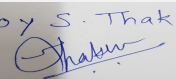
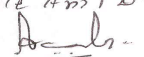


Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Residential and Commercial Construction Kingston Avenue Project by Supreme Developers at Sr. No. 70/1, 70/2/1, 70/3 to 8, CTS No. 1571 to 1576 Opp. Hotel Govind Garden, Pimple Saudagar, Tah. - Haveli, Dist. - Pune, Maharashtra.	
Is a Violation Case: Yes	
1.Name of Project	Residential and Commercial Construction Kingston Avenue Project by Supreme Developers
2.Type of institution	Private
3.Name of Project Proponent	Supreme Developers
4.Name of Consultant	ABC Techno Labs India 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	New
8.Location of the project	S. No. 70/1,70/2/1,70/3 to 8, 70 (P), CTS No. 1571 to 1576, Opp. Hotel Govind Garden, Pimple Saudagar
9.Taluka	Haveli
10.Village	Pimple Saudagar
Correspondence Name:	Khemchand Bhojwani
Room Number:	S. no.70
Floor:	Ground
Building Name:	NA
Road/Street Name:	NA
Locality:	Pimple Saudagar
City:	Pune
11.Whether in Corporation / Municipal / other area	PCMC
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number:
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	19500 sqm as per sanction
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	25881.07
16.Deductions	25051.62
17.Net Plot area	23329.45
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 41272.77
	b) Non FSI area (sq. m.): 53345.97
	c) Total BUA area (sq. m.): 94619
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 11700
	Approved Non FSI area (sq. m.): 7800
	Date of Approval: 15-11-2016
19.Total ground coverage (m2)	6328.57
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20%
21.Estimated cost of the project	1530000000

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Signature: 
Shri. Anil Kale (Chairman SEAC-III)

22.Number of buildings & its configuration

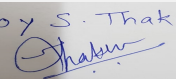
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A in Phase I	2P +11	36
2	B in Phase I	2P +11	36
3	C in Phase I	2P +11	36
4	D in Phase I	2P +11	36
5	E in Phase I	2P +11	36
6	Commercial building 1	B+G + Mezz. + 3 Floors	13.75
7	Convenient shop building	G +3	13.75
8	A in Phase II	2B + G + S +17	59.4
9	B in phase II	2B +G +2	9.6

23.Number of tenants and shops	residential : 479 Commercial building 1 and convenient shops 6 shops
24.Number of expected residents / users	5632
25.Tenant density per hectare	250 /hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9
29.Existing structure (s) if any	Building A,B and commercial building 1
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

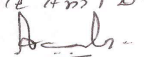
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

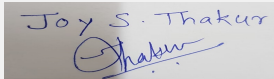
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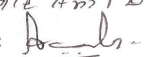
Name: K. Anil D.
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Dry season:	Source of water	PCMC								
	Fresh water (CMD):	305.11								
	Recycled water - Flushing (CMD):	191.38								
	Recycled water - Gardening (CMD):	15.61								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	512.1								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	20 KL/bldg								
	Excess treated water	239.84								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	305.11								
	Recycled water - Flushing (CMD):	191.38								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	469.49								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	20 Kl/bldg								
	Excess treated water	255.45								
Details of Swimming pool (If any)		Not applicable								
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	305.11	305.11	Not applicable	30.52	30.52	Not applicable	274.5	274.5	
Gardening	Not applicable	15.61	15.61	Not applicable	0	0	Not applicable	0	0	

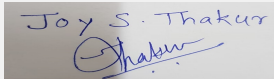

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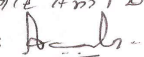
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2.5 - 5m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	5
	Size of recharge pits :	2 mX 2m X2 m
	Budgetary allocation (Capital cost) :	500000/-
	Budgetary allocation (O & M cost) :	5000/-pa
	Details of UGT tanks if any :	Domestic water requirement: 400 KL Fire fighting : 300 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	8825.59 m3
	Size of SWD:	650 mm
Sewage and Waste water	Sewage generation in KLD:	330
	STP technology:	MBBR
	Capacity of STP (CMD):	2 nos. 200 KLD and 1 No. 185 KLD
	Location & area of the STP:	As per contour
	Budgetary allocation (Capital cost):	25,00,000/-
	Budgetary allocation (O & M cost):	250000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of construction material
	Disposal of the construction waste debris:	Land filling on the same site
Waste generation in the operation Phase:	Dry waste:	965
	Wet waste:	1042
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	33 kg/day
	Others if any:	E-waste 4435


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Mode of Disposal of waste:	Dry waste:	Through authorized vendour
	Wet waste:	Through mechanical composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Through mechanical composting machine
	Others if any:	sold to authorized vendor
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	80 sqm
	Area for machinery:	40 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	64lakhs
	O & M cost:	6.5 lakhs pa.

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7-8.5	6.5 -7.5	Not applicable
2	COD	mg/l	300-400	<30	Not exceed 100 mg/l
3	BOD	mg/l	250-300	<10	Not to exceed 10 mg/l
4	TSS	mg/l	350-450	<5	Not to exceed 50 mg/l
5	O & G	mg/l	10	<5	Not applicable
6	TDS	mg/l	Not applicable	<1000	Not applicable
7	Total Nitrogen	mg/l as N	40-50	< or equal to 10	Not applicable
8	Ammonical nitorgen	mg/l	5-7	< or qual to 1	Not applicable
9	Total phosphohate	mg/l	5-7	< or equal to 2	Not applicable
10	Feacal coliform	MPN/100	1000000	Nil	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

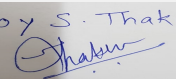
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38.Hazardous Waste Details

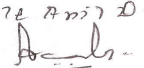
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

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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

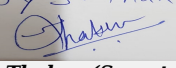
43.Green Belt Development	Total RG area :	2602 sqm
	No of trees to be cut :	NA
	Number of trees to be planted :	211
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	1 year

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	Anthocephallus Kadamba	Kadamb	21	Shady large tree, ball shaped flowers
2	Azadirachta indica	Kadulimb	10	Semi evergreen tree with medicinal value
3	Bauhinia racemosa	Apta	19	Small tree with small white flowers, butterfly host plant
4	Cassia fistula	Bahava	18	Medium sized deciduous tree
5	Caryota urens	Fish tail palm	30	Tall evergreen tree
6	Erythrina indica	Pangara	12	Medium sized deciduous tree, bright scarlet flowers.
7	Lagerstroemia flos reginea	Tamhan	16	State flower tree of Maharashtra, Medium sized tree, beautiful purple flower
8	Michelia champaka	Son Chapha	27	Medium sized evergreen tree, fragrant yellow flowers ,butterfly host plant
9	Mimusops elengi	Bakul	11	Shady tree, small white fragrant flowers
10	Putranjiva roxburghii	Putranjiva	22	Medium sized evergreen tree
11	Plumeria	Chapha	25	Medium sized ,fragrant white flowers ,butterfly host plant

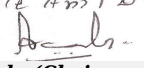
45.Total quantity of plants on ground

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

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

47. Energy

Power requirement:	Source of power supply :	MSDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA
	During Operation phase (Connected load):	4403 KW (4892 KVA)
	During Operation phase (Demand load):	2369KW (2632 KVA)
	Transformer:	22KV / 630 KVA X 4 Nos. & 315 KVA X 1 No
	DG set as Power back-up during operation phase:	Phase - I DG. Set - 200 KVA - 1 No. , DG SET - 100 KVA -1 No. Phase-II DG. Set - 250KVA - 1 No. DG. Set - 40 KVA - 1 No.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Energy saving measures

The following Energy Conservation Methods are proposed in the project:

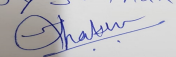
- Solar Water Heating Systems Will Be Done For Bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- Water Level Controllers with Timers will be used for Water Pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED Lights.
- Overall Energy Saving in % - 18.30 % / Annual .

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. P	141.3 KWH / Day
2	Garden Pole - Light Fitting For Landscape Area.	1.44 KWH / Day
3	Up Lighter - Light Fitting For Landscape Area.	0.96 KWH / Day
4	Bollard Lighter - Light Fitting For Landscape Area	1.4 KWH / Day
5	Street Light Fitting - Pole Light On Road Side	7.7 KWH / Day
6	Street Light Fitting - On the Bldg.	9.77 KWH / Day
7	Energy Saving by Solar Hot Water System.	1718 KWH / Day

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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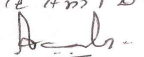
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Water pollution	Not applicable	STP given
Solid waste	NA	OWC given
Noise pollution due to DG	NA	Acoustic encloser to DG

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	92,20000/-
	O & M cost:	1,84,000/-

51.Environmental Management plan Budgetary Allocation

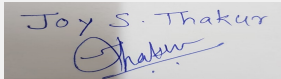
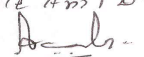
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression measures	2.5
2	Site safety	Sign boards net and labour seafly	9
3	Site sanitation	Treatment for waste water and solid waste	2.50
4	Disinfection and health check up	Medical camp	2.75
5	Env. monitoring	Air, water , noise and soil monitoring and sampling and analysis	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	2 STP	64	6.5
2	Solid waste management	2 OWC	14	2
3	Rain water harvesting	Pits and internal piping	5	0.5
4	Storm water networking	Internal and external pinping up to final disposal	6	1
5	Landscape	plantation	9	2.0
6	Energy	Energy conservation measures	92.20	1.84
7	Env. monitoring	Air, Noise soil and water sampling and analysis	0	1.6
8	Site safety and awareness	Awareness campaign for residence	9	0

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

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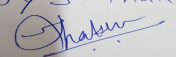
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

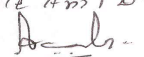
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	1 and area is 4
	Number and area of podia:	1
	Total Parking area:	20957.2
	Area per car:	35 m
	Area per car:	35 m
	Number of 2-Wheelers as approved by competent authority:	1480
	Number of 4-Wheelers as approved by competent authority:	417
	Public Transport:	NA
	Width of all Internal roads (m):	6 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	Yes
	Other Relevant Informations	Submitted to Moef Violation portal dated 14/7/2017 vide proposal no IA/MH/MCP/66212/2017

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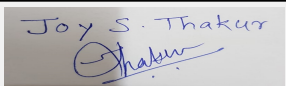
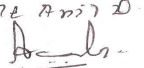
Name: K. Anil D.
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	17-09-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	--
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

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PP had submitted application for prior Environmental clearance for total plot area of 25881.07 m², FSI area of 41272.77 m², Non FSI area of 53345.97 m² and total BUA of 94618.74 m².

PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. PP informed that the total constructed area on site is: 27323 m².

PP was issued Terms of Reference in 84th SEAC-3 meeting for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP). Accordingly, PP has submitted Environment Impact Assessment (EIA) and Environment Management Plan (EMP).

The building configuration of the proposal is as below:

Building A (Phase I) (Height- 33.80 m) : 2P+11

Building B (Phase I) (Height- 33.80 m) : 2P+11

Building C (Phase I) (Height- 33.80 m) : 2P+11

Building D & E (Phase I) (Height- 33.80 m) : 2P+11

Commercial Building (Phase I) (Height- 13.75): B+G+Mezz+3

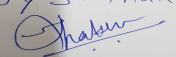
Convenient Shops at Building D (Phase I) (Height- 4.10): G+0

Building A (Phase II) (Height- 51.75) : 2B+G+S+17

Building B (Phase II) (Height- 9.60) : 2B+G+2

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

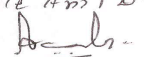
DECISION OF SEAC

Joy S. Thakur


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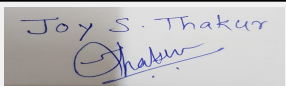
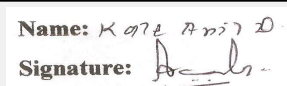
Shri. Anil Kale (Chairman
SEAC-III)

During discussion following points emerged:

1. PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018 along with details of fund utilization & agreement or consent of executor.
2. PP to revise fire tender movement such that ramp does not start close to the entry and at least 3 to 4 m space is available between plot boundary and ramp.
3. OWC to be relocated in such a way that it is individually approachable irrespective of the ramp.
4. PP to submit parking layout plan at all levels including basement.
5. PP to submit basement approval plan.
6. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.
7. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
8. PP to revise traffic impact assessment studies by incorporating traffic generation values of similar development by actual count as support data for assumption made to the project.
9. PP to submit details and drawings of internal storm water up to final disposal point indicating RWH pits separately for terrace water and surface water.
10. PP to submit cross section at 4-5 places including UGT, OWC and DG set location showing clear road width, distance left from building line and spaces left for plantation, parking, service lines, foot paths, etc.
11. PP to submit details of existing socio-economic infrastructure - primary, pre-primary schools etc. within vicinity.
12. PP to submit co-ordinated master layout superimposing all environmental parameters.
13. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
14. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.
15. Details regarding provision of mandatory RG area on virgin land and submit the drawing with calculations, ensuring entire mandatory RG is provided on the plot where residential buildings are proposed.
16. PP to obtain and submit following revised (latest) NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management. (e) Garden NOC.
17. PP to submit details of Solar PV and Solar water heater in the specific format. PP to carryout shadow analysis for identifying the roof-top area for providing solar panels
18. PP to submit Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.
19. PP to submit Undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
20. PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

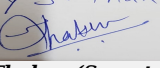
Specific Conditions by SEAC:

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 5, 2019	Page 12 of 116	Name: K. Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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FINAL RECOMMENDATION

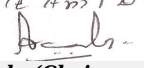
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-0000000351

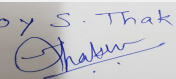
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Joy S. Thakur (Secretary
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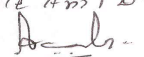
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Environment Clearance of residential & Commercial project	
Is a Violation Case: No	
1.Name of Project	Residential & Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	M/s. Cavalcade Properties Pvt. Ltd.
4.Name of Consultant	Sneha Hi-Tech products
5.Type of project	Housing Project (Residential & Commercial)
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	S. No. 42 (parts)
9.Taluka	Haveli
10.Village	Mohammadwadi
Correspondence Name:	Mr. Anil Mathur/ M/s. Cavalcade Properties Pvt. Ltd.
Room Number:	-
Floor:	-
Building Name:	Site Office
Road/Street Name:	Near Cloud 9 Society NIBM Road
Locality:	Mohammadwadi
City:	Pune
11.Whether in Corporation / Municipal / other area	Project falls under Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Building plan is yet to approved by Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: Building plan is yet to approved by Pune Municipal Corporation Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	26865.96 m2
16.Deductions	3577.67 m2
17.Net Plot area	23288.29m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 63421.54 m2 b) Non FSI area (sq. m.): 48234.39 m2 c) Total BUA area (sq. m.): 111655.93
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): - Date of Approval: 15-01-2020
19.Total ground coverage (m2)	2742.40 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	10.43%
21.Estimated cost of the project	2440000000
22.Number of buildings & its configuration	

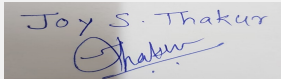
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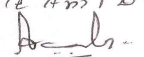
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A 1	1B +2P+2 Podium+26 floors	93.64	
2	Building A 2	1B +2P+2 Podium+26 floors	93.64	
3	Building A 3	1B +2P+2 Podium+26 floors	93.64	
4	Building A 4	1B +2P+2 Podium+26floors	93.64	
5	Building A 5	1B +2P+2 Podium+26 floors	93.64	
6	Building B	B+G+3Podium+ 09 floors	38.99	
7	Club House	G+ 1 floor	9.00	
23.Number of tenants and shops		Tenements: 851 nos. Commercial area: 237.23m2 Shops - 10 nos		
24.Number of expected residents / users		Residential- 4255 Commercial- 80 Floating- 700, Total User : 5035		
25.Tenant density per hectare		250/H		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		24 m and 30 m wide DP 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				

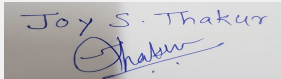

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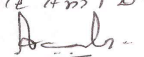
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water			Pune Municipal Corporation/Recycled					
	Fresh water (CMD):			395 m3/day					
	Recycled water - Flushing (CMD):			191 m3/day					
	Recycled water - Gardening (CMD):			47 m3/day					
	Swimming pool make up (Cum):			NA					
	Total Water Requirement (CMD) :			633 m3/day					
	Fire fighting - Underground water tank(CMD):			375 m3					
	Fire fighting - Overhead water tank(CMD):			As per Fire NOC					
	Excess treated water			235 m3/day					
Wet season:	Source of water			Pune Municipal Corporation/Recycled					
	Fresh water (CMD):			395 m3/day					
	Recycled water - Flushing (CMD):			191 m3/day					
	Recycled water - Gardening (CMD):			24 m3/day					
	Swimming pool make up (Cum):			NA					
	Total Water Requirement (CMD) :			609 m3/day					
	Fire fighting - Underground water tank(CMD):			375 m3					
	Fire fighting - Overhead water tank(CMD):			As per Fire NOC					
	Excess treated water			259 m3/day					
Details of Swimming pool (If any)				NA					
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


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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	From 24 to 28M (as per Geological investigation report)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	11 Dry Bores & 6 recharge Pits
	Size of recharge pits :	Recharge Pit- 2.50 x 2.50 x 2.40 M Dry Bore - 1.80 x 2.40 x 30 M
	Budgetary allocation (Capital cost) :	Rs. 123.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 10.00 Lakhs /annum
	Details of UGT tanks if any :	For A Buildings: Recycle Water: 43m3 Fire-fighting: 300 m3 Drinking Water Storage: 200 M3/Day Domestic Water Storage: 370 M3/Day For B Buildings: Recycle Water: 10 m3 Fire-fighting: 75 M3/Day Drinking Water Storage: 179 m3 Domestic Water Storage: 331 m3
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	47.75 m3/hr.
	Size of SWD:	The pipe diameter proposed within the premises is 300 mm to 600mm. The open Channel crossing the plot is having width 2.00 M.
Sewage and Waste water	Sewage generation in KLD:	498 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	STP- 1 for A Building : 440M3/Day & STP-2 for B Building : 70M3/Day
	Location & area of the STP:	Location: On Ground in decentralized manner. Area : 350.00 Sq. M.
	Budgetary allocation (Capital cost):	Rs. 195.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 25.00 Lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated soil, construction concrete, cement bags, CLC blocks, bricks, broken tiles, Scarp metals etc. will be generated
	Disposal of the construction waste debris:	Construction debris will be used for backfilling, site leveling, internal road preparation. Top soil will be used for landscaping. Maximum construction waste will be reused on site and remaining will be handed over to authorized vendor.
Waste generation in the operation Phase:	Dry waste:	1030 kg/day
	Wet waste:	1300 kg/day
	Hazardous waste:	Small quantity of DG set used oil, paints etc.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	35 kg/day
	Others if any:	-
SEAC-III		
3, 2019		
07/11/2019		
SEAC-III		

Mode of Disposal of waste:	Dry waste:	Will be handed over to authorized vendor
	Wet waste:	Will be treated in Smart Mechanical composting Machine
	Hazardous waste:	Handed over to authorized Vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried and used as manure for gardening
	Others if any:	-
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	(20 Sq. M.- Storage) Storage Area - 16 (OWC-1) + 15 (OWC -2) = 31 Sq. M.
	Area for machinery:	Area for the storage of waste & other material Area for machinery- 120 m2 (100 Sq. M. for machinery) Machine Area - 48 Sq. M. (OWC-1) + 45 Sq. M. (OWC-2) = 93 sq. M.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 41.50 Lakhs
	O & M cost:	Rs. 9.38 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

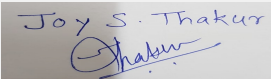
39. Stacks emission Details

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

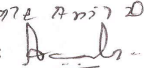
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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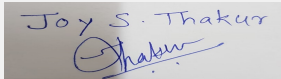
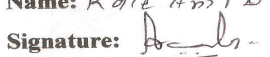
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	2,328.83 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	292
	List of proposed native trees :	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	21	-Fragrant flowers or leaves, Attracts -Birds/ Butterflies/Bees, - deepgreen, Shiny foliage
2	Cassia Fistula	Bahava	19	Auspicious -attracts birds/bees/butterfiles -hanging or weeping growth
3	Neolamarckia Cadamba	Kadamb	10	Fragrant flowers or leaves - attracts butterflies/bees -quick groving/creates shade
4	Pongamia Pinnata	Indian beech tree	6	Fragrant flowers or leaves - attracts birds/butterflies/bees - drought tolerant
5	Lagerstromia Speciosa	Taman	11	-Creates shade -attracts birds/butterflies/bees -good for screening
6	Michelia Champaka	Pivala chafa	13	-Fragrant flowers or leaves - attracts birds/butterflies/bees - evergreen tree
7	Bauhinia Purpurea	Rakt kanchan	17	Fragrant flowers or leaves -plant for pooja -evergreen tree
8	Melia Azedarach	Persian lilac	17	-Fragrant flowers or leaves - attracts birds/butterflies/bees - medicinal uses
9	Artocarpus Heterophyllus	Jack fruit	19	Fruit bearing -evergreen - commercial value
10	Aegle Marmelos	Bel	11	-Fruit plant/medicinal plant - fragrant flowers or leaves -plant for puja or prayer flower or leaves
11	Syzygium Cumini	Jamun	24	-Fruit plant -fragrant flowers or leaves -attracts birds/butterflies/bees
12	Mangifera Indica	Mango	13	Fruit plant -fragrant flowers or leaves -attracts birds/butterflies/bees
13	Butea Monosperma	Palas	14	Fragrant flowers or leaves -flowers covering the entire crown -plant for pooja
14	Putranjiva Roxburghii	Putranjiva	07	Medicinal tree -moderate sized evergreen -pendant branches

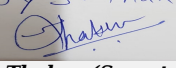
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 5, 2019	Page 19 of 116	Name: K. Anil D.  Shri. Anil Kale (Chairman SEAC-III)
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15	Terminalia Arjuna	Arjun	09	Medicinal tree -large sized evergreen -spreading crown and drooping branches
16	Senna Siamea	Kassod	12	Quick growing trees -attracts birds/butterflies/bees -evergreen tree
17	Toona Ciliata	Indian Mahogany	11	-Evergreen tree -attracts birds/butterflies/bees -quick growing tree
18	Albizia Lebbeck	Shirish	13	-Fragrant flowers or leaves - attracts birds/butterflies/bees - drought tolerant
19	Manilkara Zapota	Chikoo	11	Fruit plant -fragrant flowers or leaves -attracts birds/butterflies/bees
20	Terminalia Catappa	Badam	10	Quick growing tree -creates shade -attracts birds/bees
21	Mimusops Elengi	Bakul	09	-Fragrant flowers or leaves - attracts birds/bees -evergreen tree/creates shade
22	Bauhinia Racemosa	Apta	15	-Moderate sized deciduous tree - plant for puja or prayer flower or leaves

45.Total quantity of plants on ground

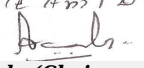
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Tulas	0.30	7
2	Acalypha goderej	0.30	9.25
3	Plumbago Capensis	0.45	24.50
4	Ratrani	0.45	22.00
5	Tecoma Gaudichaudi	0.45	25.60
6	Shambhukas Nigra	0.45	37.40
7	Cassia Glauca	0.45	12.00
8	Thivetia	0.45	26.00
9	Sontakka	0.30	15.00
10	Hamelia Dwarf	0.30	33.00
11	Hibiscus Red	0.45	18.00
12	Myna Erecta	0.45	12.00
13	Spider Lily	0.30	20.00
14	Galphimia	0.45	10.00
15	Wedellia	0.23	15.00
16	Mogra	0.45	18.00
17	Oliender Pink	0.45	13.25
18	Lantana Depressa	0.35	25.00
19	Kamini	0.45	10.50
20	Tagar variegated	0.35	21.50
21	Kunda	0.30	10.00
22	Aboli	0.35	20.00

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

47. Energy			
Power requirement:	Source of power supply :	MSEDCL	
	During Construction Phase: (Demand Load)	100 KW	
	DG set as Power back-up during construction phase	1 no. x 125 KVA	
	During Operation phase (Connected load):	5181 KW	
	During Operation phase (Demand load):	3045KVA	
	Transformer:	05 nos. x 630 KVA	
	DG set as Power back-up during operation phase:	3 No's of 250 KVA	
	Fuel used:	Diesel	
	Details of high tension line passing through the plot if any:	NA	
48. Energy saving by non-conventional method:			
Energy saving by non-conventional method • Common area lighting in Lift lobbies, Parking, Passage & Street light with LED lamp. • 1% Of Solar PV generation on total Connected load. • Timer switches are proposed for common area lighting. • High Efficiency transformers as per MSEDCL requirements			
49. Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures		Saving %
1	Percentage of saving by Energy saving		Percentage of saving by Energy saving
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. 49 Lakhs	
	O & M cost:	Rs. 2.5 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	Water for Dust Suppression	To control air pollution	2
2	Site Sanitation, Disinfection & Safety	To maintain hygienic condition	1.5

3	Environmental Monitoring	Air, water, noise and soil analysis	2
4	Health Check up	To check fitness of workers	2.5
5	Environment Management Cell	To manage environmental issues	8

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	To harvest rain water	123.00	10.00
2	Sewage Treatment Plant	To treat sewage	195.00	25.00
3	Smart Mechanical CoMposting	To treat biodegradable solid waste	41.50	9.71
4	Green Belt Development	Tree plantation	53.55	5.50
5	Energy saving	energy saving	49	2.50
6	Environment Monitoring	Air, water, noise and soil analysis	-	3
7	Laying of Storm line up to final disposal point	For proper storm water disposal	Included in the above	-
8	Laying of Sewer line up to final disposal point	For proper disposal of sewage	Included in the above	-
9	Environment Management Cell	To manage environmental issues	-	7.8

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

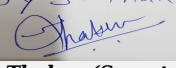
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

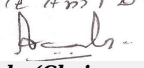
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Site is connected to 24 m & 30 M wide DP road at two different locations.
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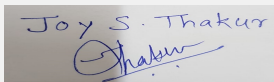
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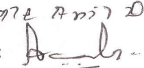
Name: K. Anil Kale
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 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	No. of basement: 01 in each building Area of basement Bldg A: 3666.92 m ² & Bldg B: 468.30 m ²
	Number and area of podia:	No. of Podium: 02 in A building (A1 to A5) Total Area of podium: 5215.00 m ²
	Total Parking area:	A building- 19199.63 Sq.m. B Building- 3675.00 Sq.m.
	Area per car:	A Building: Basement 1 - 26.00 Sq.m, Podium 1-33.64 Sq.m., Lower Ground-25.17 Sq.m. Upper ground-26.40 Sq.m., B Building: Basement 1 - 31.22 Sq.m Ground-40.80 Sq.m. Parking Lvl 1 to 3-36.00 Sq.m
	Area per car:	A Building: Basement 1 - 26.00 Sq.m, Podium 1-33.64 Sq.m., Lower Ground-25.17 Sq.m. Upper ground-26.40 Sq.m., B Building: Basement 1 - 31.22 Sq.m Ground-40.80 Sq.m. Parking Lvl 1 to 3-36.00 Sq.m
	Number of 2-Wheelers as approved by competent authority:	Scooters required: 1809 Provided: 1809
	Number of 4-Wheelers as approved by competent authority:	Cars required: 859 Provided: 859
	Public Transport:	NA
	Width of all Internal roads (m):	6 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), B2 category
	Court cases pending if any	NO
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	


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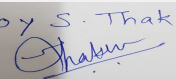
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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

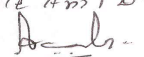
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	--
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

SEAC-AGENDA-000000351

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Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 26865.96 m², FSI area of 63421.54 m², Non FSI area of 48234.39 m² and total BUA of 111655.93 m².

The building configuration of the proposal is as below:

Building A 1 (Height-93.64) : 1B+2P+2 Podium+ 26 Floors

Building A 2 (Height-93.64) : 1B+2P+2 Podium+ 26 Floors

Building A 3 (Height-93.64) : 1B+2P+2 Podium+ 26 Floors

Building A 4 (Height-93.64) : 1B+2P+2 Podium+ 26 Floors

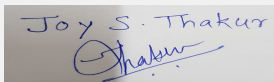
Building A 5 (Height-93.64) : 1B+2P+2 Podium+ 26 Floors

Building B (Height-38.99) : B+G+3 Podium+ 09 Floors

Club House (height-9.00 m) : G+1 floor

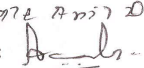
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


**Joy S. Thakur (Secretary
SEAC-III)**

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Name: K. Anil Kale

**Signature: Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

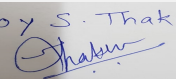
1. In CER, PP to submit number of proposed RWH pits and their locations.
2. PP to submit debris management plan.
3. PP to submit basement approval plan.
4. PP to submit High Rise NOC.
5. PP to submit master layout superimposing all environmental parameters.
6. PP to obtain and submit following NOC's: (a) CFO NOC, (b) solid waste / e-waste management. (c) Garden NOC. (d) Water supply with quantity.
7. PP to submit details of UGT sections.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

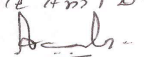
FINAL RECOMMENDATION

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

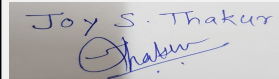
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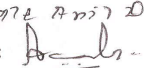
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Proposed Residential and Commercial Development	
Is a Violation Case: Yes	
1.Name of Project	Proposed Residential and Commercial Development
2.Type of institution	TOR
3.Name of Project Proponent	Bhujbal Family
4.Name of Consultant	M/s Enviro Resources
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No. 67, H. No. 2+4 to 7+9 to 11 and H. No. 8A+3+1
9.Taluka	Haveli
10.Village	Kothrud
Correspondence Name:	Mr Suraj Bhujbal
Room Number:	S. No. 160
Floor:	NA
Building Name:	Bhujbal House
Road/Street Name:	NA
Locality:	Kothrud
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	CC/2500/17 dated 29.12.2017 IOD/IOA/Concession/Plan Approval Number: CC/2500/17 dated 29.12.2017 Approved Built-up Area: 79080
13.Note on the initiated work (If applicable)	We have constructed as per old sanctions
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	54000
16.Deductions	443.13
17.Net Plot area	53556.87
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 70,818.59 b) Non FSI area (sq. m.): 64,046.72 c) Total BUA area (sq. m.): 134865.30
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 70,818.59 Approved Non FSI area (sq. m.): 64,046.72 Date of Approval: 02-12-2017
19.Total ground coverage (m2)	9737.06
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.18
21.Estimated cost of the project	153
22.Number of buildings & its configuration	

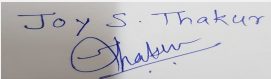

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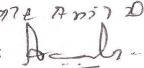
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A1	B1+P+5	7.30
2	A2	G+1	17.30
3	A3	P+5	19.95
4	A4	P+6	7.30
5	A5	G+1	7.30
6	B 1	P+6	19.95
7	B 2	P+11	35.70
8	B 3	P+5	17.85
9	B 4	P+6	20.10
10	B 5	P+7	22.80
11	B 6	P+5	17.10
12	B 7	SEMBES+P+11	36.0
13	B 8	SEMBES+P+11	36.0
14	B 9	P+10	31.35
15	B 10	B+G+P+15	35
16	C 1	P+10	23.90
17	C 2	P+11	10.05
18	C3	LP+G+2	36.65
19	C 4	L.P+G+7	23.90
20	C 5	L.P+G+2	10.05
21	C 6	LP+PP+11	38.55
22	C 7	LP+PP+11	38.55
23	C 8	P+11	35.55
24	C 9	P+11	36.0
25	C 1 0	M.S + P+11	36.65
26	D1	B1+B2+G+P+15	48.75
27	D2	B1+B2+G+P+15	48.75
28	D3	B1+B2+G+P+P1+14	49.90
29	D4	B1+B2+G+P+15	48.75
30	D5	B1+B2+G+P+15	48.75
31	E1 to E4 Commercial	Semi Base /G+6	23.10
23.Number of tenants and shops	Residential = Existing - 521Nos. Proposed - 674 Nos. Total - 1195 Shop - 2821.84 Sq.mt.		
24.Number of expected residents / users	Residential - Existing - 2605 Nos. Proposed - 3370 Nos. Total - 5975 Floating - 300		
25.Tenant density per hectare	240.93		
26.Height of the building(s)			


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Name: K. Anil D.
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SEAC-III)**

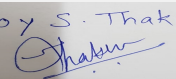
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	16M WIDE ROAD KOTHRUD FIRE STATION
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9M
29.Existing structure (s) if any	NA
30.Details 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

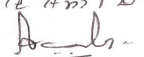
32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	Existing - 234 Proposed - 304
	Recycled water - Flushing (CMD):	Existing - 117 Proposed - 152
	Recycled water - Gardening (CMD):	37
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	493
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	1076 (for all building
	Excess treated water	151

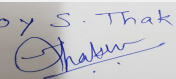
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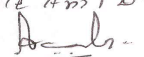
Name: Kote Anil D.
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Shri. Anil Kale (Chairman
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Wet season:	Source of water	PMC								
	Fresh water (CMD):	Existing - 234 Proposed - 304								
	Recycled water - Flushing (CMD):	Existing - 117 Proposed - 152								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	456								
	Fire fighting - Underground water tank(CMD):	500								
	Fire fighting - Overhead water tank(CMD):	1076 (for all building								
	Excess treated water	151								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requirement	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:	4 m to 7.5 m								
	Size and no of RWH tank(s) and Quantity:	NA								
	Location of the RWH tank(s):	NA								
	Quantity of recharge pits:	21 no's (Existing 13 + Proposed 8								
	Size of recharge pits :	2M x 2 M								
	Budgetary allocation (Capital cost) :	21.0 IACS								
	Budgetary allocation (O & M cost) :	0.42 LACS								
	Details of UGT tanks if any :	NA								

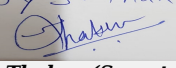
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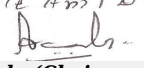
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35.Storm water drainage	Natural water drainage pattern:	South - Waste Corner			
	Quantity of storm water:	12.00 m3 / sec			
	Size of SWD:	450mm Dia.			
Sewage and Waste water	Sewage generation in KLD:	409KLD			
	STP technology:	MBBR technology			
	Capacity of STP (CMD):	1NO. OF 410 KL			
	Location & area of the STP:	AS PER LAYOUT			
	Budgetary allocation (Capital cost):	35.0Lacs			
	Budgetary allocation (O & M cost):	14.0Lacs			
36.Solid waste Management					
Waste generation in the Pre Construction and Construction phase:	Waste generation:	37 kg/day			
	Disposal of the construction waste debris:	used within site for leveling			
Waste generation in the operation Phase:	Dry waste:	Existing - 352 Proposed - 674			
	Wet waste:	Existing - 821 Proposed - 1011			
	Hazardous waste:	Nil			
	Biomedical waste (If applicable):	Nil			
	STP Sludge (Dry sludge):	66 kg/day			
	Others if any:	Not any			
Mode of Disposal of waste:	Dry waste:	Through authorised vendor			
	Wet waste:	Through Organic waste composting machine			
	Hazardous waste:	NA			
	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	used as manure within site			
	Others if any:	Not any			
Area requirement:	Location(s):	As per layout			
	Area for the storage of waste & other material:	130 sq. m			
	Area for machinery:	considered in above area			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	36.50Lacs			
	O & M cost:	8.54 lacs			
37.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)

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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	Diesel	Diesel	Diesel	Diesel

41.Source of Fuel near by pumps

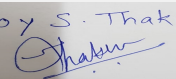
42.Mode of Transportation of fuel to site via road

43.Green Belt Development

Total RG area :	5355.66 Sq. m.
No of trees to be cut :	0
Number of trees to be planted :	670
List of proposed native trees :	670
Timeline for completion of plantation :	Till the completion of project

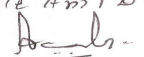
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mangifera indica	Mango	30	Fruit bearing evergreen tree
2	Psidium guajava	Peru	30	Fruit bearing evergreen tree
3	Moringa oleifera	Shevga	40	Fruit bearing evergreen tree
4	Muntingia calabura	Singapur chery	50	Fruit bearing evergreen tree
5	Ficus benamina	Umber	25	Fruit bearing evergreen tree

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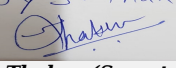
Name: K. Anil D.

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6	Terminalia catapa	Badam	25	Fruit bearing tree
7	Tamarindus indica	Chinch	20	Fruit bearing evergreen tree
8	Ziziphus mauritiana	Bor	30	Fruit bearing tree
9	Cocos nucifera	Coconut	40	Fruit bearing evergreen tree
10	Syzygium cumini	Jambhul	50	Fruit bearing evergreen tree
11	Saraca asoca.	sita ashok	40	Flower bearing evergreen tree
12	Lagerstroemia speciosa.	Tamhan	35	Deciduous tree
13	Peltophorum pterocarpum	copper pod	30	evergreen tree
14	Neolamarckia cadamba	Kadamb	35	evergreen tree
15	Polyalthia longifolia	Ashok	25	evergreen tree
16	Samania saman	rain tree	50	evergreen tree
17	Acrus sapota variety	Chickoo	30	Fruit bearing evergreen tree
18	Cassia Fistula	Bhava	35	Cassia fistula the golden shower tree is a medium-size tree, full yellow flowers during summer season, Grows in less soil & growing to 10-20 m tall with fast growth, larval host for butterflies.
19	Nyctanthes arbortristic	Parijatak	20	Parijatak is a shrub or small flowering tree growing to 10 M tall
20	Michelia champaca	Sonchafa	20	Michelia champaca is a large evergreen and fragrant flower tree
21	Pongamia glabra	Karanj	20	Pongamia pinnata is a legume tree that grows to about 15-25 M in height with a large canopy which spreads equally wide.
22	Millingtonia tree	Buch	35	The tree grows to height of between 18 and 25 m and has a spread of 7 to 11 m. It reaches maturity between 6 and 8 years of age and lives for up to 40 years. It is a versatile tree which can grow in various soil types and climates with a preference for moist climates; the tree is evergreen and has an elongated pyramidal stem.
23	Bauhinia racemosa	Aapta	30	It is a small crooked tree with drooping branches that grows 3-5 m (10-16 FT) tall and flowers between February and May. The leaves are used in the production of beedi, a thin Indian cigarette
45.Total quantity of plants on ground				

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

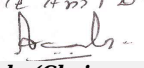
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

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Name: K. Anil Kale
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100kVA
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	Phase 1 - 3058 Phase 2 -4397
	During Operation phase (Demand load):	Phase 1 - 1424 Phase 2 -2159
	Transformer:	Phase 1 - 2 X 630 kVA Phase 2 - 4X 630 kVA
	DG set as Power back-up during operation phase:	Phase 1 - 1 X 200 Phase 2 -11 X 82.5
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches will be provided for Street lights, Garden lights, Parking & staircase Lights & other common area Lights, for saving electrical energy.
- Water level controllers with timers will be used for Water pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED lights

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Energy (PV Panels)	0.50%
2	Auto. Timer Logic Controller	6.10 %
3	Electronic VVF drive for Lifts	1.49 %
4	Solar Water heater	13.48 %

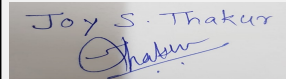
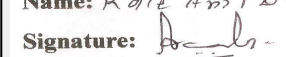
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Emission	DG sets with stack	DG sets with stack
MSW	Sent to PMC	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	845.29lacs
	O & M cost:	19.88lacs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 5, 2019	Page 34 of 116	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	AIR ENVIRONMENT	WATER FOR DUST SUPPRESSION Air & Noise monitoring	1.68
2	WATER ENVIRONMENT	Tanker water for construction water monitoring	3.0
3	LAND ENVIRONMENT	SITE SANITATION	6.0
4	BIOLOGICAL ENVIRONMENT	Landscaping	5
5	SOCIO- ECONOMIC ENVIRONMENT	DISINFECTION- PEST CONTROL first aid facilities HEALTH CHECK UP Creches for children Personal protective equipment	7.75

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	Treatment of Sewage	35.0	14.0
2	Rain Water Harvesting	pits	21	0.42
3	Solid Waste Management	OWC	36.50	8.54
4	Green Belt Development	Landscaping	50.15	7.75
5	Electrical	Energy saving	845.29	19.88
6	Environmental Monitoring	Environmental Monitoring	out side lab	10.20

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

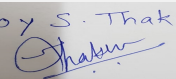
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

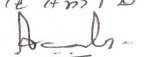
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	15m wide DP road
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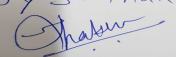
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Name: K. Anil D.
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	6 basement having 5581.41
	Number and area of podia:	NA
	Total Parking area:	35,523.78
	Area per car:	30
	Area per car:	30
	Number of 2-Wheelers as approved by competent authority:	Existing - 1,048 Proposed - 1,018
	Number of 4-Wheelers as approved by competent authority:	Existing - 523 Proposed - 509
	Public Transport:	VIA BUS
	Width of all Internal roads (m):	6M
	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(b)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

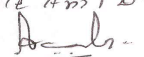
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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 Signature: 

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 54000 m², FSI area of 70,818.59 m², Non FSI area of 64,046.72 m² and total BUA of 134865.30 m².

PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. The PP informed that the total constructed area on site is: 66372.4 m². In 84th meeting of SEAC-3, PP was issued ToR for preparation of EIA/EMP. The PP has submitted EIA report accordingly.

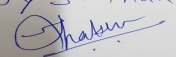
DECISION OF SEAC

The Committee noted that PP has not proposed adequate environmental infrastructure for the buildings constructed for the building constructed after 14.09.2006.

The Committee directed PP to revise the EIA report incorporating provision of adequate environmental infrastructure for the buildings constructed for the building constructed after 14.09.2006.

The proposal was deferred till PP submits the revised EIA report.

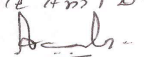
Specific Conditions by SEAC:

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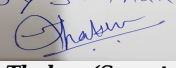
Name: K. Anil D.
 Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**

FINAL RECOMMENDATION

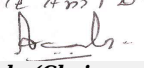
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-0000000351

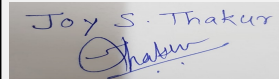
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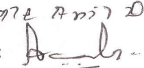
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Environment Clearance for proposed residential project	
Is a Violation Case: No	
1.Name of Project	Residential Project- 'Sanskriti Even'
2.Type of institution	Private
3.Name of Project Proponent	M/s. Shilp Properties
4.Name of Consultant	Sneha HiTech Products
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	EC was obtained on 09.12.2016 vide letter no.SEAC-III-2014/CR-293/TC-3 but construction activity is not carried out on site.
8.Location of the project	Gat No 884
9.Taluka	Haveli
10.Village	Wagholi
Correspondence Name:	Mr. Kantilal Mavji Patel
Room Number:	-
Floor:	-
Building Name:	Plot no. 125
Road/Street Name:	Lane No. 4
Locality:	Dahanukar Colony, Kothrud
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Metropolitan Region Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Plan is yet to approved IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	19,000 m2
16.Deductions	2,985 m2
17.Net Plot area	16,015m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 24,223.96 m2 b) Non FSI area (sq. m.): 17,504.62 m2 c) Total BUA area (sq. m.): 41728.58
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval: 31-12-2020
19.Total ground coverage (m2)	6327.85 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.18%
21.Estimated cost of the project	1050000000
22.Number of buildings & its configuration	


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Name: K. Anil D.
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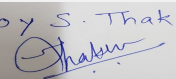
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A	Parking + part residential/part podium parking + UP 11 Floors	38.80 m
2	Building B	Parking + part residential/part podium parking + UP 11 Floors	38.80 m
3	Building C	Parking + part residential/part podium parking + UP 11 Floors	38.80 m
4	Building D	Parking + part residential/part podium parking + UP 11 Floors	38.80 m
5	Building E	Parking + part residential/part podium parking + UP 11 Floors	38.80 m

23.Number of tenants and shops	Tenements: 455 nos.
24.Number of expected residents / users	Residential users: 2275 nos.
25.Tenant density per hectare	239 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))	30 m & 24 m Wide DP 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)	No , The project does not involve any demolition work

31.Production Details

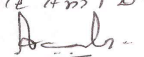
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

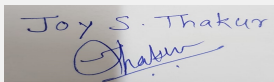
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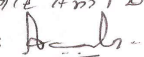
Name: K. Anil D.
 Signature: 
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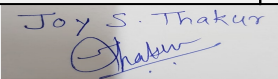
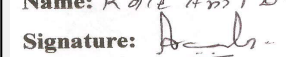
Dry season:	Source of water	Municipal Corporation/ Recycled								
	Fresh water (CMD):	205								
	Recycled water - Flushing (CMD):	103								
	Recycled water - Gardening (CMD):	12								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	320								
	Fire fighting - Underground water tank(CMD):	375 m3								
	Fire fighting - Overhead water tank(CMD):	20 m3 each bldg.								
	Excess treated water	149								
Wet season:	Source of water	Municipal Corporation/ Recycled								
	Fresh water (CMD):	205								
	Recycled water - Flushing (CMD):	103								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	308								
	Fire fighting - Underground water tank(CMD):	375 m3								
	Fire fighting - Overhead water tank(CMD):	20 m3 each bldg.								
	Excess treated water	161								
Details of Swimming pool (If any)		NA								
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	


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Name: K. Anil Kale
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 20.33 m. to 25.00 m. BGL. (22.67 M. Average) Rainy Season - 6.33 m. to 10.00 BGL. (8.17 M. Average) Winter Season - 13.00 m. to 17.00 m. BGL. (15.00 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	8 nos.
	Size of recharge pits :	2.50 M. X 2.50 M. X 1.75 M. via 2 no. of 0.9 m. dia. 1 m. deep De - siltation pit
	Budgetary allocation (Capital cost) :	Rs.14 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2 Lakhs/year
	Details of UGT tanks if any :	Domestic & Flushing: 310 m3 Firefighting: 104 m3
35.Storm water drainage	Natural water drainage pattern:	North to south
	Quantity of storm water:	124.74 m3/day
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	276 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP of 295 m3/day
	Location & area of the STP:	Location: On ground Area: 200 m2
	Budgetary allocation (Capital cost):	Rs. 83 Lakhs
	Budgetary allocation (O & M cost):	Rs. 16 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste will be generated from the building, mainly comprising of waste concrete, excavated soil, broken bricks, waste plaster, metallic scrap etc. Debris chute will be used to channelize the waste from the building to the point of pick up on ground.
	Disposal of the construction waste debris:	Construction debris will be used for base preparation of road and for site leveling.
Waste generation in the operation Phase:	Dry waste:	455 kg/day
	Wet waste:	683 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	20 kg/ day
	Others if any:	E-Waste: 1138 kg/year
 Joy S.Thakur (Secretary SEAC-III) SEAC Meeting No: 97 Meeting Date: November 5, 2019 Page 42 of 116 Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)		

Mode of Disposal of waste:	Dry waste:	Handed over to Swachh agency for further handling & disposal purpose
	Wet waste:	Converted to compost through Organic Waste Converter.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure for gardening
	Others if any:	-
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	25 m ²
	Area for machinery:	47 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20.75 Lakhs
	O & M cost:	Rs. 4.23 Lakhs/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 sent to the CETP:		Not applicable			
Membership of CETP (if required):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

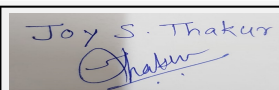
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

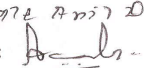
40. Details of Fuel to be used

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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Name: K. Anil D.
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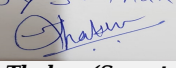
43.Green Belt Development	Total RG area :	1900 m2
	No of trees to be cut :	0
	Number of trees to be planted :	202
	List of proposed native trees :	All native trees proposed which are listed below
	Timeline for completion of plantation :	Before completion of project

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	Albizia lebbeck	Shirish	5	Shady tree, yellowish green fragrant flowers
2	Azadiracta indica	Neem	15	Evergreen tree, fast growing
3	Saraca asoka	Sita Ashok	10	Shady tree with red-yellow flowers
4	Anthocephallus cadamba	Kadamb	10	Shady, large tree, ball shaped flowers.
5	Lagerstroemia flos-regineae	Tamhan	10	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers
6	Murraya paniculata	Kunti	5	Small tree, Fragrant white flowers, Butterfly host plant
7	Manilkara zapota	Chiku	10	Medium size , fruit bearing tree
8	Mangifera indica	Mango	10	Tall, fruit bearing tree
9	Syzygium cumini	Jambhul	10	Dense ornamental, fruit bearing tree
10	Psidium guajava	Peru	10	Medium size , fruit bearing tree
11	Ficus retusa	Nandruk	10	Medium sized evergreen tree, Shady tree.
12	Michelia champaca	Son chafa	15	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Terminalia catapa	Badaam	10	drought tolerant
14	Terminalia arjuna	Arjuna	10	Large evergreen tree
15	Lagerstromia Lanceolata	Crape-myrtle	8	Medium deciduous tree. Flowers attract many birds.
16	Dalbergia latifolia	Shisham, Indian Rosewood	5	Drought tolerant
17	Terminalia paniculata	Kindal	5	Drought tolerant
18	Tabebuia avellanedae	Tabebuia Pink	8	Large deciduous tree. Pink flowering
19	Tabebuia argentea	Tabebuia Yellow	8	Deciduous tree, ornamental, yellow flowers
20	Swietenia mahagoni	Mahagony	10	Large evergreen tree
21	Plumeria alba	chafa	8	Fragrant white-yellow flowers

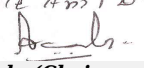
45.Total quantity of plants on ground

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

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Name: K. Anil D.
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Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75KW
	DG set as Power back-up during construction phase	1 x 100 KVA
	During Operation phase (Connected load):	1769 KW
	During Operation phase (Demand load):	1514 KW
	Transformer:	2 x 630 KVA & 1 x 315 KVA
	DG set as Power back-up during operation phase:	1 x 200 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Auto Timer control for external & Common lighting
- Use of LED lamps in all public/ common areas
- Solar powered water heating
- Electronic V3F Drives for Elevators
- Solar PV Panel power for common area lighting

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	SOLAR ENERGY - Outdoor Lighting / Street Lights	27000 KWH/Annum
2	Auto Timer Logic Controller	31536 KWH/Annum
3	Electronic V3F drive for Lifts	28590.45 KWH/Annum
4	Solar Water heater	475020 KWH/Annum

50. Details of pollution control Systems

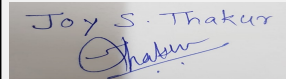
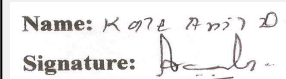
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):

Capital cost:	Rs. 63.36 Lakhs
O & M cost:	Rs. 2.37 Lakhs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 5, 2019	Page 45 of 116	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water For Dust Suppression	Sprinklers system	1.5
2	Site Sanitation, Disinfection & Safety	Mobile toilets, fumigation, Personal protective equipments	2.5
3	Environmental Monitoring	Air, noise, water & soil	2
4	Health Check Up	Hospital	2
5	Environment Management cell	Formation of cell	8.4

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	To harvest the rain water	14	2
2	Sewage Treatment Plant	To treat sewage	83	16
3	Organic Waste Composter	To compost the wet waste	20.75	4.23
4	Tree plantation	To developed the green area	19.5	4.4
5	Energy Conservation	Solar water heating Systems & energy efficient measures	63.36	2.37
6	Environment Management Cell	Formation of cell to comply environmental conditions	-	7.8
7	Environment Monitoring	Air, noise, water & soil	-	3

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

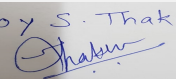
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

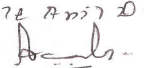
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Site entry & exist is connected to 12 m Wide approach road
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 Joy S. Thakur (Secretary SEAC-III)

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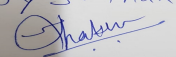
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Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	Part Podium
	Total Parking area:	10, 959.96 m2
	Area per car:	25 m2
	Area per car:	25 m2
	Number of 2-Wheelers as approved by competent authority:	Required Scooters: 714 nos. Proposed Scooters: 956 nos.
	Number of 4-Wheelers as approved by competent authority:	Required Cars: 357 nos. Proposed Cars: 437 nos
	Public Transport:	NA
	Width of all Internal roads (m):	7.5 to 8.2 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), B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

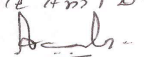
Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.

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Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 19500 m², FSI area of 24223.96 m², Non FSI area of 17504.62 m² and total BUA of 41728.58 m².

The building configuration of the proposal is as below:

Building A (Height-38.80 m) : P + Parking (Part) /Residential (Part) 1st Floor+ 11 floors

Building B (Height-38.80 m) : P + Parking (Part) /Residential (Part) 1st Floor+ 11 floors

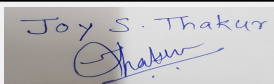
Building C (Height-38.80 m) : P + Parking (Part) /Residential (Part) 1st Floor+ 11 floors

Building A (Height-38.80 m) : P + Parking (Part) /Residential (Part) 1st Floor+ 11 floors

Building A (Height-38.80 m) : P + Parking (Part) /Residential (Part) 1st Floor+ 11 floors

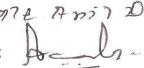
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


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Name: K. Anil D.
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**Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

1. PP to submit plantation plan incorporating local native fruit bearing trees.

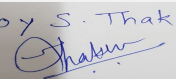
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

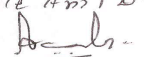
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000351

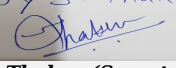
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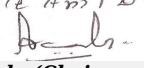
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Proposed Mixed Used Development	
Is a Violation Case: No	
1.Name of Project	Proposed Mixed Used Development by Pinni-4 Co-op Housing Society ltd.& Sharad -1 Co - op Housing Society ltd. through Oxford Shelters Pvt.Ltd. & Hritik Technologies & Realty Pvt.Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Prakash Bhojgude
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory) (NABET Accreditation - NABET/EIA/1720/RA0094)
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	Not applicable
8.Location of the project	S.No.9 to 14, Hissa No.1/33 & 1/34, Village - Mundhawa, Taluka- Pune City, District-Pune.
9.Taluka	Pune
10.Village	Mundhwa
Correspondence Name:	Mr. Prakash Bhojgude (Chief engineer)
Room Number:	Office No. 204
Floor:	1st
Building Name:	Kensington Court
Road/Street Name:	Lane no.5, North Main Road,
Locality:	Koregaon Park, Pune
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: CC/0278/19 dated.14.05.2019 Approved Built-up Area: 72892.05
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	15800.00
16.Deductions	2693.34
17.Net Plot area	13106.66
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 36036.83 b) Non FSI area (sq. m.): 36855.22 c) Total BUA area (sq. m.): 72892.05
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 36036.83 Approved Non FSI area (sq. m.): 36855.22 Date of Approval: 14-05-2019
19.Total ground coverage (m2)	3741.91
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.54%
21.Estimated cost of the project	2160000000
22.Number of buildings & its configuration	

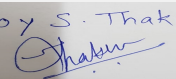
Joy S. Thakur

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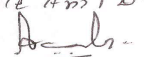
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Tower 1	B1+B2+B3 + GP +21	66.65	
2	Tower 2	B1+B2+B3 + GP +21	66.65	
3	LIG Building	P+6	20.25	
4	Commercial	B1+B2+B3 +11	46.75	
23.Number of tenants and shops		Total tenements - 651 Nos. Residential- 621 Nos. LIG Building - 30 Nos. Commercial Units-46 Nos.		
24.Number of expected residents / users		Residential: 2493 Nos. LIG Building - 120 Nos & Commercial: 1275 Nos. Total Population - 3888 Nos		
25.Tenant density per hectare		250 tenant/hector		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		24.00 M wide.		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00m		
29.Existing structure (s) if any		Not Applicable		
30.Details of the demolition with disposal (If applicable)		Not 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				

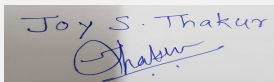
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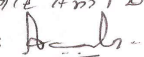
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pune Municipal Corporation		
	Fresh water (CMD):	271		
	Recycled water - Flushing (CMD):	142		
	Recycled water - Gardening (CMD):	14		
	Swimming pool make up (Cum):	0.78 (Makeup water)		
	Total Water Requirement (CMD) :	427		
	Fire fighting - Underground water tank(CMD):	500		
	Fire fighting - Overhead water tank(CMD):	70		
	Excess treated water	237		
Wet season:	Source of water	Pune Municipal Corporation		
	Fresh water (CMD):	271		
	Recycled water - Flushing (CMD):	142		
	Recycled water - Gardening (CMD):	-		
	Swimming pool make up (Cum):	0.78 (Makeup water)		
	Total Water Requirement (CMD) :	413		
	Fire fighting - Underground water tank(CMD):	500		
	Fire fighting - Overhead water tank(CMD):	70		
	Excess treated water	251		
Details of Swimming pool (If any)	Dimension of Swimming Pool: 16.38m L x 6.0m W Main Pool Depth: 1.20 M Pool Shape : Hexagon Total water Requirement in KLD: 95.00 KLD. Water requirement for make up in KLD: 0.78 KLD. Details of Plant & Machinery used for treatment of Swimming pool water: High Rate sand Filter , HP Pump Details of quality to be achieved for swimming pool water and parameters to be monitored: pH - 7.2 - 7.6 ; Super-chlorination - at least 3.0/5.0 ppm (mg/1) Total alkalinity - 80 120 ppm , Calcium Hardness - 200 ppm Minimum, Total Dissolved Solids- less than 1500 ppm (mg/1) for pools Budgetary allocation (Capital cost): 30.0 Lacs (O&M cost): 1.80 Lacs/Annum			
33.Details of Total water consumed				
Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)	


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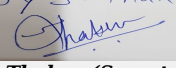
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre Monsoon – 12M to 15M. Post Monsoon- 5M to 6M
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	4 Nos.
	Size of recharge pits :	2.0mtX1.0mtX2.0mt
	Budgetary allocation (Capital cost) :	4.0 Lacs
	Budgetary allocation (O & M cost) :	0.8 Lacs/Annum
	Details of UGT tanks if any :	Residential: Domestic UG tank Capacity: 340CMD Flushing UG tank Capacity:115.00CMD Fire UG tank Capacity: 300 CMD Commercial: Domestic UG tank Capacity: 55 CMD Flushing UG tank Capacity: 25.00 CMD Fire UG tank Capacity: 200 CMD LIG Building : Domestic UG tank Capacity: 17CMD Flushing UG tank Capacity: 6.00 CMD Fire UG tank Capacity: NA

35.Storm water drainage	Natural water drainage pattern:	North to South Direction as per Contour slope
	Quantity of storm water:	Before construction - 21.06 m3/day After Construction-22.92 m3/day
	Size of SWD:	600 mm

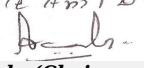
Sewage and Waste water	Sewage generation in KLD:	Residential & LIG Building : 336 Commercial : 58 Total : 394 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 Nos. Residential & LIG Building : 336 KLD Commercial : 58 Total : 394 KLD
	Location & area of the STP:	On Ground area - Residential & LIG Building Area - 202 .5 sq.mt. Commercial : Area - 63 sq.mt. Total -265.5 sq.mt
	Budgetary allocation (Capital cost):	40.00 Lakhs
	Budgetary allocation (O & M cost):	8.00 Lakhs /Annum

36.Solid waste Management

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Waste generation in the Pre Construction and Construction phase:	Waste generation:	30-40 kg/day
	Disposal of the construction waste debris:	Top soil to be preserved & remaining will be used for back filling/Shifting to Adjoining our Project.
Waste generation in the operation Phase:	Dry waste:	736 kg/day
	Wet waste:	961 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	30 kg/day
	Others if any:	E waste - 2582 kg/year (7.05 Kg /day)
Mode of Disposal of waste:	Dry waste:	Will be handed over to SWACH
	Wet waste:	Will be treated in OWC
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be used as Manure
	Others if any:	E-waste will be handed over to authorized recyclers (SWaCH)
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	For Residential - 35.00 Sq.mt. for Commercial - 8.00 Sq.mt. Total - 43 Sq.mt.
	Area for machinery:	For Residential - 35.00 Sq.mt. for Commercial - 24.00 Sq.mt. Total - 59 Sq.mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	37.0 Lakhs
	O & M cost:	7.90 Lakhs/Annum

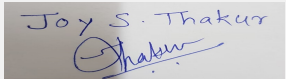
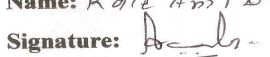
37.Effluent Charecterestics

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

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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 : 1541.96 Sq.mt.

No of trees to be cut : Not Applicable

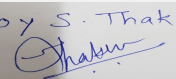
Number of trees to be planted : 166 Nos.

List of proposed native trees : 17 Nos. Listed Below

Timeline for completion of plantation : 6 Months

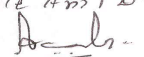
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhenia purpurea	Kanchan purple	13	It is an excellent pioneer with its ease of establishment, rapid growth and hardiness. Roots, bark and flowers have medicinal values
2	Cassia fistula	Bahawa	10	It is an excellent fuel wood and yields excellent charcoal. Also used in the treatment of cancer, constipation, diarrhea
3	Spathodea campanulata	Pichkari	11	Bark, flowers and leaves used in traditional medicine. Wood used in fire resistant buildings
4	Erythrina indica	Pangara	20	They fix atmospheric nitrogen, have nutrient-rich leaves that make an excellent soil-enriching mulch. Leaves and bark used as cures, seeds have narcotic properties
5	Lagerstroemia speciosa	Jarul	06	The tree has a dense and wide spreading root system, which has made it useful in plantings for erosion control. Bark wood is usable for construction work, panelling etc.

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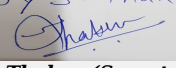
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6	Peltophorum pterocarpum	Yellow gulmohar	09	A fast-growing tree that fixes atmospheric nitrogen, it has potential use for reforestation and is used as a source of green manure. It has dense, spreading crown that provides shade
7	Bauhenia blakeana	Kanchan pink	13	It is an excellent pioneer with its ease of establishment, rapid growth and hardiness. Roots, bark and flowers have medicinal values
8	Michelia champaca	Son chapha	18	Soil under tree cover shows an increase in pH, soil organic carbon and available phosphorus.
9	Terminalia katappa	Wild badam	04	The trees vast root system binds together both sands and poor soils. It has a heavy leaf fall and so is a good provider of mulch for the protection of the soil.
10	Swietenia mahogany	Mahogany	05	Planted along boundaries for deep shade. The wood is durable
11	Plumeria alba	White chapha	05	Drought tolerant. Root skin and flower buds have medicinal values
12	Plumeria rubra	Red chapha	05	Drought tolerant. Root skin and flower buds have medicinal values
13	Millingtonia hortensis	Akashneem	22	Evergreen with fragrant flowers. Due to its shallow root system, it is good soil binder
14	Pongamia pinnata	Karanj	07	The plants develop a lateral network of roots for controlling soil erosion.
15	Albizia lebbeck	Shishir	06	A fast-growing tree that fixes atmospheric nitrogen. Due to its shallow root system, it is good soil binder
16	Azadirachta indica	Neem	05	Beneficial to save environment from pollution. Keeps the oxygen level in atmosphere balanced
17	Artocarpus altilis	Breadfruit	07	Shade giving evergreen tree
18	Total Proposed Trees	-	166 Nos.	-
45.Total quantity of plants on ground				

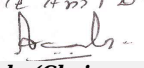
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Crinum asiaticum	-	-
2	Heliconia psittacorum	-	-
3	Heliconia rostrata	-	-
4	Alpenia purpurea	-	-
5	Alpenia zerumbet	-	-
6	Hydechium coronarium	-	-
7	Tabernamontana coronaria	-	-
8	Nerium oleander	-	-
9	Ixora singaporensis	-	-
10	Allamanda nerifolia dwarf	-	-

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11	Stachytarphata indica	-	-
12	Jasminumsambac "madhubani"	-	-
13	Jasminumsambac "baramasi"	-	-
14	Pampas red	-	-
15	Hibiscus rosa-sinensis	-	-
16	Chrysalidocarpus lutescens	-	-
17	Bambusa vulgaris	-	-
18	Rhapis excelsa	-	-
19	Hamelia patens dwarf	-	-
20	Tabernamontana variegated dwarf	-	-
21	Plumbago capensis	-	-
22	Dracena mahatma	-	-
23	Gardenia jasminoides	-	-
24	Mussaenda erythrophylla	-	-

47. Energy

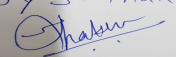
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	20 kW
	DG set as Power back-up during construction phase	30 kVA
	During Operation phase (Connected load):	2965.87 kW
	During Operation phase (Demand load):	1506.22 kW
	Transformer:	630 kVA - 3 Nos.
	DG set as Power back-up during operation phase:	400 kVA, 200 kVA & 20 kVA - 1 nos.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

- Use of LED lamps & fittings for all common areas (Common areas, Roads, Passage, etc.)
- Solar Water Heater in Bathroom.
- Energy efficient appliances.
- Installing programmable on/off timers for External / Street Lighting.
- Solar POV Cells on each building for Common Area Lighting

49. Detail calculations & % of saving:

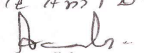
Serial Number	Energy Conservation Measures	Saving %
1	Solar Energy - Outdoor lightning/ street light	9.24 kWh (0.3%)

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2	Common Area LED Lights	76.3 kWH (2%)
3	Solar PV Cells	24.46 kWH (3.8%)
4	Solar Water heater	995.23 kWH (93.5%)
5	Total energy saving shall be achieved up-to	8.12% (Saving Again Total Demand Value)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set	-	400, 200 & 20 kVA - 1 Nos.
STP	-	Total 2Nos. - 336 KLD 1 No. & 58 KLD 1 No.
OWC	-	2 Nos.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	51.32 Lakhs
	O & M cost:	0.75 lakhs/ annum

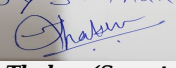
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air & Noise Environment	Water For Dust Suppression & Tree Plantation	5.0
2	Air & Noise Environment	Air & Noise monitoring	2.0
3	Water Environment	Tanker water for construction & worker	6.40
4	Water Environment	Water monitoring	0.05
5	Land Environment	Labour toilets 10 Nos. Cleaning 12,000 Rs./month	1.4
6	Biological Environment	Gardening & Excavation	3.3
7	Socio Environment	Disinfection at site	0.7
8	Socio Environment	Safety, First Aid, Health Hygiene Facilities	6.0
9	Socio Environment	Health Check Up	1.3
10	Socio Environment	Creches for children	2.2
11	Socio Environment	Personal Protective Equipment CFL lamps for labor hutments	2.0
12	Total	-	30.35

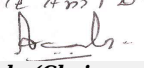
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2Nos. Residential - 336 KLD Commercial - 58 KLD	40	8.00
2	Rain Water Harvesting	4 Pits	4.00	0.8
3	Storm water & drainage line	Drainage line	0.75	-

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4	Basement Dewatering for Residential & Commercial	Dewatering	3.00	0.25
5	Environmental Monitoring	As per MoEF guidelines	-	2.00
6	Gardening	Plantation of native Plants	16.83	3.03
7	Solid waste	2 Nos.	37.0	7.90
8	Energy	Energy Saving measures	51.32	0.75
9	Swimming pool	1 No.	30	1.80
10	Total	-	182.9	24.53

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

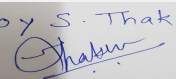
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

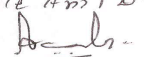
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on 24m wide abutting road
Parking details:	Number and area of basement:	For Residential 3 Nos. of basement area - 15548.43 sq mt. For Commercial - 3 Nos. of Basement area - 3417.14 sq mt.
	Number and area of podia:	Not Applicable
	Total Parking area:	For Residential - 18888.18 sq mt , Commercial - 3417.14 sq mt
	Area per car:	Stilt/ground floor - 30 sq mt Basement - 35 sq mt Open parking - 25 sq mt per car
	Area per car:	Stilt/ground floor - 30 sq mt Basement - 35 sq mt Open parking - 25 sq mt per car
	Number of 2-Wheelers as approved by competent authority:	For Residential & LIG Building - 1409 Nos. For Commercial - 442 Nos. Total - 1851 Nos.
	Number of 4-Wheelers as approved by competent authority:	For Residential & LIG Building - 432 Nos. For Commercial - 166 Nos. Total - 598 Nos.
	Public Transport:	Bus
	Width of all Internal roads (m):	15

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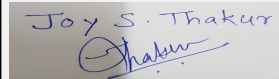
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	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8a(B2)
	Court cases pending if any	Not Applicable
	Other Relevant Informations	It is new project for residential & commercial
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

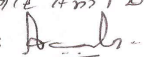
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC


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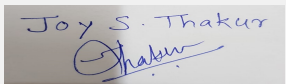
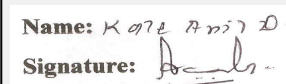
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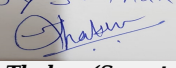
Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

PP remained absent . The proposal was deferred.
DECISION OF SEAC
PP remained absent . The proposal was deferred.
Specific Conditions by SEAC:
FINAL RECOMMENDATION
Kindly find SEIAA decision above.

SEAC-AGENDA-0000000351

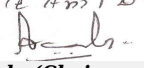
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 5, 2019	Page 61 of 116	Name: Kale Anil D.  Shri. Anil Kale (Chairman SEAC-III)
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Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Proposed Residential & Commercial project at S. no. 72 (P) , Wakad, Pune by Mr. Shankar Tukaram Wakadkar & Panduranag Tukaram Wakadkar	
Is a Violation Case: No	
1.Name of Project	Proposed Residential & Commercial project at S. no. 72 (P) , Wakad, Pune by Mr. Shankar Tukaram Wakadkar & Panduranag Tukaram Wakadkar
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shankar Tukaram Wakadkar & Panduranag Tukaram Wakadkar
4.Name of Consultant	Ms. Sayali Jagtap-Approved EIA Coordinator
5.Type of project	Residential & Commercial project.
6.New project/expansion in existing project/modernization/diversification in existing project	NEW
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	S. no. 72 (P) , Wakad, Pune
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr. Shankar Nimbalkar
Room Number:	309
Floor:	-
Building Name:	S.NO.143/5,ABOVE VIJYA BANK,OPP,LAKSHDEEP PALACE,
Road/Street Name:	PIMPLE SAUDAGAR
Locality:	PIMPLE SAUDAGAR
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: BP/EC/Wakad/17/2019 dated 25.11.2019 Approved Built-up Area: 42383.82
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11439.52 sq. m
16.Deductions	3509.5 sq. m
17.Net Plot area	7930.02 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 19126.72 sq. m b) Non FSI area (sq. m.): 23257.10 sq. m c) Total BUA area (sq. m.): 42383.82
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19126.72 sq. m Approved Non FSI area (sq. m.): 23257.10 sq. m Date of Approval: 25-11-2019
19.Total ground coverage (m2)	2121.20 sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24.34 %
21.Estimated cost of the project	901785370
22.Number of buildings & its configuration	

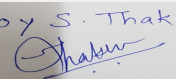
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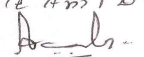
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A(Commercial)	LB+UB+G+09 floors	36 m	
2	Building B	2 P +12 floors	34.80 m	
3	Building C	2 P +12 floors	34.80 m	
4	Building D	2 P +12 floors	34.80 m	
5	Club house	G + 1	6.55 m	
23.Number of tenants and shops	Residential : 187 no's of flats Commercial building.			
24.Number of expected residents / users	Residential : 935 persons, Commercial floating population : 1378 persons			
25.Tenant density per hectare	359 / 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))	24 m & 18 m wide DP road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m			
29.Existing structure (s) if any	Labour camps			
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				

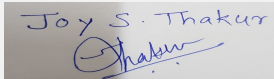
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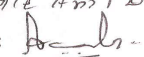
Name: K. Anil D.
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	111.71							
	Recycled water - Flushing (CMD):	76.53							
	Recycled water - Gardening (CMD):	12.97							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	201.21							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20 for each Bldg							
	Excess treated water	62.97							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	111.71							
	Recycled water - Flushing (CMD):	76.53							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	188.24							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20 for each Bldg							
	Excess treated water	75.94							
Details of Swimming pool (If any)		No							
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

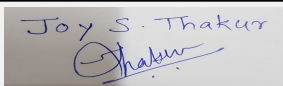

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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4.40 to 10.40 BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	06
	Size of recharge pits :	2 m x 2 m 2 m
	Budgetary allocation (Capital cost) :	Rs. 3,75,000 /-
	Budgetary allocation (O & M cost) :	Rs. 30,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 184.80 KLD Flushing tank Capacity(cum) : 94.13 KLD Fire UG tank Capacity (cum) : 300 KLD
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	6.63 m ³ / min
	Size of SWD:	450 mm dia
Sewage and Waste water	Sewage generation in KLD:	169.41KLD
	STP technology:	MBBR technology
	Capacity of STP (CMD):	170 KLD
	Location & area of the STP:	Area : 150 sq. m
	Budgetary allocation (Capital cost):	Rs. 16,50,000 /-
	Budgetary allocation (O & M cost):	Rs. 2,28,000 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg.day
	Disposal of the construction waste debris:	Will be used within site premises.
Waste generation in the operation Phase:	Dry waste:	352.36 kg/day
	Wet waste:	390.74 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	14.23 kg/day
	Others if any:	E-waste : 5.1 kg/day


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Mode of Disposal of waste:	Dry waste:	To authorized vendor
	Wet waste:	Treatment of OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E-waste - will be handed over to authorized vendor
Area requirement:	Location(s):	Shown in plan
	Area for the storage of waste & other material:	50 sq. m
	Area for machinery:	Considered in above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 13,14,880 /-
	O & M cost:	Rs. 2,20,320 /-

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 sent 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

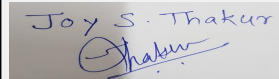
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

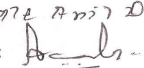
40. Details of Fuel to be used

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 required (10 %) : 881.26 sq. m
	No of trees to be cut :	0
	Number of trees to be planted :	112
	List of proposed native trees :	Provided below
	Timeline for completion of plantation :	Up to completion of project

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

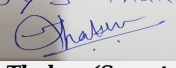
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	19	A medium to large size hardy tree that stand in drought conditions. Attain a much larger size in dry regions.
2	Spathodia campanulata	Pitchkari	08	A handsome large deciduous flowering tree. Good for roadside plantation.
3	Lagerstromia flos-regineae	Taman	03	State flower tree of Maharashtra Medium sized tree with purple flowers, grows well in both dry and humid area
4	Jacaranda mimosifolia	Jacaranda	01	Medium size gracious deciduous, flowering tree which prefers moderate climate.
5	Putranjiva roxburghii	Putranjiva	03	Shady tree with red-yellow flowers.
6	Khaya senghalis	Khaya	19	Large road side tree
7	Cassia fistula	Bahawa	04	Small deciduous tree. Excellent flowering tree for arid regions.
8	Bombax ceiba	Katesaver	03	Large deciduous tree. Flowers attract many birds.
9	Butea monosperma	Palas	04	Small Deciduous. Good for roadside plantation.
10	Caryota urens (potted)	Fishtail palm	10	Tall evergreen tree
11	Albizia lebbeck	Shirish	15	Shady, large tree, ball shaped flowers
12	Menikara zapota	Chiku	06	Fruit tree
13	Plumeria alba	Champa	10	Ornamental flowering tree
14	Psidium guajava	Guava	09	Fruit tree

45.Total quantity of plants on ground

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

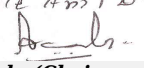
Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	2431.03 KW
	During Operation phase (Demand load):	1424.72 KW
	Transformer:	3 x 630 KVA
	DG set as Power back-up during operation phase:	160 KVA & 82.5 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

1. As per MSEDCL requirements, we planned to use high efficiency Transformer & to reduce losses. Losses for Transformer will be as per IS standards & ECBC norms.
2. We are planning to keep power factor of the common load installation near unity.
3. Following are the Energy efficient fixtures should be used in our project for energy conservation :-
 - 3.1 Energy efficient LED fixtures are proposed for bracket lights provided of all buildings.
 - 3.2 LED lighting fixtures are proposed for general lighting for common passages, staircase & terrace area.
 - 3.3 The estimated saving in common area lighting consumption is up to 14.60 % due to adopting above measures.
4. Solar Heating System is being proposed for Hot water to be used in Toilets of each apartment.
5. V3F drive motors should be used for lifts, which saves 30% energy consumption

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED fixtures + Solar hot water + solar PV	14.60 %

50. Details of pollution control Systems

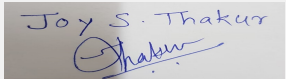
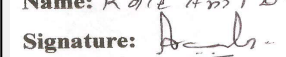
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 62,38,388
	O & M cost:	Rs. 1,27,220 /-

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	Erosion control - dust suppression measures and barricading	Rs. 1,06,000 /-
2	Land	Site Sanitation	Rs. 26,500 /-

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3	Health & safety	Site Safety	Rs.88,000 /-
4	Environment management	Environmental Monitoring	Rs. 1,20,000/-
5	Health & safety	Disinfection and Health Check-ups	Rs. 45,000 /-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	Rs. 16,50,000 /-	Rs. 2,28,000 /-
2	Rain Water Harvesting	04 pits	Rs. 3,75,000 /-	Rs. 30,000 /-
3	Solid Waste Management	1 OWC	Rs. 13,14,880 /-	Rs. 2,20,320 /-
4	Green Belt Development	158 trees	Rs. 17,62,400 /-	Rs. 95,160 /-
5	Energy details	LED fixtures +Solar hot water & PV	Rs. 62,38,388 /-	Rs. 1,27,220 /-
6	Environmental Monitoring	Environment management	-	Rs. 8,90,000 /-

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

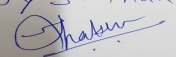
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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

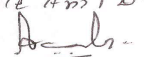
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	24 m & 18 m wide DP road
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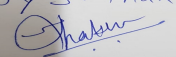
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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	Yes
	Number and area of podia:	Yes
	Total Parking area:	6400.1 sq. m as per DC rule
	Area per car:	12.5 sq. m as per DC rule
	Area per car:	12.5 sq. m as per DC rule
	Number of 2-Wheelers as approved by competent authority:	Scooter- 842 , Cycles - 544
	Number of 4-Wheelers as approved by competent authority:	249
	Public Transport:	Pune city buses
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

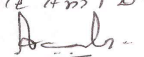
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Name: K. Anil D.
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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 11439.52 m², FSI area of 19126.72 m², Non FSI area of 23257.10 m² and total BUA of 42383.82 m².

The building configuration of the proposal is as below:

Building A (Commercial) (Height-36 m) : LB+UPB+G+098 floors

Building B (Height-34.80 m) : 2P + 12 floors

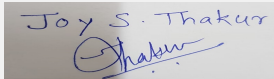
Building C (Height-34.80 m) : 2P + 12 floors

Building D (Height-34.80 m) : 2P + 12 floors

Club House (Height- 6.55 m) : G+1

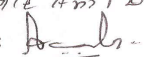
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


Joy S. Thakur (Secretary
SEAC-III)

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During discussion following points emerged:

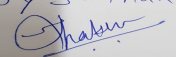
1. In CER, PP has proposed cost of solar street light as Rs. 30,000/- which is too high. PP to revise the same.
2. Fire tender drive way at ground level shall be revised with an additional length to complete the entire area of building all around. Fire tender drive way at podium level shall also be revised to have full circulation at high level with minimum 6 m width.
3. PP to submit revised parking layout plan for 2 basements as well as for ground floor.
4. PP to submit basement approval pan.
5. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.
6. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
7. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.
8. PP to relocate OWC in such a way that it shall be accessible by internal road.
9. PP to submit geo-hydrological report along with details of RWH pits separately for terrace water and surface water.
10. PP to submit energy saving details.
11. PP to submit details of UGT.
12. PP to submit co-ordinated master layout superimposing all environmental parameters.
13. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management. (e) bio-medical waste management. (f) Garden NOC.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

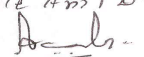
FINAL RECOMMENDATION

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

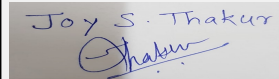
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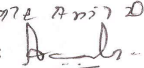
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Proposed Residential & Commercial development Project	
Is a Violation Case: No	
1.Name of Project	Proposed Residential & Commercial development Project by M/s. Sai Shraddha Developers
2.Type of institution	Private
3.Name of Project Proponent	Mr. Hiten Chotaliya
4.Name of Consultant	S G M Enviro (I) Pvt. Ltd.
5.Type of project	Building Construction 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	No. Not applicable
8.Location of the project	Sr. No. 28/10/1, 28/10/2, 28/10/1/3, 28/10/3, 28/10/4, 28/10/5, 28/10/5A, 28/11/2, 28/12/2, 28/14
9.Taluka	Haveli
10.Village	Ambegaon (bk)
Correspondence Name:	Mr. Hiten Chotaliya
Room Number:	A-4, 601
Floor:	--
Building Name:	Kohinoor Estate Housing Society, 12 Mula Road
Road/Street Name:	Near Bajaj Garden
Locality:	Khadki
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD Approved IOD/IOA/Concession/Plan Approval Number: CC/1221/19, Date.28.08.2019 Approved Built-up Area: 29146.19
13.Note on the initiated work (If applicable)	No. Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	IOD approved : IOD no. CC/1221/19, Date.28.08.2019
15.Total Plot Area (sq. m.)	10497.28 Sq. m
16.Deductions	3219.34 Sq. m
17.Net Plot area	7277.94 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16845.09 b) Non FSI area (sq. m.): 12301.10 c) Total BUA area (sq. m.): 29146.19
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 16845.09 Approved Non FSI area (sq. m.): 12301.10 Date of Approval: 28-08-2019
19.Total ground coverage (m2)	2228.11
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.93%
21.Estimated cost of the project	834093400
22.Number of buildings & its configuration	

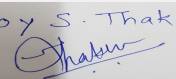

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SEAC-III)

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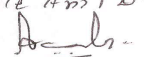
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Commercial Shop (23 Shops)	Ground floor	---	
2	Wing A (105 Flats)	BS+GR+ 2 parking + 15 floors	55.30 m (height up to ground level)	
3	Wing B (105 Flats)	BS+GR+ 2 parking + 15 floors	55.30 m (height up to ground level)	
4	Club House	G+ 1	6.45 m	
23.Number of tenants and shops	No. of Tenements: - 210 No. of shops:- 23			
24.Number of expected residents / users	Residential user: 1050 Commercial user: 222			
25.Tenant density per hectare	137.43			
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 m			
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	No			
30.Details of the demolition with disposal (If applicable)	Not 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				

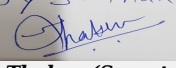
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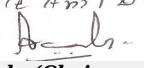
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water			Pune Municipal Corporation					
	Fresh water (CMD):			101					
	Recycled water - Flushing (CMD):			51					
	Recycled water - Gardening (CMD):			11.6					
	Swimming pool make up (Cum):			0					
	Total Water Requirement (CMD) :			163.6					
	Fire fighting - Underground water tank(CMD):			150					
	Fire fighting - Overhead water tank(CMD):			25					
	Excess treated water			60.4					
Wet season:	Source of water			Pune Municipal Corporation					
	Fresh water (CMD):			101					
	Recycled water - Flushing (CMD):			51					
	Recycled water - Gardening (CMD):			0					
	Swimming pool make up (Cum):			0					
	Total Water Requirement (CMD) :			152					
	Fire fighting - Underground water tank(CMD):			150					
	Fire fighting - Overhead water tank(CMD):			25					
	Excess treated water			72					
Details of Swimming pool (If any)				Not Applicable					
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	0	152	152	0	15	15	0	137	137
Gardening	0	11.6	11.6	0	11.6	11.6	0	0	0

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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 14.50 m. to 18.00 m. BGL. (16.25 M. Average) Rainy Season - 5.00 m. to 8.50 BGL. (6.75 M. Average) Winter Season - 9.75 m. to 13.25 m. BGL. (11.50 M. Average)
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	4 Nos.(2 for RT & 2 for surface run off)
	Size of recharge pits :	a) 2.00 m. X 2.00 m. X 1.75 m. Depth with 55 To 60 m. Deep 6" Dia. Bore Well via 1 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth for RT. b) 2.00 m. X 2.00 m. X 1.50 m. Depth with 55 To 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth. For surface run off
	Budgetary allocation (Capital cost) :	5 Lakh
	Budgetary allocation (O & M cost) :	0.25 lakh / year
	Details of UGT tanks if any :	1)Domestic tank - 126.43 KLD 2) Drinking tank -25.29 KLD 3) fire fighting tank -150 KLD 4)Flushing tank - 50.58 KLD
35.Storm water drainage	Natural water drainage pattern:	Slope towards west side
	Quantity of storm water:	82.59 m3 / Day
	Size of SWD:	450 mm Dia
Sewage and Waste water	Sewage generation in KLD:	137
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	140 CMD
	Location & area of the STP:	On Ground , Area= 93 sq. m
	Budgetary allocation (Capital cost):	35 lakh
	Budgetary allocation (O & M cost):	10 lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	0.4 to 0.6 MT/day
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot and remaining will be disposed to authorized dealers.
Waste generation in the operation Phase:	Dry waste:	226.65 kg /day
	Wet waste:	353.85 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	10 kg/day
	Others if any:	Not Applicable
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Mode of Disposal of waste:	Dry waste:	To Authorized vendor of PMC
	Wet waste:	Organic Waste Converter of 400 kg/day capacity
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	STP sludge will be used as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	--
	Area for machinery:	36 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12 lacs
	O & M cost:	2.70 lacs/annum

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	6.5-8	6.5-8	6.5-9
2	TSS	mg/l	200	10	50
3	BOD	mg/l	300	10	10
4	COD	mg/l	450	30	100
5	Oil & Grease	mg/l	10-50	1-5	10

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

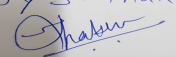
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	DG set	Diesel - 34lit/hr	1	5.62 m	--	--

40.Details of Fuel to be used

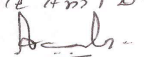
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	00	34lit/hr	34lit/hr

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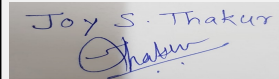
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Name: K. Anil D.
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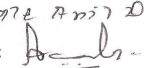
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41.Source of Fuel		Local vendor		
42.Mode of Transportation of fuel to site		By road		
43.Green Belt Development	Total RG area :	859.09 Sq. m		
	No of trees to be cut :	5		
	Number of trees to be planted :	115 No.		
	List of proposed native trees :	Given below		
	Timeline for completion of plantation :	1 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	Cassia Fistula	Amaltas	3	Medium sized deciduous tree. A beautiful tree for small gardens, parks and along medium and small roads excellent yellow inflorescence
2	Millingtonia hortensis	Akash neem	3	Tall evergreen tree can planted to screen facades due to good height, attract birds due to its fragrant flowers
3	Mimusops elengi	Bakul	5	Medium sized slow growing evergreen tree with dense foliage. The flowers are a key source for some of the nesting space for birds.
4	Anthocephalus Kadamba	Kadamba	1	Large sized deciduous tree. Strong branching pattern. It attracts butterflies. The fragrant orange flowers attract pollinators.
5	Albizia lebbeck	Siris	2	Large sized deciduous tree. The tree has a graceful appearance and beautiful foliage.
6	Bauhinia variegata	Kachnar	7	Small sized deciduous tree. Round canopy. It is suitable for roadside planting and also used for group planting or as specimen tree in large lawns due to its flowering
7	Elaeocarpus sphaericus	Rudraksh	4	Large evergreen broad leaved tree. Seeds are of religious value equivalent to semi-precious stone used for organic jewellery/ necklaces
8	Putranjiva roxburghii	Putranjiva	4	Medium sized evergreen tree. A good avenue tree for medium-sized road. Also suitable for growing in gardens and parks in rows for their globular, shining crown.
9	Pongamia Pinnata	Karanj	5	Tree is well suited to intense heat and sunlight and its network of lateral route makes it draught tolerant


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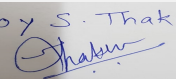
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10	Syzigium jambolana	Jambhul	9	It is a evergreen tree growing to 15-25m tall tree. Dense foliage & edible violet fruits invites lots of birds. Not preferred along roads or in parking lots, due to falling fruits & bird droppings
11	Aegle Marmelos	Bel	5	It is a evergreen tree growing with graceful appearance. Fruits are edible used in various medicinal purpose. Leaves are of religious significance
12	Azadiracta Indica	Neem	7	Neem is a fast growing tree that can reach a height of 15-20m. It is deciduous tree and the branches are wide and spreading, Good for air purification. Leaves have medicinal use.
13	Swietenia Macrophylla	Mahogany	1	Swietenia mahogany is a medium sized semi evergreen tree growing very rare due to over harvesting. It is regarded as the world's finest timber wood. It is grown as an ornamental tree in various parts of India
14	Mangifera Indica	Mango	5	Large evergreen tree with a dense dome shaped crown, fruit bearing tree. Wood is extensively used for low-cost furniture
15	Manilkara zopato	Chikoo	4	Medium sized deciduous tree. It is suitable for planting along the roads. The ground below the tree becomes thickly covered with fallen flowers.
16	List of Trees for Compensatory Plantation is given below	0	50	--
17	Manilkara zopato	Chikoo	10	Medium sized deciduous tree. It is suitable for planting along the roads. The ground below the tree becomes thickly covered with fallen flowers.
18	Azadiracta Indica	Neem	20	Neem is a fast growing tree that can reach a height of 15-20m. It is deciduous tree and the branches are wide and spreading, Good for air purification. Leaves have medicinal use.
19	Mangifera Indica	Mango	10	Large evergreen tree with a dense dome shaped crown, fruit bearing tree. Wood is extensively used for low-cost furniture
20	Aegle Marmelos	Bel	10	It is a evergreen tree growing with graceful appearance. Fruits are edible used in various medicinal purpose. Leaves are of religious significance

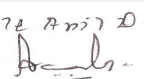
45.Total quantity of plants on ground

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

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Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable

47. Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	30 - KW
	DG set as Power back-up during construction phase	40 - KVA
	During Operation phase (Connected load):	1117 - KW
	During Operation phase (Demand load):	506 - KW
	Transformer:	1 No. X 630 KVA
	DG set as Power back-up during operation phase:	200 KVA - 01 no.
	Fuel used:	Diesel: 200 KVA - 34 - lit/hr
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

Measures to reduce energy consumption :

Generally we have proposed high efficiency transformer, motors etc. to reduce losses.

Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total of all Savings for (per year)	20 %

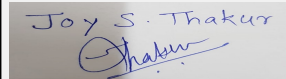
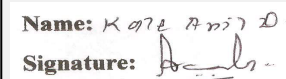
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste water	Not applicable	STP
Solid waste	Not applicable	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	28 lac
	O & M cost:	0.6 Lac/year

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	Drinking water	--	Capital cost Rs. (In Lacs) - 01, O & M Cost Rs. (lacs/Annum)- 0.10
2	Sanitation	--	Capital cost Rs. (In Lacs) - 12.5, O & M Cost Rs. (lacs/Annum)- 0.75
3	Health check up	--	Capital cost Rs. (In Lacs) - 01, O & M Cost Rs. (lacs/Annum)- 0.25
4	Labour Camp Management	--	Capital cost Rs. (In Lacs) - 03, O & M Cost Rs. (lacs/Annum)- 0.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant (STP)	--	35	10
2	Rainwater Harvesting System	--	5	0.25
3	Solid Waste Management	OWC	12	2.70
4	Energy Conservation	--	28	0.6
5	Green Belt Development, Landscaping	Tree Plantation, maintenance	99.99	0.24
6	Environmental Monitoring	STP Outlet monitoring, Soil, Noise, Air Monitoring etc.	--	3.0

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

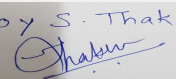
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

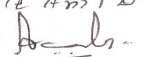
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2
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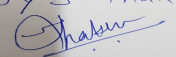
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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	1, Area of basement: 2411
	Number and area of podia:	2, Area per podium: 4702
	Total Parking area:	8502.9 sq.m
	Area per car:	Ground: 30 sq.m, Basement:35 Sq. m , Open parking: 25 Sq.m
	Area per car:	Ground: 30 sq.m, Basement:35 Sq. m , Open parking: 25 Sq.m
	Number of 2-Wheelers as approved by competent authority:	2-Wheelers-504 , Cycle-257
	Number of 4-Wheelers as approved by competent authority:	234
	Public Transport:	Bus, Rickshaw
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	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) B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

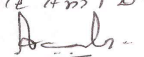
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Name: K. Anil D.
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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 10500 m², FSI area of 16845.09 m², Non FSI area of 12301.10 m² and total BUA of 29146.19 m².

The building configuration of the proposal is as below:

Commercial Shops (23)- G

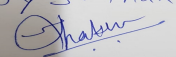
A Wing (Height- 55.30 m): BS+GR+ 2 Parking+ 15 Floors

B Wing (Height- 55.30 m): BS+GR+ 2 Parking+ 15 Floors

Club House (Height- 6.45 m) : G+1

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

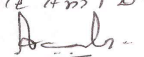
DECISION OF SEAC

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Name: K. Anil D.
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During discussion following points emerged:

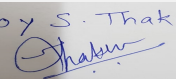
1. Fire tender drive way with projected turning radius of 9 m shall be revised such that turn is natural and does not involve manoeuvring of fire tender.
2. The entry to commercial parking shown on ground floor shall be exclusive and marked accordingly to prevent entry to residential areas.
3. PP to submit cross sections of ramp.
4. PP to submit basement approval plan.
5. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.
6. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
7. PP to submit co-ordinated master layout superimposing all environmental parameters.
8. PP to obtain and submit following NOC's: (a) Water supply with quantity, (b) solid waste / e-waste management.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

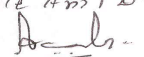
FINAL RECOMMENDATION

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

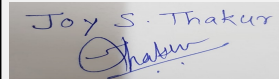
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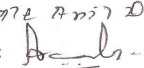
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for proposed project by M/s Shree Venkatesh Buildcon	
Is a Violation Case: No	
1.Name of Project	VENKATESH SKYDOVE
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ankush Bhimrao Asabe
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
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	Survey No - 19, Plot B,(Plot B1) Sinhagad Road
9.Taluka	Pune City
10.Village	Sinhagad Road
Correspondence Name:	Mr. Ankush Bhimrao Asabe
Room Number:	Office No.2,
Floor:	1st Floor,
Building Name:	Laukik Apartment,
Road/Street Name:	870 Bhandarkar Road,
Locality:	Bhandarkar Road, Shivaji Nagar Bhambhurda
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: - Approved Built-up Area: 142137.69
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	21048.84 m2
16.Deductions	0.0 m2
17.Net Plot area	21048.84 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 64302.30 m2 b) Non FSI area (sq. m.): 77835.39 m2 c) Total BUA area (sq. m.): 142137.69
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 64302.30 m2 Approved Non FSI area (sq. m.): 77835.39 m2 Date of Approval: 25-06-2019
19.Total ground coverage (m2)	10353.60 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.18 % of Total plot area (21048.84 m2)
21.Estimated cost of the project	1780000000
22.Number of buildings & its configuration	

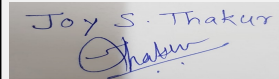

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SEAC-III)

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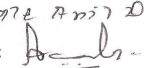
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A	B1+Podium 1 + 1st to 19th floors	69.85	
2	B	B3+B2+B1+ Podium 1 + Podium 2+ 1st to 21st floors	69.97	
3	C 1 + C2	B3+B2+B1+ Podium 1 + Podium 2+ 1st to 21st floors	69.97	
4	D	B3+B2+B1+ Podium 1 + Podium 2+ 1st to 21st floors	69.97	
23.Number of tenants and shops		Total Tenements - 643 Nos. Shop- 10 Nos Office - 10 Nos		
24.Number of expected residents / users		Residential Users: 3215 Nos, Commercial Users: 722 Nos., Total Users: 3937 Nos		
25.Tenant density per hectare		197.23		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		30M & 12M wide DP 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		Labour camp and RMC plant		
30.Details of the demolition with disposal (If applicable)		Labor camp and RMC plant will be demolished		
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				

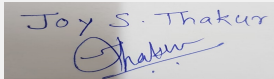

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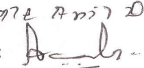
Name: K. Anil Kale
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

Dry season:	Source of water	PMC								
	Fresh water (CMD):	306.91 m3/day								
	Recycled water - Flushing (CMD):	162.72 m3/day								
	Recycled water - Gardening (CMD):	19.87 m3/day								
	Swimming pool make up (Cum):	3.12 m3/day								
	Total Water Requirement (CMD) :	489.5 m3/day (One time)								
	Fire fighting - Underground water tank(CMD):	300.00 m3								
	Fire fighting - Overhead water tank(CMD):	100.00 m3								
	Excess treated water	223.16 m3/day								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	306.91 m3/day								
	Recycled water - Flushing (CMD):	162.72 m3/day								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	3.12 m3/day								
	Total Water Requirement (CMD) :	469.63 m3/day (One time)								
	Fire fighting - Underground water tank(CMD):	300.00 m3								
	Fire fighting - Overhead water tank(CMD):	100.00 m3								
	Excess treated water	243.03 m3/day								
Details of Swimming pool (If any)		Dimension of Swimming Pool: 260 Sq. Mtr Total water Requirement in KLD: 3,12,000 Ltr Water requirement in KLD: 3.12 m3./day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: Budgetary allocation (Capital cost and O & M cost): Capital Cost: Rs. 49.92 Lakh O & M Cost: Rs. 2.76 Lakh/Year								
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	-	-	-	-	-	-	-	-	-	

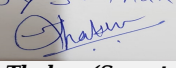

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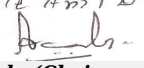
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon – 6 m to 8 m BGL Post monsoon – 2 m to 5 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	1 Nos. of recharge trench with 4 Nos. of injection bore well
	Size of recharge pits :	Recharge trench 30 m × 3 m × 5 m with 4 recharge bore having depth 80 m
	Budgetary allocation (Capital cost) :	Rs. 10 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.20 Lakh/Year
	Details of UGT tanks if any :	Residential & commercial : Domestic UG tank Capacity: 500 m ³ Fire UG tank Capacity: 300.00 m ³ Flushing tank Capacity: 243 m ³
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	666 m ³ /Year
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	405.75 m ³ /day
	STP technology:	MBBR
	Capacity of STP (CMD):	410.00 m ³ /day
	Location & area of the STP:	191 m ²
	Budgetary allocation (Capital cost):	Rs. 88.45 Lakh
	Budgetary allocation (O & M cost):	Rs. 12.68 Lakh/Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 Kg/day
	Disposal of the construction waste debris:	Use for Levelling
Waste generation in the operation Phase:	Dry waste:	715.00 kg/day
	Wet waste:	1031.6 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	31 kg/day
	Others if any:	Not Applicable

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Name: K. Anil D.
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Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC
	Others if any:	Not Applicable
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	70 m ²
	Area for machinery:	Included in other area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 22.5 Lakh
	O & M cost:	Rs. 2.00 Lakh/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 sent 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

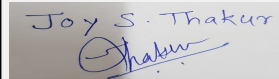
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	DG set- 250 KVA- 2 No.	HSD- 38 - lit/hr	S-1	4.0 m	To be provided	To be provided

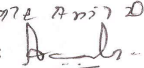
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	38 - lit/hr	38 - lit/hr
41. Source of Fuel		Bharat Petroleum Corporation Limited/ Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By Roadway		


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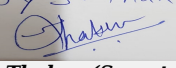
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SEAC-III)

43.Green Belt Development	Total RG area :	2104.88 m2
	No of trees to be cut :	15 Nos.
	Number of trees to be planted :	265 Nos.
	List of proposed native trees :	265 Nos.
	Timeline for completion of plantation :	Mid of Construction

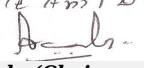
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	21	Medicinal value, To control soil erosion.To improve soil erosion
2	Bahunia racemosa	Apta	16	Every part of the plant is medicinal, Drought tolerant species.
3	Caryota urens	Fishtail palm	12	Grown in any type of soil. Very Hardy
4	Dalbergia sissoo	Shisav	20	Medicinal value, Bird attracting species
5	Erythrina indica	Pangara	16	Fragrant flowers, Drought tolerant species, Birds attracting
6	Gmelina arborea	Shivan	16	Medicinal value, Drought tolerant species, Bird attracting species
7	Mimosops elengii	Bakul	12	Fragrant flowers, Medicinal value, To control soil erosion.
8	Murraya exotica	Kamini	12	Native species, Fragrant flowers,
9	Aegle marmelos	Bel	12	Medicinal value, Drought tolerant species,
10	Nyctanthus arbortristis	Parijatak	12	Fragrant flowers, Medicinal value
11	Putranjiva roxburghii	Putrnjiva	12	Medicinal value, Drought tolerant species
12	Melia Azaradichta	Bakam neem	16	Medicinal value, Native species Bird attracting species
13	Schleichera oleosa	Kusum	08	Native species, Fragrant flowers.
14	Roystonea regia	Bottle Palm	08	Ornamental plant,Medicinal value, Birds & bats eat fruits.
15	Albizia lebek	Shirish	04	Medicinal for Skin,Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
16	Anthocephalus kadamba	Kadamba	04	Medicinal value,To control soil erosion,Birds, squirrels, monkey eat fruits.
17	Ailanthus excelsa	Maharukh	04	Medicinal value, drought tolerant species.

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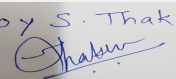
18	Bauhinia blackiana	Kanchanraj	04	Every part of the plant is medicinal, Drought tolerant species.
19	Bauhinia purpurea	Gulabi kanchan	04	Every part of the plant is medicinal ,Drought tolerant species.
20	Butea monosperma	Palas	04	Medicinal value, Bird attracting species ,To control soil erosion.
21	Cassia fistula	Bahawa	04	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
22	Choclospermum religiosum	Sonsawar	04	Medicinal value, Native species
23	Cordia dichotoma	Bhokar	04	Medicinal value, Edible fruits
24	Ficus arnottiana	Payar	04	Drought tolerant species, Bird attracting species. To control soil erosion.
25	Ficus glomerata	Umber	04	Medicinal value, Edible fruits, Bird attracting species
26	Mangifera indica	Mango	04	Edible fruit, Bird attracting species
27	Michelia champaca	Sonchafa	04	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
28	Pongamia pinnata	Karanj	04	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant
29	Saraca indica	Sita-ashok	04	Medicinal value, Religious plant.
30	Syzygium cumini	Jamun	04	Medicinal value,Edible fruit
31	Elaeocarpus sphaericus	Rudraksha	04	Medicinal value, Native species
32	Ficus microcarpa	Nandruk	04	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.

45.Total quantity of plants on ground

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

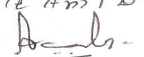
Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy

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Name: K. Anil Kale
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	60 KW
	DG set as Power back-up during construction phase	01 No.- 82.5 KVA
	During Operation phase (Connected load):	4832.85 kW
	During Operation phase (Demand load):	2052.71 KW
	Transformer:	3 Nos. Of 630 KVA & 1 No. Of 315 KVA
	DG set as Power back-up during operation phase:	250 KVA-02 Nos
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

- Using LED in parking area, lift-lobby and stair-case area of building.
- Using LED in Landscape area.
- Using LED lamps for all external lights.
- Using solar water heating in 1 Master toilet of each flat.
- Using solar Photo Voltaic System for common area

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Percentage of Saving	12.37 %

50. Details of pollution control Systems

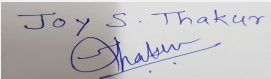
Source	Existing pollution control system	Proposed to be installed
Air	-	Green Belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening.
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plant to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to SWACH.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 46.8 Lakh
	O & M cost:	Rs. 2.34 Lakh/Year

51. Environmental Management plan Budgetary Allocation

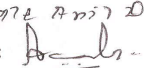
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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Name: K. Anil Kale
Signature: 
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1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50
3	Land Environment	Site Sanitation- Mobile toilets	0.50
4	Socio Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment	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	-	88.45 Lakh	12.68 Lakh/Year
2	RWH	-	10.00 Lakh	1.20 Lakh/Year
3	MSW (OWC)	-	22.5 Lakh	2.0 Lakh/year
4	Energy System	-	46.8 Lakh	2.34 Lakh/Year
5	Landscaping	-	45.70 Lakh	7.32 Lakh/year
6	Swimming Pool	-	49.92 Lakh	2.76 Lakh/year
7	Safety Equipment's	-	10.00 Lakh	2.00 Lakh/year
8	Post EC Monitoring	-	-	2.50 Lakh/year
9	Dry Waste Management	-	-	3.85 Lakh/year

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

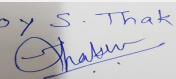
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
-	-	-	-	-	-	-	-

52.Any Other Information

No Information Available

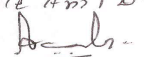
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
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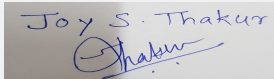
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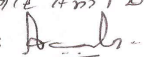
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	3 Nos of Basement - 31951.11 m2
	Number and area of podia:	2 Nos of Podium - 16424.41 m2
	Total Parking area:	48375.52 m2
	Area per car:	Basement parking -35 m2 Covered parking - 30 m2 Open parking - 25 m2
	Area per car:	Basement parking -35 m2 Covered parking - 30 m2 Open parking - 25 m2
	Number of 2-Wheelers as approved by competent authority:	1617 Nos.
	Number of 4-Wheelers as approved by competent authority:	1081 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	

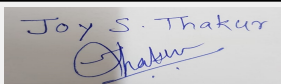

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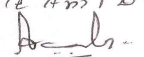
Name: Kote Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
PP remained absent . The proposal was deferred.	
DECISION OF SEAC	
PP remained absent . The proposal was deferred.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEIAA decision above.	

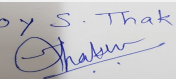

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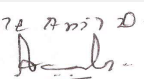
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for proposed project by M/s Shree Venkatesh Buildcon	
Is a Violation Case: No	
1.Name of Project	VENKATESH SKYLARK
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ankush Bhimrao Asabe
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
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	Survey No - 19, Plot B,(Plot B2) Sinhagad Road
9.Taluka	Pune City
10.Village	Sinhagad Road
Correspondence Name:	Mr. Ankush Bhimrao Asabe
Room Number:	Office No.2,
Floor:	1st Floor,
Building Name:	Laukik Apartment,
Road/Street Name:	870 Bhandarkar Road,
Locality:	Bhandarkar Road, Shivaji Nagar Bhambhurda
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: - Approved Built-up Area: 34710.31
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	5324.47 m2
16.Deductions	0.0 m2
17.Net Plot area	5324.47 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16265.45 m2 b) Non FSI area (sq. m.): 18444.86 m2 c) Total BUA area (sq. m.): 34710.31
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 16265.45 m2 Approved Non FSI area (sq. m.): 18444.86 m2 Date of Approval: 25-06-2019
19.Total ground coverage (m2)	2167.23 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.70 % of Total plot area (5324.47 m2)
21.Estimated cost of the project	440000000
22.Number of buildings & its configuration	

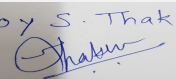
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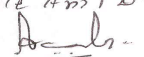
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	E1+E2	Podium 1+ podium 2+ podium 3+ podium 4+ podium 5+ podium 6+1ST TO 17 floors	69.70	
23.Number of tenants and shops	Total Tenements - 170 Nos. Shops- 11 Nos Offices - 11 Nos			
24.Number of expected residents / users	Residential Users: 850 Nos, Commercial Users: 261 Nos., Total Users: 1111 Nos			
25.Tenant density per hectare	223.68			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30M & 18M wide DP 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	Not Applicable			
30.Details of the demolition with disposal (If applicable)	Not 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				

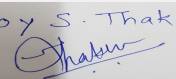
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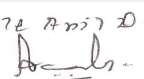
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC								
	Fresh water (CMD):	81.72 m3/day								
	Recycled water - Flushing (CMD):	44.77 m3/day								
	Recycled water - Gardening (CMD):	6.21 m3/day								
	Swimming pool make up (Cum):	0.00 m3/day								
	Total Water Requirement (CMD) :	132.7 m3/day (One time)								
	Fire fighting - Underground water tank(CMD):	100 m3								
	Fire fighting - Overhead water tank(CMD):	25 m3								
	Excess treated water	59.16 m3/day								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	81.72 m3/day								
	Recycled water - Flushing (CMD):	44.77 m3/day								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	0.00 m3/day								
	Total Water Requirement (CMD) :	126.49 m3/day (One time)								
	Fire fighting - Underground water tank(CMD):	100 m3								
	Fire fighting - Overhead water tank(CMD):	25 m3								
	Excess treated water	65.37 m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: NA									
	Total water Requirement in KLD: NA									
	Water requirement in KLD:									
	Details of Plant & Machinery used for treatment of Swimming pool water: NA									
	Details of quality to be achieved for swimming pool water and parameters to be monitored: NA									
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	-	-	-	-	-	-	-	-	-	

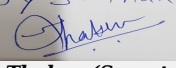
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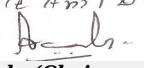
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon – 10 m to 11 m BGL Post monsoon – 2 m to 5 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6 Nos
	Size of recharge pits :	(Dia. 2 m and 3 m height) with 6" Dia. 60 m deep bore well via 1 No. of 2 m dia. 3 m deep de-silting chamber with O&G trap.
	Budgetary allocation (Capital cost) :	Rs. 6.50 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.12 Lakh/Year
	Details of UGT tanks if any :	Residential & commercial : Domestic UG tank Capacity: 130m3 Fire UG tank Capacity: 100.00m3 Flushing tank Capacity: 67.17 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	168 m3 / day
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	110.14 m3 / day
	STP technology:	MBBR
	Capacity of STP (CMD):	115 m3/day
	Location & area of the STP:	68.37 m2
	Budgetary allocation (Capital cost):	Rs. 35.15 Lakh
	Budgetary allocation (O & M cost):	Rs. 6.85 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 Kg/day
	Disposal of the construction waste debris:	Use for Levelling
Waste generation in the operation Phase:	Dry waste:	196.1 kg/day
	Wet waste:	268.05 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	7.8 kg/day
	Others if any:	Not Applicable

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC
	Others if any:	Not Applicable
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	32.28 m ²
	Area for machinery:	Included in other area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 9.5 Lakh
	O & M cost:	Rs.1.0 Lakh/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

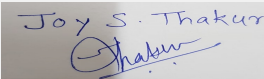
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	DG set- 180 KVA- 1 No.	HSD- 41- lit/hr	S-1	3.5 m	To be provided	To be provided

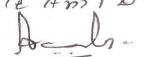
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	41- lit/hr	41- lit/hr
41.Source of Fuel		Bharat Petroleum Corporation Limited/ Hindustan Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		


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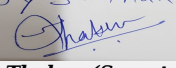
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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

43.Green Belt Development	Total RG area :	532.45 m2
	No of trees to be cut :	21 Nos.
	Number of trees to be planted :	67 Nos.
	List of proposed native trees :	67 Nos.
	Timeline for completion of plantation :	Mid of Construction

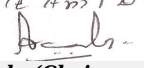
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus excelsa	Maharukh	04	Medicinal value, Drought tolerant species
2	Albizia lebek	Shirish	04	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
3	Anthocephalus kadamba	Kadamb	04	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azadirachta indica	Neem	04	Medicinal value, To control soil erosion. To improve soil erosion
5	Bauhinia blackiana	Kanchanraj	04	Every part of the plant is medicinal, Drought tolerant species
6	Bauhinia purpurea	Gulabi kanchan	04	Every part of the plant is medicinal ,Drought tolerant species
7	Cassia fistula	Bahawa	04	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
8	Cordia dichotoma	Bhokar	04	Native species, Fragrant flowers,
9	Dalbergia sissoo	Shisav	04	Medicinal value, Drought tolerant species,
10	Ficus glomerata	Umber	04	Fragrant flowers, Medicinal value
11	Ficus retusa	Nandruk	03	Medicinal value, Drought tolerant species
12	Mangifera indica	Mango	04	Medicinal value, Native species Bird attracting species
13	Michelia champaca	Sonchaffa	02	Native species, Fragrant flowers.
14	Saraca indica	Sita-ashok	04	Ornamental plant,Medicinal value, Birds & bats eat fruits.
15	Albizia lebek	Shivan	04	Medicinal for Skin,Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
16	Anthocephalus kadamba	Bakul	02	Medicinal value,To control soil erosion,Birds, squirrels, monkey eat fruits.

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Shri. Anil Kale (Chairman SEAC-III)

17	Ailanthus excelsa	Kamini	04	Medicinal value, drought tolerant species.
18	Bauhinia blackiana	Parijatak	04	Every part of the plant is medicinal, Drought tolerant species.
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 :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	01 No.- 40 KVA
	During Operation phase (Connected load):	1402 KW
	During Operation phase (Demand load):	637 KW
	Transformer:	1 Nos x 630 KVA
	DG set as Power back-up during operation phase:	180 KVA-01 Nos
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48.Energy saving by non-conventional method:

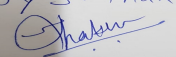
- Using LED in parking area, lift-lobby and stair-case area of building.
- Using LED in Landscape area.
- Using LED lamps for all external lights.
- Using solar water heating in 1 Master toilet of each flat.
- Using solar Photo Voltaic System for common area

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Percentage of Saving	14.74 %

50.Details of pollution control Systems

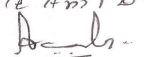
Source	Existing pollution control system	Proposed to be installed
Air	-	Green Belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening.

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Name: K. Anil D.


Shri. Anil Kale (Chairman SEAC-III)

Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plant to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to SWACH.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 16.32 Lakh
	O & M cost:	Rs. 0.81 Lakh/Year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

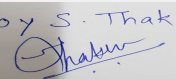
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50
3	Land Environment	Site Sanitation- Mobile toilets	0.50
4	Socio Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment	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	-	35.15 Lakh	6.85 Lakh/Year
2	RWH	-	6.50 Lakh	1.12 Lakh/Year
3	MSW (OWC)	-	9.5 Lakh	1.0 Lakh/year
4	Energy System	-	16.32 Lakh	0.81 Lakh/year
5	Landscaping	-	14.46 Lakh	2.32 Lakh/year
6	Safety Equipment's	-	10.00 Lakh	2.00 Lakh/year
7	Post EC Monitoring	-	-	2.50 Lakh/year
8	Dry Waste Management	-	-	1.02 Lakh/year

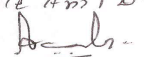
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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
-	-	-	-	-	-	-	-

Joy S. Thakur

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Name: K. Anil D.
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

52.Any Other Information

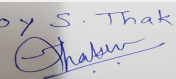
No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
	Number and area of basement:	-
	Number and area of podia:	6 Nos of Podium 11541.10 m2
	Total Parking area:	11541.10 m2
	Area per car:	Open parking - 25 m2 Covered parking - 30 m2
	Area per car:	Open parking - 25 m2 Covered parking - 30 m2
Parking details:	Number of 2-Wheelers as approved by competent authority:	442 Nos.
	Number of 4-Wheelers as approved by competent authority:	267 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

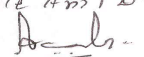
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-

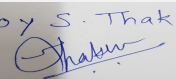
Joy S. Thakur

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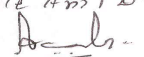
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
PP remained absent . The proposal was deferred.	
DECISION OF SEAC	
PP remained absent . The proposal was deferred.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEIAA decision above.	

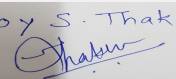
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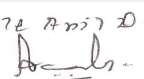
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Agenda for 97th SEAC-3 meeting Day 01	
SEAC Meeting number: 97 Meeting Date November 5, 2019	
Subject: Environment Clearance for Residential project Sukhwani Ambar at S. No - 84/3A, 85/1/1, 85/1/2, 85/2A, 85/2B, 85/3/1, 85/3/2, 86/2/B, village Mulshi, Wakad, Pune by M/s Sukhwani Developers	
Is a Violation Case: No	
1.Name of Project	Sukhwani Ambar
2.Type of institution	Private
3.Name of Project Proponent	M/s Sukhwani Developers
4.Name of Consultant	Sneha Hi-Tech Products
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	Not applicable
8.Location of the project	S. No - 84/3A, 85/1/1, 85/1/2, 85/2A, 85/2B, 85/3/1, 85/3/2, 86/2/B
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Umesh Kshirsagar Project Engineer
Room Number:	32
Floor:	Sukhwani Chambers, Pimpri, Pune
Building Name:	Sukhwani Chambers, Pimpri, Pune
Road/Street Name:	Sukhwani Chambers, Pimpri, Pune
Locality:	Sukhwani Chambers, Pimpri, Pune
City:	pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation Pimpri
12.IOD/IOA/Concession/Plan Approval Number	IOD IOD/IOA/Concession/Plan Approval Number: BP/EC/Wakad/10/2019,Dated: 20/08/2019 Approved Built-up Area: 10328.90
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	BP/EC/Wakad/10/2019,Dated: 20/08/2019
15.Total Plot Area (sq. m.)	9904.00
16.Deductions	20.99
17.Net Plot area	9883.01
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15645.05 b) Non FSI area (sq. m.): 14854.33 c) Total BUA area (sq. m.): 30499.38
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 10328.90 Approved Non FSI area (sq. m.): 14854.33 Date of Approval: 20-08-2019
19.Total ground coverage (m2)	1534.30
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15.49
21.Estimated cost of the project	780000000
22.Number of buildings & its configuration	

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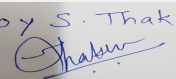
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	BP+P+12 floors	37.70
2	B	BP+P+12 floors	37.70
3	C, D	BP+P+12 floors	37.70
4	E	G+7 floors	22.80
5	Clubhouse	G+7 floors	7.80

23.Number of tenants and shops	240 , 3 shop
24.Number of expected residents / users	1222
25.Tenant density per hectare	250 T./H.
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30.00 Mt.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.50Mt.
29.Existing structure (s) if any	nil
30.Details of the demolition with disposal (If applicable)	-

31.Production Details

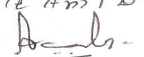
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

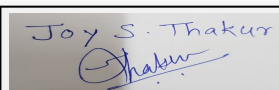
Joy S. Thakur

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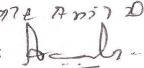
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

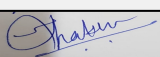
Dry season:	Source of water	PCMC							
	Fresh water (CMD):	108.44							
	Recycled water - Flushing (CMD):	54.50							
	Recycled water - Gardening (CMD):	6							
	Swimming pool make up (Cum):	N/A							
	Total Water Requirement (CMD) :	168.94							
	Fire fighting - Underground water tank(CMD):	350							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	86.15							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	108.44							
	Recycled water - Flushing (CMD):	54.50							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	N/A							
	Total Water Requirement (CMD) :	162.94							
	Fire fighting - Underground water tank(CMD):	350							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	92.15							
Details of Swimming pool (If any)		N/A							
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


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 13.00 m. to 17.33 m. BGL. (15.17 M. Average) Rainy Season - 5.00 m. to 8.00 BGL. (6.50 M. Average) Winter Season - 9.00 m. to 12.67 m. BGL. (10.84 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 Nos.
	Size of recharge pits :	a) 2.50 m. X 2.50 m. X 1.50 m. Depth with 45 To 60 m. Deep 6" Dia. Bore Well via 1 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth. (For RT) b) 2.50 m. X 2.50 m. X 1.50 m. Depth with 45 To 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth. (For Surface Run off)
	Budgetary allocation (Capital cost) :	Rs. 6.25 Lakh.
	Budgetary allocation (O & M cost) :	Rs. 0.25 Lakh / year.
	Details of UGT tanks if any :	Domestic Water: 170 m3 (1.5 day storage) Flushing: 75 m3 Fire fighting: 350 m3
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	5,935.60 m3 / Year i.e. 118.71 m3 / Day
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	146.65
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	160 m3/day
	Location & area of the STP:	ground, Area: 84 Sq mtr
	Budgetary allocation (Capital cost):	Rs. 49.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 10.52 Lakh/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris
	Disposal of the construction waste debris:	Shall be reused on site at maximum extent. Rest of it shall be handed over to authorized vendor
Waste generation in the operation Phase:	Dry waste:	243 Kg/day
	Wet waste:	362 Kg/day
	Hazardous waste:	N/A
	Biomedical waste (If applicable):	N/A
	STP Sludge (Dry sludge):	24 Kg/day
	Others if any:	-
 Joy S.Thakur (Secretary SEAC-III)		SEAC Meeting No: 97 Meeting Date: November 5, 2019
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Mode of Disposal of waste:	Dry waste:	Shall be handed over to Authorised vendor
	Wet waste:	Shall be treated in OWC
	Hazardous waste:	N/A
	Biomedical waste (If applicable):	N/A
	STP Sludge (Dry sludge):	To be used for landscaping
	Others if any:	-
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Area for the storage of waste & other material + Area for machinery: 36 Sq.m.
	Area for machinery:	Area for the storage of waste & other material + Area for machinery: 36 Sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 12.75 Lakhs
	O & M cost:	Rs. 2.85 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

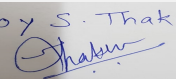
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

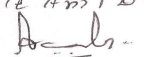
40.Details of Fuel to be used

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		

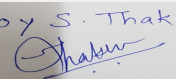
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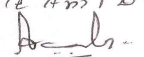
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	988.32 Sq.m.		
	No of trees to be cut :	-		
	Number of trees to be planted :	134		
	List of proposed native trees :	attached in documents		
	Timeline for completion of plantation :	at the end of 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	attached in documents	attached in documents	attached in documents	attached in documents
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 :	MSDCL		
	During Construction Phase: (Demand Load)	30 KW		
	DG set as Power back-up during construction phase	40 KVA DG Set		
	During Operation phase (Connected load):	1464 KW		
	During Operation phase (Demand load):	653KW		
	Transformer:	22KV / 630 KVA - 1 No & 22KV / 315 KVA -1 No		
	DG set as Power back-up during operation phase:	160 KVA - 1 No		
	Fuel used:	HSD		
	Details of high tension line passing through the plot if any:	-		
48.Energy saving by non-conventional method:				
-				
49.Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures		Saving %	

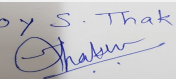
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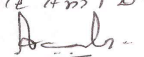
Name: K. Anil D.
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 Shri. Anil Kale (Chairman SEAC-III)

1	Total savings		18.80				
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. 40.40 lakhs					
	O & M cost:	Rs. 0.81 lakhs/yr					
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 for Dust Suppression	Water for Dust Suppression	2				
2	Site Sanitation , Disinfection & Safety	Site Sanitation & Safety	1.5				
3	Environmental Monitoring	Environmental Monitoring	2.				
4	Health Check up	Health Check up	2.5				
5	Environment Management Cell	Environment Management Cell	8				
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	To harvest rain water	6.25	0.25			
2	Sewage Treatment Plant	To treat sewage	49.00	10.52			
3	Smart Mechanical composting	To treat biodegradable solid waste	12.75	2.85			
4	Green Belt Development	Tree plantation	15.50	1.20			
5	Energy saving	For use of solar lighting and solar heater	40.40	0.81			
6	Environment Monitoring	Air, water, noise and soil analysis	-	3.00			
7	Environment Management Cell	To manage environmental issues	8.04	7.8			
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

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52.Any Other Information

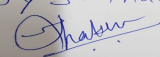
No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 no. of entry & exit
Parking details:	Number and area of basement:	1 & 3498.23 Sq.mt.
	Number and area of podia:	Nil
	Total Parking area:	5362.04 Sq.mt.
	Area per car:	Ground - 25 sq.m. Basement - 35 sq.m.
	Area per car:	Ground - 25 sq.m. Basement - 35 sq.m.
	Number of 2-Wheelers as approved by competent authority:	486 nos.
	Number of 4-Wheelers as approved by competent authority:	Required: 122 nos. Provided: 130 nos.
	Public Transport:	-
	Width of all Internal roads (m):	12.00 Mt.
	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	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

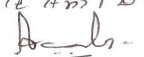
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.

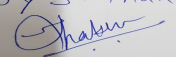
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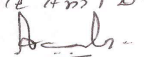
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.
Brief information of the project by SEAC	

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Signature: 

Shri. Anil Kale (Chairman SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 9904.00 m², FSI area of 15645.05 m², Non FSI area of 14854.33 m² and total BUA of 30499.38 m².

The building configuration of the proposal is as below:

Building A (Height-37.70 m): B+P+12 Floors

Building B (Height- 37.70 m): B+P+12 Floors

Building C (Height-37.70 m): B+P+12 Floors

Building D (Height- 37.70 m): B+P+12 Floors

Building E (Height- 22.80 m): Gr/P+7 Floors

Club House (Height- 7.80m): Gr+1

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

During discussion following points emerged:

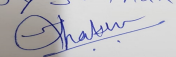
1. PP to ensure that MHADA building will be part of Federation of the Society and will use RG, Club House etc. PP to incorporate relevant clause in the sale agreement.

SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

- 1) PP to ensure that MHADA building will be part of Federation of the Society and will use RG, Club House etc. PP to incorporate relevant clause in the sale agreement.

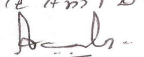
FINAL RECOMMENDATION

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

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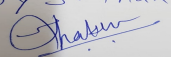
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Shri. Anil Kale (Chairman
SEAC-III)

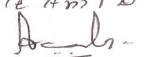
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000351

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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Name: Kote Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02

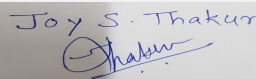
SEAC Meeting number: 97 Meeting Date November 6, 2019

Subject: Environment Clearance for EXPANSION IN ENVIRONMENTAL CLEARANCE OF COMMERCIAL DEVELOPMENT PROJECT

Is a Violation Case: No

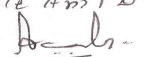
1.Name of Project	WESTEND. Expansion in Environmental Clearance of Commercial Project EC file no. SEIAA-EC-0000000547 dated 15.12.2018
2.Type of institution	Private
3.Name of Project Proponent	Chitrali Properties Pvt Ltd
4.Name of Consultant	SGM Corporate Consultants Pvt. Ltd.
5.Type of project	Commercial Project (Mall Multiplex and IT Offices development)
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion In Environment Clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. First EC granted vide letter EC file no. 21-366/ 2007-1A.III dated 07.12.2007. Amendment to EC with change of use was granted by MoEF (File no.21-90/2016-1A.III) dated 30.08.2017 and thereafter expansion in EC granted by SEIAA SEIAA-EC-0000000547 dated 15.12.2018
8.Location of the project	S .No. 169/1, Sector I & II (part), Aundh, Pune-411007
9.Taluka	Haveli
10.Village	Aundh
Correspondence Name:	Ms. Ashwini Oak
Room Number:	-
Floor:	-
Building Name:	Sumashilp
Road/Street Name:	-
Locality:	93/5A , Erandawane, Pune-411004
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied to PMC on 15.03.2019 IOD/IOA/Concession/Plan Approval Number: Approval in process Approved Built-up Area: 109618
13.Note on the initiated work (If applicable)	The work is under progress as per EC granted
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	29,500
16.Deductions	-
17.Net Plot area	29,500
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 75333 b) Non FSI area (sq. m.): 34285 c) Total BUA area (sq. m.): 109618
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 75333 Approved Non FSI area (sq. m.): 34285 Date of Approval: 01-01-1900
19.Total ground coverage (m2)	8,634.21
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35 %
21.Estimated cost of the project	5380000000

22.Number of buildings & its configuration

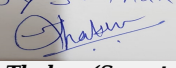

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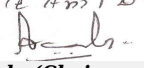
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	Existing: 2 Basement + Ground North+Ground South+Higher Ground Floor + First Floor + Second Floor+Third Floor (Part) to 12th floor (EC received for above mentioned floors on 15.12.2018) Proposed 13th to 15th floor	91.525 m	
2	Building B	Existing: (IT building) 3 basements + Ground + to 11 th Floor (EC received on 15.12.2018 for above mentioned floors, no change in Building B in present application)	48.90	
23.Number of tenants and shops		196 Nos		
24.Number of expected residents / users		Building A - 8200 Nos, Building B - 2,260 Nos Total (Bldg A+B = 10,460) Nos		
25.Tenant density per hectare		Not applicable		
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 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		Minimum 7.5 m		
29.Existing structure (s) if any		Sector I Building A : 2 Basement + Ground North + Ground South + Higher Ground Floor + First Floor +Second Floor +Third Floor(Part)Completion Certificate from PMC is received for above mentioned areas + RCC work up to 7 th floor is in progress as per EC Received. Sector II Building B : (IT building) 3 basements + Ground + 7 Floor Completion Certificate from PMC is received for above mentioned areas.		
30.Details of the demolition with disposal (If applicable)		Not 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				

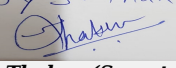
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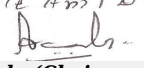
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pune Municipal Corporation								
	Fresh water (CMD):	244								
	Recycled water - Flushing (CMD):	262								
	Recycled water - Gardening (CMD):	30								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	656								
	Fire fighting - Underground water tank(CMD):	599								
	Fire fighting - Overhead water tank(CMD):	97.45								
	Excess treated water	30								
Wet season:	Source of water	Pune Municipal Corporation								
	Fresh water (CMD):	244								
	Recycled water - Flushing (CMD):	262								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	626								
	Fire fighting - Underground water tank(CMD):	599								
	Fire fighting - Overhead water tank(CMD):	97.45								
	Excess treated water	60								
Details of Swimming pool (If any)		Not applicable								
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	

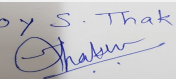
Joy S. Thakur

 Joy S.Thakur (Secretary
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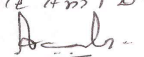
Name: K. Anil D.
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	18 m
	Size and no of RWH tank(s) and Quantity:	No separate water tank is constructed for RWH. Recharge pits are provided
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Sector 1: 5 pits; Sector 2: 15 pits; Total: 20 pits
	Size of recharge pits :	2m × 2m × 2m
	Budgetary allocation (Capital cost) :	18 Lakh
	Budgetary allocation (O & M cost) :	1.2 Lakh
	Details of UGT tanks if any :	UGT capacity Building A Fire=339 m3/day; Domestic: 855 m3/day; Building B Fire= 260 m3/day; Domestic: 504 m3/day
35.Storm water drainage	Natural water drainage pattern:	Yes
	Quantity of storm water:	0.18347 cubic meter/second
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	466
	STP technology:	Fluidised Media Bio Reactor
	Capacity of STP (CMD):	2 STP (1 STP for Building A of 500 m3/day + 1STP of Building B of 100 m3/day) Total capacity 600m3/day
	Location & area of the STP:	Ground; Area: 361 sq.m
	Budgetary allocation (Capital cost):	95 Lakh
	Budgetary allocation (O & M cost):	12 lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	About 30 kg/day
	Disposal of the construction waste debris:	Construction debris will be recycled and utilized on the same site. No hazardous waste is involved
Waste generation in the operation Phase:	Dry waste:	711 kg/day
	Wet waste:	1172 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	4 m3/day
	Others if any:	Inert Waste: 209 kg/day

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Mode of Disposal of waste:	Dry waste:	Non-biodegradable/Inert waste will be sold to authorized recycler
	Wet waste:	Will be composted in OWC
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Not applicable
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	75 sq.m
	Area for machinery:	25 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15 Lakh
	O & M cost:	6 lakh

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

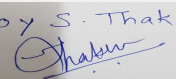
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

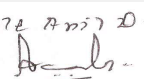
40.Details of Fuel to be used

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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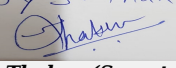
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43.Green Belt Development	Total RG area :	Sector I: 2,575 sq.m Sector II (Part): 3,436 sq.m Total RG provided at the site is 6011 sq.m.
	No of trees to be cut :	Nil
	Number of trees to be planted :	Trees are already planted at the site. Building A: 225nos Building B: 501 nos. Total 726 Nos of trees
	List of proposed native trees :	All the trees planted are native to the area
	Timeline for completion of plantation :	Completed

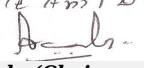
44.Number and list of trees species to be planted in the ground

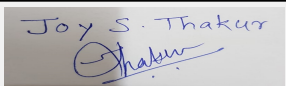
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ziziphus mauritiana	Bor	9	It's a spiny evergreen fruit bearing tree upto 15m height, with trunk 40cm or more, spreading crown. The fruit is eaten raw, pickled or used in beverages
2	Magnolia champaca	Sonchafa	12	Fragrant flowers and timber used in wood working
3	Leucaena leucocephala	Su Babhul	58	Used for firewood, fiber and livestock farming
4	Acacia	Acacia	31	Sap from acacia tree known as acacia gum is used for medicinal purpose
5	Pithecellobium dulce	Vilayati Chinch	10	It's a drought resistant tree. The tree bears edible bean, the extracts from the leaves can be used as medicines.
6	Plumeria	Chafa	37	Medicinal plant. The flower extracts is used as fragrance
7	Azadirachta indica	Kadunimb	8	A high valued Medicinal plant
8	Arecaceae	Palm	40	Flowering plant
9	Swietenia mahagoni	Mohagani	59	Ornamental tree
10	Callistemon	Bottle grass	29	Flowering plant. They can be grown in pots
11	Gatterpal	Gatterpal	3	Ornamental tree
12	Delonix regia	Gulmohar	1	Flowering tree, the wood from the tree is employed for local agricultural implements, handles for carpentry tools, combs, etc
13	Ficus benamina	Ficus	4	Decorative plant
14	Bambusoideae	Bamboo	159	For construction purpose and as ornamental plant
15	Tikoma	Tikoma	204	Decorative plant
16	Silver Oak	Silver Oak	29	Decorative plant
17	Coconut	Coconut	1	Fruit bearing
18	Kanchan	Kanchan	1	Decorative
19	Chinch	Chinch	1	Fruit bearing

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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	Not applicable	Not applicable	Not applicable
47.Energy			
Power requirement:	Source of power supply :	MSEDCL	
	During Construction Phase: (Demand Load)	75 KVA	
	DG set as Power back-up during construction phase	NA	
	During Operation phase (Connected load):	Building A: 11,245 KW Building B: 8,692 KW	
	During Operation phase (Demand load):	Building A: 7,900 KVA Building B: 6,330 KVA	
	Transformer:	Building A : 1X1250kVA, 3X2000kVA, 3X1000kVA Building B : 1X750kVA, 1X1600kVA, 2X1250kVA, 1X2000kVA	
	DG set as Power back-up during operation phase:	12 DG sets of 4X2000 kVA, 2X1250kVA, 1X625kVA, 2X1010kVA, 3X600kVA capacity	
	Fuel used:	Diesel	
	Details of high tension line passing through the plot if any:	Not applicable	
48.Energy saving by non-conventional method:			
Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project. Most of the common area lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption. External & Common lighting is proposed on LED Lamps which results in 40% saving in consumption. These are set of lighting which are placed at critical junctions and which would be lit round the night. Low loss Transformers due to which 6.22% losses are saved against conventional transformer. The glasses used along the periphery of the building are hi efficiency & ceramic fritted which reduces/reflect the heat & allows maximum sunlight inside the building			
49.Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures	Saving %	
1	LED lighting, ernegy efficient lift (total saving in common areas)	27 % Savings	
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:	160 lakhs	
	O & M cost:	80 lakhs	
 Joy S.Thakur (Secretary SEAC-III)		SEAC Meeting No: 97 Meeting Date: November 6, 2019	
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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	Dust Supression	06
2	Site sanitation	Toilets,safe drinking water, septic tank	15
3	Environmental Monitoring	Environmental Monitoring	06
4	Disinfection	Disinfection	04
5	Health Checkup and First aid	Health Checkup and First aid	03
6	Safety & PPE	Safety personal protective equipments	03
7	Safety nets	Safety nets	06
8	Storm water management	Storm water management	03

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 treatment	95	12
2	Environmental Monitoring	Air, Water, Noise, soil	As per MoEF approved laboratory	15
3	Rain water harvesting	RWH pits	18	1.2
4	Solid waste Management	Mechanical Composting	15	06
5	Fire Fighting	Fire fighting equipments	375	14
6	Landscape Development	Plantation	40	05
7	Solar lighting & Energy	LED lights, VFD lights etc	160	08
8	DMP	-	886	50
9	Total	-	1589	111.2

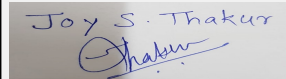
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

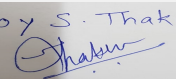
52.Any Other Information

No Information Available

53.Traffic Management

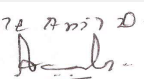
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 8 of 171	Name: K. Anil D. Signature: [Signature] Shri. Anil Kale (Chairman SEAC-III)
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	Nos. of the junction to the main road & design of confluence:	Two
Parking details:	Number and area of basement:	Building A - 2 Basements; Building B - 3 Basements Area - Appx. 40,000 sq.mtrs. (excluding services)
	Number and area of podia:	Not applicable
	Total Parking area:	Appx 40,000 sq .m (excluding services)
	Area per car:	About 26 sq .m
	Area per car:	About 26 sq .m
	Number of 2-Wheelers as approved by competent authority:	5341
	Number of 4-Wheelers as approved by competent authority:	1899 1535 Basement + 364 Open (Parking will be provided in three shifts, 633 parking per shift)
	Public Transport:	The site is well connected to the public transport infrastructure. For category C & D employees buses will be provided
	Width of all Internal roads (m):	6 m & 9 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	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) Category
	Court cases pending if any	1. Execution application No.08/2016 in Appeal no 48/2014 related to noise. The application is pending. 2. Appeal No 96/2015 - Speaking order of SEIAA extending the EC has been challenged. The application is pending. 3. Appeal No 165/2016 - Related to noise pollution caused by Building A. The application is pending. 4. Appeal No 108/2017 - Amended EC has been challenged, which is currently pending for delay condonation application
	Other Relevant Informations	1)Recycled water (cooling):120 CMD (Total water consumption:Dry Season-656 CMD; Total water consumption: Wet season-626 CMD)
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	

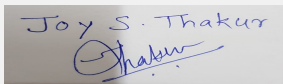
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Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	


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PP had submitted application for amendment in Environmental clearance for total plot area of 29,500 m², FSI area of 75333 m², Non FSI area of 34285 m² and total BUA of 109618 m².

First EC granted vide letter EC file no. 21-366/ 2007-1A.III dated 07.12.2007. Amendment to EC with change of use was granted by MoEF (File no.21-90/2016-1A.III) dated 30.08.2017 and thereafter expansion in EC granted by SEIAA SEIAA-EC-0000000547 dated 15.12.2018.

The building configuration of the proposal is as below:

Building A (Height 91.525 m) :-

Existing : 2 Basement + Ground North+Ground South+Higher Ground Floor + First Floor + Second Floor+Third Floor (Part) to 12th floor (EC received for above mentioned floors on 15.12.2018)

Proposed : 13th to 15th floor

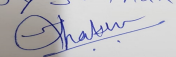
Building B (Height 48.90 m):

Existing: (IT building) 3 basements + Ground + to 11 th Floor (EC received on 15.12.2018 for above

mentioned floors, no change in Building B in present application)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

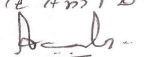
DECISION OF SEAC

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

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During discussion following points emerged:

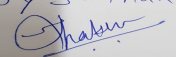
1. PP has proposed sanitary facilities for school and slum. PP to give details of the same viz. location and number of toilet blocks etc. PP has proposed skill development, health check up and medical check up activity, which is not admissible. PP to replace these activities with some activities useful for public.
2. PP to submit environmental status report for the construction carried out till date.
3. PP to submit co-ordinated master layout superimposing all environmental parameters.
4. PP to obtain and submit following NOC's: (a) Water supply with quantity, (b) solid waste / e-waste management.
5. PP to submit / justify provision of mandatory RG area in conformity with the DC Rules.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

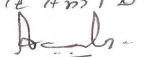
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

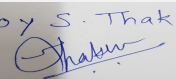
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Name: K. Anil Kale
Signature: 

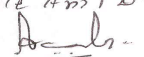
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Construction Project by M/s Classic Builders	
Is a Violation Case: No	
1.Name of Project	Regency Classic
2.Type of institution	Private
3.Name of Project Proponent	Mr. Anil Pawar
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Sr. No. 54/4
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	Mr. Anil Pawar
Room Number:	97/1
Floor:	-
Building Name:	Nagina Apartment
Road/Street Name:	Pune - Satara Road
Locality:	Padmavati Corner
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: CC/3726/15 Approved Built-up Area: 22835.08
13.Note on the initiated work (If applicable)	19997.61 m2 (Building A (Wing A 1 + Wing A2) = P + 11, Building B (Wing B1)= P+ 11 ,(Wing B2) = P +6 Constructed)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	13400.00
16.Deductions	781.71
17.Net Plot area	8313.53
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Existing- 11330.58 m2+ Proposed- 1574.55 m2= 12905.13 m2 b) Non FSI area (sq. m.): Existing- 8667.03 m2+ Proposed- 1262.92 m2= 9929.95 m2 c) Total BUA area (sq. m.): 22835.08
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	1992.70 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	14.87 % of Total Plot Area (13400.00 m2) & 25.81 % of Net Plot Area (8313.53 m2)
21.Estimated cost of the project	416400000
22.Number of buildings & its configuration	

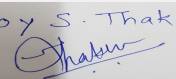
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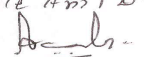
Name: K. Anil D.
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Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A(Wing A1+ Wing A2)	P + 11	36.00	
2	B(Wing B1+ Wing B2)	P + 11	36.00	
23.Number of tenants and shops		Total Tenements 172 nos.		
24.Number of expected residents / users		Residential Users- 860 nos.		
25.Tenant density per hectare		128.35		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		12.00 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		
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				

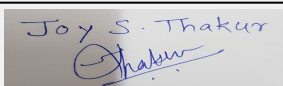
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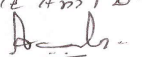
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water			PMC						
	Fresh water (CMD):			137.54 m3/day (One time)						
	Recycled water - Flushing (CMD):			38.70 m3/day						
	Recycled water - Gardening (CMD):			13.44 m3/day						
	Swimming pool make up (Cum):			3.00 m3/day						
	Total Water Requirement (CMD) :			85.40 m3/day						
	Fire fighting - Underground water tank(CMD):			274 m3						
	Fire fighting - Overhead water tank(CMD):			80 m3						
	Excess treated water			56.85 m3/day						
Wet season:	Source of water			PMC						
	Fresh water (CMD):			124.10 m3/day (One time)						
	Recycled water - Flushing (CMD):			38.70 m3/day						
	Recycled water - Gardening (CMD):			0.00 m3/day						
	Swimming pool make up (Cum):			3.00 m3/day						
	Total Water Requirement (CMD) :			85.40 m3/day						
	Fire fighting - Underground water tank(CMD):			274 m3						
	Fire fighting - Overhead water tank(CMD):			80 m3						
	Excess treated water			70.29 m3/day						
Details of Swimming pool (If any)				Dimension of Swimming Pool: Main pool: 12 x 6 x 1.2mt Kids pool: 7.7 x 2.5 x 0.6mt Balancing Tank Volume :10000ltrs Total Water Requirement in KLD: 110000 lits Make up water requirement in KLD: 2- 3 m3/day Details of Plant & Machinery used for treatment of Swimming pool water: NA Details of quality to be achieved for swimming pool water and parameters to be monitored: Capital cost: Rs. 55.00 Lakh O & M cost: Rs. 7.00 Lakh/year						
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	

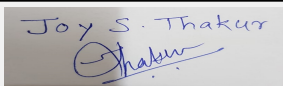

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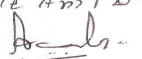
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season: - 14 m BGL , Winter Season: - 11 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	4 Nos.
	Size of recharge pits :	1.5 m x 1.5 m x1.5 m
	Budgetary allocation (Capital cost) :	Rs. 2.50 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.60 Lakh/year
	Details of UGT tanks if any :	Domestic UG tank Capacity: 130.00 m3 Flushing UG tank Capacity: 55.00 m3 Fire UG tank Capacity: 274.00 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	308.50 m3 /hr
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	108.99 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. & Capacity - 110.00 m3/day (Existing)
	Location & area of the STP:	Area = 68.16 m2
	Budgetary allocation (Capital cost):	Rs.34.85 Lakh
	Budgetary allocation (O & M cost):	Rs.2.82 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Use for Leveling.
Waste generation in the operation Phase:	Dry waste:	172.00 kg/day
	Wet waste:	258.00 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	9.80 kg/day
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Authorized vender
	Wet waste:	Organic waste convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	47.1 m2
	Area for machinery:	Included in other Area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	For OWC-150 kg/day - 1no. - 6.75 Lakh (Existing) & For OWC -150 kg/day - 2 no. - 6.75 Lakh (Proposed)
	O & M cost:	For OWC 150 kg/day - 1 no. - 1.49 Lakh/year (Existing) & For OWC -150 kg/day - 2 no. - 1.49 Lakh/Year (Proposed)

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

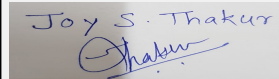
39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set - 125 KVA - 1 no.	HSD-38.3 Liters / Hr	S - 1	6.5 m	As per Norms	-

40.Details of Fuel to be used

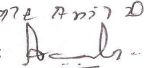
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	38.3 Liters /Hr.	NA	38.3 Liters /Hr.

41.Source of Fuel	Bharat Petroleum Corporation Limited/Hindustan Petroleum
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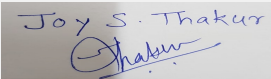
Name: K. Anil Kale
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SEAC-III)

42.Mode of Transportation of fuel to site		By roadway		
43.Green Belt Development	Total RG area :	2769.19 m2		
	No of trees to be cut :	NA		
	Number of trees to be planted :	207 nos. already planted		
	List of proposed native trees :	-		
	Timeline for completion of plantation :	Already Completed		
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	Tabebuia rosea	Pink Trumpet Tree	34	Preparations of the cortex of the tree are consumed to eliminate intestinal parasites, malaria and uterine cancer
2	Terminalia mantaly	Terminalia	42	Evergreen tree, shade giving.
3	Cassia fistula	Golden shower	05	Drought tolerant, ornamental & medicinal plant
4	Spathodea campanulata	Tuliptree, fountain tree, pichkari or nandi flame	27	The flower bud is ampule-shaped and contains water. These buds are often used by children who play with its ability to squirt the water. The sap sometimes stains yellow on fingers and clothes. The open flowers are cup-shaped and hold rain and dew, making them attractive to many species of birds.
5	Lagerstroemia indica	Crape myrtle, crepe myrtle, crepeflower	04	Flowering shrub/small tree, Low maintenance.
6	Coconut	Cocos nucifera	30	Nitrogen fixer, ornamental plant.
7	Cassia javanica	Ava cassia, pink shower, apple blossom tree	03	Drought tolerant, ornamental & medicinal plant.
8	Syzygium cumini	Jambhul	05	Fruit tree & bird attracting
9	Annona reticulata	Custard apple	03	Annona reticulata Linn. (Bullock's heart) is one of the traditionally important plant used for the treatment of various ailments. It belongs to family Annonaceae. The synonyms (Table 1) of plant are Ramphal, Bullock's heart and Custard apple.
10	Punica granatum	Pomegranate	05	Fruit tree & bird attracting.
11	Tamarindus indica	Tamarind	02	Fruit tree & bird attracting

12	Phyllanthus emblica	Amla	02	Phyllanthus Emblica. Amla (also known as Indian Gooseberry) is an important medicinal plant in ayurveda. It is known for its antioxidant, immunomodulatory, rejuvenating and anti-aging properties. These properties are found in its fruit pulp.
13	Ficus carica	Anjeer	04	Fruit tree & bird attracting
14	Mangifera indica	Mango tree	03	Evergreen & bird attracting tree
15	Citrus	Lemon	02	Fruit tree & medicinal plant
16	Psidium guajava	Guava	02	Fruit tree & bird attracting
17	Manilkara Zapota	Chikoo	04	Tropical fruit tree & bird attracting tree
18	Wodyetia bifurcata	Foxtail palm	22	Nitrogen fixer, ornamental plant
19	Peltophorum	Copperpod, yellow-flamboyant, yellow flametree, yellow poinciana or yellow-flame	02	Ornamental & flowering plant
20	Plumeria alba	White frangipani or nosegay	03	Ornamental & flowering plant
21	Plumeria singapore pink	White frangipani or nosegay	03	Ornamental & flowering plant
45.Total quantity of plants on ground				

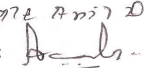
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Tecoma Gaudichaudi	-	5.95
2	White & Pink	-	11.74
3	Alternathra	-	4.51
4	Bougainvillea Pink	-	7.29
5	Mahatma Cordyline	-	12.32
6	Oleander Single pink	-	9.59
7	Spidetr Lily	-	14.55
8	Ixora Red	-	29.99
9	Pendanus	-	15.38
10	Ficus Panda	-	7.48
11	Ixora Miniature	-	25.75
12	Black Bamboo	-	21.98
13	Golden Bottle Brush	-	40.13
14	Tagar Variegated	-	23.55
15	Spider lily golden	-	13.42
16	Hibiscus Orange	-	40.13
17	Plueria Pudica	-	14.65
18	Giant Spider Lily leaves	-	4.35
19	Acalypha Holland Red	-	9.99
20	Ixora Yellow	-	14.36


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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	82.5 KVA - 1no.
	During Operation phase (Connected load):	810 KW
	During Operation phase (Demand load):	729 KVA
	Transformer:	630 KVA - 2 nos.
	DG set as Power back-up during operation phase:	125 KVA - 1 no.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

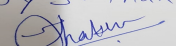
- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches will be provided for Street lights, Garden lights, Parking & staircase Lights & other common area Lights, for saving electrical energy.
- Water level controllers with timers will be used for Water pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED lights.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Lobby & staircase	7.36 KW
2	Parking, Meter room, Pump room etc.	0.64 KW
3	External Lighting Street Light	0.69 KW
4	Above Podium landscape Lighting	0.94 KW
5	Lifts with V3F drive and Regenrative type	64.00 KW
6	Club House and other Misc AC Load with VRF	13.65 KW
7	Use of Capacitors for Pumping machinery	66.32 KW
8	STP	15.00 KW

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	We have planted 207nos. of trees on site	-
Water	STP is installed & excess treated water is used for flushing & gardening	-

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Noise	Acoustically enclosed DG set is installed.	Noise monitoring will be done in once a fortnight.
Solid Waste	Wet waste is treated in Existing OWC & Dry waste is handed over to Authorized Vendor.	For Proposed development, Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 56.06 Lakh
	O & M cost:	Rs. 1.90 Lakh/year

51.Environmental Management plan Budgetary Allocation

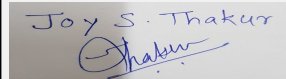
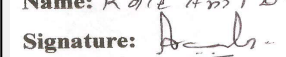
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

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 (110.00 m3/day)	Sewage Treatment Plant	Rs. 34.85 Lakh	Rs. 2.82 Lakh/Year
2	RWH	Rainwater Harvesting	Rs. 2.50 Lakh	Rs. 0.60 Lakh/Year
3	OWC (150 kg/day) - 1 no.(Existing)	Organic Waste Converter	Rs. 6.75 Lakh	Rs.1.49 Lakh/Year
4	OWC (150 kg/day) - 2 no.(Proposed)	Organic Waste Converter	Rs. 6.75 Lakh	Rs.1.49 Lakh/Year
5	Solar System	Solar System	Rs. 56.06 Lakh	Rs. 1.90 Lakh/Year
6	Swimming Pool	Swimming Pool	Rs. 55.00 Lakh	Rs. 7.00 Lakh/Year
7	Landscaping	Landscaping	Rs. 13.94 Lakh	Rs. 0.40 Lakh/Year
8	Safety Equipment	Safety Equipment	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
9	Post EC Monitoring	Post EC Monitoring	-	Rs. 2.50 Lakh/Year
10	Dry Waste Management	Dry Waste Management	-	Rs. 0.10 Lakh/Year

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 21 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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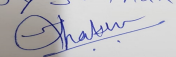
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

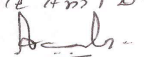
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 no.& Area of Podium - 1507.66 m2
	Total Parking area:	7596.20 m2
	Area per car:	39.56 m2
	Area per car:	39.56 m2
	Number of 2-Wheelers as approved by competent authority:	403
	Number of 4-Wheelers as approved by competent authority:	192
	Public Transport:	NA
	Width of all Internal roads (m):	6 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	-

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Name: K. Anil Kale


Shri. Anil Kale (Chairman
SEAC-III)

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 13400 m², FSI area of 12905.13 m², Non FSI area of 9929.95 m² and total BUA of 22835.08 m².

The building configuration of the proposal is as below:

Building A (Wing A1 & A2) (Height 35.60 m): P+11 Floors

Building B (Wing B1 & B2) (Height 35.60 m): P+11 Floors

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

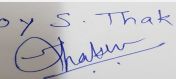
PP has satisfactorily complied with the points raised in 91st meeting of SEAC-3.

SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

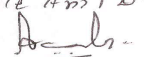
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02

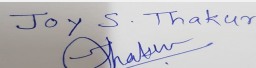
SEAC Meeting number: 97 Meeting Date November 6, 2019

Subject: Environment Clearance for Application for Terms of reference for expansion of Residential cum commercial construction project Sara City

Is a Violation Case: No

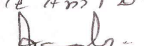
1.Name of Project	Sara City
2.Type of institution	Private
3.Name of Project Proponent	Sara Builders & Developers
4.Name of Consultant	Not yet appointed
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC vide number 00000000363 dated 15/06/2018 and local EC for plot C & D
8.Location of the project	Gat No. 137,138,139,140,141,142, 143,144,145,150,152,153,154,155,156,157,184, 187, 188,189,454,455, 456,458,459,460 Kharabwadi, Chakan, Tal. Khed, Pune
9.Taluka	Khed
10.Village	Kharabwadi
Correspondence Name:	Mr. Rupesh Agrawal
Room Number:	0
Floor:	0
Building Name:	Sara City
Road/Street Name:	Chakan Talegaon Road
Locality:	Kharabewadi chakan
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area:
13.Note on the initiated work (If applicable)	Work started as per previous EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1,60,407.06 sqm
16.Deductions	272738.10 sqm
17.Net Plot area	1,12,331.04 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,76,302.62 b) Non FSI area (sq. m.): 89756.32 c) Total BUA area (sq. m.): 266059
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Plot A & B: 73922.24 sqm Plot C & D: 48681.07 sqm Approved Non FSI area (sq. m.): Plot A & B: 39344.17 sqm Plot C & D: 20312.71 sqm Date of Approval: 30-01-2019
19.Total ground coverage (m2)	34307.83
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25
21.Estimated cost of the project	2925500000

22.Number of buildings & its configuration

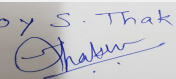

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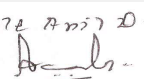
Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A1 : 1 no. (Existing)	P+11	34.8 m
2	Building A2: 1 no. (Existing)	P+11	34.8 m
3	Building B1: 1 no. (Existing)	P+7	22.7 m
4	Building B2: 1 no. (Existing)	P+7	22.7 m
5	Building B3: 1 no. (Existing)	P+7	22.7 m
6	Building B4: 1 no. (Existing)	P+7	22.7 m
7	Building B5: 1 no. (Existing)	P+7	22.7 m
8	Building B6: 1 no. (Existing)	P+7	22.7 m
9	Building B7: 1 no. (Existing)	P+7	22.7 m
10	Building B8: 1 no. (Existing)	P+7	22.7 m
11	Building B9: 1 no. (Existing)	P+8	25.6 m
12	Building B10: 1 no. (Existing)	P+11	36 m
13	Building D1: 1 no. (Existing)	P+6	20.15 m
14	Building D5: 1 no. (Existing)	P+6	20.15 m
15	Building D2 & D6: 1 no. (Existing)	P+6	20.15 m
16	Building D3 & D7: 1 no. (Existing)	P+6	20.15 m
17	Building D4 & D8: 1 no. (Existing)	P+6	20.15 m
18	Building D4A & D18 & D19: 1 no. (Existing)	P+6	20.15 m
19	Building D15: 1 no. (Existing)	P+6	20.15 m
20	Building D16: 1 no. (Existing)	P+6	20.15 m
21	Building D17: 1 no. (Existing)	P+6	20.15 m
22	Building D14 & D13 & D10 A: 1 no. (Existing)	Building D14 & D13 : P+6 & Building D 10A: P+4	Building D14 & D13 : 20.15 m; Building D 10A: 14.4 m
23	Building D9 & D11: 1 no. (Existing)	P+6	20.15 m
24	Building D10& D12: 1 no. (Existing)	P+6	20.15 m
25	Building D10& D12: 1 no. (Existing)	P+6	20.15 m
26	Building D10& D12: 1 no. (Existing)	P+6	20.15 m
27	Building D10& D12: 1 no. (Existing)	P+6	20.15 m
28	Clubhouse: 3 no. (Existing)	G+1	7.0 m
29	Building A3: 1 no. (Proposed)	G+8	28.70 m
30	Building A4: 1 no. (Proposed)	G/P+8	25.80 m
31	Building A5: 1 no. (Proposed)	P+ 8	25.80 m
32	Building A6: 1 no. (Proposed)	P + 8	25.80 m
33	Building A7: 1 no. (Proposed)	P+8	25.80 m
34	Building A8: 1 no. (Proposed)	P+8	25.80 m
35	Building A9: 1 no. (Proposed)	P + 8	25.80 m
36	Building A10: 1 no. (Proposed)	P + 8	23.60 m
37	Building A11: 1 no. (Proposed)	P + 8	23.60 m
38	Building A12: 1 no. (Proposed)	P + 8	25.80 m

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

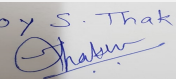
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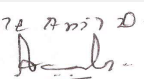
39	Building A13: 1 no. (Proposed) Comm	G+ 8	27.45 m
40	Building A14: 1 no. (Proposed)	P + 8	25.80 m
41	Building A14: 1 no. (Proposed)	P + 8	25.80 m
42	S1 commercial building	G+ 1	7.8 m
43	S2 commercial building	G + 1	7.8 m
44	S3 commercial building	G+1	7.8 m
45	S4 commercial building	G+1	7.8 m
46	S5 commercial building	G+0	4.5 m
47	S6 commercial building	G+0	4.5 m
48	Building C1: 1 no. (Proposed)	P + 8	26.70 m
49	Building C2: 1 no. (Proposed)	P + 8	26.70 m
50	Building C3: 1 no. (Proposed)	P + 8	26.70 m
51	Building C4: 1 no. (Proposed)	P + 8	26.70 m
52	Building C5: 1 no. (Proposed)	P + 8	26.70m
53	Building C6: 1 no. (Proposed)	P + 8	26.70 m
54	Building C7: 1 no. (Proposed)	P + 8	26.70 m
55	Building C8: 1 no. (Proposed)	P + 8	26.70 m
56	Building C9: 1 no. (Proposed)	P + 8	26.70 m
57	Building C10: 1 no. (Proposed)	P + 8	26.70 m
58	Building C11: 1 no. (Proposed)	P + 8	26.70 m
59	Club House (2) (Proposed)	G + 1	7.2 m
60	Building 1 to 6 (28 row houses)	G + 1	7.2 m
61	Amenity building - commercial	G + 6	m
62	Commercial S 7	G + 1	7.8 m

23.Number of tenants and shops	4254 + shops and offices
24.Number of expected residents / users	Residential: 21270 Commercial: 3166
25.Tenant density per hectare	250
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 m and 30 m
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	Residential buildings, services, convenient shops and club house constructed. In plot C8, C9, C10, C11, C12, C13 are under construction

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30.Details of the demolition with disposal (If applicable)	Not applicable
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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

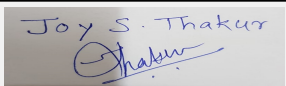
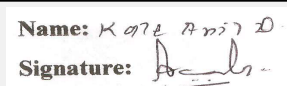
32.Total Water Requirement

Dry season:	Source of water	Kharabwadi Gram panchayat
	Fresh water (CMD):	1991
	Recycled water - Flushing (CMD):	1018
	Recycled water - Gardening (CMD):	116 KLD
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	3115
	Fire fighting - Underground water tank(CMD):	325 KLD
	Fire fighting - Overhead water tank(CMD):	10 KLD for buildings upto 24 m height & 20 KLD for buildings upto 70 m height
	Excess treated water	1351
Wet season:	Source of water	Kharabwadi Gram panchayat
	Fresh water (CMD):	1991
	Recycled water - Flushing (CMD):	1018
	Recycled water - Gardening (CMD):	0 KLD
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	3009
	Fire fighting - Underground water tank(CMD):	325 KLD
	Fire fighting - Overhead water tank(CMD):	10 KLD for buildings upto 24 m height & 20 KLD for buildings upto 70 m height
	Excess treated water	1467

Details of Swimming pool (If any)	Not applicable
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33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	666	1325	1991	67	132	199	600	1193	1793
34.Rain Water Harvesting (RWH)	Level of the Ground water table:		Pre Monsoon -10.5 meter Post Monsoon- 4.70 meter						
	Size and no of RWH tank(s) and Quantity:		Not applicable						
	Location of the RWH tank(s):		Not applicable						
	Quantity of recharge pits:		16						
	Size of recharge pits :		2*2*2meter filter pit with 0.160 Diameter and 60 meter deep bore well 1*1*1 meter collection chamber						
	Budgetary allocation (Capital cost) :		Rs 5,46,000/-						
	Budgetary allocation (O & M cost) :		Rs 80,000/- per annum						
	Details of UGT tanks if any :		Domestic UGT: Existing: 1001 KLD; Proposed: 2156KLD Flushing UGT: Existing:507 KLD; Proposed: 1108 KLD Fire UGT: Existing: 225 KLD; Proposed: 100 KLD						
35.Storm water drainage	Natural water drainage pattern:		As per contour						
	Quantity of storm water:		12548.77 cum/day						
	Size of SWD:		900 mm						
Sewage and Waste water	Sewage generation in KLD:		3066 KLD						
	STP technology:		MBBR						
	Capacity of STP (CMD):		Existing STP I: For plot A : 790 KLD , STP II : For Plot B and D : 575 KLD will extend to 640 KLD, STP III : For Building B10 : 136 KLD, STP IV: Proposed : for Plot C: 1070 KLD STP V: Amenity : 80 KLD						
	Location & area of the STP:		Please refer layout Area: 1330 sqm						
	Budgetary allocation (Capital cost):		705.20 /-lakhs						
	Budgetary allocation (O & M cost):		57.30 /- lakhs						
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:		1 % of raw material						
	Disposal of the construction waste debris:		For back filling						
Waste generation in the operation Phase:	Dry waste:		4761 kg/day						
	Wet waste:		6772 kg/day						
	Hazardous waste:		Not applicable						
	Biomedical waste (If applicable):		Not applicable						
	STP Sludge (Dry sludge):		740 kg/day						
	Others if any:		E-waste: 13803 Kg/year						

Mode of Disposal of waste:	Dry waste:	Authorized vendor
	Wet waste:	Mechanical composter
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	Not applicable
Area requirement:	Location(s):	Please refer layout
	Area for the storage of waste & other material:	383 sqm
	Area for machinery:	124 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	143 lakhs
	O & M cost:	32.96 lakhs p.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7.1-7.5	6.5-7.5	Not applicable
2	BOD	mg/l	250-300	<10	not to exceed 10
3	COD	mg/l	300-400	<30	not to exceed 100
4	TSS	mg/l	350-450	<5	not to exceed 50
5	Fecal coliform	MPN/100 ml	10000000	Nil	Not applicable
6	Total oil and grease	mg/l	10	<5	Not applicable
7	Total nitrogen	mg/l	40-50	<10	Not applicable
8	Phosphates	mg/l	10-50	<5	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 sent to the CETP: Not applicable

Membership of CETP (if require): Not applicable

Note on ETP technology to be used Not applicable

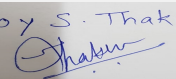
Disposal of the ETP sludge Not applicable

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

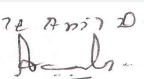
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
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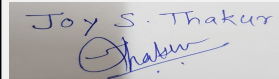
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1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Details of Fuel to be used						
Serial Number	Type of Fuel	Existing	Proposed	Total		
1	Not applicable	Not applicable	Not applicable	Not applicable		
41.Source of Fuel		Not applicable				
42.Mode of Transportation of fuel to site		Not applicable				
43.Green Belt Development	Total RG area :	13217.69 sqm				
	No of trees to be cut :	0				
	Number of trees to be planted :	1652				
	List of proposed native trees :	As per below list				
	Timeline for completion of plantation :	3 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	Manikara zapota	Chikoo	37	Tropical fruit tree & bird attracting tree		
2	Michelia champaca	Champa	37	Evergreen timber plant, ornamental		
3	Mimusopes elengi	Bakul	37	Evergreen tree, timber yielding and medicinal plant		
4	Ficus benamina	Weeping fig	37	Evergreen & bird attracting tree		
5	Cassia fistula	Golden shower	37	Drought tolerant, ornamental & medicinal plant		
6	Butea monosperma	Flame tree	37	Used in pesticide & dye preparation		
7	Cassia grandis	Pink shower	37	Drought tolerant, ornamental & medicinal plant		
8	Saraca indica	Sita Ashok	37	Evergreen medicinal plant		
9	Roystonea regia	Royal Palm	37	Nitrogen fixer, ornamental plant		
10	Syzygium cumini	Jambhul	37	Fruit tree & bird attracting		
11	Neolamarkia cadamba	Kadamba tree	30	Tropical fruit tree & bird attracting tree		
12	Mangifera indica	Mango	35	Evergreen & bird attracting tree		
13	Pongamia pinnata	Karanj	37	Karanj is an important ayurvedic medicine		
14	Phyllanthus officinalis	Awala	37	Evergreen medicinal and fruit plant		
15	Psidium Guajava	Peru	37	Fruit bearing tree		
16	Azadirachta Indica	Neem	37	Medicinal plant		
17	Albizia lebbeck	Shirish	37	Evergreen timber plant, ornamental		

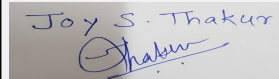

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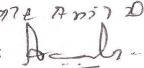
Name: K. Anil D.
Signature: [Signature]
Shri. Anil Kale (Chairman SEAC-III)

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			
Power requirement:	Source of power supply :	MSEDCL	
	During Construction Phase: (Demand Load)	75 KW	
	DG set as Power back-up during construction phase	75 KVA	
	During Operation phase (Connected load):	Existing: 3598 KW Proposed 8583 KW	
	During Operation phase (Demand load):	Existing: 2928 KW Proposed: 6015 KW	
	Transformer:	Existing: 630 KVA X 1 and 400 KVA X 1 Proposed: 630 KVA X 12	
	DG set as Power back-up during operation phase:	Existing: 130 KVA (1), 160 KVA(1), 50 KVA (1), 180 KVA (1) Proposed : 160 KVA (4), 125 KVA (1)	
	Fuel used:	Diesel	
	Details of high tension line passing through the plot if any:	Not applicable	
48.Energy saving by non-conventional method:			
1. Auto timer control for external & common lighting 2. Use of LED lamps in all public and common area 3. Solar powered water heating 4. Electronic V3F drives for elevators 5. Solar PV panel power for common area lightening			
49.Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures	Saving %	
1	Solar PV panels	130500 KWH/annum	
2	Timer logic controller	261015 KWH/annum	
3	Electronic V3F drive for lifts	120897 KWH/annum	
4	Solar water hot water system	923200 KWH/annum	
50.Details of pollution control Systems			
Source	Existing pollution control system	Proposed to be installed	
Water pollution	STP	STP	
Solid waste management	OWC	OWC	
Noise due to DG set	Acoustic enclosure to DG set	Acoustic enclosure to DG set	


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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	362.15 Lakhs
	O & M cost:	12.3 lakhs p.a.

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression measures and barricading	12,00,000/-
2	Site safety	Safety nets, safety equipments, sign boards for workers	Rs 7,00,000/-
3	Site sanitation	Mobile toilets and maintainance	Rs 6,00,000/-
4	Disinfection and health check up	Disinfection of water and surroundings and periodic health check up of workers	Rs 5,00,000/-
5	Environmental monitoring	Air, water, soil, noise monitoring	Rs 2,00,000/-

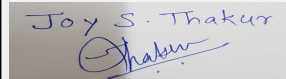
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Installation and operation including external drainage connection	705.20	57.30
2	Rain water harvesting	Internal pipings	5.46	0.80
3	Rain water harvesting	Internal pipings	5.46	0.80
4	Solid waste management	OWC-installation and operation	143	32.96
5	Landscape	Planting trees and lawn and its maintenance	53.5	1.5
6	Energy	Installation and operation	362.15	12.30
7	Energy	Installation and operation	362.15	12.30

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

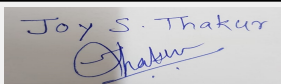
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

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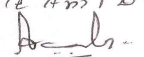
No Information Available		
53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	27837 sqm
	Area per car:	Open : 25 sqm; covered: 30 sqm
	Area per car:	Open : 25 sqm; covered: 30 sqm
	Number of 2-Wheelers as approved by competent authority:	6112
	Number of 4-Wheelers as approved by competent authority:	928
	Public Transport:	Not applicable
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Category 8 (a) B1
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	04-08-2016
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	

Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
PP remained absent . The proposal was deferred.	
DECISION OF SEAC	
PP remained absent . The proposal was deferred.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEIAA decision above.	

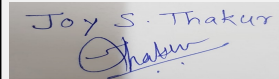

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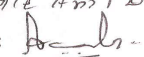
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Project by M/s Waghere Promoters	
Is a Violation Case: Yes	
1.Name of Project	"ManikBaug Orchid"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sandeep Waghere
4.Name of Consultant	M/s. JV Analytical Services
5.Type of project	Residential & Commercial
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	NEW project
8.Location of the project	S. No. 109/1, 110/1, cts no 6369, Pimpri, nehru nagar, Pune.
9.Taluka	Haveli
10.Village	Pimpri, nehru nagar
Correspondence Name:	Manik Waghere
Room Number:	-
Floor:	-
Building Name:	Raghu Nandan Niwas
Road/Street Name:	Tapovan Mandir Road
Locality:	Pimpri
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: - Approved Built-up Area: 47838.29
13.Note on the initiated work (If applicable)	30611.47m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	19100 m2
16.Deductions	3743.50 m2
17.Net Plot area	15356.50 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 25,010.24 m2 b) Non FSI area (sq. m.): 22828.05 m2 c) Total BUA area (sq. m.): 47838.29
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 21,008.52 m2 Approved Non FSI area (sq. m.): 19,406.54 m2 Date of Approval: 23-08-2013
19.Total ground coverage (m2)	3586.33 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.35 % Net Plot Area (15356.50 m2) 18.78% Total Plot Area (19100 m2)
21.Estimated cost of the project	900000000
22.Number of buildings & its configuration	


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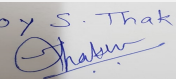
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A1	P+12	39.00
2	Building A2	P+12	39.00
3	Building B	P+12	39.00
4	Building C	P+11	36.00
5	Building D	P+11	36.00
6	Building E	P+11	36.00
7	Building F	P+11	33.00
8	Commercial 1809.80 m2	G + 4	6.00

23.Number of tenants and shops	For Residential- 355 Nos. Commercial Area - 1809.80 m2 Shop - 11 Nos & Offices - 36 Nos.
24.Number of expected residents / users	Residential Users: 1775 nos. Commercial Users: 356 nos. Total Population : 2131 nos.
25.Tenant density per hectare	185
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	7.5 m
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	Not Applicable
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

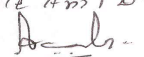
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

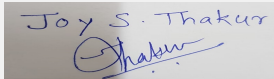
Joy S. Thakur

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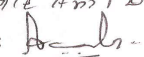
Name: K. Anil Kale
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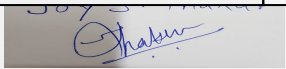
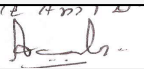
Dry season:	Source of water	Pimpri-Chinchwad Municipal Corporation								
	Fresh water (CMD):	287.52 m3/day								
	Recycled water - Flushing (CMD):	88.77 m3/day								
	Recycled water - Gardening (CMD):	22.88 m3/day								
	Swimming pool make up (Cum):	4 m3/day								
	Total Water Requirement (CMD) :	175.87 m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3								
	Fire fighting - Overhead water tank(CMD):	-								
	Excess treated water	122.91 m3/day								
Wet season:	Source of water	Pimpri-Chinchwad Municipal Corporation								
	Fresh water (CMD):	264.64 m3/day								
	Recycled water - Flushing (CMD):	88.77 m3/day								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	4 m3/day								
	Total Water Requirement (CMD) :	175.87 m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3								
	Fire fighting - Overhead water tank(CMD):	-								
	Excess treated water	145.79m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: Main Pool=193.55 m 2 , Depth =1.25 m Kid Pool =34.47 m 2 , Depth= 0.49 m Total water Requirement in KLD: 93.5 m3 Water requirement in KLD: 4 m3/day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: • Capital Cost - Rs 17.81 Lakh • O& M Cost- Rs 2.16 Lakh/Year									
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	


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 19.40 m. to 25.00 m. BGL. (i.e. Around 22.20 m. BGL) Rainy Season - 7.00 m. to 12.40 m. BGL. (i.e. Around 9.70 m. BGL) Winter Season - 13.20 m. to 18.70 m. BGL. (i.e. Around 15.95 m. BGL
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	7 Nos
	Size of recharge pits :	2.0 m. X 2.0 m. X 2.0 m. Depth with 6" Dia. 60 m. Deep Bore Wells.via 2 No. of de-siltation pits of 0.9 X 0.6 X 1.0 m. size.
	Budgetary allocation (Capital cost) :	Rs 7.00 lakh
	Budgetary allocation (O & M cost) :	Rs. 0.50 lakh / year
	Details of UGT tanks if any :	Domestic UG tank Capacity :250.30 m3 Flushing UG tank Capacity : 115 m3 Fire UG tank Capacity : - 300 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	8,848.93 m3/ Year
	Size of SWD:	450 mm wide
Sewage and Waste water	Sewage generation in KLD:	234.56 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	240 m3/day
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs. 64 lakh
	Budgetary allocation (O & M cost):	Rs. 13.38 lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Excavated earth material will be used for filling of plinth area & top soil for landscaping
Waste generation in the operation Phase:	Dry waste:	408 kg/day
	Wet waste:	569 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	30 kg/day (100% dry)
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic waste convertor
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	Not Applicable
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	-
	Area for machinery:	12m x 5m = 60 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 15.75 lakh
	O & M cost:	Rs 3.33 lakh/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 sent 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

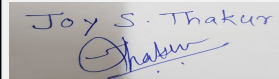
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	D.G. Set- 200 KVA	43 Lit (100% Load)	S-1	6.8 Meter	As per norms	As per norms
2	D.G. Set- 62.5 KVA	13.7Lit (100% Load)	S-2	5.58 Meter	As per norms	As per norms

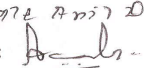
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	43 Lit	To be provide
2	HSD	Not applicable	13.7Lit	To be provide

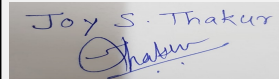

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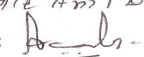
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

41.Source of Fuel		Bharat Petroleum corporation limited/Hindustan Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		
43.Green Belt Development	Total RG area :	2041.45 m2		
	No of trees to be cut :	Not Applicable		
	Number of trees to be planted :	405 nos.		
	List of proposed native trees :	405 nos.		
	Timeline for completion of plantation :	Mid 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	Ailanthus excelsa	Maharukh	15	Medicinal value, Drought tolerant species
2	Albizia lebek	Shirish	20	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds)
3	Anthocephalus kadamba	Kadamb	20	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	20	Medicinal value, To control soil erosion. To improve soil erosion
5	Bauhinia blackiana	Kanchanraj	20	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	16	Every part of the plant is medicinal ,Drought tolerant species
7	Butea monosperma	Palas	17	Medicinal value, Bird attracting species , To control soil erosion.
8	Cassia fistula	Bahawa	12	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
9	Elaeocarpus sphaericus	Rudraksh	16	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	16	Medicinal value, Edible fruits
11	Dalbergia sissoo	Shisav	15	Medicinal value, Bird attracting species ,
12	Ficus arnottiana	Payar	12	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomerata	Umber	12	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	12	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.


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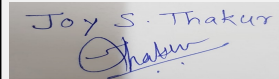
15	Phyllanthus emblica	Awala	12	Medicinal value, To control soil erosion.
16	Mangifera indica	Mango	14	Edible fruit, Bird attracting species
17	Michelia champaca	Sonchaffa	14	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Pongamia pinnata	Karanj	12	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
19	Saraca indica	Sita-ashok	12	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	12	Medicinal value, Edible fruit
21	Azadirachta indica	Neem	09	Medicinal value, To control soil erosion. To improve soil erosion
22	Bahunia racemosa	Apta	10	Every part of the plant is medicinal, Drought tolerant species.
23	Caryota urens	Fishtail palm	09	Grown in any type of soil. Very Hardy.
24	Citrus species	Lemon	06	Medicinal value, Edible fruit.
25	Dalbergia sissoo	Shisav	09	Medicinal value, Bird attracting species ,
26	Erythrina indica	Pangara	07	Fragrant flowers, Drought tolerant species, Birds attracting
27	Gmelina arborea	Shivan	08	Medicinal value, Drought tolerant species, Bird attracting species.
28	Mimosops elengii	Bakul	08	Fragrant flowers, Medicinal value, To control soil erosion.
29	Murraya koengii	Kadipatta	10	Medicinal value, Edible leaves
30	Aegle marmelos	Bel	08	Medicinal value, Drought tolerant species
31	Nyctanthus arborescens	Parijatak	08	Fragrant flowers, Medicinal value,
32	Putranjiva roxburghii	Putranjiva	08	Medicinal value, Drought tolerant species,
33	Phoenix roebelenii	Date palm	06	Ornamental plant, Medicinal value, Birds & bats eat fruits.

45.Total quantity of plants on ground

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

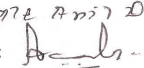
Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy


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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA - 1 No.
	During Operation phase (Connected load):	1847 KW
	During Operation phase (Demand load):	1642 KVA
	Transformer:	22 KV/630 KVA - 3 No.
	DG set as Power back-up during operation phase:	200 KVA - 1 No. & 62.5 KVA - 1 No.
	Fuel used:	HSD -56.7 Lit. @ (100% Load)
	Details of high tension line passing through the plot if any:	NO

48. Energy saving by non-conventional method:

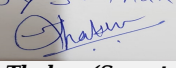
- Solar Water Heating Systems Will Be Done For Bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.
- Water Level Controllers With Timers will be Used for Water Pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED Lights.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	1) 1) LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	15935.46 KWH
2	2.1) Bollard Lighter - Light Fitting For Landscape Area.	584 KWH
3	2.2) Recesses Wall Light. - Light Fitting For Landscape Area.	275.94 KWH
4	2.3) Planter Of Lighter - Light Fitting For Landscape Area.	289.08 KWH
5	3.1) Solar Street Light Fitting - Pole Light On Road Side.	1971 KWH
6	3.2) Street Light on the Bldg.	5299.8 KWH
7	4) Energy Saving by Solar Hot Water System	320625 KWH

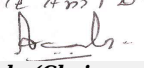
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.

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Water	STP is installed & excess treated water used for flushing & gardening	-
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 58.90 Lakh
	O & M cost:	Rs 1.35 Lakh / year

51.Environmental Management plan Budgetary Allocation

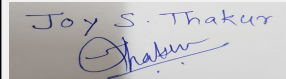
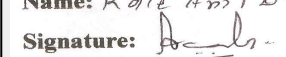
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

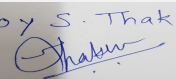
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Capacity 240 m3/day	Rs.64.00 Lakh	Rs.13.38 Lakh / Year
2	RWH	-	Rs.7.00 Lakh	Rs 0.50 Lakh / Year
3	MSW	Capacity - 500 kg/day	Rs.15.75 Lakh	Rs.3.33 Lakh / Year
4	Solar System	-	Rs.58.90 Lakh	Rs.1.35 Lakh / Year
5	Landscaping	-	Rs.50.00 Lakh	Rs. 8.05 Lakh / Year
6	Safety Equipments	-	Rs 10.00 Lakh	Rs 2.0 Lakh /Year
7	Swimming Pool	-	Rs.17.81 Lakh	Rs.2.16 Lakh / Year
8	Post EC Monitoring	-	-	Rs.2.50 Lakh / Year
9	Dry Waste Management	-	-	Rs.2.13 Lakh / Year

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

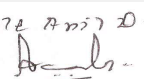
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 44 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point 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:	Not Applicable					
Parking details:	Number and area of basement:	Not Applicable					
	Number and area of podia:	-					
	Total Parking area:	9912.8 m2					
	Area per car:	45.68m2					
	Area per car:	45.68m2					
	Number of 2-Wheelers as approved by competent authority:	831 nos.					
	Number of 4-Wheelers as approved by competent authority:	217 nos.					
	Public Transport:	Not Applicable					
	CRZ/ RRZ clearance obtain, if any:	Not Applicable					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable					
	Category as per schedule of EIA Notification sheet	B2					
	Court cases pending if any	YES					
	Other Relevant Informations	-					

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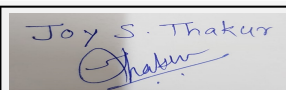
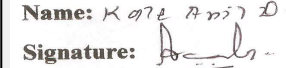
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	26-06-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 46 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 19100.00 m², FSI area of 25010.24 m², Non FSI area of 23310.85 m² and total BUA of 48321.09 m².

The building configuration of the proposal is as below:

Building A1 (Height 39 m): P+12

Building A2 (Height 39 m): P+12

Building B (Height 39 m): P+12

Building C (Height 36 m): P+11

Building D (Height 36 m): P+11

Building E (Height 36 m): P+11

Building F (Height 33 m): P+11

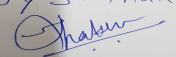
Commercial Building (Height- 6 m)- G+4

PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. PP informed that the total constructed area on site is: 30611.47 m².

PP was issued Terms of Reference in 84th SEAC-3 meeting for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP). Accordingly, PP has submitted Environment Impact Assessment (EIA) and Environment Management Plan (EMP).

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

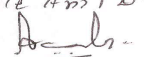
DECISION OF SEAC

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Signature: 

Shri. Anil Kale (Chairman
SEAC-III)

During discussion following points emerged:

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.9 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.9 Cr for the project completion period.

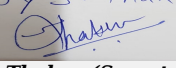
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.9 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.9 Cr for the project completion period.

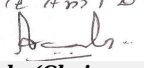
FINAL RECOMMENDATION

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

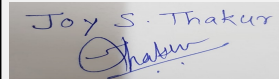
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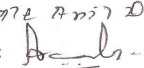
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for "Bella Casa"	
Is a Violation Case: No	
1.Name of Project	"Bella Casa"
2.Type of institution	TOR
3.Name of Project Proponent	Shri Vinay Kalbhor of M/s. Rachana Life Spaces & Shri Nitin Bhanagay of Rachana Developers
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Residential and Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance obtained vide letter SEIAA-EC-0000000296 dated May 14, 2018 for built-up area of 76236.72 m2
8.Location of the project	"Bella Casa" S. No.42/2, 42/43/44(P) & 43/1(P) of village - Sus, Taluka Mulshi, Dist.-Pune, State - Maharashtra.
9.Taluka	Mulshi
10.Village	Sus
Correspondence Name:	Shri Nitin Bhanagay
Room Number:	1229/B
Floor:	3rd floor
Building Name:	Rachana house
Road/Street Name:	FC road
Locality:	Deccan Gymkhana
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Status: IOD approval in process with proposed FSI- 86,613.70 m2, Non FSI - 80,726.19 m2 & Total Built up = 1,67,339.89 m2 IOD/IOA/Concession/Plan Approval Number: Last Plan approval No.CC: BMU/858/18-19 dated 11/12/2018. Approved Built-up Area: 62006.53
13.Note on the initiated work (If applicable)	Construction initiated on site as per the EC mentioned in Sr. No. 7 above
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	63,850.00 m2
16.Deductions	14,248.76 m2 (road and Amenity)
17.Net Plot area	49,601.24 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 86,613.70 m2 b) Non FSI area (sq. m.): 80,726.19 m2 c) Total BUA area (sq. m.): 167339.89
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 62,006.53 m2 Approved Non FSI area (sq. m.): 60332.57 m2 Date of Approval: 11-12-2018
19.Total ground coverage (m2)	16938.24 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34% on net plot area.
21.Estimated cost of the project	2389800000


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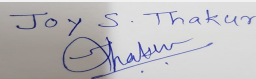
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22.Number of buildings & its configuration

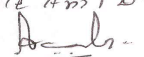
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	EXISTING	-	-
2	Building C + C-commercial	LG + UG +11	37.60
3	Building D & E	P +07	23.85
4	Building F	P+11	35.90
5	Building G	P+11	35.90
6	Building H	P+11	35.90
7	Building J	P+11	35.90
8	Building K	LG + UG +12	40.50
9	Building L	LG + UG +12	40.50
10	Building M	LG + UG +12	40.50
11	PROPOSED	-	-
12	Building A-	3P +16	55.99
13	Building B-& B Commercial	4P +15 & Gr + Mezz. Shops + 2P +15	55.95
14	Building N1 + N2	4P + 15	55.95
15	Building O	4P + 15	55.95
16	Building Q	P +06	20.70
17	Bungalow	P +02	9.10
18	Commercial 1	P + Gr. + 03	14.85
19	Commercial 2	P+1st +2nd + 3P +12	55.99

23.Number of tenants and shops	Residential Tenements =1027 + 7 shops in C building. +5 shops in B building.+ Commercial-1 building 10 shops & 27 Offices + Commercial-2 building 2 show rooms and 48 offices. Proposed Commercial Bldg. - 12 shops & 11 Offices
24.Number of expected residents / users	6901Nos.
25.Tenant density per hectare	135 Tenement /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))	6.0 m wide internal driveway and 30 m wide access road (Nearest Fire Station at Pashan 4.6 km away).
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9M
29.Existing structure (s) if any	As per earlier EC Building C, D + E, F, G, H, J, K, L, M and Club House 2 & 3 are completed. Total construction Built up approved area = 76,236.72 m2


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30.Details of the demolition with disposal (If applicable)	NA
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31.Production Details

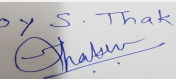
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	PMRDA
	Fresh water (CMD):	512
	Recycled water - Flushing (CMD):	269
	Recycled water - Gardening (CMD):	48
	Swimming pool make up (Cum):	09
	Total Water Requirement (CMD) :	838
	Fire fighting - Underground water tank(CMD):	300000 Ltr. Existing + 50000 Ltr for Commercial1+200000 Ltr for Commercial2 & 300000 Ltr for proposed Residential Buildings or as per Provisional Fire NOC
	Fire fighting - Overhead water tank(CMD):	180000 Ltr. Existing + 120000 Ltr For proposed Buildings.
	Excess treated water	316 m3/day
Wet season:	Source of water	PMRDA
	Fresh water (CMD):	512
	Recycled water - Flushing (CMD):	269
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	09
	Total Water Requirement (CMD) :	790
	Fire fighting - Underground water tank(CMD):	300000 Ltr. Existing + 50000 Ltr for Commercial1+200000 Ltr for Commercial2 & 300000 Ltr for proposed Residential Buildings or as per Provisional Fire NOC
	Fire fighting - Overhead water tank(CMD):	180000 Ltr. Existing + 120000 Ltr For proposed Buildings.
	Excess treated water	364 m3/day
Details of Swimming pool (If any)	Kids Pool :2.40 x 3.0 m Main Pool: Existing 9.15 m x 18.66 m & proposed 6.32 x 15.82	

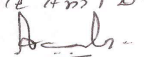
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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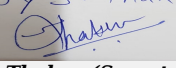
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	290	222	512	29	22	51	261	200	461
Domestic	147	122	269	15	12	27	132	110	242
Gardening	35	13	48	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 15 Mtr.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Existing 8 + Proposed 6 =14 Nos.
	Size of recharge pits :	8 Nos. 1.50mx3.0mx1.50m & 6 nos. 2.0mx2.0mx2.0m.
	Budgetary allocation (Capital cost) :	Rs.6.30 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.60 Lakhs /annum
	Details of UGT tanks if any :	•Domestic UG tank Capacity: 650 m3 •Flushing water tank: 403 m3 •Raw Water Tank :162 m3

35.Storm water drainage	Natural water drainage pattern:	Slope from East to West
	Quantity of storm water:	1.26 m3/ Sec.
	Size of SWD:	External :- 900 mm, Internal :- 600 mm

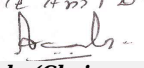
Sewage and Waste water	Sewage generation in KLD:	703 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	Total 4 Nos. (Existing: 1 NO. 285 m3/day) + (Proposed: 1 No. 08 m3/day +1 No. 55m3/day + 1 No. 355 m3/day.) And Existing 70 m3/day (will be merged with 355 KLD STP)
	Location & area of the STP:	On ground, Total Area is 379.80 m2 Existing: 285 m3/day= 116.40 m2, 70 m3/day=52.50 m2 Proposed: 08 m3/day = 38.40 m2, 55m3/day=42.50 m2, 355 m3/day=130 m2
	Budgetary allocation (Capital cost):	Total : Rs. 176.78 Lakhs (Existing: 285 m3/day & 70 m3/day = Rs.54.18 Lakhs), (Proposed: 08 m3/day = Rs. 10.60 Lakhs 55 m3/day=Rs. 24.00 Lakhs, 355 m3/day=Rs. 88.00 Lakhs)
	Budgetary allocation (O & M cost):	Total : Rs. 40.97 Lakhs/annum (Existing: 285 m3/day & 70 m3/day = Rs. 13.40 Lakhs/annum) , (Proposed: 08 m3/day = Rs. 4.92 Lakhs/annum 55m3/day=Rs. 6.95 Lakhs,/annum 355 m3/day=Rs. 15.70 Lakhs/annum)

36.Solid waste Management

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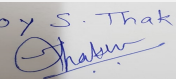
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Phase -80 No's labours , Biodegradable waste: 14 kg/day, Non-Biodegradable waste: 22 kg/ day ,Excavation Quantity 4072.42 m ³ ,Reused for Filling 4227.31 m ³
	Disposal of the construction waste debris:	The maximum construction waste will be used within the site for leveling purpose and base course preparation of internal approach roads.
Waste generation in the operation Phase:	Dry waste:	Biodegradable waste: 1716 kg/day
	Wet waste:	Non-Biodegradable waste: 1267 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	35 kg/day
	Others if any:	E-waste: 4096 KG/YEAR
Mode of Disposal of waste:	Dry waste:	Handed over to authorized vendor for further handling & disposal purpose
	Wet waste:	Wet waste will be treated in onsite organic waste converter machines.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E waste Handed over to authorized recyclers for further handling & disposal purpose
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	31.50 m ²
	Area for machinery:	For Machinery 96.50 m ² , Total area- 128 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 46.50 Lakhs
	O & M cost:	Rs. 9.08 Lakhs/annum

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			

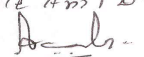
38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
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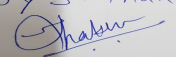
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	1 No. 160 KVA+1 No.125 KVA+1 No. 82.50 KVA + Proposed 1 No. 180 KVA & 1 No. 82.5 KVA & 1 No. 25 KVA	30+23+16 = 69 lit/hr. for Existing 32+16+5= 53 lit/hr. for proposed	6	4.5 m	0.10	450 oC	

40.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	69 lit/hr.	53 lit/hr.	122 lit/hr.
41.Source of Fuel		Local Dealer		
42.Mode of Transportation of fuel to site		By Road		

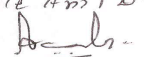
43.Green Belt Development	Total RG area :	5835.44 m2
	No of trees to be cut :	Nil
	Number of trees to be planted :	Existing 452 Nos. + Proposed 286 nos.
	List of proposed native trees :	Refer Below list:
	Timeline for completion of plantation :	Till operation phase

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	Existing	-	-	-
2	Michelia champaca	Sonchafa	71	Evergreen tree with yellow fragrant flowers
3	Mimusops eleng	Bakul	119	Evergreen tree with small white fragrant flowers
4	Ficus benamina	Weeping Fig	91	Widely spread, highly branching evergreen tree
5	Roystonea regia	Royal Palm	121	Ornamental Plant
6	Alastonia scholaris	Saptarni	18	Evergreen tropical tree
7	Spathodia campanulata	African Tulip Tree	32	Orange flowering tropical tree
8	Proposed	-	-	-
9	Manikara zapota	Chikoo	61	Tropical fruit tree & bird attracting tree
10	Michelia champaca	Champa	22	Evergreen timber plant, ornamental

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11	Mimusopes elengii	Bakul	2	Evergreen tree, timber yielding and medicinal plant
12	Ficus benjamina	Weeping Fig	15	Evergreen & bird attracting tree
13	Cassia fistula	Golden Shower	27	Drought tolerant, ornamental & medicinal plant
14	Butea monosperma	Flame Tree	22	Used in pesticide & dye preparation
15	Ficus benghalensis	Wad	1	Evergreen tree with large canopy and small red fruits
16	Ficus religiosa	Pimpal	1	Evergreen tree with large canopy
17	Roystonea regia	Royal Palm	28	Fruit tree & bird attracting
18	Syzygium cumini	Jambhul	41	Tropical fruit tree & bird attracting tree
19	Neolamarkia cadamba	Kadamba Tree	15	Evergreen & bird attracting tree
20	Mangifera indica	Mango Tree	1	Fruit tree & bird attracting
21	Albizia lebbek	Shirish	17	Medicinal tree with small leaves
22	Azadirachta indica	Neem	11	Natural herb known for its pesticidal and insecticidal properties
23	Caryota Mitis	Fishtail Palm	22	Ornamental Tree

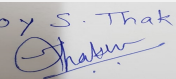
45.Total quantity of plants on ground

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	Not applicable	Not applicable	Not applicable

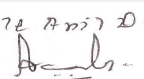
47.Energy

Power requirement:	Source of power supply :	MSEDCL.
	During Construction Phase: (Demand Load)	20 KW
	DG set as Power back-up during construction phase	25.0 KVA
	During Operation phase (Connected load):	6338.82 kW
	During Operation phase (Demand load):	3519.21 kVA
	Transformer:	Existing Total 4 Nos. (3 Nos. 630 KVA + 1 No. 200 KVA) , Proposed Total 4 Nos. (3 Nos. 630 KVA and 1 No. 315 KVA) Total: 8 Nos.
	DG set as Power back-up during operation phase:	EXISTING 3 Nos.(1 No. 160 KVA+1 No.125 KVA+1 No. 82.50 KVA) + PROPOSED 3 Nos. (1 No. 180 KVA & 1 No. 82.5 KVA & 1 no. 25 KVA) TOTAL 6 Nos.
	Fuel used:	122 lit./hr. @ 75 % Load , Stack Height- 4.5 m above bldg.
	Details of high tension line passing through the plot if any:	NA

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48. Energy saving by non-conventional method:

Total Energy saving by using energy saving measures
 Using LED lights instead of T8 fluorescent lights
 VFD's on Lifts
 BEE star rated Equipment
 Using High efficient pump
 solar pv Panel
 Solar Hot water

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Common Area Lighting using LED Lights	Existing-- 35332.00 KWH + Proposed-24057.88 kWH
2	Landscape Area Lighting using LED Lights	Existing-1518.40 KWH + Proposed- 949 kWH
3	Street Lighting using LED Lights & Timer	Existing- 7708.80 KWH +Proposed- 4818.00 kWH
4	Energy saving by Geyser	Existing- 272289.000 KWH +Proposed- 297600.00 kWH
5	Solar PV	Existing- 00 + Proposed- 49600 kWH
6	Total Energy saving by using energy saving measures-	Existing- 8331.78 kWH (9.44%) + Proposed 9616.20 kWH (9.70%)

50. Details of pollution control Systems

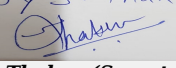
Source	Existing pollution control system	Proposed to be installed
Waste Water	STP - 1 No. 285m3/day, 70 m3/day (will be merged with 355 m3/day STP))	1 No. 08 m3/day +1 No. 55 m3/day + 1 No. 355 m3/day.
Soild Waste	OWC - 1 No. 1000 Kg/Day Capacity	1 NO. of 750 Kg/ day Capacity

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 106.93 Lakhs
	O & M cost:	Rs. 2.15 Lakhs/annum

51. Environmental Management plan Budgetary Allocation

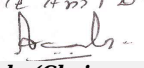
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading & Monitoring and Testing	Rs. 1.08 Lakhs
2	Water Environment	Tanker for construction work , Water Testing , Drinking water for construction labours	Rs.3.70Lakhs
3	Land Environment	Labour toilets & sanitation	Rs.3.00 Lakhs
4	Biological Environment	Top Soil Preservation	Rs.6.8 Lakhs
5	Socio- Economic Environment	DDisinfection- Pest Control, First Aid Facilities, Health Check Up	Rs. 3.00 Lakhs

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6	Safety Training	Personal Protective Equipment , For contractors and labours	Rs. 1.70 Lakhs
7	Environment Management	Environment management cell	Rs.1.00 Lakhs

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	STP -MBBR Technology	176.78 (Completed - 54.18 + Proposed-122.60)	40.97 (Completed - 13.40+ Proposed-27.57)
2	Solid Waste Management	OWC	46.50 (Completed 25.75 + Proposed-20.75)	9.08 (Completed - 4.77 + Proposed-4.31)
3	Landscaping	Development and Maintenance	68.18(Completed - 46.62 + Proposed-21.56))	7.56 (Completed - 5.17 + Proposed-2.39)
4	Rain Water Harvesting	Recharge Pits	6.30 (Completed - 3.60 + Proposed-2.70))	0.60 (Completed - 0.35 + Proposed-0.25)
5	Energy Saving	Energy saving measures	106.93 (Completed - 36.89 + Proposed-70.04)	2.15 (Completed - 0.75 + Proposed-1.4)
6	Swimming Pool	Swimming Pool	54.75 ((Completed - 27.15 + Proposed-27.60)	5.00 (Completed - 2.65 + Proposed-2.35)
7	Lightening Arrestor	Lightening Arrestor 10- Nos.	1.20	0.01
8	Environmental Monitoring	Environmental Monitoring	00	12.42 (Completed - 5.65 + Proposed-6.77)

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

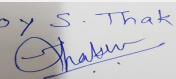
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

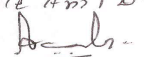
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	One Main Junction from Site to Main Road
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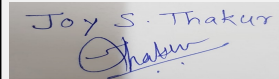
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Name: K. Anil D.
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	03 No's
	Total Parking area:	26949.60 m2
	Area per car:	Covered 30.00 m2 and Open 25 m2 with drive way
	Area per car:	Covered 30.00 m2 and Open 25 m2 with drive way
	Number of 2-Wheelers as approved by competent authority:	1836 Nos.
	Number of 4-Wheelers as approved by competent authority:	701 Nos.
	Public Transport:	local transport facility
	Width of all Internal roads (m):	6 m. wide internal road and 9 m. turning radius will be provided.
	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) B1 Building & Construction Project
	Court cases pending if any	Not any
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	14-10-2019

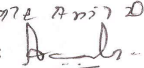
TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
3 -Name of Project proponent-	Shri Nitin Bhanagay	Shri Nitin Bhanagay for Rachana Life Spaces & Rachana Developers (Joint Development)
11- Whether in corporation/Municipal/other area	Pune Minicipal Corporation (PMC)	PMRDA
21-Estimated cost of the project	2576700000	2389800000
22-No. of buildings & its configuration	Building N	Building N1+N2


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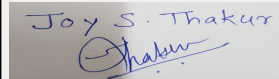
Name: K. Anil D.
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Shri. Anil Kale (Chairman SEAC-III)

29-Existing structure if any	As per earlier EC Building C, D & E, F, G, H, J, K, L, M and Club House 2 & 3 are completed. Total construction Built up approved area = 76,236.72 m ²	As per earlier EC Building C, D & E, F, G, H, J, K, L, M and Club House 2 & 3 are completed. Total construction Built up approved area = 76,005.21 m ²
35-Storm water drainage	Qty. of storm water= 1.26 m ³ /sec.	Incremental Runoff Qty. of storm water= 0.46 m ³ /sec.
37-Solid waste management	Area requirement= 122 m ²	Total Area requirement= 128 m ² with machinery
48-Energy	DG set as power back up during operations phase: EXISTING 3 Nos. + PROPOSED 1 No. 180 KVA & 1 No. 82.5 KVA & 1 no. 25 KVA	DG set as power back up during operations phase: Existing - 1 No. 160 KVA + 1 No. 125 KVA + 1 No. 82.5 KVA and proposed 1 No. 180 KVA & 1 No. 82.5 KVA & 1 No. 25 KVA

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

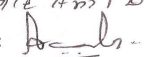
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC


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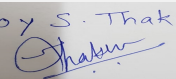
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 63850 m², FSI area of 86538.27m², Non FSI area of 80801.62 m² and total BUA of 167339.89 m².

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B1.

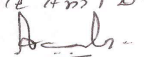
DECISION OF SEAC

SEAC-AGENDA-0000000352

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
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Committee informed PP to use model TOR available on the web site of MoEF&CC in addition to the points mentioned below for carrying out EIA studies:

Additional terms of Reference for carrying out EIA studies

1. Project Description

1. Project description, its importance and the benefits.
2. Project site details (location, topo-sheet of the study area of 10 Km, Coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage). Hydro-geological survey report with graphs & data.
3. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water supply & Sewerage Board, etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km. Any sensitive areas in impact zone such as archaeological structures, reserved forest, noise sensitive zones etc. Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. (G) High Tension wires if any on the plot.
7. (G) Plan showing HFL.
8. (G) Permissions granted by State Government in tabular and chronological form. Comparative statement of components approved and components constructed as per earlier EC (if applicable) and proposed development.
9. (G) PP to submit the detailed master plan indicating already completed construction and proposed construction. PP to submit the certificate from architect for completed work

2. Base Line Data

10. (B) Baseline environmental study for ambient air (PM_{10} , $PM_{2.5}$, SO_2 , NO_2 & CO), water (both surface and ground), noise and soil as per MoEF&CC/CPCB guidelines at minimum 5 locations in the study area of 10 km, The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
11. (C) Detail on flora and fauna and socio-economic aspects in the study area. Details of tree cutting, tree transplantation and survival report of existing trees.
12. (C) Likely impact of the project on the environmental parameters (ambient air surface and ground water, land, flora and fauna and socio-economic, etc.)
13. (B) Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting/etc.
14. (G) Socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
15. (G) PP to submit contour map with slopes, drainage pattern of the site and surrounding area. Layout showing natural water courses on site; total runoff calculation before and after development.
16. (C) PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report

3. Traffic Impact Study in detail including:

17. (V) Traffic Management Plan for the development - Internal circulation indicating road width and turning radius. Cross section of roads at four places showing clear road width, distance left from building line, spaces left for plantation, footpath, service lines etc.
18. (V) Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken.
19. (V) Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.
20. (V) Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project.
21. (V) Parking statement mentioning parking as per DCR & parking provided actually.
22. (V) Basement ventilation plan: Fire Tender Movement Plan showing clear road and turning radius. Cross section of roads at four places including UGT, OWC and DG set location showing clear road width and distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

4. Environmental Impact and Management Plan:

23. (B) Identify sources of air pollution, indicate mitigation measures to reduce Air pollution/Noise pollution.
24. (G) Debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
25. (B) Management of solid waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules 2016 and the Construction & Demolition Rules, 2016. Transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc. PP to provide the detailed solid waste management plan along with marked locations on the master plan. Design details of waste processing equipment such as OWC/biogas plants confirming to the technical requirements to meet the quality products.
26. (B) Waste water management (treatment, reuse and disposal) for the project and also the study area. Design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
27. (J) PP to show internal storm water drain and sewer line arrangements up to final disposal point.
28. (C) Provision of mandatory RG area on virgin land and submit the drawing with calculations, ensuring entire mandatory RG is provided on the plot where residential buildings are proposed.
29. (G) A detailed phase wise development plan with safety planning where occupancy has been given.
30. (T) If any site specific structures such as creation of water body, alteration of natural storm water, large alteration of slopes, creation of green areas abutting to water bodies / natural storm water drain / river etc, is involved, detailed environmental protection approach for the same shall be provided.
31. (D) Separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; Energy efficient measures (LED lights, solar power, etc.) during construction as well as during operational phase of the project. Report on ECBC compliance.
32. (D) Provide details of Solar PV and Solar water heater in the specific format. PP to carryout shadow analysis for identifying the roof-top area for providing solar panels
33. (B) Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.
34. (K) PP to submit Disaster management plan.
35. (B) Preparation of site specific, executable and auditable environment management plan (EMP)

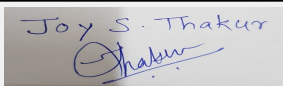
5. Environmental Modelling and additional Studies:

36. (B) Fugitive dust modelling by using local meteorological data.
37. (B) Ecological footprint calculation using LCA approach.
38. (B) Estimation of Carbon footprint of the project.
39. (B) Gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

6. NOCs, Undertakings and CER:

40. (T) NOC's required: a) CFO NOC, b)Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
41. (T) Undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
42. (K) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dt. 01.05.2018, along with details of fund utilization & agreement or consent of executor.

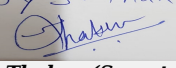
Specific Conditions by SEAC:

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 61 of 171	Name: K 071 Anil D. Signature: Anil Kale Shri. Anil Kale (Chairman SEAC-III)
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FINAL RECOMMENDATION

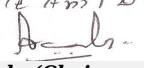
The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

SEAC-AGENDA-0000000352

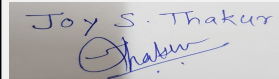
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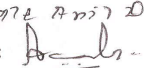
Name: Kote Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Proposed Amendment in Environmental Clearance of Residential Township "Ashok Astoria" at village Goverdhan, Gangapur Road, Nashik.	
Is a Violation Case: No	
1.Name of Project	Ashok Astoria
2.Type of institution	Private
3.Name of Project Proponent	Peninsula Land Ltd. (Ashok Piramal Group company)
4.Name of Consultant	Building Environment (India) Pvt. Ltd.
5.Type of project	Township
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion (Amendment)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	The project has received Environmental Clearance on dated 21.05.2010, vide EC letter no. F.N. 21-108/2008-IA-III for a total Plot area of 75,400 m2 and B.U.A of 58850 m2 in the name of Proposed township "Ashok Royal" by M/s. Peninsula Mega Township Development Pvt. Ltd. with a validity date 21.5.2015. Later on, as per SEIAA letter vide no F.N. 21-108/2008-IA- III dated 21.05.2015 EC revalidated for further 7 Years, i.e. up to 21.05.2022 Thereafter name of the project is changed from "Ashok Royal" to "Ashok Astoria" and name of the Project Proponent is changed to Peninsula Land Ltd as earlier project proponent Peninsula Mega Township Development Pvt, Ltd was merged into Peninsula Land Ltd. SEIAA approved the same as per letter vide no. SEAC-2016/CR-76/TC-3 dated 27-02-2017
8.Location of the project	Gut No 2, Village-Goverdhan, Gangapur Road, Tal & Dist. - Nashik, State - Maharashtra.
9.Taluka	Nashik
10.Village	Govardhan
Correspondence Name:	Mr. Chandrashekhar Ogale (Authorized Signatory Peninsula Land Ltd)
Room Number:	1
Floor:	First
Building Name:	Peninsula Spenta
Road/Street Name:	Mathuradas Mill Compound, Senapati Bapat Marg,
Locality:	Lower Parel
City:	Mumbai 400013
11.Whether in Corporation / Municipal / other area	Nashik Metropolitan Region Development Authority (NMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Present approval from NMRDA u/no. NMRDA/final layout/village Govardhan/Gut No.2/1507, dt 24.01.2019. IOD/IOA/Concession/Plan Approval Number: Present approval from NMRDA u/no. NMRDA/final layout/village Govardhan/Gut No.2/1507, dt 24.01.2019. Approved Built-up Area: 53797
13.Note on the initiated work (If applicable)	As per earlier EC, SEIAA letter vide no F.N. 21-108/2008-IA- III dated 21.05.2010, out of total proposed 58,850 m2 built up area, 46,771.00 m2 area has been constructed on site till date. Rest of the land is presently vacant.
14.LOI / NOC / TOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	75,400.00 m2
16.Deductions	a) Area under 30m wide road widening - 806.50 m2 b) Area under 12m wide road widening - 1043.52 m2 c)Area under North side road widening - 664.07 m2 d)Area under 18m wide R. P. road widening - 4195.16 m2 e) Area of Nala & Related land- 2859.75 m2 Total deductions (a+b+c+d+e) - 9569.00 m2
17.Net Plot area	65831.00 m2


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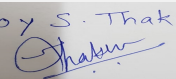
Name: K 971 Anis D
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): As per earlier EC, FSI of already constructed buildings - 39087.88 m2; And FSI of already constructed Amenity 1 & 2 - 2994.71 m2; FSI of Proposed buildings (R, S, T & N) -34056.82 m2, Total FSI area -76139.41m2
	b) Non FSI area (sq. m.): As per earlier EC, Non-FSI of already constructed buildings - 4614.94 m2; Non-FSI of already constructed Amenity 1 & 2 - 73.48 m2; Non-FSI of already constructed Services Area- 1500 m2; Non-FSI OF proposed buildings (R, S, T & N)- 10167.16m2 Total Non FSI -16355.58 m2
	c) Total BUA area (sq. m.): 92495
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 53797.18 m2
	Approved Non FSI area (sq. m.): 7851.42 m2
	Date of Approval: 24-01-2019
19.Total ground coverage (m2)	16652 m2 as per proposed layout
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.57% as per proposed layout
21.Estimated cost of the project	1900000000

22.Number of buildings & its configuration

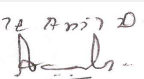
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Existing Building- A Block -3 Nos.	G+4 Upper Floors	14.85
2	Existing Building- B Block -2 Nos.	G+4 Upper Floors	14.85
3	Existing Building- C Block -6 Nos.	LG+G+2 Upper Floors	11.85(TH) /12.80 (RH)
4	Existing Building- E Block -1 Nos.	G+4 Upper Floors	14.85
5	Existing Building- F Block -6 Nos.	LG+G+2 Upper Floors	11.85(TH) /12.80 (RH)
6	Existing Building- G Block -5 Nos.	LG+G+2 Upper Floors	11.85(TH) /12.80 (RH)
7	Existing Building- H Block -6 Nos.	LG+G+2 Upper Floors	11.85(TH) /12.80 (RH)
8	Existing Building- I Block -6 Nos.	LG+G+2 Upper Floors	11.85(TH) /12.80 (RH)
9	Existing Building- J Block -1 Nos.	G+4 Upper Floors	14.85
10	Existing Building- K Block -6 Nos.	LG+G+2 Upper Floors	11.85(TH) /12.80 (RH)
11	Existing Building- M Block -2 Nos.	G+4 Upper Floors	14.85
12	Existing Building-O Block -Amenity 1 -1 Nos	G+2 Upper Floors	10.80
13	Existing Building-P Block -Amenity 2 Club House -1 Nos.	G+1 Upper Floors	6.45
14	Proposed Building- N Block -1Nos.	S+11 Upper Floors	35.80
15	Proposed Building- R Block -1Nos.	S+18 Upper Floors	56.25
16	Proposed Building- S Block -1Nos.	S+18 Upper Floors	56.25 mt.
17	Proposed Building- T Block -1Nos.	S+11 Upper Floors	35.80

23.Number of tenants and shops	A) As per earlier EC, SEIAA letter vide no F.N. 21-108/2008-IA- III dated 14.12.2015, details of No. of tenements and shop in already constructed building: (a) Residential Apartments: 246 nos. (20 buildings/wings) (b) Row Houses: 24 nos. (c) Amenity-1 Commercial/shops: 39 nos. (d) Amenity-2 Club House- 1 no. B) Proposed Buildings: Residential Apartments: 408 nos. TOTAL- 654 apartments, 24 Row Houses, 39 shops & 1 Club House
24.Number of expected residents / users	Residential - 3390 nos. Amenity 1 & 2 - 50 Nos. Total - 3440 nos.

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Name: K. Anil D.
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Shri. Anil Kale (Chairman SEAC-III)

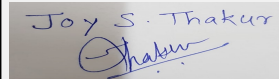
25.Tenant density per hectare	549 Tenants / Ha.
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30.00 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	As per earlier EC following building are already constructed on site (Occupancy Certificates have been granted for these buildings). Existing Building- A Block -3 Nos. Existing Building- B Block -2 Nos. Existing Building- C Block -6 Nos. Existing Building- E Block -1 Nos. Existing Building- F Block -6 Nos. Existing Building- G Block -5 Nos. Existing Building- H Block -6 Nos. Existing Building- I Block -6 Nos. Existing Building- J Block -1 Nos. Existing Building- K Block -6 Nos. Existing Building
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

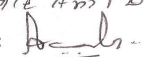
32.Total Water Requirement

Dry season:	Source of water	NMC / Recycled Water
	Fresh water (CMD):	329
	Recycled water - Flushing (CMD):	167
	Recycled water - Gardening (CMD):	90
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	589
	Fire fighting - Underground water tank(CMD):	450
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	145

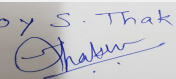

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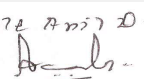
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	NMC / Recycled Water								
	Fresh water (CMD):	329								
	Recycled water - Flushing (CMD):	167								
	Recycled water - Gardening (CMD):	--								
	Swimming pool make up (Cum):	2.1								
	Total Water Requirement (CMD) :	498								
	Fire fighting - Underground water tank(CMD):	450								
	Fire fighting - Overhead water tank(CMD):	40								
	Excess treated water	235								
Details of Swimming pool (If any)		Swimming pool - 15.3mX6m. Kids pool - 6mX3m Jacuzzi - 4.5mX4.2m								
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	128	201	329	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:	9 m to 13.5 m depth
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	35 Nos.
	Size of recharge pits :	Recharge Pit: 4.0 Mt x 4.0 Mt x 4.0 Mt depth.
	Budgetary allocation (Capital cost) :	117 Lakh
	Budgetary allocation (O & M cost) :	6 Lakh per Annum
	Details of UGT tanks if any :	Underground tank of adequate capacity will be providing for domestic, flushing, firefighting, STP, Centralised UG tank Domestic: 252 KLD Block T UG tank Domestic: 23 KLD Block N UG tank Domestic: 48 KLD Block S UG tank Domestic: 72 KLD Block R UG tank Domestic: 72 KLD Centralised UG tank Flushing: 134 KLD Block T UG tank Flushing: 12 KLD Block N UG tank Flushing: 22 KLD Block S UG tank Flushing: 36 KLD Block R UG tank Flushing 36 KLD
35.Storm water drainage	Natural water drainage pattern:	North - West
	Quantity of storm water:	44280.98 Cu.mt.
	Size of SWD:	Attached
Sewage and Waste water	Sewage generation in KLD:	446
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1: 150 KLD STP 2: 330 KLD
	Location & area of the STP:	Underground and Plant Room above the Ground
	Budgetary allocation (Capital cost):	120 Lakh
	Budgetary allocation (O & M cost):	12 Lakh per annum.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	2059 cum
	Disposal of the construction waste debris:	Waste generation from proposed phases 30% will be recycled on site & remaining will be handed over to Authorised Recycles as per C&D waste Management Rule, 2016
Waste generation in the operation Phase:	Dry waste:	635 kg/day
	Wet waste:	952 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	STP 1: 41 kg/day STP 2: 90 kg/day
	Others if any:	--

Mode of Disposal of waste:	Dry waste:	Will be handed over to Authorised Recyclers as per MSW Rule, 2016.
	Wet waste:	Will be treated in OWC
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be used as soil conditioner after processing in OWC.
	Others if any:	--
Area requirement:	Location(s):	attached
	Area for the storage of waste & other material:	200 sqft
	Area for machinery:	50 sqft
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	13 Lakh
	O & M cost:	1.3 Lakh/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 sent 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

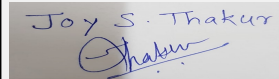
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

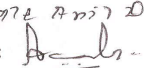
40. Details of Fuel to be used

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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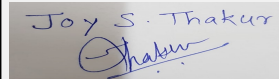
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43.Green Belt Development	Total RG area :	Total RG area: 6762.86 m2, Additional Green Areas: 7241.72 m2, Total Green Area:14003.98 m2.
	No of trees to be cut :	Nil
	Number of trees to be planted :	900 Nos.
	List of proposed native trees :	attached
	Timeline for completion of plantation :	Till completion of project

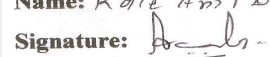
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	5	Medicinal
2	Albezia	Shrish	1	Medicinal
3	Madhuca longifolia	Mahua	41	Fragrant flowering tree
4	Bauhinia purpurea	Kanchan	67	Medicinal & Flowering
5	Erythrina indica	Pangara	26	Medicinal & Flowering
6	Peltophorum ferrigenum	Copper pod tree	36	Flowering
7	Cassia fistula	Bahava / Golden shower tree	9	Flowering
8	Lagerstromia reginea	Taman	95	Flowering and shade giving
9	Butea monosperma	Palas	1	Medicinal & Flowering
10	Pongamia pinnata	Karanj	2	Medicinal & Flowering
11	Millingtonia hortensis	Indian cork tree	7	Flowering
12	Terminalia arjuna	Arjun	1	Medicinal
13	Acacia catechu	Khair	1	Medicinal
14	Tabebuia rosea	Pink trumpet tree	1	Flowering, ornamental
15	Mimusopas elengii	Bakul	23	Medicinal & Evergreen
16	Plumria alba	Chapha	86	Fragrant Flowering
17	Cassia nodosa	Pink javanica	5	Flowering, ornamental
18	Hyophorbe lagenicaulis	Bottle palm	17	Evergreen
19	Grevillea robusta	Silver Oak	100	Fast growing evergreen tree
20	Royal palm	Bottle Plam	15	Evergreen
21	Nycthanthes arbor tristis	Parijatak	20	Medicinal & Flowering
22	Delonix regia	Gulmohar	19	Ornamental tree
23	Cordia sabestina	Geiger tree	17	Ornamental tree
24	Murray paniculata	Kamini	54	Kamini
25	Plumeria accdifolia pink	Chafa	34	Fragrant flowers
26	Polyalthia longifolia	False Ashoka	56	Evergreen
27	Largestomia Indica	Crepe flower	23	Ornamental
28	Schleichera oleosa	Kusum	6	Flowering, medicinal property


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29	Michelia champaea	Sonchafa	3	Fragrant flowers
30	Syngium cumini	Jambhul	15	Fruit bearing tree.
31	Dalbergia latifolia	Indian Rosewood	6	Evergreen
32	Terminalia cattappa	Badam Tree	6	Medicinal
33	Dalbergia sissoo	Shisam	5	Fast Growing tree
34	Ficus carica	Anjeer	5	Fruit bearing tree.
35	Ficus bengamina	Payar	87	Evergreen
36	Swietenia mahogany	Mahogany	1	Medicinal
37	Syzygium jambos	Jam	1	Fruit bearing tree
38	Cordia dichotoma/sebastena	Bhokar	3	Fruit bearing 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	NIL- No Podium is designed	NIL- No Podium is designed	NIL- No Podium is designed

47.Energy

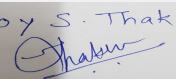
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	50 kw
	DG set as Power back-up during construction phase	62.5 kVA
	During Operation phase (Connected load):	14100 kw
	During Operation phase (Demand load):	5800 kw
	Transformer:	630 KVA: 9 nos. 500 KVA: 3 nos.
	DG set as Power back-up during operation phase:	500 KVA: 3 nos. 400 KVA: 2 nos.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Annual Energy saving by Solar Heater of total consumption: 14.8%

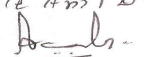
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	% Savings Through Conventional Energy saving systems	21.8%
2	% of saving through Renewable energy	1%

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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:	50	
	O & M cost:	2.5	

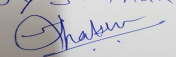
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust pollution	Water spray for dust suppression	1.6
2	EHS	Site sanitation and Potable Water Supply to Labour	2.5
3	Environment monitoring	Environmental Monitoring (As per the CPCB guidelines through MoEF Approved laboratories)	1.2
4	EHS	Health check-up & first aid	1.6
5	Safety	Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	3.2
6	Traffic Management	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	1.2
7	Safety	Safety nets	8
8	Storm water Management	Storm water Management (SWD along plot boundary and Sedimentation Pits)	1.2
9	Safety	Passenger lift	0.9
10	Vehicle maintenance	Tyre cleaning and Vehicle maintenance	1.2
11	Safety	Safety Training to Workers (Twice in Year), Safety Officer	2
12	Safety	Disinfection	0.8
13	Safety	Debris & construction waste	9
14	Total	--	34.4

b) Operation Phase (with Break-up):

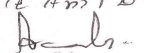
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	STP	MBBR Technology	120	12
2	RWH	Recharge Pits	117	6
3	Landscape	---	272	18
4	SWM	SWM	13	1.3
5	Energy Saving	Solar PV Cells Solar panels	50	2.5
6	DMP	DMP	1220	49
7	Total	--	1792	88.8

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

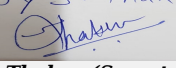
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

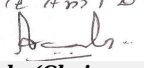
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	No Basement
	Number and area of podia:	No Podium
	Total Parking area:	Car - 11288 m2 Scooter - 2304 m2 Cycle - 1612.80 m2 Total = 15204.30 m2
	Area per car:	25 m2
	Area per car:	25 m2
	Number of 2-Wheelers as approved by competent authority:	Required - 1152 Nos. Provided - 1152 Nos.
	Number of 4-Wheelers as approved by competent authority:	Required - 452 Nos. Provided - 452 Nos.
	Public Transport:	--
	Width of all Internal roads (m):	6.00M /9.00M& 12.0M
	CRZ/ RRZ clearance obtain, if any:	Not Applicable

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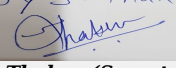
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	---
	Category as per schedule of EIA Notification sheet	Building and Construction projects 8(a) Category B.
	Court cases pending if any	No
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

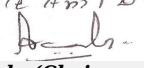
Brief information of the project by SEAC

PP remained **absent**. The proposal was deferred.

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DECISION OF SEAC

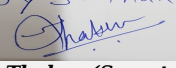
PP remained **absent**. The proposal was deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

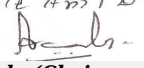
Kindly find SEIAA decision above.

SEAC-AGENDA-0000000352

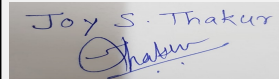
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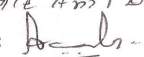
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Proposed Construction Project by M/s Pyramid Developers	
Is a Violation Case: Yes	
1.Name of Project	The Nook
2.Type of institution	Private
3.Name of Project Proponent	Mr. Khemchand Bhojwani
4.Name of Consultant	Sneha Hi-Tech Products
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	NA
8.Location of the project	S.No. 60/1-2, Behind D.Y. Patil College
9.Taluka	Mulshi
10.Village	Tathawade
Correspondence Name:	Mr. Khemchand Bhojwani
Room Number:	Bhojwani Construction, S. No. 30/1/3,
Floor:	-
Building Name:	-
Road/Street Name:	Rajiv Gandhi International School, Tathawade
Locality:	Tathawade
City:	Pune-411033
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: B.P./TATHWADE/11/2012 Approved Built-up Area: 36126.64
13.Note on the initiated work (If applicable)	30336.90 m2 (FSI Area:17765.41 m2 +NON FSI Area:12571.49 m2)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	29144.64 m2
16.Deductions	8524.35 m2
17.Net Plot area	20620.29 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 52178.30 m2 b) Non FSI area (sq. m.): 41335.47 m2 c) Total BUA area (sq. m.): 93513.77
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 18372.42 Approved Non FSI area (sq. m.): 17754.22 Date of Approval: 09-11-2012
19.Total ground coverage (m2)	4946.46 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.97 % of Total plot area (29144.64 m2), 23.98 % of Net plot area (20620.29 m2)
21.Estimated cost of the project	1500000000
22.Number of buildings & its configuration	


Joy S.Thakur (Secretary
SEAC-III)

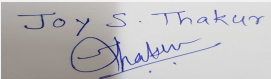
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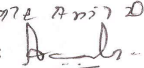
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A - Building	P+12	37.70	
2	B - Building	P+12	37.70	
3	C - Building	P+12	37.70	
4	D - Building	P+12	37.70	
5	E - Building	GP+PP+12	40.60	
6	F - Building	GP+PP+12	40.60	
7	G - Building	GP+PP+12	40.60	
8	H - Building	GP+PP+12	40.60	
9	J - Building	GP+PP+12	40.60	
10	K - Building	GP+PP+12	40.60	
11	Commercial Building	2B+G+Mezz.+10	36.00	
23.Number of tenants and shops		Total Tenements - 640 Nos., Shops- 02 Nos, Offices- 10 Nos.		
24.Number of expected residents / users		Residential Users: 3200 Nos. , Commercial Users: 1162 Nos. , Total Users: 4362 Nos.		
25.Tenant density per hectare		219.59 /hector		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		24 m wide DP 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				

Dry season:	Source of water	Pimpri-Chinchwad Municipal Corporation								
	Fresh water (CMD):	523.29 m3/day (One time)								
	Recycled water - Flushing (CMD):	173.05 m3/day								
	Recycled water - Gardening (CMD):	32.00 m3/day								
	Swimming pool make up (Cum):	2.00 m3/day								
	Total Water Requirement (CMD) :	318.24 m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3								
	Fire fighting - Overhead water tank(CMD):	220 m3								
	Excess treated water	235.31 m3/day								
Wet season:	Source of water	Pimpri-Chinchwad Municipal Corporation								
	Fresh water (CMD):	491.29 m3/day (One time)								
	Recycled water - Flushing (CMD):	173.05 m3/day								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	2.00 m3/day								
	Total Water Requirement (CMD) :	318.24 m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3								
	Fire fighting - Overhead water tank(CMD):	220 m3								
	Excess treated water	267.31 m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: 8.33 m X 13.50 m Total water Requirement in Liters: 160500 Liter Make up water requirement in KLD: 2.00 m3/day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: Budgetary allocation (Capital cost and O & M cost): • Capital Cost: Rs. 26.00 Lakh • O & M Cost: Rs. 1.80 Lakh / Year									
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	

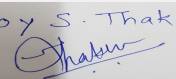

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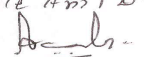
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post Monsoon: 08 m - 10 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	14 Nos.
	Size of recharge pits :	3.00 m x 2.00 m x 3.00 m
	Budgetary allocation (Capital cost) :	Rs. 31.50 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.84 Lakh /Year
	Details of UGT tanks if any :	Domestic UG tank Capacity : 509.36 m3 Flushing UG tank Capacity : 307.58 m3 Fire UG tank Capacity : 300 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	274.53 m3/day
	Size of SWD:	900 mm
Sewage and Waste water	Sewage generation in KLD:	440.36 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1: 225 m3/day (Existing), STP 2: 220 m3/day (Proposed)
	Location & area of the STP:	220 m2 (STP 1: 110 m2 + STP 2: 110 m2)
	Budgetary allocation (Capital cost):	STP 1: Rs. 65.75 Lakh, STP 2: Rs. 78.11 Lakh
	Budgetary allocation (O & M cost):	STP 1: Rs. 7.42 Lakh/year , STP 2: Rs. 7.81 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	35.00 kg/day
	Disposal of the construction waste debris:	Use for Leveling.
Waste generation in the operation Phase:	Dry waste:	814 kg/day
	Wet waste:	1076 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	20 kg/day
	Others if any:	-

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Mode of Disposal of waste:	Dry waste:	Handed Over to SWaCH
	Wet waste:	Organic waste convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC.
	Others if any:	-
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	103.50 m ² (OWC 1: 67.5 m ² + OWC 2: 36 m ²)
	Area for machinery:	Included in other material area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	OWC 1: Rs.20.75 Lakh, OWC 2: Rs.12.75 Lakh
	O & M cost:	OWC 1: Rs. 4.28 Lakh /Year , OWC 2: Rs. 2.84 Lakh /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

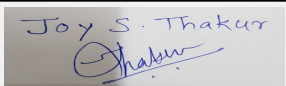
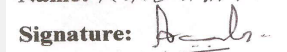
39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set - 140 KVA (Existing)	HSD- 35.5 lit/hr	S - 1	6.25 m	-	-
2	DG Set - 125 KVA (Proposed)	HSD- 22.7 lit/hr	S - 2	6.00 m	To be provided	To be provided

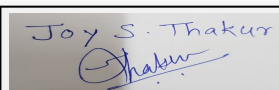
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	35.5 lit/hr	22.7 lit/hr	58.2 lit/hr

41.Source of Fuel	Bharat Petroleum Corporation Limited or Hindustan Petroleum
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42.Mode of Transportation of fuel to site		By Roadway		
43.Green Belt Development	Total RG area :	2826.98 m2		
	No of trees to be cut :	NA		
	Number of trees to be planted :	222 Nos.		
	List of proposed native trees :	-		
	Timeline for completion of plantation :	Mid of Proposed 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	Bauhinia racemosa	Apta	33	Flowering, butterfly attracting
2	Lagerstroemia flos-regineae	Tamhan	58	Flowering
3	Putranjiva roxburghii	Putranjiva	02	Evergreen tree
4	Michelia champaca	Sonchafa	49	Flowering, bird/butterfly attracting
5	Cassia fistula	Bahava	30	Flowering, Ornamental
6	Azadiracta indica	Neem	24	Large tree, medicinal value
7	Psidium guajava	Guava	02	Fruit bearing
8	Manikara zapota	Chikoo	08	Shade, fruit bearing
9	Eugenia jambolana	Jamun, Jambhul	12	Shade, fruit bearing, medicinal value
10	Embelica officinalis	Aawala	04	medicinal value, fruit bearing
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 :	MSEDCL. (Maharashtra State Of Electricity Distribution Company Ltd.)
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	01 No. - 40 KVA
	During Operation phase (Connected load):	4198 KW
	During Operation phase (Demand load):	2059 KW
	Transformer:	04 Nos. - 630 KVA
	DG set as Power back-up during operation phase:	01No. - 140 KVA & 01No. - 125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

? Solar Water Heating Systems Will Be Done for Bathrooms.

- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.
- Water Level Controllers with Timers will be Used for Water Pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like Lights

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving in %	17.35 %

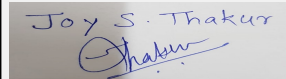
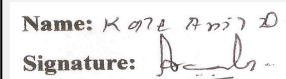
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	We have provided part green belt.	We will provide additional green belt for proposed development
Water	STP of capacity 225 KLD is installed & excess treated water used for flushing & gardening.	STP of capacity 220 KLD will be installed & excess treated water used for flushing & gardening.
Noise	Acoustically enclosed DG set is installed	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to SWACH.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 105.20 Lakh
	O & M cost:	Rs. 2.10 Lakh/Year

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	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

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 1	-	65.75 Lakh	7.42 Lakh/year
2	STP 2	-	78.11 Lakh	7.81 Lakh/year
3	RWH	-	31.50 Lakh	0.84 Lakh/year
4	MSW 1	OWC 1	20.75 Lakh	4.28 Lakh/year
5	MSW 2	OWC 2	12.75 Lakh	2.84 Lakh/year
6	Energy System	-	105.20 Lakh	2.10 Lakh/year
7	Landscaping	-	35.00 Lakh	2.10 Lakh/year
8	Swimming Pool	-	26.00 Lakh	1.80 Lakh/year
9	Safety Equipments	-	10.00 Lakh	2.00 Lakh/year
10	Post EC Monitoring	-	-	2.50 Lakh/year
11	Dry Waste Management	-	-	3.84 Lakh/year

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

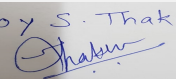
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

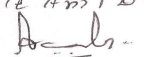
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
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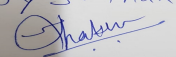
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Parking details:	Number and area of basement:	1425 m2
	Number and area of podia:	7278.25 m2
	Total Parking area:	21164.93 m2
	Area per car:	Basement Parking: 35 m2, Covered Parking: 30 m2
	Area per car:	Basement Parking: 35 m2, Covered Parking: 30 m2
	Number of 2-Wheelers as approved by competent authority:	1653 Nos.
	Number of 4-Wheelers as approved by competent authority:	445 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	7.50 m & 12 m
	CRZ/ RRZ clearance obtain, if any:	No
	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	Yes
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

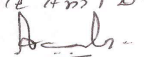
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Name: K. Anil D.


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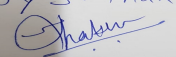
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 29144.64 m², FSI area of 52178.30 m², Non FSI area of 41335.47 m² and total BUA of 93513.77 m².

Now, the PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. The PP informed that the total constructed area on site is: 30336.90 m².

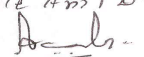
DECISION OF SEAC

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Name: K. Anil Kale


Shri. Anil Kale (Chairman
SEAC-III)

The proposal is appraised as category 8(a) B2. After deliberation, Committee hereby accords approval to the following Terms of Reference for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP) for further discussion and consideration of SEAC:

Terms of Reference for EIA and preparation of Environment Management Plan (EMP) for Violation Cases

1. Project Description

1. Project description, its importance and the benefits.
2. Project site details (location, topo-sheet of the study area of 10 Km, Coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage). Hydro-geological survey report with graphs & data.
3. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water supply & Sewerage Board, etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km. Any sensitive areas in impact zone such as archaeological structures, reserved forest, noise sensitive zones etc. Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. (G) High Tension wires if any on the plot.
7. (G) Plan showing HFL.
8. (G) Permissions granted by State Government in tabular and chronological form. Comparative statement of components approved and components constructed as per earlier EC (if applicable) and proposed development.
9. (G) PP to submit the detailed master plan indicating already completed construction and proposed construction. PP to submit the certificate from architect for completed work

2. Base Line Data

10. (B) Baseline environmental study for ambient air (PM₁₀, PM_{2.5}, SO₂, NO₂ & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF&CC/CPCB guidelines at minimum 5 locations in the study area of 10 km. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
11. (C) Detail on flora and fauna and socio-economic aspects in the study area. Details of tree cutting, tree transplantation and survival report of existing trees.
12. (C) Likely impact of the project on the environmental parameters (ambient air surface and ground water, land, flora and fauna and socio-economic, etc.)
13. (B) Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
14. (G) Socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
15. (G) PP to submit contour map with slopes, drainage pattern of the site and surrounding area. Layout showing natural water courses on site; total runoff calculation before and after development.
16. (C) PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report

3. Traffic Impact Study in detail including:

17. (V) Traffic Management Plan for the development - Internal circulation indicating road width and turning radius. Cross section of roads at four places showing clear road width, distance left from building line, spaces left for plantation, footpath, service lines etc.
18. (V) Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken.
19. (V) Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions..
20. (V) Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project.
21. (V) Parking statement mentioning parking as per DCR & parking provided actually.
22. (V) Basement ventilation plan: Fire Tender Movement Plan showing clear road and turning radius. Cross section of roads at four places including UGT, OWC and DG set location showing clear road width and distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

4. Environmental Impact and Management Plan:

23. (B) Identify sources of air pollution, indicate mitigation measures to reduce Air pollution/Noise pollution.
24. (G) Debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
25. (B) Management of solid waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules 2016 and the Construction & Demolition Rules, 2016. Transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc. PP to provide the detailed solid waste management plan along with marked locations on the master plan. Design details of waste processing equipment such as OWC/Chogas plants confirming to the technical requirements to meet the quality products.
26. (B) Waste water management (treatment, reuse and disposal) for the project and also the study area. Design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide cognation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
27. (J) PP to show internal storm water drain and sewer line arrangements up to final disposal point.
28. (C) Provision of mandatory RG area on virgin land and submit the drawing with calculations, ensuring entire mandatory RG is provided on the plot where residential buildings are proposed.
29. (G) A detailed phase wise development plan with safety planning where occupancy has been given.
30. (T) If any site specific structures such as creation of water body, alteration of natural storm water, large alteration of slopes, creation of green areas abutting to water bodies / natural storm water drain / river etc, is involved, detailed environmental protection approach for the same shall be provided.
31. (D) Separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing Solar panels& calculations of energy saving; Energy efficient measures (LED lights, solar power, etc.) during construction as well as during operational phase of the project. Report on ECBC compliance.
32. (D) Provide details of Solar PV and Solar water heater in the specific format. PP to carry out shadow analysis for identifying the roof-top area for providing solar panels
33. (B) Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.
34. (K) PP to submit Disaster management plan.
35. (B) Preparation of site specific, executable and auditable environment management plan (EMP)

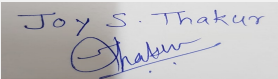
5. Environmental Modelling and additional studies:

36. (B) Fugitive dust modelling by using local meteorological data.
37. (B) Ecological footprint calculation using LCA approach.
38. (B) Estimation of Carbon footprint of the project.
39. (B) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection of data and sample analysis shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986 or Environmental Laboratory accredited by NABL, or a laboratory of council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
40. (B) Gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
41. (K) Preparation of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

6. NOCs, Undertakings and CER:

42. (T) NOC's required: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
43. (T) Undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
44. (K) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dt. 01.05.2018, along with details of fund utilization & agreement or consent of executor.
45. PP to refer "approach paper for assessment for environmental damage and estimation of remediation costs for building construction projects initiated with obtaining mandatory environmental clearance" available on the portal : "ecmpcb.in".

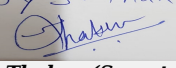
Specific Conditions by SEAC:

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 85 of 171	Name: K 97 E 7 n 5 7 D Signature: Anil Kale Shri. Anil Kale (Chairman SEAC-III)
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FINAL RECOMMENDATION

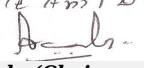
The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

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Joy S. Thakur

Joy S.Thakur (Secretary
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Name: Kote Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02

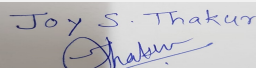
SEAC Meeting number: 97 Meeting Date November 6, 2019

Subject: Environment Clearance for Proposed Residential Project at S. no. 79 (P), Chikhali, Tal. Haveli, Pune by M/s. Nexus Enterprises

Is a Violation Case: No

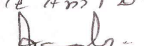
1.Name of Project	Proposed Residential Project at S. no. 79 (P), Chikhali, Tal. Haveli, Pune by M/s. Nexus Enterprises
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nareshkumar Patel
4.Name of Consultant	Ms. Sayali Jagtap (Approved EIA Coordinator)
5.Type of project	Residential project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	S. no. 79 (P), Chikhali, Tal. Haveli, Pune
9.Taluka	Haveli
10.Village	Chikhali
Correspondence Name:	Mr. Pranjal Patel
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	S. no. 79 (P), Chikhali, Tal. Haveli, Pune
Locality:	Chikhali
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: - Approved Built-up Area:
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	12000 sq. m
16.Deductions	2133.69 sq. m
17.Net Plot area	9866.31 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21943.23 sq. m b) Non FSI area (sq. m.): 19940.99 sq. m c) Total BUA area (sq. m.): 41884.29
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): - Approved Non FSI area (sq. m.): - Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2453.35 sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24.86 %
21.Estimated cost of the project	756700000

22.Number of buildings & its configuration


Joy S.Thakur (Secretary
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Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

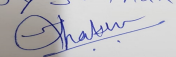
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A	Parking +12 floors	36 m
2	Building B	Parking +12 floors	36 m
3	Building C	Parking +12 floors	36 m
4	Building D	Parking +12 floors	36 m
5	Building E	Parking +06 floors	18 m
6	Club house	G + 1	7.20 m

23.Number of tenants and shops	Residential flats : 517
24.Number of expected residents / users	Residential population : 2585
25.Tenant density per hectare	250 / 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))	12 m & 18 m wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 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

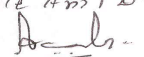
32.Total Water Requirement

Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

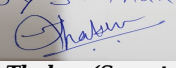
SEAC Meeting No: 97 Meeting Date: November
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Name: K. Anil Kale


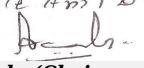
Shri. Anil Kale (Chairman
SEAC-III)

Dry season:	Source of water	PCMC							
	Fresh water (CMD):	232.65							
	Recycled water - Flushing (CMD):	116.33							
	Recycled water - Gardening (CMD):	7							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	355.98							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20 for each building							
	Excess treated water	159.34							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	232.65							
	Recycled water - Flushing (CMD):	116.33							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	349.18							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20 for each building							
	Excess treated water	166.34							
Details of Swimming pool (If any)		Not provided							
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

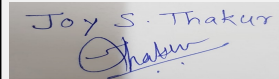
Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

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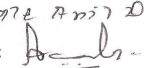
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon depth to water level 03.20 m bgl Pre monsoon water level 08.20 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	04
	Size of recharge pits :	2 m x 2m x 2m with 178mm diameter depth 60 meter depth of perforated or slotted casing 6 meter
	Budgetary allocation (Capital cost) :	Rs. 3,00,000 /-
	Budgetary allocation (O & M cost) :	Rs. 20,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 349 KLD Flushing tank Capacity(cum) : 182 KLD Fire UG tank Capacity (cum) : 300 KLD
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	9.63 m3/min
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	214.08 KLD
	STP technology:	MBBR technology
	Capacity of STP (CMD):	320 KLD
	Location & area of the STP:	Area : 200 sq. m
	Budgetary allocation (Capital cost):	Rs. 22,50,000 /-
	Budgetary allocation (O & M cost):	Rs. 2,64,000 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Will be used within site premises
Waste generation in the operation Phase:	Dry waste:	517 kg/day
	Wet waste:	775.5 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	28.26 kg/day
	Others if any:	E-waste : 3.54 kg/day


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SEAC-III)

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Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

Mode of Disposal of waste:	Dry waste:	To authorized vendor
	Wet waste:	Treatment of OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E-waste : Will be handed over to authorized vendor
Area requirement:	Location(s):	Shown in plan
	Area for the storage of waste & other material:	84 sq. m
	Area for machinery:	Considered in above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 17,66,464 /-
	O & M cost:	Rs. 5,78,400 /-

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 sent 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

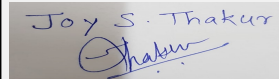
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

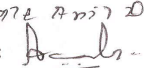
40. Details of Fuel to be used

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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Name: K. Anil D.
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43.Green Belt Development	Total RG area :	RG are required (10 %) : 1096.91 sq. m
	No of trees to be cut :	0
	Number of trees to be planted :	138 trees
	List of proposed native trees :	Provided below
	Timeline for completion of plantation :	Up to completion of project

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

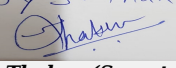
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	19	A medium to large size hardy tree that stand in drought conditions. Attain a much larger size in dry regions.
2	Ficus benghalensis	baniyan tree	02	Large, evergreen shady tree
3	Spathodia campanulata	Pitchkari	09	A handsome large deciduous flowering tree. Good for roadside plantation.
4	Mimosops elengii	Bakul	10	Medium sized evergreen shady tree .Good for roadside planting.
5	Lagerstromia flos-regineae	Taman	10	State flower tree of Maharashtra Medium sized tree with purple flowers, grows well in both dry and humid area
6	Jacaranda mimosifolia	Jacaranda	05	Medium size gracious deciduous, flowering tree which prefers moderate climate.
7	Putranjiva roxburghii	Putranjiva	15	Shady tree with red-yellow flowers
8	Mangifera indica	Mango	14	Large fruit tree
9	Butea monosperma	Palas	16	Small Deciduous. Good for roadside plantation.
10	Psidium guajava	Gauva	10	Fruit Tree
11	Manilkara zapota	Chiku	05	Small hardy tree.
12	Albizia lebbeck	Shirish	15	Shady, large tree, ball shaped flowers
13	Michelia champaca	Sonchafa	07	Medium sized evergreen tree, fragrant yellow 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:

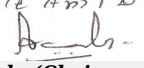
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

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Name: K. Anil D.
Signature: 
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	35 KW
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	1700.68 KW, 2125.86 KVA
	During Operation phase (Demand load):	1007.01 KW , 1258.77 KVA
	Transformer:	2 x 630 KVA
	DG set as Power back-up during operation phase:	140 KVA & 30 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

1. As per MSEDCL requirements, we will use high efficiency Transformer i.e. Level II as per BIS 1180. Losses for Transformer at 50% loading & 100% loading will be as per BIS standards & ECBC norms.
2. We are planning to keep power factor of the common load installation near unity.
3. Following are the Energy efficient fixtures should be used in our project for energy conservation :-
 3.1 Energy efficient LED fixtures are proposed for parking area of all buildings.
 3.2 LED lighting fixtures are proposed for general lighting for common passages, staircase & terrace area.
 3.3 The estimated saving in common area lighting consumption is up to 19.92% due to adopting above measures.
4. Solar Heating System is being proposed for Hot water to be used in toilet of each apartment.
5. V3F drive motors should be used for lifts, which saves 30% energy consumption.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED fixtures, solar hot water & solar PVA panels	19.92 %

50. Details of pollution control Systems

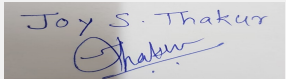
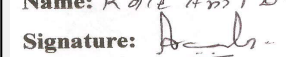
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 72,32,750/-
	O & M cost:	Rs. 1,32,685/-

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	Erosion control - dust suppression measures and barricading	Rs. 1,06,000 /-
2	land	Site Sanitation	Rs. 26,500 /-

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 93 of 171	Name: K. Anil D.  Shri. Anil Kale (Chairman SEAC-III)
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3	Health & safety	Site Safety	Rs.88,000 /-
4	Environment management	Environmental Monitoring	Rs. 1,20,000/-
5	Health & safety	Disinfection and Health Check-ups	Rs. 45,000 /-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	Rs. 22,50,000 /-	Rs. 2,64,400 /-
2	Rain Water Harvesting	04 pits	Rs. 3,00,000 /-	Rs. 20,000 /-
3	Solid Waste Management	1 OWC	Rs. 17,66,464 /-	Rs. 5,78,400 /-
4	Green Belt Development	138 trees	Rs. 17,71,070 /-	Rs. 1,27,517 /-
5	Energy details	LED fixtures, Solar hot water + Solar pV	Rs.72,32,750/-	Rs. 1,32,685/-
6	Environmental Monitoring	MoEFCC approved laboratory	-	Rs. 1,20,000 /-

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

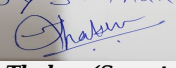
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

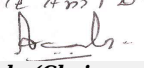
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	12 m & 18 m wide road
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Joy S.Thakur (Secretary SEAC-III)

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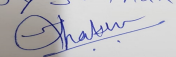
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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	7788.10 sq. m as per Dc rule
	Area per car:	12.5 as per DC rule
	Area per car:	12.5 as per DC rule
	Number of 2-Wheelers as approved by competent authority:	Scooters - 1034 , Cycles -1034
	Number of 4-Wheelers as approved by competent authority:	259
	Public Transport:	Pune city buses
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

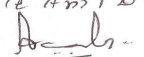
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Joy S. Thakur (Secretary SEAC-III)

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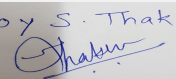
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Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

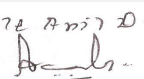
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

SEAC-AGENDA-00000000352

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Name: K. J. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 12000 m², FSI area of 21743.00 m², Non FSI area of 19481.44 m² and total BUA of 41424.44 m².

The building configuration of the proposal is as below:

Building A (Height 36 m): P+12

Building B (Height 36 m): P+12

Building C (Height 36 m): P+12

Building D (Height 36 m): P+12

Building E (Height 3 m): P+1

Club House : G+1

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) **B2**.

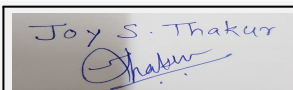
DECISION OF SEAC

During discussion following points emerged:

1. The Committee observed that the part of the plot is covered under HFL area. PP has proposed some services in HFL area. Therefore it was decided to defer the proposal till PP obtains IOD.

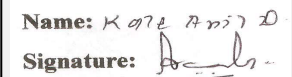
PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:


Joy S. Thakur (Secretary
SEAC-III)

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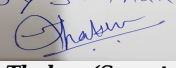
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FINAL RECOMMENDATION

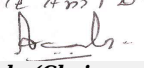
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-0000000352

Joy S. Thakur

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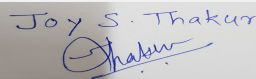
Agenda for 97th SEAC-3 meeting Day 02

SEAC Meeting number: 97 Meeting Date November 6, 2019

Subject: Environment Clearance for "Dynamic Imperia " Residential & Commercial at Survey No. 4/2/1,4/2/2,4/2/4 Pisoli, Pune by Vedant Dynamic Associates

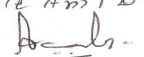
Is a Violation Case: No

1.Name of Project	"Dynamic Imperia " Residential & Commercial at Survey No. 4/2/1,4/2/2,4/2/4 Pisoli, Pune by Vedant Dynamic Associates . Applied for amendment in Environment Clearance granted from Pune Metropolitan Regional Development Authority having EC file no. TPS -1816/CR-443/16-DP Directors / UD-13/4/2017 dated 6.12.2017
2.Type of institution	Private
3.Name of Project Proponent	M/s. Vedant Dynamic Associates through Mr. Rajiv Sonkar
4.Name of Consultant	M/s. ULTRA TECH NABET/EIA/1720/RA0094
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes - Amendment We have received 1st EC vide file no. TPS -1816/CR-443/16-DP Directors / UD-13/4/2017 dated 6 Dec. 2017 from PMRDA
8.Location of the project	Survey No. 4/2/1,4/2/2,4/2/4 Pisoli, Pune
9.Taluka	Haveli
10.Village	Pisoli,
Correspondence Name:	Mr. Rajiv Sonkar
Room Number:	-
Floor:	3rd Floor
Building Name:	Arcadian building
Road/Street Name:	Between 5th & 6th lane, North main road
Locality:	Koregaon Park
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	To be applied on 12/8/2019 IOD/IOA/Concession/Plan Approval Number: To be applied on 12/08/2019 Approved Built-up Area: 38790.92
13.Note on the initiated work (If applicable)	We have started construction as per EC received, partly completed and constructed area is 3659.75 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	17,700 m2
16.Deductions	6639.43 m2
17.Net Plot area	11,060.57 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 24,886.80 m2 b) Non FSI area (sq. m.): 13,904.12 m2 c) Total BUA area (sq. m.): 38790.92
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 24,886.80 m2 Approved Non FSI area (sq. m.): 13,904.12 m2 Date of Approval: 12-08-2019
19.Total ground coverage (m2)	3548.21 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32.00%
21.Estimated cost of the project	900000000


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22.Number of buildings & its configuration

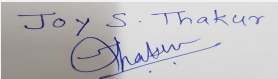
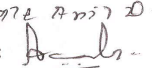
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	LG+UG+Stilt+12 FL.	41.70
2	B	LG+UG+Stilt+12 FL.	41.70
3	C	LG+G+ 2 FL.	12.35
4	D	GR.P+ 4 FL.	16.20
5	Amenity (for E Bldg.)School	STILT+G+ 4 FL.	21.60
6	F	GR+1FL	6.55

23.Number of tenants and shops	Residential- 298 Nos. Commercial complex- 99 Nos.
24.Number of expected residents / users	Residential Population - 1490 Nos. ; Commercial Population - Comm. - 720 nos. , School -975 Nos. Total - 3185 Nos.
25.Tenant density per hectare	298 tenant/hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12m & 24m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement is 9m
29.Existing structure (s) if any	Yes - Amendment We have received EC vide file no. TPS -1816/CR-443/16-DP Directors / UD-13/4/2017 dated 6 Dec. 2017 from PMRDA
30.Details of the demolition with disposal (If applicable)	Not applicable

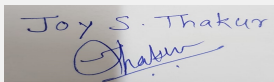
31.Production Details

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

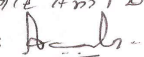
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Dry season:	Source of water	PMC	
	Fresh water (CMD):	169	
	Recycled water - Flushing (CMD):	108	
	Recycled water - Gardening (CMD):	7	
	Swimming pool make up (Cum):	2	
	Total Water Requirement (CMD) :	285	
	Fire fighting - Underground water tank(CMD):	250	
	Fire fighting - Overhead water tank(CMD):	850	
	Excess treated water	145	
Wet season:	Source of water	PMC	
	Fresh water (CMD):	169	
	Recycled water - Flushing (CMD):	108	
	Recycled water - Gardening (CMD):	-	
	Swimming pool make up (Cum):	2	
	Total Water Requirement (CMD) :	277	
	Fire fighting - Underground water tank(CMD):	250	
	Fire fighting - Overhead water tank(CMD):	850	
	Excess treated water	152	
Details of Swimming pool (If any)	1. Main Pool -12m x 6m x 1.2m Depth Water requirement - 86,400Liters Balancing Tank Volume - 5,000 Liters Total water Requirement in KL: -91.4 cum/day Details of Plant & Machinery used for treatment of Swimming pool water: High Rate Sand Filter recirculation Filtration system consist of FRP Filter,Pump, Pool Basin Equipment, Recirculating PVC Plumbing, Cleaning Kit. Details of quality to be achieved for swimming pool water and parameters to be monitored: Chlorine Dosing Systems, Cleaning Kit, Test Kit. pH - 7.5 -8.5; Chlorine - 0.5-0.2 ppm, Total alkalinity - 50-500 ppm, Budgetary allocation (Capital cost): 13.0 lakhs (O&M cost):0.9 lakhs/yr.		
	33.Details of Total water consumed		
Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)


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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:		Summer Season - 32.00 m. to 37.00 m. BGL. (34.50 M. Average) Rainy Season - 12.80 m. to 22.00 BGL. (17.40 M. Average) Winter Season - 22.40 m. to 29.50 m. BGL. (25.95 M. Average)						
	Size and no of RWH tank(s) and Quantity:		Not applicable						
	Location of the RWH tank(s):		Not applicable						
	Quantity of recharge pits:		8 Nos.						
	Size of recharge pits :		a) RWH Pit - 6 no. of Size: 2.0m. X 2.0 m. X 1.5 m. with 6 mm to 60 m of bore b) RWH Pit - 2 nos. of Size 1.75 m X 1.75 m X 1.75 m Depth 6 mm with 6 mm to 60 m of bore						
	Budgetary allocation (Capital cost) :		10.40 Lakhs						
	Budgetary allocation (O & M cost) :		0.50 lakhs per year						
	Details of UGT tanks if any :		Domestic : 307 cum/day Flushing : 108 cum/day Fire : 250 cum/day						
35.Storm water drainage	Natural water drainage pattern:		As per storm water layout						
	Quantity of storm water:		736.32 m3 / hr						
	Size of SWD:		600 mm						
Sewage and Waste water	Sewage generation in KLD:		260						
	STP technology:		MBBR (Anoxic Aerobic Process)						
	Capacity of STP (CMD):		2 Nos. Total capacity - 285 KLD. 240 KLD x 1 No & 45 KLD x 1 No						
	Location & area of the STP:		Above ground (open to sky). Area for 240 KLD - 116.82 m2 , Area for 45 KLD - 25.30 m2 Total Area - 142.12 m2						
	Budgetary allocation (Capital cost):		100.00 Lakhs						
	Budgetary allocation (O & M cost):		13.25 Lakhs per annum						
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:		8500m3 for backfilling and levelling (7000 +1500)						
	Disposal of the construction waste debris:		Topsoil to be preserved & remaining will be used for back filling						
Waste generation in the operation Phase:	Dry waste:		552 kg per day						
	Wet waste:		617 kg per day						
	Hazardous waste:		Not applicable						
	Biomedical waste (If applicable):		Not applicable						
	STP Sludge (Dry sludge):		57 kg per day						
	Others if any:		E waste - 7.00 kg/day						

Mode of Disposal of waste:	Dry waste:	Will be handed over to PMC
	Wet waste:	Will be treated in OWC
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	E-waste - Handover to authorized dealer
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	20 m2
	Area for machinery:	64 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25.50 Lakhs
	O & M cost:	5.77 lakhs 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 sent 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

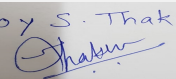
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

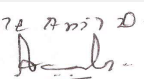
40. Details of Fuel to be used

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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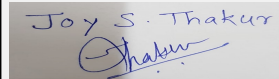
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43.Green Belt Development	Total RG area :	1561.48 m2
	No of trees to be cut :	0
	Number of trees to be planted :	Proposed trees - 155 nos., Planted trees (Amenity) - 34 Nos. , Planted Existing Trees - 30 Nos. Existing trees -186 Nos. out of Retained trees -5 Nos. , Transplanted - 181 Nos.
	List of proposed native trees :	Listed below
	Timeline for completion of plantation :	Partly completed

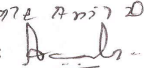
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Michelia Champaka	Chafa	12	Good for ornamental purpose
2	Cassia Fistula	Bahawa	11	Have medical properties & larval host for butterflies
3	Anthocephallus cadamba	Kadamb	11	Good for roadside plantation and provide shade
4	Saraca indica	Sita ashok	11	Spreading, evergreen tree suitable for all types of gardens
5	Bauhinia racemosa	Apta	11	Drought resistant, good air purifier & have medicinal properties
6	Lagerstromia flosreginea	Tamhan	11	Good as a avenue tree, good for group planting around water gardens & ponds
7	Lagerstromia flosreginea	Tamhan	11	Good as a avenue tree, good for group planting around water gardens & ponds
8	Khaya grandis	Mohagani	11	Good for ornamental purpose
9	Khaya grandis	Mohagani	11	Good for ornamental purpose
10	Acrus sapota	Chickoo	11	Fruit bearing tree
11	Psidiumguajava	Guava	11	Fruit bearing tree
12	Annona squamosa	Sitaphal	11	Fruit bearing tree
13	Albizialebeck	Shirish	11	Good for roadside plantation & provide shade
14	Magniferaindica	Mango	11	Fruit bearing tree
15	Total Proposed Nos.	-	155 Nos.	-
16	Planted Trees (on Ground)Amenity Plot	-	-	-
17	Micheliachampaka	Chafa	17	Good for ornamental purpose
18	Anthocephalluscadamba	Kadamb	17	Good for roadside plantation and provide shade
19	Total	-	34 Nos.	-
20	List of Planted Existing trees	-	-	-
21	Swieteniamahagoni	Indian mahogany	17	-
22	Anthocephalluscadamba	Kadamb	13	-
23	Total	-	30 Nos.	-


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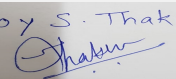
24	List of Trees To be Retained	-	-	-
25	Azadirachtaindica	Kadu limb	3	-
26	Ficusbengalensis	Wad	2	-
27	Total	-	5 Nos.	-
28	List to be transplanted	-	-	-
29	Azadirachtaindica	Kadu limb	27	-
30	Eucalyptus	Nilgiri	21	-
31	Gliricidiasepium	Giripushpa	3	-
32	Punicagranatum	Dalimb	1	-
33	Swieteniamahagani	Indian mahogany	2	-
34	Silver oak	Silver oak	1	-
35	Moringaoleifera	Shevga	4	-
36	Leucaenaleucocephala	Saubabul	121	-
37	Vachellianilotica	Kateri babul	5	-
38	Ficusbengalensis	Wad	2	-
39	Ziziphusmauritiana	Bor	2	-
40	Total	-	181 Nos.	-

45.Total quantity of plants on ground

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

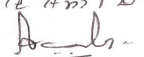
Serial Number	Name	C/C Distance	Area m2
1	Thevetianerifolia	0.90m	-
2	Stachytarpheta	0.45 m	-
3	Plumbagozeylanica	0.45m	-
4	Acoruscalamus	0.30m	-
5	Korphad	0.30m	-
6	Silver oak	0.30m	-
7	Ocimum sanctum	0.30m	-
8	Nerium oleander	0.75m	-
9	Hibiscus	0.60 m	-

47.Energy

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 kW
	DG set as Power back-up during construction phase	82.5 kVA x 1 No
	During Operation phase (Connected load):	1845 KW
	During Operation phase (Demand load):	998 KW
	Transformer:	2 Nos. x 630 kVA
	DG set as Power back-up during operation phase:	1 x 140 kVA ; 1 x 45 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

- Auto Timer Control for external & common lightning
- Use of CFL / LED lamps in all public / common areas
- Solar Powered water heating
- Electronic V3F drives for elevators
- Solar PV Panel power for common area lightning

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	25650 kWh/annum (0.71%)
2	Timer Logic Controller	24892 kWh/annum (0.69%)
3	Electronic V3F drive for Lifts	19060 kWh/annum (0.53%)
4	Solar Water Heater	311112 kWh/annum (8.65%)
5	Total	380714 KWH / Annum (10.59 %)

50. Details of pollution control Systems

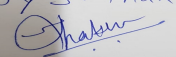
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	70.44 Lakhs
	O & M cost:	3.6 Lakhs per annum

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 & Noise	Water For Dust Suppression	0.9

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2	Air & Noise	Air & Noise monitoring	0.5
3	Water	Tanker water for construction & worker	1.12
4	Water	Water monitoring	0.03
5	Land	Labour toilets 10 Nos. Cleaning 10,000 Rs./month	1.00
6	Biological	Gardening & Excavation	0.95
7	Socio-economic	Disinfection at site, Safety, First Aid, Health Hygiene Facilities, Health Check Up,, Creches for children & Personal Protective Equipment	5.7
8	Total	-	10.2

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 Cost	2 No. of STP 240 X1 (A to F Buildings) 45 X1 (for school)	100.00	13.25
2	Rain Water Harvesting	8 nos. of recharge pits	10.40	0.50
3	Environmental Monitoring	-	-	0.60
4	Gardening	Plantation of native trees	12.00	3.55
5	Solid waste	2 Nos. of OWC	25.50	5.77
6	Energy	Energy saving measures	70.44	3.6
7	Swimming pool	1 No.	13.00	0.9
8	Storm water & drainage line	Drainage line	18.51	3.60
9	Total	-	249.85	31.77

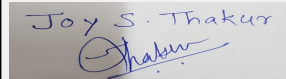
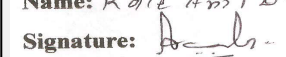
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

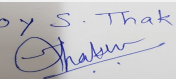
52.Any Other Information

No Information Available

53.Traffic Management

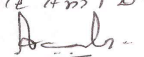
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	Nos. of the junction to the main road & design of confluence:	2 Nos.
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Total Cover Parking - 7633.20 m2 Open parking - 1264.40 m2 Total = 8897.60 m2 For School : Total Cover Parking - 177.00 m2 Open parking - 588.60 m2 Total = 765.6 m2
	Area per car:	30
	Area per car:	30
	Number of 2-Wheelers as approved by competent authority:	813 nos
	Number of 4-Wheelers as approved by competent authority:	186 nos.
	Public Transport:	Nearest bus stop - Pisoli Gaon Bus Stop
	Width of all Internal roads (m):	12 m , 15 m & 24 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 Km
	Category as per schedule of EIA Notification sheet	8a (B2)
	Court cases pending if any	Not applicable
	Other Relevant Informations	We have received 1st EC vide file no. TPS -1816/CR-443/16-DP Directors / UD-13/4/2017 dated 6 Dec. 2017 from PMRDA Now we are applying for Amendment due to change in FSI & NON FSI Area as per DCR Rule
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	

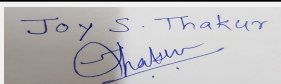
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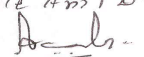
Name: K. Anil D.
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	


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PP had submitted application for amendment in Environmental clearance for total plot area of 17700 m2, FSI area of 24886.8 m2, Non FSI area of 13904.12 m2 and total BUA of 38790.92 m2. PP holds previous EC from PMRDA dt. 06.12.2017.

The building configuration of the proposal is as below:

Building A (Height 41.70 m) : LG+UG+St+12

Building B (Height 41.70 m) : LG+UG+St+12

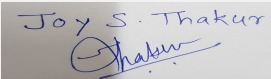
Building C (Height 12.35 m) : LG+G+2

Building D (Height 16.20 m) : Gr.P+1

Amenity School Building E (Height 6.55 m) : G+1

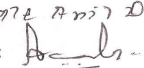
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


**Joy S. Thakur (Secretary
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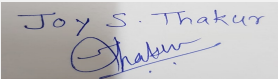
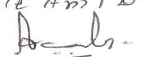
Name: K. Anil Kale

**Signature: Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

1. PP has proposed CER deleting 10 Cr as completed project however only one building is completed. PP to reduce only amount for which competition certificate is received and submit revised CER.
2. Fire tender plan to be revised to have continuous 6 m drive way and without any break at the school building. Fire tender shall be able to cover and circulate all over the property including school building.
3. All lateral pipes shown in the drive way shall be removed and clear drawing shall be submitted.
4. PP to submit cross sections of drive way at 4 different places including near the school.
5. Parking layout plan shall be revised for all three levels indicating clear drive way of 5 m.
6. Mechanical parking shown behind the shops to be removed and conventional parking to be made independent of residential area.
7. PP to submit basement approval plan and basement ventilation plan.
8. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.
9. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
10. PP to enter into agreement with all would be purchasers that all residential building amenities / services will remain common.
11. PP stated that a storm water drain is proposed on 24 m wide DP road. PP to obtain specific NOC from the competent authority and design the drain considering discharge from adjacent properties.
12. PP to submit details of sewage line up to final disposal point.
13. PP to revise EMP considering cost of swimming pool etc. PP to submit separate EMP for school.
14. PP to submit fire NOC for A wing (9th to 12th floor) and D wing (12th floor).
15. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.
16. PP to submit undertaking for transplantation of 60 numbers of trees. PP to submit tree cutting NOC for 121 trees.
17. PP to submit survival report of 700 existing trees. PP to submit plantation plan for 553 trees incorporating local native fruit bearing trees.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

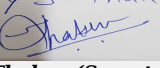
Specific Conditions by SEAC:

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FINAL RECOMMENDATION

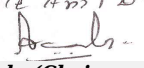
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-0000000352

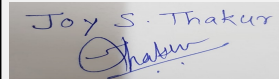
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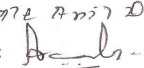
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Application for Environmental Clearance for residential project at Pirangut	
Is a Violation Case: No	
1.Name of Project	Residential construction project (FLORENCE)
2.Type of institution	Private
3.Name of Project Proponent	Kalyanee Fortune Properties
4.Name of Consultant	Not Yet appointed
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	Not applicable
8.Location of the project	Gat No. 148/1,149,150,151and 254
9.Taluka	Mulshi
10.Village	Pirangut
Correspondence Name:	Mr. Nilesh Agarwal
Room Number:	0
Floor:	2 nd floor
Building Name:	Gulmohar Building
Road/Street Name:	east street
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MHADA applicable
15.Total Plot Area (sq. m.)	25320
16.Deductions	5888.26
17.Net Plot area	19431.74
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 43375.67 b) Non FSI area (sq. m.): 17300.04 c) Total BUA area (sq. m.): 60676
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval: 01-08-2018
19.Total ground coverage (m2)	10462..40
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	41.32 %
21.Estimated cost of the project	980000000
22.Number of buildings & its configuration	


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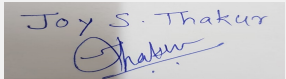
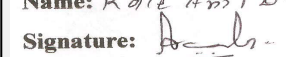
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	P+13	40.05
2	Wing B	P+13	40.05
3	Wing C	P + 13	40.05
4	Wing D	P + 13	40.05
5	Wing E	P + 13	40.05
6	Club House	G +1	7.65

23.Number of tenants and shops	Tenements: 1056
24.Number of expected residents / users	Residential: 5280
25.Tenant density per hectare	250 tenements/hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	36 m
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

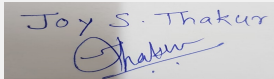
31.Production Details

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

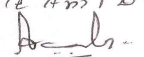
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Dry season:	Source of water			Pirangut Grampanchyat						
	Fresh water (CMD):			486						
	Recycled water - Flushing (CMD):			238						
	Recycled water - Gardening (CMD):			19						
	Swimming pool make up (Cum):			1.42						
	Total Water Requirement (CMD) :			743						
	Fire fighting - Underground water tank(CMD):			375						
	Fire fighting - Overhead water tank(CMD):			100						
	Excess treated water			393						
Wet season:	Source of water			Pirangut Grampanchyat						
	Fresh water (CMD):			486						
	Recycled water - Flushing (CMD):			238						
	Recycled water - Gardening (CMD):			0						
	Swimming pool make up (Cum):			1.42						
	Total Water Requirement (CMD) :			724						
	Fire fighting - Underground water tank(CMD):			375						
	Fire fighting - Overhead water tank(CMD):			100						
	Excess treated water			412						
Details of Swimming pool (If any)				Dimension of Swimming Pool: Area of swimming pool - 39.24 Sqm Total water Requirement in KLD:47 KLD Water requirement for make up in KLD: 1.42 KLD						
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	431	431	Not applicable	43	43	Not applicable	388	388	

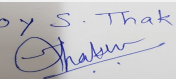

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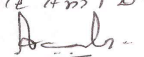
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	28 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6
	Size of recharge pits :	1.5 m. X 1.5 m. X 1.5m. size.
	Budgetary allocation (Capital cost) :	4.5 /- lakhs
	Budgetary allocation (O & M cost) :	0.225/- Lakhs pa
	Details of UGT tanks if any :	Domestic : 730 KL Fire fighting : 375 KL Flushing : 260 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	1519.2 m2/day
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	650
	STP technology:	MMBR
	Capacity of STP (CMD):	650 (1)
	Location & area of the STP:	As per layout Area: 331.80 sqm
	Budgetary allocation (Capital cost):	138 Lakhs
	Budgetary allocation (O & M cost):	14 lakhs p.a.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of total raw material
	Disposal of the construction waste debris:	As filling material on same site
Waste generation in the operation Phase:	Dry waste:	1056 kg/day
	Wet waste:	1584 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	70.10 kg/day
	Others if any:	E waste: 2640 kg/year

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Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Mechanical composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Through mechanized composting machine
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	As per contour
	Area for the storage of waste & other material:	20 sqm
	Area for machinery:	110 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	40.25 lakhs
	O & M cost:	8.24 lakhs p.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7 -8.5	6.5 -7.5	Not applicable
2	COD	mg/l	300-400	<30	Not to exceed 100mg/l
3	BOD	mg/l	250-300	<10	not to exceed 10mg/l
4	SS	mg/l	350-450	<5	not to exceed 50 mg/l
5	Oil and grease	mg/l	10	<5	Not applicable
6	TDS	mg/l	-	<1000	Not applicable
7	Total nitrogen	mg/l as N	40-50	< or equal to 5	Not applicable
8	Ammnical nitrogen as N	mg/l	--	< or equal to 1	Not applicable
9	Total phosphohate	mg/l	5-7	< or equal to 2	Not applicable
10	Faecal Coliform	MPN/100 ml	10000000	Nil	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

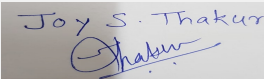
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38. Hazardous Waste Details

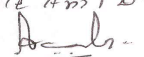
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details


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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

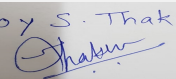
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	2652.50 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	308
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	2 years

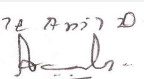
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebek	Shirish	8	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
2	Cordia dichotoma	Bhokar	8	Medicinal value, Edible fruits,
3	Bauhinia blackiana	Bauhinia blackiana	12	Every part of the plant is medicinal, Drought tolerant species.
4	Ficus glomerata	Umber	12	Medicinal value, Edible fruits, Bird attracting species
5	Butea monosperma	Palas	8	Medicinal value, Bird attracting species , To control soil erosion.
6	Anthocephalus kadamba	Kadamb	12	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
7	Azadirachta indica	Neem	23	Medicinal value, To control soil erosion. To improve soil erosion
8	Dalbergia sissoo	Shisav	8	Medicinal value, Bird attracting species ,
9	Ficus arnottiana	Payar	12	Drought tolerant species, Bird attracting species. To control soil erosion.
10	Bauhinia purpurea	Gulabi kanchan	12	Every part of the plant is medicinal ,Drought tolerant species.

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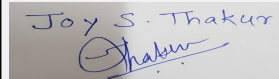
11	Ficus retusa	Nandruk	8	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
12	Pongamia pinnata	Karanj	8	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
13	Mangifera indica	Mango	12	Edible fruit, Bird attracting species.
14	Michelia champaca	Sonchafa	12	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
15	Cassia fistula	Bahawa	08	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
16	Bahunia racemosa	Apta	16	Every part of the plant is medicinal, Drought tolerant species
17	Nyctanthus arbortristis	Parijatak	16	Fragrant flowers, Medicinal value,
18	Erythrina indica	Pangara	16	Fragrant flowers, Drought tolerant species, Birds attracting
19	Putrnjiva roxburghii	Putrnjiva	12	Medicinal value, Drought tolerant species,
20	Gmelina arborea	Shivan	13	Medicinal value, Drought tolerant species, Bird attracting species.
21	Mimosops elengii	Bakul	12	Fragrant flowers, Medicinal value, To control soil erosion.
22	Schleichera oleosa	Kusum	12	Native species, Fragrant flowers
23	Aegle marmelos	Bel	12	Medicinal value, Drought tolerant species.
24	Murraya exotica	Kamini	12	Native species, Fragrant flowers
25	Caryota urens	Fishtail palm	12	Grown in any type of soil. Very Hardy.
26	Melia Azaradichta	Bakam neem	12	Medicinal value, Native species Bird attracting species.
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

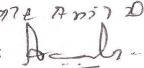
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	3147 KW
	During Operation phase (Demand load):	2833.34 KW
	Transformer:	4 Nos. of 630 KVA, 1 Nos. of 315 KVA
	DG set as Power back-up during operation phase:	1 Nos. of 320 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA
48. Energy saving by non-conventional method:		
Auto Timer control for external & Common lighting Use of CFL / LED lamps in all public/ common areas. Solar powered water heating . Electronic V3F Drives for Elevators Solar PV Panel power for common area lighting.		
49. Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	48000 KWH / Anum
2	Timer Logic Controller	100357 KWH / Anum
3	Electronic V3F drive for Lifts	48195 KWH / Anum
4	Solar Water Heater	1106640 KWH / Anum
50. Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Water pollution	Not applicable	STP
Noise Pollution	Not applicable	Acoustic encloser to DG set
Solid waste management	Not applicable	Mechanical composting unit
Air pollution due to traffic and DG set	Not applicable	Canopy, green bealt
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	132/- lakhs
	O & M cost:	4.16 /-lakhs/pa


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51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	dust suppression measures, barricading and top soil preservation	0.20
2	Site Sanitation & Safety	Proper channel for water and drainage	0.50
3	Environmental Monitoring	Air, water, soil, and noise monitoring	0.35
4	Disinfection	pest control	0.30
5	Health Check up	Health camp	0.20

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment	Installation and operation phase	139.50	13.95
2	Solid waste management	mechanical composting unit installation and operation phase	40.25	8.24
3	Rain water harvesting	construction of recharge pits and bore with internal piping	4.5	0.25
4	Rain water harvesting	construction of recharge pits and bore with internal piping	4.5	0.25
5	Landscape	Plantation	42.83	6.86
6	Energy	energy conservation measures	312	4.16

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

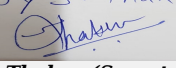
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

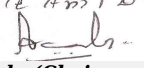
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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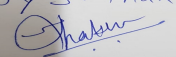
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Name: K. Anil D.
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 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	9127.60 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	1979
	Number of 4-Wheelers as approved by competent authority:	14
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	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) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

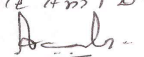
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 25320 m², FSI area of 43375.67 m², Non FSI area of 17300.04 m² and total BUA of 60676 m².

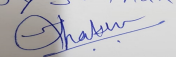
The building configuration of the proposal is as below:

Wing A, B, C, D & E (Height 40.05 m) : P+13

Club House : (Height 7.65 m) : G+1

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

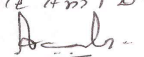
DECISION OF SEAC

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During discussion following points emerged:

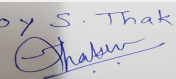
1. In CER, PP to submit exact numbers and location of tree plantation and solar units. PP to delete activity of road development in front of plot and drainage work from CER activity and undertake some activity useful for community like provision of electric cremation.
2. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.
3. PP to revise EMP considering cost for laying of sewer line.
4. PP to submit cross section of existing nalla passing across the property.
5. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management. (e) Garden NOC.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

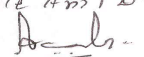
FINAL RECOMMENDATION

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

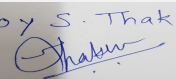
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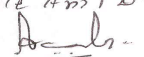
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
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Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Proposed Construction project by M/s Creative Realty	
Is a Violation Case: No	
1.Name of Project	"Wisdom Homes"
2.Type of institution	Private
3.Name of Project Proponent	Mr.Suresh Kalani
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
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	NA
8.Location of the project	S.No 149/4/1/1(P),149/1 & 3,151/1/1(P)
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr.Inderpal Papneja
Room Number:	-
Floor:	-
Building Name:	Ujapur Prints
Road/Street Name:	Opposite Deonar Bus stop, Off Sion-Trombay road,
Locality:	Deonar
City:	Mumbai-88
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: B.P/WAKAD/56/2019 Approved Built-up Area: 6794.99
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable-1184.51 m2
15.Total Plot Area (sq. m.)	8533.00 m2
16.Deductions	2638.12 m2
17.Net Plot area	5894.88 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14122.75 b) Non FSI area (sq. m.): 14648.56 c) Total BUA area (sq. m.): 28771.31
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 1849.09 Approved Non FSI area (sq. m.): 4945.90 Date of Approval: 30-03-2019
19.Total ground coverage (m2)	1028.11 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12.04 % of Total Plot area (8533.00 m2) & 17.44 % of Net Plot area (5894.88 m2)
21.Estimated cost of the project	500000000
22.Number of buildings & its configuration	

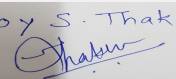
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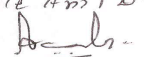
Name: K. Anil D.
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Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A	B+P+18	58.35 m	
2	Wing B	B+P+18	58.35 m	
3	Wing C	B+P+19	61.25 m	
4	Wing D	P+12	40.95 m	
23.Number of tenants and shops	Total Tenements -287 Nos. Offices-04 Nos.& Gym - 2 No.			
24.Number of expected residents / users	Residential Users: 1435 Nos. Commercial Users: 33 Nos. Total Users: 1468 Nos.			
25.Tenant density per hectare	203			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24.00 m wide DP 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	Old Existing site office.			
30.Details of the demolition with disposal (If applicable)	Old Existing site office will be demolished & debris will be used for landfilling.			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA
32.Total Water Requirement				

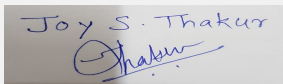
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Name: K. Anil Kale
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Dry season:	Source of water			PCMC						
	Fresh water (CMD):			215.22 m3/day (One time)						
	Recycled water - Flushing (CMD):			65.41 m3/day						
	Recycled water - Gardening (CMD):			15.00 m3/day						
	Swimming pool make up (Cum):			NA						
	Total Water Requirement (CMD) :			134.81 m3/day						
	Fire fighting - Underground water tank(CMD):			400 m3						
	Fire fighting - Overhead water tank(CMD):			80 m3						
	Excess treated water			99.78 m3/day						
Wet season:	Source of water			PCMC						
	Fresh water (CMD):			200.22 m3/day (One time)						
	Recycled water - Flushing (CMD):			65.41 m3/day						
	Recycled water - Gardening (CMD):			NA						
	Swimming pool make up (Cum):			NA						
	Total Water Requirement (CMD) :			134.81 m3/day						
	Fire fighting - Underground water tank(CMD):			400 m3						
	Fire fighting - Overhead water tank(CMD):			80 m3						
	Excess treated water			114.78 m3/day						
Details of Swimming pool (If any)				Dimension of Swimming Pool: NA Total water Requirement in KLD: NA Water requirement in KLD: NA Details of Plant & Machinery used for treatment of Swimming pool water:NA Budgetary allocation (Capital cost and O & M cost):NA						
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	NA	NA	NA	NA	NA	NA	NA	NA	NA	

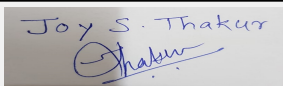

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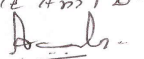
Name: K. Anil Kale
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 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	6.00 m to 8.00 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	06 Nos.
	Size of recharge pits :	2.0 m x 2.0 m x 3.0 m depth
	Budgetary allocation (Capital cost) :	Rs. 15.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.42 Lakh/Year
	Details of UGT tanks if any :	Domestic UG tank Capacity: 217.22 m3 Flushing UG tank Capacity: 120.60 m3 Fire UG tank Capacity:400.00 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	3005.83m3/year
	Size of SWD:	600 mm dia.
Sewage and Waste water	Sewage generation in KLD:	180.19 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No.& Capacity-185.00 m3/day
	Location & area of the STP:	Area-85.00 m2
	Budgetary allocation (Capital cost):	Rs.54.00 Lakh
	Budgetary allocation (O & M cost):	Rs.12.42 Lakh / Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	40 kg/day
	Disposal of the construction waste debris:	Use for Leveling
Waste generation in the operation Phase:	Dry waste:	292.00 kg/day
	Wet waste:	434.00 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Authorized Vendor
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	48.00 m2 including machinery area
	Area for machinery:	Included in other material area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.75 Lakh
	O & M cost:	Rs.3.05 Lakh/Year

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

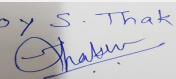
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

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	160 KVA - 1No.	HSD-43.00 Ltr/Hr @ 100% load	S-1	6.5 Mtr.	will be provided	will be provided

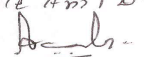
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	NA	43.00 Ltr/Hr	43.00 Ltr/Hr
41.Source of Fuel		Bharat Petroleum Corporation Ltd/ Hindustan Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		

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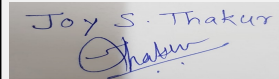
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43.Green Belt Development	Total RG area :	719.00 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	129 Nos.
	List of proposed native trees :	129 Nos.
	Timeline for completion of plantation :	Mid of Construction

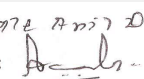
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusopse elengi	Bakul	06	Shady tree, Small white fragrant flower
2	Neolamarckia cadamba	Kadamab	07	Fruit bearing tree attract birds
3	Pongamia pinnata	Indian Beech	06	Good medicinal use
4	Bauhinia pupuria	Rakta kanchan	06	Fragrant flowers or leaves, Plant for Pooja, Evergreen tree
5	Michellia chamapaka	Sonchapa	05	Flower butterfly ize evergreen tree, fragrant yellow
6	Lagerstromia flosregina	Jarul	05	Creates shade, attracts birds/butterflies/bees, Good for screening
7	Albizia lebbeck	Shirish	06	Fragrant flowers or leaves attracts birds/butterflies/bees, Drought tolerant
8	Mangifera indica	Mango	06	Tall evergreen tree with fruit bearing
9	Artocarpus heterophyllus	Jackfruit	05	Tall evergreen tree with fruit bearing
10	Syzygium cumini	Jamun	06	Tall evergreen tree with fruit bearing
11	Saraca indica	Sita Ashok	05	Fragrant flowers or leaves attracts birds/butterflies/bees, Deep green, Shiny foliage
12	Butea monosperma	Palas	07	Fragrant flowers or leaves, Flowers covering the entire crown Plant for Pooja
13	Azardirachta indica	Neem	03	Plant for Pooja/evergreen fragrant flowers or leaves quick growing/insect repellent
14	Khaya grandis	Khaya	03	Evergreen tree
15	Cassia fistula	Golden Shower	02	Auspicious attracts birds/bees/butterflies/hanging or weeping growth
16	Ailanthus excelasa	Maharukh	03	Tall evergreen tree
17	Bauhinia racemosa	Apta	03	Shady tree, small white fragrant flower
18	Poltalthia longifolia	Ashok	06	Ornamental tree
19	Kailashpati couroupita	Kailshpati	06	Evergreen tree with fruit bearing


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20	Putranjiva roxburghi	Putranjiva	07	Evergreen tree with medicinal use
21	Nyctabthes arbor-tristis	Parijat	06	Small flowering tree
22	Plumeria alba	Chapha	06	Evergreen tree with fragrant flowers
23	Manilkara zapota	Chikoo	08	Fruit bearing tree
24	Tabebuia rosea	Pink Poui	06	Flowering tree attracts birds

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	NA	NA	NA

47.Energy

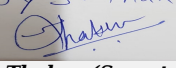
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA- 1 No
	During Operation phase (Connected load):	1168 KW (1298 KVA)
	During Operation phase (Demand load):	1038 KVA
	Transformer:	22/630 KVA - 1 No.
	DG set as Power back-up during operation phase:	160 KVA - 1 No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48.Energy saving by non-conventional method:

- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches will be provided for Street lights, Garden lights, Parking & staircase Lights & other common area Lights, for saving electrical energy.
- Water level controllers with timers will be used for Water pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings LED lights.

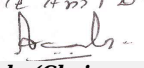
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Percentage Savings Per Day. For Total Annual Savings in KWH for Solar Power, Hot Water & LED Lighting Details	20.83 %

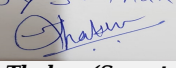
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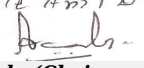
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2	Percentage Savings Per Day. For Total Annual Savings in KWH For Solar Power & Solar Hot Water Details		15.86 %	
50.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
Air	-		Green belt will be provided	
Water	-		STP will be installed & excess treated water used for flushing & gardening	
Noise	-		Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.	
Solid Waste	-		Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH	
Budgetary allocation (Capital cost and O&M cost):		Capital cost:	Rs.42.00 Lakh	
		O & M cost:	Rs. 0.84 Lakh/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 for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year	
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year	
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year	
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year	
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	Capacity-185 m3/day	54.00 Lakh	12.42 Lakh/Year
2	RWH	Rain water Harvesting	15.00 Lakh	0.42 Lakh/Year
3	MSW	OWC	14.75 Lakh	3.05 Lakh/Year
4	Energy System	-	42.00 Lakh	0.84 Lakh / Year
5	Landscaping	-	13.80 Lakh	1.50 Lakh/Year
6	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
7	Post EC Monitoring	-	-	2.50 Lakh/Year
8	Dry Waste Management	-	-	1.72 Lakh/Year

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

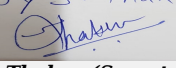
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

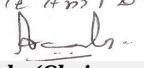
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	1 No. & Area = 1638.42 m ²
	Number and area of podia:	NA
	Total Parking area:	7162.36 m ²
	Area per car:	48.39 m ²
	Area per car:	48.39 m ²
	Number of 2-Wheelers as approved by competent authority:	586 Nos.
	Number of 4-Wheelers as approved by competent authority:	148 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.0 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	-

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

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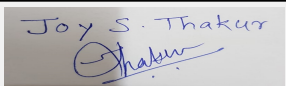
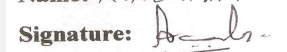
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 134 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 8533 m², FSI area of 14122.75 m², Non FSI area of 14648.56 m² and total BUA of 28771.31 m².

The building configuration of the proposal is as below:

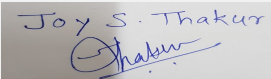
Building A & B (Height 58.35 m) : B+P+18

Building C (Height 61.25 m) : B+P+19

Building D (Height 40.95 m) : P+12

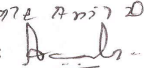
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


**Joy S. Thakur (Secretary
SEAC-III)**

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of 171**

Name: K. Anil D.

**Signature: Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

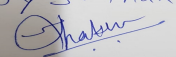
1. PP to revise slope of fire tender drive way to 1:20 to ease movement and circulation of fire tender. PP to submit cross sections.
2. Parking plan at basement shall be revised indicating the ramps at the entry and exit and circulation with minimum drive way of 5 m without any obstructions.
3. PP to submit basement approval plan and basement ventilation plan.
4. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.
5. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
6. PP to submit details and drawings of internal storm water and sewer line up to final disposal point.
7. PP to submit specific NOC from competent authority to for laying sewer line below nalla. PP to submit design details.
8. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
9. PP stated that he will give occupation at an instance. PP to submit undertaking for the same.
10. PP to submit UGT details.
11. PP to submit undertaking regarding non-withdrawal of ground water.
12. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Drainage NOC.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

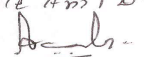
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

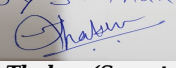
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Name: K. Anil D.
Signature: 

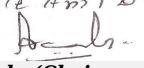
**Shri. Anil Kale (Chairman
SEAC-III)**

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Environment Clearance for Proposed IT Building at Plot no.29, MIDC IT/ ITES-SEZ, Rajiv Gandhi Infotech Park, Hinjewadi Phase 3, Pune 411057 by M/s Aurus Tech Pvt. Ltd.	
Is a Violation Case: No	
1.Name of Project	Environment Clearance for Proposed IT Building at Plot no.29, MIDC IT/ ITES-SEZ, Rajiv Gandhi Infotech Park, Hinjewadi Phase 3, Pune 411057 by M/s Aurus Tech Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Ratilal Mutha for M/s Aurus Tech Pvt. Ltd.
4.Name of Consultant	VK:e Environmental LLP, Pune
5.Type of project	IT building project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot no.29, MIDC IT/ ITES-SEZ, Rajiv Gandhi Infotech Park, Hinjewadi Phase 3, Pune 411057
9.Taluka	Mulshi
10.Village	Hinjewadi
Correspondence Name:	Mr. Rahul Ratilal Mutha for M/s Aurus Tech Pvt. Ltd.
Room Number:	Not applicable
Floor:	Not applicable
Building Name:	Not applicable
Road/Street Name:	Nigdi Pradhikaran
Locality:	Nigdi
City:	Pune- 411044
11.Whether in Corporation / Municipal / other area	MIDC, Hinjewadi
12.IOD/IOA/Concession/Plan Approval Number	under process IOD/IOA/Concession/Plan Approval Number: under process Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	13000
16.Deductions	1300
17.Net Plot area	11700
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 23400 b) Non FSI area (sq. m.): 29475 c) Total BUA area (sq. m.): 52875
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 20-09-2019
19.Total ground coverage (m2)	7615
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	65.08%
21.Estimated cost of the project	1059340379
22.Number of buildings & its configuration	

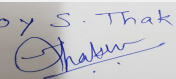
Joy S. Thakur

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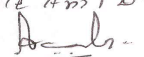
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	IT Tower 1	LG+UG+P+7	44.7 (From zero level), 39.8 (From Avg Ground Level)	
23.Number of tenants and shops	1 office building			
24.Number of expected residents / users	Commercial users : 2507 , No. Visitors : 125, Total Population: 2632			
25.Tenant density per hectare	Not applicable as it is a commercial building			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Project is accessible from 60 m wide road. The nearest fire station is : MIDC Ultra-Modern Fire Station, Distance : 1.57 kms			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m turning radius is provided for easy fire tender access.			
29.Existing structure (s) if any	Not applicable			
30.Details of the demolition with disposal (If applicable)	Not 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				

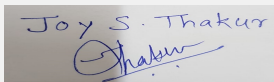
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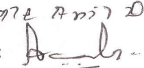
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	MIDC								
	Fresh water (CMD):	71 (For Domestic use) + 19 (For HVAC cooling) Total-90 KLD								
	Recycled water - Flushing (CMD):	51 (Flushing) + 37 (Recycled water for HVAC Makeup) Total 88 KLD								
	Recycled water - Gardening (CMD):	18 KLD + 1KLD (For Landscape water body) Total -19 KLD								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	197								
	Fire fighting - Underground water tank(CMD):	2 Nos 100 KLD each								
	Fire fighting - Overhead water tank(CMD):	60 KLD each								
	Excess treated water	00								
Wet season:	Source of water	MIDC								
	Fresh water (CMD):	71								
	Recycled water - Flushing (CMD):	51 KLD (Flushing) + 56 KLD (Recycled water for HVAC Makeup) Total -107 KLD								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	178								
	Fire fighting - Underground water tank(CMD):	2 Nos 100 KLD each								
	Fire fighting - Overhead water tank(CMD):	60 KLD each								
	Excess treated water	00								
Details of Swimming pool (If any)		Not applicable								
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	

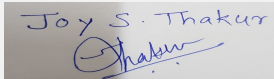

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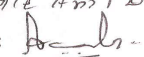
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon : 9 m ; Pre monsoon : 20 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	4 no's
	Size of recharge pits :	Recharge Pit size : 2 x 2 x 2 m; Bore well : 0.160 m diameter and 60 m depth
	Budgetary allocation (Capital cost) :	Rs. 4,00,000/-
	Budgetary allocation (O & M cost) :	Rs. 30,000/-
	Details of UGT tanks if any :	Domestic Water Tank : 75 cum Flushing Water Tank : 57 cum
35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours
	Quantity of storm water:	220 m ³
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	112
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No. of STP of 115 KLD
	Location & area of the STP:	Upper ground level, Total Area is 72 sq.m.
	Budgetary allocation (Capital cost):	Rs. 17,50,000/-
	Budgetary allocation (O & M cost):	Rs. 1,43,000/-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	60 kg/day (Wet + Dry)
	Disposal of the construction waste debris:	The maximum construction waste will be used within the site for leveling purpose and base course preparation of internal approach roads.
Waste generation in the operation Phase:	Dry waste:	545 kgs/day
	Wet waste:	613 kgs/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	11.3 kg/day
	Others if any:	E-waste- 7.2 kgs/day


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Mode of Disposal of waste:	Dry waste:	Handed over to authorized vendor
	Wet waste:	Wet waste will be treated in onsite organic waste converter machine
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Handed over to authorized vendor
Area requirement:	Location(s):	Lower ground level
	Area for the storage of waste & other material:	Included in machine area
	Area for machinery:	60 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20,75,000/-
	O & M cost:	Rs. 4,30,000/-

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

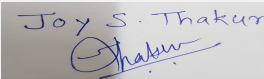
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

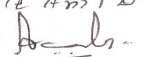
40.Details of Fuel to be used

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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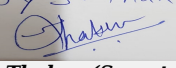
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SEAC-III)

43.Green Belt Development	Total RG area :	1300.15
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	170
	List of proposed native trees :	refer the list below
	Timeline for completion of plantation :	till operation phase

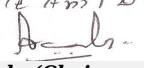
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygium cumini	Jambhul tree	12	A large size tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds
2	Millingtonia hortensis	Indian cork tree	10	A columnar evergreen tree, grows well in both dry and moist regions
3	Lagerstromia flos-regineae	Tamhan	11	State flower tree of Maharashtra, medium sized tree, beautiful purple flowers, grows well in both dry and humid climate
4	Pongamia pinnata	Karanj	13	Large tree good for stopping soil erosion along canal banks
5	Azadirachta indica	Neem tree	10	A medium to large sized hardy tree which stands in drought conditions. Air purifying quality and attains a larger size in dry regions
6	Cassia fistula	Bahava	12	Small deciduous tree, excellent bright flowering tree for arid regions
7	Ficus benjamina	Weeping fig	10	Medium sized evergreen tree with elegant appearance and moderate water requirement
8	Plumeria alba	Champa	10	Ornamental flowering tree
9	Michelia champaca	Sonchapha	9	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
10	Polyalthia longifolia	Ashoka	10	Large evergreen tree, effective in decreasing noise pollution
11	Mangifera indica	Mango	15	Large evergreen and fruit bearing tree
12	Albizia lebeck	Shirish	10	Shady, large tree, ball shaped flowers
13	Psidium guajava	Guava	18	Medium sized fruit bearing tree
14	Annona squamosa	Sitaphal	10	Medium sized fruit bearing tree
15	Phyllanthus emblica	Awla	10	An important medicinal plant in the traditional Indian system of Ayurvedic medicine
45.Total quantity of plants on ground				

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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	Allamanda Yellow	0.45	60
2	Asparangus Sprengeri	0.30	53
3	Ixora Red	0.30	120
4	Wedelia trilobata	0.15	75
5	Rhoeo	0.30	28
6	Plumbago capensis	0.45	530

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	120 kVA
	DG set as Power back-up during construction phase	1 no. X 120 kVA
	During Operation phase (Connected load):	3478 kVA
	During Operation phase (Demand load):	2538 kVA
	Transformer:	1 nos. X 2500 kVA
	DG set as Power back-up during operation phase:	3 no's x 1000 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

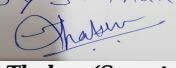
30 NOS 72 W External lights with stand-alone solar panel
 LED lighting in common areas
 Elevators having motors with VFD
 Total energy Saving: 15 %

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy saving due to LED lighting in external areas with stand alone solar panel	100 %
2	LED lighting in common areas of the building	44.40 %
3	Lifts having motors with VFD	15 %
4	Solar PV Cells	100 %

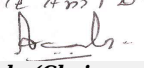
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 33,00,000/-
	O & M cost:	Rs.1,78,000/-

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	Erosion control - dust suppression measures, barricading and top soil preservation	6.73
2	Land	Labor Camp toilets & sanitation	14.40
3	Health and Safety	Personal Protective Equipment	12
4	Health and Safety	Health checkup & Disinfection	1.41
5	Environment Management	Environment management cell	1.85
6	Environmental Monitoring	Environmental Monitoring	1.85

b) Operation Phase (with Break-up):

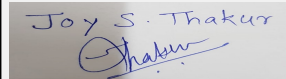
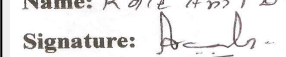
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	STP -MBBR Technology	17.5	10.43
2	Solid Waste Management	1 OWC Machine	20.75	4.30
3	Landscaping	Development and Maintenance	14.80	1.18
4	Rain Water Harvesting	Recharge pits	4.0	0.30
5	Energy Saving	Solar PV Panels	33	1.78
6	Environmental Monitoring	-	1.85	-
7	Lightening Arrester	Lightening Arrester	3.0	0.15

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

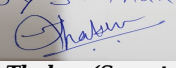
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

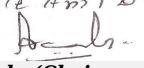
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 144 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	Proposed site is located at Hinjewadi Phase 3. The road network within the site has been designed to cater to the traffic loads of the project, Internal 6 m Driveway will be provided
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	1 Podium of Area : 4726 sq.m.
	Total Parking area:	15658.56 sq. mt.
	Area per car:	12.50 sq. mt.
	Area per car:	12.50 sq. mt.
	Number of 2-Wheelers as approved by competent authority:	241
	Number of 4-Wheelers as approved by competent authority:	560
	Public Transport:	Not applicable
	Width of all Internal roads (m):	6 m. wide internal road and 9 m. turning radius will be provided
	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	8a Building and Construction Projects
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

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Shri. Anil Kale (Chairman SEAC-III)

Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

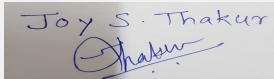
PP had submitted application for prior Environmental clearance for total plot area of 13000 m², FSI area of 23400 m², Non FSI area of 29475 m² and total BUA of 52875 m².

The building configuration of the proposal is as below:

IT Tower 1 : LG+UG+P+7 : (Height 44.7 m from zero level and 39.8m from avg Ground Level).

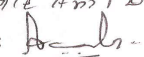
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


Joy S. Thakur (Secretary
SEAC-III)

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Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

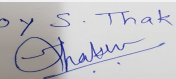
1. PP to submit approved plan for stack parking from MIDC.
2. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
3. PP to submit revised drawing for internal storm water alignment indicating RWH pits only for terrace / roof top water.
4. PP to submit details of sewage line upto final disposal point.
5. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
6. PP to submit energy saving details.
7. PP to submit justification how ZLD will be maintained during rainy season.
8. PP to submit carbon foot print report.
9. PP to submit details of UGT.
10. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC.
11. PP to submit plantation plan for 170 trees incorporating local native fruit bearing trees.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

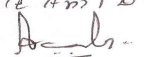
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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Name: K. Anil Kale
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Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02

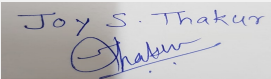
SEAC Meeting number: 97 Meeting Date November 6, 2019

Subject: Environment Clearance for Environment Clearance for Proposed Residential Building at S.no. 9/ part, Dhanori, Tal- Haveli, dist- Pune by Nirvana Multicon Pvt. Ltd.

Is a Violation Case: No

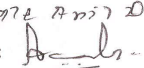
1.Name of Project	Proposed Residential Building at S.no. 9/ part, Dhanori, Tal- Haveli, dist- Pune by Nirvana Multicon Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Garg
4.Name of Consultant	VK: e environmental LLP
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.no. 9/ part, Dhanori
9.Taluka	Haveli
10.Village	Dhanori
Correspondence Name:	Mr. Rahul Garg
Room Number:	NA
Floor:	4th Floor
Building Name:	Arth Vishwa
Road/Street Name:	Final Plot No. 353, Lane No. 5
Locality:	Koregaon Park
City:	Pune
11.Whether in Corporation / Municipal / other area	PMC
12.IOD/IOA/Concession/Plan Approval Number	Under Process IOD/IOA/Concession/Plan Approval Number: Under Process Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NO
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	22012.50 Sq.m
16.Deductions	8424.22 sq.m
17.Net Plot area	13588.28 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 37507.31
	b) Non FSI area (sq. m.): 43,330.00
	c) Total BUA area (sq. m.): 80837
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 31-07-2019
19.Total ground coverage (m2)	6439.80 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	47.39 %
21.Estimated cost of the project	1000000000

22.Number of buildings & its configuration


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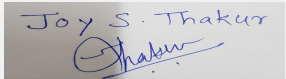
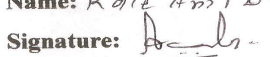
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower-A	B1+B2+8	23.95
2	Tower-B	B1+B2+8	23.95
3	Tower-C	B1+B2+8	23.95
4	Tower-D	B1+B2+8	23.95
5	Tower-E	B1+B2+8	23.95
6	Tower-F	B1+B2+B3+8	23.95
7	Tower-G	B1+B2+B3+8	23.95
8	Tower-H	B1+B2+B3+8	23.95
9	Tower-J	B1+B2+B3+8	23.95
10	Tower-K	B1+B2+B3+8	23.95
11	Tower-L	B1+B2+B3+8	23.95
12	Tower-M	B1+B2+B3+8	23.95
13	Tower-N	B1+B2+B3+8	23.95
14	Tower-P	B1+B2+B3+8	23.95
15	Tower-Q	B1+B2+B3+8	23.95
16	Mhada	B1+B2+Stilt + 7	23.95

23.Number of tenants and shops	Residential+ MHADA: 444+56=500 Shops: 26
24.Number of expected residents / users	Residential users+ MHADA: 2220+280=2500 Commercial users: 395
25.Tenant density per hectare	250/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))	30 m & 18m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 6m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

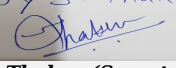
31.Production Details

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

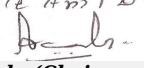
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 149 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	235							
	Recycled water - Flushing (CMD):	120							
	Recycled water - Gardening (CMD):	08							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	363							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	25 CMD PER BLDG							
	Excess treated water	191							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	235							
	Recycled water - Flushing (CMD):	120							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	359							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	25 CMD PER BLDG							
	Excess treated water	199							
Details of Swimming pool (If any)		NA							
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

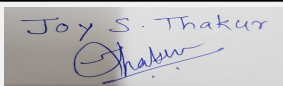
Joy S. Thakur

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Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	28 m- 31 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	16
	Size of recharge pits :	1.5 m X 1.5 m X 1.5 m
	Budgetary allocation (Capital cost) :	18,86,000/-
	Budgetary allocation (O & M cost) :	1,20,000/-
	Details of UGT tanks if any :	Total UGT capacity: 547.6 CMD
35.Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits
	Quantity of storm water:	9.64 m ³ /min
	Size of SWD:	600mm
Sewage and Waste water	Sewage generation in KLD:	355
	STP technology:	MBBR
	Capacity of STP (CMD):	130&230 kld
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	STP 130 kld: 44,00,000 STP 230 kld: 66,00,000
	Budgetary allocation (O & M cost):	STP 130 kld: 10,60,000 STP 230 kld: 13,38,000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Dry waste (Kg/day): 8 kg/day Wet waste (Kg/day): 12 kg/day =Total waste generated: 20 kg/day
	Disposal of the construction waste debris:	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	Dry waste:	559 kg/day
	Wet waste:	790 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP 130 kld: 19.4 kg/d STP 235 kld: 35kg/day
	Others if any:	E- waste- 1645 kg/year


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Mode of Disposal of waste:	Dry waste:	Will be handed over to SWaCH
	Wet waste:	Will be operated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be operated in OWC
	Others if any:	E waste will be handed over to authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Total area: 68 sq.m
	Area for machinery:	Total area: 68 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	27,50,000
	O & M cost:	4,51,890

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 sent 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

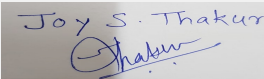
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

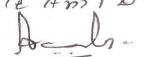
40. Details of Fuel to be used

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 :	Mandetary Open space: 1358.82 sq.m		
	No of trees to be cut :	2 trees exists on site which will be retained		
	Number of trees to be planted :	170 +2= 172		
	List of proposed native trees :	Given Below		
	Timeline for completion of plantation :	Till the completion of the 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	Caryota urens	Fish Tail palm	21	Fast Growing palm, used for beautification
2	Cassia Fistula	Golden Shower tree	30	Medium sized flowery tree
3	Plumeriarubera	Red Chafa	24	Shedy tree with red flowers wchich attract the birds
4	Magnifera Indica	Mango	16	Large evergreen and fruit bearing tree
5	Azardica Indica	Neem	18	A medium to large size hardy tree which stand in drought condition. Air Purifying quality. Attain a much larger size in dry regions.
6	Albizzialebbek	Sirish	24	Shady, Large tree, ball shapes flowers
7	Acrus sapota	Chickoo	22	Fruit Bearing Tree
8	Psidiumguajava	Gvava	15	Fruit Bearing Tree, attracts birds
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	NA	NA	NA	
47.Energy				

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	50 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	2954.27 kw
	During Operation phase (Demand load):	1480.27 kw
	Transformer:	3- 630 KVA
	DG set as Power back-up during operation phase:	2 no-160 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Total Energy Saving : i.e. (16.77 % Savings) /year

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED lamps for common area	16950.60 KWH/ hr
2	staircase, lift lobby, passage, parking lighting	161779.68 KWH/ hr
3	Solar panel and solar hot water	320397.00 KWH/ hr
4	Street lights	7884.00 KWH/ hr

50. Details of pollution control Systems

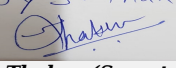
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	81,30,000
	O & M cost:	6,69,000

51. Environmental Management plan Budgetary Allocation

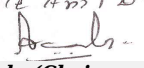
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	893560
2	Land	Labour Camp toilets & sanitation	480000

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3	Health and Safety	Labour Safety Equipments and training	400000
4	Health and Safety facility	Disinfection and Health Check-ups	51000
5	Environment Management	Environmental Monitoring cell	1,70,000
6	Environment	Environmental Monitoring	1,82,500

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2 STP	96,00,000	17,79,840
2	Solid Waste Management	1 OWC	27,50,000	4,51,890
3	Landscaping	Development & maintenance of green area	10,00,000	1,00,000
4	Rain Water Harvesting	Recharge pits	18,86,000	1,20,000
5	Renewable Energy	Solar panel and solar hot water	81,30,000	6,69,000
6	Environmental Monitoring	-	-	1,85,600
7	Lightning arrester	16 no	70,000	3500

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

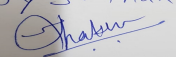
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

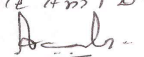
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The site is located in Dhanori Area. The development will be accessible from 12m wide service road while the internal driveways are 6 m.
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

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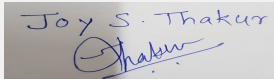
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Parking details:	Number and area of basement:	Tower A, B, C, D, E & MHADA - 2 basements Tower F, G, H, J, K, L, M, N, P, and Q - 3 basements
	Number and area of podia:	1No
	Total Parking area:	31,698.22 sq.m
	Area per car:	12.5 sq.m
	Area per car:	12.5 sq.m
	Number of 2-Wheelers as approved by competent authority:	1194
	Number of 4-Wheelers as approved by competent authority:	654
	Public Transport:	NO
	Width of all Internal roads (m):	6m wide
	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	8a building and construction project
	Court cases pending if any	No
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of residential building having 500flats and 26 shops
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

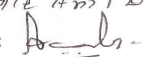
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-


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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 13588.28 m², FSI area of 38378.70 m², Non FSI area of 42617.82 m² and total BUA of 80996.52 m².

The building configuration of the proposal is as below:

Tower-1, 2, 3, 4, 5, 6, 7, 8, 9 & 10 : B1+B2+B3+8, Height 23.95 m

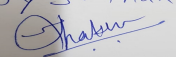
Tower-11, 12, 13, 14 & 16 : B1+B2+8, Height 23.95 m

Tower-15: Stilt + 7, Height 23.95 m

Tower-11, 12, 13 & 14 : B1+B2+8, Height 23.95 m

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

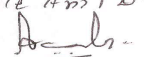
DECISION OF SEAC

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

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Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman
SEAC-III)

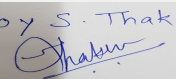
During discussion following points emerged:

1. In CER, PP has proposed 10 RWH pits costing Rs. 20 Lakh each which is too high. The cost should be Rs. 10 Lakh. PP has proposed to construct 2 toilets with solar PV costing Rs. 10 Lakh as the consultation cost. The consultation cost shall be deleted. Further, PP has proposed Rs. 5 lakh for green building construction, which is not necessary. PP to revise CER accordingly.
2. Commercial parking is located in residential area therefore the same shall be relocated such that it is physically separated.
3. Three basements are proposed and no approval has been obtained. Since these are large basements, PP to ensure that entry and exit to the basement shall enable efficient evacuation of the cars.
4. PP to submit basement ventilation plan and basement approval plan.
5. PP to submit revised parking statement showing total number of parking required and proposed.
6. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
7. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
8. PP to submit details of internal storm water drain up to final disposal point.
9. PP to submit cross section at 4-5 places including UGT, OWC and DG set location showing clear road width, distance left from building line and spaces left for plantation, parking, service lines, foot paths, etc.
10. PP to submit co-ordinated master layout superimposing all environmental parameters.
11. PP to submit UGT details.
12. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity.
13. PP to submit revised RG plan indicating 10% virgin land.
14. PP to submit undertaking to retain 2 existing trees.
15. PP to submit plantation plan incorporating local native fruit bearing trees.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

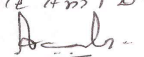
Specific Conditions by SEAC:

FINAL RECOMMENDATION

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

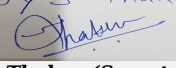
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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
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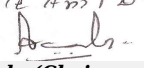
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-0000000352

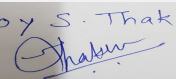
Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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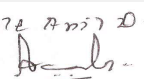
Name: Kote Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 02	
SEAC Meeting number: 97 Meeting Date November 6, 2019	
Subject: Environment Clearance for Gagan Ela	
Is a Violation Case: No	
1.Name of Project	Gagan Ela
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Garg
4.Name of Consultant	NA
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	S. No. 23/7/1, 23/7/2, 23/7/3, NIBM, Dist. Pune, Maharashtra
9.Taluka	Haveli
10.Village	Kondhwa
Correspondence Name:	Mr. Rahul Garg
Room Number:	301,
Floor:	3rd Floor,
Building Name:	Mavel Alaina,
Road/Street Name:	Lane No. 5,
Locality:	Koregaon Park,
City:	Pune
11.Whether in Corporation / Municipal / other area	Corporation
12.IOD/IOA/Concession/Plan Approval Number	Commencement certificate No. CC/2462/17 dated 22/12/2017 IOD/IOA/Concession/Plan Approval Number: Commencement certificate No. CC/2462/17 dated 22/12/2017 Approved Built-up Area: 34034.26
13.Note on the initiated work (If applicable)	Onsite construction area of 19552.65 sqm
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	9098.33
16.Deductions	1673.29
17.Net Plot area	7425.04
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15814.24 b) Non FSI area (sq. m.): 18220.02 c) Total BUA area (sq. m.): 34034.26
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 15816.07 Approved Non FSI area (sq. m.): 18220.02 Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2727.48
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.73%
21.Estimated cost of the project	602075000
22.Number of buildings & its configuration	

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Signature: 
Shri. Anil Kale (Chairman SEAC-III)

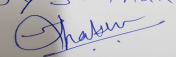
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing	B1+B2+G+S+P1+P2+16 Floor	55.95
2	Wing "B"	G+S+P1+P2+16 Floor	55.95
3	Commercial + MHADA	B1+G+MEZZ+5 Floor	22.15
4	Club House	G+1	6.0

23.Number of tenants and shops	192 + 24 LIG + 9 Shops + 26 Office + Club House
24.Number of expected residents / users	1393
25.Tenant density per hectare	NA
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
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	Onsite constructed area of 19552.65 sqm
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

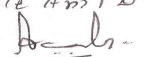
32.Total Water Requirement

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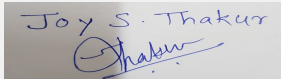
Name: K. Anil Kale


Shri. Anil Kale (Chairman
SEAC-III)

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	111.26
	Recycled water - Flushing (CMD):	57.23
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	2
	Total Water Requirement (CMD) :	178.49
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	80
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	111.26
	Recycled water - Flushing (CMD):	57.23
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	2
	Total Water Requirement (CMD) :	168.49
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	90
Details of Swimming pool (If any)	Dimension of Swimming Pool: 14 X 3.6M • Total water Requirement in KLD: • 72 KL • Water requirement for make up in KLD: 1.5 • Details of Plant & Machinery used for treatment of Swimming pool water: Filter, Pump, Hair & Lint, Vacuum point, Vacuum Sweeper, Skimmer etc. • Capital Cost: Rs. 12.61 Lacs, O&Mcost: - Rs. 2.16 Lacs/annum	

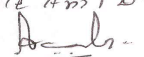
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	Not applicable	113.26	113.26	Not applicable	11.33	11.33	Not applicable	101.93	101.93
Domestic	NA	111.26	111.26	NA	11.12	11.12	NA	100.14	100.14


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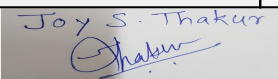
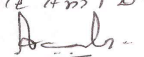
Gardening	NA	10	10	NA	10	10	NA	0	0
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	20-32 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	8 Nos of recharge pits
	Size of recharge pits :	1.50 m. X 1.5 m. X 1.5 m
	Budgetary allocation (Capital cost) :	Rs 4.00 Lacs
	Budgetary allocation (O & M cost) :	Rs 1.00 Lacs/year
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 165 Flushing tank Capacity(cum) 95 Fire UG tank Capacity (cum) 200

35.Storm water drainage	Natural water drainage pattern:	NW to SE
	Quantity of storm water:	283.95 m3/hr
	Size of SWD:	450 mm

Sewage and Waste water	Sewage generation in KLD:	154.64
	STP technology:	MMBR
	Capacity of STP (CMD):	1 no 160 Cum
	Location & area of the STP:	Near Amenity space
	Budgetary allocation (Capital cost):	Rs. 52 lacs
	Budgetary allocation (O & M cost):	Rs. 11.82 Lacs/annum

36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Quantity of the top soil to be preserved: 1478.30 Cum
	Disposal of the construction waste debris:	246.61 Cum to be re used for filling
Waste generation in the operation Phase:	Dry waste:	265
	Wet waste:	363
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	22.5 kg/day
	Others if any:	NA

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Mode of Disposal of waste:	Dry waste:	will be collected by SWACH
	Wet waste:	Treated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	will be used as manure after OWC treatment
	Others if any:	NA
Area requirement:	Location(s):	Near Wing-b Corner
	Area for the storage of waste & other material:	42 m2
	Area for machinery:	15 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.75 Lacs
	O & M cost:	Rs. 3.01 Lacs/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

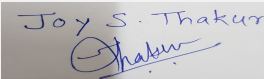
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	DG set (300 KVA)	Diesel - 49.8Kg/hr	1	3.46	0.150	522° C
2	DG set (25 KVA)	Diesel - 4.1 Kg/hr	1	1.5	0.625	463° C

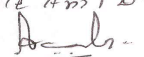
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	49.80 lit/hr	49.80 lit/hr
41.Source of Fuel		Authorized Dealer		
42.Mode of Transportation of fuel to site		Road		


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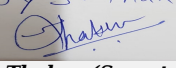
43.Green Belt Development	Total RG area :	873.61
	No of trees to be cut :	7
	Number of trees to be planted :	129
	List of proposed native trees :	NA
	Timeline for completion of plantation :	3 months after project completion

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	Murraya Koenigii	Kadipatta	05	Medicinal properties
2	Anthocephallus Cadamba	Kadamb	06	Shady, large tree, ball shaped flowers
3	Lagerstroemia Flosregineae	Tamhan	05	Ornamental flowering tree medicinal propoerties
4	Cassia fistula	Bahava	6	Flowering tree with medicinal properties
5	Azadirachta indica	Neem	8	A medium to large size hardy tree which stand in drought condition. Air Purifying quality.
6	Albizia lebbeck	Shirish	6	Shady, Large tree, ball shapes flowers
7	Michelia champca	Sonchafa	6	Ornamental flowering tree
8	Saraca Asoka	Sita Ashok	8	Evergreen tree
9	Pongamia pinnata	Karanj	8	Large tree. Good for stopping soil erosion
10	Manilkara zapota	Chikoo	6	Fruit bearing tree
11	Magnifera Indica	Mango	8	Fruit bearing tree
12	Syzygium cumini	Jamun	8	A large size tree with dense foliage
13	Punica granatum	Pomegranate	6	Fruit bearing tree
14	Carica papaya	Papaya	6	Fruit bearing tree
15	Carissa spinarum	Karvanda	6	Fruit bearing tree
16	Annona squamosa	Custard Apple	5	Fruit bearing tree
17	Nyctanthes arbortristis	Prajakta	6	Ornamental flowering tree
18	Butea monosperma	Palas	7	Medicinal properties and it is worshipped as sacred by the Hindus
19	Bauhinia racemosa	Apta	6	A small crooked tree with drooping branches, growing up to 35 m tall with medicinal properties
20	Caryota urens	Fish Tail Palm	7	Fast Growing palm, used for beautification

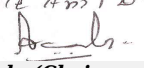
45.Total quantity of plants on ground

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

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Signature: 
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Serial Number	Name	C/C Distance	Area m2
1	NA	1	1

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	22 kW
	DG set as Power back-up during construction phase	60 KVA
	During Operation phase (Connected load):	1449 KW
	During Operation phase (Demand load):	795 KVA
	Transformer:	630 KVA - 1 no. + 315 KVA - 1 no
	DG set as Power back-up during operation phase:	300KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

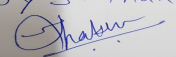
1. Solar PV panels will be provided
2. Solar water heating will be provided

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	1. Timers and contactors will be used to switch on / off common area & external landscape and facade lighting. 2. Light Emitting Diode (LED) will be used for corridors Lobbies and common areas. 3. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.	70% saving
2	All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have considered current carrying capacity of all the cables laid through ground/air whichever is minimum.	2%
3	125 Ltrs Solar water is provided for each flat	96 %
4	Solar PV of 4KW is proposed for Common Area Lighting Lighting & Building common lighting	60 %

50. Details of pollution control Systems

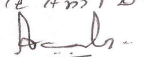
Source	Existing pollution control system	Proposed to be installed
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STP	Not applicable		1
OWC	NA		1
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 42.45 Lacs	
	O & M cost:	Rs. 3.94 Lacs	

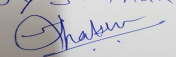
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression	1.44
2	Air	Air & Noise Monitoring	0.48
3	Water	Tanker Water For Construction	6
4	Water	Water Monitoring	0.6
5	Land	Site Sanitation- Mobile toilets	4.8
6	Biological	Gardening Set Up and top soil preservation	3.3
7	Socio- Economic Environment	Disinfection- Pest Control	0.18
8	Socio- Economic Environment	First Aid Facilities	0.6
9	Socio- Economic Environment	Health Check Up	0.2
10	Socio- Economic Environment	Creches For Children	3
11	Socio- Economic Environment	Personal Protective Equipment	1.2
12	Total	Total	21.79

b) Operation Phase (with Break-up):

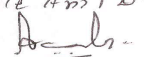
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 no STP cost considered	Rs. 52.00	Rs. 11.82
2	Rain Water Harvesting	4 no pit will be provided	Rs. 04.00	Rs. 01.00
3	Solid Waste Management	1 no OWC will be provided	Rs. 14.75	Rs. 3.01
4	Green Belt Development	RG will be provided	Rs. 10.50	Rs. 0.1
5	Energy Use (Solar panel)	Energy saving	Rs. 6.00	Rs. 0.3
6	Energy Use (Solar water heating)	Energy saving	Rs. 36.45	Rs. 3.64
7	Environmental Monitoring	MoEFCC approved laboratory EMP Costing	NA	9.06
8	Total	Total	136.31	31.09

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

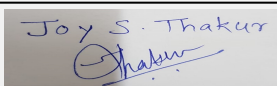
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

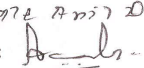
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	2 Basements, Area: 2279.85
	Number and area of podia:	2 Basement, Area: 3708.60
	Total Parking area:	7842.75
	Area per car:	12.50
	Area per car:	12.50
	Number of 2-Wheelers as approved by competent authority:	531
	Number of 4-Wheelers as approved by competent authority:	310
	Public Transport:	Yes
	Width of all Internal roads (m):	9 m and 6 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	2
	Court cases pending if any	NA
	Other Relevant Informations	NA


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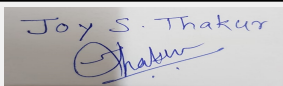
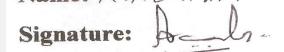
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	10-08-2019

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 6, 2019	Page 169 of 171	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 9098.33 m², FSI area of 15814.24 m², Non FSI area of 18220.02 m² and total BUA of 34034.26 m².

The building configuration of the proposal is as below:

Wing A: B1+B2+G+S+P1+P2+16 (Height 55.95 m)

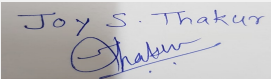
Wing A: G+S+P1+P2+16 (Height 55.95 m)

Commercial + MHADA : B1+G+MEZZ+5 (Height 22.15 m)

Club House : G+1(Height 6.0 m)

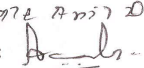
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


**Joy S. Thakur (Secretary
SEAC-III)**

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Name: K. Anil Kale

**Signature: Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

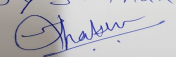
1. PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018 along with details of fund utilization & agreement or consent of executor.
2. PP to submit detailed disaster management plan incorporating lightning arrester plan.
3. PP to revise parking layout plan for both podia ensuring adequate drive way width.
4. Commercial parking shall be isolated from residential parking.
5. PP to submit revised fire drive way drawing along with cross sections at 4-5 locations.
6. PP to submit parking statement showing total number of parking required and proposed.
7. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.
8. PP to submit site specific, executable EMP encompassing monitoring matrix, Environment Cell and responsibility for execution.
9. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
10. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management. (e) Garden NOC.
11. PP to submit indemnity bond indemnifying Environment Department, GoM from any legal consequences.
12. PP to submit details of RG plan and plantation plan incorporating local native fruit bearing trees. PP to submit undertaking for retaining of 11 number of existing trees.

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

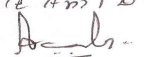
FINAL RECOMMENDATION

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

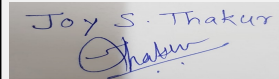
Joy S. Thakur

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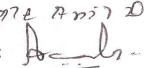
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for for project by M/s Keystone Properties	
Is a Violation Case: Yes	
1.Name of Project	My Home Punawale (Formerly IRA)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Mohit Goyal
4.Name of Consultant	Sneha Hi-Tech Products, Bangalore
5.Type of project	Residential & Commercial
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	S. no. 16/3,
9.Taluka	Mulshi,
10.Village	Punawale
Correspondence Name:	Mr. Mohit Goyal
Room Number:	-
Floor:	2nd Floor,
Building Name:	1, Business Embassy
Road/Street Name:	1205/3/3, J.M. Road,
Locality:	Shivajinagar,
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: B.P./ENV/Punawale/05/2015 dated 07/07/2015 Approved Built-up Area: 41341.48
13.Note on the initiated work (If applicable)	27699.10 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	16955.00 m2
16.Deductions	2165.72 m2
17.Net Plot area	14789.28 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21227.44 b) Non FSI area (sq. m.): 20224.04 c) Total BUA area (sq. m.): 41451.48
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 21227.44 Approved Non FSI area (sq. m.): 20114.04 Date of Approval: 07-07-2015
19.Total ground coverage (m2)	2709.85 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15.98 % of Total plot Area (16955.00 m2) & 18.32 % of Net plot Area (14789.28 m2)
21.Estimated cost of the project	760000000
22.Number of buildings & its configuration	

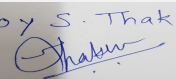

Joy S.Thakur (Secretary
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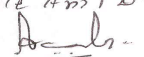
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building -A	P +12	39.85	
2	Building -B	P+12	39.85	
3	Building -C	P+12	39.85	
4	Building -D	2P+12	39.85	
23.Number of tenants and shops	Total Tenements= 360 Nos. Shops:6 Nos			
24.Number of expected residents / users	Residential Users: 1800 Nos. Commercial Users: 75 Nos. Total : 1875 Nos.			
25.Tenant density per hectare	244			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 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	Not Applicable			
30.Details of the demolition with disposal (If applicable)	Not 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				

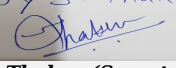
Joy S. Thakur

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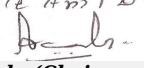
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

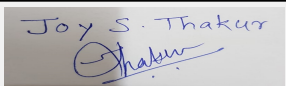
Dry season:	Source of water	PCMC								
	Fresh water (CMD):	266.88 m3/day (One Time)								
	Recycled water - Flushing (CMD):	83.25 m3/day								
	Recycled water - Gardening (CMD):	10.50 m3/day								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	173.13m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3								
	Fire fighting - Overhead water tank(CMD):	80 m3								
	Excess treated water	136.99m3/day								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	256.38 m3/day (One Time)								
	Recycled water - Flushing (CMD):	83.25 m3/day								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	173.13m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3								
	Fire fighting - Overhead water tank(CMD):	80 m3								
	Excess treated water	147.49m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: 13.16m X 5.3m X 1.2m Total water Requirement in KLD:90,000 Ltrs Water requirement For Make Up in KLD:8520 Ltrs. Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: • Budgetary allocation (Capital cost and O & M cost): Capital Cost:Rs. 20.0 Lakh O&M Cost:Rs.1.20 Lakh /Year									
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	

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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4 to 6 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:	recharge pits- 9 nos. & recharge pits with bores- 5 nos.
	Size of recharge pits :	2m x 2m x 0.9m
	Budgetary allocation (Capital cost) :	Rs.14.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.40 Lakh/Year
	Details of UGT tanks if any :	Residential + Commercial: Domestic UG tank Capacity:2,44,000Lit Flushing UG tank Capacity:1,35,500 Lit Fire UG tank Capacity : 3,00,000 Lit
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	18.19 m3/min
	Size of SWD:	200 mm- 450 mm
Sewage and Waste water	Sewage generation in KLD:	230.74m3 /day
	STP technology:	MBBR
	Capacity of STP (CMD):	235 m3 /day
	Location & area of the STP:	136 m2
	Budgetary allocation (Capital cost):	Rs. 42.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 4.20 Lakh/Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25.0 kg/day
	Disposal of the construction waste debris:	Use for Leveling
Waste generation in the operation Phase:	Dry waste:	371.0 kg/day
	Wet waste:	548.0 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	20.76 kg/day (100% Dry)
	Others if any:	NA
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		Name: K. Anil Kale Signature: [Signature] Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	SWaCH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after Treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	67.5m2 including machinery area
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.21.75 Lakh
	O & M cost:	Rs.5.37 Lakh/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

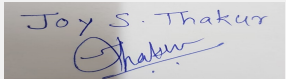
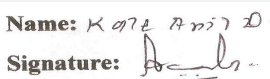
39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	200 KVA - 1 No	37 Liters / Hr for 100 % Load	S-1	Standard	-	-

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	37 Liters / Hr for 100 % Load	NA	37 Liters / Hr for 100 % Load

41.Source of Fuel	Bharat Petroleum Corporation Ltd/ Hindustan Petroleum
42.Mode of Transportation of fuel to site	By Roadway

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43.Green Belt Development	Total RG area :	1713.43 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	256 Nos
	List of proposed native trees :	-
	Timeline for completion of plantation :	Before completion

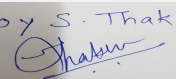
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebek	Shirish	20	Medicinal for Skin,Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds)
2	Bauhinia blackiana	Kanchanraj	24	Every part of the plant is medicinal, Drought tolerant species.
3	Anthocephalus kadamba	Kadamb	30	Medicinal value,To control soil erosion,Birds, squirrels, monkey eats fruits.
4	Azardirachta indica	Neem	20	Medicinal value,To control soil erosion.To improve soil erosion
5	Dalbergia sissoo	Shisav	10	Medicinal value, Bird attracting species
6	Pongamia pinnata	Karanj	10	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
7	Michelia champaca	Sonchafa	22	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
8	Cassia fistula	Bahawa	01	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
9	Roystonea regia	Bottle palm	29	Ornamental plant, Medicinal value,Birds & bats eat fruits.
10	Gmelina arborea	Shivan	10	Medicinal value, Drought tolerant species, Bird attracting species.
11	Mimosops elengii	Bakul	20	Fragrant flowers, Medicinal value, To control soil erosion.
12	Terminalia arjuna	Arjuna	18	Medicinal value, native species .
13	Vetchia merrellii	Manila palm	20	Ornamental tree, edible fruits
14	Wodyetia bifurcata	Foxtail palm	22	Ornamental tree, drought tolerant

45.Total quantity of plants on ground

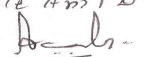
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
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Name: K. Anil Kale

Signature: Shri. Anil Kale (Chairman SEAC-III)

1	.	-	-
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	45 KW
	DG set as Power back-up during construction phase	62.5 KVA-1 No.
	During Operation phase (Connected load):	838 KW
	During Operation phase (Demand load):	1048 KVA
	Transformer:	630 KVA x 1no. & 315 KVA x 1no.
	DG set as Power back-up during operation phase:	200KVA x 1no.
	Fuel used:	For 200 KVA - 37 Liters / Hr for 100 % Load
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Energy Saving measures - LED, Solar, etc
- Solar PV of 3KW for common area lighting.

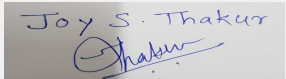
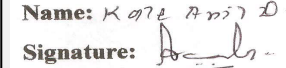
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	External Lighting	14 KWH/Day
2	Lift Load	118 KWH/Day
3	Pump Load	65 KWH/Day
4	Common Areas	21 KWH/Day
5	Ventilation Load	1748 KWH/Day
6	Solar	1080 KWH/Day

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Partly green belt is provided.	-
Water	STP is installed & excess treated water used for flushing & gardening	-
Noise	Acoustically enclosed DG set is installed.	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared.
Solid Waste	Wet Waste is treated in OWC. STP sludge is Used as Manure after treatment in OWC. Dry Waste is given to SWaCH	-

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.16.82 Lakh
	O & M cost:	Rs.0.36 Lakh/Year

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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, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

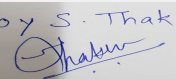
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage Treatment Plant	Rs. 42.00 Lakh	Rs.4.20Lakh/Year
2	RWH	Rain Water Harvesting	Rs.14.00 Lakh	Rs. 1.40 Lakh/Year
3	OWC	Organic Waste Converter	Rs.21.75 Lakh	Rs.5.37 Lakh/Year
4	Solar System	-	Rs.16.82 Lakh	Rs.0.36Lakh/Year
5	Landscaping	-	Rs.57.99 Lakh	Rs.9.27 Lakh/Year
6	Swimming pool	-	Rs. 20.00 Lakh	Rs.1.20Lakh /Year
7	Pumping + piping	-	Rs. 15.00 Lakh	Rs. 1.20Lakh/Year
8	Storm Water Network	-	Rs. 4.00 Lakh	Rs. 0.25 Lakh/Year
9	Safety Equipments	-	Rs. 10.00 Lakh	Rs 2.00 Lakh/Year
10	Post EC Monitoring	-	-	Rs 2.50 Lakh/Year
11	Dry Waste Management	-	-	Rs 2.16 Lakh/Year
12	Alternate Water Supply	-	-	Rs 4.80 Lakh/Year

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

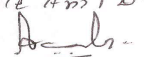
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

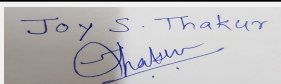
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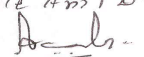
No Information Available		
53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	9241.00 m2
	Area per car:	49.68m2
	Area per car:	49.68m2
	Number of 2-Wheelers as approved by competent authority:	738
	Number of 4-Wheelers as approved by competent authority:	186
	Public Transport:	NA
	Width of all Internal roads (m):	6M
	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	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	Satisfactory.	
Water Budget	Satisfactory.	

Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.
Brief information of the project by SEAC	


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PP had submitted application for Environmental Clearance to Department of Environment, Government of Maharashtra, Mumbai on 09/07/2012.

Then SEAC Committee has considered the proposal in its 9th SEAC III meeting held on 13/05/2014. After detail deliberation SEAC III noted that the PP had initiated the construction work without obtaining the Prior environmental clearance and decided to refer our proposal to Environment Department, GoM to verify the issue of violation and to take necessary action as per MoEF OM dated 12th December,2012.

PP had received Show Cause Notice dated 11/06/2014 from Department of Environment, Government of Maharashtra. The personal hearing was extended on 04/12/2014 and as per Directions of Department of Environment, Government of Maharashtra, dated 01/01/2015. Maharashtra Pollution Control Board, Mumbai has filed Criminal Case against PP in Chief Judicial Magistrate Court, Pune Vide Case No. 0401221/2015

Planning/Building permission was initially obtained to our project from Pimpri-Chinchwad Municipal Corporation vide letter dated 25th April, 2012 got proposed total Built up of 22400.45 m2 (FSI 14397.04 m2 + NON FSI 8003.41 m2). The same was later revised on 22nd July 2013 got proposed total Built up of 24388.10 m2(FSI 14449.39 m2 + NON FSI 9715.55 m2). Then the last amended plans on 7th July, 2015 for proposed total built up area of 41341.48 m2 (FSI 21227.44 m2 + NON FSI 20114.04 m2) was issued.

PP had carried out construction of total built up 27699.10 m2 (FSI area 14076.10 m2 + NON FSI area 13623.00 m2) on site.

The proposal was appraised in 37th & 41st SEAC III meeting held on 17/11/2015 & 27/01/2016 respectively. Further, the proposal was appraised in 43rd SEAC III meeting held on 27/02/2016. During meeting SEAC decided to recommend the proposal for prior Environmental Clearance.

The proposal was further considered in 101st SEIAA meeting held on 11/05/2016. However, Due to court case, PP had requested to postponed our case in next SEIAA meeting.

Then As per MoEF & CC notification dated 14/03/2017 PP had applied for grant of ToR to MoEF & CC on 24/10/2017.

Then the proposal was considered in 4th EAC, MoEF & CC, New Delhi meeting held on 20/02/2018. During meeting committee decided to grant ToR.

With reference to the Judgment of the Court of Chief Judicial Magistrate, Pune , PP informs that the case filed against us is closed on 05/06/2018.

PP had received ToR letter on 26/06/2018 prescribing the EIA & EMP. PP had submitted EIA report accordingly.

The proposal was further considered in 172nd SEIAA meeting dated 25/07/2019, wherein PP remained absent.

The proposal was further considered in 174th SEIAA meeting where authority has decided to refer back the proposal to SEAC III for further necessary action as per Notification dt. 14.03.2017 (amended on 08.03.2018) and Office Memorandum dt.16.03.2018 issued by MoEF&CC.

Now, PP had submitted application for prior Environmental clearance for total plot area of 16955 m2, FSI area of 21227.44 m2, Non FSI area of 20224.04 m2 and total BUA of 41451.48 m2.

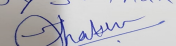
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

The building configuration of the proposal is as below:

Building A, B & C : P +12 (Height 39.85 m)

Building D : 2P +12 (Height 39.85 m)

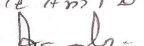
DECISION OF SEAC

Joy S. Thakur


**Joy S.Thakur (Secretary
SEAC-III)**

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Name: K. Anil Kale
Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**

During discussion following points emerged:

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.76 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.52 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.76 Cr for the project completion period.

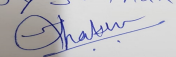
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.76 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.52 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.76 Cr for the project completion period.

FINAL RECOMMENDATION

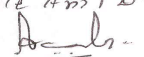
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

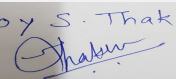
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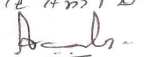
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Environment Clearance for Expansion of residential construction project with convenient shops at Tathawade, Pune	
Is a Violation Case: No	
1.Name of Project	Expansion of residential construction project with convenient shops at Tathawade, Pune
2.Type of institution	Private
3.Name of Project Proponent	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
4.Name of Consultant	Oasis Environmental Foundation, accredited by NABET, the scope of consultancy is limited to preparation of environmental management plan only. (In accordance with EIA amendment notification 3rd March 2016)
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, we have received Environment Clearance for existing project (SEIAA-EC-0000000503 dated 6th Nov. 2018)
8.Location of the project	S. No. 125/1/B/1, 125/1/B/2, 125/2/1 & 125/2/2 Tathawade pune
9.Taluka	Mulshi
10.Village	Tathawade
Correspondence Name:	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
Room Number:	1 Modibaug
Floor:	Second Floor
Building Name:	1 Modibaugh, Commercial complex shivaji Nagar
Road/Street Name:	Ganeshkhind Road
Locality:	Shivaji Nagar
City:	Pune 411016
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Sanctioned No BP/ENV/Tathawade/03/2018 dated 12.07.2018 IOD/IOA/Concession/Plan Approval Number: Sanctioned No. - BP/ENV/Tathawade/03/2018 dated 12.07.2018 Approved Built-up Area: 137614.96
13.Note on the initiated work (If applicable)	Work is not initiated at site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Sanctioned No BP/ENV/Tathawade/03/2018 dated 12.07.2018
15.Total Plot Area (sq. m.)	30,584.16 SQM
16.Deductions	4,648.48 SQM.
17.Net Plot area	25935.68 SQM
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 59,772.28 SQM b) Non FSI area (sq. m.): 80,472.58 SQM c) Total BUA area (sq. m.): 140244.86
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 59772.28 Approved Non FSI area (sq. m.): 77842.67 Date of Approval: 12-07-2018
19.Total ground coverage (m2)	15,061.74
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.24
21.Estimated cost of the project	2045000000

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22.Number of buildings & its configuration

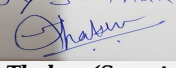
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A: Wings A1,A2,A3,A4,A5,A6,A7,A8	B + 2 parking + 11 floors	37.25
2	Building B: Wings B1,B2,B3,B4	B + 2 parking + 11 floors	37.25
3	Building C : MHADA	2 Parking + 9 floors	30.85
4	Club House 2 Nos	G + 1	7.05

23.Number of tenants and shops	Proposed number of tenements are 1131 No shops proposed-- 11
24.Number of expected residents / users	5655 (Residential) + 43 (Commercial) = Total Population- 5698
25.Tenant density per hectare	Tenement Density / hectare: 339
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station is Pradhikaran Fire Station - at distance of 5.21 kms. Width of Road - 12 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is 9 m
29.Existing structure (s) if any	Nil
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

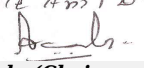
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

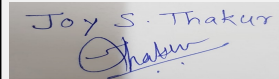
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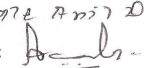
Name: K. Anil Kale
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Dry season:	Source of water	PCMC								
	Fresh water (CMD):	512 (including Club House)								
	Recycled water - Flushing (CMD):	255								
	Recycled water - Gardening (CMD):	62								
	Swimming pool make up (Cum):	6								
	Total Water Requirement (CMD) :	835								
	Fire fighting - Underground water tank(CMD):	75								
	Fire fighting - Overhead water tank(CMD):	25								
	Excess treated water	373								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	512 (including Club House)								
	Recycled water - Flushing (CMD):	255								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	6								
	Total Water Requirement (CMD) :	773								
	Fire fighting - Underground water tank(CMD):	75								
	Fire fighting - Overhead water tank(CMD):	25								
	Excess treated water	435								
Details of Swimming pool (If any)	Dimensions of Main Pool: 7.5 m X 18 m X 1.5 m Dimensions of Kids pool: 10m X 5m X 0.9m Total Water Requirement: 207 CUM Water Requirement for Make Up: 6 CUM/DAY Details of Plant and Machinery used for treatment of water: High rate sand filters, filter media, Self-Priming pump, Control panel for pump, Vacuum fitting Chemicals required for maintaining the Swimming Pool. Disinfection by: Ozonation/ UV Treatment									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requirement	-	512	512	-	51	51	-	460	460	


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Domestic	-	255	255	-	25	25	-	230	230
Gardening	62	0	62	0	0	0	62	0	62
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4-5 m							
	Size and no of RWH tank(s) and Quantity:	Not applicble							
	Location of the RWH tank(s):	Not applicable							
	Quantity of recharge pits:	10							
	Size of recharge pits :	2 Mt. x 2 Mt. x 1.5 Mt							
	Budgetary allocation (Capital cost) :	2,50,000							
	Budgetary allocation (O & M cost) :	15,000							
	Details of UGT tanks if any :	1. Domestic UG tank Capacity: 500 m3 2. Drinking Water UG Tank Capacity: 100 m3 3. Flushing UG tank Capacity : 275 m3 4• Fire UG tank Capacity : 75 m3							
35.Storm water drainage	Natural water drainage pattern:	From North side to South							
	Quantity of storm water:	26.61 m3/min							
	Size of SWD:	450 mm							
Sewage and Waste water	Sewage generation in KLD:	690							
	STP technology:	MBR Technology							
	Capacity of STP (CMD):	2 Nos. of STP Proposed of 350 KLD capacity .(Total capacity 700 KLD)							
	Location & area of the STP:	Near Building A8 & B1.							
	Budgetary allocation (Capital cost):	40,00,000							
	Budgetary allocation (O & M cost):	4,00,000							
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:	100 kg/day total solid waste from labour camp.							
	Disposal of the construction waste debris:	Debris shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites.							
Waste generation in the operation Phase:	Dry waste:	1137 kg/day							
	Wet waste:	1700 kg/day							
	Hazardous waste:	NA							
	Biomedical waste (If applicable):	NA							
	STP Sludge (Dry sludge):	65 kg/day							
	Others if any:	NA							
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Mode of Disposal of waste:	Dry waste:	Will be handed over to SWACH
	Wet waste:	Will be treated in Organic waste converter/ Vermicomposting. Manure generated will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure after treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	OWC location - Near B1 & A3.
	Area for the storage of waste & other material:	20
	Area for machinery:	45
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	3,00,000
	O & M cost:	1,20,000

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 sent 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

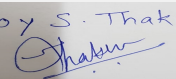
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

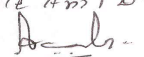
40. Details of Fuel to be used

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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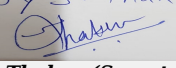
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43.Green Belt Development	Total RG area :	Mandatory RG Area: 2281.75 (Provided 2923.34) m2, Additional Green Area on Ground: 2,132.43 m2, Green on peripheral plantation: 685.37 m2; Total RG Area: 5,741.64 m2. Green Area on Slab: 3084.39 m2
	No of trees to be cut :	0
	Number of trees to be planted :	No. of trees required (1 tree/ 80 SQM of plot area): 413 nos.; Existing trees to be preserved: 3 nos.; Total No. of trees to be planted: 410.
	List of proposed native trees :	List of proposed trees attached as annexure with form 1 & 1A & Given below
	Timeline for completion of plantation :	5 years

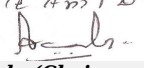
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bahunia purpurea	Gulabi Kanchan	30	Every part of the plant have Medicinal value, Drought tolerant species The tree has grey bark that peels in long fiber
2	Dalbergia latifolia	Sistal	29	Compound leaves,flowering
3	Sapodila	Chikku	17	Fruit Baring plant
4	Saraca indica	Sita Ashok	50	Medicinal value, Religious plant
5	Ficus glomerata	Umbar	24	Medicinal value,Edible fruits,bird attractive
6	Plumeria Alba	Chafa	31	Most attractive, large & strongly perfumed white flowers
7	Plumeria Rubra	Pink Chafa	24	Popular garden & park plant,fragrant flowers
8	Phyllanthus emblica	Awala	27	Medicinal value, To control soil erosion
9	Syzygium cumini	Jamun	20	Medicinal value, Edible fruit
10	Neolamarckia cadamb	Kadamba	10	The flowers attract pollinators
11	Legistroemia speciosa	Banaba plant	20	A decoction of the bark is used against diarrhoea and abdominal pains. A leaf poultice is used to relief malarial fever and is applied on cracked feet
12	Mangifera indica	Mango	20	Edible fruit, Bird attracting species
13	Erythrina indica	Indian Koral tree/ Parijat	15	Flower Plant. Attracts insects and birds
14	Tectona grandis	Teak	13	Tropical hardwood species, Wood use for furniture
15	Ziziphus mauritiana	Ber	16	Fast growing, Hardy plant, Edible fruit
16	Jack Fruit	Fanas	14	Popular food item, fruit edible
17	Michelia champaka	Sonchafa	30	Fragrant flowers, Timber used in wood working
18	Alizzia lebbeck	Shirish	10	Medium Large tree, native tree
19	Azadirachta Indica	Neem	10	Medicinal plant ,Evergreen plant
20	Total	Trees	410	Nos.

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21	Existing Tree	-	3	-
22	Azadirachta indica	Neem	2	Medicinal Plant
23	Mangifera indica	Mango	1	Fruit bearing tree ,Large 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	All Shubs & Bushes	Approx. 300 mm	Approx. 1,000

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 KW
	DG set as Power back-up during construction phase	2 nos. of DG sets of 250 KVA
	During Operation phase (Connected load):	4841 KW
	During Operation phase (Demand load):	2,220 KW
	Transformer:	4 no. of Transformers of 630 KVA capacity
	DG set as Power back-up during operation phase:	2 nos. of DG sets of 500 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

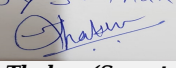
1. Timer Logic Controller : 210437 KWH / Anum
 2. Electronic V3F drive for Lifts : 52280 KWH / Anum
 3. Solar Water Heater : 1050403.2 KWH / Anum
 4. Use of CFL / LED lamps in all common areas.
- Total % of Savings: 15 %

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Timer Logic Controller	210437 KWH / Anum
2	Electronic V3F drive for Lifts	52280 KWH / Anum
3	Solar Water Heater	1050403.2 KWH / Anum

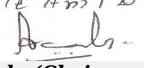
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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Waste water generated from house hold activity	Not applicable	STP will be installed in operation phase to treat waste water
Solid waste generation	Not applicable	Organic composting machine

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Water for dust suppression measures & Soil Preservation	0.5
2	Site Safety	Barricading & nets	0.3
3	Site Sanitation	Mobile Toilets etc	1.50
4	Disinfection & Health Check Up	For Labours	1.0
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.7

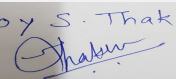
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Energy Saving	Approx. 15%	5.00	0.50
2	STP	Capacity of STP 700 KLD	40	4
3	OWC	For Wet Waste Generation	3	1.20
4	Solar Hot Water System	For 60 KLD Capacity	30	2.5
5	Rain Water Harvesting	10 nos. of recharge pits	2.5	0.15
6	Landscaping	Total trees proposed are 410 nos	4	0.40
7	Environmental monitoring	Environmental monitoring	0	2.60

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

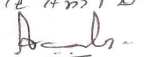
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
-------------	--------	----------	------------------------	--	---------------------------	------------------	-------------------------

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:	Traffic generated from this project will confluent on existing 9 m and proposed 24 m wide road					
Parking details:	Number and area of basement:	1 nos. of basement. Area: 30329.87 Sqm					
	Number and area of podia:	NA					
	Total Parking area:	Total Parking area proposed = Basement +Two parking (32,959.78 Sq m.) + Open Parking (1, 152.45.) Total parking area = 34,112.23 Sq m					
	Area per car:	35					
	Area per car:	35					
	Number of 2-Wheelers as approved by competent authority:	2280 nos.					
	Number of 4-Wheelers as approved by competent authority:	572 nos.					
	Public Transport:	Nearest Bus Stop					
	Width of all Internal roads (m):	6 m					
	CRZ/ RRZ clearance obtain, if any:	AN					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	8 (a) B2					
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							

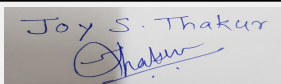
Joy S. Thakur

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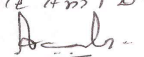
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.
Brief information of the project by SEAC	


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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 30584.16 m², FSI area of 59772.28 m², Non FSI area of 80472.58 m² and total BUA of 140244.86 m².

The building configuration of the proposal is as below:

Building A (Wings A1,A2,A3,A4,A5,A6,A7,A8) & B(Wings B1,B2,B3,B4): B + 2 P + 11 (Height 37.25 m)

Building C MHADA: 2P + 9 (Height 30.85 m)

Club House 2 : G+1 (Height 7.05 m)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) **B2**.

DECISION OF SEAC

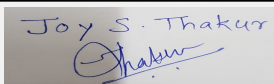
PP has satisfactorily complied with the points raised in 94th meeting of SEAC-3.

SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

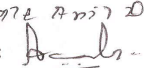
FINAL RECOMMENDATION

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

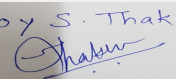

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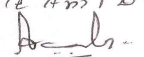
Name: K. Anil Kale
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Application for environmental Clearance for expansion of residential cum commercial construction project Ganga Newtown	
Is a Violation Case: No	
1.Name of Project	Ganga Newtown (Previously Known as Ganga Haven)
2.Type of institution	Private
3.Name of Project Proponent	Shree Balaji Associates Pune LLP
4.Name of Consultant	Pollution and Ecology Control Services
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in the existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC vide no. SEAC -2012/CR-51/TC-3 dated 29th September 2014
8.Location of the project	S. No. 12/1,12/2+3,12/4/29 Dhanori, Haveli, Pune
9.Taluka	Haveli
10.Village	Dhanori
Correspondence Name:	Mr. Annuj Goel
Room Number:	0
Floor:	Ground floor
Building Name:	San Mahu Complex
Road/Street Name:	Poona Club Road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: cc/2593/18 Approved Built-up Area: 171153.63
13.Note on the initiated work (If applicable)	A1, A2 and A3 building in process
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	54975
16.Deductions	17631.12
17.Net Plot area	37343.88
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 90202.30 b) Non FSI area (sq. m.): 58785.94 c) Total BUA area (sq. m.): 148988
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 60172.77 Approved Non FSI area (sq. m.): 58236.53 Date of Approval: 15-12-2016
19.Total ground coverage (m2)	8071.14
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25
21.Estimated cost of the project	2004633000
22.Number of buildings & its configuration	

Joy S. Thakur

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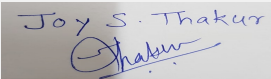
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A1 (1)	P+ stilt +11	37.45
2	A2 (1)	P +stilt + 11	37.45
3	A3 (1)	P + stilt + 11	37.45
4	B1 (1)	B2 + B1 + P + 12	37.40
5	B2 (1)	B2 + B1 + P + 12	37.40
6	B3 (1)	B2 + B1 + P + 12	37.40
7	C1 (1)	B2 + B1 + P + 12	37.40
8	C2 (1)	B2 + B1 + P + 12	37.40
9	C3 (1)	B2 + B1 + P + 12	37.40
10	D1 (1)	B2 + B1 + P + 12	37.40
11	D2(1)	B2 + B1 + P + 12	37.40
12	D3(1)	B2 + B1 + P + 12	37.40
13	E1(1)	B2 + B1 + P + 8	26.00
14	E2 (1)	B2 + B1 + P + 7	23.15
15	E3 (1)	B2 + B1 + P + 8	26.00
16	F1 (1) Commercial	B2 + B1 + G+ 3	13.80
17	Club house (1)	G +1	7.77

23.Number of tenants and shops	1127 tenements , 8 shops and 13 offices
24.Number of expected residents / users	Residential : 5635 Commercial: 717
25.Tenant density per hectare	250 Tenements/hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9
29.Existing structure (s) if any	A1, A2,A3 building
30.Details of the demolition with disposal (If applicable)	NA

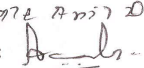
31.Production Details

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


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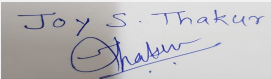
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	521
	Recycled water - Flushing (CMD):	317
	Recycled water - Gardening (CMD):	45
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	883
	Fire fighting - Underground water tank(CMD):	50 kl /wing
	Fire fighting - Overhead water tank(CMD):	25/bldg
	Excess treated water	443
Wet season:	Source of water	PMC
	Fresh water (CMD):	521
	Recycled water - Flushing (CMD):	317
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	838
	Fire fighting - Underground water tank(CMD):	50 KL/wing
	Fire fighting - Overhead water tank(CMD):	25/bldg
	Excess treated water	488
Details of Swimming pool (If any)	Dimensions 3 m x 3 m	

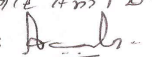
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	542	542	Not applicable	54	54	Not applicable	488	488

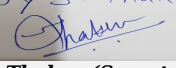

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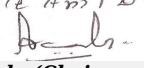
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 23.33 m. to 30.00 m. BGL. (26.67 M. Average) Rainy Season - 8.00 m. to 11.67 BGL. (9.84 M. Average) Winter Season - 15.67 m. to 20.84 m. BGL. (18.26 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	14 (3 No. Existing & 11 Nos. New)
	Size of recharge pits :	: 2.50 m. X 2.50 m. X 2.00 m. Depth with 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth.
	Budgetary allocation (Capital cost) :	20 lakhs
	Budgetary allocation (O & M cost) :	1 /- lakhs p.a.
	Details of UGT tanks if any :	Domestic : 860 KL Fire fighting : 500 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	22,525.46 m ³ / Year i.e. 450.51 m ³ / Day
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	742
	STP technology:	MBBR
	Capacity of STP (CMD):	6 No. STP I: 157 KLD STP II: 65 KLD, STP III: 135 KLD, STP IV: 200, STP V: 215 KLD, STP VI: 30 KLD
	Location & area of the STP:	As per layout
	Budgetary allocation (Capital cost):	180.46 /- lakhs
	Budgetary allocation (O & M cost):	43.22/- lakhs pa
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1% of raw material
	Disposal of the construction waste debris:	As filling material on same site
Waste generation in the operation Phase:	Dry waste:	1243.55 kg/day
	Wet waste:	1778 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	84 kg/day
	Others if any:	E waste ; 3534.55 Kg/Year

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Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Organic waste convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Organic waste convertor
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	74
	Area for machinery:	50
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	35
	O & M cost:	5

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.5 - 8.5	6.5 - 7.5	Not applicable
2	COD	mg/l	300-400	<30	Not to exceed 100 mg/l
3	BOD	mg/l	250-300	<10	Not to exceed 10 mg/l
4	SS	mg/l	350-450	<5	Not exceed 50 mg/l
5	O & G	mg/l	10	<5	Not applicable
6	TDS	mg/l	--	<1000	Not applicable
7	Nitrogen	mg/l	40-50	less than or equal to 10	Not applicable
8	Phosphate	mg/l	5-7	less than or equal to 5	Not applicable
9	E.Coli	MPN/100	1000000	Nil	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 sent to the CETP: Not applicable

Membership of CETP (if require): Not applicable

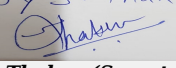
Note on ETP technology to be used: Not applicable

Disposal of the ETP sludge: Not applicable

38. Hazardous Waste Details

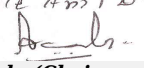
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

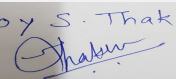
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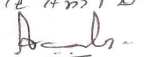
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

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 :	3734.38 sqm						
	No of trees to be cut :	NA						
	Number of trees to be planted :	392						
	List of proposed native trees :	As per the list below						
	Timeline for completion of plantation :	2 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	Ailanthus excelsa	Maharukh	54	SHEDY TREE				
2	Albizia lebbeck	Shirish	27	shedy tree				
3	Anthocephallus cadamba	Kadamb	63	bird attracting tree and shedytree				
4	Azadirachta indica	Neem	45	medicinal tree				
5	Bauhinia racemosa	Apta	67	prevent soil erpsion				
6	Saraca indica	Sita Ashok	33	bird attracting				
7	Phyllanthus embilica	Awala	15	fruit bearing tree				
8	Lagerstroemia speciosa	Tamhan	88	shedy 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	NA	NA	NA					
47.Energy								

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	5839 KW
	During Operation phase (Demand load):	2744 KW
	Transformer:	4 Nos. of 630 KVA, 1 Nos. of 315 KVA
	DG set as Power back-up during operation phase:	1 Nos. of 160 KVA, 2 Nos. of 125 KVA
	Fuel used:	27.7 lit./hr @ 75% Loading, 20.2 lit./hr @ 75% Loading
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Auto Timer control for external & Common lighting
 Use of CFL / LED lamps in all public/ common areas.
 Solar powered water heating .
 Electronic V3F Drives for Elevators
 Solar PV Panel power for common area lighting.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	37800 KWH / Anum
2	Timer Logic Controller	198283 KWH / Anum
3	Electronic V3F drive for Lifts	65350 KWH / Anum
4	Solar Water Heater	1663440 KWH / Anum

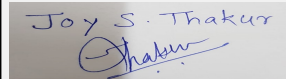
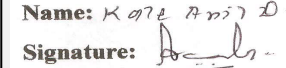
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water pollution	Not applicable	STP
Noise Pollution	Not applicable	Acoustic encloser to DG set
Solid waste	Not applicable	OWC to wet waste

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	231.58 lakhs
	O & M cost:	8.99 /-lakhs pa

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 7, 2019	Page 30 of 150	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	dust suppression measures, barricading and top soil preservation	25
2	Site Sanitation & Safety	Sanitation measures and safety equipments	50
3	Environmental Monitoring	Air,water, noise and soil analysis	2
4	Disinfection	Paste control	3
5	Health Check up	Health camp	4

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	STP installation and operation and piping up to final disposal	180.46	43.22
2	Solid waste management	Installation and operation of OWC	35	5
3	Rain water harvesting	Pits with bores and piping	20	1.0
4	Landscape	Green area	39.63	21.13
5	Energy	energy conservation measures	231.58	9
6	Environment monitoring	Air,water, noise and soil analysis	--	1.60
7	Safety equipment and training	Safety equipment on site and training to labours	9.00	--

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

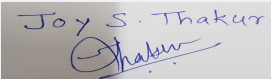
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

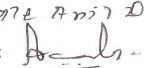
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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SEAC-III)

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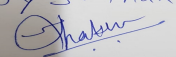
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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Parking details:	Number and area of basement:	2
	Number and area of podia:	NA
	Total Parking area:	57659
	Area per car:	35 sqm and 30 sqm
	Area per car:	35 sqm and 30 sqm
	Number of 2-Wheelers as approved by competent authority:	3078
	Number of 4-Wheelers as approved by competent authority:	1381
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	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) B2 as per the EIA notification 2006
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

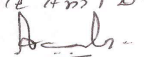
Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory
Waste Water Treatment	Satisfactory
Drainage pattern of the project	Satisfactory
Ground water parameters	Satisfactory
Solid Waste Management	Satisfactory

Joy S. Thakur


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 97 Meeting Date: November 7, 2019

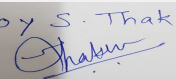
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Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

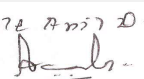
Air Quality & Noise Level issues	Satisfactory
Energy Management	Satisfactory
Traffic circulation system and risk assessment	Satisfactory
Landscape Plan	Satisfactory
Disaster management system and risk assessment	Satisfactory
Socioeconomic impact assessment	Satisfactory
Environmental Management Plan	Satisfactory
Any other issues related to environmental sustainability	Satisfactory
Brief information of the project by SEAC	

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Joy S. Thakur

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Name: K. Anil Kale

Signature: Shri. Anil Kale (Chairman SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 54975 m², FSI area of 90202.3 m², Non FSI area of 58785.94 m² and total BUA of 148988 m².

The building configuration of the proposal is as below:

Building A-1, A-2, A-3: P+St+11 (Height 37.45 m)

Building B-1, B-2, B-3, C-1, C-2, C-3, D-1, D-2, D-3: B2+B1+P+12 (Height 37.40 m)

Building E-1, E-3: B2+B1+P+8 (Height 26.00 m)

Building E-2: B2+B1+P+7 (Height 23.15 m)

Building F-1: B2+B1+P+3 (Height 13.80 m)

Club House: G+1 (Height 7.77 m)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

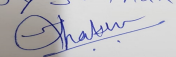
During discussion following points emerged:

1. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.

SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

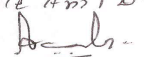
Specific Conditions by SEAC:

FINAL RECOMMENDATION

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

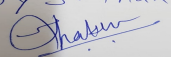
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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

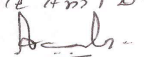
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000353

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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Name: Kote Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03

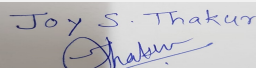
SEAC Meeting number: 97 Meeting Date November 7, 2019

Subject: Environment Clearance for Proposed Construction of Residential & Commercial Project at S. No. 258 1/1, Khese Park, Lohegaon By Jain Construction under PMAY Scheme

Is a Violation Case: No

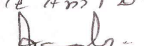
1.Name of Project	Proposed Construction of Residential & Commercial Project at S. No. 258 1/1, Khese Park, Lohegaon By Jain Construction under PMAY Scheme
2.Type of institution	Private
3.Name of Project Proponent	Mr. Suhas Alhat
4.Name of Consultant	MITCON Consultancy & Engineering Services Ltd.
5.Type 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	Not applicable
8.Location of the project	258 1/1
9.Taluka	Haveli
10.Village	Lohegaon
Correspondence Name:	Mr. Suhas Alhat
Room Number:	NA
Floor:	Level VII
Building Name:	Muttha Chambers II
Road/Street Name:	Senapati Bapat Marg
Locality:	Senapati Bapat Marg
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Plans not yet sanctioned IOD/IOA/Concession/Plan Approval Number: Plans not yet sanctioned Approved Built-up Area: 38628.52
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plans not yet sanctioned
15.Total Plot Area (sq. m.)	24950.0
16.Deductions	12409.52
17.Net Plot area	12540.48
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 19049.24 b) Non FSI area (sq. m.): 19579.28 c) Total BUA area (sq. m.): 38628.52
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19049.24 Approved Non FSI area (sq. m.): 19579.28 Date of Approval: 01-01-1900
19.Total ground coverage (m2)	4749.34
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.03 %
21.Estimated cost of the project	726000000

22.Number of buildings & its configuration

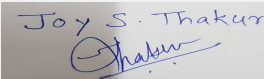

Joy S.Thakur (Secretary
SEAC-III)

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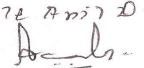
Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A1	LG + UG + 6 Floors	21.55	
2	Wing A2	LG + UG + 6 Floors	21.55	
3	Wing A3	LG + UG + 6 Floors	21.55	
4	Wing A4	LG + UG + 6 Floors	21.55	
5	Wing A5	LG + UG + 6 Floors	21.55	
6	Wing A6	LG + UG + 6 Floors	21.55	
7	Wing A7	LG + UG + 6 Floors	21.55	
8	Wing A8	LG + UG + 6 Floors	21.55	
9	Wing A9	LG + UG + 6 Floors	21.55	
10	Wing A10	LG + UG + 6 Floors	21.55	
11	Wing A11	LG + UG + 6 Floors	21.55	
12	Wing A12	LG + UG + 6 Floors	21.55	
13	Wing A13	LG + UG + 6 Floors	21.55	
14	Wing 14: MHADA	LG + Shops Floor + 6 Floors	21.55	
15	Wing 15: MHADA	LG + Shops Floor + 6 Floors	21.55	
23.Number of tenants and shops		Residential Tenements: 360, Shops: 12 Nos.		
24.Number of expected residents / users		Residential: 1800, Commercial: 145, Total: 1945		
25.Tenant density per hectare		250		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		20 m		
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				

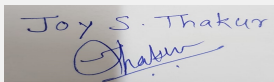

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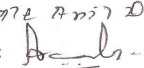
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC							
	Fresh water (CMD):	238							
	Recycled water - Flushing (CMD):	85							
	Recycled water - Gardening (CMD):	12							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	250							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	10							
	Excess treated water	153							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	238							
	Recycled water - Flushing (CMD):	85							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	250							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	10							
	Excess treated water	165							
Details of Swimming pool (If any)		NA							
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	0	238	238	0	11.9	11.9	0	226.1	226.1
Gardening	0	12	12	0	12	12	0	0	0
Fresh water requirement	0	238	238	0	11.9	11.9	0	226.1	226.1

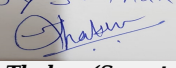

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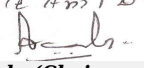
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	As per Hydrogeo Report
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	3 Nos.
	Size of recharge pits :	2mx2mx2m(D)
	Budgetary allocation (Capital cost) :	1.8 Lakhs
	Budgetary allocation (O & M cost) :	0.36 Lakhs/annum
	Details of UGT tanks if any :	1. Domestic tank: 247 cmd 2. Fire Fighting: 150 cmd 3. Flushing Tank Near STP: 81 cmd
35.Storm water drainage	Natural water drainage pattern:	Slope is from North to South direction
	Quantity of storm water:	423 m3/hr
	Size of SWD:	450x450 mm
Sewage and Waste water	Sewage generation in KLD:	226.1
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. x 240 cmd
	Location & area of the STP:	South side of A1 Building
	Budgetary allocation (Capital cost):	45 Lakhs
	Budgetary allocation (O & M cost):	4.5 Lakhs/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Domestic Waste: 30 Kg/d
	Disposal of the construction waste debris:	Will be used for site leveling & back filing
Waste generation in the operation Phase:	Dry waste:	229.0 Kg/d
	Wet waste:	535.0 Kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	22.6 Kg/d
	Others if any:	E Waste: 194.5 Kg/yr.

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Name: K. Anil D.
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Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be handed over to authorized recycler
	Wet waste:	Will be composted on site in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be composted on site
	Others if any:	E Waste Will be handed over to authorized recycler
Area requirement:	Location(s):	South side of A1 Building
	Area for the storage of waste & other material:	20.0 Sq. m.
	Area for machinery:	25.0 Sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15.0 Lakhs
	O & M cost:	2.0 Lakhs/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 sent 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

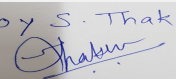
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	DG Set	Diesel: 28.8 Lit./hr.	2	2.5	0.2	150 degree Celsius

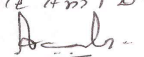
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	28.8 lit/hr.	28.8 lit/hr.
41. Source of Fuel		Local Vendor		
42. Mode of Transportation of fuel to site		By Road		

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	1254.04 Sq. m.
	No of trees to be cut :	0
	Number of trees to be planted :	157
	List of proposed native trees :	Attached as below
	Timeline for completion of plantation :	Within 1 year after completion

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

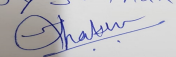
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Simarouba glauca	Laxmi Taru	20	Tall tree, Medicinal, use as timber
2	Ailathus excelsa	Maharukh	20	Large tree, good for roadside plantation
3	Cassia fistula	Bahava	20	Small fast-growing, firewood, livestock fodder
4	Roystonea regia	Royal palm	20	Ornamental, The fruit is eaten by birds and bats
5	Dalbergia sissoo	Sissoo	20	Medium to large deciduous tree, timber tree
6	Bauhinia purpurea	Butterfly tree	20	Small to medium-sized deciduous fast growing
7	Lagerstroemia speciosa	Pride of India	20	Deciduous plant, popular garden and park plant
8	Mangifera Indica	Mango	10	Fruit Bearing
9	Psidium guajava	Peru	07	Fruit Bearing

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	NA	NA	NA

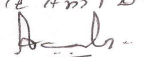
47.Energy

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Name: K. Anil Kale


Shri. Anil Kale (Chairman
SEAC-III)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	1 No. x 40 KVA
	During Operation phase (Connected load):	1478 KW
	During Operation phase (Demand load):	811 KW
	Transformer:	630 KVA - 2 Nos.
	DG set as Power back-up during operation phase:	1 No. x 160 KVA for Project & 1 No. x 20 KVA for MHADA Building
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Generally we have proposed high efficiency transformer, motors etc. to reduce losses.
2. Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures.
3. Total of all Savings for (per year) - 217395 KWH / Annum (20 %)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	1. Generally we have proposed high efficiency transformer, motors etc. to reduce losses. 2. Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures.	217395 KWH / Annum (20 %)

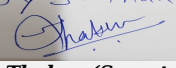
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set	Not applicable	Stack & Acoustic Enclosure
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	45 Lacs
	O & M cost:	0.90 Lacs / Year

51. Environmental Management plan Budgetary Allocation

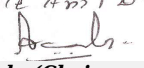
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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 Joy S. Thakur (Secretary SEAC-III)

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Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

1	Air	Water for Dust Suppression and barricading top soil preservation	2.0
2	Sanitation	Site Sanitation & Toilets	1.2
3	Environmental Monitoring	Air, water, soil, noise	2.0
4	Health	Disinfection & Health Check ups	1.5
5	Safety	Labour safety equipments	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	Water	RWH	2.0	0.2
2	Waste water	STP	45.0	4.5
3	Solid waste	OWC	15.0	2.0
4	Plantation	Greenbelt/Landscape	2.5	1.0
5	Energy	Solar PV Panels & Water heating	45	0.9
6	Environment Monitoring	Air, water, soil, noise	0	3.5

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

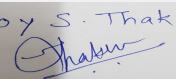
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

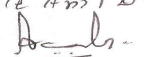
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	One
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 Joy S. Thakur (Secretary SEAC-III)

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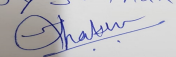
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Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	1 No. having 1865 Sq. m. area
	Number and area of podia:	NA
	Total Parking area:	13474.80 Sq. m.
	Area per car:	12.5 Sq. m.
	Area per car:	12.5 Sq. m.
	Number of 2-Wheelers as approved by competent authority:	Scooters: 2607, Cycles: 2042
	Number of 4-Wheelers as approved by competent authority:	916
	Public Transport:	Available
	Width of all Internal roads (m):	Min 6 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)- Building & Construction Projects
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

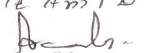
Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.

Joy S. Thakur


Joy S. Thakur (Secretary SEAC-III)

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Name: K. Anil D.
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 24950.0 m², FSI area of 19049.24 m², Non FSI area of 19579.28 m² and total BUA of 38628.52 m².

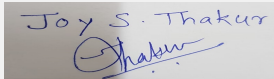
The building configuration of the proposal is as below:

Wing A1 to A13 (Total 13 Buildings): LG + UG + 6 (Height 21.55 m)

Wing 14 and 15 (MHADA): LG + Shops Floor + 6 Floors (Height 21.55 m)

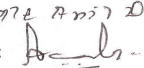
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

During discussion following points emerged:

1. PP to submit copy of tanker agreement for sustainable water supply.

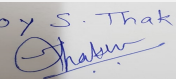
SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

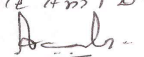
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000353

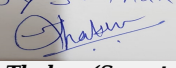
Joy S. Thakur

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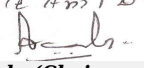
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Environment Clearance for residential and Commercial Construction Project	
Is a Violation Case: No	
1.Name of Project	Kamalraj Haridwar
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kamlesh K. Gandhi
4.Name of Consultant	Appointment of consultant is in Process
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion (Due to plot amalgamation)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.NO:82/5 (P) , 82/5/9 (P) 82/7 (P) Alandi Road Dighi , Pune-411015
9.Taluka	Haveli
10.Village	DIGHI, PUNE
Correspondence Name:	Mr. Kamlesh K. Gandhi
Room Number:	B- 201-202
Floor:	2nd floor
Building Name:	Kamalraj Haridwar
Road/Street Name:	S.No.82/7 (P) , Dighi- Alandi Road
Locality:	Walkenagar , Dighi
City:	Pune
11.Whether in Corporation / Municipal / other area	PCMC
12.IOD/IOA/Concession/Plan Approval Number	BP/ENVIRONMENT/DIGHI/01/2019 DATED 11/04/2019 IOD/IOA/Concession/Plan Approval Number: BP/ENVIRONMENT/DIGHI/01/2019 DATED 11/04/2019 Approved Built-up Area: 23420.21
13.Note on the initiated work (If applicable)	Total B.U.A. 19421.25
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	7790.65
16.Deductions	574.00
17.Net Plot area	6494.988
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 11231.90 b) Non FSI area (sq. m.): 12188.31 c) Total BUA area (sq. m.): 23420.21
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 11231.90 Approved Non FSI area (sq. m.): 12188.31 Date of Approval: 11-04-2019
19.Total ground coverage (m2)	1034.55 sq.m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26%
21.Estimated cost of the project	330000000
22.Number of buildings & its configuration	

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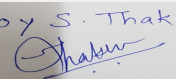
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	2P + 11	32.17
2	B	2P + 11	32.17
3	C	P/G + 9	30.65
4	Commercial (C Building)	G + 3	14.95

23.Number of tenants and shops	Tenements:180 Shops: 03 Convenience Shops:- 05 Offices:- 28
24.Number of expected residents / users	Residential - 900 Commercial - 475
25.Tenant density per hectare	250
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60.00 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	A Building- 2P + 11 B Building- 2P +11 C Building- P+2-RCC only (Total Constructed area:- 19.421.25 sq. m.)
30.Details of the demolition with disposal (If applicable)	NA

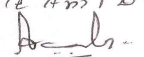
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement				
----------------------------	--	--	--	--

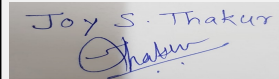
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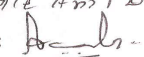
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

Dry season:	Source of water	PCMC								
	Fresh water (CMD):	93.00 m3/day								
	Recycled water - Flushing (CMD):	50.00 m3/day								
	Recycled water - Gardening (CMD):	4.00 m3/day								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	147.00 m3/day								
	Fire fighting - Underground water tank(CMD):	100 m3/day								
	Fire fighting - Overhead water tank(CMD):	60 cum								
	Excess treated water	75 m3/day								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	93.00 m3/day								
	Recycled water - Flushing (CMD):	50.00 m3/day								
	Recycled water - Gardening (CMD):	0.00								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	143.00 m3/day								
	Fire fighting - Underground water tank(CMD):	100 m3/day								
	Fire fighting - Overhead water tank(CMD):	60 cum								
	Excess treated water	78.59 m3/day								
Details of Swimming pool (If any)		NA								
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	87.75	55.15	142.9	8.775	5.515	14.29	78.975	49.635	128.61	
Gardening	--	--	4.826	--	--	4.826	--	--	00	


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Name: K. Anil Kale
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post Monsoon (8-10 m)
	Size and no of RWH tank(s) and Quantity:	2.0 x 2.0 x 3.0 , 5
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5
	Size of recharge pits :	2.0 x 2.0 x 3.0
	Budgetary allocation (Capital cost) :	3.75 Lakh
	Budgetary allocation (O & M cost) :	0.19 Lakh
	Details of UGT tanks if any :	For A& B Building Domestic UG tank Capacity: 90 m3/ Fire UG tank Capacity: - 50 m3 Flushing UG tank Capacity near STP: 35 m3 For Building C Domestic UG tank Capacity: 60 m3 Fire UG tank Capacity: - 50 m3 Flushing UG tank Capacity near STP: - 21 m3
35.Storm water drainage	Natural water drainage pattern:	As per Contour
	Quantity of storm water:	467.439 m3/day
	Size of SWD:	450 MM
Sewage and Waste water	Sewage generation in KLD:	129 m3/day
	STP technology:	Photochemical Oxidation
	Capacity of STP (CMD):	1 No. of STP having capacity of 130
	Location & area of the STP:	At ground level of A building near open space
	Budgetary allocation (Capital cost):	26 Lakh
	Budgetary allocation (O & M cost):	4 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of raw Material
	Disposal of the construction waste debris:	Construction waste will be reused for internal road leveling
Waste generation in the operation Phase:	Dry waste:	180 kg/day
	Wet waste:	270 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Joy S.Thakur (Secretary SEAC-III)		SEAC Meeting No: 97 Meeting Date: November 7, 2019
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		Signature:  Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Authorised Vendor
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Plan Enclosed
	Area for the storage of waste & other material:	8 m2
	Area for machinery:	31 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	13 Lakh
	O & M cost:	3 Lakh

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	BOD	mg/l	250-400	=10	Not to exceed 10 mg/lit
2	COD	mg/l	450-600	=20	Not to exceed 100mg/lit
3	TSS	mg/l	250-300	=10	Not to exceed 50 mg/lit
4	pH	--	6.0-8.0	= 7.5	--
5	Oil & Grease	mg/l	10	= 5	--
6	Fecal Coli form	MPN/100 ml	10000000- 100000000	=100	--
7	TKN	mg/l	10-50	4-5	--
8	Phosphate	mg/l	10-50	1-4	--

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

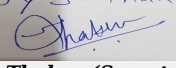
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38. Hazardous Waste Details

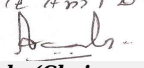
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Joy S. Thakur

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Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	125 KVA DG. Set	Diesel and 23 Litr.	1	6.23 Mtr.	4 inch	500 C

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 :

721.67 sq.m.

No of trees to be cut :

NA

Number of trees to be planted :

99

List of proposed native trees :

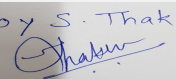
As per below list

Timeline for completion of plantation :

2 or 3 Yrs

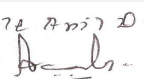
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebek	Shirish	05	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds)
2	Cassia fistula	Bahava	07	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
3	Bauhinia blackiana	Kanchanraj	18	Every part of the plant is medicinal, Drought tolerant species.
4	Anthocephalus kadamba	Kadamb	05	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
5	Azadirachta indica	Neem	05	Medicinal value, To control soil erosion. To improve soil erosion
6	Bauhinia purpurea	Gulabi kanchan	05	Every part of the plant is medicinal, Drought tolerant species.
7	Ficus microcarpa	Nandruk	05	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
8	Mimusops elengi	Bakul	13	Fragrant flowers, Medicinal value, To control soil erosion.
9	Pongamia pinnata	Karanj	05	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.

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Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

10	Michelia champaca	Sonchafa	09	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
11	Nyctanthus arbotritris	Parijatak	10	Fragrant flowers, Medicinal value
12	Schleichera oleosa	Kusum	05	Medicinal value, Native species.
13	Roystonea Regia	Bottle palm	07	Ornamental tree ,Medicinal value, Bird attracting species

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	NA	NA	NA

47.Energy

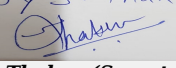
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	1 X 40 KVA
	During Operation phase (Connected load):	1072 KW (1191 KVA)
	During Operation phase (Demand load):	620 KW (689 KVA)
	Transformer:	11 KV/630 KVA -1 No.
	DG set as Power back-up during operation phase:	125 KVA - 1 No
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Solar Water Heating Systems Will Be Done For Bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.
- Water Level Controllers with Timers will be used for Water Pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like T5 Lamps & LED Lights.

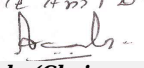
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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Name: K. Anil D.
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Shri. Anil Kale (Chairman SEAC-III)

1	Total Annual Savings in KWH for Solar Power, Hot Water & Led Lighting	2975 KWH
2	Total	16.66 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water Generation	STP	---
Wet Garbage	--	OWC
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	28.40 Lakh
	O & M cost:	0.57 Lakh

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

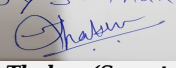
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust suppression measures & barricading	5.0
2	Site Safety	Nets, Barricade	3.0
3	Site Sanitation	Public Toilets	2.0
4	Disinfection & health Check up	For Labours	2.0
5	Environment Monitoring	STP, OWC	1.0

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	To treat waste water	26.00	4
2	Solid waste Management	To treat wet waste	13.0	3.0
3	Storm Water network	To collect rain water	18.0	0.36
4	Rain water Harvesting	To collect rain water	3.75	0.19
5	Landscape	To maintain greenary	12.06	1.93
6	Energy conservation measures	To save electrical energy	28.40	0.57
7	Environmental Monitoring	Air, water, Noise Monitoring	--	3.00

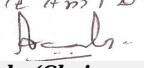
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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
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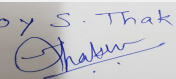
Joy S. Thakur

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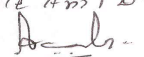
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

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:	NA					
Parking details:	Number and area of basement:	NA					
	Number and area of podia:	01 no., area - 3557.10 sq.m					
	Total Parking area:	6174					
	Area per car:	30 sq. m.					
	Area per car:	30 sq. m.					
	Number of 2-Wheelers as approved by competent authority:	548					
	Number of 4-Wheelers as approved by competent authority:	137					
	Public Transport:	NA					
	Width of all Internal roads (m):	NA					
	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	NA					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							

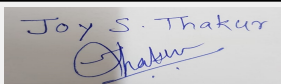
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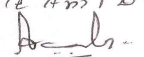
Name: K 071 Anil D
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.
Brief information of the project by SEAC	


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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

PP had submitted application for prior Environmental clearance for total plot area of 7790.65 m², FSI area of 11231.90 m², Non FSI area of 12188.31 m² and total BUA of 23420.21 m².

The building configuration of the proposal is as below:

Building A and B : 2P + 11 (Height 32.17 m)

Building C : P/G + 9 (Height 30.65 m)

Commercial (Below Building C): G+3 (Height 14.95 m)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

During discussion following points emerged:

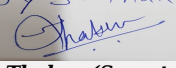
1. In CER, PP to replace training activity (Cost Rs. 4 lakh) with some other asset creation activity.
2. PP to submit details of debris management plan.

SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

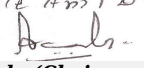
FINAL RECOMMENDATION

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

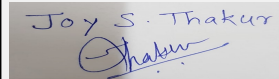
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SEAC-III)

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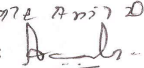
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for proposed construction project by M/s Kesar Vighnaharta Group	
Is a Violation Case: No	
1.Name of Project	"Kesar Tree Town"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Dilip M. Patel.
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes Vide No. SEAC-III-2014/CR-419/TC-3 dated 28th January 2016
8.Location of the project	Gat No 18(P),34(P),37,38,39,40 Moshi, Pune
9.Taluka	Haveli
10.Village	Moshi,
Correspondence Name:	Vinodkumar M Patel
Room Number:	Gat No. 37
Floor:	-
Building Name:	Near Zee Engineering Works
Road/Street Name:	-
Locality:	Moshi,Haveli
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: B.P./ENV/MOSHI/02/2018 Approved Built-up Area: 92324.69
13.Note on the initiated work (If applicable)	24909.90 m2 As per previous EC dated 28th January 2016
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable-3875.21m2
15.Total Plot Area (sq. m.)	25635.80 m2
16.Deductions	6878.65 m2
17.Net Plot area	18757.15m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 47513.64 m2 b) Non FSI area (sq. m.): 44813.57 m2 c) Total BUA area (sq. m.): 92327.21
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 47513.64 m2 Approved Non FSI area (sq. m.): 44811.05m2 Date of Approval: 26-04-2018
19.Total ground coverage (m2)	4657.11 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.57 % of total plot area (25635.80 m2) , 24.82 % of net plot area (18757.15 m2)
21.Estimated cost of the project	2300000000
22.Number of buildings & its configuration	


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Name: K. Anil D.
Signature: 
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building-A1	GP +Po.Pr.+ 12	40.60
2	Building-A2	GP +Po.Pr.+ 12	40.60
3	Building-B1	GP +Po.Pr.+ 12	40.60
4	Building-B2	GP +Po.Pr.+ 12	40.60
5	Building- C	GP +Po.Pr.+ 12	40.60
6	Building- D	GP +Po.Pr.+ 12	40.60
7	Building- E	P + 12	37.70
8	Parking	G+1	8.70

23.Number of tenants and shops

Total Tenements 934 Nos.
Shops-15 Nos.

24.Number of expected residents / users

Residential Users-4670 nos. Commercial users- 80 Nos. Total Users: 4750 Nos.

25.Tenant density per hectare

250/H

26.Height of the building(s)

27.Right of way (Width of the road from the nearest fire station to the proposed building(s))

30 m wide DP road

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation

9m

29.Existing structure (s) if any

Not Applicable

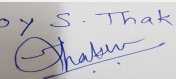
30.Details of the demolition with disposal (If applicable)

Not Applicable

31.Production Details

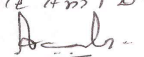
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

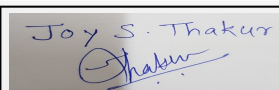
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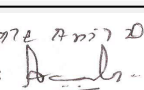
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Dry season:	Source of water	PCMC								
	Fresh water (CMD):	661.05 m3/day (One time)								
	Recycled water - Flushing (CMD):	212.15 m3/day								
	Recycled water - Gardening (CMD):	17.00 m3/day								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	431.90 m3/day								
	Fire fighting - Underground water tank(CMD):	400.00 m3								
	Fire fighting - Overhead water tank(CMD):	165.00 m3								
	Excess treated water	350.49 m3/day								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	644.05 m3/day (One time)								
	Recycled water - Flushing (CMD):	212.15 m3/day								
	Recycled water - Gardening (CMD):	0.00 m3/day								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	431.90 m3/day								
	Fire fighting - Underground water tank(CMD):	400.00 m3								
	Fire fighting - Overhead water tank(CMD):	165.00 m3								
	Excess treated water	367.49 m3/day								
Details of Swimming pool (If any)		NA								
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	

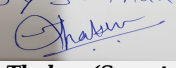

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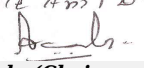
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10 m BGL
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	05 Nos
	Size of recharge pits :	2mx2mx2m
	Budgetary allocation (Capital cost) :	Rs.4.00 Lakh
	Budgetary allocation (O & M cost) :	Rs 0.40 Lakh/Year
	Details of UGT tanks if any :	Residential & Commercial : Domestic UG tank Capacity:705 m3 Flushing UG tank Capacity: 230 m3 Fire UG tank Capacity: 400 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	3746 m3/year
	Size of SWD:	900 mm
Sewage and Waste water	Sewage generation in KLD:	Residential: 576.40 m3/day & Commercial: 3.24 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No.- 625 m3/day
	Location & area of the STP:	395.00m2
	Budgetary allocation (Capital cost):	Rs. 90.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 14.61 Lakh / Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 Kg/day
	Disposal of the construction waste debris:	Use for Levelling
Waste generation in the operation Phase:	Dry waste:	946 kg/day
	Wet waste:	1409 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	52.16 kg/day
	Others if any:	NA

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Name: K. Anil D.
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 SEAC-III)

Mode of Disposal of waste:	Dry waste:	SWaCH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	150.00 m ²
	Area for machinery:	Included in other area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 39.75 Lakh
	O & M cost:	Rs.8.81Lakh / 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

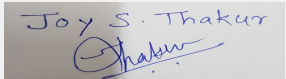
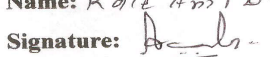
39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	160 KVA-1No. (Existing)	HSD-38.30 Lit/Hr	S-1	6.53	As per norms	As per norms
2	250 KVA-1No. (Proposed)	HSD-53.60 Lit/Hr	S-2	7.16	To be provided	To be provided

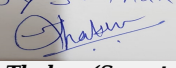
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	38.30 Lit/Hr	53.60 Lit/Hr	91.90 lit./hr

41.Source of Fuel	Bharat Petroleum Corporation Limited/ Hindustan Petroleum
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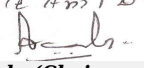
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 7, 2019	Page 62 of 150	Name: K. Anil D.  Shri. Anil Kale (Chairman SEAC-III)
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42.Mode of Transportation of fuel to site		By Roadway		
43.Green Belt Development	Total RG area :	2181.93 m2		
	No of trees to be cut :	-		
	Number of trees to be planted :	274Nos.		
	List of proposed native trees :	274Nos.		
	Timeline for completion of plantation :	Before Completion		
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	Bahunia purpurea	Kanchan	09	Flowering Plant.
2	Erythrina indica	Pangara	17	Good for roadside plantation, provide shade.
3	Cassia fistula	Bahava	16	Medicinal use.
4	Azadirachta indica	Neem	12	Medicinal use.
5	Anthocephalus kadamba	Kadamb	18	Tree is suitable for ornamental use.
6	Cordia dichotoma	Bhokar	11	Fruits are pickled & also used as vegetable fodder
7	Mimusops elengii	Bakul	25	Flowering plant
8	Manilkara sapota	Chiku	05	Fruit bearing tree
9	Dillenia	Karmal	09	Medicinal use
10	Areca catechu	Supari	41	Medicinal benefits.
11	Plumeria rubra	Red Champa	14	Flowering tree
12	Psidium guajava	Guava	14	Fruit bearing tree
13	Cassia glauca	Bhutya	04	Evergreen trees, Good for roadside plantation, provide shade, Attracts birds, butterflies, bees.
14	Nyctanthes arbor-tristis	Parijatak	41	Flowering tree
15	Plumeria alba	White Champa	14	Flowering tree
16	Michelia champaka	Pivla Chafa	11	Flowering tree
17	Saraca Indica	Sita Ashok	13	Medicinal herb
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 :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA-1 No
	During Operation phase (Connected load):	3155 KW
	During Operation phase (Demand load):	2059 KW
	Transformer:	4 Nos x 630 KVA (2 Nos.- Existing & 2 Nos Proposed)
	DG set as Power back-up during operation phase:	160 KVA - 1 No.(Existing) , 250 KVA - 1 No. (Proposed)
	Fuel used:	For 160 KVA - 38.30 lit/hr. (100% Loading) ,For 250 KVA -53.60 lit/hr. (100% Loading)
	Details of high tension line passing through the plot if any:	NA

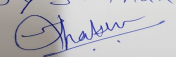
48. Energy saving by non-conventional method:

Solar Water Heating Systems Will Be Done For Bathrooms.
 Solar lights will be provided for common amenities like Street lighting & Garden lighting.
 LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
 Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.
 Water Level Controllers with Timers will be used for Water Pumps.
 To create awareness to end consumer or flat owner, for using energy efficient light fittings like LED Lights.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	105 KWH / Day
2	Garden Pole - Light Fitting For Landscape Area	1.44 KWH / Day
3	Up Lighter - Light Fitting For Landscape Area.	0.6 KWH / Day
4	Bollard Lighter - Light Fitting For Landscape Area.	1.12 KWH / Day
5	Street Light Fitting - Pole Light On Road Side	6.6 KWH / Day
6	Street Light Fitting - On the Bldg.	19.8 KWH / Day
7	Energy Saving by Solar Hot Water System	3502.5 KWH / Day
8	Solar Power System	11352 KWH / Day
9	Total Annual Savings in	14989 KWH / Day
10	Design Demand Per Day in KWH	56784 KWH / Day
11	Demand Per day In KWH, if above saving measures were proposed.	71773 KWH / Day
12	Percentage Savings Per Day.	20.88 %

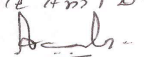
50. Details of pollution control Systems

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Source	Existing pollution control system	Proposed to be installed
Air	Barricading the site	Green Belt will be provided.
Water	We have installed STP of capacity 625 KLD for excess treated water used for flushing & gardening	-
Noise	D.G. Set of capacity 160 KVA-1 No. is Installed at site.	Traffic management plan to be prepared. Noise Monitoring will be done in once a fortnight.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to SWACH.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Solar Water Heating System-93.40 Lakh , Solar Power Pack-28.00 lakh
	O & M cost:	Solar Water Heating System- 1.87 Lakh/Year , Solar Power Pack- 00.56 Lakh/Year

51.Environmental Management plan Budgetary Allocation

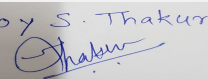
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air& Noise Monitoring	0.50
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50
3	Land Environment	Site Sanitation- Mobile toilets	0.50
4	Socio Economic Environment	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment	1.00

b) Operation Phase (with Break-up):

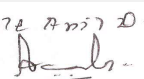
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage Treatment Plant	90.00 Lakh	14.61 Lakh/Year
2	RWH	Rainwater Harvesting	4.00 Lakh	0.40 Lakh/Year
3	MSW (OWC)	Organic Waste Converter	39.75 Lakh	8.81 Lakh/Year
4	Solar Water Heating System	-	93.40 Lakh	1.87 Lakh/Year
5	Solar Power Pack	-	28.00 lakh	00.56 Lakh/Year
6	Landscaping	-	32.00 Lakh	3.20 Lakh/Year
7	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
8	Post EC Monitoring	-	-	2.50 Lakh/Year
9	Dry Waste Management	-	-	5.60 Lakh/Year

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

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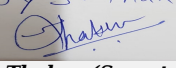
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

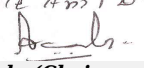
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	1-No., 14366.94 m2
	Total Parking area:	40626.10m2
	Area per car:	84.99 m2
	Area per car:	84.99 m2
	Number of 2-Wheelers as approved by competent authority:	1998
	Number of 4-Wheelers as approved by competent authority:	478
	Public Transport:	-
	Width of all Internal roads (m):	7.50 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	-

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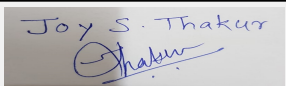
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.-
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 7, 2019	Page 67 of 150	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 25635.80 m², FSI area of 47513.64 m², Non FSI area of 44813.57 m² and total BUA of 92327.21 m².

The building configuration of the proposal is as below:

Building A1, A2, B1, B2, C and D: GP +Po.Pr.+ 12 (Height 40.60 m)

Building E: P+ 12 (Height 37.7 m)

Parking: G+1 (Height 8.70 m)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

During discussion following points emerged:

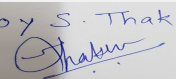
1. PP to submit undertaking regarding provision of sustainable water supply.

SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

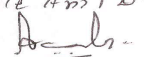
FINAL RECOMMENDATION

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

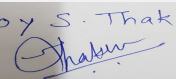
Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 97 Meeting Date: November
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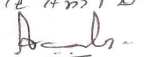
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Proposed Residential & Commercial Project at S. No. 38/8B, Sai Chowk, Dhondiraj nagar, Near Plazo Society, Balewadi	
Is a Violation Case: No	
1.Name of Project	Kundan Espacio
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rakshit Oswal
4.Name of Consultant	MITCON Consultancy & Engineering Services 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	Not applicable
8.Location of the project	Sr. No. 38/8B
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Mr. Rakshit Oswal
Room Number:	NA
Floor:	1st Floor
Building Name:	Kundan Heritage
Road/Street Name:	Opp. Khadki Railway Station
Locality:	Mumbai-Pune Highway
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Plans not yet approved IOD/IOA/Concession/Plan Approval Number: Plans not yet approved Approved Built-up Area: 31291.66
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plans not yet approved
15.Total Plot Area (sq. m.)	8900.0
16.Deductions	2941.8
17.Net Plot area	5958.20
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15954.38 b) Non FSI area (sq. m.): 15337.28 c) Total BUA area (sq. m.): 31291.66
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 15954.38 Approved Non FSI area (sq. m.): 15337.28 Date of Approval: 01-01-1900
19.Total ground coverage (m2)	1282.82
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.53
21.Estimated cost of the project	600000000
22.Number of buildings & its configuration	

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Joy S.Thakur (Secretary SEAC-III)

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

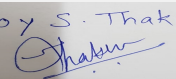
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	G+Shops+4P+10 Floors	42.75
2	Wing B	G+4P+10 Floors	42.75
3	Wing C	G+4P+10 Floors	42.75
4	Wing D	G+4P+10 Floors	42.75
5	MHADA	G+P+5 Floors	17.25

23.Number of tenants and shops	Tenements: 190 + Commercial
24.Number of expected residents / users	Residential: 950, Commercial: 443, Total: 1393
25.Tenant density per hectare	250
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 m
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

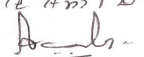
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

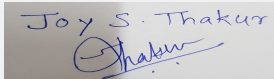
Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

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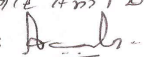
Name: K. Anil Kale

 Signature: Shri. Anil Kale (Chairman
 SEAC-III)

Dry season:	Source of water	PMC							
	Fresh water (CMD):	94							
	Recycled water - Flushing (CMD):	54							
	Recycled water - Gardening (CMD):	7.0							
	Swimming pool make up (Cum):	0.0							
	Total Water Requirement (CMD) :	155							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	90							
	Excess treated water	78							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	94							
	Recycled water - Flushing (CMD):	54							
	Recycled water - Gardening (CMD):	0.0							
	Swimming pool make up (Cum):	0.0							
	Total Water Requirement (CMD) :	148							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	90							
	Excess treated water	85							
Details of Swimming pool (If any)		NA							
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	0	148	148	0	7.4	7.4	0	140.6	140.6
Gardening	0	7	7	0	7	7	0	0	0
Fresh water requirement	0	94	94	0	4.7	4.7	0	89.3	89.3

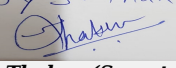

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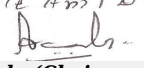
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	As per hydrogeo report
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	2 Nos.
	Size of recharge pits :	2mx2mx2m(D)
	Budgetary allocation (Capital cost) :	1.4 Lakhs
	Budgetary allocation (O & M cost) :	2.8 Lakhs/annum
	Details of UGT tanks if any :	1. Domestic tank: 142.0 cmd 2. Firefighting: 200 cmd 3. Flushing Tank Near STP: 43 cmd
35.Storm water drainage	Natural water drainage pattern:	Natural Slope is from North to South Direction
	Quantity of storm water:	189.0 m3/hr.
	Size of SWD:	450x450 mm
Sewage and Waste water	Sewage generation in KLD:	141.0
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. x 145 cmd
	Location & area of the STP:	Left side of MHADA Building
	Budgetary allocation (Capital cost):	75 Lakhs
	Budgetary allocation (O & M cost):	3.5 Lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Domestic Waste: 40.0 Kg/d
	Disposal of the construction waste debris:	Will be used for site leveling & backfilling
Waste generation in the operation Phase:	Dry waste:	205.0 Kg/d
	Wet waste:	342.0 Kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	14.1 Kg/d
	Others if any:	E-Waste: 61.0 Kg/year

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Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be handed over to authorized recycler "Swachh"
	Wet waste:	Will be composted on site by OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be composted on site
	Others if any:	E Waste will be handed over to authorized recycler
Area requirement:	Location(s):	South East corner of Plot
	Area for the storage of waste & other material:	15.0 Sq. m.
	Area for machinery:	25.0 Sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12.0 Lakhs
	O & M cost:	2.5 Lakhs/annum

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

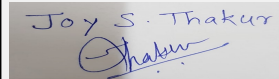
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	DG Set	Diesel: 26.6 Lit/hr.	2	2.5	0.2	150 degree Celsius

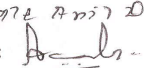
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	26.6 Lit./hr.	26.6 Lit./hr.
41.Source of Fuel		Local Vendor		
42.Mode of Transportation of fuel to site		By Road		


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Name: K 974 Anil D
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

43.Green Belt Development	Total RG area :	700.96
	No of trees to be cut :	0
	Number of trees to be planted :	88
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Within 1 Year after completion of project

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

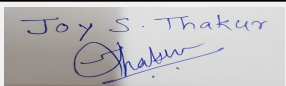
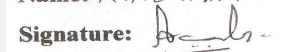
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Simarouba glauca	Laxmi Taru	10	Tall tree, Medicinal, use as timber
2	Ailanthus excelsa	Maharukh	12	Large tree, good for roadside plantation
3	Cassia fistula	Bahava	12	Small fast-growing, firewood, livestock fodder
4	Roystonea regia	Royal palm	10	Ornamental, The fruit is eaten by birds and bats
5	Dalbergia sissoo	Sissoo	12	Medium to large deciduous tree, timber tree
6	Bauhinia purpurea	Butterfly tree	12	Small to medium-sized deciduous fast growing
7	Lagerstroemia speciosa	Pride of India	10	Deciduous plant, popular garden and park plant
8	Mangifera Indica	Mango	10	Fruit Bearing

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	NA	NA	NA

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 7, 2019	Page 74 of 150	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	1 No. x 40 KVA
	During Operation phase (Connected load):	1118 KW
	During Operation phase (Demand load):	501 KW
	Transformer:	630 KVA x 1 No.
	DG set as Power back-up during operation phase:	1 No. x 160 KVA for Project & 1 No. x 10 KVA for MHADA Building
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Generally we have proposed high efficiency transformer, motors etc. to reduce losses.
2. Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures.
3. Total of all Savings for (per year) - 139925 KWH / Annum (20 %)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	1. Generally we have proposed high efficiency transformer, motors etc. to reduce losses. 2. Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures	139925 KWH / Annum (20 %)

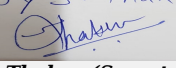
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set	Not applicable	Stack & Acoustic Enclosure
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25 Lakhs
	O & M cost:	0.50 Lacs / Year

51. Environmental Management plan Budgetary Allocation

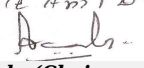
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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Joy S. Thakur

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Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

1	Air	Water for Dust Suppression and barricading top soil preservation	1.0
2	Sanitation	Site Sanitation & Toilets	2.0
3	Environmental Monitoring	Air, water, soil, noise	1.5
4	Health	Disinfection & Health Check ups	1.0
5	Safety	Labour safety equipments	0.8

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	Rain Water Harvesting	0.8	0.2
2	Waste water	Sewage Treatment Plant	55.0	6.0
3	Solid waste	Organic Waste Composter	12.0	2.0
4	Plantation	Tree Plantation	5.0	0.5
5	Energy	Energy Saving	25	0.5
6	Environment Monitoring	Air, water, soil, noise	0	1.5

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

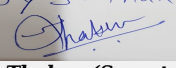
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

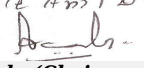
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	One
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Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

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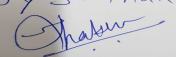
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Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	4591.7 Sq. m.
	Area per car:	12.5 Sq. m.
	Area per car:	12.5 Sq. m.
	Number of 2-Wheelers as approved by competent authority:	Scooters: 555, Cycles: 316
	Number of 4-Wheelers as approved by competent authority:	284
	Public Transport:	PMC Bus Transport
	Width of all Internal roads (m):	Min. 6 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) Building & Construction Projects
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

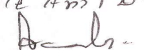
Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.

Joy S. Thakur


Joy S. Thakur (Secretary SEAC-III)

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Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 8900.0 m², FSI area of 15954.38 m², Non FSI area of 15337.28 m² and total BUA of 31291.66 m².

The building configuration of the proposal is as below:

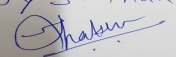
Wing A: G+Shops+4P+10 (Height 41.85 m)

Wing B, C and D: G+4P+10 (Height 41.85 m)

MHADA : G+P+5 (Height 17.25 m)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

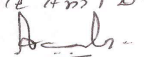
DECISION OF SEAC

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 97 Meeting Date: November
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Name: K. Anil D.
Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**

PP has satisfactorily complied with the points raised in 88th meeting of SEAC-3.

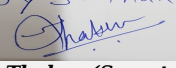
SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

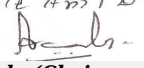
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000353

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

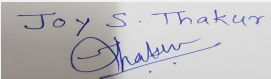
Agenda for 97th SEAC-3 meeting Day 03

SEAC Meeting number: 97 Meeting Date November 7, 2019

Subject: Environment Clearance for Amendment in EC for Life Republic integrated township project

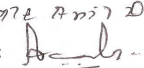
Is a Violation Case: No

1.Name of Project	Life Republic
2.Type of institution	Private
3.Name of Project Proponent	Kolte Patil I -Ven Townships (pune) Ltd.
4.Name of Consultant	No fresh EMP is required as this is the case of amendment in EC without increase in pollution load ,hence no consultant is required.
5.Type of project	Township
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	previous EC vide no. 0000001462 dated 23 April 2019
8.Location of the project	New 86 [Old S.Nos. 78/1 part, 80 part, 81/1/A part , 81/1B ,81/2, 82/1 part , 82/2 ,82/3, 83 part, 86, 107/1 ,107/2 part , 110/1A part, 110/2 part, 110/1/B part , 111/1A/1 part , 111/1A/2 part, 111/1B part, 111/2 part , 112/1 part , 113/1A/1 part, 113/1A/1B/1 part, 113/1A/1B , 113/2 ,113/1A/2, 113/1B, 114/1 part, 114/2, 115/1part, 117 part, 118/1 part, 120/3, 121 part, 122, 123],
9.Taluka	Mulshi
10.Village	Jambe, Nere and Marunji
Correspondence Name:	Rahul Talele
Room Number:	701
Floor:	7 th floor
Building Name:	City Bay
Road/Street Name:	Dhole Patil Road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	In process. IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area:
13.Note on the initiated work (If applicable)	Total constructed area 482977.56 sqm as per previous EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1628405.50 sqm
16.Deductions	100535.17 sqm
17.Net Plot area	1527870.33 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 814133 b) Non FSI area (sq. m.): 647153.52 c) Total BUA area (sq. m.): 1461287
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 803819.00 Approved Non FSI area (sq. m.): 647153.52 Date of Approval: 23-01-2019
19.Total ground coverage (m2)	268314
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.48
21.Estimated cost of the project	54176100000


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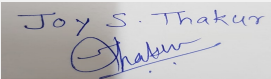
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Shri. Anil Kale (Chairman SEAC-III)

22.Number of buildings & its configuration

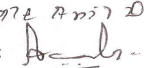
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	R1 (7 buildings) + 1 Parking Building	P + 22 & Parking Building- G+3	73.60
2	R2 (38 row houses, 47 twin bungalows and 1 bungalow)	G +1	7.00
3	R3 (5 buildings)	2 P +21	69.90
4	R4 (6 buildings)	P + 22 (for A,B,C) and for 3P+22 (for D,E,F)	70.00 and for shops 5.10
5	R6 (2 buildings)+ Commercial Building	2P + 21 (For A & B) and Commercial Building (For C) B+G+3	69.90 and for shops 14. 90
6	R7 (7 buildings) + 3 Parking Building	2P + 22 (For C and F) P +22 (For A,B,D,E,G) and Parking Building- G+3	69.90
7	R9 (5 buildings)	2P +22	69.90
8	R 16 (6 buildings) + 1 Parking Building	P + 22 & Parking Building (E) P +9	69.0 & 23.80
9	R 17 (157 Bungalows)+ Commercial Building	G + 2 & Commercial Building-2P+G+4	11.60 & 24.0
10	School (3 buildings)	G +3/G+5	27.00
11	Amenity building A1 to A5 (7 buildings)	2 buildings G +2, 2 building B + G +4 , 2 buildings G +4, 1 buildings G +1 1 building B + LG +UG + 4	16.00
12	Commercial building C1 to C6 (10 buildings)	9 buildings B +G+4, 1 building G +10	37.20
13	Hospital (2 buildings)	B +G+5	20.00
14	Fire station (2 buildings)	G +1 and P +4	14.95
15	Club house (9)	G +1	7.90

23.Number of tenants and shops	tenements: 8161 commercial building 29 (Amenity07+ School 03+ Residential Commercial09+ Commercial 10) fire station 3 buildings (36 Tenements) Hospital 2 buildings
24.Number of expected residents / users	Total no. of Residential Population- 40985, Total no. of Commercial Population- 22481 Amenity: 8653 School: 9158 Hospital: 667
25.Tenant density per hectare	95 tenements /hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m


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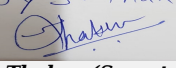
29.Existing structure (s) if any	38 row houses 42 twin bungalows, 17 buildings (Residential buildings 14, School building 1, and Fire station 2 buildings),club house
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

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

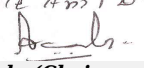
32.Total Water Requirement

Dry season:	Source of water	Pawana River
	Fresh water (CMD):	4423
	Recycled water - Flushing (CMD):	3263
	Recycled water - Gardening (CMD):	1623
	Swimming pool make up (Cum):	79
	Total Water Requirement (CMD) :	9309
	Fire fighting - Underground water tank(CMD):	As per fire NOC
	Fire fighting - Overhead water tank(CMD):	As per fire NOC
	Excess treated water	2031
Wet season:	Source of water	Pawana River
	Fresh water (CMD):	4423
	Recycled water - Flushing (CMD):	3263
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	79
	Total Water Requirement (CMD) :	7686
	Fire fighting - Underground water tank(CMD):	As per fire NOC
	Fire fighting - Overhead water tank(CMD):	As per fire NOC
	Excess treated water	3636

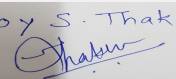
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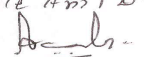
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Details of Swimming pool (If any)	Sector Capacity Total Water requirement (KL) Daily water make up (KL)								
	R1 320.70 320.70 12.8								
	R2 120.35 120.34 4.8								
	R3 239.03 239.03 9.5								
	R4 388.90 388.9 15.5								
	R6 147.66 147.7 5.9								
	R7 288.93 288.9 11.6								
	R9 226.27 250 10.00								
	R16 209.13 209.2 8.3								
	R17 265.13 265.3 10.6								
School 500 600 24									
Total Area 2473.74									
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	3178	1245	4423	317	124	441	2861	1121	3982
Gardening	488	1135	1623	488	1135	1623	0	0	0
34.Rain Water Harvesting (RWH)	Level of the Ground water table:		5 to 6 mt BG in post monsoon and 15 to 20 mt BG in pre monsoon						
	Size and no of RWH tank(s) and Quantity:		Not applicable						
	Location of the RWH tank(s):		Not applicable						
	Quantity of recharge pits:		100						
	Size of recharge pits :		2 m X 2 m X 2m						
	Budgetary allocation (Capital cost) :		0.73 Cr						
	Budgetary allocation (O & M cost) :		0.05 Cr p.a.						
	Details of UGT tanks if any :		Domestic water: 2325.96 KL Fire storage: 3525 KL						
35.Storm water drainage	Natural water drainage pattern:		As per contour						
	Quantity of storm water:		159.55 m3 / min						
	Size of SWD:		400 mm and 600 mm						

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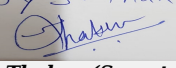
Sewage and Waste water	Sewage generation in KLD:	6917 KL
	STP technology:	MBBR
	Capacity of STP (CMD):	22 STP and total capacity 7060 KLD
	Location & area of the STP:	As per layout
	Budgetary allocation (Capital cost):	165.41 Cr
	Budgetary allocation (O & M cost):	3.15 Cr p.a.

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of raw material
	Disposal of the construction waste debris:	On site as filling material
Waste generation in the operation Phase:	Dry waste:	14138 kg/day
	Wet waste:	14423 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	282 kg/day
	STP Sludge (Dry sludge):	440 kg/day
	Others if any:	E waste : 167 kg/day
Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Through mechanical composting unit
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Through authorized agency
	STP Sludge (Dry sludge):	Through mechanical composting unit
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	61.3 sqm
	Area for machinery:	18.4 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	6.40 Cr
	O & M cost:	1.08 Cr p.a.

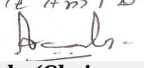
37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7-8.5	6.5-7.5	Not applicable
2	COD	mg/l	300-400	<30	Not to exceed 100 mg/l
3	BOD	mg/l	350-450	<5	Not to exceed 10 mg/l
4	TSS	mg/l	350-450	<5	Not to exceed 50 mg/l

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5	O & G	mg/l	10	<5	Not applicable
6	TDS	mg/l	Not applicable	<1000	Not applicable
7	Total Nitrogen	mg/l as N	40-50	< or equal to 10	Not applicable
8	Ammonical nitrogen	mg/l	5-7	< or equal to 1	Not applicable
9	Total phosphate	mg/l	5-7	< or equal to 2	Not applicable
10	Feacal coliform	MPN /100	1000000	Nil	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

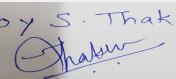
Not applicable

43.Green Belt Development

Total RG area :	At Township level: 52.73 acres (2,13,414.47 sqm) ,At Sector level: 14.08 acres (56,997.07 sqm)
No of trees to be cut :	Not applicable
Number of trees to be planted :	20590
List of proposed native trees :	As per list
Timeline for completion of plantation :	5 years

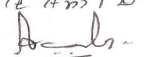
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
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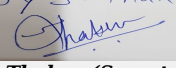
1	Areca catechu	Supari	500	In Ayurvedic medicine betel nut is used as a diuretic, digestive, anthelmintic, astringent, and cardi tonic
2	Albizia procera	Shiris	150	Wood is used chiefly for construction, furniture, carts and carriages, cane crushers, carvings, boats and oars, rice pounders, and, of course, fuel
3	Amoora rohituka	Pithraj	125	Amoora plant extract possess a multitude of medicinal properties against inflammation, cancer, and diseases of the liver. It is traditionally used as herbal medicine for cancer, tumor, liver, and spleen diseases
4	Anona reticulata	Custurd apple	250	Fruit bearing trees
5	Anthocephalus kadamba	Kadamb	250	Medicinal use - Used in preparartion of perfumes
6	Azadirachta indica	Neem	225	Medicinal use - Used in Anthelmintic, antifungal, antidiabetic, antibacterial, antiviral, contraceptive, and sedative.
7	Bauhinia purpurea	Kanchan	150	Medicinal use -Bark acts as an astringent in diarrhoea; its decoction is used as a wash in ulcers.
8	Brassia actinophylla	Umbrella tree	100	schefflera has bitter, sweet and warm properties, and is associated with the Liver meridian. Its main functions are to promote the circulation of the blood and to alleviate pain.
9	Butea monosperma	Palas	60	Medicinal use - the leaves of the Butea Monosperma are used as ingredients of tonics and aphrodisiacs and are also helpful in arresting bleeding or secretion.
10	Carica papaya	Papaya	120	Fruit tree, Papaya has been used widely in folk medicine for many ailments: the juice for warts, corns, cancers, tumors, and thickened skin; the roots or their extracts for cancers of the uterus, syphilis, the tropical infection, hemorrhoids, and to remove mineral concretions in the urine
11	Cassia fistula	Bahava	210	Medicinal use - is widely used tonic that helps in reducing fever.

45.Total quantity of plants on ground

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

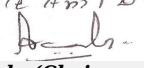
Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable

47.Energy

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	650 KW
	DG set as Power back-up during construction phase	200 KVA x 1, 100 KVA x 2, 200 KVA x 1, 62.5 KVA x 1, 50 KVA x 2, 20 KVA x 1
	During Operation phase (Connected load):	46530.40 KW
	During Operation phase (Demand load):	58162.91 KW
	Transformer:	630 KVA X 51 and 315 KVA X 2
	DG set as Power back-up during operation phase:	62.5 KVA X 2, 82.5 KVA X1, 125 KVA X 1, 160 KVA X 3, 250 KVA X 11, 320 KVA X1, 500 KVA X 3, 600 KVA X 1
	Fuel used:	Disel
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

CFL/LED, Solar lightening and solar water heater

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	CFL lights	23%
2	LED lights	23 %
3	Solar lighting	1%
4	Solar water heater	50 %

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	STP	STP
Noise due to DG set	Acoustic encloser and canopy	Acoustic encloser and canopy
Solid waste	OWC	OWC

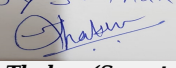
Budgetary allocation (Capital cost and O&M cost):

Capital cost:	4.20 Cr
O & M cost:	3.47 Cr P.a.

51. Environmental Management plan Budgetary Allocation

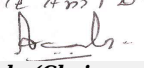
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression measures and barricading	5.00

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2	Site safety and site sanitation	PPE for labours and STP for Labour camp	4.00
3	Disinfection & health check up	Health camp, paste control	3.00
4	Environmental monitoring	air, water , soil and noise monitoring and analysis	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	STP	STP installation and construction and piping up to final disposal	16541	315
2	Solid waste management	Organic waste convertor	640	108
3	Storm water network	Internal piping and piping up to final disposal	1124	358
4	Rain water harvesting	Construction of pits and internal piping	73	5
5	Energy	Solar water heater	420	347
6	Landscape	Plantation trees	2537	7.3
7	Environment monitoring	Air, noise monitoring and water and soil analysis	3	25
8	WTP	Installation and commisioned	2992	1280
9	ETP	Installation and construction	3500	1310
10	Swimming pool	Installation and construction	562	2.33
11	Fire station	construction	2248	1432
12	Site safety and training	Installation and construction	10	0

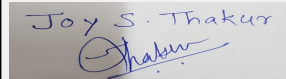
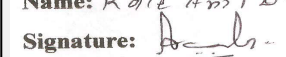
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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

52.Any Other Information

No Information Available

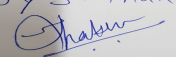
53.Traffic Management

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	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	12 number area: 56250 sqm
	Number and area of podia:	Area of podium 179196.00 sqm
	Total Parking area:	308800.4 sqm
	Area per car:	30Sqm, 35 sqm, 25 sqm
	Area per car:	30Sqm, 35 sqm, 25 sqm
	Number of 2-Wheelers as approved by competent authority:	27185
	Number of 4-Wheelers as approved by competent authority:	6284
	Public Transport:	NA
	Width of all Internal roads (m):	24 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	yes
	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

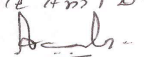
Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.

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Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

PP had submitted application for amendment in Environmental clearance for total plot area of 1628405.50 m², FSI area of 814133 m², Non FSI area of 647153.52 m² and total BUA of 1461287 m².

PP holds previous EC vide no. 0000001462 dated 23 April 2019.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) **B2**.

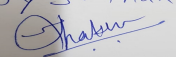
DECISION OF SEAC

SEAC decided to **recommend** the proposal for amendment in environmental Clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

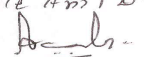
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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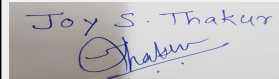
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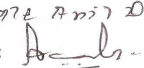
Shri. Anil Kale (Chairman
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Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Application for Environmental clearance for expansion of of residential cum commercial construction project	
Is a Violation Case: No	
1.Name of Project	Three Jewel
2.Type of institution	Private
3.Name of Project Proponent	Jairaj Developers Unit 11
4.Name of Consultant	Not appointed Yet
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes environmental clarence obtained earlier vide no. SEAC 2014/CR-127/TC-3 dated 1/4/2015
8.Location of the project	S. No. 43/1B/44/45/A plot No. 2
9.Taluka	Haveli
10.Village	Kondhwa
Correspondence Name:	Jairaj Developers Unit 11
Room Number:	0
Floor:	2
Building Name:	City point
Road/Street Name:	Dhole Patil Road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	PMC
12.IOD/IOA/Concession/Plan Approval Number	Obtained IOD/IOA/Concession/Plan Approval Number: 0046/18 Approved Built-up Area: 167900
13.Note on the initiated work (If applicable)	Phase I is complete. Phase II under construction
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	56300
16.Deductions	6992
17.Net Plot area	49308
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 84403.12 b) Non FSI area (sq. m.): 83497.30 c) Total BUA area (sq. m.): 167900
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 84403.12 Approved Non FSI area (sq. m.): 83497.30 Date of Approval: 05-04-2018
19.Total ground coverage (m2)	8579.04 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.37 %
21.Estimated cost of the project	565341291
22.Number of buildings & its configuration	


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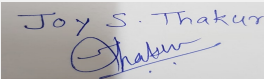
Name: K. Anil D.
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	P +P+14	46.40
2	Wing B	P +P+14	46.40
3	Wing C	P +P+14	46.40
4	Wing D	P+14	43.50
5	Wing E	P+14	43.50
6	Wing F	P+14	43.50
7	Wing G	P+14	43.50
8	Wing H	P+14	43.50
9	Wing I	P +P+15	49.30
10	Wing J	P +P+16	52.80
11	Wing K	P+16	49.63
12	Wing L	P +P+16	52.80
13	Wing M	P+16	49.63
14	Wing N	P +15	46.73
15	Wing O	P +15	46.73
16	Shopping Building	G + 0	4.35
17	Club House	G +1	7.90
18	Multipurpose Hall - Upashray	G +1	7.90

23.Number of tenants and shops	1572 tenements and shops
24.Number of expected residents / users	Residential 7860 , commercial: 322
25.Tenant density per hectare	250 ha as per DCR
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 m and 18 m
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	Wing A to H, club house and shops are completed
30.Details of the demolition with disposal (If applicable)	NA

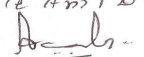
31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
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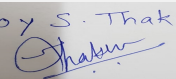
1	Not applicable	Not applicable	Not applicable	Not applicable
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32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	715 Kl
	Recycled water - Flushing (CMD):	360 Kl
	Recycled water - Gardening (CMD):	42 Kl
	Swimming pool make up (Cum):	17 KL
	Total Water Requirement (CMD) :	1117 Kl
	Fire fighting - Underground water tank(CMD):	550 Kl for Phase I and 700 KL for Phase II
	Fire fighting - Overhead water tank(CMD):	20,000 lit per building
	Excess treated water	534
Wet season:	Source of water	PMC
	Fresh water (CMD):	715 Kl
	Recycled water - Flushing (CMD):	36 KL
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	17KL
	Total Water Requirement (CMD) :	1075 Kl
	Fire fighting - Underground water tank(CMD):	550 Kl for Phase I and 700 KL for Phase II
	Fire fighting - Overhead water tank(CMD):	20,000 lit per building
	Excess treated water	576
Details of Swimming pool (If any)	Swimming pool area is 270 Sq. mtr if depth of 1.2 mtr considered Vol 324 Cum Make up water 16.20 Cum Baby pool area is 44 Sq. mtr if depth of 0.75 mtr considered Vol 26 Cum Make up water 1.32 Cum Total 17.52 Cum	

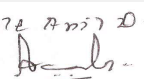
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total

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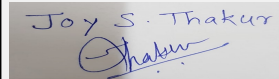
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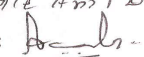
Domestic	365	350	715	36	35	71	329	315	644
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	9 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	10
	Size of recharge pits :	2 m X 2 m X 2 M
	Budgetary allocation (Capital cost) :	25 lakhs
	Budgetary allocation (O & M cost) :	1.75 lakhs p.a.
	Details of UGT tanks if any :	UGT Compartment Sr. no. Capa. In Lit. 1.5 Day capacity UGR-1 Phase I Residential + commercial Bldg 1 Drinking 101475 101500 2 Domestic (Res.) 370100 3 Domestic (Comm.) 4569 4 Raw (Common for Res.+ Comm.) 124890 5 Fire Fighting (Common for Res.+ Comm.) 550000 UGR-2 Phase II 1 Drinking 76815 2 Domestic (Res.) 280549 3 Raw (Res.) 93516 4 Fire Fighting Res.) 700000 Total 1150880
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	36.98 m3/min
	Size of SWD:	900 mm
Sewage and Waste water	Sewage generation in KLD:	1004
	STP technology:	FAB
	Capacity of STP (CMD):	1043 KLD
	Location & area of the STP:	As per layout
	Budgetary allocation (Capital cost):	217 lakhs
	Budgetary allocation (O & M cost):	3.80 /- lakhs p.a
36.Solid waste Management		


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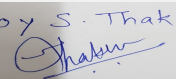
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Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 %
	Disposal of the construction waste debris:	As filling material on same site
Waste generation in the operation Phase:	Dry waste:	1620 kg/day
	Wet waste:	2390 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	100 kg/day
	Others if any:	E waste: 4252 kg/year
Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	mechanical composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	used as manure after OWC treatment
	Others if any:	E - waste: Through authorized vendor
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	31.40 sqm
	Area for machinery:	68.25 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	34/- lakhs
	O & M cost:	10 lakhs p.a.

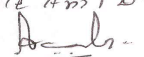
37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7 - 7.5	6.5 - 7.5	Not applicable
2	Total Suspended solids	mg/l	200 - 300	<10	Not to exceed 50 mg/l
3	Total Oil & Grease	mg/l	10	<5	Not applicable
4	BOD @3 days 27 degree C	mg/l	200 - 300	<10	Not to exceed 10 mg/l
5	COD	mg/l	350 - 400	<50	Not to exceed 100 mg/l
6	TDS	mg/l	----	<1000	Not applicable
7	Total Nitrogen	mg/l	40 - 50	<10	Not applicable
8	Ammonical Nitrogen	mg/l	---	<1	Not applicable
9	Phosphates	mg/l	5 - 7	<2	Not applicable
10	Phosphates	mg/l	5 - 7	<2	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			

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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

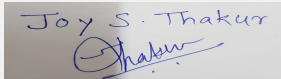
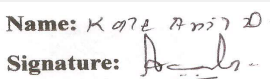
42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development

Total RG area :	6992 sqm
No of trees to be cut :	NA
Number of trees to be planted :	705
List of proposed native trees :	All are native plants
Timeline for completion of plantation :	one 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	Syzygium cumini	Jam/Jambhul	17	Fruit bearing tree,attracts birds
2	Anthocephallus kadamba	Kadamba	33	Medicinal value, control soil erosion, Used in preparation of perfumes
3	Arthocapus heterophyllus	Phanus	13	Fruit bearing tree
4	Cassia fistula	Bahava	45	Medicinal value- is widely used tonic that helps in reducing fever., Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly
5	Cartica papaya	Papaya	17	Fruit Bearing Tree

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6	Lagerstroemia flosregineae	Tamhan	73	Medicinal use in diabetes and kidney diseases, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly
7	Annona reticulata	Ramphal	18	Fruit Bearing Tree
8	Murraya paniculata	Kunti	23	Medicinal use - It is valued especially for its essential oil and used in medicine as an analgesic.
9	Michelia champka	Son chafa	43	Medicinal value- Its flowers and stem bark are useful in diabetes, quick wound healing, cardiac disorders, gout, dysuria and more., Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing
10	Khaya grandis	Khaya	32	Fruit bearing Tree, shady, deciduous
11	Pongamia pinnata	Karanj	25	Medicinal plant Drought tolerant control soil erosion, Medicinal use - Today the oil is used as a liniment for rheumatism. Leaves are active against Micrococcus; their juice is used for colds, coughs, diarrhea, dyspepsia, flatulence, gonorrhea, and leprosy. Roots are used for cleaning gums, teeth, and ulcers.
12	Saraca asoka	Sita ashoka	34	Important Ayurvedic plant
13	Magnifera indica	Mango	17	Fruit bearing tree, attracts birds
14	Acrus sapota	Chikoo	16	Fruit bearing tree
15	Muntingia calabura	Singapore Cherry	25	Fast growing, medium size, fruit bearing, attracts birds
16	Aegle marmelos	Bel	15	It is larval host for butterflies
17	Limonia acidissima	Kawath	15	Have medicinal properties
18	Ailanthus excelsa	Maharukh	27	Deciduous quick growing shady
19	Supari Plam	Supari	16	Fruit bearing tree
20	Albizia lebbek	Shirish	27	Quick growing hardy good soil binder, drought tolerant
21	Foxtail Plam	Plam	38	Ornamentation plant
22	Cordia	Cordia	29	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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	45 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	? Phase -I - 5416 KW, 6770 KVA, ? Phase -II - 3721 KW, 4651 KVA,
	During Operation phase (Demand load):	? Phase -I - 3791 KW, 4738 KVA, ? Phase -II - 1747 KW, 2184 KVA
	Transformer:	? Phase -I - 630 KVA x 7 Nos. + 315 KVA x 1 No. ? Phase -II - 630 KVA x 3 Nos. + 315 KVA x 1 No.
	DG set as Power back-up during operation phase:	? Phase -I - 250 KVA x 2 No. + 125 KVA x 1 No. ? Phase -II - 250 KVA x 1 No.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

? Use of LED in Parking area, lift-lobby and stair-case.
 ? Using Solar system in Common Area Lighting & Street/ Landscape lights with LED lamps.
 ? V3F drive is proposed for all lifts.
 ? As per MSEDCL requirements, it is recommended to use low loss Transformer. Losses for Transformer shall, in principal, comply with ECBC norms.
 ? Recommend to attain power factor of the installation near unity.
 ? Independent Energy meters for all pollution control equipments.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Water heater	1825200 KWH/YR
2	Common lighting LED	39.51%

50. Details of pollution control Systems

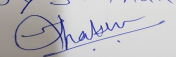
Source	Existing pollution control system	Proposed to be installed
Water	STP	STP
Solid waste	OWC	OWC
Noise due to DG set	acuostic enclosure	Acuostic enclosure

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	46.80 lakhs
	O & M cost:	2.32 /- lakhs p.a.

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

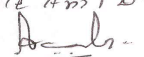
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Erosion control	Dust suppression measures	2.0
2	Site safety	Net PEE for labours, signs and boards etc.	3.0
3	Site sanitation	mobile toilets for labour	1.5
4	Disinfection & health check up	medical camp, pest control for labour camp	2.0
5	Environmental monitoring	Air, noise monitoring and water and soil analysis	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	Piping cost upto final disposal of excess treated water	217	3.73
2	Rain water harvesting	Internal piping, pits with bore	25.00	1.75
3	Solid waste management	OWC machine segregation of waste	34	10
4	Strom water management	Internal piping and up to final disposal	25	10
5	Landscape	Tree plantation, lawn maintainace	50.90	10.00
6	Energy conservation measures	Solar water heater,	46.80	2.32
7	Energy conservation measures	Solar water heater,	46.80	2.32
8	Safety awareness & training	Fire fighting awareness and training	9.0	0

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

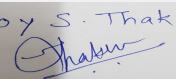
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

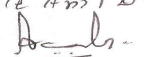
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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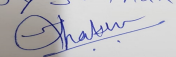
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Parking details:	Number and area of basement:	Nil
	Number and area of podia:	18570.54 sqm
	Total Parking area:	58652 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	3207
	Number of 4-Wheelers as approved by competent authority:	1593
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	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) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

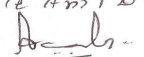
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

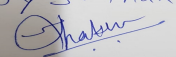
Brief information of the project by SEAC

PP had submitted application for expansion in previous Environmental clearance for total plot area of 56300 m2, FSI area of 84403.12 m2, Non FSI area of 83497.30 m2 and total BUA of 167900 m2.

PP holds previous EC vide SEAC 2014/CR-127/TC-3 dt. 01.04.2015.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B1.

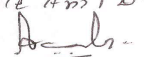
DECISION OF SEAC

Joy S. Thakur


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Committee informed PP to use model TOR available on the web site of MoEF&CC in addition to the points mentioned below for carrying out EIA studies:

Additional terms of Reference for carrying out EIA studies

1. Project Description

1. Project description, its importance and the benefits.
2. Project site details (location, topo-sheet of the study area of 10 Km, Coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage). Hydro-geological survey report with graphs & data.
3. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water supply & Sewerage Board, etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km. Any sensitive areas in impact zone such as archaeological structures, reserved forest, noise sensitive zones etc. Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. (G) High Tension wires if any on the plot.
7. (G) Plan showing HFL.
8. (G) Permissions granted by State Government in tabular and chronological form. Comparative statement of components approved and components constructed as per earlier EC (if applicable) and proposed development.
9. (G) PP to submit the detailed master plan indicating already completed construction and proposed construction. PP to submit the certificate from architect for completed work

2. Base Line Data

10. (B) Baseline environmental study for ambient air (PM_{10} , $PM_{2.5}$, SO_2 , NO_2 & CO), water (both surface and ground), noise and soil as per MoEF&CC/CPCB guidelines at minimum 5 locations in the study area of 10 km, The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
11. (C) Detail on flora and fauna and socio-economic aspects in the study area. Details of tree cutting, tree transplantation and survival report of existing trees.
12. (C) Likely impact of the project on the environmental parameters (ambient air surface and ground water, land, flora and fauna and socio-economic, etc.)
13. (B) Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting/etc.
14. (G) Socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
15. (G) PP to submit contour map with slopes, drainage pattern of the site and surrounding area. Layout showing natural water courses on site; total runoff calculation before and after development.
16. (C) PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report

3. Traffic Impact Study in detail including:

17. (V) Traffic Management Plan for the development - Internal circulation indicating road width and turning radius. Cross section of roads at four places showing clear road width, distance left from building line, spaces left for plantation, footpath, service lines etc.
18. (V) Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken.
19. (V) Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.
20. (V) Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project.
21. (V) Parking statement mentioning parking as per DCR & parking provided actually.
22. (V) Basement ventilation plan: Fire Tender Movement Plan showing clear road and turning radius. Cross section of roads at four places including UGT, OWC and DG set location showing clear road width and distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

4. Environmental Impact and Management Plan:

23. (B) Identify sources of air pollution, indicate mitigation measures to reduce Air pollution/Noise pollution.
24. (G) Debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
25. (B) Management of solid waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules 2016 and the Construction & Demolition Rules, 2016. Transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc. PP to provide the detailed solid waste management plan along with marked locations on the master plan. Design details of waste processing equipment such as OWC/biogas plants confirming to the technical requirements to meet the quality products.
26. (B) Waste water management (treatment, reuse and disposal) for the project and also the study area. Design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
27. (J) PP to show internal storm water drain and sewer line arrangements up to final disposal point.
28. (C) Provision of mandatory RG area on virgin land and submit the drawing with calculations, ensuring entire mandatory RG is provided on the plot where residential buildings are proposed.
29. (G) A detailed phase wise development plan with safety planning where occupancy has been given.
30. (T) If any site specific structures such as creation of water body, alteration of natural storm water, large alteration of slopes, creation of green areas abutting to water bodies / natural storm water drain / river etc, is involved, detailed environmental protection approach for the same shall be provided.
31. (D) Separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; Energy efficient measures (LED lights, solar power, etc.) during construction as well as during operational phase of the project. Report on ECBC compliance.
32. (D) Provide details of Solar PV and Solar water heater in the specific format. PP to carryout shadow analysis for identifying the roof-top area for providing solar panels
33. (B) Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.
34. (K) PP to submit Disaster management plan.
35. (B) Preparation of site specific, executable and auditable environment management plan (EMP)

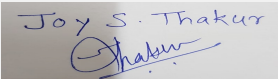
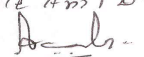
5. Environmental Modelling and additional Studies:

36. (B) Fugitive dust modelling by using local meteorological data.
37. (B) Ecological footprint calculation using LCA approach.
38. (B) Estimation of Carbon footprint of the project.
39. (B) Gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

6. NOCs, Undertakings and CER:

40. (T) NOC's required: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
41. (T) Undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
42. (K) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dt. 01.05.2018, along with details of fund utilization & agreement or consent of executor.

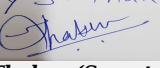
Specific Conditions by SEAC:

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 7, 2019	Page 102 of 150	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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FINAL RECOMMENDATION

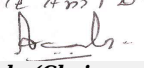
The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

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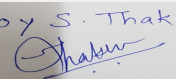
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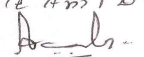
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Expansion of Residential project	
Is a Violation Case: No	
1.Name of Project	"Grandview7
2.Type of institution	Private
3.Name of Project Proponent	M/s Chirag Developers
4.Name of Consultant	Sneha Hi-Tech products
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. EC has been obtained dated 15th June, 2018
8.Location of the project	6/4,6/5,6/6/1 TO 6/6/4,6/7,6/8,6/12,6/13,6/14,6/15 , Near Ashok Leyland Co, Ambegaon (Bk), Pune-411046
9.Taluka	Haveli
10.Village	Ambegaon (Bk)
Correspondence Name:	VINOD KUMAR JI MITTAL
Room Number:	1st floor ,
Floor:	1st floor ,
Building Name:	B uilding
Road/Street Name:	siddheshwar nagar
Locality:	Vishrantwadi
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	1PMC sanction Residential building layout no - (cc 1589 18 dated 24/08/2018). Building permission, no - (cc no. 1834/18 dated 17/09/18) , 2)PMRDA sanction Amenity buildings No. BHA/Mauje Ambegaon Bk./S.NO.6/4,6/5 and Other/C.R.NO.719/16-17.Dated.17/02/2017 IOD/IOA/Concession/Plan Approval Number: as above Approved Built-up Area: 80770.63
13.Note on the initiated work (If applicable)	We have constructed wing A, B, C, D,E,H& Club House 1. As part of previous EC Environment letter No.2009/374/ CR.84/TC.1 dated 31st August, 2010 AND 15TH jUNE 2018
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	42,500
16.Deductions	Deductions :- (R. P. Road Widening) -3,541.34 m2 Gross plot area - 38,958.66 m2 Deductions (Amenity 15%) - 5,843.80 m2
17.Net Plot area	33,114.86
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 43025.24 b) Non FSI area (sq. m.): 37745.39 c) Total BUA area (sq. m.): 80770.63
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 45248.27 Approved Non FSI area (sq. m.): 35522.31 Date of Approval: 17-09-2018
19.Total ground coverage (m2)	10391.48
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.67%
21.Estimated cost of the project	1396000000

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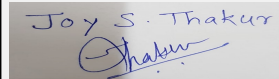
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Name: K 97th Anis D
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

22.Number of buildings & its configuration

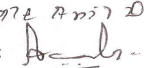
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P+7	23.60M
2	B	P+7	23.60M
3	C	P+7	23.60M
4	D	P+7	23.60M
5	E	P+7	23.60M
6	H	P+9	29.50M
7	CLUB HOUSE	Ground floor	5.32M
8	F	P+14	44.65M
9	G	P+14	44.65M
10	I	P+10	33.05M
11	J	P+14	44.55M
12	K	P+14	44.50M
13	Commercial 1	B+G+3	14.55M
14	Commercial 2	G+2	12.05M
15	Commercial 3	LG+UG+2	14.45M
16	Commercial 4	B+G+3	14.40M
17	CLUB HOUSE-2	G+1	7.45 M
18	-	-	-

23.Number of tenants and shops	Existing Tenements 217 Proposed Tenements - 511 No shops -24, Cultural Hall-4, Library-2, Gymnasium-2, Pathology Lab-2, Dispensary-2
24.Number of expected residents / users	Existing:1085Proposed:2555 Total Residential Users=3640 Total usersofAmenity=244 Total Users =3884
25.Tenant density per hectare	220
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire StationKatraj-& Width of the road from the nearest fire station to the proposed building - 60m wide road of Katraj bypass highway & 24 m wide DP road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9M
29.Existing structure (s) if any	We have constructed wing A, B, C, DE, H& Club House 1. As part of previous EC Environment letter No.2009/374/ CR.84/TC.1 dated 31st August, 2010


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30.Details of the demolition with disposal (If applicable)	Not any
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31.Production Details

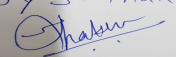
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	331
	Recycled water - Flushing (CMD):	171
	Recycled water - Gardening (CMD):	62
	Swimming pool make up (Cum):	2
	Total Water Requirement (CMD) :	564
	Fire fighting - Underground water tank(CMD):	600
	Fire fighting - Overhead water tank(CMD):	210
	Excess treated water	236
Wet season:	Source of water	PMC
	Fresh water (CMD):	331
	Recycled water - Flushing (CMD):	171
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	2
	Total Water Requirement (CMD) :	502
	Fire fighting - Underground water tank(CMD):	660
	Fire fighting - Overhead water tank(CMD):	210
	Excess treated water	298
Details of Swimming pool (If any)	• Dimension of Swimming Pool: 12.50m x6.50m X1.20m• Kids Pool: 3.0 m (Dia) X 0.6m• Total water Requirement in KLD:102• Water requirement for makeup in KLD:2.0	

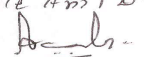
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	8 TO 10 M
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	24 Nos.
	Size of recharge pits :	2mt X 2mt. X 2m
	Budgetary allocation (Capital cost) :	26.1Lacs
	Budgetary allocation (O & M cost) :	1.30 Lacs
	Details of UGT tanks if any :	Residential Domestic UG tank Capacity(CMD):495 • Flushing UG tankCapacity(CMD):247 • Firefighting(CMD):600 Commercial: • Domestic UG tankCapacity(CMD):7.74 • Flushing UG tankCapacity(CMD):15.47 • Fire fighting (CMD): Considered in residential

35.Storm water drainage	Natural water drainage pattern:	S to N
	Quantity of storm water:	13.05 m3/Hr
	Size of SWD:	250-900 mm

Sewage and Waste water	Sewage generation in KLD:	469
	STP technology:	MBBR
	Capacity of STP (CMD):	177 & 325KL
	Location & area of the STP:	STP-1 : Near C -Wing STP- 2 : Near I -Wing
	Budgetary allocation (Capital cost):	135.48Lacs
	Budgetary allocation (O & M cost):	22.31 Lacs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	37 kg/day
	Disposal of the construction waste debris:	back filling
Waste generation in the operation Phase:	Dry waste:	520 kg/day
	Wet waste:	1212kg/day
	Hazardous waste:	negligible
	Biomedical waste (If applicable):	10kg/day
	STP Sludge (Dry sludge):	100kg/day
	Others if any:	Not any

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recyclers
	Wet waste:	Mechanical composting unit
	Hazardous waste:	Handed over to authorized recyclers
	Biomedical waste (If applicable):	Handed over to authorized recyclers
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	Used as Manure
Area requirement:	Location(s):	OWC-1 :- Near E -Wing OWC- 2 :- Near k -Wing
	Area for the storage of waste & other material:	20m2
	Area for machinery:	70m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	22.95 lacs
	O & M cost:	4.0Lacs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	-	-	-	-
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

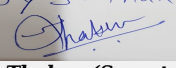
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

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	NA	NA	NA	NA	NA	NA

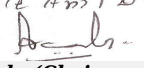
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA
41.Source of Fuel		NA		
42.Mode of Transportation of fuel to site		NA		

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43.Green Belt Development	Total RG area :	3895.86
	No of trees to be cut :	Not any
	Number of trees to be planted :	300
	List of proposed native trees :	attached
	Timeline for completion of plantation :	Till the completion of the 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	attached	attached	attached	attached

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	attached	attached	attached

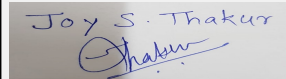
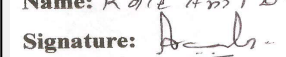
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	33 KW
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	2383.67 KW
	During Operation phase (Demand load):	1516.98 KVA
	Transformer:	630 KVA - 2 Nos. , 315 KVA - 1 Nos
	DG set as Power back-up during operation phase:	For Residential - 160 KVA. FOR AMENITY AREA - AMENITY 1= 62.5 KVA, AMENITY 2 =40 KVA AMENITY 3=100 KVA, AMENITY 4 = 50 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

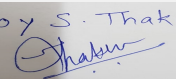
48.Energy saving by non-conventional method:

Timers and contactors will be used to switch on / off common area & external landscape and facade lighting Light Emitting Diode (LED) will be used for corridors , Lobbies and common areas. Energy efficient led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve

49.Detail calculations & % of saving:

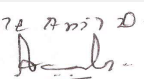
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Serial Number	Energy Conservation Measures		Saving %	
1	16%		16%	
50.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
-	-		-	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	87 Lacs		
	O & M cost:	7.5 lacs per month		
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 Air & Noise monitoring	1.92	
2	Water Environment	Tanker water for construction Water monitoring	7.8	
3	Land Environment	Site Sanitation Maintenance	5.72	
4	Biological Environment	Biological Environment Gardening	3.23	
5	Socio- Economic Environment	Disinfection- Pest Control First Aid Facilities Health Check Up Creche for children Personal protective equipment	3.83	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	MoEF approved laboratory	20.06
2	RWH	No. of pits	26.1	1.30
3	STP	Waste water treatment	135.48	22.31
4	Electrical	Energy saving	87.0	7.5
5	Swimming pool	Water quality monitoring	18.0	1.02
6	Solid waste	For solid waste treatment	22.95	4.0
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				

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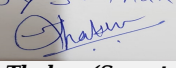
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

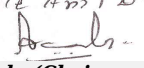
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on 12 m wide road.
Parking details:	Number and area of basement:	02 nos, 674.04m ²
	Number and area of podia:	No of Podia:01 Area of Podia:7703.85
	Total Parking area:	11565.60
	Area per car:	30
	Area per car:	30
	Number of 2-Wheelers as approved by competent authority:	1281
	Number of 4-Wheelers as approved by competent authority:	375
	Public Transport:	Nearest Bus Stop: Ambegaon
	Width of all Internal roads (m):	6m & 7.50m driveways
	CRZ/ RRZ clearance obtain, if any:	Not any
	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
	Court cases pending if any	Not Applicable
	Other Relevant Informations	applying to SEIAA only for change in EC for revised Sanction

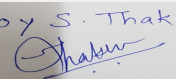
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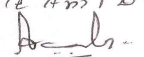
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	
Solid Waste Management	-	
Air Quality & Noise Level issues	-	
Energy Management	-	
Traffic circulation system and risk assessment	-	
Landscape Plan	-	
Disaster management system and risk assessment	-	
Socioeconomic impact assessment	-	
Environmental Management Plan	-	
Any other issues related to environmental sustainability	-	
Brief information of the project by SEAC		
PP informed that he had already received EC for the proposal. The proposal is delisted .		
DECISION OF SEAC		
PP informed that he had already received EC for the proposal. The proposal is delisted .		
Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
Kindly find SEAC decision above.		

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

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Name: K. Anil D.

 Shri. Anil Kale (Chairman SEAC-III)

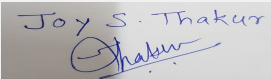
Agenda for 97th SEAC-3 meeting Day 03

SEAC Meeting number: 97 Meeting Date November 7, 2019

Subject: Environment Clearance for Expansion in Environmental Clearance - Mixed Use Development at S. NO.9 to 14 Hissa No. 1/37, 1/38, 1/39, 1/40, 1/41, 1/42, 1/43, 1/44, 1/45 and 1/46, Mundhawa, Pune City, Pune, Maharashtra by Pune projects LLP through Pinni 3 Co-Operative Housing Society Ltd. And Sharad 2 Co-Operative Housing Society Ltd.

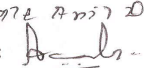
Is a Violation Case: No

1.Name of Project	Mixed Use Development by Pune projects LLP through Pinni 3 Co-Operative Housing Society Ltd. And Sharad 2 Co-Operative Housing Society Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Roshan Menda Vice President - Pune projects LLP through Pinni 3 Co-Operative Housing Society Ltd. And Sharad 2 Co-Operative Housing Society Ltd.
4.Name of Consultant	Ultra-Tech (Environmental Consultancy & Laboratory) - NABET/EIA/1720/RA0094
5.Type of project	Mixed Use Development
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes EC has been granted from SEIAA, Environment Department having file no. SEAC-III-2015/CR-82/TC-3 dated 3rd December 2016
8.Location of the project	S. NO.9 to 14 Hissa No. 1/37, 1/38, 1/39, 1/40, 1/41, 1/42, 1/43, 1/44, 1/45 and 1/46, Mundhawa, Pune City, Pune, Maharashtra
9.Taluka	-
10.Village	Mundhawa
Correspondence Name:	Mr. Roshan Menda - Vice President
Room Number:	501
Floor:	-
Building Name:	Pune project LLP, Kesington court, S. G. Pingale Lane,
Road/Street Name:	Off North Main road
Locality:	Koregaon Park, Pune 411001
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Commencement Certificate IOD/IOA/Concession/Plan Approval Number: 3433 Approved Built-up Area: 289680.90
13.Note on the initiated work (If applicable)	Started the construction activity as per received the Environmental Clearance and construction completed on site is about area 58724.08 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	79,000.00 m2
16.Deductions	12,727.21 m2
17.Net Plot area	66,272.79 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,19,887.78 b) Non FSI area (sq. m.): 1,23,998.88 c) Total BUA area (sq. m.): 243886.66
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 1,65,681.97 Approved Non FSI area (sq. m.): 1,23,998.88 Date of Approval: 17-02-2016
19.Total ground coverage (m2)	33,972.78
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43
21.Estimated cost of the project	3937500000


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22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1 : (As per EC : P1+G+10 and building height 40m)	P1+GR+21 Typical Floors	72.00
2	Building 2 : (As per EC : P1+P2+P3+24 and building height 82.45 m)	P1+P2+P3+21 Typical Floors	73.30
3	Building 3 : (As per EC : P1+P2+P3+24 and building height 82.45 m)	P1+P2+P3+21 Typical Floors	73.30
4	Building 4 : (As per EC : P1+P2+P3+21 and building height 73.45 m)	P1+P2+P3+21 Typical Floors	73.55
5	Building 5 : (As per EC : P1+P2+P3+21 and building height 73.45 m)	P1+P2+P3+21 Typical Floors	73.55
6	Building 6 : (AS per EC : P1+P2+P3+21 and building height 73.45 m)	P1+P2+P3+21 Typical Floors	73.45
7	Building 7 : (AS per EC : P1+P2+P3+21 and building height 73.45 m)	P1+P2+P3+21 Typical Floors	73.55
8	Building 8 : (AS per EC : P2+P3+20 and building height 66.85m)	P2+P3+20 Typical Floors	66.80
9	Building 9 : (AS per EC : P2+P3+22 and building height 72.85 m)	P2+P3+22 Typical Floors	72.85
10	Building 10 : (AS per EC : P2+P3+22 and building height 72.85 m)	P2+P3+28 Typical Floors	92.60
11	Building 11 : (AS per EC : P2+P3+24 and building height 78.85 m)	P2+P3+28 Typical Floors	92.60
12	Building 12 : (AS per EC : P2+P3+24 and building height 78.85 m)	P1+P2+P3+28 Typical Floors	92.60
13	Building 13 : (AS per EC : P1+P2+P3+24 and building height 78.85 m)	P1+P2+P3+28 Typical Floors	92.60
14	Club House	G+1st floor	7.50

23.Number of tenants and shops

Tenements - 1725 no.
Shops - 30 no.

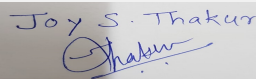
24.Number of expected residents / users

Residential - 8625 no. and Commercial - 378 no. and Total population will be 9003 no.

25.Tenant density per hectare

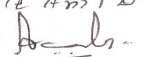
250

26.Height of the building(s)


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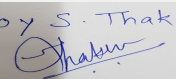
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Yes, we have started construction activity as per received the EC from Env. Department
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

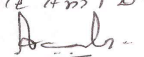
32.Total Water Requirement

Dry season:	Source of water	Grampanchayat Keshavnagar
	Fresh water (CMD):	800
	Recycled water - Flushing (CMD):	386
	Recycled water - Gardening (CMD):	53
	Swimming pool make up (Cum):	16
	Total Water Requirement (CMD) :	1239
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	20KL
	Excess treated water	456

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Wet season:	Source of water	Grampanchayat Keshavnagar								
	Fresh water (CMD):	800								
	Recycled water - Flushing (CMD):	386								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	16								
	Total Water Requirement (CMD) :	1186								
	Fire fighting - Underground water tank(CMD):	500								
	Fire fighting - Overhead water tank(CMD):	20KL								
	Excess treated water	508								
Details of Swimming pool (If any)	we will submit									
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	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	6m below EGL								
	Size and no of RWH tank(s) and Quantity:	1 no. and capacity 100kL								
	Location of the RWH tank(s):	Ground level								
	Quantity of recharge pits:	20 no								
	Size of recharge pits :	3 m x 4 m								
	Budgetary allocation (Capital cost) :	Rs.33 Lakh								
	Budgetary allocation (O & M cost) :	Rs.2.5 Lakh								
	Details of UGT tanks if any :	Residential: Domestic UG tank Capacity: :8,00,450 ltrs Flushing UG tank Capacity: 4,39,000 ltrs Fire UG tank Capacity: 5,00,000 ltrs								

35.Storm water drainage	Natural water drainage pattern:	THROUGH PIPE CHAMBERS
	Quantity of storm water:	90 m3 / hr
	Size of SWD:	600 MM PIPE

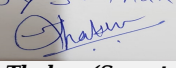
Sewage and Waste water	Sewage generation in KLD:	994
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. of STP Capacity having capacity of 1000
	Location & area of the STP:	Besides Amenity Open Space and area will be provided : 845 m2
	Budgetary allocation (Capital cost):	Rs.90 Lakh
	Budgetary allocation (O & M cost):	Rs.12 Lakh

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated - 69516.61 m3 and Top soil of 14408 m3
	Disposal of the construction waste debris:	Top soil is used for landscaping
Waste generation in the operation Phase:	Dry waste:	2259 kg/day
	Wet waste:	1506 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	6.22 kg/day approx.
	Others if any:	E-waste : 12.85 kg/day
Mode of Disposal of waste:	Dry waste:	Will be handed over to SWACH
	Wet waste:	Will be treated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will Be used as Manure
	Others if any:	E-waste : Handover to Authorized dealer
Area requirement:	Location(s):	Eastern corner of the plot
	Area for the storage of waste & other material:	259.64 m2
	Area for machinery:	59.2 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.30.5
	O & M cost:	Rs.3 Lakh

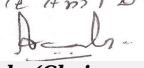
37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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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

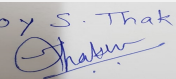
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	R1 -7,800 m2, R2 - 955.73 m2 and Total RG area on Ground - 8,755.73 m2
	No of trees to be cut :	26 no.
	Number of trees to be planted :	850 no.
	List of proposed native trees :	24
	Timeline for completion of plantation :	Till the completion of the project

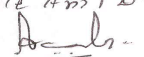
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	CASSIA GRANDIS	PINK SHOWER	32	SHADY DECIDUOUS TREE WITH PINK FLOWER
2	NEOLAMARKIA CADAMBA	KADAMBA	34	EVERGREEN TROPICAL TREE, ORANGE FLOWER

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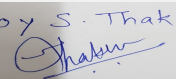
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3	MICHELIA CHAMPAKA	CHEMPAK	56	SHADY MEDIUM SIZED EVERGREEN TREE
4	STERCULIA VILLOSA	HAIRY STERCULIA	48	SHADY DECIDUOUS TREE WITH YELLOW FLOWER
5	MIMUSOPES ELENCHII	BAKUL	68	SHADY TREE, SMALL WHITE FLOWERS
6	MILLINGTONIA HORTENSIS	CORK TREE	31	EVERGREEN TREE, WITH FRAGRANT FLOWERS
7	TECOMA GAUDICHAUDI	GAUDICHAUDI	21	BUSH TREE WITH YELLOW FLOWERS
8	PLUMERIA ALBA	WHITE FRANGIPANI	55	SMALL TREE WITH WHITE FLOWERS
9	PONGAMIA PINNATA	INDIAN BEECH	49	SHADY TREE WITH WIDE CANOPY
10	FICUS RETUSA	GREEN GEM	40	SHADY TREE, GOOD FOR ROAD SIDE PLANTING
11	ARTOCARPUS HETEROPHYLLUS	JACK FRUIT	19	SHADY TREE WITH EDIBLE FRUIT
12	AZDIRACHTA INDICA	NEEM TREE	30	LARGE TREE, GOOD FOR ROAD SIDE PLANTING
13	PSIDIUM GUAVA	GUAVA	30	FRUIT BEARING, MEDIUM SIZE TREE, HELPS IN POLLINATION
14	BAUHINIA PURPUREA	BAUHINIA	26	BUSH TREE WITH PINK FRAGRANT FLOWERS
15	CASSIA FISTULA	GOLDEN SHOWER	69	MEDIUM SIZE DECIDUOUS TREE, YELLOW FLOWERS
16	SYZYGIUM CUMINI	JAMUN	28	EVERGREEN TROPICAL TREE WITH OBLONG OPPOSITE LEAVES THAT ARE SMOOTH, GLOSSY AND HAVING A TURPENTINE SMELL
17	GMELINA ARBOREA	GAMHAR	31	SHADY AVENUE TREES
18	MANGIFERA INDICA	MANGO TREE	22	SHADY TREE WITH EDIBLE FRUIT
19	PHYLLANTHUS EMBLICA	GOOSEBERRY	24	BUSH TREE WITH EDIBLE FRUIT
20	ANTHOCEPHALLUS CADAMBA	KADAM	33	SHADY, LARGE DECIDUOUS TREE, FAST GROWING
21	LEGERSTROEMIA FLOSREGINEAE	PRIDE OF INDIA	26	STATE FLOWER TREE OF, MAHARASHTRA MEDIUM SIZE TREE
22	MURRAYA PANICULATA	KATTUKARIYILAIA	29	COLOURFUL TREES WITH RED FLOWERS
23	BUTEA MONOSPERMA	FLAME TREE	21	BUSH TREE WITH WHITE FLOWER
24	MANIKARA ZAPOTA	CHIKOO	28	FRUIT BEARING TREE
25	-	Total	850	-
45.Total quantity of plants on ground				

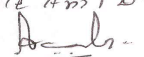
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	176 KW
	DG set as Power back-up during construction phase	250 KVA
	During Operation phase (Connected load):	14892.01 kW
	During Operation phase (Demand load):	5499.09 kVA
	Transformer:	6Nos., 1000 kVA
	DG set as Power back-up during operation phase:	6 Nos. 500kVA
	Fuel used:	as per acquirement
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Total energy saving shall be achieved up-to 10.37 %

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	We will submit	-

50. Details of pollution control Systems

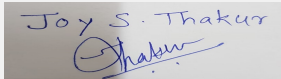
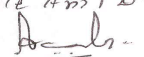
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.420.88 Lakh
	O & M cost:	Rs.77.43

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 & Noise :	Water For Dust Suppression	1.2
2	Air & Noise :	Air & Noise monitoring	0.48
3	Water	Tanker water for construction & worker	1.00
4	Water	Water monitoring	0.6

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5	Land	Labour toilets 100 Nos. Cleaning -12,000 Rs./month	1.4
6	Biological	Gardening & Excavation	17.00
7	Socio	Disinfection at site	1.7
8	Socio	Safety, First Aid, Health Hygiene Facilities	2.0
9	Socio	Creches for children	5.3
10	Socio	Personal Protective Equipment CFL lamps for labor hutments	0.05

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 Cost	1 Nos.x 1000 KLD	90.00	12.00
2	Rain Water Harvesting	20 Pits	33.00	2.5
3	Storm water drainage	Drainage Line	25.00	3.0
4	Environmental Monitoring	As per MoEF guidelines	-	0.80
5	Gardening	Plantation of native Plants	150.00	15.00
6	Solid waste	1 Nos. of OWC	30.5	3.00
7	Energy	Transformers 6Nos X 1000kVA DG Set - 6 Nos. 500kVA	420.88	77.43
8	DMP Costing	-	3609.64	82.04
9	Swimming pool	-	50.00	5.0

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

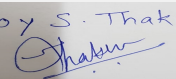
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

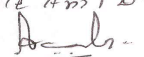
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on 12 m wide abutting road
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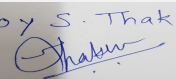
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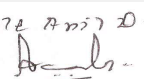
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	3 Nos. of Podium - 78981.70 m2
	Total Parking area:	78981.70 m2
	Area per car:	as per DCR
	Area per car:	as per DCR
	Number of 2-Wheelers as approved by competent authority:	2W - 3359 no. and Cycle 2833 no.
	Number of 4-Wheelers as approved by competent authority:	4W - 1499 no.
	Public Transport:	-
	Width of all Internal roads (m):	12 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	8b (B1)
	Court cases pending if any	NA
	Other Relevant Informations	We have received the EC from SEIAA Maharashtra for the total built up area 2,00,128.53 m2. Now we are applying for the Expansion in the project
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	

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Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

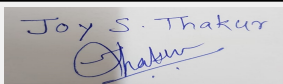
PP had submitted application for expansion in Environmental clearance for total plot area of 79000 m², FSI area of 119887.78 m², Non FSI area of 123998.88 m² and total BUA of 243886.66 m².

PP holds previous EC vide file no. SEACIII-2015/CR-82/TC-3 dated 3rd December 2016.

PP was issued ToR in 93rd meeting SEAC-3 for preparation of EIA. Accordingly PP has submitted the same.

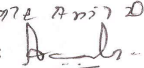
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) **B1**.

DECISION OF SEAC


Joy S. Thakur (Secretary SEAC-III)

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Name: K. Anil Kale
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During discussion following points emerged:

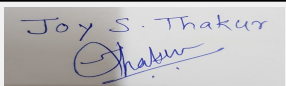
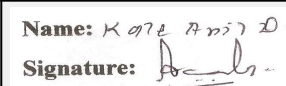
1. PP has proposed 400 trees along 20 m road and 500 trees in municipal garden. Number of trees is very high. PP to submit proper location and distribute number of trees properly. So also PP is planting 900 trees at the cost of Rs. 1.14 Cr. Per tree cost is too high. At the most Rs. 300/- per tree cost can be considered reasonably. PP has proposed road development of about 200 m length and 24 m width which is the job of Municipal Corporation. PP to undertake some other activity like providing ambulance, rain water harvesting facility / solar electricity to schools etc. PP to submit revised CER accordingly.
2. PP to submit Project description, its importance and the benefits.
3. PP to submit Land acquisition status, R & R details.
4. PP to submit permissions granted by State Government in tabular and chronological form. Comparative statement of components approved and components constructed as per earlier EC (if applicable) and proposed development.
5. PP to submit the detailed master plan indicating already completed construction and proposed construction. PP to submit the certificate from architect for completed work
6. PP stated that there is no existing municipal sewer line and storm water drain. PP intends to lay municipal sewer line in 500 m long society road. PP to submit detailed design plan / drawing considering disposal from adjacent plots. PP to revise EMP cost accordingly.
8. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants. PP to submit details of socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
9. PP to submit contour map with slopes, drainage pattern of the site and surrounding area. Layout showing natural water courses on site; total runoff calculation before and after development.
10. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.
11. PP to submit baseline environmental study for ambient air (PM₁₀, PM_{2.5}, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF&CC/CPCB guidelines at minimum 5 locations in the study area of 10 km. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
12. PP to submit detail on flora and fauna and socio-economic aspects in the study area. Details of tree cutting, tree transplantation and survival report of existing trees.
13. PP to submit likely impact of the project on the environmental parameters (ambient air surface and ground water, land, flora and fauna and socio-economic, etc.)
14. PP to submit source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
15. PP to submit details of UGT.
16. PP to submit co-ordinated master layout superimposing all environmental parameters.
17. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) High Rise NOC. (e) Garden NOC.
18. PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report

PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

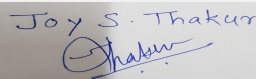
Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

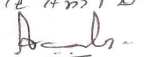
 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 97 Meeting Date: November 7, 2019	Page 124 of 150	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Expansion of Residential cum commercial project	
Is a Violation Case: No	
1.Name of Project	Kamalraj Dattavihar
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kamlesh Gandhi
4.Name of Consultant	Not yet appointed
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	previous 1st EC- dated 9.09.2016 vide no. SEAC-III-2015/CR-98/TC-3 & 2nd EC - vide no. SEIAA-EC-0000000562 dated 27.12.2018
8.Location of the project	GAT. NO.194 , Borahdewadi , Moshi, Pune
9.Taluka	Haveli
10.Village	Borhadewadi
Correspondence Name:	Mr. Kamlesh Gandhi
Room Number:	Flat No.B -201-202
Floor:	Second Floor
Building Name:	Kamalraj Haridwar
Road/Street Name:	S.No. 82/7, (P), Dighi - Alandi Road
Locality:	Walkenagar Dighi
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: In Process Approved Built-up Area:
13.Note on the initiated work (If applicable)	41,829.77 Sq.m constructed as per previous EC vide no. vide no. SEIAA-EC-0000000562 dated 27.12.2018
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	28,000
16.Deductions	173.50
17.Net Plot area	27,826.48
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): As per Previous EC - 39777.60 sq.m, Total proposed - 53,897.54 sq.m b) Non FSI area (sq. m.): As Per Previous EC - 36606.27 sq.m, Total proposed - 49,926.86 sq.m c) Total BUA area (sq. m.): 103824.40
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 39,777.60 sq.m Approved Non FSI area (sq. m.): 36,606.27 sq.m Date of Approval: 10-05-2018
19.Total ground coverage (m2)	5490.38
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.73 %
21.Estimated cost of the project	405900000
22.Number of buildings & its configuration	

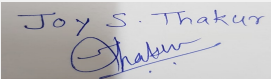
Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

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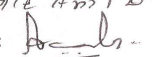
Name: K. Anil D.
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A - Type	As per Previous EC - P + 14 , Total Proposed - P + 14	45.0	
2	B - Type (Existing)	As per Previous EC - P + 12, Total Proposed - P + 12	39.0	
3	C - Type (Existing)	As per Previous EC - P + 12, Total Proposed - P + 12	39.0	
4	D - Type	As per Previous EC - P + 14 , Total Proposed - P + 14	45.0	
5	E - Type	As per Previous EC - P + 12, Total Proposed - LP + UP + 14	44.92	
6	F - Type	As per Previous EC - P + 12, Total Proposed - LP + UP + 14	44.92	
7	G - Type	As per Previous EC - P + 12, Total Proposed - LP + UP + 14	44.92	
8	H - Type	As per Previous EC - P + 07, Total Proposed - LP + UP + 14	44.92	
9	Commercial	As per Previous EC - G + 0, Total Proposed - 2B + G + 5	21.70	
10	Club House (Existing)	As per Previous EC - G + 1, Total Proposed - G + 1	6.55	
23.Number of tenants and shops		Residential - As per Previous EC - 770, Total Proposed- 858, Commercial - As per Previous EC - 916.72 sq.m, Total - 5732.47 sq.m		
24.Number of expected residents / users		Residential - As per Previous EC - 3922, Total Proposed - 4290 Commercial - As per Previous EC - 72 , Total Proposed - 976		
25.Tenant density per hectare		187.83		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		30 m		
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		Constructed two buildings B and C and Club house & Building A & D work in process		
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	NA	NA	NA	NA


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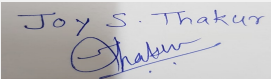
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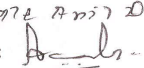
32.Total Water Requirement

Dry season:	Source of water	PCMC
	Fresh water (CMD):	As per Previous EC - 356.96 KLD, Total - 417 KLD
	Recycled water - Flushing (CMD):	As per Previous EC - 175.08 KLD, Total - 213 KLD
	Recycled water - Gardening (CMD):	As per Previous EC - 22.05 KLD, Total - 34 KLD
	Swimming pool make up (Cum):	As per Previous EC - 3 KLD, Total - 3 KLD
	Total Water Requirement (CMD) :	As per Previous EC - 554.09 KLD, Total - 667 KLD
	Fire fighting - Underground water tank(CMD):	As per previous EC - 525 KLD, Total - 600 KL
	Fire fighting - Overhead water tank(CMD):	As per Previous EC - 667 KL, Total - 210 KL
	Excess treated water	As per Previous EC - 281.71 KLD, Total - 321 KLD
Wet season:	Source of water	PCMC
	Fresh water (CMD):	As per Previous EC - 356.96 KLD, Total - 417 KLD
	Recycled water - Flushing (CMD):	As per Previous EC - 175.08 KLD, Total - 213 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	As per Previous EC - 554.09 KLD, Total - 630 KLD
	Fire fighting - Underground water tank(CMD):	As per previous EC - 525 KLD, Total - 600 KL
	Fire fighting - Overhead water tank(CMD):	As per Previous EC - 667 KL, Total - 210 KL
	Excess treated water	As per Previous EC - 281.71 KLD, Total - 355 KLD


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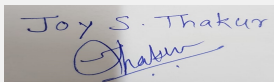
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Details of Swimming pool (If any)	Dimension of Main Swimming Pool: 13.7 m X 6.7 m X 1.2 m Area of Main Swimming pool - 95 sq.m Swimming pool Volume - 110 KLD Swimming Pool make up requirement - 3 KLD/day Total water Requirement in KL: - 110.8 KL Water requirement for make up in KLD: Total 3.0 KLD
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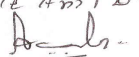
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	356.96 KLD	60 KLD	417 KLD	35.7 KLD	6.0 KLD	41.7 KLD	321.3	54.0 KLD	375.3 KLD
Gardening	34 KLD	NA	34 KLD	34 KLD	NA	34 KLD	NA	NA	NA


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 to 7 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	Plan Enclosed
	Quantity of recharge pits:	6 No.s
	Size of recharge pits :	3.0 m X 3.0 m X 1.5 m
	Budgetary allocation (Capital cost) :	Rs. 45 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 4.5 Lakhs per year
	Details of UGT tanks if any :	Residential Domestic UG tank Capacity : 423 KLD Treated Water UG tank Capacity : 157 KLD Fire UG tank Capacity : 550 KLD Commercial Domestic UG tank Capacity : 36.6 KLD Fire UG tank Capacity : 50 KLD Residential Domestic water tank capacity - 50 KLD
35.Storm water drainage	Natural water drainage pattern:	As Per Contour
	Quantity of storm water:	20.25 m ³ /min.
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	As per Previous EC - 478.83 KLD , Total Proposed - 570 KLD
	STP technology:	As per Previous EC - Ecophotox Advance Oxidation Proposed - MBR Technology
	Capacity of STP (CMD):	STP - 3 No.s And Capacity of STP - Existing 300 KLD Proposed - 225 KLD & 45 KLD
	Location & area of the STP:	As per Services Layout
	Budgetary allocation (Capital cost):	Rs. 124 Lakh
	Budgetary allocation (O & M cost):	Rs. 2 Lakh/yr.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste Generation - 1% of total raw Material
	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinthj area and top soil for landscaping
Waste generation in the operation Phase:	Dry waste:	As per Previous EC - 781 kg/day , Total Proposed - 1004 kg/day
	Wet waste:	As per Previous EC - 1155 kg/day, Total Proposed - 1385 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	As per Previous EC - 150 Kg/day , Total Proposed - 45 Kg/day
	Others if any:	As per Previous EC E - waste - 1997 Kg/yr, Total Proposed - 3121 Kg/yr

Mode of Disposal of waste:	Dry waste:	Through Authorized Vender
	Wet waste:	Through Mechanical Composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as a mannur after OWC treatment
	Others if any:	E - waste : Through Authorized vendor
Area requirement:	Location(s):	Plan Enclosed
	Area for the storage of waste & other material:	29.6 sq. m
	Area for machinery:	58.4 sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 33 Lakhs
	O & M cost:	Rs. 7.5 Lakhs/yr.

37. Effluent Charecterestics

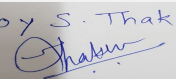
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	6.5 - 7.5	6.5 - 7.5	--
2	COD	mg/lit	less than equal to 450	less than equal to 30	Not Exceed 100 mg/lit
3	BOD	mg/lit	less than equal to 100	less than equal to 50	Not Exceed 10 mg/lit
4	Total Suspended Solids	mg/lit	less than equal to 100	less than equal to 50	Not Exceed 50 mg/lit
5	Oil & Grease	mg/lit	10-20	less than equal to 5	---
6	Total Kjeldal Nitrogen as N	mg/lit	45 - 90	10	---
7	Dissolve Phosphorus as P	mg/lit	45	1	---
8	Nitrate Nitrogen as N	mg/lit	0 - 45	10	---
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

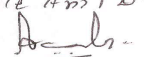
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
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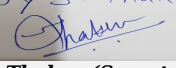
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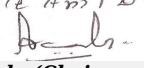
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1	NA	NA	NA	NA	NA	NA
40.Details of Fuel to be used						
Serial Number	Type of Fuel	Existing	Proposed	Total		
1	Diesel	16.9 lit./hr	39.9 lit./hr & 16.9 lit./hr	73.7 lit./hr		
41.Source of Fuel		NA				
42.Mode of Transportation of fuel to site		NA				
43.Green Belt Development	Total RG area :	As per Previous EC - 2984.1 sq.m, Total Proposed - 2984.1 sq.m				
	No of trees to be cut :	NA				
	Number of trees to be planted :	347				
	List of proposed native trees :	As per below list				
	Timeline for completion of plantation :	1 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	Ailanthus excelsa	Maharukh	9	Medicinal value, Drought tolerant species.		
2	Albizia lebek	Shirish	10	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).		
3	Anthocephalus kadamba	Kadamb	8	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.		
4	Azardirachta indica	Neem	11	Medicinal value, To control soil erosion. To improve soil erosion		
5	Bauhinia blackiana	Kanchanraj	63	Every part of the plant is medicinal, Drought tolerant species.		
6	Bauhinia purpurea	Gulabi kanchan	12	Every part of the plant is medicinal ,Drought tolerant species.		
7	Butea monosperma	Palas	10	Medicinal value, Bird attracting species , To control soil erosion.		
8	Cassia fistula	Bahawa	04	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.		
9	Choclospermum religiosum	Sonsawar	04	Medicinal value, Native species		
10	Cordia dichotoma	Bhokar	08	Medicinal value, Edible fruits,		
11	Dalbergia sissoo	Shisav	05	Medicinal value, Bird attracting species ,		

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12	Ficus arnottiana	Payar	06	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomerata	Umber	7	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	08	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
15	Phyllanthus emblica	Awala	08	Medicinal value, To control soil erosion.
16	Mangifera indica	Mango	11	Edible fruit, Bird attracting species.
17	Michelia champaca	Sonchaffa	12	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Pongamia pinnata	Karanj	12	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
19	Saraca indica	Sita-ashok	12	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	12	Medicinal value, Edible fruit.
21	Bahunia racemosa	Apta	12	Every part of the plant is medicinal, Drought tolerant species.
22	Caryota urens	Fishtail palm	18	Grown in any type of soil. Very Hardy.
23	Gmelina arborea	Shivan	10	Medicinal value, Drought tolerant species, Bird attracting species.
24	Mimosops elengii	Bakul	18	Fragrant flowers, Medicinal value, To control soil erosion.
25	Aegle marmelas	Bel	17	Drought tolerant species, Medicinal value
26	Nyctanthus arborescens	Parijatak	09	Fragrant flowers, Medicinal value,
27	Putranjiva roxburghii	Putranjiva	14	Medicinal value, Drought tolerant species,
28	Roystonea regia	Bottle palm	17	Ornamental plant, Medicinal value, Birds & bats eat fruits.
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	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA x 1 No.
	During Operation phase (Connected load):	As per Previous EC - 3106 KW , Total Proposed - 4682 KW (5202 KVA)
	During Operation phase (Demand load):	As per previous EC - 2761 KVA, Total Proposed - 2477 KW (2752 KVA)
	Transformer:	As per previous EC - 630 KVA - 3 No.s, Total Proposed - 630 KVA - 1 No.s, 315 KVA X 1 No.
	DG set as Power back-up during operation phase:	As Per Previous EC - 125 KVA - 1 No.s, Total Proposed - 250 KVA - 1 No.s, 125 KVA - 1 No.s
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

Solar Water Heating Systems Will Be Done For Bathrooms.

Solar lights will be provided for common amenities like Street lighting & Garden lighting.

CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.

Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.

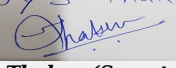
Water Level Controllers with Timers will be used for Water Pumps.

To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED Lights.

Overall Energy Saving in % - 17.22 % / Day .

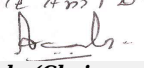
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	190 KWH / Day
2	Garden Pole - Light Fitting For Landscape Area.	2.16 KWH / Day
3	Up Lighter - Light Fitting For Landscape Area.	0.96 KWH / Day
4	Bollard Lighter - Light Fitting For Landscape Area.	1.68 KWH / Day
5	Street Light Fitting - Pole Light On Road Side.	6.6 KWH / Day
6	Street Light Fitting On the Bldg.	21.12 KWH / Day
7	Energy Saving by Solar Hot Water System.	3217.5 KWH / Day
8	Solar Power System	8928 KWH / Day

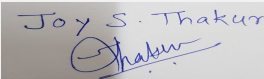
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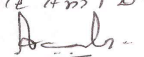
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

9	Total Annual Savings in KWH for Solar Power, Hot Water & Led Lighting Details .		71816 KWH / Day, (17.22 %)	
50.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
Sewage Generation	STP		STP	
Wet Garbage	OWC		OWC	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 126 lakhs		
	O & M cost:	Rs. 2.53 Lakh/annum		
51.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Erosion Control	Dust Seperation	2.0	
2	Site Safety	Nets , Barricade	3.0	
3	Site Sanitation	Public Toilets	4.0	
4	Disinfection and Health check ups	For Labours	2.0	
5	Environmental Monitoring	STP , OWC	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 (Including External Drainage Connection)	Capacity of STP - 570 KLD	124.0	2.0
2	Rain Water harvesting	Internal Piping and Pits	45.0	4.5
3	Solid Waste Management	Mechanical composter	33.0	7.5
4	Swimming Pool	--	12.0	3.0
5	Landscape Development	Tree Plantation and Landscape	78.5	12.6
6	Solar Water Heater	Energy Conservation Methos	85.80	1.72
7	Solar PV Lights (Street Light)	Energy Conservation Methods	40.80	0.81
8	Environmental Monitoring	Air and Noise monitoring, Soil and water analysis	--	2.85
9	Storm water networking	internal networking & joining up to municipal line	28.0	2.8
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)				


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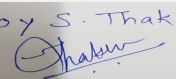
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

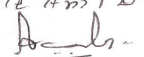
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	Basement No. - 2, Area of Basement - 2385.80 sq.m
	Number and area of podia:	NA
	Total Parking area:	As per Previous EC - 18173.40 sq.m, Total Proposed - 25,116.80 sq.m
	Area per car:	Cover - 30.00 sq.m, Open - 25 sq.m, Basement - 35 sq.m
	Area per car:	Cover - 30.00 sq.m, Open - 25 sq.m, Basement - 35 sq.m
	Number of 2-Wheelers as approved by competent authority:	As per Previous EC -1558 No.s, Total Proposed - 2064 No.s
	Number of 4-Wheelers as approved by competent authority:	As per previous EC - 391 No.s, Total Proposed - 545 No.s
	Public Transport:	NA
	Width of all Internal roads (m):	6 m Driveway
	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	NA
	Have you previously submitted Application online on MOEF Website.	No

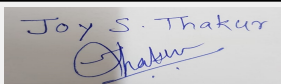
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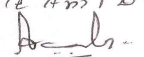
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Shri. Anil Kale (Chairman SEAC-III)

	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	Satisfactory.	
Water Budget	Satisfactory.	
Waste Water Treatment	Satisfactory.	
Drainage pattern of the project	Satisfactory.	
Ground water parameters	Satisfactory.	
Solid Waste Management	Satisfactory.	
Air Quality & Noise Level issues	Satisfactory.	
Energy Management	Satisfactory.	
Traffic circulation system and risk assessment	Satisfactory.	
Landscape Plan	Satisfactory.	
Disaster management system and risk assessment	Satisfactory.	
Socioeconomic impact assessment	Satisfactory.	
Environmental Management Plan	Satisfactory.	
Any other issues related to environmental sustainability	Satisfactory.	
Brief information of the project by SEAC		


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PP had submitted application for amendment in Environmental clearance for total plot area of 28000 m2, FSI area of 53897 m2, Non FSI area of 49926 m2 and total BUA of 103824.4 m2.

PP holds previous 1st EC- dated 9.09.2016 vide no. SEAC-III-2015/CR-98/TC-3 & 2nd EC - vide no. SEIAA-EC-0000000562 dated 27.12.2018

The building configuration of the proposal is as below:

Building - Type A, D: P+14 (Height 45 m)

Building - Type B, C: P+14 (Height 39 m)

Building - Type E and MHADA, F, G H : LP+UP+14 (Height 44.92 m)

Commercial: 2B+G+5 (Height 21.7 m)

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

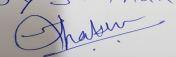
DECISION OF SEAC

During discussion following points emerged:

1. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.
2. PP to submit environmental status report.

SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

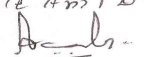
Specific Conditions by SEAC:

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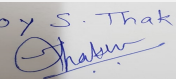
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FINAL RECOMMENDATION

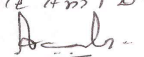
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000353

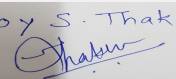
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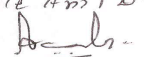
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 97th SEAC-3 meeting Day 03	
SEAC Meeting number: 97 Meeting Date November 7, 2019	
Subject: Environment Clearance for Proposed Mix Used Development project "at S. No. 11, 11/1 to 11/18, 12/3 & 12/4, Cannught Road, Sadhuwaswani chowk, Pune	
Is a Violation Case: No	
1.Name of Project	Mixed used Development
2.Type of institution	Private
3.Name of Project Proponent	M/s. BramhaCorp Ltd.
4.Name of Consultant	Enviro Analysts & Engineers Pvt Ltd
5.Type of project	Commercial and Residential
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Earlier EC Received vide letter No. EC No. SEAC III 14/CR-27/TC-I dated 04.09.2014 and SEIAA No. 0000000424 dated 17.09.2018
8.Location of the project	S. No. 11, 11/1 to 11/18, 12/3 & 12/4, Cannught Road, Sadhuwaswani chowk
9.Taluka	Haveli
10.Village	--
Correspondence Name:	Ms. Anjali Bendarkar
Room Number:	3
Floor:	--
Building Name:	Residency Club
Road/Street Name:	Queen's Garden Road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: Application Date: 2nd August 2019 Approved Built-up Area: 121394.03
13.Note on the initiated work (If applicable)	The construction has been started as per EC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	15,490.08 m2
16.Deductions	1,413.29 m2
17.Net Plot area	14076.79 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 56,307.16 m2 b) Non FSI area (sq. m.): 65,086.87 m2 c) Total BUA area (sq. m.): 121394.03
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 56,307.16 m2 Approved Non FSI area (sq. m.): 65,086.87 m2 Date of Approval: 02-08-2019
19.Total ground coverage (m2)	6205. 00 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	44 % on net plot area
21.Estimated cost of the project	6660000000
22.Number of buildings & its configuration	

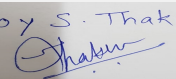
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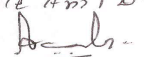
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 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Existing Mixed use Building	G + 3	13.3	
2	Existing Wing B	P + 1	7.4	
3	Existing Wing C	P +2	9.12	
4	Proposed- Wing A (Shops & offices) (Tower A1,A2 & B1)	3B+LG+G+Lower first floor+ First Floor +Lower Second +17 Commercial floor	69.95	
5	Proposed- Club House	G+1	9.00	
23.Number of tenants and shops		Existing : Wing B (Commercial) and Wing C (4 Nos.) + Proposed : Wing A(Shops & offices) ,Tower A1,A2 & B1 : 51 Nos. of shops and 953 offices		
24.Number of expected residents / users		Existing: 112 Proposed 6466 Nos. = Total 6578 Nos. (Fixed+ Floating)		
25.Tenant density per hectare		Not Applicable		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		Proposed 30m wide road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00 M		
29.Existing structure (s) if any		Yes, One existing old structure. and As per earlier EC, two structures (Wing B,C) and further, partly substructures and superstructures are constructed		
30.Details of the demolition with disposal (If applicable)		5400 cu.m		
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				

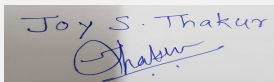
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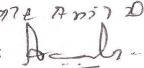
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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC								
	Fresh water (CMD):	147								
	Recycled water - Flushing (CMD):	162								
	Recycled water - Gardening (CMD):	08								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	317								
	Fire fighting - Underground water tank(CMD):	550 (Total)								
	Fire fighting - Overhead water tank(CMD):	Fire 120 m3								
	Excess treated water	108								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	147								
	Recycled water - Flushing (CMD):	162								
	Recycled water - Gardening (CMD):	00								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	309								
	Fire fighting - Underground water tank(CMD):	550 (Total)								
	Fire fighting - Overhead water tank(CMD):	Fire 120 m3								
	Excess treated water	116								
Details of Swimming pool (If any)		NA								
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	

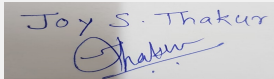

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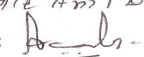
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Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	~5.15 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	3 Nos. of recharge pits
	Size of recharge pits :	2m x 3m x 2m
	Budgetary allocation (Capital cost) :	Rs. 3.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.12 Lakhs/annum
	Details of UGT tanks if any :	Domestic UG tank Capacity: 293 m3 Fire UG tank Capacity: 550m3
35.Storm water drainage	Natural water drainage pattern:	Slope from S to N
	Quantity of storm water:	Quantity of Storm water 10.37 m3/min
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	Sewage generation (CMD): :- 278 m3
	STP technology:	MBBR
	Capacity of STP (CMD):	Existing 110 m3, Proposed 170 m3, 2 Nos.
	Location & area of the STP:	Existing: 110 KLD - 86 sq.m - Near A1 wing Proposed: 170 KLD - 85 sq.m- Near B1 wing:
	Budgetary allocation (Capital cost):	Rs. 58.2 Lakhs
	Budgetary allocation (O & M cost):	Rs. 16.02 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Biodegradable waste: 30 kg/day Non-Biodegradable waste: 45 kg/ day
	Disposal of the construction waste debris:	this material shall be used for road filling and leveling of the plot and remaining will be disposed to authorized sites with due permissions. Scrap materials will be sold to vendors.
Waste generation in the operation Phase:	Dry waste:	791kg/day
	Wet waste:	531kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	14 kg/day
	Others if any:	E-waste:16 KG/day


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Name: K. Anil D.
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Mode of Disposal of waste:	Dry waste:	To be handed over to authorized vendor for further handling & disposal purpose
	Wet waste:	Wet waste will be treated in onsite organic waste converter machine.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E waste - Handed over to authorized recyclers for further handling & disposal purpose
Area requirement:	Location(s):	Near wing B1
	Area for the storage of waste & other material:	18.36 sq.m
	Area for machinery:	10.17 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 15 Lakhs
	O & M cost:	Rs. 3 Lakhs/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
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

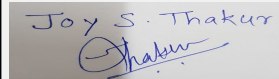
39. Stacks emission Details

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

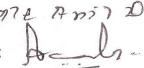
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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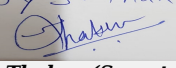

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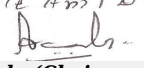
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	1407.68 SQM		
	No of trees to be cut :	39		
	Number of trees to be planted :	271		
	List of proposed native trees :	Given in below list		
	Timeline for completion of plantation :	Before operation 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	Delonix regia	Gulmohar	9	Deciduous with red flowering
2	Kigelia africana	Sausage tree	10	Evergreen tree
3	Cassia grandis	Pink shower tree	9	Deciduous with pink flowering
4	Millingtonia hortensis	Booch	31	Fragrance flowering
5	Bauhinia racemosa	Apta	6	Small tree with small white flowers
6	Michelia champaca	Sonchapha	7	Medium sized evergreen tree, fragrance yellow flower
7	Caryota urens	Fishtail Palm	11	tall evergreen palm tree
8	Phoenix sylvestris	Silver date palm	44	tall evergreen palm tree
9	Samanea saman	Rain Tree	12	Evergreen tree
10	Plumeria	Champa	14	Evergreen tree
11	Tabebuia rosea	Tabebuia	22	Deciduous with pink flowering
12	Plumeria alba/rubra	Champa/ Lal Champa	20	Deciduous with pink, white flowering with fragrance
13	Pongamia pinnata	Karanj	10	Deciduous tree
14	Mangifera indica	Mango Tree	3	Mainly grown as a fruit crop
15	Pithecellobium dulce	Sweet Tamarind	12	Fruit bearing deciduous tree
16	Thespesia populnea	Indian Tulip Tree	3	Evergreen tree
17	Ficus religiosa	Peepal Tree	9	Evergreen fruit bearing tree
18	Prunus avium	Wild Cherry	4	Deciduous tree
19	Polyalthia longifolia	Ashoka Tree	14	Evergreen tree
20	Leucaena leucocephala	Wild Tamarind	8	Deciduous tree
21	Syzygium cumini	Black Berry	6	Fruit bearing evergreen tree
22	Azardiracta indica	Neem Tree	2	Semi-evergreen tree with medicinal value
23	Terminalia catappa	Almond Tree	1	Fruit bearing deciduous tree
24	Ficus racemosa	Cluster Fig	2	Fruit bearing evergreen tree
25	Tectona grandis	Teak Wood	2	Deciduous tree
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				

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Serial Number	Name	C/C Distance	Area m2
1	Nerium oleander	300	133
2	Bougainvillia	300	133
3	Caesalpinia	300	133
4	Jatropha	300	133
5	Tecoma gaudichaudi	300	133
6	Mussaenda	300	133
7	Murraya exotica	300	133
8	Hamelia patens	300	133
9	Lawn	-	363
10	Chrysalidocarpus lutescens	300	133
11	Hymenoclayis littoralis	300	133
12	Wedelia	150	133

47. Energy

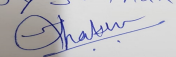
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Less than 100 kW
	DG set as Power back-up during construction phase	110 KVA
	During Operation phase (Connected load):	7983 kW
	During Operation phase (Demand load):	5455 kW
	Transformer:	1250 kVA - 6 nos.
	DG set as Power back-up during operation phase:	1250 kVA- 3 nos
	Fuel used:	Fuel Requirement 190 lit./hr. @75% Load Stack Height-10 m above bldg
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Total Energy saving by using energy saving measures- 14.14 %

49. Detail calculations & % of saving:

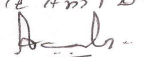
Serial Number	Energy Conservation Measures	Saving %
1	Solar PV	1.80
2	Auto Timer Logic Controller	3.06
3	Electronic V3F drive for Lifts	1.58
4	Using LED Lights	5.55
5	Using Sensor in Common Area	2.36

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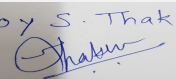
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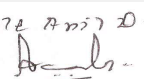
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6	Using 5 star Rated Pumps		0.85	
7	Total		15.20 %	
50.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
Not applicable	Not applicable		Not applicable	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 7.12 Lakhs		
	O & M cost:	Rs. 5.4 Lakhs/annum		
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 & Noise Environment	Erosion control – dust suppression measures, barricading	1.2	
2	Air & Noise Environment	Noise Monitoring and Testing	1.94	
3	Water Environment	Tanker for construction work	0.28	
4	Water Environment	Monitoring	0.60	
5	Land Environment	Labour Camp toilets & sanitation	5.4	
6	Biological Environment	Top Soil Preservation	14.96	
7	Socio-economic environment	Disinfection- Pest Control	1.8	
8	Socio-economic environment	First Aid Facilities	0.18	
9	Socio-economic environment	Health Check Up	2.0	
10	Socio-economic environment	Personal Protective Equipment	1.0	
11	Safety Training	For contractors and labours	1.0	
12	Environment Management	Environment management cell	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	Sewage Treatment Plant	STP	58.2	16.02
2	Solid Waste Management	OWC	15.00	3.00
3	Landscaping	Development and Maintenance	176.14	0.69
4	Rain Water Harvesting	Recharge Pits	3.00	0.12
5	Energy Saving	Energy saving measures	71.2	5.4

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6	Environmental Monitoring	-	-	21.64
7	Basement ventilation	Basement ventilation	280.00	8.40
8	Basement dewatering	Basement dewatering	4.50	1.30

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

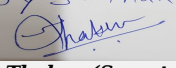
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

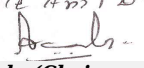
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 nos. of 4-arm Junction (Alankar Chowk and Sadhu Vaswani Chowk)
Parking details:	Number and area of basement:	3 basement area= 25276 m2, Lower Ground area =8526 m2
	Number and area of podia:	6250 m2
	Total Parking area:	42,808.97 m2
	Area per car:	Basement & Lower ground : 37.13 m2, Ground+ Lower first floor+First+ Lower Second+ Second floor: 31.98m2
	Area per car:	Basement & Lower ground : 37.13 m2, Ground+ Lower first floor+First+ Lower Second+ Second floor: 31.98m2
	Number of 2-Wheelers as approved by competent authority:	996 Nos
	Number of 4-Wheelers as approved by competent authority:	493Nos.
	Public Transport:	local transport facility
	Width of all Internal roads (m):	7.5 m to 12 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA

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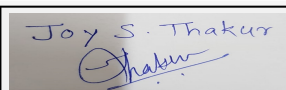
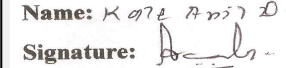
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	Category as per schedule of EIA Notification sheet	8(a) B2 Building & Construction Project
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Satisfactory.
Water Budget	Satisfactory.
Waste Water Treatment	Satisfactory.
Drainage pattern of the project	Satisfactory.
Ground water parameters	Satisfactory.
Solid Waste Management	Satisfactory.
Air Quality & Noise Level issues	Satisfactory.
Energy Management	Satisfactory.
Traffic circulation system and risk assessment	Satisfactory.
Landscape Plan	Satisfactory.
Disaster management system and risk assessment	Satisfactory.
Socioeconomic impact assessment	Satisfactory.
Environmental Management Plan	Satisfactory.
Any other issues related to environmental sustainability	Satisfactory.

Brief information of the project by SEAC

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PP had submitted application for prior Environmental clearance for total plot area of 15490.08 m², FSI area of 56307.16 m², Non FSI area of 65086.87 m² and total BUA of 121394.03 m².

PP holds Earlier EC Received vide letter No. EC No. SEAC III 14/CR-27/TC-I dated 04.09.2014 and SEIAA No. 0000000424 dated 17.09.2018.

The building configuration of the proposal is as below:

Existing Mixed use Building: G + 3 (Height 13.3 m)

Existing Wing B: P + 1 (Height 7.4 m)

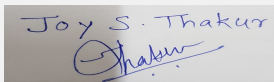
Existing Wing C: P + 2 (Height 9.12 m)

Proposed- Wing A (Shops & offices) (Tower A1,A2 & B1) : 3B+LG+G+Lower first floor+ First Floor +Lower Second +17 Commercial floor (Height 69.95 m)

Proposed- Club House: G+1 (Height 9.00 m)

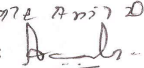
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) **B2**.

DECISION OF SEAC


**Joy S. Thakur (Secretary
SEAC-III)**

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SEAC-III)**

During discussion following points emerged:

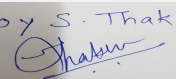
1. In CER, PP is going to distribute 55 drinking water coolers and 90 number of PCs to nearby schools. PP to submit list of schools and school wise number of PCs. PP has shown cost of 90 PCs as Rs. 105.47 Lakh which is too high. PP to submit realistic cost.
2. PP to ensure that all existing buildings where existing tenements are rehabilitated will be connected to STP. At present the sewage is connected to sewer line.
3. PP to submit details of OWC separately for residential and commercial component.
4. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC.

SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

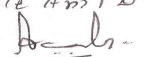
FINAL RECOMMENDATION

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

Joy S. Thakur

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SEAC-III)

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