

## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date October 15, 2018**

**Subject:** Environment Clearance for Environmental Clearance for Proposed Residential Project at S. No. 259(P) & 1945 TO 1952, 2706 TO 2712, 2713(P), 2720(P) TO 2732(P), 2733(P), 2705(P), & 1940(P)., Wakad, Dist- Pune by M/s. Shiv Developers.

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Residential Project by M/s. Shiv Developers.
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Mahesh Yadav
<b>4.Name of Consultant</b>	Vk:e environmental LLP, Pune
<b>5.Type of project</b>	Housing Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	At. S. No. 259(P) & 1945 TO 1952, 2706 TO 2712, 2713(P), 2720(P) TO 2732(P), 2733(P), 2705(P), & 1940(P)., Wakad, Dist- Pune.
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Wakad
<b>Correspondence Name:</b>	Mr. Mahesh Yadav
<b>Room Number:</b>	Sr. no.18
<b>Floor:</b>	-
<b>Building Name:</b>	Vishalnagar
<b>Road/Street Name:</b>	Opp. Wateredge ,Pimple Nilakh
<b>Locality:</b>	Wakad
<b>City:</b>	Pune
<b>11.Area of the project</b>	PCMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Under Process IOD/IOA/Concession/Plan Approval Number: 00 Approved Built-up Area: 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	NA
<b>15.Total Plot Area (sq. m.)</b>	5600
<b>16.Deductions</b>	560 sqm.
<b>17.Net Plot area</b>	5040 qm.
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 14574.85 b) Non FSI area (sq. m.): 14690.72 c) Total BUA area (sq. m.): 29265.57
<b>18 (b).Approved Built up area as per DCR</b>	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 23-07-2018
<b>19.Total ground coverage (m2)</b>	1844.84
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	32 %
<b>21.Estimated cost of the project</b>	780860000

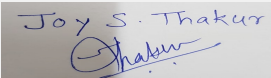
## 22.Number of buildings & its configuration

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 1 of 144</b>	<b>Name: Kote Anil D.</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	B+P+12 FLOOR	34.80	
2	Building B	B+P+12 FLOOR	34.80	
3	Building C	B+P+12 FLOOR	34.80	
4	Building D	B+P+12 FLOOR	34.80	
5	Building E	B+P+12 FLOOR	34.80	
6	Building F (MHADA)	B+P+12 FLOOR	34.80	
<b>23.Number of tenants and shops</b>	Residential: 254			
<b>24.Number of expected residents / users</b>	Residential: 1231			
<b>25.Tenant density per hectare</b>	Tenement = 453/HA			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	15 m wide road (Nearest fire Station (0.73 km) Rahatani Fire Station )			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9m			
<b>29.Existing structure (s) if any</b>	NA			
<b>30.Details of the demolition with disposal (If applicable)</b>	NA			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

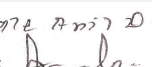
 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 2 of 144</b>	<b>Name: Kote Anil D.</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	111							
	Recycled water - Flushing (CMD):	55							
	Recycled water - Gardening (CMD):	3							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	169							
	Fire fighting - Underground water tank(CMD):	450							
	Fire fighting - Overhead water tank(CMD):	20 for each Building							
	Excess treated water	76							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	111							
	Recycled water - Flushing (CMD):	55							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	166							
	Fire fighting - Underground water tank(CMD):	450							
	Fire fighting - Overhead water tank(CMD):	20 for each Building							
	Excess treated water	79							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

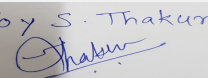
  
**Joy S.Thakur (Secretary SEAC-III)**

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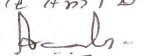
**Name:** K. Anil Kale  
**Signature:**   
**Shri. Anil Kale (Chairman SEAC-III)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre -monsoon water level 10.20 m bgl Post monsoon water level 4.20 m bgl
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	4 recharge pit cum bore well
	<b>Size of recharge pits :</b>	Dimension of recharge pit 2m ×2m×2m Dimensions of recharge bore well 178 mm diameter depth 60 meter and depth of perforated or slotted casing 6 meter Total pit cum bore well.
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 1,23,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 20,000/-
	<b>Details of UGT tanks if any :</b>	Total: 735000 lit.
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	4.39 m <sup>3</sup> /minute
	<b>Size of SWD:</b>	450mm to 650 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	150 KLD
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	150 KLD
	<b>Location &amp; area of the STP:</b>	On Ground and Area required for STP: - 8.40 x 7.15 = 60.06 sq.m
	<b>Budgetary allocation (Capital cost):</b>	Rs.48,90,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 8,60,000/-
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	20 kg/day (Wet+Dry)
	<b>Disposal of the construction waste debris:</b>	The entire construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	246 kg/day
	<b>Wet waste:</b>	369 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	18.45 kg/day
	<b>Others if any:</b>	E-Waste- 615 Kg / year

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 SEAC-III)

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recycler for further handling and disposal purpose
	<b>Wet waste:</b>	Wet waste will be treated onsite organic waste converter waste
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	After OWC treatment, sludge will be used as manure.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	On Ground
	<b>Area for the storage of waste &amp; other material:</b>	12 sqm.
	<b>Area for machinery:</b>	24 sqm.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.12,75,000/-
	<b>O &amp; M cost:</b>	Rs. 2,99,563/-

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

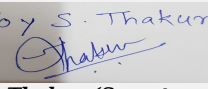
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 40. Details of Fuel to be used

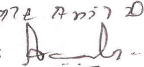
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	563.33 sqm.
	<b>No of trees to be cut :</b>	00
	<b>Number of trees to be planted :</b>	Required Trees: 70 nos. Provided Trees :71 nos.
	<b>List of proposed native trees :</b>	Refer Below List of Native Trees:
	<b>Timeline for completion of plantation :</b>	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	Syzigium cumini	Jambhul Tree	05	A large size tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds.
2	Milingtonia Hortensis	Indian Cork Tree	08	A columnar, evergreen tree, grows well in both dry and moist regions.
3	Lagerstromia Flos-regineae	Tambhan	09	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate.
4	Pongamia Pinata	Karanj	04	Large tree good for stopping soil erosion along canal banks.
5	Azadiracta Indica	Neem	05	A medium to large size hardy tree which stands in draught conditions. Air purifying quality. Attain a much larger size in dry regions.
6	Cassia Fistula	Bahava	05	Small deciduous tree. Excellent bright flowering tree for arid regions
7	Ficus Benjamina	Weeping fig	04	Medium sized evergreen tree with elegant appearance and moderate water requirement
8	Plumeria alba	Champa	14	Ornamental Flowering tree
9	Michelia Champaca	Sonchafa	04	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
10	Polyalthia Longifolia	Ashoka	08	Large evergreen tree effective in decreasing noise pollution.
11	Mangifera Indica	Mango	05	Large evergreen and 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	NA	NA	NA

#### 47.Energy

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 6 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	22 KW
	<b>DG set as Power back-up during construction phase</b>	1 DG set of 20 KVA
	<b>During Operation phase (Connected load):</b>	1215 KVA
	<b>During Operation phase (Demand load):</b>	664 KVA
	<b>Transformer:</b>	1 nos of 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 nos. of 200 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48. Energy saving by non-conventional method:

Energy savings( Solar water heating system + Solar PV panels + LED light fittings) units per year.(For renewable/solar )=(21%)

#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy savings due to Solar PV cell	6503.25 kwh
2	Energy saving due to solar power	365577.44 kwh

#### 50. Details of pollution control Systems

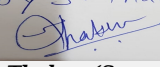
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 48,86,550/-
	<b>O &amp; M cost:</b>	Rs. 4,58,640/-

### 51. Environmental Management plan Budgetary Allocation

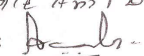
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	0.9
2	Land	Labour Camp toilets & sanitation	2.40
3	Health and Safety	Labour Safety Equipments and training	4.0

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

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

4	Facility	Disinfection and Health Check-ups	0.51
5	Environment Management	Environmental Monitoring	0.84

**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	MBBR Technology	48.90	8.60
2	Solid Waste Management	OWC Machine	12.75	2.99
3	Landscaping	Development and Maintenance	1.48	0.14
4	Rain Water Harvesting	Recharge pits with bore well	1.23	0.20
5	Energy Saving	Solar PV panels	6	0.3
6	Environmental Monitoring	-	-	0.84

**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:	Proposed site is located at Wakad. The road network within the site has been designed to cater to the traffic loads of the project.
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 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 8 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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<b>Parking details:</b>	<b>Number and area of basement:</b>	1 basement & Area = 2168.34
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	3822.70 sq.m.
	<b>Area per car:</b>	12.5 sq.m.
	<b>Area per car:</b>	12.5 sq.m.
	<b>Number of 2-Wheelers as approved by competent authority:</b>	508
	<b>Number of 4-Wheelers as approved by competent authority:</b>	127
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	7 m wide internal road is provided and 9 m. Turning radius will be provided.
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 a Building Construction Project
	<b>Court cases pending if any</b>	No
	<b>Other Relevant Informations</b>	The project is a residential project located at wakad.
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 9 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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**Environment Clearance for Environmental Clearance for Proposed Residential Project at S. No. 259(P) & 1945 TO 1952, 2706 TO 2712, 2713(P), 2720(P) TO 2732(P), 2733(P),2705(P), & 1940(P)., Wakad, Dist- Pune by M/s. Shiv Developers.**

PP submitted their application for prior Environmental clearance for total plot area of 5600 Sq. Mtrs, BUA of 29265.57 Sq. Mtrs and FSI area of 14574.85 Sq. Mtrs and Non FSI area of 14690.72 sq mtrs. PP proposes to construct 6 no. of residential buildings.

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**

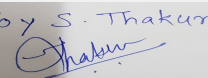
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 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. With details of fund utilization & agreement with executor.
- 2) PP to increase the ramp width up to 6 m with slope 1:10 for ease of operation & safety.
- 3) PP to submit revised parking layout plan for basement.
- 4) PP to submit basement ventilation plan.
- 5) PP to submit parking statement with details of area per car.
- 6) PP to submit revised EMP.
- 7) PP to submit list of existing trees.
- 8) PP to submit CFO NOC.
- 9) PP to increase the number of solar PV panel and submit revised energy saving calculations.

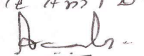
**FINAL RECOMMENDATION**

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 of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

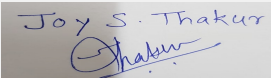
**Subject:** Environment Clearance for Proposed Building Construction Project (Commercial)

**Is a Violation Case:** No

1.Name of Project	Gahunje Square
2.Type of institution	Private
3.Name of Project Proponent	Sachin Suresh Patil
4.Name of Consultant	Building Environment India Pvt. Ltd.
5.Type of project	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	Gat No. 217,218, 220, 221
9.Taluka	Maval
10.Village	Gahunje
Correspondence Name:	Sachin Suresh Patil
Room Number:	Shop No. 20
Floor:	Ground Floor
Building Name:	NA
Road/Street Name:	Survey No. 169/1
Locality:	Aundh
City:	Pune
11.Area of the project	Gahunje Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	IOD
	IOD/IOA/Concession/Plan Approval Number: In process
	Approved Built-up Area: 41499.61
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.)	17200 Sq.m.
16.Deductions	4312.92
17.Net Plot area	12710.76
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20843.09
	b) Non FSI area (sq. m.): 20656.52
	c) Total BUA area (sq. m.): 41499.61
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 20843.09
	Approved Non FSI area (sq. m.): 20656.52
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	6314.96
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.70%
21.Estimated cost of the project	900000000

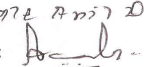
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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Joy S.Thakur (Secretary  
SEAC-III)

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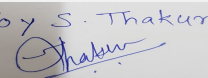
1	Main Building	B+LG+G+9	35.95
2	Amenity	G+6	21.60
<b>23.Number of tenants and shops</b>	Shops- 185 Nos, Party lawn-2 Nos, Banquet Hall-2 Nos, Restaurant- 7 Nos, Hotel- 1 No., Open Restaurant-1 No.		
<b>24.Number of expected residents / users</b>	5292		
<b>25.Tenant density per hectare</b>	3076		
<b>26.Height of the building(s)</b>			
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	10 to 30 m		
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m		
<b>29.Existing structure (s) if any</b>	NA		
<b>30.Details of the demolition with disposal (If applicable)</b>	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

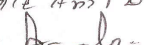
### 32.Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	Gahunje Grampanchayat
	<b>Fresh water (CMD):</b>	198.36 KLD
	<b>Recycled water - Flushing (CMD):</b>	125.65 KLD
	<b>Recycled water - Gardening (CMD):</b>	18.14 KLD
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	342.15 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	200 KLD
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 KLD
	<b>Excess treated water</b>	164.15 KLD

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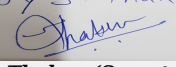
<b>Wet season:</b>	<b>Source of water</b>	Gahunje Grampanchayat
	<b>Fresh water (CMD):</b>	198.36 KLD
	<b>Recycled water - Flushing (CMD):</b>	125.65 KLD
	<b>Recycled water - Gardening (CMD):</b>	--
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	324.01 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	200 KLD
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 KLD
	<b>Excess treated water</b>	182.28 KLD

<b>Details of Swimming pool (If any)</b>	NA
--	----

**33.Details of Total water consumed**


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

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	4.30 M (post monsoon)
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	7
	<b>Size of recharge pits :</b>	2 M x 2 M x 2 M
	<b>Budgetary allocation (Capital cost) :</b>	396000
	<b>Budgetary allocation (O &amp; M cost) :</b>	35000
	<b>Details of UGT tanks if any :</b>	Amenity- Domestic Tank - 21 KLD Firefighting Tank -50 KLD Main Building- Domestic Tank- 1- 108 KLD Domestic Tank-2&3- 100 KLD Firefighting Tank- 1 & 2- 100 KLD

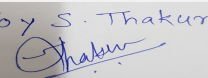
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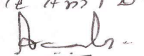
**Name:** K. Anil Kale  
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<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	East to West
	<b>Quantity of storm water:</b>	386.77 m <sup>3</sup> /hr
	<b>Size of SWD:</b>	600 x 600 m
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	291.61
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 x 355 KLD
	<b>Location &amp; area of the STP:</b>	Near Main Building, 220.29 Sq.m.
	<b>Budgetary allocation (Capital cost):</b>	5900000
	<b>Budgetary allocation (O &amp; M cost):</b>	650000
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Top Soil-1072.88, Debris- 39696.70 m <sup>3</sup>
	<b>Disposal of the construction waste debris:</b>	Top soil will be used for landscaping and debris will used for site leveling and internal road making
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	771 kg
	<b>Wet waste:</b>	552 kg
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	26 kg/day
	<b>Others if any:</b>	Electronic waste - 2.6 tons/year
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through authorized vendor
	<b>Wet waste:</b>	Through Organic Waste Converter, generated manure will be used for gardening purpose
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Through OWC used as manure
	<b>Others if any:</b>	Electronic Waste Through authorized vendor
<b>Area requirement:</b>	<b>Location(s):</b>	Near substation 1
	<b>Area for the storage of waste &amp; other material:</b>	45.5 Sq.m.
	<b>Area for machinery:</b>	45.5 Sq.m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	16,75,000
	<b>O &amp; M cost:</b>	3,99,967
<b>37.Effluent Charecterestics</b>		

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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):		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	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 320 KVA	HSD, 75 lit/hr	1	2 m	10.16 m	281
2	DG Set 62.5 KVA	HSD, 14.1 lit/hr	1	2 m	10.16 m	281

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD For 320 KVA	00	75 lit/hr	75 lit/hr
2	HSD For 62.5 KVA	00	14.1 lit/hr	14.1 lit/hr

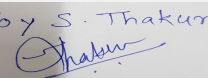
41.Source of Fuel Fuel pump

42.Mode of Transportation of fuel to site By vehical

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1605.5
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	158
	<b>List of proposed native trees :</b>	Betel nutpalm(Supari), Golden shower(Amaltash, Bahawa), Bread Fruit tree(Neer Phanas), Fishtail palm(Ardha Supari), Queens flower(Jarul), Ivory coast almond, Apta, Elephant apple(Ramphal)
	<b>Timeline for completion of plantation :</b>	4 years and 6 months

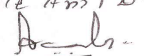
### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
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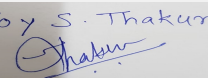
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1	Areca catechu	Supari, Betel nutpalm	43	<ul style="list-style-type: none"> <li>• Betel nut fruit is edible.</li> <li>• Dry, fallen leaves are collected and hot-pressed into disposable plates and bowls</li> </ul>
2	Cassia fistula	Golden shower(Amaltash, Bahawa)	19	<ul style="list-style-type: none"> <li>• Has medicinal properties like are astringent, cooling.</li> <li>• Also used in the treatment of cancer, constipation, diarrhea</li> </ul>
3	Artocarpus altilis	Bread Fruit tree(Neer Phanas)	08	<ul style="list-style-type: none"> <li>• Fruit is edible.</li> <li>• The tree also has the nutritional and medicinal properties</li> </ul>
4	Caryota urens	Ardha Supari, Fishtail palm	52	<ul style="list-style-type: none"> <li>• Used for seminal weakness and urinary disorders</li> <li>• The flower is used to treat gastric ulcer, migraine headaches, snake bite poisoning, as well as rheumatic swellings</li> </ul>
5	Lagerstromia speciosa	Jarul, Queens flower	09	<ul style="list-style-type: none"> <li>• The tree has a dense and wide spreading root system, which has made it useful in plantings for erosion control</li> <li>• Bark wood is usable for construction work, panelling etc.</li> </ul>
6	Terminalia ivorensis	Ivory coast almond	16	<ul style="list-style-type: none"> <li>• Due to the chemical richness, leaves (and the bark) are used in different herbal medicines for various purposes</li> </ul>
7	Bauhenia purpurea	Apta	03	<ul style="list-style-type: none"> <li>• Leaves, flowers, seeds are edible.</li> <li>• Roots, bark and flowers have medicinal values</li> </ul>
8	Dillenia indica	Elephant apple, Ramphal	08	<ul style="list-style-type: none"> <li>• The fruit pulp is sour and used in Indian cuisine in curries, jam, and jellies</li> <li>• The fruit also has the medicinal qualities in daily uses</li> </ul>

**45.Total quantity of plants on ground**

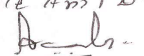
**46.Number and list of shrubs and bushes species to be planted in the podium RG:**

Serial Number	Name	C/C Distance	Area m2
1	Alpenia purpurea (Red ginger)	0.60m	15.10
2	Allamanda yellow dwarf (Allamanda yellow)	0.45m	19.50
3	Dracena mahatma (Dracena red)	0.60m	19.80
4	Hamelia patens dwarf (Hamelia dwarf)	0.45m	15.05
5	Heliconia psittacorum (Heliconia erect)	0.60m	07.80
6	Nerium oleander dwarf (Kanher dwarf)	0.45m	19.50
7	Rhapis excelsa (Rhapis palm)	0.75m	15.00
8	Tabernemontana variegated (Tagar var.)	0.60m	19.80
9	Barmuda grass	--	1271

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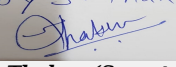
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10	Duranta erecta (Golden duranta)	0.60m	12.60
11	Duranta repens (Duranta variegated)	0.60m	24.30
12	Hamelia patens (Hamelia)	0.60m	24.30
13	Jasminum sambac (Mogra)	0.60m	25.90
14	Stachytarphata indica (Stachytarphata)	0.60m	23.50
15	Tecomaria capensis (Tecoma orange)	0.60m	27.05
16	Allamanda Nerifolia (Allamanda Yellow)	0.60m	12.60
17	Allamanda violecia (Allamanda pink)	0.60m	14.40
18	Chrysalidocarpus luscens (Areca palm)	0.90m	21.10
19	Heliconia psittacorum (Heliconia erect)	0.60m	10.60
20	Heydichium coronarium (Sontakka)	0.60m	10.60
21	Hymenocallis littoralis (Beach Spider lily)	0.75m	27.70
22	Ixora duffy pink (Pink ixora)	0.60m	15.00
23	Jatropha pandurifolia (Jatropha)	0.60m	36.15
24	Sterilitzia reginae (Bird of paradise)	0.60m	15.30
25	Bambusa ventricosa (Buddha belly bamboo)	0.60m	17.15
26	Gardenia jasminoides compacta (Anant)	0.60m	10.00
27	Stachytarphata indica (Stachytarphata)	0.75m	10.00
28	Allamanda violecia (Allamanda pink)	0.60m	10.00
29	Allamanda cathertica yellow (Allamanda yellow)	0.60m	10.00
30	Bambusa nigra (Black bamboo)	0.60m	17.15
31	Melastoma malbathricum (Melastoma)	0.60m	24.60
32	Sterilitzia reginae (Bird of paradise)	0.60m	22.30
33	Chrysalidocarpus luscens (Areca palm)	0.90m	26.20
34	Rhapis excelsa (Rhapis palm)	0.75m	24.60
35	Alpenia purpurea (Red ginger)	0.60m	10.00
36	Bambusa vulgaris (Golden bamboo)	0.60m	21.00

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37	Chrysalidocarpus lutescens (Areca palm)	0.90m	12.60
38	Heliconia psittacorum (Heliconia erect)	0.60m	10.00
39	Heliconia rostrata (Heliconia drooping)	0.60m	10.00
40	Sterilitzia reginae (Bird of paradise)	0.60m	10.00
41	Rhapis excelsa (Rhapis palm)	0.75m	12.60

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	100 kW
	<b>DG set as Power back-up during construction phase</b>	1 x 125 kVA
	<b>During Operation phase (Connected load):</b>	4379.62 kW
	<b>During Operation phase (Demand load):</b>	2929.49 kW
	<b>Transformer:</b>	7 x 630 kVA
	<b>DG set as Power back-up during operation phase:</b>	1 x 320 kVA and 1 x 62.5 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

### 48. Energy saving by non-conventional method:

Energy saving by non-conventional method is 25.74 kW/hr

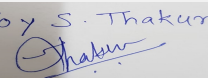
### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using LED Lightning	305.6 KW/DAY
2	Energy generation proposed through Solar Panels	25.74 KW/hr
3	Total	9.0%

### 50. Details of pollution control Systems

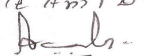
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	2424000
	<b>O &amp; M cost:</b>	159000

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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	Personal Protective Equipment's	Helmets, Ear plugs, Mask, Hand Gloves, Safety Shoes	8.0
2	Site Sanitation Facilities	Mobile toilets, Cleaning facilities	4.5
3	Solid waste managment	Dust Bean, Cleanining	4.0
4	Water Provision	Drinking water for workers and dust suppression	8.5
5	Environment monitoring	Air, Water, Noise, Soil testing	3.0
6	Health Checkup, First Aid facilities for workers	--	2.5
7	Awareness and training for workers	Environment, Safety awareness	1.5
8	Total	--	32.00

### b) Operation Phase (with Break-up):

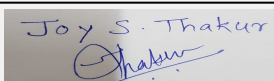
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	7 nos. of recharge pits	3.96	0.35
2	Solid Waste Managment	Organic Waste Converter	16.75	3.99
3	Energy Saving	Solar Panel, Auto timer	24.24	1.59
4	Landscaping	158 trees plantation, Lawn	134.94	0.25
5	Environment Monitoring	Air, Water, Noise, Soil, STP Treated Water, DG set	---	5.0
6	STP	1 x 355 KLD	59.00	6.50
7	Total	--	238.89	17.68

## 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

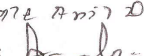
## 52.Any Other Information

No Information Available

  
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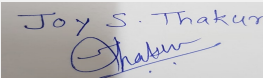
### 53. Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	1 junction to main road
<b>Parking details:</b>	<b>Number and area of basement:</b>	1 basement having 5275.87 sq.m. area
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	11476.88 sq.m.
	<b>Area per car:</b>	12.5 sq.m.
	<b>Area per car:</b>	12.5 sq.m.
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Scooters- 605, Cycles- 630
	<b>Number of 4-Wheelers as approved by competent authority:</b>	280
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	B
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

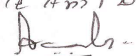
Summarised in brief information of Project as below.

### Brief information of the project by SEAC

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

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**Environment Clearance for Proposed Building Construction Project (Commercial) at Gat No. 217,218, 220, 221 Gahunje, Tal-Maval Pune by Gahunje Square**

PP submitted their application for prior Environmental clearance for total plot area of 17200 Sq. Mtrs, BUA of 41499.61 Sq. Mtrs and FSI area of 20843.09 Sq. Mtrs and Non FSI area of 20656.52 sq mtrs. PP proposes to construct 2 no.of buildings.

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**

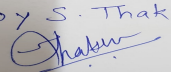
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) PP to submit clarification and confirming regarding availability of 18 m DP road with dead end.
- 2) PP to shift the location of OWC,DG set ,transformer, and open space which is proposed on dead end of DP road.
- 3) PP to submit a clarification from planning authority to confirm that the 18 m DP road is dead end at their plot.
- 4) Committee decided to defer the proposal and consider a fresh only after clarification from planning authority.

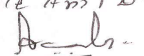
**FINAL RECOMMENDATION**

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 of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

**Subject:** Environment Clearance for Residential and Commercial Development

**Is a Violation Case:** No

<b>1.Name of Project</b>	"Nakshatra I Land"
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Mukesh Patel Ellora Buildwell Pvt. Ltd. (Owner) Ellora Home Makers Pvt. Ltd. (Developer) Ellora Fiesta, Plot No. 8, Sector-11, Opposite Juinagar, Navi Mumbai
<b>4.Name of Consultant</b>	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
<b>5.Type of project</b>	Residential & Commercial Development
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	Gat No. 669, Plot A Moshi Alandi Road, Off. Pune Nashik Highway, Pune- 412105
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Moshi
<b>Correspondence Name:</b>	Ellora Buildwell Pvt. Ltd. Ellora Home Makers Pvt. Ltd. Ellora Fiesta, Plot No. 8, Sector-11, Opposite Juinagar, Navi Mumbai
<b>Room Number:</b>	Plot No. 8, Sector-11
<b>Floor:</b>	-
<b>Building Name:</b>	Ellora Fiesta
<b>Road/Street Name:</b>	-
<b>Locality:</b>	Opposite Juinagar
<b>City:</b>	Mumbai
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	B.P. ENV. MOSHI 02.2016 DT.08.02.2016 <b>IOD/IOA/Concession/Plan Approval Number:</b> B.P. ENV. MOSHI 02.2016 DT.08.02.2016 <b>Approved Built-up Area:</b> 108401.03
<b>13.Note on the initiated work (If applicable)</b>	we have constructed total built up area of 34,126.05 m2 Court order dated 23.05.2018 received against Criminal court case no 241/2015
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not applicable
<b>15.Total Plot Area (sq. m.)</b>	46,614.00 m2
<b>16.Deductions</b>	6,765.02 m2
<b>17.Net Plot area</b>	39,848.98 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 52895.37 <b>b) Non FSI area (sq. m.):</b> 55505.66 sq.m. <b>c) Total BUA area (sq. m.):</b> 108401.03
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 52895.37 sq.m. <b>Approved Non FSI area (sq. m.):</b> 55505.66 sq.m. <b>Date of Approval:</b> 08-02-2016
<b>19.Total ground coverage (m2)</b>	11,526.49m2
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	29% of Net plot area
<b>21.Estimated cost of the project</b>	1310000000

## 22.Number of buildings & its configuration

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 22 of 144</b>	<b>Name:</b> K. Anil Kale <b>Signature:</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A Bldg	P + 12	39.00
2	B Bldg	P + 12	39.00
3	C Bldg	P + 12	39.00
4	D Bldg	P + 12	39.00
5	E Bldg	LP + UP +12	42.00
6	F Bldg	LP + UP +12	42.00
7	G Bldg	P + 12	39.00
8	H Bldg	P + 12	39.00
9	I Bldg	P + 12	39.00
10	J Bldg	P + 12	39.00
11	K Bldg	G + 11	39.00
12	Amenity	Ground + first +second + Third	12.45
13	Club House	G + 1	6.60

<b>23.Number of tenants and shops</b>	977 Tenements, 43 shops and 5 offices
<b>24.Number of expected residents / users</b>	Residential Users: 4885Nos. Commercial Users: 657Nos
<b>25.Tenant density per hectare</b>	245
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Nearest Fire Station: PCMC Fire Station at Bhosari 6.45 km away from proposed site and existing width of the road from the nearest fire station to the proposed building is 6 mt and proposed to be 24 m wide.
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9m
<b>29.Existing structure (s) if any</b>	Bldg C, G, H & I - P+12 - total flats - 376, D first slab completed. Court order dated 23.05.2018 received against Criminal court case no 241/2015
<b>30.Details of the demolition with disposal (If applicable)</b>	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

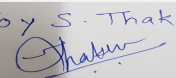
### 32.Total Water Requirement

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 23 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	Source of water	PCMC
	Fresh water (CMD):	458
	Recycled water - Flushing (CMD):	236
	Recycled water - Gardening (CMD):	55
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	749
	Fire fighting - Underground water tank(CMD):	550
	Fire fighting - Overhead water tank(CMD):	20 KLD / building
	Excess treated water	333
Wet season:	Source of water	PCMC
	Fresh water (CMD):	458
	Recycled water - Flushing (CMD):	236
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	694
	Fire fighting - Underground water tank(CMD):	550
	Fire fighting - Overhead water tank(CMD):	20 KLD / building
	Excess treated water	388
Details of Swimming pool (If any)	NA	

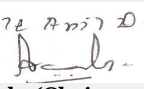
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	Not applicable	458	458	Not applicable	69	69	Not applicable	389	389
Domestic	Not applicable	236	236	Not applicable	0	0	-	236	236
Gardening	NA	55	55	NA	55	55	NA	0	0

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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5.5 Mtr. to 7.1 Mtrs. BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	15
	<b>Size of recharge pits :</b>	3×3×4 mt
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 45 Lacs
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs.0.90 Lacs per
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity (cum) : Residential: 723 KLD Commercial - 14 KLD Flushing tank Capacity(cum) Residential: 280 KLD Commercial - 12 KLD Fire UG tank Capacity (cum) 550

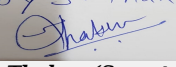
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	South to North West
	<b>Quantity of storm water:</b>	24 m3/min
	<b>Size of SWD:</b>	900 mm wide.

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	626 Residential - 606 Commercial - 20
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1) 650 KLD 2) 20 KLD
	<b>Location &amp; area of the STP:</b>	1) 650 KLD - 301 - Near Building J 2) 20 KLD - 41 - Near Building A
	<b>Budgetary allocation (Capital cost):</b>	Rs. 117 Lacs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 26.9 Lacs/annum

### 36.Solid waste Management


<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Waste generation: 30 kg/day Quantity of the topsoil to be preserved: 500 m3
	<b>Disposal of the construction waste debris:</b>	Used for land filling

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	721
	<b>Wet waste:</b>	1685
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	128 Kg
	<b>Others if any:</b>	-

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SWACH
	<b>Wet waste:</b>	Treated in Samruddhi OWC (2 no.)
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure after treating it in OWC
	<b>Others if any:</b>	-
<b>Area requirement:</b>	<b>Location(s):</b>	OWC 1: Near Building H OWC 2:Near Building A
	<b>Area for the storage of waste &amp; other material:</b>	OWC 1 :180 m2 OWC 2: 12 m2
	<b>Area for machinery:</b>	Included in above
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	OWC 1 - Rs. 21.50 lacs OWC 2 - Rs. 6.25 Lacs
	<b>O &amp; M cost:</b>	OWC 1 - Rs. 9 Lacs per annum Rs. 5.75 lacs /annum+3.25 lacs (collection) OWC 2 - Rs. 1.25 lacs per 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

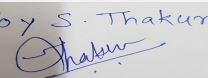
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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	200	43 Lit/hr	2	6.82	162.5 mm	50
2	62.5	13.7 Lit/hr	1	5.58	62.5mm	50

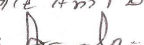
### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	Not applicable	Diesel	Diesel
41.Source of Fuel		Diesel - Authorised vendor		
42.Mode of Transportation of fuel to site		by road		

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	4229.60 m2
	<b>No of trees to be cut :</b>	No
	<b>Number of trees to be planted :</b>	368
	<b>List of proposed native trees :</b>	Cassia Fistula Cassia Javanica Lagerstromea Speciosa Murraya Koenegii Azaradichta Indica Anthocelaphus Cadamba Areca Catechu Bauhinia Blakeana Pithacolum Samanea Saman
	<b>Timeline for completion of plantation :</b>	3 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 / indian laburnum.	26	Medicinal tree, fruits, seeds & leaves are used for medicinal purpose.
2	Cassia javanica	Pink shower tree	19	Pollution Free.
3	Drypetes Roxburghii	Putranjiva tree	04	Evergreen tree with medicinal value.
4	Lagerstromea speciosa	Pride of India tree	23	It is very good for Indian weather. Required less water. Color is flower is violet.
5	Murraya koenigii	Curry leaves	13	Medicinal / herbal tree. Leaves also used for culinary purpose.
6	Azadirachta indica	Neem	05	Medicinal tree, deciduous.
7	Plumeria alba	Champa	45	Deciduous tree, perennial flowering, leaves & bark used for medicinal purpose.
8	Anthocephalus cadamba	Kadamba	21	Evergreen tree, fruits eaten either raw or cooked, bark & leaves used as medicine.
9	Wodyetia bifurcata	Foxtail palm	66	Create green environment. May planted area having strong winds and moderate amount of salt spray.
10	Ravanella Magascurensis	Travellers palm	08	Ornamental tree with featherlike leaves. It has very good property of rainwater collection.
11	Tabebuia rosea	Rosy trumpet	45	Deciduous tree, flowery, control soil erosion.
12	Tabebuia argentea	Golden trumpet	45	Flowery tree, strong resistance property against wind, control soil erosion
13	Bauhinia blakeana	Kanchan	24	Astringent, Decoction od roots prevents obesity.
14	Pithacolum samanea Saman	Raintree	24	Root Decoction is use in hot bath of stomach cancer. Traditional remedy for cold and diarrhea.

#### 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	-	-

### 47. Energy

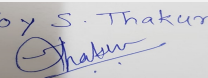
<b>Power requirement:</b>	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA
	During Operation phase (Connected load):	4379 KW
	During Operation phase (Demand load):	3892.4 KVA
	Transformer:	22KV/630 KVA - 7 Nos
	DG set as Power back-up during operation phase:	Total DG power consumption for residential buildings & Common Amenity is 323 KVA So 2 no's of 200 kVA With AMF + Load Sharing Panel Total DG power consumption for commercial building is 47 KVA So 1 no. of 62.5 kVA With AMF Panel
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

### 48. Energy saving by non-conventional method:

solar water

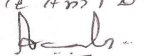
### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heating systems will be done for bathrooms.	3663.75 Per Day
2	Solar lights will be provided for common amenities like Street lighting & Garden lighting.	18 + 12 = 30 Per Day
3	CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc	128.75 + 1.68 + 1.8 + 1.44 = 133.67 Per Day
4	TOTAL Savings Per day in KWH	128.75 + 1.68 + 1.8 + 1.44 + 18 + 12 + 3663.75 = 3827.42 KWH
5	Design Demand Per Day In KWH. ( i.e. MSEDCL Connected Load 4379 KW x 24 Hrs = 105096 KWH)	105096
6	Demand Per day In KWH, if above saving measures were not proposed. (I.E. 3827.42+ 105096 = 108923.42 KWH )	108923.42
7	Percentage Savings Per Day ( 3827.42/ 108923.42) x 100 = 3.51%	3.51%

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 SEAC-III)

8	To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED lights.(Saving as LED against Conventional Method)	45.97%
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### 50.Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 146.90 Lacks
	<b>O &amp; M cost:</b>	Rs 3.42 Lacks annually

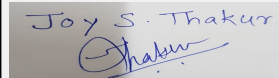
### 51.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water for dust supression	0.64
2	Air	Air & Noise Monitoring	1.34
3	Water	Water Monitoring	0.42
4	Water	Tanker for construcion	1.60
5	Land	Site sanitation & mobile toilet	12.93
6	Biological	Gardening Set Up and top soil preservation	13.25
7	socio economic Environment	Disinfection- Pest Control	0.24
8	socio economic Environment	First Aid Facilities	0.14
9	socio economic Environment	Health Check Up	1.92
10	socio economic Environment	Crèches For Children	9.13
11	socio economic Environment	Personal Protective Equipment	1.44
12	Energy conservation	CFL and others	1.30

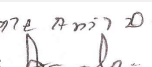
#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	Sewage Treatment Plant	90 + 27	1.77 + 0.47
2	Rain Water Harvesting	Rain Water Harvesting	45	0.90
3	Solid Waste Management	Solid Waste Management	6.25 + 21.50	1.25 + 9.00
4	Green Belt Development	Green Belt Development	125	42
5	Energy Use (Solar water heating )	Energy Use (Solar water heating )	97.70	1.95

  
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6	Environmental Monitoring	EMP costing	MoEFCC approved laboratory	15.47
7	Basement Ventilation	Basement Ventilation	20	1

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

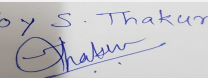
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

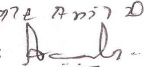
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	-
	Number and area of podia:	1 no. , 3479.73 m <sup>2</sup>
	Total Parking area:	24,865.80 m <sup>2</sup>
	Area per car:	24,865.80 m <sup>2</sup>
	Area per car:	24,865.80 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	30 / 25
	Number of 4-Wheelers as approved by competent authority:	2128
	Public Transport:	547
	Width of all Internal roads (m):	Internal road 12m wide and 6m wide driveway
	CRZ/ RRZ clearance obtain, if any:	No
	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	8 (a) B2

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	<b>Court cases pending if any</b>	No
	<b>Other Relevant Informations</b>	Project was considered in 99th SEIAA meeting where in the case was delisted until the case no. 241/2015 dated 21.01.2015 filed in the first class judicial Magistrate at Pune has been decided. Now case no. 241/2015 has received court order dated 23.05.2018,  We hereby request you to kindly consider our project in upcoming SEIAA meeting for the grant of EC.
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

**Environment Clearance for Residential and Commercial Development at Gat No. 669, Plot A Moshi Alandi Road, Off. Pune Nashik Highway, Pune by Ellora Buildwell Pvt. Ltd. (Owner) Ellora Home Makers Pvt. Ltd. (Developer) Ellora Fiesta.**

PP submitted their application for prior Environmental clearance for total plot area of 46614.00 Sq. Mtrs, BUA of 108401.03 Sq. Mtrs and FSI area of 52895.37 Sq. Mtrs and Non FSI area of 55505.66 sq mtrs. PP proposes to construct 11 no. of residential buildings, 1 amenity building and 1 club house.

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

***As per 90<sup>th</sup> meeting of SEIAA the case was deferred, SEAC has no authority to take decision of SEIAA minutes so committee decided to forward the case to SEIAA for further order.***

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

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

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 31 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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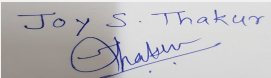
## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date October 15, 2018**

**Subject:** Environment Clearance for Submission of Application for Environmental Clearance for Expansion of Building Construction project on S. No.255/3A/1, 255/3A/2, 255/3B, 255/1, 255/1/1, 255/1/2, 255/1/3, 256/1/1, 256/2/2 & 256/2/1, Tal-Mulshi, Wakad,Pune

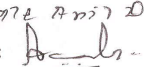
**Is a Violation Case:** No

<b>1.Name of Project</b>	"Kalpataru Exquisite"
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. Kalpataru Retail Ventures Pvt. Ltd.
<b>4.Name of Consultant</b>	VK:e Environmental LLP
<b>5.Type of project</b>	Housing project and Convenient shopping
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion in existing Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Yes. Environment Clearance obtained vide No. SEAC-III-2014/CR-386/TC-3 dated 18/07/2016
<b>8.Location of the project</b>	S. No.255/3A/1, 255/3A/2, 255/3B, 255/1, 255/1/1, 255/1/2, 255/1/3, 256/1/1, 256/2/2 & 256/2/1, Tal-Mulshi, Wakad,Pune
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Wakad
<b>Correspondence Name:</b>	M/s. Kalpataru Retail Ventures Pvt. Ltd.
<b>Room Number:</b>	603
<b>Floor:</b>	6th Floor
<b>Building Name:</b>	Mayfair Tower I
<b>Road/Street Name:</b>	Old Mumbai - Pune Road
<b>Locality:</b>	Wakadewadi, Shivajinagar
<b>City:</b>	Pune
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal Corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Received <b>IOD/IOA/Concession/Plan Approval Number:</b> Sanctioned No. B.P. /Environment/Wakad/05/2018 <b>Approved Built-up Area:</b> 97271.90
<b>13.Note on the initiated work (If applicable)</b>	Construction initiated on site after receipt of Environmental Clearance vide letter SEAC -III -2014/CR-386/TC-3
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	MHADA is included in Sanctioned Plan No. B.P. /Environment/Wakad/05/2018
<b>15.Total Plot Area (sq. m.)</b>	23740 sqm.
<b>16.Deductions</b>	880.64 sq.m.(Road set back + other )
<b>17.Net Plot area</b>	22859.36 sqm.
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 41,950.96 sqm. <b>b) Non FSI area (sq. m.):</b> 55320.94 sq.m. <b>c) Total BUA area (sq. m.):</b> 97271.90
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 41,950.96 sqm. <b>Approved Non FSI area (sq. m.):</b> 55320.94 sq.m. <b>Date of Approval:</b> 19-06-2018
<b>19.Total ground coverage (m2)</b>	2965.86 Sq.m
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	14.94%
<b>21.Estimated cost of the project</b>	2589800000

  
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**Signature:**   
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## 22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing 1 (Zenith)	3P+21	69.86
2	Wing 2 (Crescendo)	3P+21	69.86
3	Wing 3(Sierra)	3P+21	69.86
4	Wing 4 (Elita)	3P+21	69.86
5	Wing D (EWS)	G+11 (10 Nos. of Shops)	36.00
6	Club House	G+1	8.85

<b>23. Number of tenants and shops</b>	Tenements -598 , Shops - 10
<b>24. Number of expected residents / users</b>	Residential - 2990 , Commercial 30
<b>25. Tenant density per hectare</b>	510/Hec
<b>26. Height of the building(s)</b>	
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	24 m
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29. Existing structure (s) if any</b>	As per Environment Clearance obtained vide No. SEAC-III-2014/CR-386/TC-3 dated 18/07/2016 1)Bldg 1 - 8th Floor RCC in Process 2)Bldg 2 - 21st floor RCC in Process 3)EWS Building - 7th Floor RCC done 4)Substructure - 50% Substructure RCC work Done
<b>30. Details of the demolition with disposal (If applicable)</b>	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

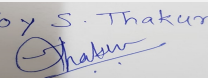
## 32. Total Water Requirement

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 33 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	Source of water	PCMC/Recycled water from STP							
	Fresh water (CMD):	272							
	Recycled water - Flushing (CMD):	138							
	Recycled water - Gardening (CMD):	33							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD):	449							
	Fire fighting - Underground water tank(CMD):	475							
	Fire fighting - Overhead water tank(CMD):	90							
	Excess treated water	159							
Wet season:	Source of water	PCMC/Recycled water from STP							
	Fresh water (CMD):	272							
	Recycled water - Flushing (CMD):	138							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD):	416							
	Fire fighting - Underground water tank(CMD):	475							
	Fire fighting - Overhead water tank(CMD):	90							
	Excess treated water	192							
Details of Swimming pool (If any)	Main Pool: 25m X 8m X 1.2m depth Kids Pool: 5m X 8m X 0.6m depth Total water Requirement: 264 Cum Water requirement for make-up: 6 m3/day Capital Cost: Rs. 1,05,00,000/- O & M Cost: Rs. 5,76,000/- per annum								

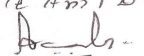
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	Not applicable	272	272	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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Gardening	Not applicable	33	33	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	Not applicable	410	410	Not applicable	42	42	Not applicable	368	368

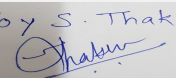
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Water Level not encountered
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not applicable
	<b>Location of the RWH tank(s):</b>	Not applicable
	<b>Quantity of recharge pits:</b>	8
	<b>Size of recharge pits :</b>	3 X 3 X 3 Mt. And 2 X 0.9 X 2 Mt.
	<b>Budgetary allocation (Capital cost) :</b>	28 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.48 Lakhs / annum
<b>Details of UGT tanks if any :</b>	EWS Drinking: 26 CuM Domestic : 58 CuM Fire : 75 CuM Building : 1,2,3,4 Drinking: 90 CuM Domestic : 234 CuM Fire : 400 CuM Flushing : 138 CuM	

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Through Gravity, as per contour
	<b>Quantity of storm water:</b>	0.615 m3/sec
	<b>Size of SWD:</b>	2Nos X 600 mm Pipe

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	368
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 Nos. - 380 m3/day
	<b>Location &amp; area of the STP:</b>	Locations are as per master layout ; 174.13 sqm
	<b>Budgetary allocation (Capital cost):</b>	100 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	9 Lakh/year

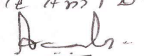
### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	12 Kg/day
	<b>Disposal of the construction waste debris:</b>	Excavated earth material will be used for filling of plinth area & top soil for Landscaping

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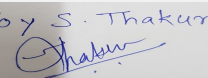
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<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	603 Kg/day
	<b>Wet waste:</b>	900 Kg/day
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	171 Kg/day
	<b>Others if any:</b>	E Waste : Residential 0.5 Kg/Person/year ; Commercial 1 Kg/Person/year
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recycler (SWaCH) for further handling & disposal purpose
	<b>Wet waste:</b>	Through Mechanical Composter (Smart OWC)
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for gardening purpose or will be disposed off as per CPHEEO manual on sewerage & sewage treatment system be used as manure for Landscaping
	<b>Others if any:</b>	E-Waste : Handed over to authorized recycler (SWaCH) for further handling & disposal purpose
<b>Area requirement:</b>	<b>Location(s):</b>	As per master layout
	<b>Area for the storage of waste &amp; other material:</b>	20 sqm
	<b>Area for machinery:</b>	55 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	37.05 Lakh
	<b>O &amp; M cost:</b>	1.81 Lakh/year

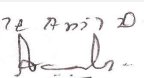
### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.0 - 8.5	5.5 - 9.0	6.5 - 9.5
2	Oil & Grease	mg/l	10.0-20.0	<10	<10
3	Biological Oxygen Demand	mg/l	200-250	<10	<50
4	Chemical Oxygen Demand	mg/l	350-450	<50	<30
5	Total Suspended Solid	mg/l	150-200	<10	<20
6	Total Nitrogen	mg/l	40-50	<10	<10
7	Nitrate	mg/l	15-16	<5	<5
8	Dissolve PO <sub>4</sub>	mg/l	13-15	<5	<5
9	Fecal Coliform	MPN/100 ml	10 <sup>6</sup>	NIL	<100
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			

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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	250 Kva	Diesel 53.3 lit/hr	1	5	0.152	438°C
2	125 Kva	Diesel 27 lit/hr	2	5	0.152	438°C
3	250 Kva	Diesel 53.3 lit/hr	3	5	0.152	438°C

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	2X250KVA- 53.3 litre/hr @ 100% Loading, 1X125KVA- 27litre/hr @ 100 % Loading	133.6 litre/hr

41.Source of Fuel

Authorized Dealer

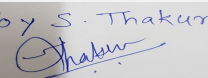
42.Mode of Transportation of fuel to site

Barrels in Closed Tampo - By Road

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2286.49 sqm i.e 10% of net plot area
	<b>No of trees to be cut :</b>	No. of Trees to be cut - 10 ; No. of trees to be transplanted - 7
	<b>Number of trees to be planted :</b>	(existing (2) +transplanted (7)+ Compensation for cutting trees(30)+ proposed new trees(273)) = 312
	<b>List of proposed native trees :</b>	Kadamba,Neem,Apta/Kanchanar,Bahava,Guava,Mulberry,Amla,Trumpet tree,Copperpod,Mango,Jambhul
	<b>Timeline for completion of plantation :</b>	6 month after Project Completion

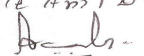
### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephalus cadamba	Kadamba	25	Medicinal value. To control soil erosion, Birds, squirrels, monkey eat fruits
2	Azadirachta indica	Neem	32	Medicinal value. To control soil erosion. Pest and disease control
3	Bauhinia purpurea	Apta / Kanchanar	25	Native, quick growing, flowering, attracts birds, butterflies, bees

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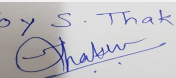
4	Cassia fistula	Bahava	42	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
5	Putranjiva roxburgii	Putranjiva	30	Evergreen, Ornamental, medicinal, attracts birds
6	Psidium guajava	Guava	17	Fruit bearing, attracts bees
7	Morus alba	Mulberry	15	Fruit bearing, Ornamental, Timber, attracts butterflies, evergreen
8	Emblica officinalis	Amla	20	Medicinal value, Bird attracting species
9	Tabebuia argentea	Trumpet tree	33	Quick growing, flowering, attracts bees
10	Peltophorum pterocarpum	Copperpod	22	Evergreen, ornamental, timber products
11	Mangifera indica	Mango	20	Fruit bearing, evergreen , medicinal, birds attracting
12	Syzygium cumini	Jambhul	22	Evergreen, attracts birds, bees, native, 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:**

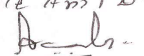
Serial Number	Name	C/C Distance	Area m2
1	Adhatoda vasica	0.45	56
2	Allamanda cathartica	0.3	168.55
3	Bougainvillea spectabilis	0.6	217
4	Cassia auriculata	0.6	126
5	Plumbago zeylanica	0.45	234
6	Tabernaemontana coronaria	0.45	165
7	Tecoma gaudichaudi	0.6	143
8	Vitex negundo	0.6	48
9	Murraya paniculata	0.45	142
10	Ixora coccinea	0.45	140

**47.Energy**

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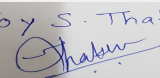
<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	76.75 KW
	<b>DG set as Power back-up during construction phase</b>	125 Kva
	<b>During Operation phase (Connected load):</b>	4465.17 KW
	<b>During Operation phase (Demand load):</b>	2588.55 KVA
	<b>Transformer:</b>	(630 KVA X 4 )
	<b>DG set as Power back-up during operation phase:</b>	(250 KVA X 2 ) + (125 KVA X 1)
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not applicable

#### 48. Energy saving by non-conventional method:

Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T8 fixture with Electronic Ballast for Common Area. : 111000.2 Kwh/Annum  
 Energy Saving using Automatic Timer operation Against Manual operation for External & Common Area Lighting : 39986.97 Kwh/Annum  
 Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T5 fixture with Electronic Ballast for Flat internal point. : 151488 Kwh/Annum  
 Energy Saving using Solar Water Heater Against Electrical water Heater : 295620 Kwh/Annum  
 Energy Saving using CO level based Control Fans Against 24 hrs. running Fans without control in Basement Ventilation System : 118260 Kwh/Annum  
 Energy saving using Low Loss Transformer Against Conventional Transformer : 14016 Kwh/Annum

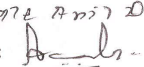
#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T8 fixture with Electronic Ballast for Common Area.	47.88%
2	Energy Saving using Automatic Timer operation Against Manual operation for External & Common Area Lighting	37.44%
3	Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T5 fixture with Electronic Ballast for Flat internal point	37.50%
4	Energy Saving using Solar Water Heater Against Electrical water Heater	74.29%
5	Energy Saving using CO level based Control Fans Against 24 hrs. running Fans without control in Basement Ventilation System	75.00%
6	Energy saving using Low Loss Transformer Against Conventional Transformer	5.00%
7	Total Energy Saved	16.10%

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50.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Effluent	Not applicable	STP
Biodegradable waste	Not applicable	OWC
DG Set	Not applicable	Installing DG Set which complies to CPCB norms
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	74.5 Lakh
	O & M cost:	1.9 Lakh/year

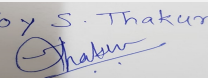
## 51.Environmental Management plan Budgetary Allocation

### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression , Air & Noise Monitoring	0.92
2	Water	Tanker Water For Construction, Water Monitoring	4.90
3	Land	Site Sanitation, Mobile toilets	3.37
4	Socio-Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Personal Protective Equipment	3.50
5	DMP	Disaster Management Plan	10.8

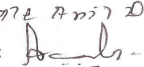
### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Including external drainage connection, 1 no STP cost considered	100	9.00
2	Rain Water Harvesting	Based on GeoHydrology Report, 8 no pit will be provided	28.00	0.48
3	Storm Water Networking	To assure proper disposal of Storm Water	67.77	3.39
4	Landscape	As required by the authorities to help environment	738.31	36.92
5	Energy	With all said energy saving measures like solar panels and solar water heaters	74.50	1.90
6	Environmental Monitoring	Air,Noise,Water,Effluent tests as per government norms	Not applicable	2.95

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 Shri. Anil Kale (Chairman  
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7	Solid Waste Management	To assure proper disposal of Dry and Wet Waste, 1 no OWC will be provided	37.05	1.81
8	Swimming Pool	To assure proper Maintenance of the same	105	5.76

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

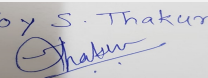
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

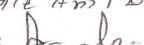
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	As per Parking & Traffic Management Plan
Parking details:	Number and area of basement:	1 Nos. 11226.21 Sq.m
	Number and area of podia:	1 Nos. - 11226.21 Sq.m
	Total Parking area:	23402.88 Sq.m
	Area per car:	12.5 sqm
	Area per car:	12.5 sqm
	Number of 2-Wheelers as approved by competent authority:	1220
	Number of 4-Wheelers as approved by competent authority:	318
	Public Transport:	Bus Stop is Available
	Width of all Internal roads (m):	7.5m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable

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	<b>Category as per schedule of EIA Notification sheet</b>	B2
	<b>Court cases pending if any</b>	Not applicable
	<b>Other Relevant Informations</b>	Not applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

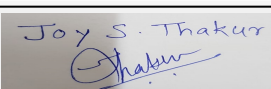
**Environment Clearance for Expansion of Building Construction project "Kalpataru Exquisite" on S. No.255/3A/1, 255/3A/2, 255/3B, 255/1, 255/1/1, 255/1/2, 255/1/3, 256/1/1, 256/2/2 & 256/2/1, Tal-Mulshi, Wakad,Pune by M/s. Kalpataru Retail Ventures Pvt. Ltd.**

The Committee noted that the PP holds previous EC dt. 18.07.2016 for TBUA of 59733.74 m2 and now applied for expansion.

Now, PP submitted their application for prior Environmental clearance for total plot area of 23740 Sq. Mtrs, BUA of 97271.90 Sq. Mtrs and FSI area of 41950.96 Sq. Mtrs and Non FSI area of 55320.94 sq mtrs. PP proposes to construct 5 no. of residential buildings (wings), & 1 club house.

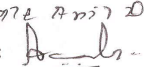
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8 (a) B2.

### DECISION OF SEAC

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

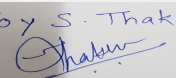
**Specific Conditions by SEAC:**

- 1) PP to submit plan for sewer line connectivity up to final disposal point. Also submit the inverts level of Municipal sewer line.
- 2) PP to submit revised drawing of SWD up to disposal line along with chamber details, silt chamber also submit details of RWH recharge pit.
- 3) PP to submit parking layout plan for all 3 level by removing dependent parking of car as well as 2 wheeler.
- 4) 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. With details of fund utilization & agreement with executor.
- 5) PP to submit revised parking statement.
- 6) PP to submit CFO NOC.
- 7) Non-biodegradable waste disposal and E waste NOC.
- 8) PP to submit six monthly compliance report.
- 9) PP to submit revised STP drawing considering aeration tank above the ground level.
- 10) PP to submit revised RG drawing also submit list of tree species.

**FINAL RECOMMENDATION**

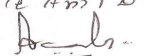
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-00000000148

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## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

**Subject:** Environment Clearance for Amendment of Wipro Ltd. at Plot No. 31, Rajiv Gandhi Infotech Park, Hinjewadi, MIDC Phase II, Pune

**Is a Violation Case:** No

<b>1.Name of Project</b>	Amendment of Wipro Ltd. at Plot No. 31, Rajiv Gandhi Infotech Park, Hinjewadi, MIDC Phase II, Pune
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Sunil Kumar Debta
<b>4.Name of Consultant</b>	MITCON Consultancy & Engineering Services Ltd.
<b>5.Type of project</b>	Others
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Amendment in Existing Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	EC obtained vide No. 21-168/2008-IA.III/TC1 dated 04/06/2009
<b>8.Location of the project</b>	Plot No. 31, Rajiv Gandhi Infotech Park, Hinjewadi, MIDC Phase II, Pune
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Hinjewadi
<b>Correspondence Name:</b>	Mr. Sunil Kumar Debta
<b>Room Number:</b>	NA
<b>Floor:</b>	NA
<b>Building Name:</b>	NA
<b>Road/Street Name:</b>	Rajiv Gandhi Infotech Park
<b>Locality:</b>	Hinjewadi, MIDC Phase II
<b>City:</b>	Pune
<b>11.Area of the project</b>	Hinjewadi, MIDC Phase II
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	EE IT Plan D 36522 6/11/2015 <b>IOD/IOA/Concession/Plan Approval Number:</b> EE IT Plan D 36522 6/11/2015 <b>Approved Built-up Area:</b> 120949.99
<b>13.Note on the initiated work (If applicable)</b>	Software Development Block 4 & Logistic Block - Completed
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	EE IT Plan D 36522 6/11/2015
<b>15.Total Plot Area (sq. m.)</b>	199934.05 Sq. m.
<b>16.Deductions</b>	19934.05 Sq. m.
<b>17.Net Plot area</b>	180000.0 Sq. m.
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 63704.28 <b>b) Non FSI area (sq. m.):</b> 84335.42 <b>c) Total BUA area (sq. m.):</b> 148039.7
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 63704.28 Sq. m. <b>Approved Non FSI area (sq. m.):</b> 84335.42 <b>Date of Approval:</b> 06-11-2015
<b>19.Total ground coverage (m2)</b>	44920.44
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	40.0
<b>21.Estimated cost of the project</b>	56300000

## 22.Number of buildings & its configuration

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 44 of 144</b>	<b>Name:</b> K. Anil Kale <b>Signature:</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Middle Block	G+8	38
2	Logistic Block	G+2	14
3	Software Development Block 4	G+9	45
4	Software Development Block 5	G+9	41
5	MLCP	L1+L2+G+6	32

23.Number of tenants and shops	NA
24.Number of expected residents / users	7000
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))	12.0 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12.0 m
29.Existing structure (s) if any	SDB 4, Logistics 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

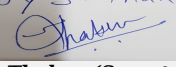
### 32.Total Water Requirement

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 45 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	386.0
	Recycled water - Flushing (CMD):	350.0
	Recycled water - Gardening (CMD):	190.0
	Swimming pool make up (Cum):	0.0
	Total Water Requirement (CMD) :	926.0
	Fire fighting - Underground water tank(CMD):	350.0
	Fire fighting - Overhead water tank(CMD):	0.0
	Excess treated water	386.0
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	386.0
	Recycled water - Flushing (CMD):	350.0
	Recycled water - Gardening (CMD):	0.0
	Swimming pool make up (Cum):	0.0
	Total Water Requirement (CMD) :	736.0
	Fire fighting - Underground water tank(CMD):	350.0
	Fire fighting - Overhead water tank(CMD):	0.0
	Excess treated water	386.0
Details of Swimming pool (If any)	NA	

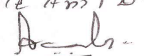
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0.0	350.0	350.0	0.0	35.0	35.0	0.0	315.0	315.0
Cooling tower & thermopack	0.0	120.0	0.0	0.0	120.0	120.0	0.0	0.0	0.0
Gardening	0.0	190.0	190.0	0.0	190.0	190.0	0.0	0.0	0.0

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Fresh water requirement	0.0	386.0	386.0	0.0	38.6	38.6	0.0	347.4	347.5
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	6-7 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	1 Nos. having 3000 m3 capacity & 2000 m3 RCC Tank
	<b>Location of the RWH tank(s):</b>	Near main entry gate
	<b>Quantity of recharge pits:</b>	2 Nos.
	<b>Size of recharge pits :</b>	2m x 2m x 2m
	<b>Budgetary allocation (Capital cost) :</b>	30.0 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	2.5 Lakhs/yr
	<b>Details of UGT tanks if any :</b>	Domestic UG Tank: 500000 Lits. Flushing UG Tank: 200000 Lits. Fire UG Tank: 300000 Lits.

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Slope from West to East Direction
	<b>Quantity of storm water:</b>	0.27 m3/sec
	<b>Size of SWD:</b>	350 mm x 350 mm

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	662.5
	<b>STP technology:</b>	MBR
	<b>Capacity of STP (CMD):</b>	1 No. having 700.0 m3/d capacity
	<b>Location &amp; area of the STP:</b>	Near Utility Block
	<b>Budgetary allocation (Capital cost):</b>	180 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	30.0 Lakhs/yr

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	90.0 Kg/d
	<b>Disposal of the construction waste debris:</b>	Will be used for levelling & back filling low laying areas
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1800.0 Kg/day
	<b>Wet waste:</b>	1200.0 Kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	200.0 Kg/d
	<b>Others if any:</b>	E - Waste = 16.7 Kg/day

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to authorized recycling vendor
	<b>Wet waste:</b>	Will be composted on site by OWC
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be composted on site & used as manure for gardening
	<b>Others if any:</b>	E - Waste will be handed over to authorized recycler/reprocessor
<b>Area requirement:</b>	<b>Location(s):</b>	Near STP
	<b>Area for the storage of waste &amp; other material:</b>	12.0 Sq. m.
	<b>Area for machinery:</b>	25.0 Sq. m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	25.0 Lakhs
	<b>O &amp; M cost:</b>	2.2 Lakhs/yr

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	6.0-8.0	7.0	6.5-9.0
2	BOD	mg/l	250.0	<20.0	30.0
3	SS	mg/l	250.0	<100.0	100.0
4	Detergent	mg/l	2.0-3.0	<1.0	1.0
5	COD	mg/l	200.0-500.0	<30.0	250.0
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

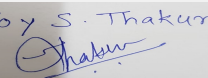
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set (2000 KVA x 3 Nos., 1500 KVA x 1 No., 100 KVA x 1 No.)	HSD	3	30.0	0.4	110 degree celcius

### 40. Details of Fuel to be used

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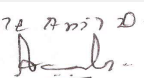


Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0.0	550 lit/hr	550 lit/hr
41.Source of Fuel		Local Vendor		
42.Mode of Transportation of fuel to site		By Road		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	16000.0 Sq. m.		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	1225		
	<b>List of proposed native trees :</b>	Attached		
	<b>Timeline for completion of plantation :</b>	1 Year		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	150	Medicinal Plant
2	Lagestromia thorellia	Common Crape Myrtle	135	Flowering Tree
3	Peltophorum	Copperpod	135	Flowering Tree
4	Spathodia companulata	African tuliptree	135	Flowering Tree
5	Michelia champaka	Champa	135	Flowering Tree
6	Delonix regia	Flame tree	130	Flowering Tree
7	Alistonia scholaris	Blackboard tree	135	Shady Tree
8	Grevillea robusta	Silver oak	135	Deciduous Tree
9	Bahunia blackiana	Orchid Tree	135	Flowering Tree
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
<b>47.Energy</b>				

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	450 KVA
	<b>DG set as Power back-up during construction phase</b>	125 KVA x 3 Nos.
	<b>During Operation phase (Connected load):</b>	9000 KVA
	<b>During Operation phase (Demand load):</b>	8399 KVA
	<b>Transformer:</b>	2000 KVA x 2 Nos.
	<b>DG set as Power back-up during operation phase:</b>	2000 KVA x 3 Nos., 1500 KVA x 1 No., 100 KVA x 1 No.
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48. Energy saving by non-conventional method:

1. Received Green Building Certification-Gold Group
2. Minimize use of air conditioning & maximize use of natural lighting & ventilation
3. Use of LED fittings
4. Sunscreen films on windows to reduce heating inside the buildings

#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Minimize use of air conditioning & maximize use of natural lighting & ventilation, Use of LED fittings, Sunscreen films on windows to reduce heating inside the buildings	2.3 %

#### 50. Details of pollution control Systems

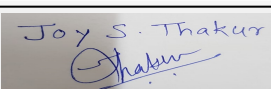
Source	Existing pollution control system	Proposed to be installed
DG Sets	NA	Acoustic Enclosure & Stack

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	45.0 Lakhs
	<b>O &amp; M cost:</b>	3.5 Lakhs/yr

### 51. Environmental Management plan Budgetary Allocation

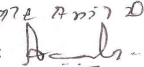
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental Monitoring	Air, Water, Noise, Soil	6.0
2	Safety Measures	Safety Measures	45.0
3	Site Sanitation	Site Sanitation	5.0

  
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4	Water for Dust Suppression and barricading top soil	Water for Dust Suppression and barricading top soil	10.0
5	Health Check-up	First Aid Facilities	2.5
6	Disinfection	Pest Control	3.0

**b) Operation Phase (with Break-up):**

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, Manure	0.0	5.0
2	STP	STP	180.0	30.0
3	Gardening	Greenbelt Development & Landscaping	35.0	2.2
4	Solid Waste Management	OWC	25.0	2.2
5	Non Conventional Energy	Energy Saving	45.0	3.5
6	Rain Water Harvesting	Rain Water Harvesting	40.0	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

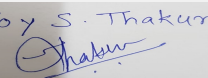
**52.Any Other Information**

No Information Available

**53.Traffic Management**

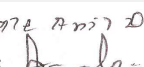
Nos. of the junction to the main road & design of confluence:	1
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<b>Parking details:</b>	<b>Number and area of basement:</b>	2 Nos. of Basements
	<b>Number and area of podia:</b>	2 Nos. platform, area 9 Sq. Mtr. each
	<b>Total Parking area:</b>	84335.42
	<b>Area per car:</b>	12.5 Sq. m.
	<b>Area per car:</b>	12.5 Sq. m.
	<b>Number of 2-Wheelers as approved by competent authority:</b>	294
	<b>Number of 4-Wheelers as approved by competent authority:</b>	3266
	<b>Public Transport:</b>	100 Nos. for Pick up & Drop buses
	<b>Width of all Internal roads (m):</b>	6.0
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	Category 8(a)- Building & Construction Project
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Total DG backup requirement as per earlier EC was 1500 KVA x 6 Nos. Now the above requirement has changed to 2000 KVA x 3 Nos., 1500 KVA x 1 No. & 100 KVA x 1 No. (For fire fighting equipment's) Rest all details are the same except the capacity of DG Sets.
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

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**Name:** K 072 Anil D.  
**Signature:**   
**Shri. Anil Kale (Chairman SEAC-III)**

**Environment Clearance for Amendment of at Plot No. 31, Rajiv Gandhi Infotech Park, Hinjewadi, MIDC Phase II, Pune by Wipro Ltd.**

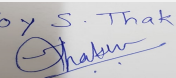
The Committee noted that the PP holds pervious EC vide No. 21-168/2008-IA.III/TC1 dated 04/06/2009. Now the PP had applied for amendment in EC pursuant to change in DG set configuration from 9000 KVA capacity to 13600 KVA capacity.

The total plot area is 199934.05 Mtrs, BUA of 148039.7 Sq. Mtrs and FSI area of 63704.28 Sq. Mtrs and Non FSI area of 84335.42 sq mtrs.

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.

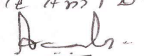
**DECISION OF SEAC**

SEAC-AGENDA-0000000119

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

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

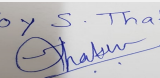
**After deliberation, Committee asked PP to submit EIA report including all above points for further discussion and consideration of SEAC. PP requested for time to submit above information.**

**Specific Conditions by SEAC:**

- 1) 1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) 2. PP to submit condition wise compliance report of earlier EC conditions.
- 3) 3. PP to submit architect certificate of work initiated on site as per earlier EC.
- 4) 4. PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 5) 5. PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.
- 6) 6. PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels & calculations of energy saving; PP to submit energy modelling with write-up support to this.
- 7) 7. PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 8) 8. PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. 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. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 9) 9. PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 10) 10. PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 11) 11. PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 12) 12. PP to submit parking area statement as per DCR.
- 13) 13. PP to submit cross section of basement showing width and slope of ramp.
- 14) 14. PP to submit details of basement parking.
- 15) 15. PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
- 16) 16. PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 17) 17. PP to carry out fugitive dust monitoring by using local meteorological data.
- 18) 18. PP to submit waste management plan details with its 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 submit OWC details.
- 19) 19. PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 20) 20. PP to submit disaster management plan.
- 21) 21. PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
- 22) 22. PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 23) 23. PP to submit phase wise development plan considering wind rose diagram.
- 24) 24. PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
- 25) 25. PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 26) 26. PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 27) 27. PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 28) 28. PP to submit details of 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
- 29) 29. PP to submit details hydro geological survey report with graphs & data.
- 30) 30. PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 31) 31. PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 32) 32. PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 33) 33. PP to carry out 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.
- 34) 34. PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 35) 35. PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 36) 36. PP shall submit details pertaining to change in DG set configuration from 9000 KVA capacity to 13600 KVA capacity. The details shall include air dispersion modelling, mitigation plan for emissions and noise pollution, storage of fuel etc.
- 37) 37. PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
- 38) 38. PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.

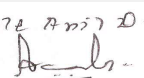
**FINAL RECOMMENDATION**

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.

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

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**Name: K 072 Anil D.**  
  
**Signature: Shri. Anil Kale (Chairman  
SEAC-III)**

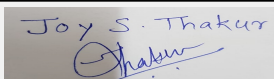
## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date October 15, 2018**

**Subject:** Environment Clearance for Proposed residential & commercial construction project

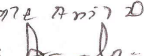
**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed residential & commercial construction project at S.No.10, Hissa No. 1+2/2, Mohammadwadi, Pune by Plant I Estates
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Gunesh Sancheti
<b>4.Name of Consultant</b>	EMP 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)
<b>5.Type of project</b>	Housing Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	S.No.10, Hissa No. 1+2/2
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Mohammadwadi
<b>Correspondence Name:</b>	Mr. Gunesh Sancheti
<b>Room Number:</b>	D-605
<b>Floor:</b>	F.P.No.411
<b>Building Name:</b>	Business court
<b>Road/Street Name:</b>	Mukund Nagar
<b>Locality:</b>	Gultekdi
<b>City:</b>	Pune
<b>11.Area of the project</b>	Pune Municipal Corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	IOD is in process from Pune Municipal Corporation
	<b>IOD/IOA/Concession/Plan Approval Number:</b> IOD is in process from Pune Municipal Corporation
	<b>Approved Built-up Area:</b>
<b>13.Note on the initiated work (If applicable)</b>	No construction work is initiated for proposed construction
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	IOD / Plan sanctioning is required from Pune Municipal Corporation
<b>15.Total Plot Area (sq. m.)</b>	8000.00
<b>16.Deductions</b>	1200
<b>17.Net Plot area</b>	6800
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 15265.00
	<b>b) Non FSI area (sq. m.):</b> 10,451.37
	<b>c) Total BUA area (sq. m.):</b> 25716.37
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b> 01-01-1900
<b>19.Total ground coverage (m2)</b>	2059.23
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	30.28 %
<b>21.Estimated cost of the project</b>	600000000

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

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**Name:** K. Anil Kale  
**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 (Residential)	LG + UG + 12 Floor	39.90
2	B (Residential)	LG + UG + 12 Floor	39.90
3	C (Residential)	LG + UG + 12 Floor	39.90
4	D (Commercial)	B + LG + UG + 3 Floor	14.70
5	Club House	G + 1 Floor	7.5 m

<b>23. Number of tenants and shops</b>	Tenements: 191, Shops: 13, Offices: 26, Restaurant: 2
<b>24. Number of expected residents / users</b>	Residential = 955 , Shops = 532
<b>25. Tenant density per hectare</b>	250 / hectore
<b>26. Height of the building(s)</b>	
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	12 m.
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Turning radius for easy access of fire tender movement from all around the building is 9 m
<b>29. Existing structure (s) if any</b>	Nil
<b>30. Details of the demolition with disposal (If applicable)</b>	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

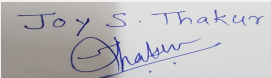
 <b>Joy S. Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 56 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	106							
	Recycled water - Flushing (CMD):	56							
	Recycled water - Gardening (CMD):	6							
	Swimming pool make up (Cum):	0.37							
	Total Water Requirement (CMD) :	168							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	60							
	Excess treated water	88							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	106							
	Recycled water - Flushing (CMD):	56							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0.37							
	Total Water Requirement (CMD) :	162							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	60							
	Excess treated water	94							
Details of Swimming pool (If any)	<p>Dimensions of Mains pool: 26' X 13'  Total Water Requirement: 31.40 SQ. M.  WATER CAPACITY FOR SWIMMING POOL = 37856 L/DAY , MAKEUP WATER REQUIREMENT = 378.56 L/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  1. pH 7.2 7.6  2. Chlorine level 1 to 1.5 mg/l  Capital Cost: Rs. 9 lakh  O &amp; M Cost: Rs. 2.4 / Annum</p>								

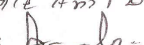
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									

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

Domestic	Not applicable	106	106	Not applicable	10	10	Not applicable	96	96
Gardening	Not applicable	6	6	Not applicable	Not applicable	Not applicable	Not applicable	6	6

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	21 to 26 Mt. below ground level
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	4
	<b>Size of recharge pits :</b>	1.5m x 1.5m x 1.5m
	<b>Budgetary allocation (Capital cost) :</b>	3,00,000.00
	<b>Budgetary allocation (O &amp; M cost) :</b>	12,000.00
	<b>Details of UGT tanks if any :</b>	UGT DETAILS :- FOR DOMESTIC (1.5 DAYS) 150000 Lit (Residential) , 10000 Lit (Commercial) FOR FIRE FIGHTING 225000 (Residential + commercial) FOR FLUSHING 42975 lit (Residential), 15960 Lit (Commercial)

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NORTH TO SOUTH (102 TO 109) 7 MT. DIFFERENCE
	<b>Quantity of storm water:</b>	4679 cu.mt (annual )
	<b>Size of SWD:</b>	300 MM

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	147
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	150 KLD
	<b>Location &amp; area of the STP:</b>	Location of STP will be opposite bldg C
	<b>Budgetary allocation (Capital cost):</b>	21, 00, 000.00
	<b>Budgetary allocation (O &amp; M cost):</b>	7,00,000.00 / Annum

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Waste will be generate at construction phase. Debris will be generated during excavation activity. Some municipal solid waste & biodegradable waste will be generated due to construction activity & labour camp.
	<b>Disposal of the construction waste debris:</b>	This material shall be used for back filling and leveling of the plot and remaining will be send to authorized vendor

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	271 KG/DAY
	<b>Wet waste:</b>	340 KG/DAY
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	22.5 kg/day
	<b>Others if any:</b>	Not Applicable

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SWACH.
	<b>Wet waste:</b>	Will be treated in organic waste converter
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for landscaping after treatment.
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Opposite wing C
	<b>Area for the storage of waste &amp; other material:</b>	8.19 Sq. M.
	<b>Area for machinery:</b>	28 Sq. M.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	1300000.00
	<b>O &amp; M cost:</b>	300000.00

### 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

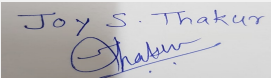
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	-	20.2 lit/hr	1	4.22 mt	-	-

### 40. Details of Fuel to be used

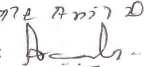
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel for DG Set	Not applicable	Not applicable	20.2 lit./hr @ 75% Loading

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

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

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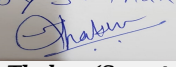
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**Name: K. Anil Kale**  
**Signature: **  
**Shri. Anil Kale (Chairman SEAC-III)**

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	800 SQM
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	125
	<b>List of proposed native trees :</b>	Attached as annexure with form 1
	<b>Timeline for completion of plantation :</b>	3 to 5 years

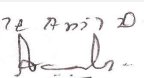
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthusexcelsa	Maharukh	06	Medicinal value, Drought tolerant species
2	Albizialebek	Shirish	06	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds )
3	Cordiadichotoma	Bhokar	06	Medicinal value, Edible fruits,
4	Bauhiniablackiana	Kanchanraj	06	Every part of the plant is medicinal, Drought tolerant species
5	Ficusglomerata	Umber	05	Medicinal value, Edible fruits, Bird attracting species
6	Buteamonosperma	Palas	05	Medicinal value, Bird attracting species , To control soil erosion.
7	Syzygiumcumini	Jamun	04	Medicinal value, Edible fruit.
8	Anthocephaluskadamba	Kadamb	09	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
9	Azardirachtaindica	Neem	06	Medicinal value, To control soil erosion. To improve soil erosion
10	Dalbergiasissoo	Shisav	06	Medicinal value, Bird attracting species
11	Ficusarnottiana	Payar	05	Drought tolerant species, Bird attracting species. To control soil erosion
12	Bauhiniapurpurea	Gulabi kanchan	06	Every part of the plant is medicinal, Drought tolerant species
13	Ficusretusa	Nandruk	06	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
14	Pongamiapinnata	Karanj	10	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
15	Mangiferaindica	Mango	06	Edible fruit, Bird attracting species.
16	Micheliachampaca	Sonchafa	05	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
17	Phyllanthusemblica	Awala	05	Medicinal value, To control soil erosion

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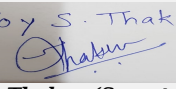
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18	Saracaindica	Sita-ashok	05	Medicinal value, Religious plant
19	Caryotaurens	Fishtail palm	18	Grown in any type of soil. Very Hardy.

**45.Total quantity of plants on ground**

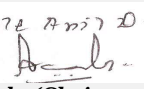
**46.Number and list of shrubs and bushes species to be planted in the podium RG:**

Serial Number	Name	C/C Distance	Area m2
1	Nerium olender pink	1'6"	57 SFT
2	Adathoda vasica	1'6"	57 SFT
3	Cassia auriculata	1'0"	57 SFT
4	Cymopogon floxsus	1'0"	57 SFT
5	Plumbago capensis	1'0"	57 SFT
6	Tabernaemontana coronaria variegated	1'0"	57 SFT
7	Stachytarpheta indica	1'0"	57 SFT
8	Stachytarpheta indica	1'0"	57 SFT
9	Cestrum nocturnum	1'0"	57 SFT
10	Belloperone gutta	1'0"	57 SFT
11	Jasminum sambac	1'0"	57 SFT
12	Hedychium flavescens	1'0"	57 SFT
13	Calliandra emarginata	1'6"	57 SFT
14	Cassia biflora	1'0"	57 SFT
15	Ficus benjamina black	2'0"	57 SFT
16	Ficus benjamina starlight	2'0"	57 SFT
17	Alpinia specious	1'0"	57 SFT
18	Euphorbia carcasana	1'6"	57 SFT
19	Psuedoerenthemum reticulum	1'0"	57 SFT
20	Heliconia psittacorum	1'0"	57 SFT
21	Acalypha wilkesiana	1'0"	57 SFT
22	Murraya exotica	2'0"	57 SFT
23	Ailamanda nerifolia	1'0"	57 SFT
24	Hibiscus rosea simensis	2'0"	57 SFT
25	Ceasalpinia pulchirrima	2'0"	57 SFT
26	Ceasalpinia pulchirrima	2'0"	57 SFT
27	Ixora dufii red	2'0"	57 SFT
28	Lagestromia indica	1'6"	57 SFT
29	Lantana camera	1'0"	57 SFT
30	Eranthemum laxiflorum	1'0"	57 SFT
31	Galphimia glauca	1'0"	57 SFT
32	Vitex negundo	1'0"	57 SFT
33	Caesalpinia bonduc	2'0"	57 SFT
34	Ziziphus mauritiana	2'0"	57 SFT
35	Cassia tora	1'6"	57 SFT
36	Passiflora edulis	1'0"	57 SFT

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37	Clematis gauriana	1'0"	57 SFT
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### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	75 KW
	<b>DG set as Power back-up during construction phase</b>	25 KVA
	<b>During Operation phase (Connected load):</b>	1567 KW
	<b>During Operation phase (Demand load):</b>	907 KW
	<b>Transformer:</b>	630 X 1 KVA, 315 X 1 KVA
	<b>DG set as Power back-up during operation phase:</b>	125 KVA X 1 No
	<b>Fuel used:</b>	HSD
<b>Details of high tension line passing through the plot if any:</b>	Not Applicable	

### 48. Energy saving by non-conventional method:

The following Energy Conservation Methods are proposed

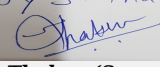
- 1) Auto Timer control for external & Common lighting
- 2) Use of CFL / LED lamps in all public/ common areas.
- 3) Solar powered water heating .
- 4) Electronic V3F Drives for Elevators
- 5) Solar PV Panel power for common area lighting.

### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	12150 KWH / Anum
2	Timer Logic Controller	31897 KWH / Anum
3	Electronic V3F drive for Lifts	15793 KWH / Anum
4	Solar Water Heater	332340 KWH / Anum
5	Total	392180 KWH / Anum ( 11.08 % )

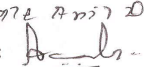
### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste water generation	Not applicable	STP of 150 KLD will be installed
Biodegradable waste generation	Not applicable	OWC of capacity 340 KG/ day will be installed
Noise generation from DG set	Not applicable	Acoustic enclosure for DG set. Stack height as per CPCB norms

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Air & noise pollution due to vehicles	Not applicable	Tree plantation along with compound
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<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	4700000.00
	<b>O &amp; M cost:</b>	200000.00

## 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 sprinkling for dust suppression measures	0.4
2	Site Safety	Barricades & nets	0.3
3	Site Sanitation	Mobile Toilets	0.8
4	Disinfection & Health Check Up	For Labors	0.75
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.3

### 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	4 Rain water harvesting pits	3.00	0.12
2	Storm water	Storm water internal networking	11.00	0.12
3	waste water	STP of 150 KLD will be installed	21.00	7.00
4	Energy	solar water heater & street lightning	47.00	2.00
5	Land Environment	125 trees will be planted	14.00	2.00
6	Solid waste managment	OWC machine will be installed to treat biodegradable waste	13.00	3.00
7	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure, six monthly compliance etc	-	2.60
8	Safety training and awareness	Mock up drill & awareness, training	5.00	1.00

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

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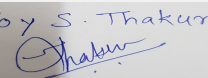
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

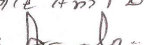
### 53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	Number of basement is 1, Area for basement is 723.42 SQM
	Number and area of podia:	NA
	Total Parking area:	7318.20 SQM
	Area per car:	35 Sqm/car for basement, 30 Sqm for ground floor, 25 Sqm for open car parking
	Area per car:	35 Sqm/car for basement, 30 Sqm for ground floor, 25 Sqm for open car parking
	Number of 2-Wheelers as approved by competent authority:	612
	Number of 4-Wheelers as approved by competent authority:	170
	Public Transport:	Ghule Nagar Bust stop & Corinthian club bust stop within 0.30 Km
	Width of all Internal roads (m):	12 mt.
	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)
	Court cases pending if any	No court cases are pending.
	Other Relevant Informations	No

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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

#### **Environment Clearance for Proposed residential & commercial construction project S.No.10, Hissa No. 1+2/2 Mohammadwadi by Plant I Estates**

PP submitted their application for prior Environmental clearance for total plot area of 8000.00 Sq. Mtrs, BUA of 25716.37 Sq. Mtrs and FSI area of 15265.00 Sq. Mtrs and Non FSI area of 10451.37 sq mtrs. PP proposes to construct 3 no. of residential buildings, 1 commercial building and 1 club house.

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

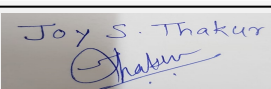
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

#### **Specific Conditions by SEAC:**

- 1) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 2) PP to submit details of solid waste management plan for commercial component and include the cost of same in the EMP.
- 3) PP to submit revised RG plan.
- 4) 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. With details of fund utilization & agreement with executor
- 5) PP to insure cost required for sewage pumping & same include in EMP.
- 6) PP to submit debris disposal & management plan.
- 7) PP to submit site specific hydrogeological report.
- 8) PP to submit CFO NOC.
- 9) PP to submit Water supply NOC with quantity.
- 10) PP to submit NOC from tree authority.
- 11) PP to submit permission from competent authority after paying royalty on minor mineral.

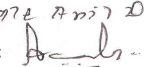
### FINAL RECOMMENDATION

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

  
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## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

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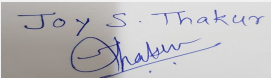
**Subject:** Environment Clearance for proposed project by M/s Shree Venkatesh Buildcon.

**Is a Violation Case:** No

1.Name of Project	"Venkatesh Skydale"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ankush Asabe
4.Name of Consultant	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. 20,H.NO.1, Plot "H",
9.Taluka	Haveli
10.Village	Hingane (kh), Sinhgad Road,
Correspondence Name:	Mr. Lahuraj B. Asabe
Room Number:	Office no 2,
Floor:	1st Floor
Building Name:	Laukik Apartment,
Road/Street Name:	870 Bhandarkar Road,
Locality:	-
City:	Pune-411004
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process
	<b>IOD/IOA/Concession/Plan Approval Number: -</b>
	<b>Approved Built-up Area: 84707.06</b>
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.)	28200.00 m2
16.Deductions	12718.53 m2
17.Net Plot area	15481.47 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>a) FSI area (sq. m.): 46433.70</b>
	<b>b) Non FSI area (sq. m.): 38273.36</b>
	<b>c) Total BUA area (sq. m.): 84707.06</b>
18 (b).Approved Built up area as per DCR	<b>Approved FSI area (sq. m.): 12868.04</b>
	<b>Approved Non FSI area (sq. m.): -</b>
	<b>Date of Approval: 02-11-2015</b>
19.Total ground coverage (m2)	7120.00 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.24 % of Total Plot area (28200.00 m2) & 45.99 % of Net Plot area (15481.47 m2)
21.Estimated cost of the project	2250000000

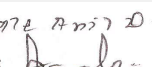
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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1	Wing A	LG1+Gr+ 1st P.P. + 2nd P.P.+ Club House Lvl. +20th Floor	69.98
2	Wing B	LG1+Gr+ 1st P.P. + 2nd P.P.+ Club House Lvl. + 20th Floor	69.98
3	Wing C	LG1+ LG2 + Gr+ 1st P.P. + 2nd P.P.+ Club House Lvl. +20th Floor	69.98
4	Wing D	LG1+Gr+ 1st P.P. + 2nd P.P.+ Club House Lvl. +19th Floor	67.10

<b>23.Number of tenants and shops</b>	Total Tenements -374 Nos. Total Shops- 22 Nos., Total Offices- 13 Nos.
<b>24.Number of expected residents / users</b>	Residential Users: 1870 Nos. Commercial Users: 1398 Nos. Total Users: 3268 Nos.
<b>25.Tenant density per hectare</b>	132.62/H
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	36 M &18 M wide D.P. Road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	Two numbers of existing tin shades & One temple in reservation plot.
<b>30.Details of the demolition with disposal (If applicable)</b>	Existing tin shade will be demolished & debris will be given to kabadiwala.

### 31.Production Details

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

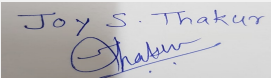
### 32.Total Water Requirement

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<b>Dry season:</b>	<b>Source of water</b>	PMC
	<b>Fresh water (CMD):</b>	330.47 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	119.10 m3/day
	<b>Recycled water - Gardening (CMD):</b>	13.92 m3/day
	<b>Swimming pool make up (Cum):</b>	1.19 m3/day
	<b>Total Water Requirement (CMD) :</b>	197.45 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	350 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	80 m3
	<b>Excess treated water</b>	150.81 m3/day
<b>Wet season:</b>	<b>Source of water</b>	PMC
	<b>Fresh water (CMD):</b>	316.55 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	119.10 m3/day
	<b>Recycled water - Gardening (CMD):</b>	NA
	<b>Swimming pool make up (Cum):</b>	1.19 m3/day
	<b>Total Water Requirement (CMD) :</b>	197.45 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	350 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	80 m3
	<b>Excess treated water</b>	164.73 m3/day
<b>Details of Swimming pool (If any)</b>	Dimension of Swimming Pool: 98.36 sq.m. Total water Requirement in KLD:118.58 m3 Water requirement in KLD: 1.19 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. 20.00 Lakh • O & M Cost : Rs 1.20 Lakh/Year	

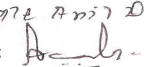
### 33.Details of Total water consumed

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

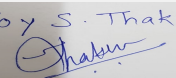
  
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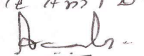
**Name: K. Anil Kale**  
  
**Signature: Shri. Anil Kale (Chairman SEAC-III)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	12 m to 30 m BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	5 Nos.
	<b>Size of recharge pits :</b>	2.0 M X2.0 M X 3.0 M
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 15.00 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs 1.20 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 251.79 m3 Flushing UG tank Capacity: 175.79 m3 Fire UG tank Capacity: 350 m3
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	620.5 m3/day
	<b>Size of SWD:</b>	Circular pipe drain of size 200,250 & 300mm dia.
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Residential:227.21 m3/day, Commercial:56.62 m3/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	STP 1: 230 m3/day- 1 No(For Residential ), STP 2: 60 m3/day-- 1 No.(For commercial)
	<b>Location &amp; area of the STP:</b>	191.70 m2
	<b>Budgetary allocation (Capital cost):</b>	STP 1:Rs.64.15 Lakh, STP 2:Rs. 21.90 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	STP 1:Rs. 9.66 Lakh / Year, STP 2:Rs. 4.91 Lakh / Year
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	40 kg/day
	<b>Disposal of the construction waste debris:</b>	Use for Leveling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	513.80 kg/day.
	<b>Wet waste:</b>	630.90 kg/day.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	25.54 kg/day.
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Authorized Vender
	<b>Wet waste:</b>	Organic Waste Converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	80 m2 including machinery area
	<b>Area for machinery:</b>	-
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 11.90 Lakh
	<b>O &amp; M cost:</b>	Rs. 2.83 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 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

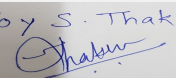
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	400 KVA - 3No.	HSD-247.23 Ltr/Hr @ 100% load	S-1,S-2,S-3	5 Mtr	will be provided	will be provided
2	50 KVA - 1 No.	HSD-12.44 Ltr/Hr @ 100% load	S-4	5 Mtr	will be provided	will be provided

### 40. Details of Fuel to be used

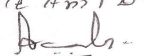
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	259.67 Ltr/Hr	259.67 Ltr/Hr

41. Source of Fuel	Bharat Petroleum Corporation Ltd/ Hindustan Petroleum
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42.Mode of Transportation of fuel to site	By Roadway
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1548.15 m2
	<b>No of trees to be cut :</b>	47 no.
	<b>Number of trees to be planted :</b>	292 Nos.
	<b>List of proposed native trees :</b>	-
	<b>Timeline for completion of plantation :</b>	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	10	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	08	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits
4	Azardirachta indica	Neem	18	Medicinal value, To control soil erosion, To improve soil erosion
5	Bauhinia blackiana	Kanchanraj	08	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	08	Every part of the plant is medicinal, Drought tolerant species.
7	Butea monosperma	Palas	04	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	04	Medicinal value, Edible fruits,
11	Dalbergia sissoo	Shisav	15	Medicinal value, Bird attracting species
12	Ficus arnottiana	Payar	04	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomerata	Umber	08	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	04	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant

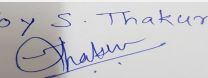
15	Mangifera indica	Mango	09	Edible fruit, Bird attracting species.
16	Michelia champaca	Sonchaffa	08	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
17	Pongamia pinnata	Karanj	08	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant
18	Saraca indica	Sita-ashok	04	Medicinal value, Religious plant
19	Syzygium cumini	Jamun	08	Medicinal value, Edible fruit.
20	Elaeocarpus sphaericus	Rudraksha	04	Medicinal value, Native species
21	Melia Azaradichta	Bakam neem	12	Medicinal value, Native species Bird attracting species
22	Bahunia racemosa	Apta	08	Every part of the plant is medicinal, Drought tolerant species
23	Aegle marmelos	Bel	16	Medicinal value, Drought tolerant species,
24	Citrus species	Lemon	04	Medicinal value, Edible fruit.
25	Schleichera oleosa	Kusum	12	Native species, Fragrant flowers
26	Gmelina arborea	Shivan	08	Medicinal value, Drought tolerant species, Bird attracting species
27	Mimosups elengii	Bakul	16	Fragrant flowers, Medicinal value, To control soil erosion.
28	Putrnjiva roxburghii	Putrnjiva	12	Medicinal value, Drought tolerant species
29	Nyctanthus arbortristis	Parijatak	16	Fragrant flowers, Medicinal value.
30	Erythrina indica	Pangara	12	Fragrant flowers, Drought tolerant species, Birds attracting
31	Murraya exotica	Kamini	16	Native species, Fragrant flowers,
32	Roystonea regia	Bottle palm	04	Ornamental plant, Medicinal value, Birds & bats eat fruits.
33	Caryota urens	Fishtail palm	12	Grown in any type of soil. Very Hardy.

45.Total quantity of plants on ground

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

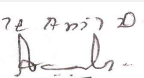
Serial Number	Name	C/C Distance	Area m2
1	-	-	-

**47.Energy**

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL.
	<b>During Construction Phase: (Demand Load)</b>	50 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	4172 KW
	<b>During Operation phase (Demand load):</b>	1887 KW
	<b>Transformer:</b>	630 KVA - 3 No.
	<b>DG set as Power back-up during operation phase:</b>	400 KVA - 1 No. & 50 KVA - 1 No. (For Residential) 400 KVA - 2 No. (For Commercial)
	<b>Fuel used:</b>	For 400 KVA :- 82.41 Ltr/Hr @ 100% load & For 50 KVA :- 12.44 Ltr/Hr @ 100% load
	<b>Details of high tension line passing through the plot if any:</b>	No

#### 48. Energy saving by non-conventional method:

LED Lights,  
PV Solar,  
Energy Efficient pump  
Solar hot water etc.

#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lighting (for Landscape/Street Lighting)	13%
2	Energy Efficient T5 Lights (Parking + common areas)	20%
3	VFD's on Lifts	20%
4	Solar Panel for Hot water	12%

#### 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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Energy system : Rs 62.70 Lakh, Solar System:Rs 67.30 Lakh
	<b>O &amp; M cost:</b>	Energy system : Rs 2.65 Lakh/year. , Solar System: Rs 7.25 Lakh/year.

#### 51. Environmental Management plan Budgetary Allocation

 <b>Joy S. Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 73 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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<b>a) Construction phase (with Break-up):</b>			
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>b) Operation Phase (with Break-up):</b>				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1 (Residential)	230 m3/day	64.15 Lakh	9.66 Lakh/Year
2	STP 2 (Commercial)	60 m3/day	21.90 Lakh	4.91 Lakh/Year
3	RWH	Rain water Harvesting	15.00 Lakh	1.20 Lakh/Year
4	MSW	Organic Waste Coverter	11.90 Lakh	2.83 Lakh/Year
5	Energy System	-	62.70 Lacks	2.65 Lacks / year
6	Solar System	-	67.30 Lakh	7.25 Lacks / year
7	Landscaping	-	30.39 Lakh	4.87 Lakh/Year
8	Swimming Pool	-	20.00 Lakh	1.20 Lakh/Year
9	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
10	Post EC Monitoring	-	-	2.50 Lakh/Year
11	Dry Waste Management	-	-	2.24 Lakh/Year

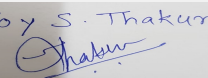
### 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

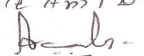
No Information Available

### 53.Traffic Management

Joy S. Thakur  
  
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	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	1 no. - 3266.70 m <sup>2</sup>
	Number and area of podia:	2 no. -7702.44 m <sup>2</sup>
	Total Parking area:	27849.72 m <sup>2</sup>
	Area per car:	39.16 m <sup>2</sup>
	Area per car:	39.16 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1274 Nos.
	Number of 4-Wheelers as approved by competent authority:	711 Nos.
	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	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 75 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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**Environment Clearance for proposed project at S.No. 20,H.NO.1, Plot "H" Hingane (kh), Sinhgad Road, Tal- Haveli, Pune by M/s Shree Venkatesh Buildcon.**

PP submitted their application for prior Environmental clearance for total plot area of 28200.00 Sq. Mtrs, BUA of 84707.06 Sq. Mtrs and FSI area of 46433.70 Sq. Mtrs and Non FSI area of 38273.36 sq mtrs. PP proposes to construct 4 no. of residential buildings (wings).

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**

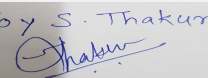
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) PP to submit clarification on HFL and submit clarification from concern authority that which type of activities are allowed in red line.
- 3) PP to submit nalla remark.
- 4) PP to submit details about trees to be cut as per permission received from competent authority.
- 5) PP to submit NOC from concern authority to lay culvert on nalla.

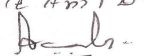
**FINAL RECOMMENDATION**

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 of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

**Subject:** Environment Clearance for for proposed Residential project

**Is a Violation Case:** No

1.Name of Project	'YASHONE Wakad'
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Subhadra Khandu Kalamkar & others
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	NA
8.Location of the project	S.No. 173/2/2B/2+3+4, 173/2/2A/3+4, Plot 'A'
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr. Sarvesh Javdekar (M/s. Vilas Javdekar Eco Shelters Pvt. Ltd.)
Room Number:	306
Floor:	3rd floor
Building Name:	Siddharth Towers,
Road/Street Name:	Sangam Press Road,
Locality:	Near Karishma Housing Society,
City:	Pune- 411038
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD received
	<b>IOD/IOA/Concession/Plan Approval Number:</b> B.P./ENVIRONMENT/Wakad/7/2018 dated 29/06/2018
	<b>Approved Built-up Area:</b> 55714.39
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.)	13,224.32 sq.m.
16.Deductions	2021.47 sq.m.
17.Net Plot area	11,202.85 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 28,410.23 sq.m.
	b) Non FSI area (sq. m.): 27,304.16 sq.m.
	c) Total BUA area (sq. m.): 55714.39
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 28,410.23 sq.m.
	Approved Non FSI area (sq. m.): 27,304.16 sq.m.
	Date of Approval: 29-06-2018
19.Total ground coverage (m2)	1883.90 sq.m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.8%
21.Estimated cost of the project	1344000000.0

## 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 A	2B+P+22 Floors	70.00 m
2	Building B	2B+P+22 Floors	70.00 m
3	Building C	2B+P+22 Floors	70.00 m
4	Building D	2B+P+22 Floors	70.00 m
5	Building E	P+4 Floors	15.85 m
6	MHADA	P+11 Floors	36.00 m
7	Clubhouse	G+1 Floor	6.45 m

23.Number of tenants and shops	Tenements: 481 nos.
24.Number of expected residents / users	Residential users: 2405 nos.
25.Tenant density per hectare	430
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45.0 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	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

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 78 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	<b>Source of water</b>	Pimpri Chinchwad Municipal Corporation/ Borewell/ Recycled							
	<b>Fresh water (CMD):</b>	Residential: 197 m3/day, MHADA: 19 m3/day , Total : 216 m3/day							
	<b>Recycled water - Flushing (CMD):</b>	Residential: 99 m3/day, MHADA: 10 m3/day , Total : 109 m3/day							
	<b>Recycled water - Gardening (CMD):</b>	20 m3/day							
	<b>Swimming pool make up (Cum):</b>	Nil							
	<b>Total Water Requirement (CMD) :</b>	345 m3/day							
	<b>Fire fighting - Underground water tank(CMD):</b>	Residential: 400 m3/day, MHADA: 50 m3/day							
	<b>Fire fighting - Overhead water tank(CMD):</b>	Residential: 100 m3/day, MHADA: 20 m3/day							
	<b>Excess treated water</b>	174 m3/day							
Wet season:	<b>Source of water</b>	Pimpri Chinchwad Municipal Corporation/ Borewell/ Recycled							
	<b>Fresh water (CMD):</b>	Residential: 197 m3/day, MHADA: 19 m3/day , Total : 216 m3/day							
	<b>Recycled water - Flushing (CMD):</b>	Residential: 99 m3/day, MHADA: 10 m3/day , Total : 109 m3/day							
	<b>Recycled water - Gardening (CMD):</b>	Nil							
	<b>Swimming pool make up (Cum):</b>	Nil							
	<b>Total Water Requirement (CMD) :</b>	325 m3/day							
	<b>Fire fighting - Underground water tank(CMD):</b>	Residential: 400 m3/day, MHADA: 50 m3/day							
	<b>Fire fighting - Overhead water tank(CMD):</b>	Residential: 100 m3/day, MHADA: 20 m3/day							
	<b>Excess treated water</b>	194 m3/day							
<b>Details of Swimming pool (If any)</b>	NA								
<b>33.Details of Total water consumed</b>									
<b>Particulars</b>	<b>Consumption (CMD)</b>			<b>Loss (CMD)</b>			<b>Effluent (CMD)</b>		
<b>Water Requirement</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	15-20 m.	
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA	
	<b>Location of the RWH tank(s):</b>	NA	
	<b>Quantity of recharge pits:</b>	3	
	<b>Size of recharge pits :</b>	2.0 m X 2.0 m X 2.0 m.	
	<b>Budgetary allocation (Capital cost) :</b>	Rs.10 Lakhs	
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.75 Lakhs	
	<b>Details of UGT tanks if any :</b>	Residential: Domestic: 300 m3 Firefighting: 400 m3 MHADA: Domestic: 30 m3 Firefighting: 50 m3	
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per Contour	
	<b>Quantity of storm water:</b>	487.31 Cum/Hr.	
	<b>Size of SWD:</b>	450 mm	
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	303 m3/day	
	<b>STP technology:</b>	MBBR technology	
	<b>Capacity of STP (CMD):</b>	1 STP of 280 m3/day + 1 STP of 30m3/day	
	<b>Location &amp; area of the STP:</b>	On ground Area: Residential 280 KLD Area = 138 m2 (23m x 6m) MHADA: 29 m2 (7.25m x 4m)	
	<b>Budgetary allocation (Capital cost):</b>	Rs. 82.14 Lakhs for Residential STP, Rs. 21.46 Lakhs for MHADA STP	
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 11.95 Lakhs/ Annum for Residential STP, Rs. 3.61 Lakhs/ Annum for MHADA STP	
<b>36.Solid waste Management</b>			
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	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.	
	<b>Disposal of the construction waste debris:</b>	Construction debris will be used for base preparation of road and for site leveling. Dry waste will be handed over to PCMC Ghantagaadi.	
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	438 kg/day for Residential, 43 kg/day for MHADA.	
	<b>Wet waste:</b>	657 kg/day for Residential, 65 kg/day for MHADA.	
	<b>Hazardous waste:</b>	NA	
	<b>Biomedical waste (If applicable):</b>	NA	
	<b>STP Sludge (Dry sludge):</b>	31 kg/ day	
	<b>Others if any:</b>	NA	
<b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 80 of 144</b>	<b>Shri. Anil Kate (Chairman SEAC-III)</b>



<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to PCMC Ghantagadi/SWaCH for further handling & disposal purpose.
	<b>Wet waste:</b>	Disposed through Organic Waste Convertor. Generated manure will be used for gardening.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for gardening purpose.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	On ground
	<b>Area for the storage of waste &amp; other material:</b>	15.0 m2 for Residential, 7.6 m2 for MHADA
	<b>Area for machinery:</b>	15.0 m2 for Residential, 7.6 m2 for MHADA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 20.75 Lakhs for Residential OWC, Rs. 8.75 Lakhs for MHADA OWC.
	<b>O &amp; M cost:</b>	Rs. 4.76 Lakhs/Annum for Residential OWC, Rs. 2.18 Lakhs for MHADA OWC.

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	NA	7.6	7.5	5.5-9.0
2	Suspended solids	mg/l	200	20	<50
3	3 days BOD @ 27 deg C	mg/l	250	10	<30
4	COD	mg/l	300	75	<100
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

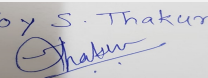
### 39. Stacks emission Details

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 DG set	HSD	1	3	0.125	450 deg C
2	125 KVA DG set	HSD	2	3	0.125	450 deg C

### 40. Details of Fuel to be used

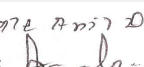
 <b>Joy S. Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 81 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	HSD	HSD
41.Source of Fuel		Transportation		
42.Mode of Transportation of fuel to site		By vehicle		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1250.83 sq.m.		
	<b>No of trees to be cut :</b>	11 nos.		
	<b>Number of trees to be planted :</b>	199 nos.		
	<b>List of proposed native trees :</b>	All native trees proposed which are listed below		
	<b>Timeline for completion of plantation :</b>	Before completion of project		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	18	Evergreen tree, fast growing
2	Bauhinia racemosa	Apta	11	Small tree with small white flowers, Butterfly host plant
3	Caryota urens	Fishtail Palm	9	Grown in any type of soil. Very hardy.
4	Citrus species	Lemon	9	Medicinal value, Edible fruit.
5	Dalbergia sisoo	Shisav	11	Medicinal value, Bird attracting species
6	Erythrina indica	Pangara	11	Fragrant flowers, Drought tolerant species, Birds attracting
7	Gmelina arborea	Shivan	11	Medicinal value, Drought tolerant species, Bird attracting species.
8	Mimosups elengii	Bakul	11	Fragrant flowers, Medicinal value, To control soil erosion
9	Murraya koengii	Kadipatta	9	Medicinal value, Edible leaves.
10	Aegle marmelos	Bel	11	Fragrant flowers, Bird attracting species.
11	Nyctanthus arbortristis	Parijatak	11	Fragrant flowers, Medicinal value
12	Putrnjiva roxburghii	Putrnjiva	11	Medicinal value, Drought tolerant species
13	Roystonea regia	Bottle palm	9	Ornamental plant, Medicinal value, Birds & bats eat fruits
14	Syzygium cumini	Jamun	11	Medicinal value, Edible fruit.
15	Magnifera indica	Mango	14	Edible fruit, bird attracting species
16	Polyalthia longifolia	Ashoka	11	Native Indian evergreen tree, vertical growing, effective in alleviating noise pollution
17	Magnolia champaca	Son chapha	11	Evergreen tree, fragrant flowers

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18	Cassia fistula	Bahawa	10	Medicinal value, drought tolerant species, ornamental flowering, host plant for honey bees & butterfly
19	NA	TOTAL	199	NA
<b>45.Total quantity of plants on ground</b>				

#### 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

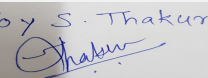
<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra State Electricity Distribution Company Ltd.
	<b>During Construction Phase: (Demand Load)</b>	156.50 KW
	<b>DG set as Power back-up during construction phase</b>	01 nos. X 125 KVA
	<b>During Operation phase (Connected load):</b>	2057.16 KVA (2571.46 KW)
	<b>During Operation phase (Demand load):</b>	1463.73 KVA (1170.99 KW)
	<b>Transformer:</b>	01 nos. X 630 KVA + 1 nos. X 315 KVA
	<b>DG set as Power back-up during operation phase:</b>	01 nos. X 200 KVA for Residential buildings, 01 nos. X 125 KVA for MHADA building.
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48.Energy saving by non-conventional method:

- Solar water heating systems @ 125 litres per apartment.
- Solar photovoltaic generation panels- 26 KW capacity.
- LED lights for common areas.
- Timer switches for street lights.
- Energy efficient pumps.

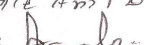
#### 49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T8 fixture with Electronic Ballast for Common Area	45303.80 kWh/annum = 40.68 %
2	Energy Saving using Automatic Timer operation Against Manual operation for External & Common Area Lighting	26055.16 kWh/annum = 33.33%
3	Energy Saving using Solar PV System Against Electrical Supply	35000 kWh/annum= 66.04%

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4	Energy Saving using Solar Water Heater Against Electrical water Heater	250120.0 kWh/annum= 74.29%
5	Energy saving using Low Loss Transformer Against Conventional Transformer	12264.0 kWh/annum= 5.00%

### 50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Dust	Not applicable	Water sprinklers
Sewage	Not applicable	Sewage Treatment Plant
Solid Waste	Not applicable	Organic Waste Composter
Vehicular	Not applicable	PUC check

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 71.22 Lakhs
	<b>O &amp; M cost:</b>	Rs. 2.15 Lakhs/annum

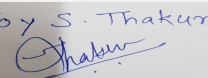
### 51.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water For Dust Suppression	Sprinklers system	2
2	Site Sanitation & Safety	Mobile toilets, fumigation, Personal protective equipments	10
3	Environmental Monitoring	Air, noise, water & soil	2
4	Health Check Up	Hospital	2
5	Environment Management cell	Formation of cell	8.40
6	NA	TOTAL	24.4

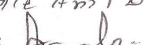
#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	03 nos. of recharge pits	10.0	0.75
2	Sewage Treatment Plant	280 KLD + 30 KLD STP	103.60	15.56
3	Organic Waste Composter	657+65 kg/ day	29.5	6.95
4	Tree plantation	199 nos. of trees	10.0	3.0
5	Energy Conservation	Solar water heating systems, Solar photo voltaic generation	71.22	2.15
6	Environment Management Cell	Comprising of society & technical staff	0	6.48
7	Basement ventilation	Exhaust fans	75.0	5.0
8	Environment Monitoring	Air, noise, water & soil	0	4.0

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9	Basement Pumping	Stormwater dewatering in basement	5.0	0.55
10	NA	TOTAL	304.32	44.44

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

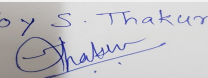
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

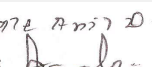
### 53.Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	The project is located on 45.0 m. wide D.P. road & entrance gate is planned in such a way that vehicular movement on main road will not be affected.
<b>Parking details:</b>	<b>Number and area of basement:</b>	02 nos. 3591.74 sq.m. each
	<b>Number and area of podia:</b>	01 nos. 3786.19 sq.m.
	<b>Total Parking area:</b>	11,013.83 sq.m.
	<b>Area per car:</b>	34.24 sq.m.
	<b>Area per car:</b>	34.24 sq.m.
	<b>Number of 2-Wheelers as approved by competent authority:</b>	962
	<b>Number of 4-Wheelers as approved by competent authority:</b>	241
	<b>Public Transport:</b>	PMPML bus service
	<b>Width of all Internal roads (m):</b>	7.50 m.
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 (a), B2

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	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

### Brief information of the project by SEAC

**Environment Clearance for for proposed Residential project 'YASHONE Wakad' S.No. 173/2/2B/2+3+4, 173/2/2A/3+4, Plot 'A' by Mrs. Subhadra Khandu Kalamkar & others.**

PP submitted their application for prior Environmental clearance for total plot area of 13224.32 Sq. Mtrs, BUA of 55714.39 Sq. Mtrs and FSI area of 28410.23 Sq. Mtrs and Non FSI area of 28410.23 sq mtrs. PP proposes to construct 6 no. of residential buildings, & 1 club house.

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

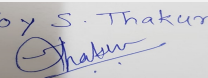
***SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.***

**Specific Conditions by SEAC:**

**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. With details of fund utilization & agreement with executor.

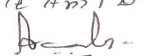
### FINAL RECOMMENDATION

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

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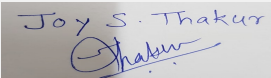
## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date October 15, 2018**

**Subject:** Environment Clearance for Prior Environmental clearance for proposed residential scheme

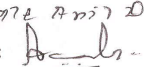
**Is a Violation Case:** No

<b>1.Name of Project</b>	"Dwarika Dham" situated at S. No. 51 Hissa No.1/2 + 1/1A/1 + 1A/2 + 1A/3 + 2/2/1 + 2/2/2 + 2/2/3 Plot No. A and S. No.51 Hissa No.1/2 + 1/1A/1 + 1A/2 + 1A/3 + 2/2/1 + 2/2/2 + 2/2/3 Plot B situated at Kondhwa (bk), Pune - 48.by M/s. Yashodhan Affordable Landmark LLP
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. Yashodhan Affordable Landmark LLP
<b>4.Name of Consultant</b>	VK Environmental LLP
<b>5.Type of project</b>	Residential and Commercial Development project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	new project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	S. No. 51 Hissa No.1/2 + 1/1A/1 + 1A/2 + 1A/3 + 2/2/1 + 2/2/2 + 2/2/3 Plot No. A and S. No.51 Hissa No.1/2 + 1/1A/1 + 1A/2 + 1A/3 + 2/2/1 + 2/2/2 + 2/2/3 Plot B situated at Kondhwa (bk), Pune - 48.
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Kondhwa
<b>Correspondence Name:</b>	1204/14, Yashodhan House, Ghole Road, Shivajinagar, Pune 411004.
<b>Room Number:</b>	1204/14, Yashodhan House, Ghole Road, Shivajinagar, Pune 411004.
<b>Floor:</b>	1204/14, Yashodhan House, Ghole Road, Shivajinagar, Pune 411004.
<b>Building Name:</b>	1204/14, Yashodhan House, Ghole Road, Shivajinagar, Pune 411004.
<b>Road/Street Name:</b>	Ghole Road
<b>Locality:</b>	Shivajinagar
<b>City:</b>	Pune
<b>11.Area of the project</b>	PMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	under process <b>IOD/IOA/Concession/Plan Approval Number:</b> under process <b>Approved Built-up Area:</b> 00
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	NA
<b>15.Total Plot Area (sq. m.)</b>	37800.00
<b>16.Deductions</b>	road widening 2989.98 sqm
<b>17.Net Plot area</b>	34810.02 sqm
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 35645.11 <b>b) Non FSI area (sq. m.):</b> 12745.68 <b>c) Total BUA area (sq. m.):</b> 48390.79
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 00 <b>Approved Non FSI area (sq. m.):</b> 00 <b>Date of Approval:</b> 02-08-2018
<b>19.Total ground coverage (m2)</b>	6904.87 Sq.m
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	19.83%
<b>21.Estimated cost of the project</b>	1650000000

  
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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	P+7	22.95
2	Building 2	P+7	22.95
3	Building 3	P+7	22.95
4	Building 4	P+7	22.95
5	Building 5	P+7	22.95
6	Building 6	P+7	22.95
7	Building 7	P+7	22.95
8	Building 8	P+7	22.95
9	Building 9	P+7	22.95
10	Building 10	P+7	22.95
11	Building 11	P+7	22.95
12	Building 12	P+7	22.95
13	Commercial A	G	6.0
14	Commercial B	G	6.0

<b>23. Number of tenants and shops</b>	No. of tenements : 840 flats No. of shops & offices: 39 shops/offices
<b>24. Number of expected residents / users</b>	Residential Tenants: 4200 , Commercial population: 340
<b>25. Tenant density per hectare</b>	222 Tenements/hectare, 1111 Tenants/hectare
<b>26. Height of the building(s)</b>	
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	6 m
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29. Existing structure (s) if any</b>	Not Applicable
<b>30. Details of the demolition with disposal (If applicable)</b>	Not Applicable

## 31. Production Details

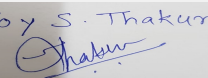
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

## 32. Total Water Requirement

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Dry season:	Source of water	PMC								
	Fresh water (CMD):	388								
	Recycled water - Flushing (CMD):	194								
	Recycled water - Gardening (CMD):	11								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	593								
	Fire fighting - Underground water tank(CMD):	NA								
	Fire fighting - Overhead water tank(CMD):	20,000 lit/building								
	Excess treated water	267								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	388								
	Recycled water - Flushing (CMD):	194								
	Recycled water - Gardening (CMD):	00								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	582								
	Fire fighting - Underground water tank(CMD):	NA								
	Fire fighting - Overhead water tank(CMD):	20,000 lit/building								
	Excess treated water	278								
Details of Swimming pool (If any)	Not applicable									
<b>33.Details of Total water consumed</b>										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

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

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Premonsoon: 10.8 m bgl Post monsoon : 6 m bgl
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	10 recharge pits cum bore well proposed for site
	<b>Size of recharge pits :</b>	2mx2mx2m
	<b>Budgetary allocation (Capital cost) :</b>	7,16,500/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	50,000/-
	<b>Details of UGT tanks if any :</b>	Total UGT capacity : 582 kld

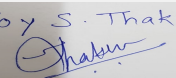
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate Capacity will be led to recharge pits.
	<b>Quantity of storm water:</b>	29.77 m3/min
	<b>Size of SWD:</b>	450 mm

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	524
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	530
	<b>Location &amp; area of the STP:</b>	Location: On ground
	<b>Budgetary allocation (Capital cost):</b>	1,03,00,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	22,71,680/-

### 36.Solid waste Management

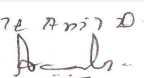
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Waste generation in the construction Phase due to labour camp: - Dry waste (Kg/day): 8 kg/day -Wet waste (Kg/day): 12 kg/day -Total waste generated:20kg/day
	<b>Disposal of the construction waste debris:</b>	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	891 kg/day
	<b>Wet waste:</b>	1294 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	78 kg/day
	<b>Others if any:</b>	E waste: 6.6 kg/day

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SWaCH
	<b>Wet waste:</b>	will be treated in Organic Waste Converter (OWC).
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Dried sludge from STP will be used as manure
	<b>Others if any:</b>	E - waste: Will be handed over to authorized recyclers
<b>Area requirement:</b>	<b>Location(s):</b>	On ground
	<b>Area for the storage of waste &amp; other material:</b>	Total area: 90 sqm
	<b>Area for machinery:</b>	Total area: 90 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	32,75,000/-
	<b>O &amp; M cost:</b>	7,74,871/-

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

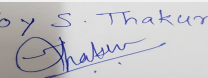
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

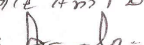
### 40. Details of Fuel to be used

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

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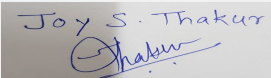
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	Provided open space: 2812.00 sqm
	<b>No of trees to be cut :</b>	74
	<b>Number of trees to be planted :</b>	No. of trees required to be planted: 330
	<b>List of proposed native trees :</b>	Please refer below list
	<b>Timeline for completion of plantation :</b>	Till operation phase

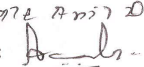
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinia Purpurea	Kanchan	15	It is a small to medium-sized tree growing to 10--12 m tall, deciduous in the dry season
2	Couroupita Guianensis	kailaspati	15	Rare tree in India with large large, beautiful, pleasantly aromati
3	Erythrina Indica	Pangara	15	A fast growing medium size tree with attractive flowers
4	Cassia Fistula	bahava	15	Small deciduous tree. Excellent flowering tree for arid regions.
5	Pisidium Guajava	Peru	15	Fruit Bearing tree.
6	Azadiracta indica	Neem	15	A medium to large size evergreen tree which cab stand in drought conditions. It has air purifying quality
7	Ficus benjamina	Weeping Fig	15	Evergreen tree which can resist in drought conditions
8	Pongamia	Karanji	15	A large ayurvedic tree. It is well suited to intense heat and sunlight.
9	Bahunia Blackania	Bahunia	15	the large flowering plant
10	Dillenia Indica	Karmal	15	Evergreen trees Suitable for avenue planting
11	Bahunia Recemosa	Apta	15	tree is a rare medicinal species of flowering shrub with religious significance
12	Albizia lebbeck	Shirish	15	Evergreen tree which can resist in drought conditions.
13	Butea monosperma	palas	15	t is a medium sized dry season-deciduous tree
14	Nycttanthes arbor-tristis	Parijatak	15	the night-flowering plant
15	Anthocephalous Cadamba	kadamb	15	s an evergreen, tropical tree
16	Lagerstromia speciosa	Taman	15	Medium-sized, deciduous flowering trees
17	Michelia Champaka	Pivala Chafa	15	Medium-sized, deciduous flowering trees
18	Swetenia Mahogani	Mahogani	15	reddish-brown timber of three

  
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19	Syzygium cumini	Jambhul	15	A large size evergreen tree with dense foliage that provides shade. Attracts a variety of birds
20	Pteroospermum Acerifolium	Muchkund	15	a large flowering tree
21	Mangifera Indica	mango	15	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
22	Polyalthia Longifolia	Ashoka	10	rain forest tree
23	Caryota Urens	Fishtail Palm	05	Fishtail palm is a fast growing feather palm 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**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	15KW
	<b>DG set as Power back-up during construction phase</b>	1 DG set of 30KVA
	<b>During Operation phase (Connected load):</b>	2771.28KW
	<b>During Operation phase (Demand load):</b>	1891.90KW
	<b>Transformer:</b>	3 nos. X 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 DG set of 140 KVA for residential buildings
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

**48.Energy saving by non-conventional method:**

- 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.
- We are planning to keep power factor of the common load installation near unity.
- Following are the Energy efficient fixtures should be used in our project for energy conservation :-
  - Energy efficient LED fixtures are proposed for parking area of all buildings.
  - LED lighting fixtures are proposed for general lighting for common passages, staircase & terrace area.
  - The estimated saving in common area lighting consumption is up to 10.21 % due to adopting above measures.
- Solar Heating System is being proposed for Hot water to be used in toilet of each apartment.
- 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	Solar PV	1% of demand load
2	Solar Hot water	125 lit/flat/day

### 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:	2,29,00,000/-
	O & M cost:	10,30,000/-

### 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	38,62,000/-
2	Land	Labour Camp toilets & sanitation	4,80,000/-
3	Health and Safety	Labour Safety Equipments and training	4,00,000/-
4	facility	Disinfection and Health Check-ups	51,000/-
5	Environment Management	Environmental Monitoring	1,70,000

#### 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	103,00,000/-	22,71,680/-
2	Solid Waste Management	1 OWC	32,75,000/-	7,74,871/-
3	Landscaping	development & maintenance of green area	30,00,000/-	2,75,000/-
4	Rain Water Harvesting	10 Recharge pits with bore well	7,16,500/-	50,000/-
5	Energy Saving	Solar PV panels & solar hot water	2,29,00,000/-	10,30,000/-
6	Environment Monitoring	air,water,noise,soil,waste water,OWC manure	-	1,82,500/-

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

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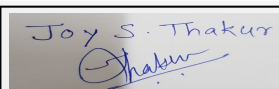
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

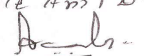
### 53. Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Proposed site is located at Kondhwa. The road network within the site has been designed to cater to the traffic loads of the project. Internal driveways are 6 m wide. Existing access road is 24 m wide.
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	10362 Sq.m.
	<b>Area per car:</b>	12.5sq.m./car
	<b>Area per car:</b>	12.5sq.m./car
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1770
	<b>Number of 4-Wheelers as approved by competent authority:</b>	450
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6m wide internal road is provided and 9 m. Turning radius will be provided.
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	Building and construction project
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA

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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

**Environment Clearance for proposed residential scheme "Dwarika Dham" situated at S. No. 51 Hissa No.1/2 + 1/1A/1 + 1A/2 + 1A/3 + 2/2/1 + 2/2/2 + 2/2/3 Plot No. A and S. No.51 Hissa No.1/2 + 1/1A/1 + 1A/2 +1A/3 + 2/2/1 + 2/2/2 + 2/2/3 Plot B situated at Kondhwa (bk), Pune by M/s. Yashodhan Affordable Landmark LLP.**

PP submitted their application for prior Environmental clearance for total plot area of 37800.00 Sq. Mtrs, BUA of 48390.79 Sq. Mtrs and FSI area of 35645.11 Sq. Mtrs and Non FSI area of 12745.68 sq mtrs. PP proposes to construct 12 no. of residential buildings, & 2 no commercial buildings.

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-AGENDA-00000142

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<div style="display: flex; justify-content: space-between;"> <div data-bbox="1157 2027 1428 2060">Name: <i>Kale Anil D.</i></div> <div data-bbox="1157 2072 1428 2105">Signature: </div> </div> <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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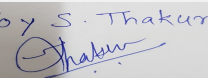
**PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.**

**Specific Conditions by SEAC:**

- 1) 1. PP to submit revised fire tender movement plan after removal of all trees coming in the internal road so that clear width of 6 m available throughout with extra margin & movement to be indicated by arrow.
- 2) 2. PP to submit cross section of roads at four places including UGT, OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 3) 3. PP to submit tree cutting NOC.
- 4) 4. PP to ensure that the commercial area should be isolate for traffic operation and parking should be independent without interference with residential area.
- 5) 5. PP to explore the possibility to increase the solar PV panel.
- 6) 6. PP to submit revised parking layout with minimum drive way 5 m width at all the location, parking statement to be provide accordingly.
- 7) 7. PP to submit list of existing trees.
- 8) 8. PP to submit sewer line connectivity up to final disposal point.
- 9) 9. PP to submit debris disposal plan along with cutting filling details.
- 10) 10. PP to submit plan for SWD up to final disposal point. Also submit the chamber details.
- 11) 11. PP to submit cross section at 4-5 places showing the space left for SWD, plantation of trees and compound wall.
- 12) 12. PP to submit CFO NOC.
- 13) 13. PP to submit water supply NOC.
- 14) 14. PP to submit drainage NOC.
- 15) 15. PP to submit revised EMP.
- 16) 16. 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. With details of fund utilization & agreement with executor.

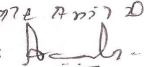
**FINAL RECOMMENDATION**

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

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SEAC-III)

## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date October 15, 2018**

**Subject:** Environment Clearance for Proposed residential scheme at- S.no. 23(P), At. Thergaon, Pune by M/s. Shivam Development Ventures LLP.

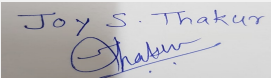
**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed residential scheme at- S.no. 23(P), At. Thergaon, Pune by M/s. Shivam Development Ventures LLP.
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Rajendra P. Ghanwat
<b>4.Name of Consultant</b>	Vke Environmental LLP
<b>5.Type of project</b>	Building Construction Project-Residential Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	S.no. 23(P), At. Thergaon, Pune
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Thergaon
<b>Correspondence Name:</b>	Mr. Rajendra P. Ghanwat
<b>Room Number:</b>	S.No. 23/2/1/3, 23/2/4
<b>Floor:</b>	-
<b>Building Name:</b>	Opp. Pudumjee mills,
<b>Road/Street Name:</b>	Near Aditya Birla Hospital, Thergaon Pune-411033.
<b>Locality:</b>	Thergaon
<b>City:</b>	Pimpri-Chinchwad, Pune.
<b>11.Area of the project</b>	PCMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Under Process
	<b>IOD/IOA/Concession/Plan Approval Number: 00</b>
	<b>Approved Built-up Area: 00</b>
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	NA
<b>15.Total Plot Area (sq. m.)</b>	10075
<b>16.Deductions</b>	Internal road area : 560.30 sqm. + open space area :1007.50 sqm. = 1567.8 sqm
<b>17.Net Plot area</b>	8507.20
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.): 20949.79</b>
	<b>b) Non FSI area (sq. m.): 20470.69</b>
	<b>c) Total BUA area (sq. m.): 41420.48</b>
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.): 00</b>
	<b>Approved Non FSI area (sq. m.): 00</b>
	<b>Date of Approval: 01-01-1900</b>
<b>19.Total ground coverage (m2)</b>	2341.63
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	27.51% (On Net Plot Area)
<b>21.Estimated cost of the project</b>	800000000

## 22.Number of buildings & its configuration

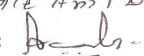
 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 98 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	2P+12	42.10	
2	Building B	2P+12	42.10	
3	Building C	2P+12	42.10	
4	Building D	2P+12	42.10	
<b>23.Number of tenants and shops</b>		Residential: Tenements = 340		
<b>24.Number of expected residents / users</b>		Residential :1700 nos (Population)		
<b>25.Tenant density per hectare</b>		337 Tenements /hector		
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>		15 m wide road for Nearest Fire Station (Rahatani Fire Station 2.73 km)		
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>		6 m Wide internal drive way and 9 m Turning radius .		
<b>29.Existing structure (s) if any</b>		Site Office only		
<b>30.Details of the demolition with disposal (If applicable)</b>		NA		
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

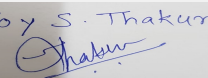
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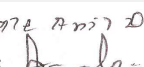
Name: K. Anil Kale  
  
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	153							
	Recycled water - Flushing (CMD):	77							
	Recycled water - Gardening (CMD):	18							
	Swimming pool make up (Cum):	2							
	Total Water Requirement (CMD) :	248							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20 for each Building							
	Excess treated water	91							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	153							
	Recycled water - Flushing (CMD):	77							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	2							
	Total Water Requirement (CMD) :	230							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20 for each Building							
	Excess treated water	109							
Details of Swimming pool (If any)	<p>Water requirement for make up in m3: Approx. 2000 ltrs/backwash            Details of quality to be achieved for swimming pool water and parameters to be monitored:            Chemical standards for swimming pool -Free Chlorine = 1.5 ppm to 2.0 ppm            pH = 7.2 ppm to 7.6 ppm            Calcium hardness = less than 200 ppm            • Budgetary allocation ( Capital cost and O&amp; M cost):            Capital cost: Rs.12.47/-lacs            O &amp;M Cost: Rs.4.68/- Lacs/Annum</p>								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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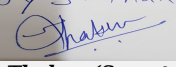
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Post monsoon 6.70 meter Pre monsoon 11.70 meter
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	4 nos.
	<b>Size of recharge pits :</b>	Pit 2*2*2meter Bore well .0.180 meter diameter and 60 meter depth and silting chamber 1*1*1
	<b>Budgetary allocation (Capital cost) :</b>	2,46,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	20,000/-
<b>Details of UGT tanks if any :</b>	Fire Water Tank = 300 kld Raw Water Tank = 46 kld Domestic Water Tank = 230 kld Reclaimed Water Tank =115 kld Total Capacity =691 kld	

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	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.
	<b>Quantity of storm water:</b>	6.92 m3/min
	<b>Size of SWD:</b>	300 mm Dia

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	207
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	210 KLD
	<b>Location &amp; area of the STP:</b>	On Ground and Area required = 110 sqm.
	<b>Budgetary allocation (Capital cost):</b>	5720000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	950000


### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	20 Kg/Day (Dry+ Wet)
	<b>Disposal of the construction waste debris:</b>	The entire construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	340 Kg/day
	<b>Wet waste:</b>	510 Kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	21 kg/day
	<b>Others if any:</b>	E-Waste- 850 Kg / year

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recycler for further handling and disposal purpose
	<b>Wet waste:</b>	Wet waste will be treated onsite organic waste converter waste
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	After OWC treatment, sludge will be used as manure.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	On Ground
	<b>Area for the storage of waste &amp; other material:</b>	13.5 sqm.
	<b>Area for machinery:</b>	45 sqm.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	1675000
	<b>O &amp; M cost:</b>	419037

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

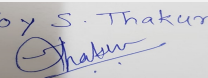
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 40. Details of Fuel to be used

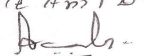
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2261.04 sqm.
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	135 nos. Existing Trees = 4 nos.(Iver Tamarind 1nos,Singapore Cherry 1nos,Albizia Lebbek 1nos, Neem 1nos,
	<b>List of proposed native trees :</b>	Please Refer Below list of native tree
	<b>Timeline for completion of plantation :</b>	At the end of construction phase

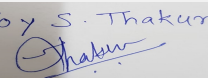
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	7	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	7	Evergreen timber plant, ornamental
3	Mimusopes elengi	Bakul	7	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	7	Evergreen & bird attracting tree
5	Cassia fistula	Golden Shower	7	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame Tree	8	Used in pesticide & dye preparation,
7	Cassia grandis	Pink Shower	7	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sita Ashok	13	Evergreen medicinal plant
9	Roystonea regia	Royal Palm	7	Nitrogen fixer, ornamental plant
10	Syzygium cumini	Jambhul	3	Fruit tree & bird attracting
11	Neolamarkia cadamba	Kadamb Tree	7	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango Tree	11	Evergreen & bird attracting tree
13	Pongamia pinnata	Karanj	8	Evergreen Flowering and timber plant
14	Polyalthia longifolia	Ashoka	8	Evergreen medicinal and fruit plant
15	Phyllanthus officinalis	Awala	8	Holy basil is an important medicinal
16	Ocimum tenuiflorum	Ram Tulas	8	Traditional medicinal Plant
17	Azadirachta Indica	Neem	8	Evergreen tree, timber yielding and medicinal plant
18	Albizia lebbek	Shirish	4	Evergreen timber plant, ornamental

#### 45.Total quantity of plants on ground

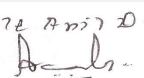
#### 46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Lawn	1 ft	197.46
2	Shrubbery	1 ft	46.68

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## 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	11 KW
	<b>DG set as Power back-up during construction phase</b>	1 DG set of 30 KVA
	<b>During Operation phase (Connected load):</b>	1772.84 KW
	<b>During Operation phase (Demand load):</b>	820.45 KVA
	<b>Transformer:</b>	1 nos.X 315kva, 1 nos.X 630 kva
	<b>DG set as Power back-up during operation phase:</b>	1 DG Set of 300 kva
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

### 48. Energy saving by non-conventional method:

Total Energy saving : 26 % Savings  
Energy saving due to solar :i.e. ( 82 % Savings)

### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Cell	15576
2	Solar Hot Water	489355
3	Energy Saving energy efficient light fittings	630.72

### 50. Details of pollution control Systems

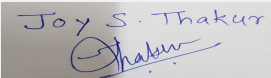
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	1245000/-
	<b>O &amp; M cost:</b>	570400/-

## 51. Environmental Management plan Budgetary Allocation

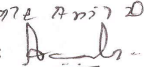
### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	1.93
2	Land	Labour Camp toilets & sanitation	2.40

  
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3	Health and Safety	Labour Safety Equipments and training	4
4	facility	Disinfection and Health Check-ups	0.51
5	Environment Management	Environmental Monitoring	0.84

**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	210KLD -MBBR Technology	57.20	9.50
2	Solid Waste Management	Smart Drum Composter	16.75	4.19
3	Landscaping	Development and Maintenance	16.77	1.16
4	Rain Water Harvesting	Recharge pits with bore well	2.46	0.20
5	Energy Saving	Solar PV panels	15.5	0.77
6	Swimming Pool	-	12.47	4.68
7	Environmental Monitoring	-	-	0.84

**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:	Proposed site is located at Thergaon. The road network within the site has been designed to cater to the traffic loads of the project
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<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	4486.86 sq.m.
	<b>Total Parking area:</b>	7140 sq.m.
	<b>Area per car:</b>	12.5 sq.m.
	<b>Area per car:</b>	12.5 sq.m.
	<b>Number of 2-Wheelers as approved by competent authority:</b>	680 nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	170 nos.
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m wide internal road is provided and 9 m. Turning radius will be provided.
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8(a) Building and Construction Project
	<b>Court cases pending if any</b>	No
	<b>Other Relevant Informations</b>	Proposed residential project at Thergaon .
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 106 of 144</b>	<b>Name: K 072 Anil D.</b> <b>Signature: Anil Kale</b> <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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**Environment Clearance for Proposed residential scheme at- S.no. 23(P), At. Thergaon, Pune by M/s. Shivam Development Ventures LLP.**

PP submitted their application for prior Environmental clearance for total plot area of 10075 Sq. Mtrs, BUA of 41420.48 Sq. Mtrs and FSI area of 20949.79 Sq. Mtrs and Non FSI area of 20470.69 sq mtrs. PP proposes to construct 4 no. of residential buildings.

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**

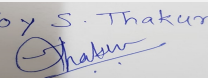
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) 1. PP to submit parking layout plan for all the level.
- 2) 2. PP to submit vertical cross section showing the ramp.
- 3) 3. PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 4) 4. PP to submit tree cutting NOC.
- 5) 5. PP to submit CFO NOC.
- 6) 6. PP to submit water supply NOC.
- 7) 7. PP to submit drainage NOC.
- 8) 8. PP to submit revised EMP.
- 9) 9. 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. With details of fund utilization & agreement with executor.
- 10) 10. PP to submit debris management plan with NOC.
- 11) 11. PP to submit revised plot boundary details.
- 12) 12. PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 13) 13. PP to submit cross section of UGT.
- 14) 14. PP to submit revised tree list by removing shrub.

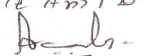
**FINAL RECOMMENDATION**

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

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Joy S. Thakur (Secretary  
SEAC-III)

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

## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

**Subject:** Environment Clearance for Environment Clearance for proposed Residential project '12 Royal Park' by c at S.No.12/3A & 12/6 , Haveli, Balewadi Pune.

**Is a Violation Case:** No

1.Name of Project	'12 Royal Park'
2.Type of institution	Private
3.Name of Project Proponent	S.No.12/3A & 12/6
4.Name of Consultant	Sneha Hi-Tech products
5.Type of project	Housing Project(Residential project)
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No.12/3A & 12/6
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Mr. Sunil.H.Adwani
Room Number:	309-310,
Floor:	Third Floor,
Building Name:	Rainbow Plaza,
Road/Street Name:	Shivar Chowk,
Locality:	Rahtani, Haveli,
City:	Pune-411017.
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: In Process Approved Built-up Area: 68849.12
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	N/A. (IOD in Process)
15.Total Plot Area (sq. m.)	15,826 sq.mt.
16.Deductions	4,342.47 sq.mt.
17.Net Plot area	11,483.53 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 36,747.28 sq.mt. b) Non FSI area (sq. m.): 32,101.84 sq.mt. c) Total BUA area (sq. m.): 68849.12
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 36747.28 sq.mt. Approved Non FSI area (sq. m.): 32101.84 sq.mt. Date of Approval: 01-01-1900
19.Total ground coverage (m2)	4631.31 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.3 %
21.Estimated cost of the project	1350000000

## 22.Number of buildings & its configuration

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 108 of 144</b>	<b>Name: Kote Anil D.</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg. A	B+B1+P+18 Floors	57.50 m
2	Bldg. B	B+B1+P+18 Floors	57.50 m
3	Bldg. C	B+B1+P+18 Floors	57.50 m
4	Bldg. D	B+B1+P+18 Floors	57.50m
5	Bldg E	B+B1+P+18 Floors	57.50 m
6	Bldg. F	B+B1+P+18 Floors	57.50 m
7	Bldg. G (MHADA)	G +07 Floors	24.00 m

23.Number of tenants and shops	Total tenants: 420 Res.Apt .416 Nos & Shops: 4 nos.
24.Number of expected residents / users	Residential users: 2100 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))	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	7.50 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

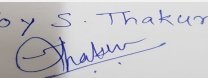
### 31.Production Details

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

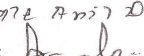
 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 109 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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Dry season:	Source of water	PMC/Recycled								
	Fresh water (CMD):	189.26 m3/day								
	Recycled water - Flushing (CMD):	94.83 m3/day								
	Recycled water - Gardening (CMD):	5.7 m3/day								
	Swimming pool make up (Cum):	5 m3/day								
	Total Water Requirement (CMD) :	289.7 m3/day								
	Fire fighting - Underground water tank(CMD):	375 m3								
	Fire fighting - Overhead water tank(CMD):	25 m3								
	Excess treated water	160.85 m3/day								
Wet season:	Source of water	PMC/Recycled								
	Fresh water (CMD):	189.26 m3/day								
	Recycled water - Flushing (CMD):	94.83 m3/day								
	Recycled water - Gardening (CMD):	Nil								
	Swimming pool make up (Cum):	Nil								
	Total Water Requirement (CMD) :	284.09m3/day								
	Fire fighting - Underground water tank(CMD):	375 m3								
	Fire fighting - Overhead water tank(CMD):	25 m3								
	Excess treated water	165.7 m3/day								
Details of Swimming pool (If any)	Size : 6m x 13m x 1.2m									
<b>33.Details of Total water consumed</b>										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

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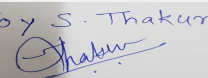
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season - 13.33 m. to 15.67 m. BGL. (14.50 M. Average) Rainy Season - 6.33 m. to 8.33 BGL. (7.33 M. Average) Winter Season - 9.83 m. to 12.00 m. BGL. ( 10.915 M. Average)
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	8 nos
	<b>Size of recharge pits :</b>	2.00 m. X 2.00 m. X 1.75 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.
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 9.50 Lakh.
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs.0.50 Lakh / year
	<b>Details of UGT tanks if any :</b>	Fire tank- 375 m3 capacity Domestic water Tank- 285 m3 Flushing water tank- 110 m3

<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per Contour
	<b>Quantity of storm water:</b>	6,986.66 m3 / Year i.e. 139.73 m3 / Day, Considering 849.30 mm. annual rain fall in 50 days averagely.
	<b>Size of SWD:</b>	600 mm

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	255.68 m3/day
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	1 STP of 260 m3/day
	<b>Location &amp; area of the STP:</b>	From DECPL
	<b>Budgetary allocation (Capital cost):</b>	Rs. 57 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 14.1 Lakhs/annum

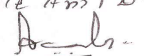
### 36. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	12.5 kg/day from labours
	<b>Disposal of the construction waste debris:</b>	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be used for backfilling and remaining will be hand over to authorize vendor.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	419 kg/day
	<b>Wet waste:</b>	626 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	26 kg/day
	<b>Others if any:</b>	E waste: 1050 kg/year

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SWACHH agency for further handling and disposal
	<b>Wet waste:</b>	Will be converted to compost using Organic Waste Converter [OWC]
	<b>Hazardous waste:</b>	Handed over to authorized Vendor
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for gardening
	<b>Others if any:</b>	Sale to authorized vendor
<b>Area requirement:</b>	<b>Location(s):</b>	On Ground
	<b>Area for the storage of waste &amp; other material:</b>	13.5 Sq.m out of 67.5 Sq.m.
	<b>Area for machinery:</b>	54 sq.m. out of 67.5 Sq.m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.20.75 Lakhs
	<b>O &amp; M cost:</b>	Rs. 4.63 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

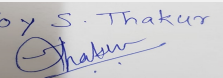
### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 40.Details of Fuel to be used

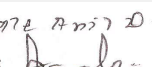
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

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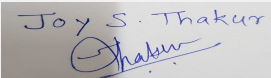


<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1148.70 Sq.m.
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	142
	<b>List of proposed native trees :</b>	All native trees proposed which are listed below
	<b>Timeline for completion of plantation :</b>	Till completion of construction phase.

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

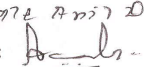
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	5	Shady tree, yellowish green fragrant flowers
2	Azadiracta indica	Neem	5	Evergreen tree, fast growing
3	Saraca asoka	Sita Ashok	5	Shady tree with red-yellow flowers
4	Anthocephallus cadamba	Kadamb	5	Shady, large tree, ball shaped flowers.
5	Lagerstroemia flos-regineae	Tamhan	5	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	15	Dense ornamental, fruit bearing tree
10	Psidium guajava	Peru	10	Medium size , fruit bearing tree
11	Ficus retusa	Nandruk	5	Medium sized evergreen tree, Shady tree.
12	Michelia champaca	Son chafa	8	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Terminalia catapa	Badaam	5	Drought tolerant
14	Terminalia arjuna	Arjuna	5	Large evergreen tree
15	Lagerstromia Lanceolata	Crape-myrtle	5	Medium deciduous tree. Flowers attract many birds.
16	Dalbergia latifolia	Shisham, Indian Rosewood	5	Drought tolerant
17	Terminalia paniculata	Kindal	5	Drought tolerant
18	Samanea saman	Rain tree	4	Large deciduous tree. Flowering
19	Tabebuia avellanedae	Tabebuia Pink	5	Large deciduous tree. Pink flowering
20	Tabebuia argentea	Tabebuia Yellow	5	Deciduous tree, ornamental, yellow flowers
21	Swietenia mahagoni	Mahagony	5	Large evergreen tree
22	Plumeria alba	Chafa	10	Fragrant white-yellow flowers

#### 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	Enclosed	Enclosed	Enclosed

**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra State Electricity Distribution Company Ltd.
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	1 nos. x 40 KVA
	<b>During Operation phase (Connected load):</b>	3099 KVA
	<b>During Operation phase (Demand load):</b>	1247 KVA
	<b>Transformer:</b>	2 nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 nos. x 200 KVA , 1 nos. x 62.5 KVA for MHADA
	<b>Fuel used:</b>	HSD
<b>Details of high tension line passing through the plot if any:</b>	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 CFL, T5 Lamps & LED lights.

**49.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	Overall Saving	Percentage Savings Per Day is 14.77 %

**50.Details of pollution control Systems**

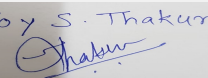
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.61.28 Lakhs
	<b>O &amp; M cost:</b>	Rs.2.07 Lakhs/Annum

**51.Environmental Management plan Budgetary Allocation**

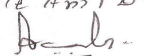
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a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	To control air pollution	Water For Dust Suppression	2				
2	To maintain hygienic condition	Site Sanitation Safety& Disinfection	7				
3	Air, water, noise and soil analysis	Environmental Monitoring	2				
4	Health Check Up	To check fitness of workers	2				
5	Environment Management cell	To prepare team for environmental management	5				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Rain Water Harvesting	To harvest rain water	9.5	0.5			
2	Sewage Treatment Plant	To treat sewage	57.0	14.1			
3	Organic Waste Composting	To treat biodegradable solid waste	20.75	4.63			
4	Tree Plantation	For green belt development	11.55	4.44			
5	Energy saving	For use of solar lighting and solar heater	61.28	2.07			
6	Environment Monitoring	Air, water, noise and soil analysis	--	3			
7	Basement Ventilation	Ventilation for basement	70.0	4.0			
8	Environment Management Cell	To manage environmental issues	--	3			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							

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	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	1 no.
<b>Parking details:</b>	<b>Number and area of basement:</b>	2 Basement Area:12,473.06 sq.m
	<b>Number and area of podia:</b>	1 Podium Area: 4,631.31 sq.m.
	<b>Total Parking area:</b>	17,104.37 Sq.m.
	<b>Area per car:</b>	B1: 35 Sq.m , B2: 35 Sq.m, G: 25 Sq.m
	<b>Area per car:</b>	B1: 35 Sq.m , B2: 35 Sq.m, G: 25 Sq.m
	<b>Number of 2-Wheelers as approved by competent authority:</b>	368 nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	540 nos.
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 (a), B2
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Due to data migration,the access to MoEFCC(Maharashtra)/PARIVESH portal will not be available from 14th Aug, 2018 to 21st Aug, 2018. Hence we are submitting proposal only on ECMPCB portal. We will submit it on MOEFCC- Maharashtra once website is accessible.
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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**Environment Clearance for Environment Clearance for proposed Residential project at S.No.12/3A & 12/6 , Haveli, Balewadi Pune by '12 Royal Park'.**

PP submitted their application for prior Environmental clearance for total plot area of 15826 Sq. Mtrs, BUA of 68849.12 Sq. Mtrs and FSI area of 36747.28 Sq. Mtrs and Non FSI area of 32101.84 sq mtrs. PP proposes to construct 7 no. of residential buildings.

**DECISION OF SEAC**

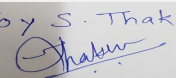
*PP remains absent, hence committee decided to defer the proposal.*

Specific Conditions by SEAC:

**FINAL RECOMMENDATION**

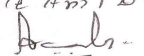
Kindly find SEIAA decision above.

SEAC-AGENDA-0000000148

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## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

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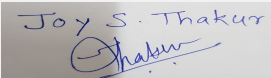
**Subject:** Environment Clearance for Kalyani Nagar 70 IT Project

**Is a Violation Case:** No

1.Name of Project	Kalyani Nagar 70 IT Project
2.Type of institution	Private
3.Name of Project Proponent	Panchshil Realty & Developers Pvt Ltd.
4.Name of Consultant	MITCON Consultancy and Engineering Services Limited
5.Type of project	IT
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 222 Final Plot No 70.
9.Taluka	Haveli
10.Village	Kalyani Nagar
Correspondence Name:	Mr. Anand Sanghavi
Room Number:	NA
Floor:	NA
Building Name:	Panchshil Realty & Developers Pvt. Ltd. Tech Park One, Tower 'E'
Road/Street Name:	NA
Locality:	Off Airport Road, Yerwada, Pune-412006
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied
	<b>Approved Built-up Area:</b> 46755
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI to be applied
15.Total Plot Area (sq. m.)	8130.00
16.Deductions	729.00
17.Net Plot area	7401.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 25839
	b) Non FSI area (sq. m.): 3946
	c) Total BUA area (sq. m.): 46755
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 25839
	Approved Non FSI area (sq. m.): 3946
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	1480 Sq Mt
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20
21.Estimated cost of the project	690000000

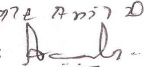
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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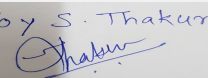
1	1 Building	7 office floors	45 M
23.Number of tenants and shops	NA		
24.Number of expected residents / users	2291		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 M		
28.Turning radius 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	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

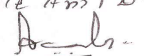
### 32.Total Water Requirement

Dry season:	Source of water	PMC/Tanker
	Fresh water (CMD):	71.75 CMD
	Recycled water - Flushing (CMD):	53.50 CMD
	Recycled water - Gardening (CMD):	2.5 CMD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	127.75 CMD
	Fire fighting - Underground water tank(CMD):	100 CM
	Fire fighting - Overhead water tank(CMD):	20 CMD/staircase Total=40 CMD
	Excess treated water	59 CMD

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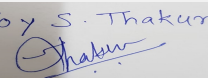
Wet season:	Source of water	PMC/Tanker
	Fresh water (CMD):	71.75 CMD
	Recycled water - Flushing (CMD):	53.50 CMD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	61.50 CMD
	Fire fighting - Underground water tank(CMD):	200 CM
	Fire fighting - Overhead water tank(CMD):	20 CMD/staircase Total=40 CMD
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

### 33.Details of Total water consumed

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

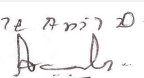
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	As per Report
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	2
	Size of recharge pits :	3.0 x 3.0 x 2.25 m
	Budgetary allocation (Capital cost) :	1 lac/Annum
	Budgetary allocation (O & M cost) :	0.25 lac/Annum
	Details of UGT tanks if any :	NA

35.Storm water drainage	Natural water drainage pattern:	Plain
	Quantity of storm water:	12.16 Cum/Min
	Size of SWD:	600mm dia. Pipe

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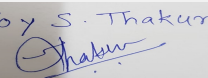
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	111.75 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	115 CMD
	<b>Location &amp; area of the STP:</b>	Ground
	<b>Budgetary allocation (Capital cost):</b>	50.0 lac (Including Civil)
	<b>Budgetary allocation (O &amp; M cost):</b>	5.0 lac/Annum

### 36. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavation in soft strata.- 16767 Cum Excavation in hard rock strata. - 41222 Cum
	<b>Disposal of the construction waste debris:</b>	Inside the premises only
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	241 Kg/ Day
	<b>Wet waste:</b>	103 Kg/ Day
	<b>Hazardous waste:</b>	Nil
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	13 kg/d
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Swach
	<b>Wet waste:</b>	Wet waste will be treated in OWC & manure will be used for landscaping & gardening.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure for landscape development
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	66 Sq Mt
	<b>Area for machinery:</b>	3 M x 4 M for Composting Machine
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	5.22 Lac
	<b>O &amp; M cost:</b>	0.50 Lac/ Annum

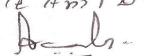
### 37. Effluent Charecterestics

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			

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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	Spent Oil	5.1	Litre/annum	Not applicable	1000	1000	Will be handed to MPCB authorized vendor

### 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	1250 KVA	HSD 165 ltrs/ Day	3	15	0.4 mtrs	562 Deg.C.

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	4500 Lts/ Month	4500 Lts/ Month

41.Source of Fuel

Authorized Vendor

42.Mode of Transportation of fuel to site

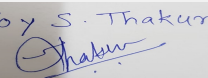
By road

### 43.Green Belt Development

<b>Total RG area :</b>	740 Sq Mt
<b>No of trees to be cut :</b>	NA
<b>Number of trees to be planted :</b>	136
<b>List of proposed native trees :</b>	Given Below
<b>Timeline for completion of plantation :</b>	At the time of completion of project

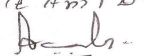
### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	MIMUSOPS ELENGI	BAKUL	21	ORNAMENTAL,EVERGREEN,MECICINAL USE.
2	BARINGTONIA ACUTANGULA	NEVAR	26	EVERGREEN , WOOD FOR CONSTRUCTION
3	LAGERSTROMIA SPECIOSA	TAMAN	33	ORNAMENTAL,DECIDOUS,MEDICIAL USES, TOXIN ABSORBANT
4	CASSIA FISTULA	BAHAWA	32	ORNAMENTAL,DECIDOUS,MEDICIAL USES
5	STERCULIA FOETIDA	JUNGLI BADAM	25	ORNAMENTAL,DECIDUOUS, MEDICAL USES

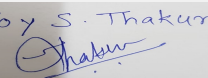
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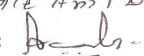
Name: K. Anil Kale  
  
 Shri. Anil Kale (Chairman SEAC-III)

45.Total quantity of plants on ground			
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>			
Serial Number	Name	C/C Distance	Area m2
1	LAWN	NA	497.138
<b>47.Energy</b>			
<b>Power requirement:</b>	Source of power supply :	MSEDCL	
	During Construction Phase: (Demand Load)	250 KW	
	DG set as Power back-up during construction phase	320 KVA	
	During Operation phase (Connected load):	4138 KW	
	During Operation phase (Demand load):	2614 KW	
	Transformer:	2X1600 KVA	
	DG set as Power back-up during operation phase:	3X1250 KVA	
	Fuel used:	HSD	
	Details of high tension line passing through the plot if any:	Not Applicable	
<b>48.Energy saving by non-conventional method:</b>			
Yes			
<b>49.Detail calculations &amp; % of saving:</b>			
Serial Number	Energy Conservation Measures	Saving %	
1	Conventional T8 FTL with Magnetic Ballasts (2x36W) . VS. Energy Efficient T5 FTL with HF Electronic Ballasts (2x28W)	20 %	
2	Conventional Transformer against Low loss Transformer	20 %	
<b>50.Details of pollution control Systems</b>			
Source	Existing pollution control system	Proposed to be installed	
STP	Not applicable	115 CMD	
OWC	Not applicable	Model 30 (100 Kg/ day)	
DG Set	Not applicable	3X1250 KVA	
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	Capital cost:	30	
	O & M cost:	0.15	
<b>51.Environmental Management plan Budgetary Allocation</b>			

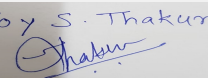
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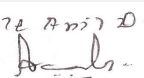
Name: K. Anil Kale  
  
 Shri. Anil Kale (Chairman SEAC-III)

<b>a) Construction phase (with Break-up):</b>				
<b>Serial Number</b>	<b>Attributes</b>	<b>Parameter</b>	<b>Total Cost per annum (Rs. In Lacs)</b>	
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	5.44	
2	Air Environment	Water For Dust Suppression	6.00	
3	Air Environment	Air & Noise monitoring	4.84	
4	Water Environment	Tanker water for construction	0.96	
5	Water Environment	Water monitoring	0.04	
6	Land Environment	Site Sanitation	7.56	
7	Land Environment	Gardening	4.00	
8	Socio- Economic Environment	Disinfection- Pest Control	7.20	
9	Socio- Economic Environment	First Aid Facilities	0.18	
10	Socio- Economic Environment	Health Check Up	3.30	
11	Socio- Economic Environment	Crèche for children	4.2	
12	Socio- Economic Environment	Personal protective equipment	2.44	
<b>b) Operation Phase (with Break-up):</b>				
<b>Serial Number</b>	<b>Component</b>	<b>Description</b>	<b>Capital cost Rs. In Lacs</b>	<b>Operational and Maintenance cost (Rs. in Lacs/yr)</b>
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	NA	12.74
2	Water	RWH	1 lac/Annum	0.25 lac
3	Water	STP	50.0 lac (Including Civil)	5.0 lac
4	Energy	Solar PV Cells	30	0.15
5	Land Environment	Gardening	20	2.0
6	Solid waste	Solid waste management	5.22 Lac	0.50 Lac/ Annum
7	Solid waste	E-waste management	2	0.5
8	Solid waste	Top soil management	2	0.5
<b>51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)</b>				

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

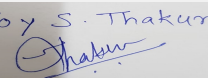
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

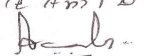
### 53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	One
Parking details:	Number and area of basement:	B1, B2, B3 Area - 16970 Sq M
	Number and area of podia:	One , Area - 4313.22 Sq Mt
	Total Parking area:	9321 Sq Mt
	Area per car:	12.50
	Area per car:	12.50
	Number of 2-Wheelers as approved by competent authority:	1236
	Number of 4-Wheelers as approved by competent authority:	515
	Public Transport:	Nearest bus stop
	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) Building and Construction projects
	Court cases pending if any	NA
	Other Relevant Informations	NA

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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisied in brief information of Project as below.

### Brief information of the project by SEAC

#### **Environment Clearance for Kalyani Nagar 70 IT Project Survey No 222 Final Plot No 70 Tal-Haveli,Pune by Panchshil Realty & Developers Pvt Ltd..**

PP submitted their application for prior Environmental clearance for total plot area of 8130 Sq. Mtrs, BUA of 46755 Sq. Mtrs and FSI area of 25839 Sq. Mtrs and Non FSI area of 3946 sq mtrs. PP proposes to construct 1 no. of IT building.

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 prior environmental Clearance, subject to PP complying with the above conditions.***

#### **Specific Conditions by SEAC:**

- 1) PP to submit revised debris management plan with NOC.
- 2) 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. With details of fund utilization & agreement with executor.
- 3) PP to submit revised STP drawing and ensure aeration tank open to sky.
- 4) PP to submit drainage NOC.
- 5) PP to submit sewer line connectivity up to final disposal point. Also submit the inverts level of Municipal sewer line.
- 6) PP to submit cross section of UGT.
- 7) PP to submit tree cutting NOC.
- 8) PP to submit indemnity bond for project land.

### FINAL RECOMMENDATION

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

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 126 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

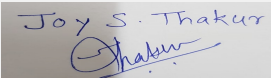
**Subject:** Environment Clearance for Proposed IT Park

**Is a Violation Case:** No

1.Name of Project	Proposed IT Park
2.Type of institution	Private
3.Name of Project Proponent	New Level Business LLP
4.Name of Consultant	Enviro Resources
5.Type of project	IT
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	Not applicable
8.Location of the project	Survey No 210 Final Plot No 71
9.Taluka	Haveli
10.Village	Kalyani Nagar
Correspondence Name:	Mr.Anand Sanghavi
Room Number:	00
Floor:	4th Floor
Building Name:	Tech Park One, Tower "E",
Road/Street Name:	S. No 191A/2A/1/2, Off Airport Road
Locality:	Yerwada
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied
	<b>Approved Built-up Area:</b>
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI to be applied
15.Total Plot Area (sq. m.)	7787 Sqm
16.Deductions	785.24 sqm
17.Net Plot area	7001.76 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>a) FSI area (sq. m.):</b>
	<b>b) Non FSI area (sq. m.):</b>
	<b>c) Total BUA area (sq. m.):</b> 33634
18 (b).Approved Built up area as per DCR	<b>Approved FSI area (sq. m.):</b> --
	<b>Approved Non FSI area (sq. m.):</b> --
	<b>Date of Approval:</b> 01-01-1900
19.Total ground coverage (m2)	1420.81
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20%
21.Estimated cost of the project	720000000

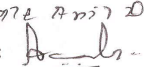
## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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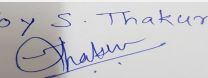
1	1 Building	1 office/floor - 10 offices	54.10
<b>23.Number of tenants and shops</b>	3 floors of retail/showroom 1 retail/showroom per floor		
<b>24.Number of expected residents / users</b>	Not Applicable		
<b>25.Tenant density per hectare</b>	Not Applicable		
<b>26.Height of the building(s)</b>			
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	24m		
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9m		
<b>29.Existing structure (s) if any</b>	Not Any		
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Any		

### 31.Production Details

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

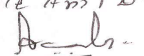
### 32.Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	Pune Municipal Corporation/Tanker
	<b>Fresh water (CMD):</b>	42
	<b>Recycled water - Flushing (CMD):</b>	42
	<b>Recycled water - Gardening (CMD):</b>	3
	<b>Swimming pool make up (Cum):</b>	0
	<b>Total Water Requirement (CMD) :</b>	87
	<b>Fire fighting - Underground water tank(CMD):</b>	200 CMD
	<b>Fire fighting - Overhead water tank(CMD):</b>	40 CMD
	<b>Excess treated water</b>	27 CMD

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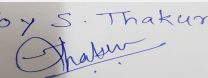
Wet season:	Source of water	Pune Municipal Corporation/Tanker
	Fresh water (CMD):	42
	Recycled water - Flushing (CMD):	42
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	84
	Fire fighting - Underground water tank(CMD):	200 CMD
	Fire fighting - Overhead water tank(CMD):	40 CMD
	Excess treated water	27 CMD
Details of Swimming pool (If any)	Not Applicable	

### 33.Details of Total water consumed

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

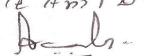
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	as per the hydrogeology report
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	As per the RWH layout
	Quantity of recharge pits:	2
	Size of recharge pits :	2.75 x 2.75 x 2.0 m
	Budgetary allocation (Capital cost) :	Rs. 0.9 Lakhs
	Budgetary allocation (O & M cost) :	Rs.0.25 Lakhs/annum
	Details of UGT tanks if any :	--

35.Storm water drainage	Natural water drainage pattern:	As per the contour layout
	Quantity of storm water:	11.47 Cum/Min
	Size of SWD:	600mm dia. Pipe

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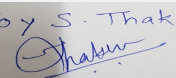
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	72
	<b>STP technology:</b>	MBBR/FAB
	<b>Capacity of STP (CMD):</b>	No.of STP:1 and capacity of STP: 72 CMD
	<b>Location &amp; area of the STP:</b>	As per the Services layout
	<b>Budgetary allocation (Capital cost):</b>	Rs.42.0 lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs.40 lakhs/annum

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavation soft rock - 18345.25 Excavation Hard Rock - 55035.75
	<b>Disposal of the construction waste debris:</b>	This material will be used for back filling and leveling of the plot and remaining will be disposed to authorized sites.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	206 kg/day
	<b>Wet waste:</b>	88 Kg/day
	<b>Hazardous waste:</b>	negligible
	<b>Biomedical waste (If applicable):</b>	Not Any
	<b>STP Sludge (Dry sludge):</b>	13 Kg/day
	<b>Others if any:</b>	Not Any
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to authorised vendor SWACH
	<b>Wet waste:</b>	Will be treated in OWC
	<b>Hazardous waste:</b>	Will be handed over to authorised vendor
	<b>Biomedical waste (If applicable):</b>	Not Any
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for landscaping
	<b>Others if any:</b>	Not Any
<b>Area requirement:</b>	<b>Location(s):</b>	On ground
	<b>Area for the storage of waste &amp; other material:</b>	0
	<b>Area for machinery:</b>	0
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.5.22 Lakhs
	<b>O &amp; M cost:</b>	Rs.0.50 Lakhs/annum

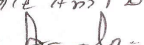
### 37.Effluent Charecterestics

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			

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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	Spent Oil	5.1	Litre/annum	Not applicable	1000	1000	Will be handed to MPCB authorized vendor

### 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	800	HSD	3	15	0.4	484Deg.C

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	3500 Litres/ Month	3500 Litres/ Month

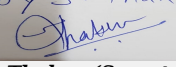
41.Source of Fuel Authorized Vendor

42.Mode of Transportation of fuel to site By road

<b>43.Green Belt Development</b>	Total RG area :	0
	No of trees to be cut :	0
	Number of trees to be planted :	157
	List of proposed native trees :	Given as below
	Timeline for completion of plantation :	Till the time of 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	Mimusops Elengi	Bakul	48	Ornamental, Evergreen, Medicinal Use.
2	Populus Sp	Popular	19	Ornamental, Deciduous Tree
3	Barringtonia Acutangula	Nevar	23	Evergreen , Wood For Construction
4	Lagerstromia Speciosa	Taman	19	Ornamental, Deciduous, Medicinal Uses, Toxin Absorbant
5	Bauhinia Tomentosa	Piwala Kanchan	6	Evergreen, Medicinal Uses
6	Erythrina Varigata	Pangara	12	Ornamental, Deciduous, Medicinal Uses

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7	Sterculia Foetida	Jungli Badam	30	Ornamental,Deciduous,Medical Uses
8	Total	--	157	--

**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	Lawn	0	1065.576
2	Murraya Paniculata	300mm C/C	218.841
3	Clerodendron Inerme	300mm C/C	99.979

**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	200 KW
	<b>DG set as Power back-up during construction phase</b>	250 KVA
	<b>During Operation phase (Connected load):</b>	2890 KW
	<b>During Operation phase (Demand load):</b>	1825 KW
	<b>Transformer:</b>	2X1000 KVA
	<b>DG set as Power back-up during operation phase:</b>	3X800 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

**48.Energy saving by non-conventional method:**

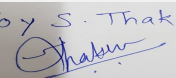
Conventional T8 FTL with Magnetic Ballasts (2x36W). VS. Energy Efficient T5 FTL with HF Electronic Ballasts (2x28W)  
Conventional Transformer against Low loss Transformer

**49.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	Conventional T8 FTL with Magnetic Ballasts (2x36W). VS. Energy Efficient T5 FTL with HF Electronic Ballasts (2x28W)	20 percent
2	Conventional Transformer against Low loss Transformer	20 percent

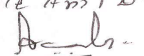
**50.Details of pollution control Systems**

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	72 KL MBBR/FAB

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

OWC	Not applicable	OWC 30
DG Set	Not applicable	3 x 800 KVA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	0
	<b>O &amp; M cost:</b>	0

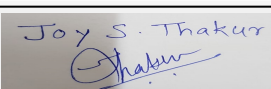
## 51.Environmental Management plan Budgetary Allocation

### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	5.44
2	Air Environment	Water For Dust Suppression	6.00
3	Air Environment	Air & Noise monitoring	4.84
4	Air Environment	Tanker water for construction	0.96
5	Air Environment	Water monitoring	0.04
6	Land Environment	Site Sanitation	7.56
7	Land Environment	Gardening	4.00
8	Socio- Economic Environment	Disinfection- Pest Control	7.20
9	Socio- Economic Environment	First Aid Facilities	0.18
10	Socio- Economic Environment	Health Check Up	3.30
11	Socio- Economic Environment	Crèche for children	4.2
12	Socio- Economic Environment	Personal protective equipment	2.44

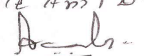
### b) Operation Phase (with Break-up):

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	0	12.74
2	Water	RWH	1	0.25
3	Water	STP	42.00	40.00
4	Energy	Solar PV Cells	30.00	0.15
5	Land Environment	Gardening	20.00	2.00
6	Solid waste	Solid waste management	10	1.5

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

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

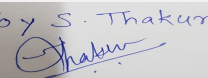
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## 52.Any Other Information

No Information Available

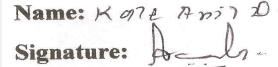
## 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	3
	Number and area of podia:	3 Podium
	Total Parking area:	6516 sqm
	Area per car:	12.50
	Area per car:	12.50
	Number of 2-Wheelers as approved by competent authority:	864
	Number of 4-Wheelers as approved by competent authority:	360
	Public Transport:	bus Stop
	Width of all Internal roads (m):	9m
	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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**Shri. Anil Kale (Chairman SEAC-III)**

	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

#### **Environment Clearance for Proposed IT Park at Survey No 210 Final Plot No 71Tal-Haveli,Pune by New Level Business LLP.**

PP submitted their application for prior Environmental clearance for total plot area of 7787 Sq. Mtrs, BUA of 33634 Sq. PP proposes to construct 1 no.IT building.

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 prior environmental Clearance, subject to PP complying with the above conditions.***

#### **Specific Conditions by SEAC:**

- 1) PP to submit revised STP drawing and insure aeration tank open to sky.
- 2) 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. With details of fund utilization & agreement with executor.
- 3) PP to submit indemnity bond for project land.
- 4) PP to submit CFO NOC.
- 5) PP to submit water supply NOC.
- 6) PP to submit revised debris management plan with NOC.
- 7) PP to submit tree cutting NOC.

### FINAL RECOMMENDATION

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

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 135 of 144</b>	<b>Name: K 072 Anil D.</b> <b>Signature: </b> <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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## Agenda of 73rd Meeting of SEAC-3 (DAY-1)

**SEAC Meeting number: 73 Meeting Date** October 15, 2018

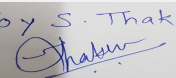
**Subject:** Environment Clearance for 69 Kharadi IT Project

**Is a Violation Case:** No

1.Name of Project	69 Kharadi IT Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Anand Sanghvi
4.Name of Consultant	MITCON Consultancy & Engineering Services Ltd.
5.Type of project	Others: IT 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	Survey No 69 /4 & 69 /5
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Anand Sanghvi
Room Number:	NA
Floor:	4th Floor
Building Name:	Tech Park One, Tower 'E'
Road/Street Name:	Off Airport Road
Locality:	Yerwada
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied
	<b>Approved Built-up Area:</b> 51217
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI to be applied
15.Total Plot Area (sq. m.)	16362.00 Sq. m.
16.Deductions	8598 Sq.m.
17.Net Plot area	7764 Sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 29608
	b) Non FSI area (sq. m.): 21609
	c) Total BUA area (sq. m.): 51217
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 29608
	Approved Non FSI area (sq. m.): 21609
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	1552.80
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20 %
21.Estimated cost of the project	1100000000

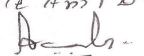
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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**Name:** K. Anil Kale  
**Signature:**   
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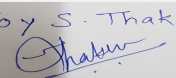
1	One	G+9	41.70
23.Number of tenants and shops	Number of Offices- 18		
24.Number of expected residents / users	Staff - 3932 , Visitors- 175 , Total - 4107		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 Mt		
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

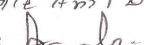
### 32.Total Water Requirement

Dry season:	Source of water	PMC/Tanker
	Fresh water (CMD):	133.5
	Recycled water - Flushing (CMD):	97.5
	Recycled water - Gardening (CMD):	7.0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	238.0
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	40.0
	Excess treated water	110.5

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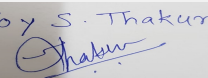
Name: K. Anil Kale  
  
 Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	PMC/Tanker
	Fresh water (CMD):	133.5
	Recycled water - Flushing (CMD):	97.5
	Recycled water - Gardening (CMD):	0.0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	231.0
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	40.0
	Excess treated water	117.5
Details of Swimming pool (If any)	NA	

### 33.Details of Total water consumed

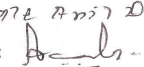
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Domestic	0	238	238	0	11.9	11.9	0	226.1	226.1
Gardening	0	7	7	0	7	7	0	0	0
Fresh water requirement	0	133.5	133.5	0	6.7	6.7	0	126.8	126.8

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	As per Report
	Size and no of RWH tank(s) and Quantity:	3 nos each 2.5m x 2.5m.
	Location of the RWH tank(s):	N.A.
	Quantity of recharge pits:	3 Nos
	Size of recharge pits :	2.5 x 2.5 x 2.25 m
	Budgetary allocation (Capital cost) :	1.5 lac/Annum
	Budgetary allocation (O & M cost) :	0.15 lac/Annum
	Details of UGT tanks if any :	NA

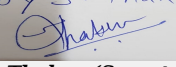
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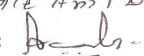
Name: K. Anil Kale  
  
 Shri. Anil Kale (Chairman SEAC-III)

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NA
	<b>Quantity of storm water:</b>	8.72 Cum/Min
	<b>Size of SWD:</b>	450mm dia. Pipe
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	219 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	220 CMD
	<b>Location &amp; area of the STP:</b>	NA
	<b>Budgetary allocation (Capital cost):</b>	90.0 lac (Including Civil)
	<b>Budgetary allocation (O &amp; M cost):</b>	14 lac/Annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavation in soft strata- 16767 Cum Excavation in hard rock strata-41222 Cum
	<b>Disposal of the construction waste debris:</b>	Will be used on site for levelling & back filing
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	431 Kg / Day
	<b>Wet waste:</b>	185 Kg/ Day
	<b>Hazardous waste:</b>	Spent oil: 1000 lit/annum
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	30 Kg/d
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to authorized recycler/vendor- SWaCH
	<b>Wet waste:</b>	Wet waste will be treated in OWC & manure will be used for landscaping & gardening
	<b>Hazardous waste:</b>	Will be handed over to authorized vendor
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure for landscape development
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	100 Sq Mt
	<b>Area for machinery:</b>	3 M x 4 M for Composting Machine
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	8 Lac
	<b>O &amp; M cost:</b>	0.50 Lac/ Annum
<b>37.Effluent Charecterestics</b>		

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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	Spent Oil	5.1	Litre/annum	0	1000	1000	Will be handed to MPCB authorized vendor

### 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- 1250 KVA	HSD 165 ltrs/ Day	3	15	0.4	562 Deg.C.

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	4500 Lts/ Month	4500 Lts/ Month

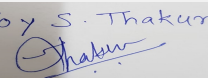
41.Source of Fuel Authorized Vendor

42.Mode of Transportation of fuel to site By Road

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	776.0 Sq. m.
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	135
	<b>List of proposed native trees :</b>	Attached
	<b>Timeline for completion of plantation :</b>	At the time of completion of project

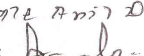
### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	MIMUSOPS ELENGI	BAKUL	86	ORNAMENTAL,EVERGREEN,MECICINAL USE.
2	BARINGTONIA ACUTANGULA	NEVAR	25	EVERGREEN , WOOD FOR CONSTRUCTION

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3	STERCULIA FOETIDA	JUNGLI BADAM	24	ORNAMENTAL,DECIDUOUS,MEDICIAL USES
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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	LAWN	-	882.013
2	MURRAYA PANICULATA	300mm C/C	474.976
3	WADELIA	-	592.790

**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	250 kW
	<b>DG set as Power back-up during construction phase</b>	320 kVA
	<b>During Operation phase (Connected load):</b>	4777 kW
	<b>During Operation phase (Demand load):</b>	3017 kVA
	<b>Transformer:</b>	2 X 1600 kVA
	<b>DG set as Power back-up during operation phase:</b>	3 x 1250 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

**48.Energy saving by non-conventional method:**

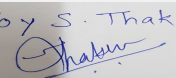
Conventional T8 FTL with Magnetic Ballasts (2x36W) . VS. Energy Efficient T5 FTL with HF Electronic Ballasts (2x28W)= 20 %  
 Conventional Transformer against Low loss Transformer= 20 %

**49.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	Conventional T8 FTL with Magnetic Ballasts (2x36W) . VS. Energy Efficient T5 FTL with HF Electronic Ballasts (2x28W), Conventional Transformer against Low loss Transformer	40 %

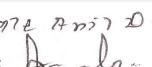
**50.Details of pollution control Systems**

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	220 CMD
OWC	Not applicable	Model 60 (200-300 Kg/ day)
DG Set	Not applicable	3X1250 KVA

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<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	30.0 lakhs
	<b>O &amp; M cost:</b>	0.5 lakhs/annum

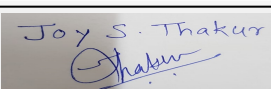
## 51.Environmental Management plan Budgetary Allocation

### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	5.44
2	Air Environment	Water For Dust Suppression	6.00
3	Air Environment	Air & Noise monitoring	4.84
4	Water Environment	Tanker water for construction	0.96
5	Water Environment	Water monitoring	0.04
6	Land Environment	Site Sanitation	7.56
7	Land Environment	Gardening	4.00
8	Socio- Economic Environment	Disinfection- Pest Control	7.20
9	Socio- Economic Environment	First Aid Facilities	0.18
10	Socio- Economic Environment	Health Check Up	3.30
11	Socio- Economic Environment	Crèche for children	4.2
12	Socio- Economic Environment	Personal protective equipment	2.44

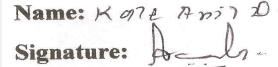
### b) Operation Phase (with Break-up):

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	0	12.74
2	Water	RWH	1 lac/Annum	0.25 lac
3	Water	STP	90.0 lac (Including Civil)	5.0 lac
4	Energy	Solar PV Cells	30	0.15
5	Land Environment	Gardening	20	2.0
6	Solid waste	Solid waste management	5.22 Lac	0.50 Lac/ Annum
7	Solid waste	E-waste management	2	0.5
8	Solid waste	Top soil management	2	0.5

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

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

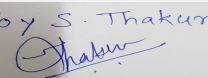
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## 52.Any Other Information

No Information Available

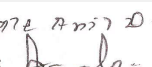
## 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	One
Parking details:	Number and area of basement:	3 Nos Area - 18309 Sq Mt
	Number and area of podia:	NA
	Total Parking area:	10679 Sq Mt
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	1416
	Number of 4-Wheelers as approved by competent authority:	590
	Public Transport:	Nearest bus stop
	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) Building and Construction projects
	Court cases pending if any	NA
	Other Relevant Informations	NA

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

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

**Environment Clearance for 69 Kharadi IT Project, Survey No 69 /4 & 69 /5 Kharadi tal- Haveli. By 69 Kharadi IT Project.**

PP submitted their application for prior Environmental clearance for total plot area of 16362.00 Sq. Mtrs, BUA of 51217 Sq. Mtrs and FSI area of 29608 Sq. Mtrs and Non FSI area of 21609 sq mtrs. PP proposes to construct 1 no. IT building.

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

**Specific Conditions by SEAC:**

- 1) PP to submit water supply NOC.
- 2) PP to submit SWD details up to final disposal point. Also submit the chamber details.
- 3) PP to submit CFO NOC.
- 4) 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. With details of fund utilization & agreement with executor.
- 5) PP to submit revised debris management plan with NOC.
- 6) PP to submit revised STP drawing and insure aeration tank open to sky.
- 7) PP to submit tree cutting NOC.
- 8) PP to submit garden NOC.

### FINAL RECOMMENDATION

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

 <b>Joy S.Thakur (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 73 Meeting Date: October 15, 2018</b>	<b>Page 144 of 144</b>	<b>Name: K. Anil Kale</b>  <b>Signature: Shri. Anil Kale (Chairman SEAC-III)</b>
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