतुदीनुसार मान्य केलेल्या फेरबदलास अधिन राहुन विषयांकित जमिनीबाबत अभिप्राय देण्यात येत आहेत

सोबत विषयांकित जमिनीवरील मंजूर सुधारित विकास योजनेच्या उपरोक्त तरतुदी तसेच Eco Sensitive Zone चे परिक्षेत्र दर्शविणारी हद आपण सदर अर्जा सोबत सादर केलेल्या विषयांकीत जमीनीचे मोजणी नकाशाचे प्रतीवरुन (मो.र.नं. ११८/२००२ व मो.र.नं. १८१८/०३ दि.२८/०२/०३) तयार केलेल्या नकाशावर दर्शविल्या आहेत.

THE MUNICIPAL CORPORATION OF THE CITY OF THANE

आपला,

शहर विकास व नियोजन अधिकारी,
शहर विकास विभाग,
ठाणे महानगरपालिका ,ठाणे.



PLOT BEARING SR.NO. 206/2, SR.NO. 141/5

AT VILLAGE:- KAVESAR, TAL: THANE, DIST: THANE.

NORTH

JOSHI DESHAWARE

Certificate No. 4759

THANE MUNICIPAL CORPORATION, THANE

(Registration No. 3 & 24)
SANCTION OF DEVELOPMENT
PERMISSION/ **COMMENCEMENT CERTIFICATE**

Permission - Proposed Tower 1 – Gr + 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1 to 38 Floors + Recreational Floor + 39th Floor, Tower 2: - Gr + 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1 to 38 Floors + Recreational Floor + 39th Floor
Tower 3: - Gr + 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1 to 38 Floors + Recreational Floor + 39th Floor
C.C. – Proposed Tower 1- Gr + 1st Podium + 2nd Podium + 3rd Podium + Stilt + 1st to 32 Floors, Tower 2 - Gr + 1st Podium + 2nd Podium + 3rd Podium +Stilt + 1st to 32 Floors, Tower 3 - Gr + 1st Podium + 2nd Podium + 3rd Podium + Stilt to 32 Floors

V. P. No. S06/0310/18 TMC / TDD / 3948/22 Date : 9/2/2022

To, Shri / Smt. Sandeep Prabhu (Architect)
(For M/s. SAAKAAR)
Shri Godrej Macbricks Pvt. Ltd. (Owner)
~~(Owners)~~

With reference to your application No. 8526 dated 22/11/2021 for development permission / grant of Commencement certificate under section 45 & 69 of the the Maharashtra Regional and Town Planning Act, 1966 to carry out developement work and or to erect building No. As above in village Kavesar Sector No. VI Situated at Road / Street 60.00 M. wide D.P.Road S. No. / ~~C.S.T. No. / F.P.~~ No. S No. 206/2, 141/5

The development permission / the commencement certificate is granted subject to the following conditions.

1) The land vacated in consequence of the enforcement of the set back line shall form Part of the public street.
2) No new building or part thereof shall be occupied or allowed to be occupied or permitted to be used by any person until occupancy permission has been granted.
3) The development permission / Commencement Certificate shall remain valid for a period of one year Commenceing from the date of its issue.
4) This permission does not entitle you to develop the land which does not vest in you.
5) Conditions mentioned in C.C. no. V.P.No. S06/0310/18 TMC/TDD/ 3760/21 dated 17/11/2021 shall be binding on Owner.
6) Thane Municipal Corporation will not supply water for construction.
7) Information Board to be displayed at site till Occupation Certificate.
8) If in the development Permission reserved land/ amenity space/ road widening land is to be handed over to the authority in the lieu of incentive FSI, if any, then necessary registered transfer deed shall be executed in the name of authority with in 6 months from the commencement certificate.

WARNING : PLEASE NOTE THAT THE DEVELOPMENT IN CONTRAVENTION OF THE APPROVED PLANS AMOUNTS TO COGNASIBLE OFFENCE PUNISHABLE UNDER THE MAHARASHTRA REGIONAL AND TOWN PLANNING ACT. 1966

~~Yours fait. fully,~~

Office No. _____

Office Stamp _____

Date _____

Issued _____

~~Municipal Corporation of the city of, Thane.~~

(P.T.O.)

9) All the provision mentioned in UDCPR, as may be applicable, shall be binding on the owner/developer.

10) Provision for recycling of gray water, where ever applicable shall be completed of the project before the completion of the building and documents to that if at shall be submitted along with the application form of occupancy.

11) Areas/cities where storm water drainage system exists or designed, design and drawings from Service consultant for storm water drainage should be submitted to the concerned department of the authority before Commencement of the work and completion certificate of the consultant & TMC dept. in this regard shall be submitted along with the application for occupancy certificate.

12) Lift Certificate from PWD should be submitted before Occupation Certificate, if applicable

13) Permission for cutting tree, if necessary, shall be obtained from the tree authority. Also, the certificate / letter for plantation of trees on the land, if required under the provision of tree act, shall be submitted before occupation certificate.

14) If the proposed structure is in influence of Hazard Line, necessary adaptive and mitigation measures must be taken while planning & designing the structure.

15) Boundary wall shall be constructed before Plinth Intimation.

16) It is necessary to submit 'Status of Work 'every three months by Architect & Applicant.

17) Sanad from Collector Office shall be submitted before O.C.

18) Structural Stability Certificate from R.C.C. Consultant shall be submitted before O. C.

19) NOC from water dept. and drainage dept. shall be submitted before O.C.

20) CCTV System shall be installed before O.C.

21) Rain Water Harvesting System shall be installed before O.C.

22) Solar Assisted water heating (SWH) system / Roof top photovoltaic (RTPV) shall be installed before O.C.

23) CFO NOC shall be submitted before O. C.

24) Separate 7/12 extract for area under 60.0 m wide DP road should be submitted before Plinth intimation.

25) Consent to Operate as per Environmental Clearance shall be submitted before O.C.

26) Revised Environmental Clearance shall be submitted before approval of C.C. for remaining area.

WARNING : PLEASE NOTE THAT THE DEVELOPMENT IN CONTRAVENTION OF THE APPROVED PLANS AMOUNTS TO COGNASIBLE OFFENCE PUNISHABLE UNDER THE MAHARASHTRA REGIONAL AND TOWN PLANNING ACT. 1966.

Yours faithfully,

Office No.

सावधान

"मंजूर नकाशानुसार बांधकाम न करणे तसेच विकास नियंत्रण नियमावली नुसार आवश्यक त्या परवानग्या बांधकाम सुरु करणे, महाराष्ट्र प्रादेशिक व नगर रचना अधिनियमाचे कलम ५२ अनुसार दखलपात्र गुन्हा आहे. त्यासाठी जास्तीत जास्त ३ वर्षे कैद व रु. ५०००/- दंड होऊ शकतो."

Office Stamp.

Date:

Issued by:

THE MUNICIPAL CORPORATION OF THE CITY OF THANE

Executive Engineer,
Town Development Department,
Thane Municipal Corporation,
the city of Thane.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I
No:- Format1.0/CC/UAN No.0000177019/CE/2311001246

Date: 16/11/2023

To,
M/s Godrej Macbricks Private Limited
S. No. 206/2 & 141/5, Kavesar, Thane - 400607

Your Service is Our Duty

Sub: Consent to Establish with expansion for Construction of Proposed Residential cum Commercial Building Construction Project under Red category.

Ref:

1. Existing Board has granted Consent to Establish vide no. Format 1.0/BO/CAC-Cell/UAN No. 0000088205/CE-2006001172 dtd. 26/06/2020.
2. Environmental Clearance granted vide no: SEIAA-EC-0000002148 dt. 28/02/2020.
3. Environmental Clearance for Expansion vide no: SIA/MH/INFRA2/419116/2023 dt: 06/06/2023
4. Minutes of 15th Consent Committee Meeting held on dt: 21/09/2023

Your application NO. MPCB-CONSENT-0000177019

For: grant of Consent to Establish 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 / Renewal ofAuthorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry Movement) 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 to Establish is granted for a period upto commissioning of project or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.221.84 Cr. (As per undertaking submitted by pp).**
3. **The Consent to Establish with expansion is valid for Proposed Residential cum Commercial Building Construction Project named as M/s. GODREJ MACBRICKS PRIVATE LIMITED "Proposed Residential and Commercial Development project" at ,Plot bearing S. No. 206/2 & 141/5, Kavesar, Thane - 400607, on Total Plot Area of 17220 SqMtrs for Total Construction BUA of 98719.78 SqMtrs as per EC granted dated 06/06/2023 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance dt: 06/06/2023	17220.00	98719.78
2	Environment Clearance dt: 28/02/2020	17220.00	88823.11
3	Consent to Establish granted dtd. 26/06/2020	17220.00	88823.11

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	-	Nil
2.	Domestic effluent	63	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S1	DG Set (1010 KVA)	1	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

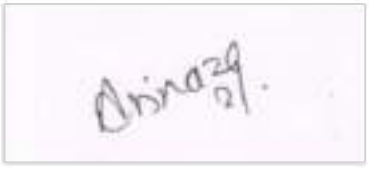
Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	DRY GARBAGE	147 Kg/Day	SEGREGATION	segregate & handed over to local body
2	WET GARBAGE	97 Kg/Day	OWC	Used as Manure
3	STP SLUDGE	6 Kg/Day	FILTER PRSS	Used as Manure
4	eWASTE	17 Kg/M	SEGREGATION	AUTHORISED RECYCLER

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
NA					

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
10. PP shall provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
11. The treated domestic effluent shall be 60 % recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
12. PP shall comply with the consent conditions & EC conditions and submit BG of Rs. 10 Lakhs towards compliance of the same
13. (Project Proponent shall provide Organic waste digester with composting facility or Bio-gas digester with composting facility.
14. Project Proponent shall make provision of charging port for Electric vehicles in at least 30% total available parking area

15. PP shall comply with the provision of Construction & Demolition Waste management Rules 2016.
16. Project Proponent shall take adequate measures to control noise and dust emissions during construction phase
17. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of C to E & EC.
18. This Consent to Establish for Expansion letter has been issued with overriding effect on earlier granted Consent to Establish letter vide no. Format 1.0/BO/CAC-Cell/UAN No. 0000088205/CE-2006001172 dtd. 26/06/2020.



Signed by: Dr.Avinash Dhakne
Member Secretary
For and on behalf of
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2023-11-16 17:10:23 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	443680.00	MPCB-DR-20125	24/07/2023	NEFT

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Thane I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have proposed to provide MBBR based Sewage Treatment Plants (STPs) of combined capacity **480 CMD for treatment of domestic effluent of 63 CMD.**

B] The Applicant shall operate the sewage 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	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.

2) 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 shall 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.

3) The industry shall 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.

4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	73.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

5) 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 provide the Air pollution control (APC)system and also proposed to erect following stack (s) and to observe the following fuel pattern-**

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	DG Set (1010KVA)	Acoustic Enclosure	5.00	HSD 75 Ltr/Hr	-	SO2	36 Kg/Day

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

Total Particular matter	Not to exceed	150 mg/Nm3

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration well before its life come to an end or erection of new pollution control equipment.

4) 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).

5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**

a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.

b) The toilet shall be provided with exhaust system connected to chimney through ducting.

c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).

d) The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Consent to Establish with expansion	10.0 Lakh	15 days	compliance of consent conditions	Commissioning of the Unit or Five years which ever is earlier	upto commissioning of the Unit or Five Yeras which ever is earlier

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent. **# Existing BG obtained for above purpose if any may be extended for period of validity as above.**

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	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.

General Conditions:

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 Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.

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) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.

d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

e) 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.

f) D.G. Set shall be operated only in case of power failure.

g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments 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 Rule 2016 & E-Waste (M & H) Rule 2011.

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 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.

9 The treated sewage shall be disinfected using suitable disinfection method.

10 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.

11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

This certificate is digitally & electronically signed.

Date - 22/12/2023

Ref. No.- GPL F HS 46 Rev. No.- 00		Date:- 20- Page:- 2/2

Proforma for Screening of Workmen

S. No. : 3430

Full Name of the worker : Pankaj Giri

Father / Husband's Name : Paras Giri

Permanent Address : Siddharath Nagar UP

Present Address: labour camp.

- Date of birth 9.01.2003 Age 20 Years

Married / Single / Widow / Widower Single Number of Children

Mother Tongue Hindi Other Languages Known

In case of emergency, person to be contacted

(With address and Telephone Number if any) - 9806234326

पंकज

Signature or Left Hand Thumb Impression

of the workmen for identification

Any other identification mark:

Weight 62kg Height: 5.5

Vision: Normal

Education:

Examination Passed	Year	School / Board
-	-	-

ram chauhan - mason.

Ref. No.- GPL F HS 46 Rev. No.- 00		Date:- 20-10-2021 Page:- 2/2

Refetred by / References:

Screened by me. Certificates / Details verified / not verified.

Suitable for employment as Mason

Signature of Site Engineer

TRIAL REPORT

Seen and briefed the Safety rules of the project and issued the ID Card.

Safety Officer

भारत सरकार
Government of India

पंकज गिरि
Pankaj Giri
जन्म तिथि / DOB : 01/1/2003
पुरुष / MALE

Download Date: 17/08/2020

Issue Date: 17/08/2020

6330 2721 4654

मेरा आधार, मेरी पहचान

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

पता:

आत्मजा : पारस गिरी, 13, अहिरौली पड़री, बिस्कोहर, इटवा सिद्धार्थ नगर, उत्तर प्रदेश, 272192

Address:
S/O : Paras Giri, 13, Ahirauli Padari, Biskohar, Itwa Siddharth Nagar, Uttar Pradesh, 272192

6330 2721 4654

1947 | help@uidai.gov.in | www.uidai.gov.in

पंकज

Certifying Surgeon Under Factories Act Govt. of Maharashtra

FORM XXVIII
(See rule 250 (c))
certificate of Medical Examination

1.	Certificate Serial No.	:	
	Date 22/12/2023	:	Date
2.	Name Pankaj Giri	:	Son / ~~Daughter~~ of : Left Arm.
	Identification Marks	:	[1] Tatto is prasent on the [2]
3.	Father's Name	:	Pavas Giri
4.	Sex	:	male
5.	Residence	:	Sidharth Nagar U.P
6.	Date of Birth, if Available	:	01-01-2003
	and/ or certificate of age	:	20y
7.	Aadhar Card Details	:	633027214654
8.	Physical Fitness	:	Fit

I certify that I have Personal examined (name) Pankaj Giri son/daughter / wife of Pavas Giri residing at Labour camp 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 20 years and that he/she is fit for employment in M M Chauhan Tarion Infra.

9.	Reason for -		
	(1) refusal of certificate	:	NA
	(2) Certificate being revoked	:	

Signature / Left Hand Thumb
Impression of building worker

DR. DIPAK S. BHAGAT
Signature with Seal M.B.B.S.
Medical Inspector / C.M.O.
Reg. No. 57893

Note :- (1) Exact details of course of physical disability should be clearly stated.
(2) Functional / Productive abilities should also be started if disability is stated.

NOTE - MEDICAL EXAMINE EXAMINATION DONE ON OPD BASIS

I could not discover any major liness, contagious diseases in him/her except NIL. Minior defect in eyersight can be corrected by using lenses.
He / She is physically and Mentally fit said work.

CERTIFCATE OF MEDICAL EXAMINATION

Annexure - 1

Medical Examination for all workmen

Physical Examination		Enquiry of previous History	
Height	5.5	Varicose	
Weight	62 kg	Seizure	
Blood Pressure	119/78 mmHg	Vertigo	
Pulse	74 bpm	Acrophobia	
Hearing	Normal	Diabetes	
Refractive Error	No	Stroke	No
Colour Vision	Normal	Heart Diseases	
Any Disability	No	Major illness or Surgery	
Arm Function & Grip	Good	Symptoms Visible	
Leg & Foot Function	Good	Others, if any	
Height Pass	Ok		

Additional checks for Operators & Drivers (As per BOCW) Act. & Rules) NA

- **Vision :** Total visual performance and standard orthorator like vision which includes (Separate reports to be attached)
  - Night Vision
  - Visual Perception
  - Glare Resistance & Recovery
  - Peripheral Vision
- **Breathing :** Peak flow rate using standard peak flow meter and average peak flow rate (Separate report to be attached)

Additional checks for Food Handlers (Workmen involved in preparation & Supply) NA

- Careful examination for skin diseases
- Personal Hygiene such as hair, nails etc.
- Chest X-ray if preliminary examination reveals chest congestion (separate reports to be attached, if conducted)

Additional checks for Welders NA

- Examine & Check for Symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm (Separate report to be attached, if conducted)

Date:- 14/12/2023

Ref. No.- GPL F HS 46 Rev. No.- 00		Date:- 20-10-2021 Page:- 2/2

Proforma for Screening of Workmen

S. No.: 3429

Full Name of the worker : Rohit Kumar Barnwal

Father / Husband's Name : Rameshwari Barnwal

Permanent Address : Khushinagar Uttar Pradesh

Present Address: Tabou Camp

- Date of birth 07-01-1996 Age 27 Years

Married / Single / Widow / Widower Married Number of Children

Mother Tongue Hindi Other Languages Known

In case of emergency, person to be contacted

(With address and Telephone Number if any) 9509151600

शीदेर कुमार

Signature or Left Hand Thumb Impression

of the workmen for identification

Any other identification mark:

Weight: 60kg Height: 5.7"

Vision: Normal

Education:

Examination Passed	Year	School / Board
—	—	—

Team / Company Doctor

Ref. No.- GPL F HS 46 Rev. No.- 00		Date:- 20-10-2021 Page:- 2/2

Referred by / References:

Screened by me. Certificates / Details verified / not verified.

Suitable for employment as Carpenter

Signature of Site Engineer

TRIAL REPORT

Seen and briefed the Safety rules of the project and issued the ID Card.

Safety Officer

Dr Shital V. Rajput
MBBS,AFIH, MD PATHOLOGY, CERTIFYING SURGEON,
DG SHIPPING APPROVED DOCTOR
Reg. No. NMC 2013/04/1092
Certifying Surgeon Under Factories act Govt Of Maharashtra

9 Lodha Signet A
Office No. 422, 4th Floor
Kolshet Road, Thane 400607

FORM XXVIII
(See rule 250 (c))
certificate of Medical Examination

1.	Certificate Serial No.	:	8429
	Date 14/11/2023	:	Date
2.	Name Rohit kr Barnwal	Son / Daughter of	Kameshwari Barnwal
	Identification Marks	:	[1] [2]
3.	Father's Name	:	Kameshwari Barnwal
4.	Sex	:	male
5.	Residence	:	Krishnnagar Uttar Pradesh
6.	Date of Birth, If Available	:	01.07.1996
	and/ or certificate of age	:	27y
7.	Aadhar Card Details	:	8745 0539 5601
8.	Physical Fitness	:	Fit

I certify that I have Personal examined (name) Rohit kr Barnwal son/daughter / wife of Kameshwari Barnwal residing at Laxmi Nagar 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 27 years and that he/she is fit for employment in Thane.

9.	Reason for -		
	(1) refusal of certificate	:	- / NA
	(2) Certificate being revoked	:	-

रोहित कुमार
Signature / Left Hand Thumb
Impression of building worker

DR. DIPAK BHAGAT
M.B.B.S.
Reg. No. 57893
Signature with Seal
Medical Inspector / C.M.O.

Note :- (1) Exact details of course of physical disability should be clearly stated
(2) Functional / Productive abilities should also be started if disability is stated

NOTE - MEDICAL EXAMINE EXAMINATION DONE ON OPD BASIS

I could not discover any major liness, contagious diseases in him/her except for Minior defect in eyersight can be corrected by using lenses.
He / She is physically and Mentally fit ssid work.

CERTIFCATE OF MEDICAL EXAMINATION

Annexure - 1

Medical Examination for all workmen

Physical Examination		Enquiry of previous History	
Height	5.2	Varicose	
Weight	60kg	Seizure	
Blood Pressure	110/79 mg	Vertigo	
Pulse	72 bt	Acrophobia	
Hearing	Normal	Diabetes	Nb
Refractive Error	No	Stroke	
Colour Vision	Normal	Heart Diseases	
Any Disability	No	Major illness or Surgery	
Arm Function & Grip	Good	Symptoms Visible	
Leg & Foot Function	Good	Others, if any	
Height Pass	Ok		

Additional checks for Operators & Drivers (As per BOCW) Act. & Rules) NA

- **Vision :** Total visual performance and standard orthorator like vision which includes (Separate reports to be attached)
  - Night Vision
  - Visual Perception
  - Glare Resistance & Recovery
  - Peripheral Vision
- **Breathing :** Peak flow rate using standard peak flow meter and average peak flow rate (Separate report to be attached)

Additional checks for Food Handlers (Workmen involved in preparation & Supply) NA

- Careful examination for skin diseases
- Personal Hygiene such as hair, nails etc.
- Chest X-ray if preliminary examination reveals chest congestion (separate reports to be attached, if conducted)

Additional checks for Welders NA

- Examine & Check for Symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm (Separate report to be attached, if conducted)

भारत सरकार
Government of India

Kumar Barnwal
DOB: 01/01/1996
MALE

8745 0539 5601
VID : 9104 7192 9083 7338
आधार, आम आदमी का अधिकार

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

पता:
S/O कामेश्वरी बरनवाल, 02ख, करिटेन, करिटेन,
कुशीनगर,
उत्तर प्रदेश - 274301

Address:
S/O Kameshwari Barnwal, 02kh, Kariten,
Kariten, Kushinagar,
Uttar Pradesh - 274301

8745 0539 5601
VID : 9104 7192 9082 7138

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रोहित कुमार

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QCI-NABET Accredited EIA Consulting Organization
STP/ETP/WTP Project Management Consultants
ISO 9001 : 2015
ISO 45001 : 2018

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.ASHANK MACBRICKS PVT.LTD.
For Your Project: Proposed Residential & Commercial Project
At Plot Bearing S.NO.206/2,141/5,At Village Kavesar
Thane (West)

REPORT NO. : UT/ELS/REPORT/C-055/06-2023
ISSUE DATE : 16/06/2023
YOUR REF. : 4300155428
REF. DATE : 27/10/2022

SAMPLE PARTICULARS : **AMBIENT AIR QUALITY MONITORING**

Sampling Plan Ref. No.: : C-35/05-2023
Sampling Procedure : UT/LQMS/SOP/AA01A
Sample Registration Date : 16/05/2023
Date of Sampling : 15/05/2023 to 16/05/2023
Time of Sampling : 09:30 Hrs. to 09:30 Hrs.
Analysis Starting Date : 16/05/2023
Analysis Completion Date : 18/05/2023
Sample Lab Code : UT/ELS/C-253/05-2023
Ambient Air Temperature : 28.1°C to 34.1°C

Location Code : 01
Sample Location : At Project Site
Co-ordinates:N19°15'06.43";E72°58'24.43"
Collected By : ULTRA-TECH
Height of Sampler : 1.0 Meter
Sampling Duration : 24 Hours
Relative Humidity : 52.0 % to 63.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO_2)	IS 5182 (Part 02) : 2001	13	µg/m³
2.	Oxides of Nitrogen (NO_x)	IS 5182 (Part 06) : 2006	24	µg/m³
3.	Particulate Matter (PM_{10})	EPA/625/R-96/010a Method IO-2.1	76	µg/m³
4.	Particulate Matter ($PM_{2.5}$)	IS 5182 (Part 24) : 2019	27	µg/m³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.4	mg/m³

†: 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 – 03/10/2023
	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 –

ULTRA-TECH ★ Gazetted by MoEF Govt. of India ★ THANE (W) INDIA PIN-400 601 ★ ENVIRONMENTAL CONSULTANCY & LABORATORY

For ULTRA-TECH,

Meghan Patil
(Authorized Signatory)

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.
Tel : +91-22-2538 01 98 / 2545 03 72 / 2544 62 51 Fax : +91-22-2542 96 50 Email : sales@ultratech.in
Pune : +91-20-29525517 - pune@ultratech.in Kochi : +91-048-44011173 / +91-9895200526 - kochi@ultratech.in
Kolkata: +033-40089145 / +91-9674488198 - kolkata@ultratech.in

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_2), µg/m³	Annual* 24 Hours**	50 80	20 80
02.	Oxides of Nitrogen (NO_x), µg/m³	Annual* 24 Hours**	40 80	30 80
03	Particulate Matter (PM_{10}), µg/m³	Annual* 24 Hours**	60 100	60 100
04.	Particulate Matter ($PM_{2.5}$), µg/m³	Annual* 24 Hours**	40 60	40 60
05.	Carbon Monoxide (CO), mg/m³	08 Hours* 01 Hours**	02 04	02 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

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ISO 9001 : 2015
ISO 45001 : 2018

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.ASHANK MACBRICKS PVT.LTD.
For Your Project: Proposed Residential & Commercial Project
At Plot Bearing S.NO.206/2,141/5,At Village Kavesar
Thane (West)

REPORT NO. : UT/ELS/REPORT/C-056/06-2023
ISSUE DATE : 16/06/2023
YOUR REF. : 4300155428
REF. DATE : 27/10/2022

SAMPLE PARTICULARS :
NOISE LEVEL QUALITY MONITORING

Sampling Plan Ref. No. : C-35/05-2023
Date of Monitoring : 15/05/2023
Sample Lab Code : UT/ELS/C-254/05-2023
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	54.3	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 –

ULTRA-TECH ★ Gazetted by MoEF Govt. of India ★ THANE (W) INDIA PIN-400 601 ★ ENVIRONMENTAL CONSULTANCY & LABORATORY

For ULTRA-TECH,

Meghan Patil
(Authorized Signatory)

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.
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Kolkata: +033-40089145 / +91-9674488198 - kolkata@ultratech.in

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

[TheModel 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.

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ISO 9001 : 2015
ISO 45001 : 2018

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.
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TEST REPORT

ISSUED TO: M/S.ASHANK MACBRICKS PVT.LTD.
For Your Project: Proposed Residential & Commercial Project
At Plot Bearing S.NO.206/2,141/5,At Village Kavesar
Thane (West)

REPORT NO. : UT/ELS/REPORT/C-057/06-2023
ISSUE DATE : 16/06/2023
YOUR REF. : 4300155428
REF. DATE : 27/10/2022

SAMPLE PARTICULARS :

SOIL QUALITY MONITORING

Sampling Plan Ref. No. : C-35/05-2023
Sampling Procedure : UT/LQMS/SOP/S01A
Sample Registration Date : 16/05/2023
Date & Time of Sampling : 15/05/2023 at 17:00 Hrs.
Analysis Starting Date : 16/05/2023
Analysis Completion Date : 23/05/2023
Sample Collected By : ULTRA TECH
Sample Lab Code : UT/ELS/C-255/05-2023

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	4.4	%
2.	Bulk Density	UT/LQMS/SOP/S03	1153	kg/m^3
3.	Organic Matter	IS:2720 (Part 22) : 1972	1.0	%
4.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.6	%
5.	pH (1:2.5 Soil:Water Extract)	IS:2720 (Part 26) : 1987	8.1	-
6.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.628	mS/cm
7.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	99	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	165	mg/kg
10.	Sulphate as SO_4^{2-} (Water Extractable)	UT/LQMS/SOP/S24	189	mg/kg
11.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.1	$(meq/kg)^{1/2}$
12.	Cation Exchange Capacity	UT/LQMS/SOP/S18	25.4	meq/100g
13.	Water Holding Capacity	UT/LQMS/SOP/S12	55.2	%
14.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.8	mg/kg
15.	Phosphorous as P_2O_5 (Available)	UT/LQMS/SOP/S28	83	kg/ha
16.	Potassium as K_2O (Available)	UT/LQMS/SOP/S29	236	kg/ha
17.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	183	Kg/ha
18.	Iron as Fe	UT/LQMS/SOP/S35&S37	76321	mg/kg
19.	Zinc as Zn	UT/LQMS/SOP/S35&S37	97	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 –

ULTRA-TECH Gazetted by MoEF Govt. of India THANE (W) INDIA PIN-400 601 ENVIRONMENTAL CONSULTANTS & LABORATORIES

For ULTRA TECH

Meghan Patil
(Authorized Signatory)

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Form 59
Pollution Under Control Certificate
16/12/2022
11:42:36 AM
15/06/2023
MH·04
HD·9974
BHARAT STAGE III
DIESEL
Rs.150.00
MH·04
HD·9974

Vehicle Number	MH46AR5635
Owner Nname	*D* *N*E*P*I*E*
Registering Authority	PANVEL, Maharashtra
Vehicle Class	Goods Carrier(HGV)
Fuel Type	DIESEL
Emission Norm	Not Available
Vehicle Age	6 Years & 5 months
Vehicle Status	ACTIVE

Tap to Check the Vehicle Impound and Seizure Document Status

Registration Date	22-Sep-2016
Fitness Valid Upto	17-Oct-2023
Tax Valid Upto	31-Oct-2022
Insurance Valid UpTo	18-Sep-2023
PUCC Valid UpTo	20-Aug-2023

Vehicle Number	MH04LE4612
Owner Nname	*H*N*R*S*E*H*R* *I*H*A*A*H* *R*P*T*I*
Registering Authority	THANE, Maharashtra
Vehicle Class	Goods Carrier(MGV)
el Type	DIESEL
ission Norm	BHARAT STAGE VI
hicle Age	0 Years & 3 months
hicle Status	ACTIVE

ap to Check the Vehicle Impound and Seizure Document Status

egistration ate	23-Nov-2022
tness Valid Upto	22-Nov-2024
Tax Valid Upto	31-Oct-2023
Insurance Valid UpTo	10-Nov-2023
PUCC Valid UpTo	22-Nov-2023

Vehicle Search

Vehicle Number	MH01CV1371
Owner Name	·/*:* * * *N*E*P*I*E*
Registering Authority	MUMBAI (CENTRAL), Maharashtra
Vehicle Class	Goods Carrier(HGV)
Fuel Type	DIESEL
Emission Norm	BHARAT STAGE IV
Vehicle Age	4 Years & 4 months
Vehicle Status	ACTIVE

Tap to Check the Vehicle Impound & Seizure Document Status

Registration Date	30-Oct-2018
Fitness Valid UpTo	08-Dec-2024
Tax Valid UpTo	28-Feb-2023
Insurance Valid UpTo	14-Oct-2023
PUCC Valid UpTo	24-Jul-2023

Vehicle Number	MH48AG6446
Owner Nname	*A*J*S* *O*I*T*C* *N* *N*R*S*R*C*U*E*
Registering Authority	VASAI, Maharashtra
Vehicle Class	Goods Carrier(HGV)
Fuel Type	DIESEL
Emission Norm	Not Available
Vehicle Age	6 Years & 1 months
Vehicle Status	Fitness Expired

Tap to Check the Vehicle Impound and Seizure Document Status

Registration Date	23-Jan-2017
Fitness Valid Upto	22-Feb-2023
Tax Valid Upto	30-Apr-2023
Insurance Valid UpTo	06-Jan-2024
PUCC Valid UpTo	03-Jul-2023