

Godrej Macbricks Private Limited
(formerly known as Ashank Macbricks Private Limited)
Regd. Office: Godrej One,
5th Floor, Pirojshanagar,
Eastern Express Highway,
Vikhroli (E), Mumbai – 400 079. India
Tel.: + 91-22-6169 5500
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CIN: U70100MH2017PTC302864

Date: 09/01/2023

To,

**The Additional Director, Regional Office,
Central Pollution Control Board,
Parivesh Bhavan, Opp. VMC Ward Office no. 10,
Shubhanpura, Vadodara – 390 023. Gujarat.**

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

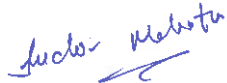
Reference : Environmental clearance no. SEIAA-EC-0000002148, dated: 28/02/2020.

Respected Sir/Madam,

This is in reference with the above-mentioned subject. We have obtained Environment Clearance vide letter no. SEIAA-EC-0000002148, dated: 28/02/2020 for above mentioned Project. As per the conditions mentioned in the EC, we need to submit the current status of Construction work and point-wise compliance status along with the necessary annexure.

This compliance report is submitting for the period from **April 2021 to September 2021**.
This is for your kind consideration and records. Kindly acknowledge the same.

Yours Faithfully,



**For, Godrej Macbricks Private Limited
(formerly known as Ashank Macbricks Private Limited)
Authorized Signatory**

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

**Copy to Regional Office, MPCB, Sion, Mumbai.
Department of Environment, Mantralaya, Mumbai.
Regional Office, MoEF, Nagpur**

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PART A:

Current Status of Work

Status of construction		:	There is no construction worked done on site till September 2021.
a.	Date of commencement (Actual and/or planned)	:	No Construction work on site
b.	Date of completion (Actual and/or planned)	:	Feb, 2027

PART B:

Point-wise compliance status to various stipulations laid down by the Ministry in its clearance for Proposed Residential & Commercial Development project at Plot bearing S. No. 206/2 & 141/5 at village Kavesar, Thane (W), State-Maharashtra by SEIAA, Govt. of Maharashtra vide letter 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., (Aerial 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. ❖ SGNP has provided Surveyor letter dated: 10.04.2018. ❖ Please refer Annexure - 1 for SGNP survey letter.
iii.	PP to provide clear driveway as per CFO NoC.	❖ Provision of driveway is as per the received CFO NOC dt. 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 done 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.

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vi.	PP to upload the revised RG calculation. PP to ensure that, proposed RG should be as per DCR.	<div>❖ We have provided RG area in accordance to DCR of Thane Municipal Corporation (TMC) and as per the Development Permission Certificate No. TMC/TDD/3330/20 received from TMC. Calculation of RG area is as follows:</div> <table><tr><th colspan="6">RG Area requirement & provision calculation</th></tr><tr><td colspan="5">25% of Net Plot Area i.e. 14223.00 sq. mt.</td><td>3555.76 Sq. mt.</td></tr><tr><td colspan="2" rowspan="2">Area</td><td colspan="2">RG Area Required</td><td colspan="2">RG Area Proposed</td></tr><tr><td>Area (Sq. mt.)</td><td>% on required RG</td><td>Area (Sq. mt.)</td><td>% of Proposed RG</td></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> <div>❖ Please refer Annexure - 6 for Layout Showing RG area.</div>	RG Area requirement & provision calculation						25% of Net Plot Area i.e. 14223.00 sq. mt.					3555.76 Sq. mt.	Area		RG Area Required		RG Area Proposed		Area (Sq. mt.)	% on required RG	Area (Sq. mt.)	% of Proposed RG	1	Unpaved RG (Mother earth)	1173.40	33 %	2572.31	72.3	2	Paved RG(P)	2382.36	67 %	3958.47	111.3	Total (1 + 2)		3555.76	100%	6530.78	183.6
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vii.	PP to provide adequate (1:5) electric charging points/ stations in parking area.	<div>❖ As per Suggestion of Hon. SEAC-2 we propose to provide 150 Nos. of electrical charging points at 2nd and 3rd level podium.</div> <div>❖ Please refer Annexure -7 for Plan indicating Charging Points.</div>																																								
viii.	PP to abide by all conditions laid down in CFO NoC, HRC NoC as & when received.	<div>❖ We have received the CFO NOC dt. 20.11.2019 and we ensure that we will abide all the conditions laid down in CFO NoC.</div> <div>❖ Please refer Annexure - 8 for CFO NOC.</div> <div>❖ Application has been done to TMC for High Rise clearance on dated: 18/01/2020.</div> <div>❖ Please refer Annexure -9 for HRC NOC.</div> <div>❖ We ensure that we will abide all the conditions laid down in HRC NoC.</div>																																								
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	<div>❖ As per MoEF draft Notification S. O. 4025 (E) dated 6.11.2019 our project is not affected by the ESZ belt of Thane</div>																																								

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	the said sanctuary boundary. The planning authority to ensure fulfillment of this condition before granting CC.	Creek 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 Crores i.e. 1.50 % of project cost (Rs. 400.00 Crores) towards CER activities as per office memorandum dt. 1st May 2018 by MOEF & CC relevant to the area and people around the Project. ❖ Please refer Annexure - 10 for CER Plan. ❖ Also submitted CER commitment Letter to the commissioner; Thane Municipal Corporation (T.M.C.). ❖ Please refer Annexure - 11 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; Thane Municipal Corporation (T.M.C.).
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 m ² , Non-FSI: 50739.85 m ² and Total BUA: 88823.11 m ² (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.	❖ As this is residential project, E waste will be negligible.
II.	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	❖ Agreed to comply with.
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	❖ 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., (Aerial distance) thus only

Sl. No	Stipulated Clearance Conditions	Compliance Status
	clearance granted to the project which will be considered separately on merit.	<p>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.</p> <ul style="list-style-type: none"> ❖ 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 6.11.2019 our project is not affected by the ESZ belt of Thane Creek flamingo Sanctuary ❖ Please refer Annexure -12 for TCFS Index Map. ❖ NOC from competent authority with reference to Thane creek flamingo sanctuary shall be obtained if applicable.
IV.	PP has to abide by the conditions stipulated by SEAC& SEIAA.	<ul style="list-style-type: none"> ❖ 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.	<ul style="list-style-type: none"> ❖ Building plan is approved by Thane Municipal Corporation ❖ Please refer Annexure – 13 for Approved Layout Plan. ❖ Development permission certificate issued by TMC vide letter no. TMC/TDD/3330/20, Dated: 10/01/2020. ❖ Please refer Annexure – 14 for Development permission certificates. ❖ Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide file no. SEIAA-EC-0000002148, dated: 28/02/2020. ❖ Please refer Annexure – 15 for Environmental clearance. ❖ Construction built-up area, height of the building is in accordance with the existing FSI norms of the TMC ❖ TMC (Fire Brigade Thane) has issued CFO Noc no. Tmc/cfo/HRS/87/87, Dated: 20/11/2019. ❖ Thane Municipal Corporation sanctioned Development Plan Remarks for the project dated: 23/03/2018. ❖ As per DP remarks project site falls

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		<p>under Residential Zone (R).</p> <ul style="list-style-type: none"> ❖ Please refer Annexure – 16 for DP remarks. ❖ Application has been done to TMC for High Rise clearance on dated: 18/01/2020.
VI.	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	<ul style="list-style-type: none"> ❖ Maharashtra Pollution Control Board granted consent to establish vides order no. Format 1.0/CAC-CELL/UAN No. 0000088205/CE-2006001172, dated: 26/06/2020. ❖ 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.	<ul style="list-style-type: none"> ❖ All necessary facility will be provided on site for the construction workers. ❖ 24 nos of Hutment is provided to 150 nos of residential workers. Also, 50 nos of non-residential worker are on site. ❖ Site sanitation like safe & adequate Municipal water for drinking and Tanker water for domestic purpose, 06 nos of toilets with septic tank, 03 nos of bathroom, first Aid kit and periodical medical checkup facilities will be provided after construction work commence. ❖ 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.
VIII.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	<ul style="list-style-type: none"> ❖ All necessary facility will be provided on site for the construction workers. ❖ 24 nos of Hutment is provided to 150 nos of residential workers. Also, 50 nos of non-residential worker are on site. ❖ Site sanitation like safe & adequate Municipal water for drinking and Tanker water for domestic purpose, 06 nos of toilets with septic tank, 03 nos of bathroom, first Aid kit and periodical medical checkup facilities will be provided after construction work commence.

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		<ul style="list-style-type: none"> ❖ Proper housekeeping & regular pest control will be carried out. ❖ Green dust will be provide for biodegradable waste and Blue dustbin provide for non-biodegradable waste collection. ❖ Collected solid waste will be further handover to TMC.
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.	<ul style="list-style-type: none"> ❖ Green dust bin has been provided for biodegradable waste and blue dust bin provided for non-biodegradable waste collection. ❖ Biodegradable and non-biodegradable waste is being handed over to solid waste management facility of TMC on daily basis.
X.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	<ul style="list-style-type: none"> ❖ 67000 CUM of excavation 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.	<ul style="list-style-type: none"> ❖ Application has been done for Storm water drain and Sewerage remarks to local planning authority. ❖ One of STP of capacity 450 KL has been installed at project site to treat waste water. ❖ The treated sewage will be reused for flushing and gardening.
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	<ul style="list-style-type: none"> ❖ Top soil will be used in landscape development.
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.	<ul style="list-style-type: none"> ❖ Agreed to comply with. ❖ Excavation earth material shall be partly reused and remaining shall be disposed to the authorized landfill site. ❖ Top Soil shall be preserved and used for landscaping.
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.	<ul style="list-style-type: none"> ❖ We have provided RG area in accordance to DCR of Thane Municipal Corporation (TMC) and as per the Development Permission Certificate No. TMC/TDD/3330/20 received from

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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.	<ul style="list-style-type: none">❖ Groundwater accumulation was monitored in boreholes during and after completion of drilling activities. Level of the groundwater table was observed at depths 9 meters 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 - 18 for 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.	<ul style="list-style-type: none">❖ 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.	<ul style="list-style-type: none">❖ 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.	<ul style="list-style-type: none">❖ DG set will be provided as per requirement.																																								

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XIX.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	❖ DG set will be provided as per requirement.
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.	❖ We will allow vehicles with valid PUC certificate during construction to enter the project site.
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.	❖ Adequate measures are made to reduce ambient air & noise levels. ❖ Ambient air and Noise levels monitoring is being carried out. ❖ Please refer Annexure - 18 for 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 27 th August, 2003. (The above condition is applicable only if the project sites located within the 100 Km of Thermal Power Stations).	❖ We are using Portland Pozzalona Cement (PPC) in building construction.
XXIII.	Ready mixed concrete must be used in building construction.	❖ We are using Portland Pozzalona Cement (PPC) in building construction.
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	❖ Separate drains will be provided for the storm water. ❖ 3 Nos. of Rain water harvesting tanks of total capacity 60 KL capacity (i.e. 20 KL each).
XXV.	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices referred.	❖ Ready mixed concrete along with fly ash is being used.
XXVI.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	❖ No extraction of ground water for construction 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. ❖ Soil quality is being monitored. ❖ Please refer Annexure - 18 for 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	❖ One of STP of capacity 450 KL has been installed at project site to treat waste water.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	❖ The treated sewage will be re-used within the project for flushing & 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 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.	❖ Agreed to comply with.
XXXII.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	❖ Thermal insulation will be provided in roofs.
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.	Following Energy Conservation measures are proposed; <ul style="list-style-type: none"> ❖ 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	❖ DG set will be installed as per requirements.

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	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.																																									
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.	<div>❖ We have provided RG area in accordance to DCR of Thane Municipal Corporation (TMC) and as per the Development Permission Certificate No. TMC/TDD/3330/20 received from TMC. Calculation of RG area is as follows:</div> <table><tr><th colspan="6">RG Area requirement & provision calculation</th></tr><tr><td colspan="4">25% of Net Plot Area i.e. 14223.00 sq. mt.</td><td colspan="2">3555.76 Sq. mt.</td></tr><tr><td colspan="2" rowspan="2">Area</td><td colspan="2">RG Area Required</td><td colspan="2">RG Area Proposed</td></tr><tr><td>Area (Sq. mt.)</td><td>% on required RG</td><td>Area (Sq. mt.)</td><td>% of Proposed RG</td></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> <div>❖ DG sets will be used as per requirement during construction phase.</div> <div>❖ Please refer Annexure - 18 for Monitoring Reports.</div>	RG Area requirement & provision calculation						25% of Net Plot Area i.e. 14223.00 sq. mt.				3555.76 Sq. mt.		Area		RG Area Required		RG Area Proposed		Area (Sq. mt.)	% on required RG	Area (Sq. mt.)	% of Proposed RG	1	Unpaved RG (Mother earth)	1173.40	33 %	2572.31	72.3	2	Paved RG(P)	2382.36	67 %	3958.47	111.3	Total (1 + 2)		3555.76	100%	6530.78	183.6
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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.	<div>❖ Public road and public areas is not being used for project activity purpose and are free for smooth traffic movement.</div> <div>❖ Provision has been made for adequate parking facilities within the project complex.</div>																																								
XXVII.	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 aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	❖ Noted.																																								
XVIII.	The building should have adequate distance	❖ Adequate distance is provided between																																								

Sl. No	Stipulated Clearance Conditions	Compliance Status																																								
	between them to allow movement of fresh air and passage of natural light, air and ventilation.	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 by site in charge.																																								
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 file 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.	<div>❖ One of STP of capacity 450 KL has been installed at project site to treat waste water.</div> <div>❖ Treated sewage will be re-used for flushing and gardening purpose to reduce fresh water demand.</div> <div>❖ We have provided RG area in accordance to DCR of Thane Municipal Corporation (TMC) and as per the Development Permission Certificate No. TMC/TDD/3330/20 received from TMC. Calculation of RG area is as follows:</div> <table><tr><th colspan="6">RG Area requirement & provision calculation</th></tr><tr><td colspan="4">25% of Net Plot Area i.e. 14223.00 sq. mt.</td><td colspan="2">3555.76 Sq. mt.</td></tr><tr><td colspan="2" rowspan="2">Area</td><td colspan="2">RG Area Required</td><td colspan="2">RG Area Proposed</td></tr><tr><td>Area (Sq. mt.)</td><td>% on required RG</td><td>Area (Sq. mt.)</td><td>% of Proposed RG</td></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>	RG Area requirement & provision calculation						25% of Net Plot Area i.e. 14223.00 sq. mt.				3555.76 Sq. mt.		Area		RG Area Required		RG Area Proposed		Area (Sq. mt.)	% on required RG	Area (Sq. mt.)	% of Proposed RG	1	Unpaved RG (Mother earth)	1173.40	33 %	2572.31	72.3	2	Paved RG(P)	2382.36	67 %	3958.47	111.3	Total (1 + 2)		3555.76	100%	6530.78	183.6
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XLIII.	Wet garbage should be treated by Organic Waste	❖ OWC has been installed at project site to																																								

Sl. No	Stipulated Clearance Conditions	Compliance Status
	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.	treat biodegradable waste.
XLIV.	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB	❖ One of STP of capacity 450 KL has been installed at project site to treat waste water. ❖ 12 sq.m of area are provided for solid waste management machinery.
XLV.	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.
XLVI.	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	❖ Noted.
XLVII.	A separate environment management cell with qualified staff shall be set up for implementation of stipulated environment safeguards.	❖ A separate environment management cell has been established which supervised by Mr. Rajesh Vilas, Safety Officer. ❖ Environmental quality is being monitored through external MoEF & CC approved laboratory.
XLVIII.	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with time-wise break-ups. 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 purpose and year-wise expenditure should reported to the MPCB & this department.	Separate funds have been allocated for implementation of environmental 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: 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 http://ec.maharashtra.gov.in	❖ Agreed to comply with.
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 &	Submitting six monthly compliance reports regularly to; ❖ RO, MPCB, Thane. ❖ RO, MoEF & CC, Nagpur.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	this department, on 1 st June & 1 st December of each calendar year.	❖ Environmental department Mantralaya. ❖ RO, CPCB, Vadodara.
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.	❖ Noted.
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 regularly to; ❖ RO, MPCB, Thane. ❖ RO, MoEF & CC, Nagpur. ❖ Environmental department Mantralaya. ❖ RO, CPCB, Vadodara.
LIV.	The environmental statement of each financial year ending with 31 st 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.	❖ Environmental statement for year 2020-2021 will be submitted.
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	❖ Noted.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	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.	❖ 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, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	❖ Noted.
10	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the	❖ Noted.

Sl. No	Stipulated Clearance Conditions	Compliance Status
	National Green Tribunal Act, 2010.	

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 Development at Midori.
3.	Clearance letter (s) / OM No. and Date	:	❖ Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide file no. SEAC-2013/CR-264/TC-1, dated: 28/02/2020.
4.	Location		
	a. District (S)	:	Thane
	b. State (S)	:	Maharashtra.
	c. Latitude/ Longitude	:	Latitude : 19015'08.06" N Longitude : 72058'20.91" E
5.	Address for correspondence	:	
	a. Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr. Amit Poddar, Add. : 5 th Floor, Godrej One, Eastern Express Highway, Pirojshanagar, Vikhroli (East), Mumbai. Tel.: 9967999035 Email ID: milind.shelar@godrejproperties.com Website: www.godrejproperties.com
	b. Address of Executive Project: Engineer/Manager (with pin code/ Fax numbers)	:	Mr. Karan Pande, Add. : 5 th Floor, Godrej One, Eastern Express Highway, Pirojshanagar, Vikhroli (East), Mumbai. Tel.: 9967999035 Email ID: milind.shelar@godrejproperties.com Website: www.godrejproperties.com

6.	Salient features															
	a.	of the project	:	<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>	Buildings	No. of floors	One Building with 3 Towers and total Flats: 555 Nos.		Tower 1	Ground/Podium+ 1 st Podium +2 nd Podium + 3 rd Podium + Stilt + 1 to 33 Floors	Tower 2	Ground/ 1 st Podium + 2 nd Podium + 3 rd Podium + Stilt + 1 to 33 Floors	Tower 3	Ground/ 1 st Podium + 2 nd Podium + 3 rd Podium + Stilt + 1 to 33 Floors.	Club House	Ground + 1 Floor
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Club House	Ground + 1 Floor															
b.	of the environmental management plans	:	<p>Separate funds have been allocated for implementation of environmental measures;</p> <p>During construction phase :</p> <p>❖ Rs. 8.37 Lakhs have been allocated for the entire construction period.</p> <p>During operation phase :</p> <p>❖ Capital cost : Rs. 194.51 Lakhs</p> <p>❖ O & M: Rs. 23.57 Lakhs per annum.</p>													
7.	Breakup of the project area															
a.	submergence area forest & non-forest	:	Not Applicable													
b.	Others	:	<p>❖ FSI area: 38083.26 Sq. m.</p> <p>❖ Non-FSI area: 50739.85 Sq. m.</p> <p>❖ Total BUA area: 88823.11 Sq. m.</p>													
8.	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	:	Not Applicable													
a.	SC, ST/Adivasis	:	Not Applicable													
b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out	:	Not Applicable													

		Or only provisional figures, it a Survey is carried out give details And years of survey)		
9.	Financial details			
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference.	:	Project cost : 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.	:	<p>Separate funds have been allocated for implementation of environmental measures;</p> <p>During construction phase :</p> <p>❖ Rs. 8.37 Lakhs have been allocated for the entire construction period.</p> <p>During operation phase :</p> <p>❖ Capital cost : Rs. 194.51 Lakhs</p> <p>❖ O & M: Rs. 23.57 Lakhs per annum.</p>
	c.	Benefit cost ratio/Internal rate of Return and the year of assessment	:	--
	e.	Actual expenditure incurred on the project so far	:	2.29 Cr.
	f.	Actual expenditure incurred on the Environmental Management plans so far.	:	1.20 Lac.
10.	Forest land requirement			
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable
	c.	The status of compensatory afforestation, if any	:	Not Applicable
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Nil
12.	Status of construction		:	❖ There is no construction worked done on site till September 2021.
	a.	Date of commencement (Actual and/or planned)	:	No Construction work on site
	b.	Date of completion (Actual and/of planned)	:	Feb, 2027

13.	Reasons for the delay if the Project is yet to start	:	NA
14.	Dates of site visits		
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	: Nil
	b.	Date of site visit for this monitoring report	: Nil
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.)		
		:	--

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 Clearance of Project from Boundery of Sanjay Gandhi National Park & Tungreshwar wild life Sanctuary 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.: व/कक्ष-११/सर्वे/ १०१ 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 क्र. कक्ष-२/जमीन/४०६३/ दि २८/०३/२०१८

उपरोक्त संदर्भान्वये आम्ही वनक्षेत्र सक्षेक्षक, सर्वेक्षक. M/s. Fordham Counsultancy Pvt. Ltd.) यांचे प्रतिनिधी श्री. मिलिंद शेलार चे समवेत दि.०१/०४/२०१८ रोजी मौजे- कावेसर येथे जाऊन सदर कंपनीचे 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' 21.68" +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' 4.90", E 72° 58' 25.60" +5 6) N 19° 15' 4.88", E 72° 58' 27.30" +3
7) N 19° 15' 7.01", E 72° 58' 27.55" +4 8) N 19° 15' 8.98", 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' 23.57" +3 12) N 19° 15' 9.84", E 72° 58' 22.70" +5

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

या कार्यालयात उपलब्ध असलेल्या गांव नमुना नंबर १ मध्ये तपासणीकेली असता सदर क्षेत्राची नोंद आढळून येत नाही. तसेच स. नं. १४१ ला ठाणे वन विभागामार्फत खाजगी वने ३५/३ ची (WT ५४०/६.३१९५७) लागू असल्याचे कार्यालयात उपलब्ध असलेल्या अभिलेखावरून दिसून येत आहे.

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

सदरचे क्षेत्र नकाशावर दर्शवून नकाशासह अहवाल पुढील जरूरी कार्यवाहीसाठी सादर.

सहपत्र:- मुळ प्रकरण

वनसर्वेक्षक
संजय गांधी राष्ट्रीय उद्यान,
बोरीवली

वनक्षेत्रसर्वेक्षक
संजय गांधी राष्ट्रीय उद्यान,
बोरीवली

ENCLOSURE NO. 2

LAYOUT SHOWING WIDTH OF DRIVEWAYS



2ND FLOOR, NAKSHATRA, WING A, NEAR TMC, ALMEIDA ROAD, PANCHPAKHADI, THANE (W) - 400 601
TEL.: (022) 2537 8701 / 2536 4700 • saakaararchitects@yahoo.co.in • saakaar@saakaar.co.in



17/1/2020

To,
The Executive Engineer,
The Drainage Department,
Thane Municipal Corporation,
Thane.

कार्यकारी अभियंता
मलिनःस्सारण विभाग
आवक क्र. १४७७
दि. १७/०१/२०२०
ठाणे महानगरपालिका, ठाणे

Sub.:- Grant of No Objection Certificate for proposed Storm Water
Drainage for proposed development on plot bearing
S No. 206/2, 141/5, at village Kavesar, Tal. & Dist. Thane for
M/s. Ashank Macbricks Pvt. Ltd.

Ref : 1) V.P. No. S06/0310/18.
2) Permission Certificate No. V.P. No. S06/0310/18 /TMC/TDD/
3238/19 date 5/11/2019.
3) Amended Permission Certificate No. V.P. No.S06/0310/18/
TMC/TDD/3330/20 date 10/1/2020.

Sir,

With reference to above mentioned project the building Amended
Permission has been approved by Thane Municipal Corporation vide V.P.
No.S06/0310/18/TMC/TDD/3330/20 date 10/1/2020.

We have applied for Environmental Clearance to Environment
Department for the proposed development. We need your remarks for
existing Storm Water drain lines in the vicinity for our above said project for
Environmental Clearance.

We are submitting herewith copy of storm water/ surface drainage
layout and calculations from consultant for the above mentioned proposal.

We request you to issue us your remarks for allowing storm water drain
in to Municipal drains and No Objection regarding storm water/ surface
drainage layout at the earliest.

Thanking You,

Yours Faithfully,
For SAAKAAR

Ar. Sandeep Prabhu
Partner

Encl:- 1) Storm Water Drain layout.
2) Copy of approved municipal plan and Permission.

2ND FLOOR, NAKSHATRA, WING A, NEAR TMC, ALMEIDA ROAD, PANCHPAKHADI, THANE (W) - 400 601
TEL.: (022) 2537 8701 / 2536 4700 • saakaararchitects@yahoo.co.in • saakaar@saakaar.co.in



17/1/2020

To,
The Executive Engineer,
The Drainage Department,
Thane Municipal Corporation,
Thane.

कार्यकारी अभियंता
मलिनःस्साएण विभाग
आवक क्र. १४७६
दि. १७/०१/२०२०
ठाणे महानगरपालिका, ठाणे

Sub : Grant of No Objection Certificate for issuing Environmental Clearance for proposed development on plot bearing S No. 206/2, 141/5, at village Kavesar, Tal. & Dist. Thane for M/s. Ashank Macbricks Pvt. Ltd.

Ref : 1) V.P. No. S06/0310/18.
2) Permission Certificate No. V.P. No. S06/0310/18 /TMC/TDD/ 3238/19 date 5/11/2019.
3) Amended Permission Certificate No. V.P. No.S06/0310/18/TMC/ TDD/3330/20 date 10/1/2020.

Sir,

With reference to above mentioned project the building Amended Permission has been approved by Thane Municipal Corporation vide V.P. No.S06/0310/18/TMC/TDD/3330/20 date 10/1/2020.

We have applied for Environmental Clearance to Environment Department for the proposed development. We need your remarks for existing drain lines or sewerage lines in the vicinity for our above said project for Environmental Clearance.

We request you to issue us your NOC/remarks for the same at the earliest & oblige.

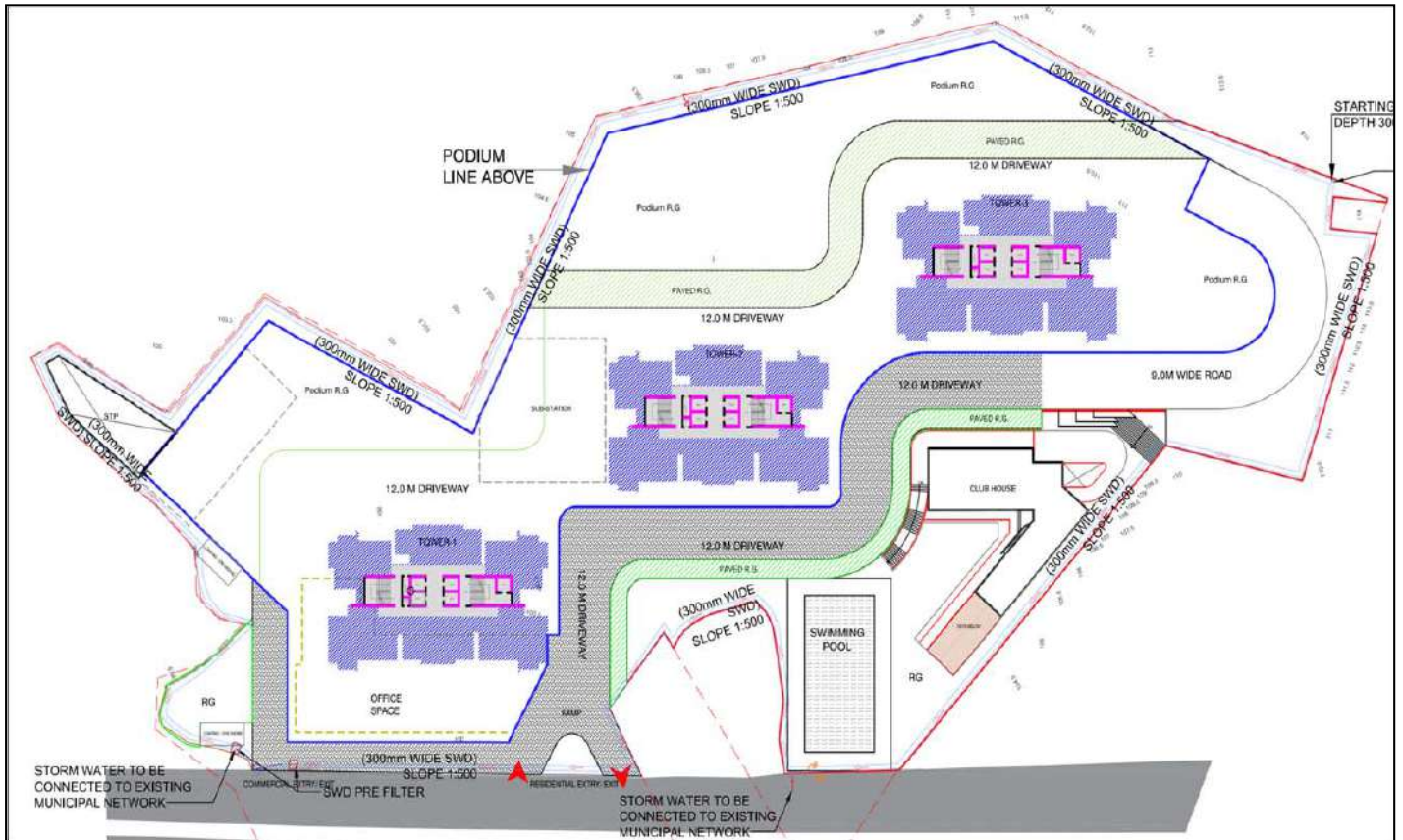
Thanking you.

Yours faithfully,
For SAKAAR




Ar. Sandeep Prabhu
Partner

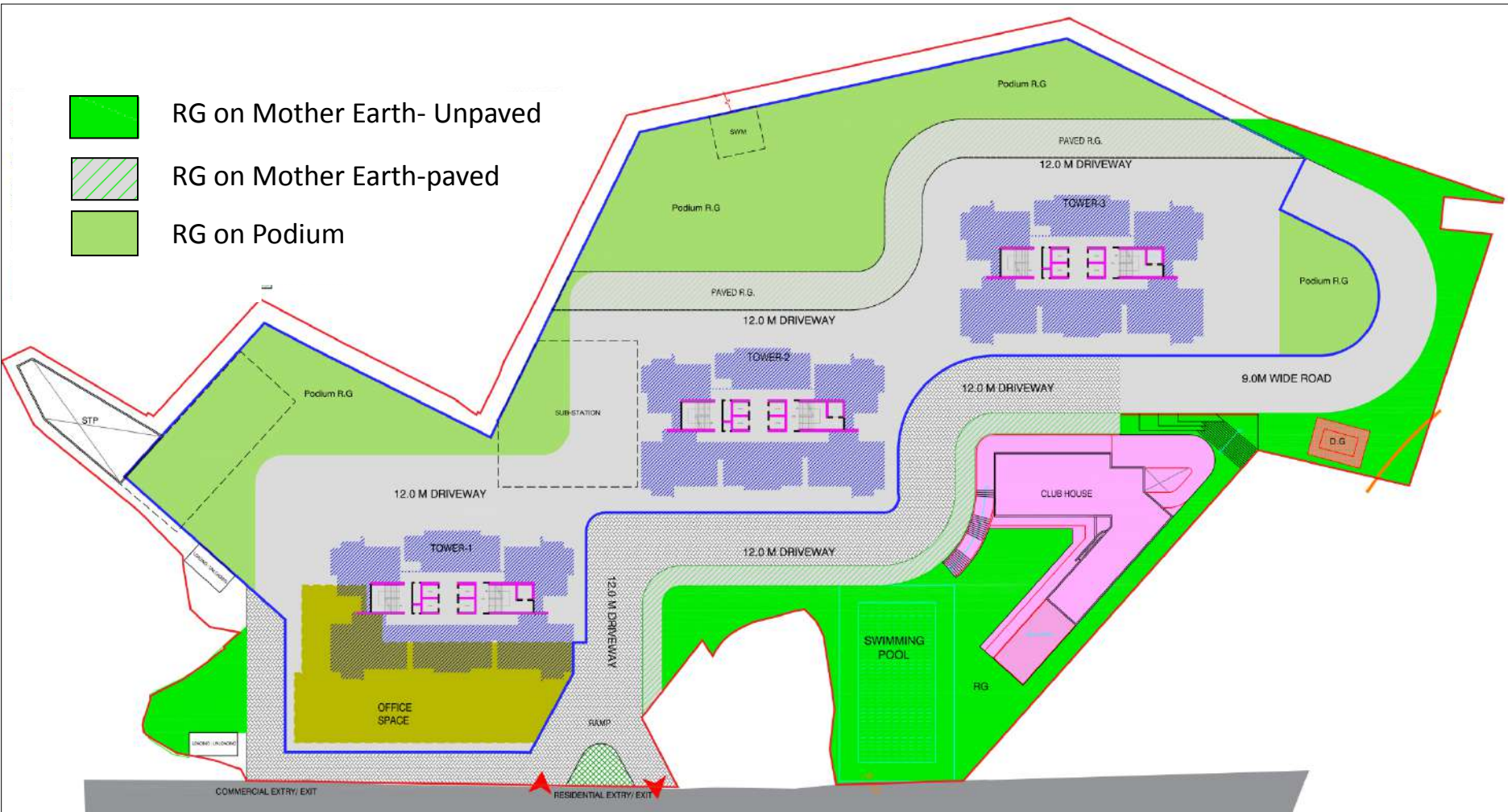
ENCLOSURE NO. 4

INTERNAL STORM WATER DRAINS LAYOUT



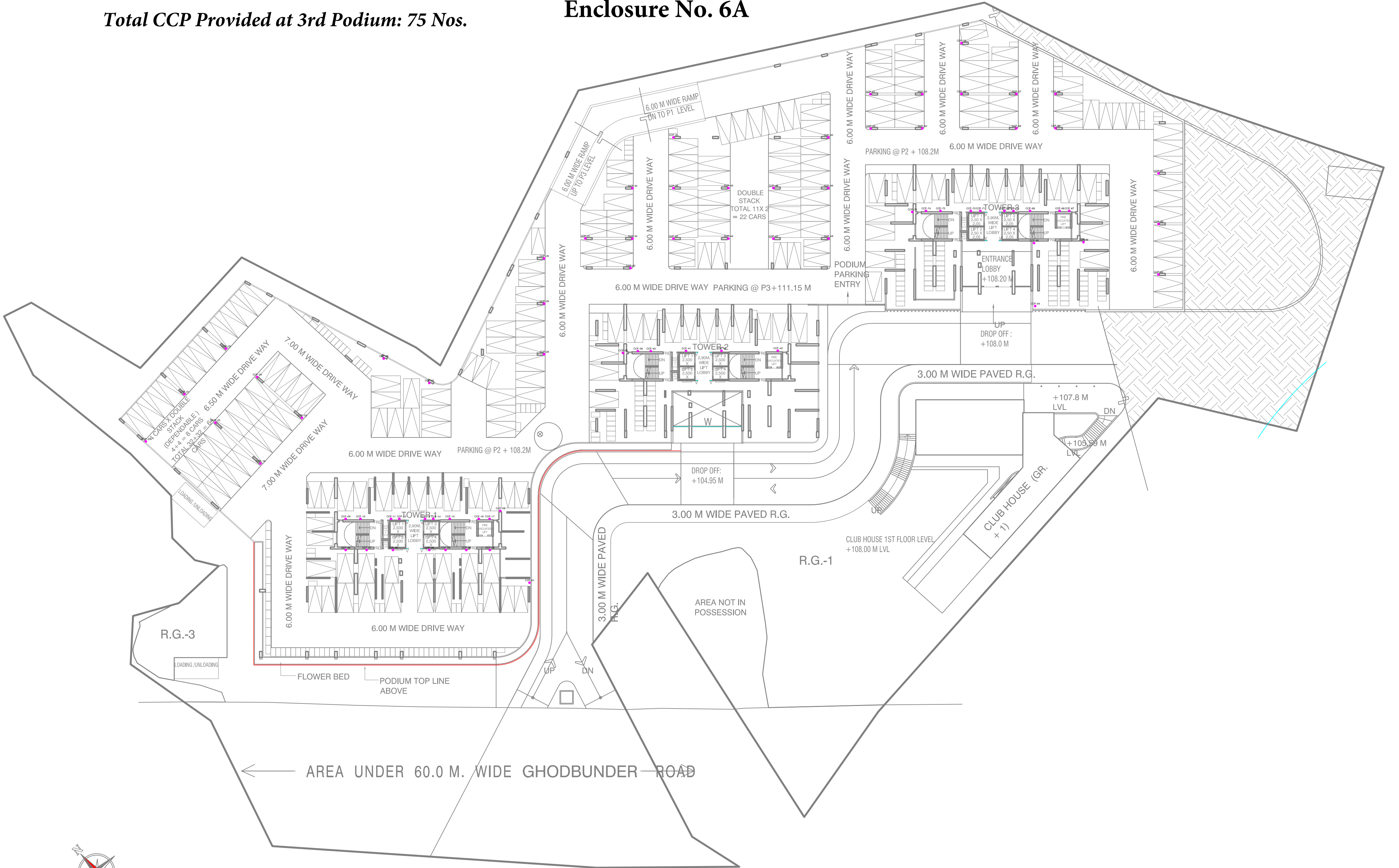
LAYOUT PLAN SHOWING RG AREA

-  RG on Mother Earth- Unpaved
-  RG on Mother Earth-paved
-  RG on Podium



Total CCP Provided at 3rd Podium: 75 Nos.

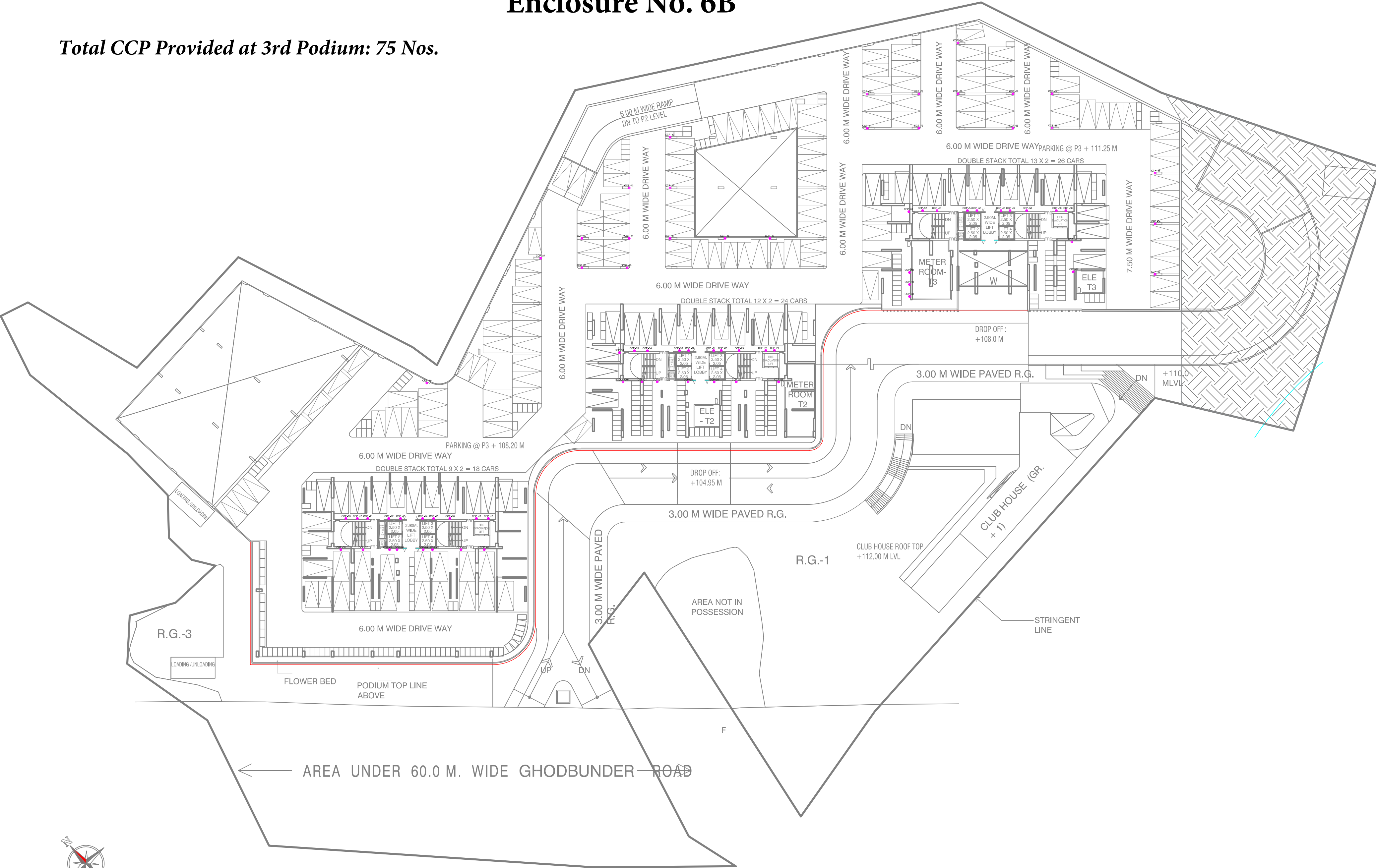
Enclosure No. 6A



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/CFB/TH/87/187

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



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

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

THE DETAILS OF STAIRCASES & LIFTS :-

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

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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.	2	3rd	66.71	84.12	25.35
		7 th	84.09	84.12	37.55
		12 th	84.09	84.12	52.80
		17 th	84.09	84.12	68.05
		22 nd	84.09	84.12	86.35
		27 th	84.09	84.12	101.60
		32 nd	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.	1	3rd	66.71	84.12	25.35
		7 th	84.09	84.12	37.55
		12 th	84.09	84.12	52.80
		17 th	84.09	84.12	68.05
		22 nd	84.09	84.12	86.35
		27 th	84.09	84.12	101.60
		32 nd	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

REFUGE AREA:

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.

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

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
		7 th	75.40	83.45	37.55
		12 th	75.40	83.45	52.80
		17 th	79.20	83.45	68.05
		22 nd	84.09	84.12	86.35
		27 th	84.09	84.12	101.60
		32 nd	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;

- 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.
- The plot is approachable by 60.00 M. wide Ghodbunder Road from West Side.
- Architect has proposed operational area for firefighting partly on Ground floor & partly on podium.
- 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.



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.



- 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



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 pull-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 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 mtrs. (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:

- The necessary facilities such as emergency lighting, drinking water etc. shall be provided.
- 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	1 st 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	2 nd floor	3.05	395.52	Rs. 600/- per Sq.M.	(7984.47 x Rs. 600/-)
8	3 rd floor	3.05	331.23		
9	4 th floor	3.05	395.52		
10	5 th floor	3.05	395.52		
11	6 th floor	3.05	395.52		
12	7 th floor	3.05	331.23		
13	8 th floor	3.05	395.52		
14	9 th floor	3.05	395.52		
15	10 th floor	3.05	395.52		
16	11 th floor	3.05	395.52		
17	12 th floor	3.05	331.23		
18	13 th floor	3.05	395.52		

19	14 th floor	3.05	395.52		
20	15 th floor	3.05	395.52		
21	16 th floor	3.05	395.52		
22	17 th floor	3.05	331.23		
23	Fire Check floor	3.05			
24	18 th floor	3.05	395.52		
25	19 th floor	3.05	395.52		
26	20 th floor	3.05	395.52		
27	21 st floor	3.05	395.52		
28	22 nd floor	3.05	331.23		
Total (B)		89.40	7984.47		Rs. 47,90,682.00
Above 92.00 M. height					
29	23 rd floor	3.05	395.52		
30	24 th floor	3.05	395.52		
31	25 th floor	3.05	395.52		
32	26 th floor	3.05	395.52		
33	27 th floor	3.05	331.23		
34	28 th floor	3.05	395.52		
35	29 th floor	3.05	395.52		
36	30 th floor	3.05	395.52		
37	31 st floor	3.05	395.52		
38	32 nd floor	3.05	331.23		
39	Service floor	2.60			
40	33 rd 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			
4	Podium level 3	4.45			
5	Stilt floor	3.05	215.65		
6	1 st floor	3.05	215.65		
Total Fire Premium Charges (A)		22.30	431.30		129390.00



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Fire Infrastructure Charges					
Above 25.00 M. to 92.00 M. height					
7	2 nd floor	3.05	395.44	Rs. 600/- per Sq.M.	(7983.19 x Rs. 600/-)
8	3 rd floor	3.05	331.23		
9	4th floor	3.05	395.44		
10	5th floor	3.05	395.44		
11	6 th floor	3.05	395.44		
12	7 th floor	3.05	331.23		
13	8 th floor	3.05	395.44		
14	9 th floor	3.05	395.44		
15	10 th floor	3.05	395.44		
16	11 th floor	3.05	395.44		
17	12 th floor	3.05	331.23		
18	13 th floor	3.05	395.44		
19	14 th floor	3.05	395.44		
20	15 th floor	3.05	395.44		
21	16 th floor	3.05	395.44		
22	17 th floor	3.05	331.23		
23	Fire Check floor	3.05			
24	18 th floor	3.05	395.44		
25	19 th floor	3.05	395.44		
26	20 th floor	3.05	395.44		
27	21 st floor	3.05	395.44		
28	22 nd floor	3.05	331.23		
Total (B)		89.40	7983.19		Rs. 47,89,914.00
Above 92.00 M. height					
29	23 rd floor	3.05	395.44	Rs. 1000/- per Sq.M.	(12240.47x Rs. 1000/-)
30	24 th floor	3.05	395.44		
31	25 th floor	3.05	395.44		
32	26 th floor	3.05	395.44		
33	27 th floor	3.05	331.23		
34	28 th floor	3.05	395.44		
35	29 th floor	3.05	395.44		
36	30 th floor	3.05	395.44		
37	31 st floor	3.05	395.44		
38	32 nd floor	3.05	331.23		
39	Service floor	2.60			
40	33 rd 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	1 st 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	2 nd floor	3.05	367.19	Rs. 600/- per Sq.M.	(7464.50 x Rs. 600/-)
8	3 rd floor	3.05	316.63		
9	4th floor	3.05	367.19		
10	5th floor	3.05	367.19		
11	6 th floor	3.05	367.19		
12	7 th floor	3.05	316.63		
13	8 th floor	3.05	367.19		
14	9 th floor	3.05	367.19		
15	10 th floor	3.05	367.19		
16	11 th floor	3.05	367.19		
17	12 th floor	3.05	316.63		
18	13 th floor	3.05	367.19		
19	14 th floor	3.05	367.19		
20	15 th floor	3.05	357.21		
21	16 th floor	3.05	352.24		
22	17 th floor	3.05	306.67		
23	Fire Check floor	3.05			
24	18 th floor	3.05	352.24		
25	19 th floor	3.05	352.24		
26	20 th floor	3.05	395.44		
27	21 st floor	3.05	395.44		
28	22 nd floor	3.05	331.23		
Total (B)		89.40	7464.50		Rs. 44,78,700.00
Above 92.00 M. height					
29	23 rd floor	3.05	395.44	Rs. 1000/- per Sq.M.	(3825.98x Rs.1000/-)
30	24 th floor	3.05	395.44		



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31	25 th floor	3.05	395.44	
32	26 th floor	3.05	395.44	
33	27 th floor	3.05	331.23	
34	28 th floor	3.05	395.44	
35	29 th floor	3.05	395.44	
36	30 th floor	3.05	395.44	
37	31st floor	3.05	395.44	
38	32 nd 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	529390.00	8617302.00	887557.00
2	(P1)+2nd Podium (P2)+ 3rd	129390.00	8615894.00	
3	Podium (P3) + St + 1st to 33rd floors	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

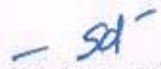
Architect has certified the area & accordingly paid the various fees, Architect has verified & submitted the table of area along with fees paid. If any differences in fee paid or any queries objected by the auditor then balance fees to be paid by the Architect / Developer or

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.


Chief Fire Officer
Thane Fire Brigade

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




Chief Fire Officer
Thane Fire Brigade



18/1/2020

To,
The Assistant Director of Town Planning,
Member Secretary, High Rise Committee,
Thane Municipal Corporation,
Thane.

Sub:- Grant of No Objection Certificate from High Rise Committee for Proposed Tower 1,2 & 3 on plot bearing S No. 206/2, 141/5, at village Kavesar, Tal. & Dist. Thane for M/s. Ashank Macbricks Pvt. Ltd.

Ref:- 1) V.P. No. S06/0310/18.
2) Permission Certificate No. V.P. No. S06/0310/18 /TMC/TDD/ 3238/19 date 5/11/2019.
3) Amended Permission Certificate No. V.P. No.S06/0310/18/TMC/ TDD/3330/20 date 10/1/2020.
4) CFO NOC for Tower 1,2 & 3 vide No. TMC/CFO/M/ HRC / 87/87 dtd. 20/11/2019.
5) Govt. Notification No. TPS-1216/2930/CR-71/17/UD-12 dtd 7/9/2017
6) High Rise Committee constituted vide Govt. Notification No. TPS- 1216/2930/CR-71/17/UD-12 dated 16/1/2018.

Sir,

With reference to above mentioned project, Permission has been approved on 5/11/2019 and Amended Permission has been issued on 10/1/2020 for building 1, 2 & 3 (Ground/Podium + Upper 3 level Podiums + St + 1st to 17th floor + Fire Check floor + 18th to 32nd floor + Fitness floor ; Height = 126.70 m) by Thane Municipal Corporation .

No Objection Certificate has been approved by Fire Brigade Department, Thane for Towers with floors as follows :-

Building Type	Floors	Height (In M.)
1	Ground/Podium + Upper 3 level Podiums + St + 1 st to 17 th floor + Fire Check floor + 18 th to 33 rd floors	126.70 M.
2		
3		

डा. महानगरपालिका
शहर विकास विभाग
आवक क्र. २५६३
दिनांक: १५/१/२०

Copy of NOC from Fire Brigade Department is enclosed herewith.

As per Government Notification dated 7/9/2017 regarding High Rise Committee approval for building height more than 70 M., we are submitting herewith one set of approved building plans and layout with floors as follows :-

Building Type	Floors	Height (In M.)
1	Ground/Podium + Upper 3 level Podiums + St + 1 st to 17 th floor + Fire Check floor + 18 th to 33 rd floors	126.70 M.
2		
3		

We request you to scrutinize the proposal and grant your No Objection Certificate for Tower 1, 2 & 3 from High Rise Committee at the earliest.

Thanking you,

Yours faithfully,
For SAAKAAR



Ar. Sandeep Prabhu
Partner

Encl :-

1. Appendix 'A'
2. Structural design basis report & Check list
3. Geotech Consultant's report
4. Traffic Simulation Report
5. Structural drawings from RCC Consultant.
6. C.D. containing E-tab model.
7. Approved layout and building plans dated 10.01.2020

Enclosure No. 9A

Ashank Macbricks Private Limited
Regd Office: Godrej One,
5th Floor, Pirojshanagar
Eastern Express Highway
Vikhroli East- Mumbai – 400079
Tel-022 -61695500
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.	Tareltac – 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	<ul style="list-style-type: none">• 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 -61695500
 CIN: U70100MH2017PTC302864

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

Ashank Macbricks

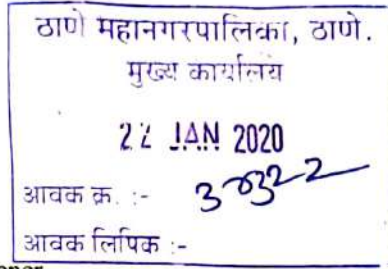
M/s. Ashank Macbricks Pvt. Ltd.

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 undertaken under CER accordingly when implemented shall be beneficial to the environment and the general public at large.

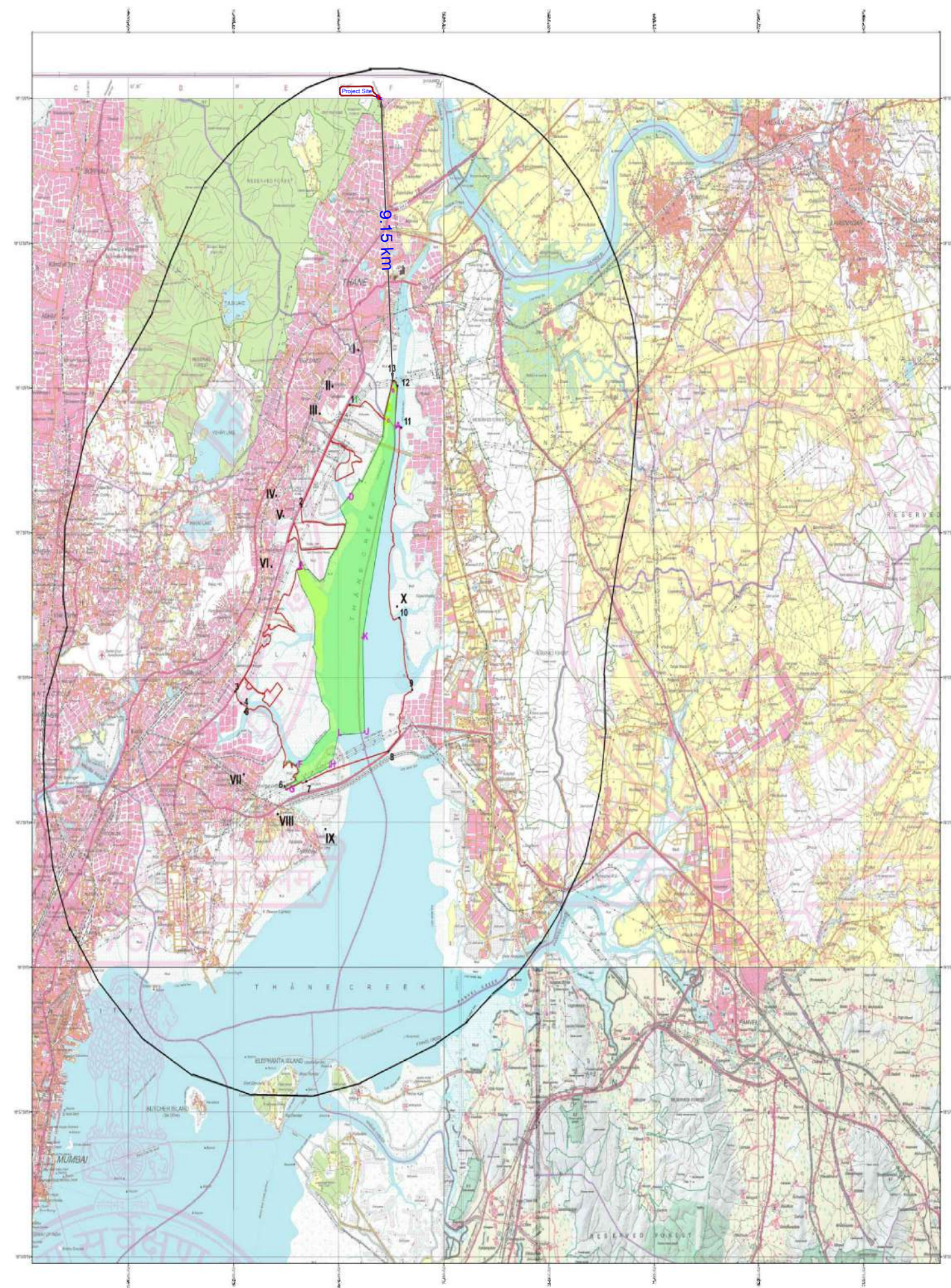
Thanking you,

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



N
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.

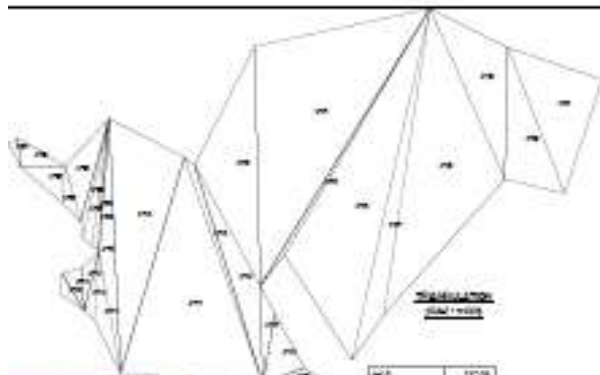


Table 1: Building Footprints

Building	Area (sq. m)	Volume (cu. m)	Height (m)
Building 1	1000	1000	10
Building 2	1500	1500	15
Building 3	2000	2000	20
Building 4	2500	2500	25
Building 5	3000	3000	30
Building 6	3500	3500	35
Building 7	4000	4000	40
Building 8	4500	4500	45
Building 9	5000	5000	50
Building 10	5500	5500	55
Building 11	6000	6000	60
Building 12	6500	6500	65
Building 13	7000	7000	70
Building 14	7500	7500	75
Building 15	8000	8000	80
Building 16	8500	8500	85
Building 17	9000	9000	90
Building 18	9500	9500	95
Building 19	10000	10000	100
Building 20	10500	10500	105
Building 21	11000	11000	110
Building 22	11500	11500	115
Building 23	12000	12000	120
Building 24	12500	12500	125
Building 25	13000	13000	130
Building 26	13500	13500	135
Building 27	14000	14000	140
Building 28	14500	14500	145
Building 29	15000	15000	150
Building 30	15500	15500	155
Building 31	16000	16000	160
Building 32	16500	16500	165
Building 33	17000	17000	170
Building 34	17500	17500	175
Building 35	18000	18000	180
Building 36	18500	18500	185
Building 37	19000	19000	190
Building 38	19500	19500	195
Building 39	20000	20000	200
Building 40	20500	20500	205
Building 41	21000	21000	210
Building 42	21500	21500	215
Building 43	22000	22000	220
Building 44	22500	22500	225
Building 45	23000	23000	230
Building 46	23500	23500	235
Building 47	24000	24000	240
Building 48	24500	24500	245
Building 49	25000	25000	250
Building 50	25500	25500	255
Building 51	26000	26000	260
Building 52	26500	26500	265
Building 53	27000	27000	270
Building 54	27500	27500	275
Building 55	28000	28000	280
Building 56	28500	28500	285
Building 57	29000	29000	290
Building 58	29500	29500	295
Building 59	30000	30000	300
Building 60	30500	30500	305
Building 61	31000	31000	310
Building 62	31500	31500	315
Building 63	32000	32000	320
Building 64	32500	32500	325
Building 65	33000	33000	330
Building 66	33500	33500	335
Building 67	34000	34000	340
Building 68	34500	34500	345
Building 69	35000	35000	350
Building 70	35500	35500	355
Building 71	36000	36000	360
Building 72	36500	36500	365
Building 73	37000	37000	370
Building 74	37500	37500	375
Building 75	38000	38000	380
Building 76	38500	38500	385
Building 77	39000	39000	390
Building 78	39500	39500	395
Building 79	40000	40000	400
Building 80	40500	40500	405
Building 81	41000	41000	410
Building 82	41500	41500	415
Building 83	42000	42000	420
Building 84	42500	42500	425
Building 85	43000	43000	430
Building 86	43500	43500	435
Building 87	44000	44000	440
Building 88	44500	44500	445
Building 89	45000	45000	450
Building 90	45500	45500	455
Building 91	46000	46000	460
Building 92	46500	46500	465
Building 93	47000	47000	470
Building 94	47500	47500	475
Building 95	48000	48000	480
Building 96	48500	48500	485
Building 97	49000	49000	490
Building 98	49500	49500	495
Building 99	50000	50000	500
Building 100	50500	50500	505



Table 2: Building Dimensions

Building	Length (m)	Width (m)	Height (m)
Building 1	10	10	10
Building 2	15	15	15
Building 3	20	20	20
Building 4	25	25	25
Building 5	30	30	30
Building 6	35	35	35
Building 7	40	40	40
Building 8	45	45	45
Building 9	50	50	50
Building 10	55	55	55
Building 11	60	60	60
Building 12	65	65	65
Building 13	70	70	70
Building 14	75	75	75
Building 15	80	80	80
Building 16	85	85	85
Building 17	90	90	90
Building 18	95	95	95
Building 19	100	100	100
Building 20	105	105	105
Building 21	110	110	110
Building 22	115	115	115
Building 23	120	120	120
Building 24	125	125	125
Building 25	130	130	130
Building 26	135	135	135
Building 27	140	140	140
Building 28	145	145	145
Building 29	150	150	150
Building 30	155	155	155
Building 31	160	160	160
Building 32	165	165	165
Building 33	170	170	170
Building 34	175	175	175
Building 35	180	180	180
Building 36	185	185	185
Building 37	190	190	190
Building 38	195	195	195
Building 39	200	200	200
Building 40	205	205	205
Building 41	210	210	210
Building 42	215	215	215
Building 43	220	220	220
Building 44	225	225	225
Building 45	230	230	230
Building 46	235	235	235
Building 47	240	240	240
Building 48	245	245	245
Building 49	250	250	250
Building 50	255	255	255
Building 51	260	260	260
Building 52	265	265	265
Building 53	270	270	270
Building 54	275	275	275
Building 55	280	280	280
Building 56	285	285	285
Building 57	290	290	290
Building 58	295	295	295
Building 59	300	300	300
Building 60	305	305	305
Building 61	310	310	310
Building 62	315	315	315
Building 63	320	320	320
Building 64	325	325	325
Building 65	330	330	330
Building 66	335	335	335
Building 67	340	340	340
Building 68	345	345	345
Building 69	350	350	350
Building 70	355	355	355
Building 71	360	360	360
Building 72	365	365	365
Building 73	370	370	370
Building 74	375	375	375
Building 75	380	380	380
Building 76	385	385	385
Building 77	390	390	390
Building 78	395	395	395
Building 79	400	400	400
Building 80	405	405	405
Building 81	410	410	410
Building 82	415	415	415
Building 83	420	420	420
Building 84	425	425	425
Building 85	430	430	430
Building 86	435	435	435
Building 87	440	440	440
Building 88	445	445	445
Building 89	450	450	450
Building 90	455	455	455
Building 91	460	460	460
Building 92	465	465	465
Building 93	470	470	470
Building 94	475	475	475
Building 95	480	480	480
Building 96	485	485	485
Building 97	490	490	490
Building 98	495	495	495
Building 99	500	500	500
Building 100	505	505	505

Table 3: Building Area

Building	Area (sq. m)
Building 1	1000
Building 2	1500
Building 3	2000
Building 4	2500
Building 5	3000
Building 6	3500
Building 7	4000
Building 8	4500
Building 9	5000
Building 10	5500
Building 11	6000
Building 12	6500
Building 13	7000
Building 14	7500
Building 15	8000
Building 16	8500
Building 17	9000
Building 18	9500
Building 19	10000
Building 20	10500
Building 21	11000
Building 22	11500
Building 23	12000
Building 24	12500
Building 25	13000
Building 26	13500
Building 27	14000
Building 28	14500
Building 29	15000
Building 30	15500
Building 31	16000
Building 32	16500
Building 33	17000
Building 34	17500
Building 35	18000
Building 36	18500
Building 37	19000
Building 38	19500
Building 39	20000
Building 40	20500
Building 41	21000
Building 42	21500
Building 43	22000
Building 44	22500
Building 45	23000
Building 46	23500
Building 47	24000
Building 48	24500
Building 49	25000
Building 50	25500
Building 51	26000
Building 52	26500
Building 53	27000
Building 54	27500
Building 55	28000
Building 56	28500
Building 57	29000
Building 58	29500
Building 59	30000
Building 60	30500
Building 61	31000
Building 62	31500
Building 63	32000
Building 64	32500
Building 65	33000
Building 66	33500
Building 67	34000
Building 68	34500
Building 69	35000
Building 70	35500
Building 71	36000
Building 72	36500
Building 73	37000
Building 74	37500
Building 75	38000
Building 76	38500
Building 77	39000
Building 78	39500
Building 79	40000
Building 80	40500
Building 81	41000
Building 82	41500
Building 83	42000
Building 84	42500
Building 85	43000
Building 86	43500
Building 87	44000
Building 88	44500
Building 89	45000
Building 90	45500
Building 91	46000
Building 92	46500
Building 93	47000
Building 94	47500
Building 95	48000
Building 96	48500
Building 97	49000
Building 98	49500
Building 99	50000
Building 100	50500



Table 4: Building Area

Building	Area (sq. m)
Building 1	1000
Building 2	1500
Building 3	2000
Building 4	2500
Building 5	3000
Building 6	3500
Building 7	4000
Building 8	4500
Building 9	5000
Building 10	5500
Building 11	6000
Building 12	6500
Building 13	7000
Building 14	7500
Building 15	8000
Building 16	8500
Building 17	9000
Building 18	9500
Building 19	10000
Building 20	10500
Building 21	11000
Building 22	11500
Building 23	12000
Building 24	12500
Building 25	13000
Building 26	13500
Building 27	14000
Building 28	14500
Building 29	15000
Building 30	15500
Building 31	16000
Building 32	16500
Building 33	17000
Building 34	17500
Building 35	18000
Building 36	18500
Building 37	19000
Building 38	19500
Building 39	20000
Building 40	20500
Building 41	21000



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 Maharashtra Regional and Town Planning Act, 1966 to carry out development work and or to erect 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 Disease 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 15th 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

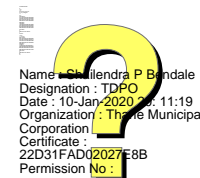
- 1 Condition Mentioned in Permission No. TMC/TDO/3238/19 dt. 5.11.2019 will be binding.
- 2 According to Affidavit dated 1.1.2020 submitted by applicant, he as requested to utilise regular TDR in lieu of slum TDR as it was not available to him from Market.

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.

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.

SEIAA Meeting No: 187 Meeting Date: February 7, 2020 (SEIAA-
STATEMENT-0000001717)
SEIAA-MINUTES-0000003016
SEIAA-EC-0000002148

Page 1 of 13

Shri. Anil Diggikar (Member Secretary
SEIAA)

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



Government of Maharashtra

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	

Maharashtra

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

Government of
Maharashtra

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			



Government of Maharashtra

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:	
<ul style="list-style-type: none"> • 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 (inflammable/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

Government of
Maharashtra

	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. ; Tungreshwar 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 roads.
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 be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for 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 effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate 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, 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.
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, 1st Floor, 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./शवि/वियोअंक-२९३

दिनांक - २३/०३/२०१८

प्रति,

श्री. जोशी देशावरे (वा.वी)

रा. ए-२/१, ए- विंग अॅशर आय टी पार्क

रोड नं १६४, 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,

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

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

मुख्य वनसंरक्षक व संचालक संजय गांधी राष्ट्रीय उद्यान बोरीवली (पुर्व) मुंबई.६६ यांचे कार्यालयाकडील पत्र क्र.कक्ष-ब११/सर्व्हे/१८१३सन.२०१५-१६ दि.१३/१०/२०१५ रोजीचे पत्रासोबतचे तसेच पर्यावरण, वन व जलवायु परिवर्तन मंत्रालय, भारत सरकार यांचे कडील अधिसूचना क्र.२८६१ दि. ५ डिसेंबर २०१६ मधील संजय गांधी राष्ट्रीय उद्यानाच्या सभोवताली पर्यावरण संवेदनशील क्षेत्राची हद्द दर्शविणा-या Eco Sensitive Zone नकाशा नुसार विषयांकीत जमिनीपैकी स.नं. १४१/५ या जमिनीचे भागशः क्षेत्र Eco Sensitive Zone चे परिक्षेत्रात येत आहे. तसेच सदर अधिसूचनेसोबत प्राप्त झालेल्या Eco Sensitive Zone मध्ये अंतर्भूत असलेल्या गावनिहाय यादीत विषयांकित जमिनीपैकी स.नं. १४१ पै. 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 मंजूर 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 हद्द आपण सदर अर्जा सोबत सादर केलेल्या विषयांकीत जमिनीचे मोजणी नकाशाचे प्रतीवरून (मो.र.नं. ११८/२००२ व मो.र.नं. १८१८/०३ दि.२८/०२/०३) तयार केलेल्या नकाशावर दर्शविल्या आहेत.



आपला,

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

रस्ता
लागु

INDUSTRIAL ZONE

स.नं. २०६
हि.नं. २

— याप्रमाणे मंजूर स्थापित
विकास योजनेच्या तालुदी
दर्शविल्या आहेत.



RESIDENTIAL
ZONE

स.नं. १४१
हि.नं. ५

हि.नं. ३

KEO SENSITIVE
ZONE FROM SANJAY
GANDHI NATIONAL
PARK BOUNDARY

हि.नं. ६

SCALE - 1 : 1000

PLOT BEARING SR.NO. 206/2, SR.NO. 141/5
AT VILLAGE:- KAVESAR, TAL: THANE, DIST: THANE.



JOSHI DESHAWARE

ASSOCIATES

ARCHITECTS, PLANNERS
A-20, A Wing, 2nd Floor, Subart Park, Near Agriculture Office,
Road No. 102, Wagle Industrial Estate, Thane (M) 400 604.
Phone : + 91 22 2582 7880 / 2582 0110
E-mail : joshi_deshaware@yahoo.co.in, joshi_deshaware@gmail.com
www.joshideshare.com

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

No:- Format1.0/CAC-CELL/UAN No.0000088205/CE - 2006001172

Date: 26/06/2020

To,
M/s Ashank Macbricks Pvt. Ltd., S. No.
206/2 & 141/5, Kavesar, Thane - 400607.

Sub: Grant of Consent to Establish for Residential and Commercial Development project under Red Category

Ref: 1. Environment Clearance accorded by Env. Dept., GoM vide No. SEIAA-EC-0000002148 dtd. 28/02/2020.
2. Minutes of Consent Appraisal Committee meeting held on 15/05/2020.

Your application NO. MPCB-CONSENT-0000088205

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 of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary 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:

- The Consent to Establish is granted for a period upto commissioning of project**
- The capital investment of the project is Rs.400 Crs. (As per undertaking submitted by pp).**
- The Consent to Establish is valid for for Residential and Commercial Development project of M/s Ashank Macbricks Pvt. Ltd. at plot bearing S. Nos. 206/2 & 141/5, Kavesar, Thane - 400607 on total plot area 17,220.00 sq. mtrs. for total construction BUA 88,823.11 sq. mtrs. as per Environment Clearance granted dated 28/02/2020 and construction permission issued by Local Body including utilities and services.**
- Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	359	As per Schedule - I	60% recycle for secondary/ utility purposes and remaining for gardening

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

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



Maharashtra Pollution Control Board

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6. Conditions under Solid Waste Rules, 2016:

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Dry waste	821 Kg/Day	Segregation	Local Body/ Auth. Vendor
2	Wet waste	548 Kg/Day	OWC followed by composting	Used as Manure
3	STP Sludge	54 Kg/Day	Filter press	Used as Manure

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used /spent oil	100	Ltr/A	Recycle	Sale to Auth. Party/ Recycler

- 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 to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.
- 11 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 utilized on land for gardening.
- 12 PP shall install organic waste digester along with composting facility/bio digester (biogas) with composting facility for the treatment of wet garbage.
- 13 PP shall install organic waste digester along with composting facility/bio digester (biogas) with composting facility for the treatment of wet garbage.
- 14 PP shall comply with the conditions stipulated in Environment Clearance & Consent to Establish.
- 15 PP shall furnish Bank Guarantee of Rs. 25 Lakh towards compliance of Environment Clearance and Consent to Establish conditions.

For and on behalf of the
Maharashtra Pollution Control Board.

(E. Ravendran IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	800000.00	5459120	24/02/2020	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
3. CC-CAC Desk- for record & website updating purpose.



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 **460 CMD for treatment of domestic effluent of 359 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	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	Residual Chlorine	1ppm

- C) The treated domestic effluent shall be 60% recycled for secondary/ utility purposes such as toilet flushing, air-conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening. In no case, effluent shall find its way outside Project's premise.

- 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	414.00
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.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S-1	DG Set (1010 KVA)	Acoustic Enclosure/ Stack	7.5	HSD	270 Ltr/Hr

- 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/Nm ³
-------------------------	---------------	------------------------

- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement 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:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - 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	CTE	2500000	Within 15 days	Towards compliance of EC & consent to establish conditions	31.05.2025	30.09.2025

** 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						



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 siting 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.



Maharashtra Pollution Control Board

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- 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.



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/SASHANK 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-387/10-2021

ISSUE DATE : 28/10/2021

YOUR REF. : LOI

REF. DATE : 16/12/2020

SAMPLE PARTICULARS

Sampling Plan Ref. No.: : C-22/06-2021
Sample Registration Date : 22/06/2021
Date of Sampling : 21/06/2021 to 22/06/2021
Time of Sampling : 09:30 Hrs. to 09:30 Hrs.
Analysis Starting Date : 22/06/2021
Analysis Completion Date : 24/06/2021
Sample Lab Code : UT/ELS/C-117/06-2021
Ambient Air Temperature : 28.1°C to 32.8°C

AMBIENT AIR QUALITY MONITORING

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 : 68.0 % to 88.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO ₂)	IS 5182 (Part 02) : 2001	13	µg/m ³
2.	Oxides of Nitrogen (NO _x)	IS 5182 (Part 06) : 2006	24	µg/m ³
3.	Particulate Matter (PM ₁₀)	EPA/625/R-96/010a Method IO-2.1	79	µg/m ³
4.	Particulate Matter (PM _{2.5})	CPCB Guidelines, Vol-I, NAAQMS/36/2012-13	30	µg/m ³
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.4	mg/m ³

†: Sampling Period 1 Hr.

Opinions / Interpretations: National Ambient Air Quality Monitoring Standard, Part III- Section IV 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 - 02/10/2021
	Fine Dust Sampler	Make - Polltech; Model - PEM-ADS 2.5/10µ; Sr. No. 18213	Valid up to - 05/01/2022

- Note:**
1. This test report refers only to the sample tested.
 2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
 3. This test report may not be reproduced in part, without the permission of this laboratory.
 4. Any correction invalidates this test report.
 5. Weather was Sunny & clear during sampling period.

- END OF REPORT -



For ULTRA-TECH,

(Authorized Signatory)

ANNEXURE-I

NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV

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

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

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

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

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

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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-388/10-2021**ISSUE DATE** : 28/10/2021**YOUR REF.** : LOI**REF. DATE** : 16/12/2020**SAMPLE PARTICULARS****Sampling Plan Ref. No.** : C-22/06-2021**Date of Monitoring** : 21/06/2021**NOISE LEVEL QUALITY MONITORING****Sample Lab Code** : UT/ELS/C-118/06-2021**Survey Done By** : ULTRATECH

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	At Project Site	10:00 to 10:05	54.1	22:00 to 22:05	44.0

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 - 12/12/2021

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

For ULTRA-TECH,

(Authorized Signatory)



ANNEXURE-II

THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

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

• SCHEDULE

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

Ambient Air Quality Standards in respect of Noise

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

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

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

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

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

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

• CONSTRUCTION ACTIVITIES

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

• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE

(The Model Rules Of The Factories Act, 1948)

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

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

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

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

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.

Tel : +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-389/10-2021**ISSUE DATE** : 28/10/2021**YOUR REF.** : LOI**REF. DATE** : 16/12/2020**SAMPLE PARTICULARS****Sampling Plan Ref. No.** : C-22/06-2021
Sample Registration Date : 22/06/2021
Date & Time of Sampling : 21/06/2021 at 17:00Hrs
Analysis Starting Date : 22/06/2021
Analysis Completion Date : 29/06/2021
Sample Collected By : ULTRA-TECH
Sample Lab Code : UT/ELS/C-119/06-2021**SOIL QUALITY MONITORING****Sample Type** : Surface Soil (at 15cm depth)
Sample Location : At Project site
Sample Quantity & Packing Details : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Colour	-	Brown	-
2.	Moisture Content	IS:2720 (Part 2) : 1973	4.6	%
3.	Bulk Density	UT/LQMS/SOP/S03	1155	kg/m ³
4.	Organic Matter	IS:2720 (Part 22) : 1972	1.0	%
5.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.6	%
6.	pH	IS:2720 (Part 26) : 1987	7.7	-
7.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.560	mS/cm
8.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	95	mg/kg
9.	Magnesium as Mg (Water Extractable)	UT/LQMS/SOP/S22	91	mg/kg
10.	Chlorides as Cl ⁻ (Water Extractable)	UT/LQMS/SOP/S23	147	mg/kg
11.	Sulphate as SO ₄ ²⁻ (Water Extractable)	UT/LQMS/SOP/S24	167	mg/kg
12.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.0	(meq/kg) ^{1/2}
13.	Cation Exchange Capacity	UT/LQMS/SOP/S18	24.6	meq/100g
14.	Water Holding Capacity	UT/LQMS/SOP/S12	55.3	%
15.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.9	mg/kg
16.	Phosphorous as P ₂ O ₅ (Available)	UT/LQMS/SOP/S28	63	kg/ha
17.	Potassium as K ₂ O (Available)	UT/LQMS/SOP/S29	220	kg/ha
18.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	179	Kg/ha
19.	Iron as Fe	UT/LQMS/SOP/S35 & S37	73514	mg/kg
20.	Zinc as Zn	UT/LQMS/SOP/S35 & S37	96	mg/kg

Opinions / Interpretations: NIL**Note:**
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For ULTRA-TECH

(Authorized Signatory)

Date: 02.01.2019

CERTIFICATE OF STABILITY OF STRUCTURE

Proposal: Proposed buildings on plot bearing S. No. 206/2 & 141/5, at Village Kavesar, Thane (W), Maharashtra for M/s. Ashank Macbricks Pvt. Ltd.

Respected Sir,


We M/s. Gokani Consultants and Engineers LLP have undertaken assignment as Consulting Structural Engineers for the work of development on the above referred property for M/s. Ashank Macbricks Pvt. Ltd.

This is to state that the proposed 3 towers with Lower ground, Ground, Upper Ground, 2 Podium levels, Stilt, 1st to 38th floors building will be designed and detailed as per IS: 456, IS: 875 (part 1 to 4), IS: 1893 (part 1) & IS: 13920. The design of the said towers will be safe & stable to resist the forces as per stated codes.

Thanking you,

Yours faithfully,

For M/s. Gokani Consultants and Engineers LLP


VATSAL GOKANI
Reg. No. 1110/SE/2016

