


Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)

Subject: Environment Clearance for Amendment/ Expansion in EC for proposed residential & commercial Project "Sri Swati CHS" at C.T.S. Nos: 276, 276/1 to 16, 277, 277/1 to 6 & 782 of village Borla, Govandi, Mumbai by Tridhaatu Ventures LLP

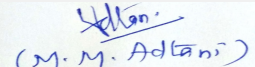
Is a Violation Case: No

1.Name of Project	Tridhaatu Ventures LLP
2.Type of institution	Private
3.Name of Project Proponent	Tridhaatu Venture LLP
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment/ Expansion in EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, We have obtained EC vide letter no. SEAC-2013/CR-67/TC-1 dt. 04/09/2014 for the plot area 8,734 m ² , FSI area 21,485.35 m ² and Total Construction area 38,804.3 m ² .
8.Location of the project	C.T.S. Nos: 276, 276/1 to 16, 277, 277/1 to 6 & 782 of village Borla, Govandi, Mumbai - 400088.
9.Taluka	Govandi
10.Village	Borla
Correspondence Name:	Mrs. Poonam Ajmera , Tridhaatu Venture LLP
Room Number:	-
Floor:	5th floor
Building Name:	B-wing, Shrikant Chambers
Road/Street Name:	Next to R.K.studio, Sion Trombay Rd
Locality:	Chembur
City:	Mumbai-400088
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	As per amended approval MCGM letter No CHE/ES/0264/M/W/337 (New) /CE /6434 /BPES/AM dated 09/03/2017 IOD/IOA/Concession/Plan Approval Number: As per amended approval MCGM letter No CHE/ES/0264/M/W/337 (New) /CE /6434 /BPES/AM dated 09/03/2017 Approved Built-up Area: 29755.60
13.Note on the initiated work (If applicable)	Yes, construction work is in progress as per the EC received. As of today, we have constructed 20,740 m ² (FSI: 14,072 m ² and Non-FSI area: 6668 m ²)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	8,733.32 m ²
16.Deductions	183.35 m ²
17.Net Plot area	8,549.97 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 28,246.45 m ² b) Non FSI area (sq. m.): 28,293.01 m ² c) Total BUA area (sq. m.): 56539.46
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 14144.19 m ² Approved Non FSI area (sq. m.): 15611.41m ² Date of Approval: 09-03-2017
19.Total ground coverage (m2)	5542.89 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	63.46 %
21.Estimated cost of the project	2960000000


Mr. Surykant Nikam
(Secretary SEAC-II)

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(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

22. Number of buildings & its configuration


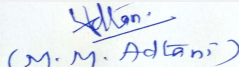
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	St + 4 Podiums +5th to 21st upper floors	69.75
2	Wing B	St + 4 Podiums +5th to 21st upper floors	69.75
3	Wing C	St + 4 Podiums +5th to 21st upper floors	69.75
4	Wing D	Stilt + 4 Podiums +5th to 21st upper floors	69.75
5	Wing E	St + 3 Podiums +5th to 21st upper floors	69.75

23. Number of tenants and shops	Flats: 313 Nos. Commercial area: 200 m2
24. Number of expected residents / users	1,585 Nos.
25. Tenant density per hectare	256/ha
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.90 m D.P. road.
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29. Existing structure (s) if any	NA
30. Details of the demolition with disposal (If applicable)	-


31. Production Details

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

32. Total Water Requirement

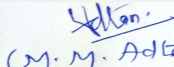
 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019)	Page 2 of 76	 Shri M.M. Adtani (Chairman SEAC-II)
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Dry season:	Source of water	MCGM								
	Fresh water (CMD):	141 KLD								
	Recycled water - Flushing (CMD):	71 KLD								
	Recycled water - Gardening (CMD):	9 KLD								
	Swimming pool make up (Cum):	4 KLD								
	Total Water Requirement (CMD) :	215 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	116 KLD								
Wet season:	Source of water	MCGM+RWH								
	Fresh water (CMD):	99 KLD + 42 KLD								
	Recycled water - Flushing (CMD):	71 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	215 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	125 KLD								
Details of Swimming pool (If any)	Provided									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	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	



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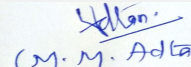

 (M. M. Adtani)
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2-3 m
	Size and no of RWH tank(s) and Quantity:	2 RWH Tanks with total capacity 84 m3
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 22 lakhs
	Budgetary allocation (O & M cost) :	Rs. 2 Lakhs/year
	Details of UGT tanks if any :	Underground
35.Storm water drainage	Natural water drainage pattern:	Towards south side of the plot
	Quantity of storm water:	930.4 m3/hr
	Size of SWD:	450 mm x 600 mm
Sewage and Waste water	Sewage generation in KLD:	197 KLD
	STP technology:	MBBR technology
	Capacity of STP (CMD):	1 STP of total 225 KLD capacity
	Location & area of the STP:	Ground floor (Area: 125 m2)
	Budgetary allocation (Capital cost):	Rs. 58 Lakhs
	Budgetary allocation (O & M cost):	Rs. 13 Lakhs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris: 1,642 m3
	Disposal of the construction waste debris:	The construction debris will be utilized at project site for paving and land leveling.
Waste generation in the operation Phase:	Dry waste:	313 Kg/d
	Wet waste:	470 Kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	2 KLD
	Others if any:	Household E- waste generation


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Mode of Disposal of waste:	Dry waste:	The recyclable waste will be handed over to the authorized vendor.
	Wet waste:	Biodegradable waste will be treated in Bio-methanisation plant.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge will be used as manure for gardening
	Others if any:	The E-waste shall be handed over to e-waste management vendor authorized by MPCB.
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	100 m ²
	Area for machinery:	30 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.20 Lakhs
	O & M cost:	Rs. 8 Lakhs/year

37.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			

38.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

39.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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

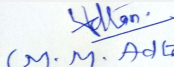
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		


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43.Green Belt Development	Total RG area :	RG area Provided : 1,887 m2
	No of trees to be cut :	Existing trees on site: 68 Nos., Trees to be retained: 55 Nos., Trees to be transplant: 13 Nos.
	Number of trees to be planted :	New trees to be planted: 105 Nos.
	List of proposed native trees :	As below
	Timeline for completion of plantation :	3 - 4 years

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	10	Large tree, good for roadside plantation
2	Saraca asoka	Sita Ashoka	9	Shady tree with red-yellow flowers.
3	Cassia fistula	Bhava	12	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
4	Mimusops elengi	Bakuk	15	Shady tree, small white fragrant flowers
5	Erythrina indica	Pangara	10	Medium sized deciduous tree. Bright scarlet flowers
6	Murraya exotica	Kunti	12	Small, evergreen tree, good for gardens
7	Annona squamosa	Sitaphal	14	Small, well-branched tree
8	Albizia lebbeck	Shirish	13	Shady tree, yellowish green fragrant flowers
9	Bauhinia racemosa	Apta	10	Small tree with small white flowers, Butterfly host plant

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy

Power requirement:	Source of power supply :	ADANI POWER/ TATA
	During Construction Phase: (Demand Load)	250 kVA
	DG set as Power back-up during construction phase	250 kVA
	During Operation phase (Connected load):	6.4 MW
	During Operation phase (Demand load):	2.8 MW
	Transformer:	2 X 1600 kVA
	DG set as Power back-up during operation phase:	1 X 750 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Solar Street lighting in landscape, common area passages

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	>20%

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30 Lakhs
	O & M cost:	Rs. 2 Lakhs/year

51. Environmental Management plan Budgetary Allocation

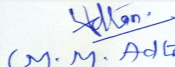
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	4
2	Site sanitation	-	2
3	Potable Water Supply to Labour	-	4


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4	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	3
5	Health check-up & first aid	-	2
6	Safety Personal Protective Equipment	Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.	6
7	Traffic Management	Sign Boards, Persons at entry exit and Parking area	2
8	Solid waste management and Site maintenance activity	-	1.5
9	Safety Training to Workers Safety Officer	Twice in Year (safety officers)	2.0
10	Disinfection	-	1.5

b) Operation Phase (with Break-up):


Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	58	13
2	Solar System	Weekly	30	2
3	Rainwater harvesting	During Rainy season (Cleaning of RWH tanks and Filtration chamber)	22	2
4	Solid Waste Composting plant	Continuous O & M	20	8
5	Landscape Development	Daily	25	2
6	Environmental Monitoring	As per CPCB guidelines through MoEF approved laboratories.	-	4

51.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

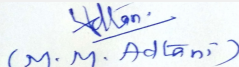
52.Any Other Information

No Information Available


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Shri M.M.Advani (Chairman SEAC-II)


53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	18.90 m D.P. road leading to Govandi Road
Parking details:	Number and area of basement:	NA
	Number and area of podia:	4 Nos. with total Area: 21,411.88 m ²
	Total Parking area:	22,000.00 m ²
	Area per car:	46.7 m ²
	Area per car:	46.7 m ²
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	391 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	6 m and 7.5 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	12-10-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

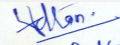
Summarised in brief information of Project as below.

Brief information of the project by SEAC


Mr. Surykant Nikam
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(M. M. Adtani)
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SEAC-II)

Representative of PP was present during the meeting along with environmental consultant M/s. Building Environment India Pvt. Ltd.

PP informed that, the project under consideration is *Amendment/ Expansion in EC Housing Project*. PP further stated that, the total plot area of the project is 8,733.32 Sq.mt. having total construction area area 56539.46 Sq.mt. (FSI - 28,246.45 Sq. mt.+ NON FSI-28,293.01 Sq. mt.) and the building configuration is as follow-


Building Name & number	Number of floors	Height (Mtrs)
Wing A	St + 4 Podiums +5th to 21st upper floors	69.75
Wing B	St + 4 Podiums +5th to 21st upper floors	69.75
Wing C	St + 4 Podiums +5th to 21st upper floors	69.75
Wing D	Stilt + 4 Podiums +5th to 21st upper floors	69.75
Wing E	St + 3 Podiums +5th to 21st upper floors	69.75

PP informed that, the project has received the EC vide letter dated 4/9/2014 for total built up area 38804.3 Sq.mt. PP further informed that, till now the construction work done at site is 20740 Sq.mt.

It is noted that the project earlier considered in 84th SEAC-2 meeting held on 08-01-2019 and deferred with important observations as to submit the architect certificate for construction done on site with cross sections of buildings, to submit Structural stability certificate, to submit the chronological brief history of the project along with copy of approved layout plans for the same etc. Accordingly PP submitted the compliance which was taken on record.

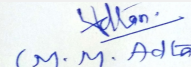
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements,

DECISION OF SEAC


Mr. Surykant Nikam
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After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

- 1) PP to submit the revise detailed architect certificate.
- 2) It is noted that the plan submitted to the local planning authority is of 26,428 Sq.mt and not 28,246.45 Sq. mt. PP to submit the plan to the local planning authority & submit the dully signed copy of acknowledgement of the same till then EC to be restricted to 26,428 Sq.mt.
- 3) PP to provide the mitigation measures as per observation of daylight analysis.
- 4) PP to submit CER of 0.75 %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 got approved from collector/ local bodyor Environment Department.

FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

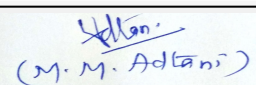
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**Shri M.M.Adtani (Chairman
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Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)


SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)

Subject: Environment Clearance for proposed residential building project at plot bearing C.T.S No. 79 & 87 of village Deonar, M/E-ward, Govandi (W), Mumbai by M/S TRIDHAATU MORYA DEVELOPERS LLP.

Is a Violation Case: No


1.Name of Project	M/s. TRIDHAATU MORYA DEVELOPERS LLP.
2.Type of institution	Private
3.Name of Project Proponent	M/S TRIDHAATU MORYA DEVELOPERS LLP.
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.
5.Type of project	Housing 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	Obtained PEC vide letter No. SEAC-2008/CR-12/TC-3 dt. 04/09/2010 by Acron Developers Pvt. Ltd for Hotel Bldg. project.
8.Location of the project	Plot bearing C.T.S No. 79 & 87 of village Deonar, M/E-ward, Govandi (W), Mumbai
9.Taluka	Govandi (W)
10.Village	Deonar
Correspondence Name:	Mrs. Poonam Ajmera
Room Number:	-
Floor:	5th Floor
Building Name:	B- Wing, Shrikant Chambers
Road/Street Name:	Next to R. K. Studios, Sion Trombay Road
Locality:	Chembur
City:	Mumbai
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	MCGM vide letter No. CHE/ES/1486/M/E/337(NEW) Dt 18.01.2018 AND AMENDMENT DT 19.05.2018. IOD/IOA/Concession/Plan Approval Number: MCGM vide letter No. CHE/ES/1486/M/E/337(NEW) Dt 18.01.2018 AND AMENDMENT DT 19.05.2018. Approved Built-up Area: 49581.76
13.Note on the initiated work (If applicable)	At present, part Basement is constructed on site as per earlier approvals and earlier EC. Total area constructed on site is 1,130 m2. Thereafter the project was on hold.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MCGM vide letter No. CHE/ES/1486/M/E/337(NEW) Dt 18.01.2018 AND AMENDMENT DT 19.05.2018.
15.Total Plot Area (sq. m.)	7,007.90 m2
16.Deductions	501.00 m2
17.Net Plot area	6,506.90 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 22,705.60 m2 b) Non FSI area (sq. m.): 29,720.34 m2 c) Total BUA area (sq. m.): 52425.94
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 20686.82 m2 Approved Non FSI area (sq. m.): 28894.94 m2 Date of Approval: 23-05-2018
19.Total ground coverage (m2)	3681.01 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	52.52 %
21.Estimated cost of the project	4750000000

22.Number of buildings & its configuration


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(Secretary SEAC-II)

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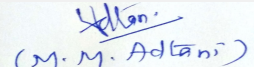
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	3B + S + 1ST FLOOR (PODIUM) + 2ND TO 21ST UPPER FLOOR	69.90
2	Wing B	3B + S + 1ST FLOOR (PODIUM) + 2ND TO 21ST UPPER FLOOR	69.90
3	Wing C	3B + STILT + 1ST FLOOR (PODIUM) + 2ND TO 21ST UPPER FLOOR	69.90

23.Number of tenants and shops	Flats: 350 Nos.
24.Number of expected residents / users	1,750 Nos.
25.Tenant density per hectare	318/Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.30 m. wide road (Govandi Deonar road)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details


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

32.Total Water Requirement

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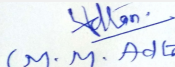
Dry season:	Source of water	MCGM								
	Fresh water (CMD):	158 KLD								
	Recycled water - Flushing (CMD):	79 KLD								
	Recycled water - Gardening (CMD):	10 KLD								
	Swimming pool make up (Cum):	4 KLD								
	Total Water Requirement (CMD) :	240 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	130 KLD								
Wet season:	Source of water	MCGM + RWH								
	Fresh water (CMD):	137 + 21 KLD								
	Recycled water - Flushing (CMD):	79 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	240 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	140 KLD								
Details of Swimming pool (If any)	Provided									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	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	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3-4 m
	Size and no of RWH tank(s) and Quantity:	Total 3 Tanks of total capacity 45 m ³
	Location of the RWH tank(s):	1st Basement
	Quantity of recharge pits:	NA
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	10 Lakhs
	Budgetary allocation (O & M cost) :	0.5 Lakhs / year
	Details of UGT tanks if any :	UG Tanks will be provided as per NBC norms
35.Storm water drainage	Natural water drainage pattern:	Towards west side of the plot
	Quantity of storm water:	763.03 m ³ /hr
	Size of SWD:	300 mm x 650 mm
Sewage and Waste water	Sewage generation in KLD:	221 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 STP of total 250 KLD capacity
	Location & area of the STP:	1st Basement (160 m ²)
	Budgetary allocation (Capital cost):	52 Lakhs
	Budgetary allocation (O & M cost):	12 Lakhs / Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris : 1,530 m ³ , Excavation quantity : 45,245 m ³
	Disposal of the construction waste debris:	The construction debris will be utilized at site for Road Paving
Waste generation in the operation Phase:	Dry waste:	350 kg/day
	Wet waste:	525 kg /day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	2.0 m ³ /day
	Others if any:	Household E-waste


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Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed off to authorized recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting unit and will be used as organic manure for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	The E- vendor authorized by MPCB waste shall be handed over to e-waste management (if any).
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	50 m ²
	Area for machinery:	22 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20 lakhs
	O & M cost:	8 lakhs/year

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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			

38. 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


39. 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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40. Details of Fuel to be used

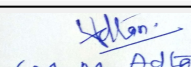
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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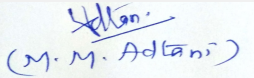

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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	RG area required : 976.04 m ² ; RG Area provided: 2,038.8 m ²		
	No of trees to be cut :	Trees on site: 46, Tress to be retained: 46		
	Number of trees to be planted :	39 nos.		
	List of proposed native trees :	As mentioned below		
	Timeline for completion of plantation :	3-4 year		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephalus kadamba	Kadamb	5	Deciduous tree, large foliage & beautiful tree
2	Cassia fistula	Bahava	8	Medium sized deciduous tree, Beautiful yellow flowers and Butterfly host plant.
3	Alstonia scholaris	Satvin	4	Shady, large evergreen tree, white fragrant flowers
4	Pongamia pinnata	Karanj	4	Shady tree
5	Murraya exotica	Kunti	7	Small, evergreen tree, good for gardens
6	Butea Monosperma	Palash	5	Medium deciduous tree with bright flowers
7	Erythrina indica	Pangara	6	Medium sized deciduous tree. Bright scarlet flowers.
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m ²	
1	-	-	-	
47.Energy				

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Power requirement:	Source of power supply :	Reliance /Torrent
	During Construction Phase: (Demand Load)	250 kVA
	DG set as Power back-up during construction phase	250 kVA
	During Operation phase (Connected load):	3.1 MW
	During Operation phase (Demand load):	1.7 MW
	Transformer:	2 x 1600 kVA
	DG set as Power back-up during operation phase:	1 X 750 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar Street lights are proposed for common area such as open spaces, pathways RG etc.
Solar hot water will be provided

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total energy Saving	22.5%

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	18 lakhs
	O & M cost:	1 Lakhs/ year

51. Environmental Management plan Budgetary Allocation

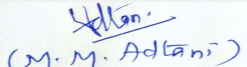
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	6.5
2	Site sanitation (Toilets)	-	2.5


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3	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time	4.0
4	Potable Water Supply to Labour Camp	-	2.5
5	Health check-up & first aid	-	3.0
6	Safety Personal Protective Equipment	Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc	12.0
7	Traffic Management	Sign Boards, Persons at entry exit and Parking area	2.0
8	Safety nets	-	8.5
9	Solid Waste Management & Site maintenance activity	-	2.0
10	Safety Training to Workers, Safety Officer	(Twice in Year), Safety Officer	3.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	52	12
2	Solar PV panels and Solar Hot water System	Weekly	18	1
3	Rain Water Harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	10	0.5
4	Solid waste Composting plant	Continuous O & M	20	8
5	Landscape development	Daily	19	2
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4

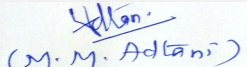
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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


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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	18.30 m wide Govandi Deonar Road					
Parking details:	Number and area of basement:	3 basement (each basement area 4,308.5 m2)					
	Number and area of podia:	1 Podium, Area 3,603.48 m2					
	Total Parking area:	18,069.92 m2					
	Area per car:	13.75 m2					
	Area per car:	13.75 m2					
	Number of 2-Wheelers as approved by competent authority:	44 nos					
	Number of 4-Wheelers as approved by competent authority:	385 nos					
	Public Transport:	-					
	Width of all Internal roads (m):	9 m					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	8 (a)					
	Court cases pending if any	NA					

	Other Relevant Informations	<ul style="list-style-type: none"> • Obtained IOD from MCGM by Acron Developers Pvt. Ltd. vide letter No. CE/6130/BPES/AM dated 18.07.2008 for Hotel building project (Annexure I) • Also, obtained Prior Environmental Clearance from SEIAA, Maharashtra vide letter no. SEAC 2008/CR12/TC-3 dated 4th September 2010 for the plot area 7,007.9 m2 having total construction area 32,814.14 m2 (Annexure II) • MCGM had granted CC upto plinth level on 29th September 2010 (Annexure III). • Accordingly, the developers had started the excavation work for Basement as per the approvals received and the Environmental Clearance. • At present, the basement is constructed on site as per plans approved & C.C. granted by MCGM. The total area constructed is 1,130 m2. Thereafter the project was on hold. • We as the developer "Tridhaatu Morya Developers LLP" purchased the property along with the existing development on 09.05.2017. • We have changed the project for residential development and obtained the IOD. Also we have made an application for PEC.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	12-10-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised in brief information of Project as below.		
Brief information of the project by SEAC		

Representative of PP Mrs Poonam Ajmera was present during the meeting along with environmental consultant M/S. Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is *proposed New Housing project*. PP further stated that, the total plot area of the project is 7,007.90 Sq.mt. having total construction area area 52425.94 Sq.mt. (FSI - 22,705.60 Sq. mt.+ NON FSI- 29,720.34 Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Wing A	3B + S + 1ST FLOOR (PODIUM) + 2ND TO 21ST UPPER FLOOR	69.90
Wing B	3B + S + 1ST FLOOR (PODIUM) + 2ND TO 21ST UPPER FLOOR	69.90
Wing C	3B + STILT + 1ST FLOOR (PODIUM) + 2ND TO 21ST UPPER FLOOR	69.90

It is noted that the project earlier considered in 84th SEAC-2 meeting held on 08-01-2019 and deferred as design architect of the project could not explain the proposal in detail

PP stated that, the project has received Environmental clearance vide letter dated 04/09/2010 for total built up area 32814014 Sq.mt and till now the construction work done at site is 1,130 sq m.

PP stated that the earlier EC was accorded to then PP and Tridhatu Ltd purchased the land from them in 2017. The excavation & basement work was carried out by then PP, which will be used in the proposed project.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements,

synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record

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DECISION OF SEAC

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Specific Conditions by SEAC:

- 1) PP to submit dated Architect certificate addressing to committee regarding building wise construction carried out as per EC.
- 2) PP to upload the copy of sale deed
- 3) As per the Hon'ble Supreme Court's Order, PP to Provide contiguous RG with minimum 7.5 m width on Mother Earth.
- 4) PP to improve the daylight for Wing A.
- 5) PP to upload the CFO NoC.
- 6) PP to submit CER of 1.5 %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 got approved from collector/ local body or Environment Department

FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

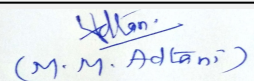
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Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)

Subject: Environment Clearance for Expansion of Residential buildings with shopline and Bunglows at village Sandor, Taluka Vasai, District Palghar


Is a Violation Case: No

1.Name of Project	Expansion of Residential buildings with shopline and Bunglows
2.Type of institution	Private
3.Name of Project Proponent	Mr. Anil Kantilal Shah, Mahavir Mahalaxmi Realtors LLP
4.Name of Consultant	Dr. D.A. Patil ; Mahabal Enviro Engg. Pvt. Ltd.
5.Type of project	Housing 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	-
8.Location of the project	Land bearing S.No. 185 H.No.11, S.No.186 H.No.1 & 12, S.No.188 H.No.5, 7, 8, 9, 10, 11,12A, 12B, 13,14A, 14B & 15, S.No.189 H.No.11, 12, 13, S.No. 190 H.No.1, 2, 3, 5 & 6 at Village:- Sandor, Tal:- Vasai Dist Palghar, Maharashtra.
9.Taluka	Vasai
10.Village	Sandor
Correspondence Name:	Mr. Anil Kantilal Shah Mahavir Mahalaxmi Realtors LLP,
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	Lalgodown Navghar, Vasai road west
Locality:	Palghar -401202
City:	Vasai Virar City
11.Area of the project	VVCMC (Vasai-Virar City Municipal Corporation)
12.IOD/IOA/Concession/Plan Approval Number	Approval letter no.R.D.P. order No. VVCMC /TP /RDP/VP-5793/011/2016-17. Dated: 16.07.2016 received from VVCMC IOD/IOA/Concession/Plan Approval Number: Approval letter no.R.D.P. order No. VVCMC /TP /RDP/VP-5793/011/2016-17. Dated: 16.07.2016 received from VVCMC Approved Built-up Area: 9989.19
13.Note on the initiated work (If applicable)	Yes construction Work is carried out as per the approvals / Sanction from VVCMC vide letter no : R.D.P. order No. VVCMC /TP /RDP/VP-5793/011/2016-17. Dated: 16.07.2016 for Plot area 9,750.00 m2 having F.S.I area 5,938.2 m2 and Total Construction Area 9,989.19 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approval letter no.R.D.P. order No. VVCMC /TP /RDP/VP-5793/011/2016-17. Dated: 16.07.2016 received from VVCMC
15.Total Plot Area (sq. m.)	9,930.00 m2
16.Deductions	2,796.36 m2
17.Net Plot area	7,133.64 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16,010.36 m2 b) Non FSI area (sq. m.): 11,020.85 m2 c) Total BUA area (sq. m.): 27031.21
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 5938.2 m2 Approved Non FSI area (sq. m.): 4050.99 m2 Date of Approval: 16-07-2016
19.Total ground coverage (m2)	1691.39 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.03%
21.Estimated cost of the project	637700000


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22. Number of buildings & its configuration


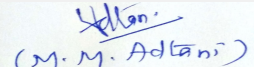
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	G+17F	52.45m
2	Wing B	G+9F	29.65m
3	Wing C	G+14F	43.90m
4	Wing D	G+12F	38.20m
5	Wing E	G+14F	43.90m
6	Wing F	G+17F	52.45m
7	Bunglows	G+1F	6.60m
8	CFC Building	G+2F	10.40m

23. Number of tenants and shops	Flats: 401 Nos, Shops :22 Nos, Bunglows:2 Nos & Assembly Hall : 2 Nos
24. Number of expected residents / users	2099 Nos.
25. Tenant density per hectare	403.82/ha
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessible by 20m Wide Bangli Road (D.P.) and 30 m wide D.P. road
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29. Existing structure (s) if any	NA
30. Details of the demolition with disposal (If applicable)	NA


31. Production Details

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

32. Total Water Requirement

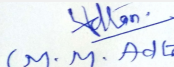
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Dry season:	Source of water	VVCMC							
	Fresh water (CMD):	183KLD							
	Recycled water - Flushing (CMD):	92 KLD							
	Recycled water - Gardening (CMD):	5 KLD							
	Swimming pool make up (Cum):	--							
	Total Water Requirement (CMD) :	276 KLD							
	Fire fighting - Underground water tank(CMD):	As per CFO norms							
	Fire fighting - Overhead water tank(CMD):	As per CFO norms							
	Excess treated water	157 KLD							
Wet season:	Source of water	VVCMC +RWH							
	Fresh water (CMD):	154 KLD + 29 KLD							
	Recycled water - Flushing (CMD):	92 KLD							
	Recycled water - Gardening (CMD):	0 KLD							
	Swimming pool make up (Cum):	--							
	Total Water Requirement (CMD) :	276KLD							
	Fire fighting - Underground water tank(CMD):	As per CFO norms							
	Fire fighting - Overhead water tank(CMD):	As per CFO norms							
	Excess treated water	162 KLD							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	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



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 to 3 m
	Size and no of RWH tank(s) and Quantity:	1 RWH tank with capacity of 60KL capacity
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	---
	Size of recharge pits :	---
	Budgetary allocation (Capital cost) :	Rs. 14 lacs
	Budgetary allocation (O & M cost) :	Rs.1 lacs/yr
	Details of UGT tanks if any :	UG Tanks will be provided as per NBC norms on underground
35.Storm water drainage	Natural water drainage pattern:	The land is flat. The slope of the area is towards west side of the plot.
	Quantity of storm water:	1133.17 m3/hr
	Size of SWD:	400 mm X 450 mm
Sewage and Waste water	Sewage generation in KLD:	257 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP of Total 275 KLD capacity
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs.63 Lacs
	Budgetary allocation (O & M cost):	Rs. 15 Lacs /yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris: : 785 m3
	Disposal of the construction waste debris:	The construction debris will be utilized at project site for paving and land leveling.
Waste generation in the operation Phase:	Dry waste:	410 Kg/d
	Wet waste:	614 Kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	3 m3/day
	Others if any:	-


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Mode of Disposal of waste:	Dry waste:	Dry waste will be handed over to the authorized vendor.
	Wet waste:	Biodegradable waste will be treated in Mechanical composting unit
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	-
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	50 m ²
	Area for machinery:	26 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 28 Lacs
	O & M cost:	Rs. 11 Lacs/yr

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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			

38. 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

39. 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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

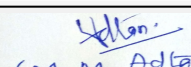
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		


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43.Green Belt Development	Total RG area :	R.G. Area Provided : 973.91 m2
	No of trees to be cut :	0 Nos
	Number of trees to be planted :	90 Nos.
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Trees will be planted after completion of construction work

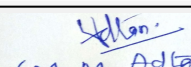
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	07	Large tree, good for roadside plantation
2	Saraca asoka	Sita Ashok	07	Shady tree with red-yellow flowers.
3	Cassia fistula	Bahava	05	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
4	Mimusops elengi	Bakul	05	Shady tree, small white fragrant flowers
5	Bauhinia acuminata	kanchan	05	Fragrant Flower , attract birds, bees and butterflies
6	Terminalia catappa	Indian Badam	05	Shady Tree, good for roadside plantation
7	Sapindus mukorossi	Ritha	04	Deciduous tree, has natural cleansing properties.
8	Schleichera oleosa	Kusum	05	It is a large deciduous (nearly evergreen) tree and a shade spreading crown
9	Spathodea campanulata	Spathodea	04	showy reddish-orange or crimson open flowers are cup-shaped and hold rain and dew , attractive to many species of birds
10	Peltophorum pterocarpum	Peltophorum	05	Deciduous tree Ornamental Tree
11	Annona squamosa	Sitaphal	06	Small, well-branched and fruit bearing tree
12	Syzygium cumini	Jambhul	04	evergreen tropical tree, seeds of Fruit used for medicinal purpose
13	Phyllanthus emblica	Avala	05	Deciduous tree, In traditional Indian medicine, dried and fresh fruits of the plant are used
14	Grevillea robusta	Silver Oak	04	fast-growing evergreen tree,
15	Pongamia pinnata	Karanj	04	Shady tree.
16	Ficus retusa	Nandruk	03	Shady tree, good for roadside plantation
17	Albizia lebbeck	Shirish	05	Shady tree, yellowish green fragrant flowers
18	Bauhinia racemosa	Apta	04	Small tree with small white flowers, Butterfly host plant


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19	Butea monosperma	Palas	03	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
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45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	---	---	---

47.Energy

Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	200kVA
	DG set as Power back-up during construction phase	200kVA
	During Operation phase (Connected load):	3.4 MW
	During Operation phase (Demand load):	1.8 MW
	Transformer:	NA
	DG set as Power back-up during operation phase:	Total 600kVA (2X 300kVA)
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NO

48.Energy saving by non-conventional method:

- Solar street lights are proposed for common area such as open spaces, pathways, RG etc.
- Solar hot water will be provided.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy saving using solar hot water and energy efficient lighting	>20%


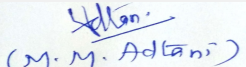
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20 lacs
	O & M cost:	Rs. 1 lacs/yr

51.Environmental Management plan Budgetary Allocation


a) Construction phase (with Break-up):

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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	---	2.5
2	Site sanitation and Potable Water Supply to Labour	---	6.0
3	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories -Ambient Air (RSPM,PM2.5, So2, Nox, CO) Noise leq day time and night time	3.0
4	Health check-up & first aid	---	2.5
5	Safety Personal Protective Equipment	Helmets , Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	8.0
6	Traffic Management	Sign Boards, Persons at entry exit and Parking area	2.5
7	Tyre cleaning and Vehicle maintenance	----	1.5
8	Safety Training to Workers (Twice in Year), Safety Officer	---	3.0
9	Solid waste Management & site Maintenance activity	---	2.0
10	Disinfection	---	1.0

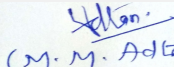
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M Environment Monitoring; Monthly, STP outlet, water quality for pH, BOD, COD, SS and O & G	63	15
2	Solar System	Weekly	20	1
3	Rainwater harvesting	During rainy season (Cleaning of UG tanks and filtration units before rainy season)	14	1
4	Solid Waste Composting plant	Continuous O & M Environment Monitoring ; Monthly to assess the compost quality	28	11
5	Landscape	Daily	10	1


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6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	--	4
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51.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

52.Any Other Information

No Information Available

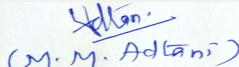
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NIL
	Number and area of podia:	NIL
	Total Parking area:	5364.5 m ²
	Area per car:	28.5 m ²
	Area per car:	28.5 m ²
	Number of 2-Wheelers as approved by competent authority:	403 Nos.
	Number of 4-Wheelers as approved by competent authority:	167 Nos.
	Public Transport:	--
	Width of all Internal roads (m):	6 m and 9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tungareshwar wildlife sanctuary at distance of 6.00km from project site .
	Category as per schedule of EIA Notification sheet	8 (a)


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	Court cases pending if any	NO
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised in brief information of Project as below.		
Brief information of the project by SEAC		

SEAC-AGENDA-0000000242

Representative of PP was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engg. Pvt. Ltd.

PP stated that, the initial approval was obtained from local planning authority for project vide letter dated 09.11.2015 for FSI Area: 5,938.2 m² and Non FSI :4,050.99. Total FSI potential available at that point of time was **1.75** (i.e. total FSI potential of 10,400 m² and corresponding Non-FSI was 7,150 m²) so the total construction potential was less than 20,000 m². PP further stated that, accordingly they had started construction on site as per the approval received from local planning authority.

PP informed that, due to TDR availability based on the Road Width as per Govt. Order dt. 02.05.2016 project potential is exceeding 20,000 m². PP further informed that, the project now under consideration is having the total plot area 9,930 m², FSI area 16,010.36 m², NON FSI- 11,020.85 sq.mt and total construction area is 27,031.21 m² and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Wing A	G+17F	52.45m
Wing B	G+9F	29.65m
Wing C	G+14F	43.90m
Wing D	G+12F	38.20m
Wing E	G+14F	43.90m
Wing F	G+17F	52.45m
Bunglows	G+1F	6.60m
CFC Building	G+2F	10.40m

It is noted that the project earlier considered in 69th Meeting held on 11-09-2018 & deferred as the PP was absent.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form

1, 1A, presentation & plans submitted are taken on the record.


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DECISION OF SEAC

In view of above, the proposal is deferred and shall be apprise afresh only after the compliance of above observations.

Specific Conditions by SEAC:

- 1) PP to submit dated Architect certificate addressing to committee regarding building wise construction (Configuration, FSI, NoN-FSI, TBUA) approvals from local Authority, actual construction done and proposed expansion. also to submit the detail chronology of the project
- 2) PP to submit the building wise comparative statement table. & also superimpose the proposed layout plan on earlier approved layout plan.
- 3) PP to upload the copy of approved layout plan.

FINAL RECOMMENDATION

SEAC-II decided to defer the proposal. Kindly find SEAC decision above.

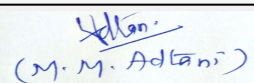
SEAC-AGENDA-0000000242



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Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)**SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)****Subject:** Environment Clearance for Proposed Amendment & Expansion of Residential cum Commercial Project with SRA Scheme at Kolekalyan, Santacruz (E), Mumbai.**Is a Violation Case:** No

1.Name of Project	Residential cum Commercial project with SRA scheme.
2.Type of institution	Private
3.Name of Project Proponent	Rizvi Estates & Hotels Pvt. Ltd.
4.Name of Consultant	Mahabal Enviro Engg. Pvt. Ltd., Dr. D. A. Patil
5.Type of project	SRA scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment & Expansion Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. EC received vide letter No. SEAC-2011/CR.760/TC.2 dated 23.01.2012
8.Location of the project	At Plot bearing CTS No. 6422, 6422/1 to 31, 6423, 6423/1 to 6, 6424-A, 6424-B, 6424-B/1 to 4, 6424-C, 6424-C/1 to 3, 6426, 6426/1 to 17, 6427, 6427/1 to 16, 6429-A, 6429-A/1 to 11, 7370, 7374, 7375, 7376-A, 7376-A/1 to 16, 7377, 7379, 7379/1 to 3, 7381, 7381/1 to 16, 7382, 7382/1 to 3, 7394, 7394/1 to 6, 7396, 7396/1 to 6, 7400, 7401, 7402, 7402/1 to 17, 7403-A, 7403A/1 to 47, 7403B, 7403D, 7403D/1-20, 7408,7408/1 to 6, 7437,7437/1-53, 7438, 7438/1-7, 7440, 7440/1-14, 7441,7441/1-14, 7448, 7448/1-17, 7451, 7451/1 to 11, 7395, 7446A, 7446A/1-6, 7446B, 7447, 6425A, 6425A/1-9, 6425B, 6425B/1-6, 7449, 7449/1-4, 7450, 7450/1-12, 6421, 6421/1-20, 6428(pt.), 7364, 7383, 7383/1-3, 7384, 7401, 7401/1-16, 7403-A/48, 7404, 7405, 7406, 7407, 7409, 7409/1-10, 7412, 7412/1-2, 7413, 7413/1-4, 7414, 7428, 7428/1-12, 7430, 7430/1-9, 7431A-2-10, 7431B, 7432, 7432/1-5, 7433, 7433/1-10, 7435, 7436, 7436/1-6, 7442(pt.), 7443, 7445, 7445/1-2, 7452, 7453, 7453/1-6, 7454, 7454/1-6, 7455, 7455/1-8, 7456, 7456/1-13, 7457, 7458, 7458/1-11, 7459 & 7459/1-29 of village Kolekalyan, Santacruz (E), Mumbai.
9.Taluka	Andheri
10.Village	Kolekalyan
Correspondence Name:	Mr. Shahbaz Khan
Room Number:	-
Floor:	1st Floor
Building Name:	Rizvi House
Road/Street Name:	Hill Road
Locality:	Bandra (W)
City:	Mumbai - 400050
11.Area of the project	Slum Rehabilitation Authority
12.IOD/IOA/Concession/Plan Approval Number	Rehab Bldg. A-1 IOD No. HE/PVT/0069/20070109/ AP 23.08.2017, Rehab Bldg. A-2 IOD No. SRA/ENG/3116/HE/PL/AP 24.08.2017, Rehab Bldg. A-3 IOD No. SRA/ENG/3023/ HE/PL/AP 04.09.2013, Rehab Bldg. A-4 IOD No. SRA/ENG/3104/ HE/PL/AP 29.05.2014, Rehab Bldg. A-5 IOD No. SRA/ENG/2777/ HE/PL/AP 20.07.2012, Rehab Bldg. A-6 IOD No. SRA/ENG/2929/ HE/PL/AP 08.11.2017, Rehab Bldg. A-7 IOD No. HE/PVT/0069/20070109/ AP 23.08.2017, Rehab Bldg. A-8 IOD No. HE/PVT/0069/20070109/ AP 23.08.2017, Rehab Bldg. A-9 IOD IOD/IOA/Concession/Plan Approval Number: REVISED LOI : SRA/ENG/1735/HE/PL/AP dated 05.08.2017. Approved Built-up Area: 84073.86
13.Note on the initiated work (If applicable)	As of today we have constructed 30306.44 m2 area
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	REVISED LOI : SRA/ENG/1735/HE/PL/AP dated 05.08.2017
15.Total Plot Area (sq. m.)	30008.23
16.Deductions	312.33
17.Net Plot area	27736.11



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18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 57674.35 m ²
	b) Non FSI area (sq. m.): 31612.66 m ²
	c) Total BUA area (sq. m.): 89287.01
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 51672.35
	Approved Non FSI area (sq. m.): 29905.49
	Date of Approval: 05-08-2017
19.Total ground coverage (m ²)	12795.32
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.36%
21.Estimated cost of the project	2201600000

22.Number of buildings & its configuration

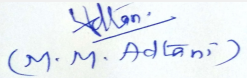
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Building A-1	G+8	26.40
2	Rehab Building A-2	G+8	26.40
3	Rehab Building A-3	G+7	24.00
4	Rehab Building A-4	G+7	23.80
5	Rehab Building A-5	G+7	23.50
6	Rehab Building A-6	G+7	23.50
7	Rehab Building A-7	G+7	23.50
8	Rehab Building A-8	G+8	26.40
9	Rehab Building A-9	G+7	23.50
10	Rehab Building A-10	G+8	26.40
11	Rehab Building A-11	G+8	26.40
12	Rehab Building A-12	G+8	26.40
13	Sale Building S-1	1B+ St + 1 Flr.(Part Podium)+2nd to 9 Upper Flr.	29.30
14	Sale Building S-2	Pit+ St + 1 Flr.(Part Podium)+2nd to 9 Upper Flr.	29.30

23.Number of tenants and shops	Sale: Flats: 211 Nos, Res/ Comm: 10 No., Rehab: Flats: 836 Nos, Res/ Comm: 12 No., Comm: 86 Nos. PAP: 485 Nos. Amenities: 44
24.Number of expected residents / users	8140 Nos.
25.Tenant density per hectare	500 h/a
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is directly accessible by 13.40 m wide DP Road, 12.00 m wide Proposed Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 m


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29.Existing structure (s) if any	Yes, Slums
30.Details of the demolition with disposal (If applicable)	Slums will be demolished phase wise


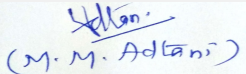
31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	MCGM
	Fresh water (CMD):	707
	Recycled water - Flushing (CMD):	357
	Recycled water - Gardening (CMD):	12
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	1064
	Fire fighting - Underground water tank(CMD):	As per NBC norms
	Fire fighting - Overhead water tank(CMD):	As per NBC norms
	Excess treated water	614
Wet season:	Source of water	MCGM
	Fresh water (CMD):	522
	Recycled water - Flushing (CMD):	357
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	1064
	Fire fighting - Underground water tank(CMD):	As per NBC norms
	Fire fighting - Overhead water tank(CMD):	As per NBC norms
	Excess treated water	626
Details of Swimming pool (If any)	-	

33.Details of Total water consumed

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Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	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
34.Rain Water Harvesting (RWH)	Level of the Ground water table:		3-4 m						
	Size and no of RWH tank(s) and Quantity:		10 RWH Tanks with total 400 KL capacity						
	Location of the RWH tank(s):		Below ground						
	Quantity of recharge pits:		NA						
	Size of recharge pits :		NA						
	Budgetary allocation (Capital cost) :		Rs. 92 Lacs						
	Budgetary allocation (O & M cost) :		Rs. 5 Lacs/Year						
	Details of UGT tanks if any :		UG Tanks will be provided as per NBC norms on ground.						
35.Storm water drainage	Natural water drainage pattern:		-						
	Quantity of storm water:		3181.67 m ³ /hr						
	Size of SWD:		0.5 x 0.7 mm, 0.6 x 0.8 mm wide channels						
Sewage and Waste water	Sewage generation in KLD:		993 KLD						
	STP technology:		MBBR						
	Capacity of STP (CMD):		Total 1100 KLD capacity						
	Location & area of the STP:		On ground						
	Budgetary allocation (Capital cost):		Rs. 200 Lacs						
	Budgetary allocation (O & M cost):		Rs. 40 Lacs/year						
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:		Construction Debris: : 2593 m ³						
	Disposal of the construction waste debris:		The construction debris waste is disposed as per Construction debris and demolition waste management Rules, 2016						
Waste generation in the operation Phase:	Dry waste:		1581 kg/d						
	Wet waste:		2372 kg/d						
	Hazardous waste:		NA						
	Biomedical waste (If applicable):		NA						
	STP Sludge (Dry sludge):		10 KLD						
	Others if any:		Household E-Waste generation						

Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers
	Wet waste:	Wet garbage will be composted using mechanical composting technology and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	Household E-Waste generation
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	200 m ²
	Area for machinery:	86 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 100 Lacs
	O & M cost:	Rs. 40 Lacs/year

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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			

38. 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



39. 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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable

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43.Green Belt Development	Total RG area :	2444.43 m2
	No of trees to be cut :	01 Nos.
	Number of trees to be planted :	350 Nos.
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Will be planted after completion of construction.

44.Number and list of trees species to be planted in the ground


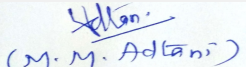
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Shirish	Albizia Lebbeck	30	Shady tree, yellowish green fragrant flowers
2	Sita Ashok	Saraca Asoka	40	Shady tree with red-yellow flowers.
3	Satwin	Alstonia Scholaris	40	Shady Tree, white fragrant flowers
4	Apta	Bauhinia Racemosa	35	Small tree with small white flowers, Butterfly host plant
5	Pangara	Erythrina Indica	40	Medium sized deciduous tree. Bright scarlet flowers.
6	Fish tail palm	Caryota Urens	50	Tall evergreen tree
7	Palas	Butea Monosperma	35	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
8	Bahava	Cassia Fistula	40	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
9	Tamhan	Lagerstroemia Flos-Regineae	40	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy

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Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	250 kVA
	DG set as Power back-up during construction phase	250 kVA
	During Operation phase (Connected load):	7.9 MW
	During Operation phase (Demand load):	4.2 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	Rehab: 450 kVA; Sale: 400 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Solar Hot Water system for Residential Building
Solar lighting in landscape , common area passages

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	<ul style="list-style-type: none"> • Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement • Use of low-e glass to reduce power requirement • Solar lighting in common areas, garden and road • Solar hot water for residential buildings • Energy efficient lighting fixtures (LED lights) to all buildings 	>20%

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 675 Lacs
	O & M cost:	Rs. 34 lacs/Year

51. Environmental Management plan Budgetary Allocation

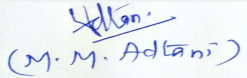
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation and Potable Water Supply to Labour	-	10


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3	Environmental Monitoring	-	5
4	Health check-up & first aid	-	5
5	Safety Personal Protective Equipment	-	12
6	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	(Sign Boards, Persons at entry exit and Parking area)	4
7	Safety nets	-	25
8	Storm water Management (SWD along plot boundary and Sedimentation Pits)	(SWD along plot boundary and Sedimentation Pits)	4
9	Tyre cleaning and Vehicle maintenance	-	3
10	Safety Training to Workers (Twice in Year), Safety Officer Disinfection	(Twice in Year),	7

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	200	40
2	Solar System	-	675	34
3	RWH	-	92	5
4	Solid Waste Treatment Plant	-	100	40
5	Landscape	-	36	5
6	Environmental monitoring	-	-	4

51.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

52.Any Other Information

No Information Available

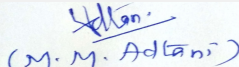
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	-
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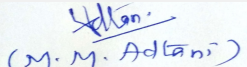

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Parking details:	Number and area of basement:	1 Basement for building No. S1 - Pit for Building No. S2- Total Basement+Pit Area: 4170.56 m2
	Number and area of podia:	1 Part Podium for building No. S1 1 Part Podiums for Building No. S2 Total Podium Area: 730.46 m2
	Total Parking area:	4901.02
	Area per car:	12.47
	Area per car:	12.47
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	390 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	Min. 5.50 m.
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Yes; Suit no. M.A. 270/17 Green Tribunal, Pune.
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


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PP Mr. Rizvi was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engg. Pvt. Ltd


PP informed that, the project under consideration is *Amendment & Expansion of Residential cum Commercial project with SRA Scheme*. PP further stated that, the total plot area of the project is 30008.23 Sq.mt. having total construction area 89287.01 Sq.mt. (FSI - 57674.35 sq.mt + NON FSI- 31612.66 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab Building A-1	G+8	26.40
Rehab Building A-2	G+8	26.40
Rehab Building A-3	G+7	24.00
Rehab Building A-4	G+7	23.80
Rehab Building A-5	G+7	23.50
Rehab Building A-6	G+7	23.50
Rehab Building A-7	G+7	23.50
Rehab Building A-8	G+8	26.40
Rehab Building A-9	G+7	23.50
Rehab Building A-10	G+8	26.40
Rehab Building A-11	G+8	26.40
Rehab Building A-12	G+8	26.40
Sale Building S-1	1B+ St + 1 Flr.(Part Podium)+2nd to 9 Upper Flr.	29.30
Sale Building S-2	Pit+ St + 1 Flr.(Part Podium)+2nd to 9 Upper Flr.	29.30

PP stated that, they have obtained prior Environmental Clearance vide letter dated 23.01.2012 for plot area of 15,429 m² and total construction area of 58,741.32 m² (FSI Area: 41,027m²) and as per the EC, as of now they have constructed 30,306.44 m² of area. It is noted that, the project was earlier listed in 82nd SEAC-II meeting wherein PP was absent.

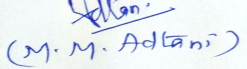
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

record.


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DECISION OF SEAC

In view of above, the proposal is deferred and shall be considered only after the compliance of below observations.

Specific Conditions by SEAC:

- 1) PP stated that, the NGT court case regarding the said project was disposed off. PP to submit the copy of petition & all orders passed in the case from time to time.
- 2) PP to submit the clear plan for building No A6
- 3) PP to submit dated Architect certificate addressing to committee regarding building wise construction (for rehab & Sale) carried out as per EC. Also PP to overlap the revised layout plan on earlier approved layout plan & submit the same.
- 4) Stack parking is provided. PP to ensure that, one stack should not be allotted to two different users.
- 5) Committee noted that around 50% waste water is proposed to be disposed off in the sewer. PP to explore measures to use maximum treated waste water to reduce disposal to 35%.
- 6) PP to upload storm water drain remarks.
- 7) PP to submit the detail storm water drain design & calculation. with respect to slope & entire catchment to confirm the proposed dimensions are sufficient or not with respect to the flood events of Mithi river.
- 8) PP to modify podium so as to provide clear fire tender movement. PP to submit the Swept path analysis.
- 9) PP to submit the mitigation measures proposed to be taken to reduce the noise pollution.
- 10) PP to submit compliance to ECBC guidelines.
- 11) PP to submit CER of 0.75% 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 got approved from collector/ local body or Environment Department.

FINAL RECOMMENDATION

SEAC-II decided to defer the proposal. Kindly find SEAC decision above.

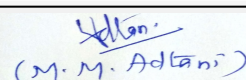
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Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)

Subject: Environment Clearance for "Roop Rajat Park" Residential Cum Commercial Project at Gut No. 157, 158(Part), 168 (Part), 169 (Part), Chilhar Road, Village- Betagaon, Taluka- Palghar, Dist- Thane by M/s. Mahavir Associates

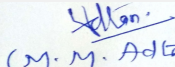
Is a Violation Case: Yes

1.Name of Project	"Roop Rajat Park" Residential Cum Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mahavir Associates
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	residential commercial 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	Gut No. 157, 158(Part), 168 (Part), 169 (Part), Chilhar Road, Village- Betagaon, Taluka- Palghar, Dist- Thane
9.Taluka	Palghar
10.Village	Betagaon
Correspondence Name:	Mr. Jitendra Agarwal -M/s. Mahavir Associates
Room Number:	Shop No. 23,24,
Floor:	-
Building Name:	Roop Rajat Nagar
Road/Street Name:	Tarapur Road
Locality:	Boisar, Taluka- Palghar
City:	Boisar
11.Area of the project	Betagaon Gram Panchayat/ Other Area
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: NA Order received from Additional Collector, Thane, HQ Jawhar (012009) dated 26-11-2010 , CC received from CEO, ZP, Thane (297) date 22-10-2010 Approved Built-up Area: 115054.31
13.Note on the initiated work (If applicable)	36703.51 Sq.m. of area has been constructed as per the received approvals.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA Order received from Additional Collector, Thane, HQ Jawhar (012009) dated 26-11-2010 ,CC received from CEO, ZP, Thane (297) date 22-10-2010
15.Total Plot Area (sq. m.)	132320.00 sq.m.
16.Deductions	366.00 sq.m.
17.Net Plot area	131954.00 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 96869.71 b) Non FSI area (sq. m.): 18180.60 c) Total BUA area (sq. m.): 115050.31
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 96873.43 Approved Non FSI area (sq. m.): 18180.60 Date of Approval: 26-11-2010
19.Total ground coverage (m2)	29263.10sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.17%
21.Estimated cost of the project	1511500000


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22. Number of buildings & its configuration


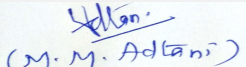
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	type 1- 1 no.	G+3	12.20
2	type 2-1 no.	G+3	12.20
3	type 3A-14 nos.	G+3	12.20
4	type 3B-24 Nos.	S+4	14.10
5	type 3C - 2 Nos.	S+4	14.10
6	type 3D-11 Nos.	S+4	14.10
7	type 4- 21 Nos.	S+4	14.10
8	type 5- 66 Nos.	G+1	6.7
9	type 6- 17 Nos.	G+1	6.7
10	type 7- 14 Nos.	G+1	6.7
11	CFC 1	G+2	10.80
12	CFC 2	G+2	11.70
13	Club House 1	Ground	4.10
14	Club House 2	Ground	4.10

23. Number of tenants and shops	No. of residential tenements = 1458 Nos. No. of Shops = 153
24. Number of expected residents / users	Residential = 7290 Nos., Commercial = 459 nos., CFC = 400 Nos., Total = 8149 No.s
25. Tenant density per hectare	110 No./Ha
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	25.00m wide State Highway
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9.00m wide internal road is provided
29. Existing structure (s) if any	Construction of Buildings TYPE 3A, 3B, 3C, 3D , TYPE 4, TYPE 5 as per the received approvals.
30. Details of the demolition with disposal (If applicable)	NA


31. Production Details

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

32. Total Water Requirement

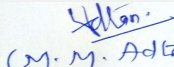
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Dry season:	Source of water	Grampanchayat/Recycled water							
	Fresh water (CMD):	673							
	Recycled water - Flushing (CMD):	350							
	Recycled water - Gardening (CMD):	69							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1092							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	411							
Wet season:	Source of water	Grampanchayat/Recycled water /RWH Tank							
	Fresh water (CMD):	673							
	Recycled water - Flushing (CMD):	350							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1023							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	480							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	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


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 SEAC-II)**

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	2-3 m	
	Size and no of RWH tank(s) and Quantity:	total capacity = 948cum (2 days storage)	
	Location of the RWH tank(s):	below ground level	
	Quantity of recharge pits:	NA	
	Size of recharge pits :	NA	
	Budgetary allocation (Capital cost) :	Rs.75.00 Lakhs	
	Budgetary allocation (O & M cost) :	Rs.4.0 Lakhs	
	Details of UGT tanks if any :	Below ground level Domestic= 673cum Flushing= 419 cum RWH =948 cum	
35. Storm water drainage	Natural water drainage pattern:	West to East	
	Quantity of storm water:	Actual Discharge =2.018 cum/sec (No. of Discharge points 4 of 0.50 cum) , Design Discharge= 0.54 cum/sec	
	Size of SWD:	B=0.60m, D=0.60 m	
Sewage and Waste water	Sewage generation in KLD:	922 KLD	
	STP technology:	MBBR	
	Capacity of STP (CMD):	950 KLD	
	Location & area of the STP:	Ground level	
	Budgetary allocation (Capital cost):	Rs.90.00Lakhs	
	Budgetary allocation (O & M cost):	Rs. 11.00 Lakhs	
36. Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Scrap metal , Empty cement bags (50 kg capacity) , Aggregates , broken Tiles, Empty Paint cans (20 lit) were generated.	
	Disposal of the construction waste debris:	Scrap metal was sold to recyclers, empty cement bags were sold to vendors, aggregates were reused for road preparation and leveling, broken tiles were reused used as china mosaic water proofing for terraces and skirting purpose, empty paint cans were sold to recyclers.	
Waste generation in the operation Phase:	Dry waste:	1587.00 Kg/day	
	Wet waste:	2252.00 Kg/day	
	Hazardous waste:	NA	
	Biomedical waste (If applicable):	NA	
	STP Sludge (Dry sludge):	46Kg	
	Others if any:	Nil	
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Mode of Disposal of waste:	Dry waste:	To be managed through local recyclers.
	Wet waste:	To be processed in the Organic Waste Converter. Required amount of manure from OWC will be used for gardening/landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	to be used as a manure
	Others if any:	Nil
Area requirement:	Location(s):	ground level
	Area for the storage of waste & other material:	138.00 sq.m.
	Area for machinery:	3.00 sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.10.00Lakhs
	O & M cost:	Rs.4.00Lakhs

37.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			

38.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



39.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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

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43.Green Belt Development	Total RG area :	13868.00 sq.m.
	No of trees to be cut :	NA
	Number of trees to be planted :	1323 Nos.
	List of proposed native trees :	as below
	Timeline for completion of plantation :	at the end of the construction phase


44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Plumeria rubra	Red frangipani	50	flowering
2	Polyalthia coffeoides	Tree Ashoka	78	fruiting
3	Polyalthia longifolia	Mast tree	50	evergreen
4	Pongamia pinnata	Indian beech/Karanj	60	shady
5	Ravenala madagascariensis	Travellers palm	70	ornamental
6	Samanea saman	Raintree	50	shady
7	Spathodea campanulata	African tulip tree/scarlet bell tree	70	flowering
8	Syzygium cumini	Indian black berry	75	fruiting
9	Acacia arabica	Indian gum-arabic tree	40	shady
10	Adansonia digitata	Baobab, Monkey bread	60	deciduous tree
11	Adenanthara pavonina	Red sandalwood	50	leguminous tree
12	Ailanthus excelsa	Tree of heaven/Paradise tree	50	deciduous tree,
13	Albizzia lebbek	Siris	50	medicinal
14	Alstonia scholaris	Devils tree	70	evergreen tropical tree
15	Anogeissus acuminata	Anogeissus	30	flowering
16	Anthocephalus chinensis	Kadamba	40	shady
17	Cycas revoluta	Fern palm/cycas	75	ornamental
18	Dalbergia sissoo	South Indian Redwood/Sissoo	70	medicinal
19	Delonix regia	Flame tree, May flower	70	shady
20	Brassaia actinophylla	Umbrella tree	60	flowering
21	Butea monosperma	Flame of forest	80	shady
22	Cassia excelsa	Crown of gold tree	75	flowering

45.Total quantity of plants on ground


46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	-	-	-


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 (Secretary SEAC-II)

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SEAC-II)

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100KW
	DG set as Power back-up during construction phase	100KVA
	During Operation phase (Connected load):	7903 KW
	During Operation phase (Demand load):	5092KW
	Transformer:	NA
	DG set as Power back-up during operation phase:	05No. of 75 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Solar Lighting (for landscape/Drive way)
- Solar Hot water system
- Energy Efficient Pumping Machinery
- Use of CFL & LED lights
- regenerative lifts

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	24.00%

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.101.00 Lakhs
	O & M cost:	Rs.10.00 Lakhs

51. Environmental Management plan Budgetary Allocation

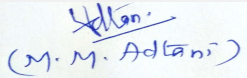
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	air environment	dust suppression	2.00
2	land environment	site sanitation	2.50
3	Environment monitoring	For Air, Noise, Water Analysis	7.5
4	EHS	Disinfection	2.0


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5	EHS	Health Check Up	4.0	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	rain water harvesting	75.00	4.00
2	solid waste	OWC	10.00	4.00
3	water environment	STP	90.00	11.0
4	energy saving	Solar energy system	101.00	10.00
5	land environment	landscaping	20.00	2.00

51.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

52.Any Other Information

No Information Available

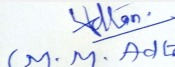
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 Nos.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	31069.13 sq.m.
	Area per car:	28.00 sq.m.
	Area per car:	28.00 sq.m.
	Number of 2-Wheelers as approved by competent authority:	nil
	Number of 4-Wheelers as approved by competent authority:	1143 no.s
	Public Transport:	Nil
	Width of all Internal roads (m):	Max. 18.00 m to Min. 6.00 m wide internal roads
	CRZ/ RRZ clearance obtain, if any:	NA


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	not within the 15 km
	Category as per schedule of EIA Notification sheet	category, Schedule 8(a)
	Court cases pending if any	-
	Other Relevant Informations	the project was appraised by SEIAA in their 89th meeting as an Item No.04 dated 3-9-2015. Authority deffer ed the case for the want of compliance points for we are submitted the compliance as per 89th SEIAA MoM. Judgment copy has been received dated 13-09-2017 against court case no. 421/2015 at Palghar Court against the violation of EIA notification 2006
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-09-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC


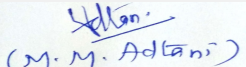
DECISION OF SEAC

PP was absent; hence the project is deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-II decided to defer the proposal. Kindly find SEAC decision above.

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019	Page 55 of 76	 Shri M.M.Adtani (Chairman SEAC-II)
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Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)

Subject: Environment Clearance for proposed Group Housing Scheme on Gut No. 80, 81, 85/B, 86, 88, 319, 324A, 324B, 325, 326, 326A, village Umroli, Taluka Palghar, District Palghar.


Is a Violation Case: No

1.Name of Project	Environmental Clearance proposed Group Housing Scheme on Gut No. 80, 81, 85/B, 86, 88, 319, 324A, 324B, 325, 326, 326A, village Umroli, Taluka Palghar, District Palghar.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Manharlal Mehta & Mr. Dushyant Patel
4.Name of Consultant	Enviro Analysts and Engineers Private Limited.
5.Type of project	Group Housing Scheme
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	Land bearing on Gut No. 80, 81, 85/B, 86, 88, 319, 324A, 324B, 325, 326, 326A, village Umroli, Taluka Palghar, District Palghar.
9.Taluka	Palghar
10.Village	umroli
Correspondence Name:	Mr. Manharlal Mehta & Mr. Dushyant Patel
Room Number:	-
Floor:	4th floor
Building Name:	Maxus Malim
Road/Street Name:	Shree Vallabhacharyaji Marg
Locality:	Nr. New Flyover Bridge
City:	Bhayandar (W), Dist. Thane
11.Area of the project	Town Planning Palghar
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: NA FROM TOWN PLANNING PALGHAR- 2113 DATED 02/11/2018 Approved Built-up Area: 75739
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA FROM TOWN PLANNING PALGHAR- 2113 DATED 02/11/2018
15.Total Plot Area (sq. m.)	91, 050.00
16.Deductions	For Road acquisition, CRZ, Internal road, 10% amenity space. 16861.21 sq m
17.Net Plot area	74188.79 sq m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 66,730.07 b) Non FSI area (sq. m.): 9009.78 c) Total BUA area (sq. m.): 75739
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 66,769.91 Approved Non FSI area (sq. m.): 9009.78 Date of Approval: 02-11-2018
19.Total ground coverage (m2)	13562.43
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15
21.Estimated cost of the project	978300000


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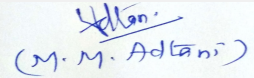
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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type A (26 buildings)	Gr + 4 floors	14.80
2	Type A1 (1 Building)	Gr + 4 floors	14.80
3	Type A2 (1 Building)	Gr + 4 floors	14.80
4	Type A3 (1 Building)	Gr + 4 floors	14.80
5	Type B (2 Buildings)	Gr + 4 floors	14.80
6	Type C (28 Buildings)	Gr + 4 floors	14.80
7	Type C1 (5 Buildings)	Gr + 4 floors	14.80
8	Type C2 (2 Buildings)	Gr + 4 floors	14.80
9	Type C3 (1 Building)	Gr + 4 floors	14.80
10	Type D (2 Buildings)	Gr + 4 floors	14.80
11	Type E (3 Buildings)	Gr + 4 floors	14.80
12	Type E1 (1 Building)	Gr + 4 floors	14.80
13	Type E2 (1 Building)	Gr + 4 floors	14.80
14	Type E3 (1 Building)	Gr + 4 floors	14.80
15	Type E4 (1 Building)	Gr + 4 floors	14.80
16	Type E5 (1 Building)	Gr + 4 floors	14.80
17	Type F (10 Buildings)	Gr + 4 floors	14.80
18	Type F1 (1 Building)	Gr + 4 floors	14.80
19	Type G (2 Building)	Gr + 4 floors	14.80
20	Type G1 (1 Building)	Gr + 4 floors	14.80
21	Type G2 (1 Building)	Gr + 4 floors	14.80
22	Type G3 (1 Building)	Gr + 4 floors	14.80
23	Total Buildings	93 buildings	-

23. Number of tenants and shops	TENANTS: 2127 nos. SHOPS: 124 nos.
24. Number of expected residents / users	Residential: 8535 nos. Commercial: 248 nos.
25. Tenant density per hectare	233
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	15 m wide road
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29. Existing structure (s) if any	NA

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019	Page 57 of 76	 Shri M.M. Adtani (Chairman SEAC-II)
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30.Details of the demolition with disposal (If applicable)	NA
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31.Production Details

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


32.Total Water Requirement

Dry season:	Source of water	Gram Panchayat + Recycled water
	Fresh water (CMD):	774 KLD
	Recycled water - Flushing (CMD):	389 KLD
	Recycled water - Gardening (CMD):	42 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	1205 KLD
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	465 KLD
	Excess treated water	511 KLD
Wet season:	Source of water	Gram Panchayat + Recycled water + RWH
	Fresh water (CMD):	774 KLD
	Recycled water - Flushing (CMD):	389 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	1163 KLD
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	465 KLD
	Excess treated water	553 KLD

Details of Swimming pool (If any)	NA
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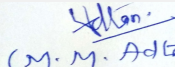
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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Shri M.M.Adtani (Chairman SEAC-II)

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2.5 m to 3.0 m below ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	25 nos.
	Size of recharge pits :	Diameter:2.5 m
	Budgetary allocation (Capital cost) :	Rs 22.5 lakhs
	Budgetary allocation (O & M cost) :	Rs 2.25 lakh /year
	Details of UGT tanks if any :	Domestic: 4 nos. Flushing: 4 nos. Fire fighting: 1

35.Storm water drainage	Natural water drainage pattern:	As per the natural slope of the plot
	Quantity of storm water:	3.41 m3/sec
	Size of SWD:	Width 0.60 m x Depth 0.90 m

Sewage and Waste water	Sewage generation in KLD:	1076 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	4 nos. each of capacities 200 KLD, 320 KLD, 390 KLD & 250 KLD respectively.
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs 139 lakhs
	Budgetary allocation (O & M cost):	Rs 35 lakhs/year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Empty cement bags: 22721.7 nos; Steel: 7.6 MT; Aggregates: 15.1 MT; Broken Tiles: 1802 sq m; Empty Paint Cans (20 litre/ can): 1136 nos.
	Disposal of the construction waste debris:	Empty cement bags: To be handed over to local recyclers, Steel: To be handed over to local recyclers, Aggregates: To be used as a layer for internal roads and building boundary wall, Broken Tiles: Waste tiles to be used as china mosaic for terraces and Empty Paint Cans: to be sold.

Waste generation in the operation Phase:	Dry waste:	1744 kg/day
	Wet waste:	2580 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	54 kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Will be handed over to recyclers.
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	WILL BE USED AS MANURE
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	151 sq m
	Area for machinery:	20 sq m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 32 lakhs
	O & M cost:	Rs. 8 lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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			

38. 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

39. 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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

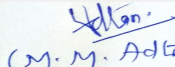
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		


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Shri M.M. Adtani (Chairman
SEAC-II)

43.Green Belt Development	Total RG area :	Proposed open space: 8415.43 sq m
	No of trees to be cut :	NA
	Number of trees to be planted :	927 nos.
	List of proposed native trees :	As given below
	Timeline for completion of plantation :	Before Completion of project


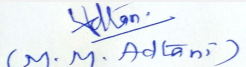
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	25	Medical tree
2	Ficus behnalensis	Vad	35	Medical tree
3	Alstonia scholaris	Indian devil	41	Ornamental tree
4	Pongamia pinnaca	Karanj	80	Ornamental tree
5	Ficus religiosa	Peepal	31	Medical tree
6	Ficus racemosa	Umber	65	Medical tree
7	Phoenix dactylifera	Date palm	35	Medical tree
8	Zizyphus indicus	Bor	110	Ornamental tree
9	Bauhunia blackianna	Bauhunia	65	Ornamental tree
10	Peltrophorum pterocarpum	Copper pod	85	Medical tree
11	Leueaena leucocephala	Subabhul	135	Medical tree
12	Acacia catechu	Khair	70	Medical tree
13	Borassus flabellifer	Tad	55	Ornamental tree
14	Cordia dichotoma	Bhokar	35	Ornamental tree
15	Nyetanthes arbotristis	Parijat	65	Ornamental tree
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019	Page 61 of 76	 Shri M.M.Adtani (Chairman SEAC-II)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	80 kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	13774.9 kW
	During Operation phase (Demand load):	4204 kW
	Transformer:	9 x 630 KVA
	DG set as Power back-up during operation phase:	Plot A: 1 x 160, Plot B: 1 x 200 KVA, Plot C: 1 x 250KVA, Plot D: 1 x 160 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- 1) We recommend to use Energy Efficient LED Lamps for Common & External Areas instead of CFL Lamps.
- 2) For Energy efficient performance we have proposed VFDs(Variable Frequency Drive) for all Motors used in Lifts, Plumbing, Fire fighting and Ventilation
- 3) We recommend to use electrical equipments such as AC, Fridge, Microwave, Light Fixtures etc. which are Higher rated(5 Star) by BEE(Bureau of Energy)
- 4) We recommend solar pv solution for lighting of common areas and external lighting.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Savings	12.1

50. Details of pollution control Systems



Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 105 lakhs
	O & M cost:	Rs. 5 lakhs/year

51. 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 Sprinkling, Green Belt Development, Covered storage area	2
2	Noise Environment	Noise Barricades and Green Belt Developments	1.5

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019)	Page 62 of 76	 Shri M.M.Adtani (Chairman SEAC-II)
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3	Water Environment	Modular STP, Drainage with sedimentation tanks	2
4	Good Health Practices	Site Sanitation & Health Care	1.0
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	2.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH TANKS	22.5	2.25
2	Waste water management	STP	139	35
3	Solid waste management	OWC	32	8
4	Landscaping	Green Belt Development	40	4
5	Energy conservation	Solar saving	105	5

51.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

52.Any Other Information

No Information Available

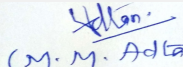
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	4 nos.
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Mr. Surykant Nikam
(Secretary SEAC-II)

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(M. M. Adtani)
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	704 sq m
	Area per car:	32 SQ M
	Area per car:	32 SQ M
	Number of 2-Wheelers as approved by competent authority:	Required Scooter: 2723, required Bicycle: 2723; Proposed Scooter: 2772, proposed bicycle: 2772
	Number of 4-Wheelers as approved by competent authority:	22 nos
	Public Transport:	Umroli Railway Station
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	in process separately
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tungareshwar Forest 38 km
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS


Summorisred in brief information of Project as below.

Brief information of the project by SEAC

Representative of PP was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Private Limited.

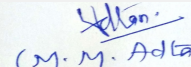
Committee noted that, the part of the project (6741.98Sq.mt plot area) falls under CRZ area. PP has applied for the MCZMA NoC but has not received NoC yet.

DECISION OF SEAC


Mr. Surykant Nikam
(Secretary SEAC-II)

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(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

In view of above, the proposal is deferred and shall be considered only after receipt of MCZMA clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-II decided to defer the proposal. Kindly find SEAC decision above.

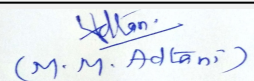
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**Mr. Surykant Nikam
(Secretary SEAC-II)**

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**Shri M.M.Adtani (Chairman
SEAC-II)**


Agenda of 94th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 94 (Day-2_ Meeting Date April 3, 2019)

Subject: Environment Clearance for Proposed redevelopment of existing building known as Hormus House on plot bearing C.S. No. 832, Plot No. 95, Worli Division, at Khan Abdul Gaffar Khan Road, Worli, Mumbai, in 'G-South' Ward.

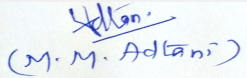
Is a Violation Case: No

1.Name of Project	Proposed redevelopment of existing building known as Hormus House on plot bearing C.S. No. 832, Plot No. 95, Worli Division, at Khan Abdul Gaffar Khan Road, Worli, Mumbai, in 'G-South' Ward.
2.Type of institution	Private
3.Name of Project Proponent	M/s Karp Estate Private Limited
4.Name of Consultant	M/s AQURA Enviro Projects Pvt. Ltd.
5.Type of project	Residential 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	C.S. No. 832, Plot No. 95Worli Division, at Khan Abdul Gaffar Khan Road
9.Taluka	Mumbai
10.Village	Worli
Correspondence Name:	Mr. Debashis Mitra
Room Number:	C-31,G-Block
Floor:	Ground floor
Building Name:	Naman Centre
Road/Street Name:	-
Locality:	Bandra Kurla Complex,
City:	Bandra (E)
11.Area of the project	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	Letter from MCGM with vide no. ChE/1366/Rds & Tr/C-82/PPL dated 31.08.2018 IOD/IOA/Concession/Plan Approval Number: Letter from MCGM with vide no. ChE/1366/Rds & Tr/C-82/PPL dated 31.08.2018 Approved Built-up Area: 13955.65
13.Note on the initiated work (If applicable)	Excavation Work is completed and part raft construction work is in progress, as per CC obtained with vide no. EB/4395/GS/A.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Letter from MCGM with vide no. ChE/1366/Rds & Tr/C-82/PPL dated 31.08.2018
15.Total Plot Area (sq. m.)	2584.38 Sq. m
16.Deductions	-
17.Net Plot area	2584.38 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 13928.76 Sq. m b) Non FSI area (sq. m.): 30398.54 Sq. m c) Total BUA area (sq. m.): 44327.3
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 13928.76 Sq. m Approved Non FSI area (sq. m.): 30398.54 Sq. m Date of Approval: 31-08-2018
19.Total ground coverage (m2)	1480.02 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.16 %
21.Estimated cost of the project	1188000000


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SEAC-II)


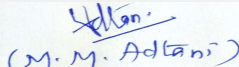
22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1	3 Basement + Stilt + 1st Parking + 2nd Service + 3rd to 14th parking + 15th service + 16th to 26th Residential floors + 27th Service Floor + 28th to 38st Residential Floors + 39th Service Floor + Terrace	152.15 m
23. Number of tenants and shops	No. of Flats-22 Flats Amenity's 1 Society Office 1 Fitness Center 4 Security Cabin		
24. Number of expected residents / users	Residential Population: 154, Visitors: 150 (Public Parking Floating Population), Staff: 40		
25. Tenant density per hectare	-		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	27.45 m wide Khan Abdul Gaffar Khan Road & 18.00 m wide Dr. R G Thadani Marg		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.0 m - 7.5 m		
29. Existing structure (s) if any	Existing structure has been demolished as per vide letter No. MCZMA-2016/CR-29/TC 4 dated 16.05.2016		
30. Details of the demolition with disposal (If applicable)	Existing structure has been demolished & waste is disposed as per construction and demolition rules 2016		


31. Production Details

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

32. Total Water Requirement

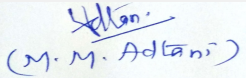
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Dry season:	Source of water	MCGM + Treated water from STP								
	Fresh water (CMD):	17								
	Recycled water - Flushing (CMD):	9.4								
	Recycled water - Gardening (CMD):	3.8								
	Swimming pool make up (Cum):	8.9								
	Total Water Requirement (CMD) :	26.4								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	8.3								
Wet season:	Source of water	MCGM + Harvested Rain Water + Treated water from STP								
	Fresh water (CMD):	17								
	Recycled water - Flushing (CMD):	9.4								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	8.9								
	Total Water Requirement (CMD) :	26.4								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	20.1								
Details of Swimming pool (If any)	Area: 140 Sq. m, Depth: 1.5 m Capacity: 168 Cum Water Requirement: 8.9 cum/day									
33.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	Not applicable



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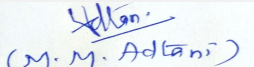

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.0 m to 3.4 m below ground level
	Size and no of RWH tank(s) and Quantity:	1 no. of Raw RWH Tank with 25 KL capacity, Size - 5.8m x 1.8 m
	Location of the RWH tank(s):	Basement 3
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	4 Lakh
	Budgetary allocation (O & M cost) :	0.5 Lakh Per annum
Details of UGT tanks if any :	<p>Domestic Water Tank: Residential: 25 KLD Public Parking: 17 KLD</p> <p>Flushing Water Tank: Residential: 21 KLD Public parking: 16 KLD</p> <p>Firefighting Tanks: Residential: 2 tanks of 100 KLD Public Parking: 2 no of 50 KLD</p> <p>Rain water Harvesting Tanks: 25 KLD Raw water Tank 2 Nos of 25 KLD treated water tanks</p>	
35.Storm water drainage	Natural water drainage pattern:	Storm water drain is laid at a slope of 1: 350 to the municipal outfall outside the plot. Rainwater from site shall be collected by network of storm water piping system through catch basins and storm channel & then allowed to connect to the public storm water line outside the plot boundary
	Quantity of storm water:	59.4 CUM per Day
	Size of SWD:	300 mm Wide drain Channel
Sewage and Waste water	Sewage generation in KLD:	23.8 KLD
	STP technology:	Moving Bed Bio Reactor Technology
	Capacity of STP (CMD):	1 no. of STP - 30 KLD
	Location & area of the STP:	Podium 1, Area: 30 Sq. m
	Budgetary allocation (Capital cost):	18 Lakh
Budgetary allocation (O & M cost):	4 lakh	
36.Solid waste Management		


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Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris
	Disposal of the construction waste debris:	Disposal of construction waste will be as per Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006 at the designated site as directed by the MCGM
Waste generation in the operation Phase:	Dry waste:	53 Kg/ day
	Wet waste:	35 Kg/ day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	3.0 Kg/ Day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Dry waste would be further segregated into recyclable and non-recyclable. Recyclable will be handed over to authorize vendors and non-recyclable will be handed over to local bodies
	Wet waste:	Wet Garbage will be treated in Mechanical Composting Unit, Organic Waste Converter (OWC) and the compost generated would be used as manure for gardening purpose and excess would be sold to authorize vendors
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dry sludge would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Others if any:	Not Applicable
Area requirement:	Location(s):	Podium 1
	Area for the storage of waste & other material:	20 Sq. m
	Area for machinery:	10 Sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	6 lakh
	O & M cost:	2.5 Lakh per annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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			

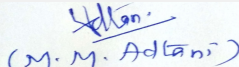
38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
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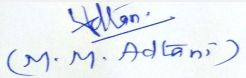

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1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
41.Source of Fuel		Not applicable					
42.Mode of Transportation of fuel to site		Not applicable					
43.Green Belt Development							
		Total RG area :	522.16 Sq. m				
		No of trees to be cut :	2				
		Number of trees to be planted :	New trees to be planted in lieu of trees to be cut = 4 Nos. Trees to be transplanted = 5 Nos. Trees to be planted as per RG area: 522.16 Sq. M. = 25 Nos. Trees to be planted as per Open Spaces: 1126.25 Sq. Mt. = 22 Nos. Total Trees on site = 4 + 5 + 25 + 22 = 56 Nos.				
		List of proposed native trees :	Shirish, Neem, Sita Ashok, Kadamb, Satwin				
		Timeline for completion of plantation :	After completion of construction work				
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Albizia lebbeck	Shirish	10	Shady tree, yellowish green fragrant flowers			
2	Azadiracta indica	Neem	10	Large tree, good for roadside plantation			
3	Saraca asoka	Sita Ashok	10	Shady tree with red-yellow flowers			
4	Anthocephallus cadamba	Kadamb	11	Shady, large tree, ball shaped flowers.			
5	Alstonia scholaris	Satwin	10	Shady Tree, white fragrant flowers			
45.Total quantity of plants on ground							
46.Number and list of shrubs and bushes species to be planted in the podium RG:							
Serial Number	Name	C/C Distance	Area m2				
1	Not Applicable	Not Applicable	Not Applicable				
47.Energy							

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Power requirement:	Source of power supply :	B.E.S.T.
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	Residential: 2501 KW + Public Parking: 159 KW = 2660 KW
	During Operation phase (Demand load):	Residential: 944 KW + Public Parking: 100 KW = 1044 KW
	Transformer:	Residential: 1 No. of 1250 KVA , Public Parking: 1 no. of 150 KVA
	DG set as Power back-up during operation phase:	Residential: 1 no. of 500 KVA , Public Parking: 1 no. of 125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

- 39 PV panels installed on residential Building Terrace to feed the common area lighting of the building
- Using Solar based stand alone street Light Fixture of 2 kW

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	39 PV panels installed on residential Building Terrace to feed the common area lighting of the building	5%
2	Using Solar based stand alone street Light Fixture of 2 kW	1%

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16.5 lakh
	O & M cost:	2 lakh

51. Environmental Management plan Budgetary Allocation

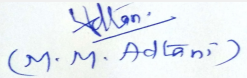
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust Suppression	0.5
2	Air Environment	Tyre cleaning and Vehicle maintenance	0.5


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3	Air Environment	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	0.1
4	Drinking water	Potable Water Supply	1.0
5	Socio-economic Environment	Site sanitation Facility and its maintenance	1.0
6	Health & Safety	Disinfection at Site	0.5
7	Health & Safety	Health check-up & first aid	1.0
8	Health & Safety	Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	5.0
9	Health & Safety	Safety Training to Workers (Twice in Year), Safety Officer	0.25
10	Health & Safety	Safety nets	0.25
11	Environment management	Environmental Monitoring	5.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP & Sewerage network	1 No of STP of 30 KLD	18	4
2	RWH System	1 no of RWH tank of 25 KL	4	0.5
3	Environmental Monitoring	Six monthly monitoring of Air, Noise, Water etc	6	1.5
4	Solid Waste Management	OWC & Curing System	6	2.5
5	Solar Installation	Solar PV panels	16.5	2
6	Landscaping	Maintenance of trees	2	0.3


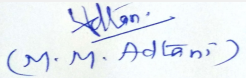
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

52.Any Other Information

No Information Available

53.Traffic Management


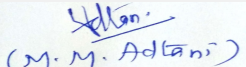
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	Nos. of the junction to the main road & design of confluence:	3
Parking details:	Number and area of basement:	3 Basement, Area: 5819.51 Sq. m
	Number and area of podia:	13 Podium, Area: 13058.27 Sq. m
	Total Parking area:	8700 Sq. m
	Area per car:	50 sq.m
	Area per car:	50 sq.m
	Number of 2-Wheelers as approved by competent authority:	10
	Number of 4-Wheelers as approved by competent authority:	174 (Residential: 70, Public Parking: 104)
	Public Transport:	None
	Width of all Internal roads (m):	6.0 m
	CRZ/ RRZ clearance obtain, if any:	Yes. CRZ NOC is obtained for the proposed project from MCZMA with vide letter no. MCZMA-2016/CR-29/TC4 dated 16.05.2016
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8(a) {Building and Construction projects = 20,000 sq. m. and <1,50,000 sq. m. of built-up area} Category 'B'
	Court cases pending if any	No
	Other Relevant Informations	None
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	06-05-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019	Page 74 of 76	 Shri M.M.Adtani (Chairman SEAC-II)
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Representative of PP Mr. Debashish was present during the meeting along with environmental consultant M/s AQURA Enviro Projects Pvt. Ltd.


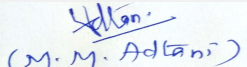
PP informed that, the project under consideration is *Residential Project with MCGM Car Parking*. PP further stated that, the total plot area of the project is 2584.38Sq.mt. having total construction area area 44327.3Sq.mt. (FSI - 13928.76 sq.mt + NON FSI- 30398.54 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building 1	3 Basement + Stilt + 1st Parking + 2nd Service + 3rd to 14th parking + 15th service + 16th to 26th Residential floors + 27th Service Floor + 28th to 38st Residential Floors + 39th Service Floor + Terrace	152.15 m

PP stated that the project is in CRZ-II and produced clarification from MCZMA dated 11th September 2017. It is not clear from the said letter that MCZMA in its 114th & 117th meeting held in November, 2016 & April, 2017, as mentioned in the letter, considered the same proposal which is under consideration or otherwise.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

DECISION OF SEAC

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 94 (Day-2_ Meeting Date: April 3, 2019	Page 75 of 76	 Shri M.M.Adtani (Chairman SEAC-II)
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In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

Specific Conditions by SEAC:

- 1) PP to submit the chronology & history of the project.
- 2) PP to submit CRZ NoC for project under consideration or letter from MS, MCZMA regarding applicability of revised CRZ NoC considering project potential increased by 4 FSI as against 1.33 FSI.
- 3) PP to submit the layout approval from corporation.
- 4) PP to submit the revised Architect certificate dated & addressing to committee regarding building wise construction carried out.
- 5) PP to submit the copy of HRC NoC.
- 6) PP to carry out hydrological survey from earth science department of VJTI for subsoil water to study the impact on ground
- 7) PP to revise the calculation of energy saving through solar & submit the same.
- 8) PP to submit the CFO NoC as per final layout approval.
- 9) As per the Hon'ble Supreme Court's Order, PP to Provide contiguous RG with minimum 7.5 m width on Mother Earth.
- 10) PP to submit compliance to ECBC guidelines.
- 11) PP to revise the project cost. PP to submit CER of 1.5%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 got approved from collector/ local bodyor Environment Department.

FINAL RECOMMENDATION

SEAC-II decided to defer the proposal. Kindly find SEAC decision above.

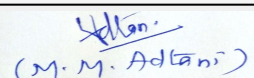
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(Secretary SEAC-II)**

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