

## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

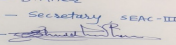
**Subject:** Environment Clearance for '8(b)' Township & Area Development projects

**Is a Violation Case:** No

<b>1.Name of Project</b>	Residential Project "PARK INFINIA"
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. KUMAR PROPERTIES & REAL ESTATE PVT. LTD.
<b>4.Name of Consultant</b>	Green Circle Inc.
<b>5.Type of project</b>	Township
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Yes
<b>8.Location of the project</b>	Survey No. 214(P), 220(P) & 221(P)
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Phursungi
<b>11.Area of the project</b>	Municipal area
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Plant approval from Town planning & valuation department , Pune Branch
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Approval Number: PRH/NASR/581/2014 dated 26th September, 2014
	<b>Approved Built-up Area:</b> 274527.6
<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>	155950
<b>16.Deductions</b>	2410.57
<b>17.Net Plot area</b>	153539.43
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 167553.1
	<b>b) Non FSI area (sq. m.):</b> 106974.5
	<b>c) Total BUA area (sq. m.):</b> 274527.6
<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>
<b>19.Total ground coverage (m2)</b>	32028 sq. m
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	20 %
<b>21.Estimated cost of the project</b>	4900000000

### 22.Number of buildings & its configuration

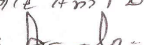
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A type building & 10	P + 12	39
2	B type building & 14	P + 12	39
3	E type building & 5	P + 12	39
4	F type building & 5	P + 12	39
5	G type building & 13	P + 12	39
6	H1 type building & 1	P + 12	39

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Designation - Secretary SEAC-III  
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**S.D.Aher (Secretary SEAC-III)**

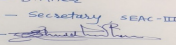
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**Shri. Anil Kale (Chairman SEAC-III)**

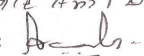
7	H2 type building & 1	P + 12	39	
8	Amenity Building	P + 3	15	
9	Club House Building & 2	G + 1	5	
<b>23.Number of tenants and shops</b>		2278		
<b>24.Number of expected residents / users</b>		11390		
<b>25.Tenant density per hectare</b>		146		
<b>26.Height of the building(s)</b>				
<b>27.Right of way (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>		12 m		
<b>29.Existing structure (s) if any</b>		Yes		
<b>30.Details of the demolition with disposal (If applicable)</b>		NA		
<b>31.Production Details</b>				
<b>Serial Number</b>	<b>Product</b>	<b>Existing (MT/M)</b>	<b>Proposed (MT/M)</b>	<b>Total (MT/M)</b>
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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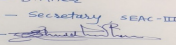
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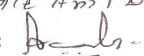

Dry season:	Source of water	Municipal water supply							
	Fresh water (CMD):	1059.04							
	Recycled water - Flushing (CMD):	502.20							
	Recycled water - Gardening (CMD):	120							
	Swimming pool make up (Cum):	5							
	Total Water Requirement (CMD) :	1676.24							
	Fire fighting - Underground water tank(CMD):	900							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	778.41							
Wet season:	Source of water	Municipal water supply							
	Fresh water (CMD):	1059.04							
	Recycled water - Flushing (CMD):	502.20							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	5							
	Total Water Requirement (CMD) :	1556.24							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	898.41							
Details of Swimming pool (If any)	Dimension of Swimming Pool: Swimming Pool Phase - I: 14.17 x 7.3 x 1.20 Swimming Pool Phase - III: 4.3 x 10.3 x 0.45 Total water Requirement: 14 m <sup>3</sup> Water requirement for make up: 5 m <sup>3</sup> /day								
<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>	20 to 22 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>	50 Nos.
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	12.50 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	1 Lakhs
	<b>Details of UGT tanks if any :</b>	<p>PHASE-1</p> <ul style="list-style-type: none"> <li>• Domestic Water tank Capacity: 331.35 m<sup>3</sup></li> <li>• Recycled Water tank Capacity: 105.75 m<sup>3</sup></li> <li>• Fire Fighting tank Capacity: 300 m<sup>3</sup></li> </ul> <p>PHASE-2</p> <ul style="list-style-type: none"> <li>• Domestic Water tank Capacity: 463.89 m<sup>3</sup></li> <li>• Recycled Water tank Capacity: 148.05 m<sup>3</sup></li> <li>• Fire Fighting tank Capacity: 300 m<sup>3</sup></li> </ul> <p>PHASE-3</p> <ul style="list-style-type: none"> <li>• Domestic Water tank Capacity: 785.82 m<sup>3</sup></li> <li>• Recycled Water tank Capacity: 368.30 m<sup>3</sup></li> <li>• Fire Fighting tank Capacity: 300 m<sup>3</sup></li> </ul>
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Yes
	<b>Quantity of storm water:</b>	898.41
	<b>Size of SWD:</b>	350 mm dia
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1400.61
	<b>STP technology:</b>	Activated Sludge Process
	<b>Capacity of STP (CMD):</b>	4 No. & Total STP capacity 1500 KLD (Phase I = 300 KLD, Phase II = 200+200 KLD, Phase III = 800 KLD).
	<b>Location &amp; area of the STP:</b>	Phase I : Near A7-Building & area=83.125 Sq.m, Phase II : Near E3-Building & area=108.72 Sq.m, Phase III: Near F1-Building & area = 544.425 Sq.m
	<b>Budgetary allocation (Capital cost):</b>	356.25 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	93.62 Lakhs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	67.5 kg/day
	<b>Disposal of the construction waste debris:</b>	reuse in filling low lying area
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	2050 kg/day
	<b>Wet waste:</b>	3076 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	120 kg/day
	<b>Others if any:</b>	NA

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Hand over to authorized agency
	<b>Wet waste:</b>	Convert to Bio-manure through Organic waste Processor
	<b>Hazardous waste:</b>	Used oil
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Use as a manure for gardening purpose
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Near STP locations
	<b>Area for the storage of waste &amp; other material:</b>	100 Sq.m
	<b>Area for machinery:</b>	300 Sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	65 Lakhs
	<b>O &amp; M cost:</b>	12 Lakhs

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	6.0 - 8.5	5.5 - 9.0	6.5 - 9.0
2	Oil & Grease	mg/L	10 - 20	< 10	10
3	BOD	mg/L	200 - 250	< 10	10
4	COD	mg/L	350 - 450	< 60	50
5	TSS	mg/L	150 - 200	< 10	20
6	Total Nitrogen	mg/L	120	< 50	50
7	Nitrate	mg/L	15-16	< 10	10
8	Dissolve PO4	mg/L	13 -15	< 5	5
9	Fecal Coliform	MPN/100 mL	1000000	NIL	Absent
10	Detergent	ppm	15	< 5	5
11	Floating Matter	ppm	50	< 10	10

Amount of effluent generation (CMD): Not applicable

Capacity of the ETP: Not applicable

Amount of treated effluent recycled : Not applicable

Amount of water send to the CETP: Not applicable

Membership of CETP (if require): Not applicable

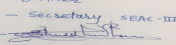
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

### 38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used oil from DG set	5.1	Litres/yr	100	100	200	Sold to authorized recyclers

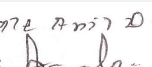
### 39. Stacks emission Details

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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing: 1 x 125 KVA & 1 x 160 KVA & 1 x 180 KVA	Diesel: 90 L/hr	1	43	0.3	290 oC
2	Proposed: 1 No. x 320 KVA & 1 No. x 180 KVA	Diesel: 95 L/hr	1	43	0.3	290 oC

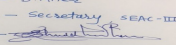
#### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	90 L/hr	95 L/hr	185 L/hr
41.Source of Fuel		Local Market		
42.Mode of Transportation of fuel to site		By three wheeler		

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	17940.06 Sq. m
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	1540 Nos
	<b>List of proposed native trees :</b>	Bakul, Bahava, Neem, Franjipani etc.
	<b>Timeline for completion of plantation :</b>	2 years

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

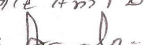
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusops elengi	Bakul	88	Fragrant flowers, Medicinal value, To control soil erosion.
2	Cassia fistula	Bahava	87	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant,
3	Azardirachta indica	Neem	86	Medicinal value, To control soil erosion. To improve soil erosion
4	Plumeria alba	Franjipani	74	Flowering tree & Ornamental tree
5	Lagerstroemia speciosa	Pride of india	78	Medicinal value, Native species
6	Saraca asoca	Sita ashoka	76	Evergreen medicinal plant
7	Millingtonia hortensis	Indian cork tree	75	Flowering tree & Ornamental tree
8	Caryota urens	Fishtail palm	81	Grown in any type of soil. Very Hardy.
9	Mangifera indica	Mango	83	Fruit Tree Evergreen & bird attracting tree
10	Artocarpus heterophyllus	Jackfruit	73	Fruit Tree Evergreen & bird attracting tree
11	Cocos nucifera	Coconut	06	Fruit Tree Evergreen & bird attracting tree

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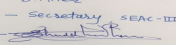
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12	Pongamia pinnata	Karanj	77	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
13	Nyctanthes arbortristis	Parijatak	54	Fragrant flowers, Medicinal value,
14	Anthocephallus cadamba	Kadamba	81	Medicinal values, To control soil erosion, Birds, squirrels, monkey eat fruits.
15	Bauhinia purpurea	Butterfly tree	78	Medicinal value & Bird attracting species
16	Khaya grandis	Khaya	76	Evergreen & bird attracting tree
17	Albizia lebbeck	Shirish	66	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds )
18	Ficus bengalensis	Banyan tree	09	Evergreen & bird attracting tree
19	Erythrina indica	Pangara	65	Fragrant flowers, Drought tolerant species, Birds attracting
20	Bahunia tomentosa	Yellow orchid tree	68	Flowering & Bird attracting species
21	Michalia champaka	Soanchaffa	82	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
22	Syzygium cumini	Jambhul	79	Fruit tree & bird attracting tree

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

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

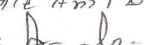
Serial Number	Name	C/C Distance	Area m2
1	Oliender single red	0.3 m	260.76
2	Acalyphagodrej	0.3 m	149.18
3	Plumbagocapensis	0.3 m	380.39
4	Lantana blue	0.3 m	579.78
5	Tecomagaudichaudi	0.3 m	234.94
6	Shambhukasnigra	0.3 m	172.42
7	Thevetia	0.3 m	198.56
8	Cassia glauca	0.3 m	204.41
9	Bamboo grass	0.3 m	237.67
10	Hamelia dwarf	0.3 m	248.18
11	Ceasalpinia red	0.3 m	319.27
12	Erenthumum	0.3 m	251.60
13	Lantana yellow	0.3 m	519.89
14	Ceasalpinia pink	0.3 m	373.84
15	Myna erecta	0.3 m	369.11
16	Spider lily	0.3 m	491.17
17	Galphimia	0.3 m	365.81
18	Abellia	0.3 m	270.34
19	Wedelia	0.3 m	718.24
20	Mogra	0.3 m	434.86

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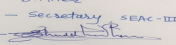
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21	Oliender pink	0.3 m	589.29
22	Lantana depressa	0.3 m	436.08
23	Durantavarigated	0.3 m	562.22
24	Ixora pink	0.3 m	284.46
25	Kamini	0.3 m	292.20
26	Tecomacapensis	0.3 m	636.88
27	Lantana red	0.3 m	318.50
28	Tagarvarigated	0.3 m	544.50
29	Oliender white	0.3 m	406.90
30	Tulas	0.3 m	280.85
31	Oliender dwarf pink	0.3 m	478.30
32	Allamanda dwarf	0.3 m	357.80
33	Ixora red	0.3 m	256.85
34	Lumoniaspectabilis	0.3 m	168.27
35	Ratrani	0.3 m	383.29
36	Tagar dwarf	0.3 m	299.16
37	Hibiscus violance	0.3 m	240.66
38	Kunda	0.3 m	383.29
39	Heliconea Yellow	0.3 m	155.00
40	Canna Yellow Dwarf	0.3 m	494.65
41	Canna Red Dwarf	0.3 m	420.89
42	Canna Varigated Yellow	0.3 m	320.24

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	50 KVA
	<b>DG set as Power back-up during construction phase</b>	NA
	<b>During Operation phase (Connected load):</b>	14931.26 KVA
	<b>During Operation phase (Demand load):</b>	8750.55 KVA
	<b>Transformer:</b>	16 Nos. of 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	Existing: 1 x 125 KVA & 1 x 160 KVA & 1 x 180 KVA. Proposed: 1 No. x 320 KVA & 1 No. x 180 KVA
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

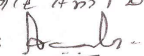
### 48. Energy saving by non-conventional method:

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- i. Most of the common area lighting is proposed to work on energy efficient lamps (CFL & T5).
- ii. Solar lightening has been proposed.
- iii. Auto control lighting.

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

Serial Number	Energy Conservation Measures	Saving %
1	Using CFL, LED lights & T8 fittings	33.00 %

#### 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>	128 Lakhs
	<b>O &amp; M cost:</b>	4 Lakhs

#### 51.Environmental Management plan Budgetary Allocation

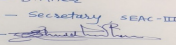
##### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	Particulate matter	5
2	Site Sanitation & Safety	-	8
3	Environmental Monitoring	Air, water, noise	5
4	Disinfection	-	4
5	Health Check up	All relevant parameters	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	Wastewater	STP Cost	356.25	93.62
2	Solid waste	Solid Waste Management	65.00	12.00
3	Green area	Green Belt development	80.00	5.00
4	Groundwater recharge	Rain water harvesting	12.50	1.00
5	Energy	Energy Efficient equipments	128.00	4.00
6	Air, water, noise, soil	Environmental monitoring	-	5
7	CSR	CSR	-	15

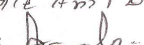
#### 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

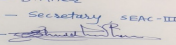
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

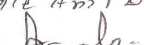
	Nos. of the junction to the main road & design of confluence:	2 Nos.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 No. & 4533.53 Sq.m
	Total Parking area:	24760
	Area per car:	20 Sq.m
	Area per car:	20 Sq.m
	Number of 2-Wheelers as approved by competent authority:	3317
	Number of 4-Wheelers as approved by competent authority:	1319
	Public Transport:	Bus stop at entrance gate, Auto rickshaw stand within 50 m from entrance gate.
	Width of all Internal roads (m):	12 m & 15 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	B
	Court cases pending if any	NA
	Other Relevant Informations	NA

Name - S.D.Aher  
Designation - Secretary SEAC-III  
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**S.D.Aher (Secretary SEAC-III)**

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	27-02-2017

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

PP submitted their application for Expansion of Environmental clearance for total plot area of 155950 Sq. Mtrs, BUA of 274527.6 Sq. Mtrs and FSI area of 167553.1 Sq. Mtrs. PP proposes to construct 49 no. residential building and 1 no amenity building + 2 club house.

Earlier case was discussed in 58<sup>th</sup> Meeting held on 13.07.2017. Committee ask to comply few conditions. Now PP submitted the compliance of 58<sup>th</sup> meeting.

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

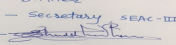
***SEAC decided to recommend the proposed for prior environmental Clearance, subject to PP complying with the above conditions.***

**Specific Conditions by SEAC:**

- 1) PP to upload six monthly compliance reports.
- 2) PP to extend quarrying time of OWC up to 18 days.
- 3) PP to upload energy saving calculations.
- 4) PP to submit lightening arrester plan.

### FINAL RECOMMENDATION

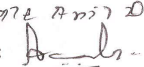
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Name - S.D.Aher  
Designation - Secretary SEAC-III  
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**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 65 Meeting Date: May 30, 2018**

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Name: K. Anil Kale  
Signature: 

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

## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

**Subject:** Environment Clearance for Proposed Residential & Commercial Development project " B A Swadesh" at Gat.No. 231, Moshi Borhadewadi, Pune By M/s. Spectrum Realty

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Residential & Commercial Development project " B A Swadesh" at Gat.No. 231, Moshi Borhadewadi, Pune By M/s. Spectrum Realty
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Sachin Bhandari
<b>4.Name of Consultant</b>	J M EnviroNet Pvt Ltd-Sayali Jagtap(EIA Coordinator)
<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>	Gat.No. 231, Moshi Borhadewadi, Pune
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Moshi Borhadewadi
<b>Correspondence Name:</b>	Ms. Sayali Jagtap
<b>Room Number:</b>	F3
<b>Floor:</b>	First Floor
<b>Building Name:</b>	Dindayal Nagar
<b>Road/Street Name:</b>	Medical College road
<b>Locality:</b>	Katraj
<b>City:</b>	Pune
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal Corporation (PCMC)
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Applied
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied
	<b>Approved Built-up Area:</b>
<b>13.Note on the initiated work (If applicable)</b>	Not yet started
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	19000
<b>16.Deductions</b>	3059.25
<b>17.Net Plot area</b>	15259.45
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 27857.84
	<b>b) Non FSI area (sq. m.):</b> 34306.64
	<b>c) Total BUA area (sq. m.):</b> 62164.48
<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>	2897.69
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	18.98 %
<b>21.Estimated cost of the project</b>	1172000000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b></p>	<p><b>Page 12</b> <b>of 73</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A + Commercial(7 shops)	GP+PP+12 Floors	42.15
2	Building B	GP+PP+12 Floors	42.15
3	Building C	GP+PP+12 Floors	42.15
4	Building D	GP+PP+12 Floors	42.15
5	Building E	GP+PP+12 Floors	42.15
6	Building F	GP+PP+12 Floors	42.15
7	Building G	GP+PP+12 Floors	42.15
8	Club house	G + 1 Floor	7.80

<b>23.Number of tenants and shops</b>	Residential : 599 Commercial : 7 shops
<b>24.Number of expected residents / users</b>	Residential: 2995 nos. Commercial : 54 nos
<b>25.Tenant density per hectare</b>	315.26 per 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>	The project has access from 12 m wide road from nearest PCMC fire station Distance :8.6 km
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9.00 m
<b>29.Existing structure (s) if any</b>	Not applicable
<b>30.Details of the demolition with disposal (If applicable)</b>	Not applicable

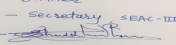
### 31.Production Details

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign 	<b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b>	Page 13 of 73	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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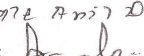

Dry season:	Source of water	Pimpri Chinchwad Municipal Corporation (PCMC)							
	Fresh water (CMD):	270.62							
	Recycled water - Flushing (CMD):	136.12							
	Recycled water - Gardening (CMD):	11							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	417.74							
	Fire fighting - Underground water tank(CMD):	350							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	178.28							
Wet season:	Source of water	Pimpri Chinchwad Municipal Corporation (PCMC)							
	Fresh water (CMD):	270.62							
	Recycled water - Flushing (CMD):	136.12							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	406.74							
	Fire fighting - Underground water tank(CMD):	350							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	189.28							
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

Name - S.D.Aher  
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 Sign - 

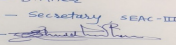
**S.D.Aher (Secretary SEAC-III)**

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

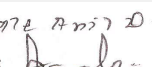
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre-Monsoon : 20 to 25 m BGL ; Post-Monsoon : 8 to 10 m BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not applicable
	<b>Location of the RWH tank(s):</b>	Not applicable
	<b>Quantity of recharge pits:</b>	03
	<b>Size of recharge pits :</b>	2 x 2 x 1.75 m & 2 x 2 x 2 m
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 3,00,000 /-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 60,000 /-
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity (cum) : 406 m3 Flushing tank Capacity(cum): 205 m3 Fire UG tank Capacity (cum): 350 m3
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	South to North
	<b>Quantity of storm water:</b>	434.32 m3/hr
	<b>Size of SWD:</b>	450mm Dia Pipe At 1:200 Slope
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	366.06
	<b>STP technology:</b>	MMBR Technology
	<b>Capacity of STP (CMD):</b>	370 KLD
	<b>Location &amp; area of the STP:</b>	180 Sq.m
	<b>Budgetary allocation (Capital cost):</b>	Rs. 57,50,000 /-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 10,95,000 /-
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	30 kg/day
	<b>Disposal of the construction waste debris:</b>	Will be used for backfilling within site.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	607 kg/day
	<b>Wet waste:</b>	905 kg/day
	<b>Hazardous waste:</b>	Negligible
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	32.69 kg/day
	<b>Others if any:</b>	Not Applicable

Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	To Authorized vendor
	<b>Wet waste:</b>	Treatment of OWC
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	After treatment will be used as manure
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Shown in layout
	<b>Area for the storage of waste &amp; other material:</b>	27 Sq.m
	<b>Area for machinery:</b>	57 Sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 25,75,000 /-
	<b>O &amp; M cost:</b>	Rs. 5,71,284 /-

### 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

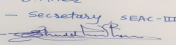
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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

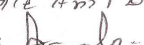
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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**S.D.Aher (Secretary SEAC-III)**

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



<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1831.87 Sq.m (10 %)
	<b>No of trees to be cut :</b>	02
	<b>Number of trees to be planted :</b>	06 (Compensatory)
	<b>List of proposed native trees :</b>	200
	<b>Timeline for completion of plantation :</b>	5 years

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

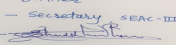
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassis fistula	Bahava	15	Medium size deciduous tree, drought tolerant, beautiful yellow flowers, butterfly host plant.
2	Azardirachcta	Neem	15	Semi-evergreen tree with medicinal value.
3	Madhuca Indica	Mahua	10	It is used for the care of the skin, to manufacture soap or detergents
4	Michelia Champaca	Sonchafa	15	Medium size evergreen tree, fragrant yellow flowers, butterfly host plant.
5	Tabebuia Rosea	Rosy trumpet tree	10	It has been used to reduce fevers and pain, cause sweating, to treat tonsil inflammation and various other disorders
6	Spathodea campanulata	Pitchkari	10	Large shady tree with bright orange flowers, good for road side plantation
7	Melia Azardirachcta	Bakan	15	Flowering plant
8	Mesua ferrea	Nagkesar	15	It is used as herbal medicines
9	Diospyros malabarica	Gaub	15	Medicinal plant
10	Anthocephalus cadamba	Kadamb	15	Large size, shady, ball shaped flowering tree
11	Terminalia arjuna	Arjuna	10	Used for silk production
12	Ficus religiosa	Peepal tree	10	It is used in tradition medicine.
13	Peltoforum ferrugineum	Yellow flame tree	10	large & Shady tree
14	Jacaranda mimosifolia	Jacaranda	15	Attractive flowers
15	Areca catechu	Indian nut	10	Used as interior landscaping species.

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

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

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

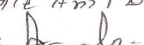
#### 47.Energy

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**S.D.Aher (Secretary SEAC-III)**

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

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	44 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	1883.47 KW
	<b>During Operation phase (Demand load):</b>	1700.57 KVA
	<b>Transformer:</b>	3 x 630 kVA & 315 KVA
	<b>DG set as Power back-up during operation phase:</b>	250 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	No

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

Solar Hot water system & Solar PV panels

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

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saved by solar hot water system + Solar PV panels + Light fitting type & timer savings	33 %

#### 50. Details of pollution control Systems

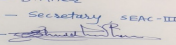
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 1,36,88,125 /-
	<b>O &amp; M cost:</b>	Rs. 17,43,292 /-

### 51. Environmental Management plan Budgetary Allocation

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

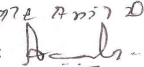

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Erosion control - dust suppression measures and barricading	Rs. 1,06,000/-
2	Land	Site Sanitation	Rs. 45,000/-
3	Health & Safety	Site safety	Rs. 26,500/-
4	Health & Safety	Disinfection and Health Check-ups	Rs. 88,000/-
5	Environment management	Environment Monitoring	Rs. 1,20,000/-

Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

**S.D.Aher (Secretary SEAC-III)**

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

<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	Rain Water Harvesting	03 no pits	Rs. 3,00,000 /-	Rs. 60,000 /-
2	Sewage Treatment Plant	1 STP	Rs. 57,50,000 /-	Rs. 10,95,000 /-
3	Organic Waste Composting	1 OWC	Rs. 25,75,000 /-	Rs. 5,71,284 /-
4	Tree Plantation	200 no's of trees	Rs. 29,57,000 /-	Rs. 5,91,400 /-
5	Energy saving	DG set+ Solar hot water system + Solar PV panels	Rs. 1,36,88,125 /-	Rs. 17,43,292 /-
6	Environment Monitoring	Environment management	-	Rs. 1,20,000/-

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

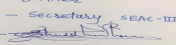
<b>Description</b>	<b>Status</b>	<b>Location</b>	<b>Storage Capacity in MT</b>	<b>Maximum Quantity of Storage at any point of time in MT</b>	<b>Consumption / Month in MT</b>	<b>Source of Supply</b>	<b>Means of transportation</b>
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable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

### 52.Any Other Information

No Information Available

### 53.Traffic Management

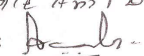
<b>Nos. of the junction to the main road &amp; design of confluence:</b>	The project has access from 12.m wide road
--	--

Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

**S.D.Aher (Secretary SEAC-III)**

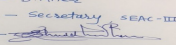
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Name: K. Anil Kale  
Signature: 

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

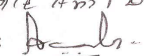
<b>Parking details:</b>	<b>Number and area of basement:</b>	No
	<b>Number and area of podia:</b>	No
	<b>Total Parking area:</b>	14915.84 Sq. m
	<b>Area per car:</b>	30 Sq.m
	<b>Area per car:</b>	30 Sq.m
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1210 no's
	<b>Number of 4-Wheelers as approved by competent authority:</b>	320 no's
	<b>Public Transport:</b>	Pune city buses
	<b>Width of all Internal roads (m):</b>	6.00 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	None within 10 km
	<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>	Yes
	<b>Date of online submission</b>	04-05-2017
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

Name - S.D.Aher  
 Designation - Secretary SEAC-III  
 Sign 

**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 65 Meeting Date: May 30, 2018**

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Name: K. Anil Kale  
 Signature: 

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

Environment Clearance for Proposed Residential & Commercial Development project "B A Swadesh" at Gat.No. 231, Moshi Borhadewadi, Pune ByM/s. **Spectrum Realty**.

PP submitted their application for Expansion of Environmental clearance fortotal plot area of 19000Sq. Mtrs, BUA of62164.48Sq. Mtrs and FSI area of 27857.84Sq. Mtrs.PP proposes to construct 7 no. residential 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

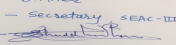
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

### Specific Conditions by SEAC:

- 1) PP to submit debris management plan. Including the disposal of all type of waste material required during construction.
- 2) PP to submit energy saving details along with terrace area calculations.
- 3) PP to submit indemnity bond for project land.
- 4) PP to submit a section through the internal road showing the alignment of SW drain ,sewer line, space left for plantation of trees ,space between the building and internal road.
- 5) PP to submit undertaking for compliance of all environmental parameters.
- 6) PP to submit revise EMP with mentioning correct cost for supply of tanker water if any.
- 7) PP to submit CFO NOC.
- 8) PP to submit a section through storm water drain and drawing showing the section through the final chamber within property and municipal chamber,along with details of invert level.
- 9) PP to submit fire tender movement plan.
- 10) PP to submit revise parking layout.
- 11) PP to submit parking statement.
- 12) PP to relocate the UGT.

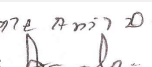
## FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign -   
**S.D.Aher (Secretary SEAC-III)**

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

## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

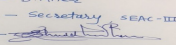
**Subject:** Environment Clearance for Proposed Residential Construction at Tathawade, Pune

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Residential Construction
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
<b>4.Name of Consultant</b>	Oasis Environmental Foundation
<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. 125/1/B/1, 125/1/B/2, 125/2/1 &125/2/2
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Tathawade
<b>Correspondence Name:</b>	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
<b>Room Number:</b>	Rohan Builders & Developers Pvt. Ltd.
<b>Floor:</b>	Second Floor
<b>Building Name:</b>	1 Modibaugh, shivaji Nagar
<b>Road/Street Name:</b>	Ganeshkhind Road
<b>Locality:</b>	Shivaji Nagar
<b>City:</b>	Pune
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal Corporation (PCMC)
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Pimpri Chinchwad Municipal Corporation (PCMC) <b>IOD/IOA/Concession/Plan Approval Number:</b> In process <b>Approved Built-up Area:</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>	As per 7/12: 33,300.00 SQM. & Minimum Plot Area Considered: 30,584.00 SQM.
<b>16.Deductions</b>	4,273.94
<b>17.Net Plot area</b>	26,310.06
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 53,204.78 <b>b) Non FSI area (sq. m.):</b> 74,646.24 <b>c) Total BUA area (sq. m.):</b> 127851.02
<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>
<b>19.Total ground coverage (m2)</b>	12,383.29
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	40.48
<b>21.Estimated cost of the project</b>	1830400000

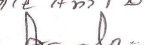
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

Name - S.D.Aher  
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Sign   
**S.D.Aher (Secretary SEAC-III)**

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1	Building A: Wings A1,A2,A3,A4,A5,A6,A7,A8	LP + UP + Stilt +11	37.25
2	Building B: Wings B1,B2,B3,B4	LP + UP + Stilt +11	37.25

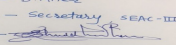
<b>23.Number of tenants and shops</b>	Proposed number of tenements are 1,100 . No shops proposed.
<b>24.Number of expected residents / users</b>	5,500 nos.
<b>25.Tenant density per hectare</b>	Tenement Density / hectare: 330
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Nearest Fire Station is Pradhikaran Fire Station - at distance of 5.21 kms. Width of Road - 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>	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

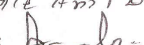
<b>Dry season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	497.25
	<b>Recycled water - Flushing (CMD):</b>	247.50
	<b>Recycled water - Gardening (CMD):</b>	67.70
	<b>Swimming pool make up (Cum):</b>	6
	<b>Total Water Requirement (CMD) :</b>	818.45
	<b>Fire fighting - Underground water tank(CMD):</b>	75
	<b>Fire fighting - Overhead water tank(CMD):</b>	25
	<b>Excess treated water</b>	280.60

Name - S.D.Aher  
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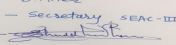
**S.D.Aher (Secretary SEAC-III)**

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

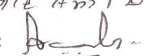
<b>Wet season:</b>	<b>Source of water</b>	PCMC							
	<b>Fresh water (CMD):</b>	497.25							
	<b>Recycled water - Flushing (CMD):</b>	247.50							
	<b>Recycled water - Gardening (CMD):</b>	0							
	<b>Swimming pool make up (Cum):</b>	6							
	<b>Total Water Requirement (CMD) :</b>	750.75							
	<b>Fire fighting - Underground water tank(CMD):</b>	75							
	<b>Fire fighting - Overhead water tank(CMD):</b>	25							
	<b>Excess treated water</b>	348.30							
<b>Details of Swimming pool (If any)</b>	<p>Dimensions of Main Pool: 7.5 m X 18 m X 1.5 m  Dimensions of Kids pool: 10m X 5m X 0.9m  Total Water Requirement: 207 CUM  Water Requirement for Make Up: 6 CUM/DAY</p> <p>Details of Plant and Machinery used for treatment of water:  High rate sand filters, filter media, Self-Priming pump, Control panel for pump, Vacuum fitting  Chemicals required for maintaining the Swimming Pool.  Disinfection by: Ozonation</p>								
<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

Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

**S.D.Aher (Secretary SEAC-III)**

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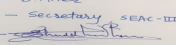
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Signature: 

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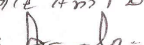
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	4-5 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	10
	<b>Size of recharge pits :</b>	2 Mt. x 2 Mt. x 1.5 Mt
	<b>Budgetary allocation (Capital cost) :</b>	2,50,000
	<b>Budgetary allocation (O &amp; M cost) :</b>	15,000
	<b>Details of UGT tanks if any :</b>	<ul style="list-style-type: none"> <li>• Domestic UG tank Capacity: 400 m<sup>3</sup></li> <li>• Drinking Water UG Tank Capacity: 100 m<sup>3</sup></li> <li>• Flushing UG tank Capacity : 250 m<sup>3</sup></li> <li>• Fire UG tank Capacity : 75 m<sup>3</sup></li> </ul>
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per Contour
	<b>Quantity of storm water:</b>	3.93 M <sup>3</sup> /min
	<b>Size of SWD:</b>	450 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	595.80
	<b>STP technology:</b>	MBR
	<b>Capacity of STP (CMD):</b>	600
	<b>Location &amp; area of the STP:</b>	Attached
	<b>Budgetary allocation (Capital cost):</b>	35,00,000 (Thirty Five Lakhs)
	<b>Budgetary allocation (O &amp; M cost):</b>	3,00,000 (Three Lakhs)
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	100 kg/day total solid waste from labour camp.
	<b>Disposal of the construction waste debris:</b>	Debris shall 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>	1,100 kg/day
	<b>Wet waste:</b>	1,650 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	59 kg/day
	<b>Others if any:</b>	NA

Name - S.D.Aher  
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 Sign - 

**S.D.Aher (Secretary SEAC-III)**

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Name: **Kale Anil D.**  
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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>	Will be treated in Organic waste converter/ Vermicomposting. Manuare generated will be used for landscaping
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used for landscaping
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Attched
	<b>Area for the storage of waste &amp; other material:</b>	20 SQM
	<b>Area for machinery:</b>	45 SQM
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	300000
	<b>O &amp; M cost:</b>	120200

### 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

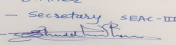
### 39.Stacks emission Details

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

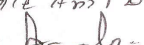
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

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Sign - 

**S.D.Aher (Secretary SEAC-III)**

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	Mandatory RG Area: 2,897.44 m2, Additional Green Area on Ground: 3,005.43 m2, Green on peripheral plantation:685.37 m2; Total RG Area: 6,588.24 m2. Green Area on Slab: 3084.39 m2
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	416
	<b>List of proposed native trees :</b>	List of proposed trees attached as annexure with form 1 & 1A
	<b>Timeline for completion of plantation :</b>	5 years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bahunia purpurea	Gulabi Kanchan	41	Every part of the plant have Medicinal value, Drought tolerant species The tree has grey bark that peels in long fiber,
2	Dalbergia Latifolia	Sitsal	29	Compound leaves,flowering
3	Sapodila	Chikku	17	Fruit Baring plant
4	Saraca indica	Sita Ashok	50	Medicinal value, Religious plant
5	Ficus glomerata	Umber	24	Medicinal value,Edible fruits,bird attractive
6	Plumeria Alba	Chafa	31	Most attractive, large & strongly perfumed white flowers.
7	Plumeria Rubra	Pink Chafa	24	Popular garden & park plant,fragrant flowers
8	Phyllanthus emblica	Awala	27	Medicinal value, To control soil erosion.
9	Syzygium cumini	Jamun	35	Medicinal value, Edible fruit
10	Neolamarckia cadamb	Kadamba	10	The flowers attract pollinators
11	Legistroemia speciosa	Banaba plant	14	A decoction of the bark is used against diarrhoea and abdominal pains. A leaf poultice is used to relief malarial fever and is applied on cracked feet
12	Mangifera indica	Mango	24	Edible fruit, Bird attracting species
13	Erythrina indica	Indian Koral tree/ Parijat	12	Flower Plant. Attracts insects and birds.
14	Tectona grandis	Teak	11	Tropical hardwood species, Wood use for furniture
15	Ziziphus mauritiana	Ber	17	Fast growing, Hardy plant, Edible fruit
16	Jack Fruit	Fanas	14	Popular food item, fruit edible
17	Michelia champaka	Sonchafa	36	Fragrant flowers, Timber used in wood working
18	Total	Trees	416	Nos.

#### 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	All Shubs & Bushes	Approx. 300 mm.	Approx. 1,000

### 47. Energy

<b>Power requirement:</b>	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200
	DG set as Power back-up during construction phase	2 nos. of DG sets of 250 KVA
	During Operation phase (Connected load):	4,442
	During Operation phase (Demand load):	2,220
	Transformer:	4 no. of Transformers of 630 KVA capacity
	DG set as Power back-up during operation phase:	2 nos. of DG sets of 500 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

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

1. Timer Logic Controller : 210437 KWH / Anum
  2. Electronic V3F drive for Lifts : 52280 KWH / Anum
  3. Solar Water Heater : 1050403.2 KWH / Anum
  4. Use of CFL / LED lamps in all common areas.
- Total % of Savings: 15 %

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

Serial Number	Energy Conservation Measures	Saving %
1	Timer Logic Controller	210437 KWH / Anum
2	Electronic V3F drive for Lifts	52280 KWH / Anum
3	Solar Water Heater	1050403.2 KWH / Anum

### 50. Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	Capital cost:	3500000
	O & M cost:	300000

### 51. Environmental Management plan Budgetary Allocation

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

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b></p>	<p><b>Page 28 of 73</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Water for dust suppression measures & Soil Preservation	0.5
2	Site Safety	Barricading & nets	0.3
3	Site Sanitation	Mobile Toilets etc.	1.50
4	Disinfection & Health Check Up	For Labours	1
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.7

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Enaergy Saving	Approx. 15%	5	0.50
2	STP	Capacity 600 KLD	35	3
3	OWC/ Vermicomposting	For Wet Waste Generation of 1,650 kg/day	3	1.20
4	Solar Hot Water System	For 55 KLD Capacity	30	2.5
5	Rain Water Harvesting	10 nos. of recharge pits	2.5	0.15
6	Landscaping	Total trees proposed are 416 nos.	4	0.40

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

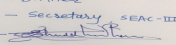
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

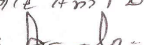
Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 9 m and proposed 24 m wide road.
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

**S.D.Aher (Secretary SEAC-III)**

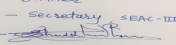
**SEAC Meeting No: 65 Meeting Date: May 30, 2018**

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Name: K. Anil Kale  
Signature: 

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

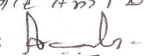
<b>Parking details:</b>	<b>Number and area of basement:</b>	2 nos. of basement. Area: 35,078.38 qm
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	Cover [35,078.38] + Open [ ---- ] = 35,078.38 Sq m
	<b>Area per car:</b>	35
	<b>Area per car:</b>	35
	<b>Number of 2-Wheelers as approved by competent authority:</b>	2,200 nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	550 nos.
	<b>Public Transport:</b>	Nearest Bus Stop
	<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>	NA
	<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>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

Name - S.D.Aher  
 Designation - Secretary SEAC-III  
 Sign 

**S.D.Aher (Secretary SEAC-III)**

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Name: K. Anil Kale  
 Signature: 

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

Environment Clearance for Proposed Residential Construction at S. No. 125/1/B/1,125/1/B/2, 125/2/1 &125/2/2 Tathawade, Pune by **Mr.MilindLunkad/ Mr.AshwinLunkad.**

PP submitted their application for prior Environmental clearance for total plot area of 30584Sq. Mtrs, BUA of 127851.02Sq. Mtrs and FSI area of 53204.78Sq. Mtrs. PP proposes to construct 2 no. residential building (12 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

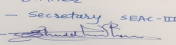
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) PP to provide separate UGT at 2 locations i.e. in each subdivided plot as the plot is subdivided due to DP road.
- 2) PP to submit NOC,s for CFO, Water supply ,Drainage.
- 3) PP to submit revise master layout plan showing correct plot boundaries and all environmental parameters.
- 4) PP to submit a section at 3-4 places of driveway showing the alignment of SW drain ,sewer line, space left for plantation of trees ,space between the building and internal road.
- 5) PP to submit specific NOC from respective authority for trailing of Nalha along with design details.
- 6) PP to submit plan showing alignment of S.W. drain with details of chambers ,it's invert level and cross section of final chambers within property and chambers on municipal end with connection details.
- 7) PP to submit details of socioeconomic infrastructure especially primary school within vicinity.
- 8) PP to submit site specific EMP.
- 9) PP to submit debris management plan.
- 10) PP to submit approved plan of basement.
- 11) PP to submit correct master layout. Showing RG, Swimming pool ,Club house (within 10% limit)
- 12) PP to submit plan for revised RG on virgin ground restricting the development on the same.
- 13) PP to submit fire tender movement plan.
- 14) PP to submit revise parking layout along with width of ramp.
- 15) PP to submit parking statement.

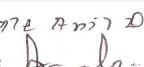

### FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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



## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

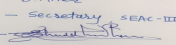
**Subject:** Environment Clearance for M/s Sukhwani Chawla Developers

**Is a Violation Case:** No

1.Name of Project	"Residential & Commercial Project"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Gurumukh Sukhwani
4.Name of Consultant	M/s. JV Analytical Services
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Sr.No. 113/2/1(PT), 113/2/2(PT), 113/1/2(PT)
9.Taluka	Mulshi
10.Village	wakad
Correspondence Name:	Mr. Gurumukh Sukhwani
Room Number:	208/2A
Floor:	-
Building Name:	-
Road/Street Name:	Station Road
Locality:	Near Gokul Hotel
City:	Pimpri Pune 411017
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received
	<b>IOD/IOA/Concession/Plan Approval Number:</b> ENVIRONMENT/WAKAD/4/2017
	<b>Approved Built-up Area:</b> 97761.57
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable- 4261.29 m2
15.Total Plot Area (sq. m.)	25000.00 m2
16.Deductions	3759.43 m2
17.Net Plot area	21240.57 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 44532.65
	b) Non FSI area (sq. m.): 53228.92
	c) Total BUA area (sq. m.): 97761.57
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	5151.92 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.60% of Total Plot Area (25000 m2) 24.25% of Net Plot Area (21240.57 m2)
21.Estimated cost of the project	1593000000

### 22.Number of buildings & its configuration

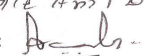
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

**S.D.Aher (Secretary SEAC-III)**

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Name: K. Anil Kale  
Signature: 

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



1	Building A	2P+12	41.91 m
2	Building B	2P+12	41.91 m
3	Building C	2P+12	41.91 m
4	Building D	2P+12	41.91 m
5	Building E	2P+12	41.91 m
6	Building F	2P+12	41.91 m
7	Building G	2P+12	41.91 m
8	Building H	G+11	35.99 m
9	Building I	2P+02	9.72 m

<b>23.Number of tenants and shops</b>	Total Tenements -757Nos. Shops-18 Nos. Multipurpose hall-1 no
<b>24.Number of expected residents / users</b>	Residential Users-3785 nos. Commercial users-189 Nos. Total Users: 3974Nos.
<b>25.Tenant density per hectare</b>	302.8/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>	18M wide DP 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>	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

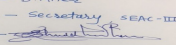
### 32.Total Water Requirement

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b></p>	<p><b>Page 33 of 73</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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<b>Dry season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	551.47 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	175.04 m3/day
	<b>Recycled water - Gardening (CMD):</b>	20.00 m3/day
	<b>Swimming pool make up (Cum):</b>	7.00 m3/day
	<b>Total Water Requirement (CMD) :</b>	356.43 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	375 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 m3
	<b>Excess treated water</b>	283.28 m3/day
<b>Wet season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	531.47 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	175.04 m3/day
	<b>Recycled water - Gardening (CMD):</b>	0.00 m3/day
	<b>Swimming pool make up (Cum):</b>	7.00 m3/day
	<b>Total Water Requirement (CMD) :</b>	356.43 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	375 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 m3
	<b>Excess treated water</b>	303.28 m3/day
<b>Details of Swimming pool (If any)</b>	<p>Dimension of Swimming Pool: 15.00 m x 7.5 m x 1.2 m  Total water Requirement in KLD: 135 KLD  Make up Water requirement in KLD: 7 KLD  Details of Plant &amp; Machinery used for treatment of Swimming pool water:  Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <p>Budgetary allocation ( Capital cost and O &amp; M cost):  • Capital cost: Rs. 14.85 Lakh  • O &amp; M Cost : Rs 1.45 Lakh/Year</p>	

### 33.Details of Total water consumed

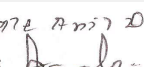

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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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>	10m to 20m 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>	20 Nos.
	<b>Size of recharge pits :</b>	3.0 M X 3.0 M X 2.0 M
	<b>Budgetary allocation (Capital cost) :</b>	Rs.30.00Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs 1.80 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Residential& Commercial : Domestic UG tank Capacity: 516 m3 Flushing UG tank Capacity: 200 m3 Fire UG tank Capacity: 375 m3

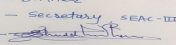
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	752.79 m3/day
	<b>Size of SWD:</b>	600 mm

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	478.32 m3/day.
	<b>STP technology:</b>	MMBR
	<b>Capacity of STP (CMD):</b>	480 m3/day.
	<b>Location &amp; area of the STP:</b>	205.35 m2
	<b>Budgetary allocation (Capital cost):</b>	Rs. 99.00 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 22.96 Lakh / Year

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	40kg/day
	<b>Disposal of the construction waste debris:</b>	for Leveling

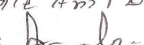
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	785 kg/day.
	<b>Wet waste:</b>	1154 kg/day.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	71.4 kg/day.
<b>Others if any:</b>	NA	

Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Sant Gadge Baba Savyamrojgar Seva Sahakari Sanstha
	<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>	54.00 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. 26.50 Lakh
	<b>O &amp; M cost:</b>	Rs 7.21 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

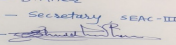
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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	125 KVA - 2 No.	HSD -36.00 Lit./hr	S-1	6.5 M	Will be provided	Will be provided

### 40. Details of Fuel to be used

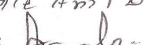
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	36.00 Lit./hr	36.00 Lit./hr
41. Source of Fuel		Bharat Petroleum Corporation Ltd/ Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By Roadways		

Name - S.D. Aher  
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**S.D.Aher (Secretary SEAC-III)**

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2501.71 m2
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	375
	<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

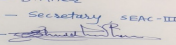
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azardirachta indica	Neem	40	Pollution Tolerant
2	Cassia fistula	Bahava	45	Pollution Tolerant, Ornamental.
3	Cordia dichotoma	Bhokar	15	Fast Growing/Butterfly attracting Suitable for Boundary planting.
4	Magnolia grandiflora	Kavthi chafa	15	Used in shelter belt planting /attracts birds.
5	Michelia champaca	Sonchafa	30	Ornamental.
6	Tamarindus indica	Chinch	5	Shade giving, bird attracting.
7	Mangifera indica	Aamba	5	Fruit bearing tree.
8	Plumeria alba	Chafa	10	Ornamental.
9	Lagerstroemia speciosa	Tamhan	25	Ornamental, Avenue planting.
10	Bauhinia variegata	Kanchan	40	Ornamental, Bird attracting.
11	Dyospyros malbarica	Temburi	35	Bird attracting, fruit bearing tree.
12	Pongamia glabra	Karanj	40	Medicinal/Shade giving/Avenue Planting/nitrogen fixing ability
13	Artocarpus integra	jackfruit	40	Shade giving, bird attracting, fruit bearing tree
14	Phoenix sylvestris	Date Palm	10	Ornamental
15	Caryota urens	Fish tail palm	10	Ornamental
16	Areca catechu	Betel palm	10	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	-	-	-

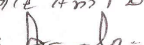
#### 47.Energy

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**S.D.Aher (Secretary SEAC-III)**

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

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	40 KVA - 1 No.
	<b>During Operation phase (Connected load):</b>	3582 KW
	<b>During Operation phase (Demand load):</b>	3184 KVA
	<b>Transformer:</b>	630 KVA - 3 No
	<b>DG set as Power back-up during operation phase:</b>	125 KVA - 2 No.
	<b>Fuel used:</b>	For 125 KVA :- 36.00 Lit./hr for 100% load
	<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.

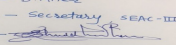
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches will be provided for Street lights, Garden lights, Parking & 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 LED lights.

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

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	122.13 KWH/DAY
2	Up Lighter - Light Fitting For Landscape Area.	1.6 KWH/DAY
3	Bollard Lighter - Light Fitting For Landscape Area.	1.12 KWH/DAY
4	Solar Street Light Fitting - Pole Light On Road Side.	10 KWH/DAY
5	Street Light on the Bldg.	4.32 KWH/DAY
6	Energy Saving by Solar Hot Water System.	2838.75 KWH/DAY

#### 50. Details of pollution control Systems

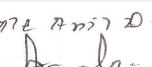

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening

Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign - 

**S.D.Aher (Secretary SEAC-III)**

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Name:   
Signature: 

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

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 Sant Gadge Baba Savyamrojgar Seva Sahakari Sanstha

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 104.00 Lakhs
	<b>O &amp; M cost:</b>	Rs 2.95 Lakhs / year.

## 51.Environmental Management plan Budgetary Allocation

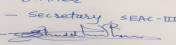
### a) Construction phase (with Break-up):

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

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage treatment Plant	99.00 Lakh	22.96 Lakh/Year
2	RWH	Rain water Harvesting	30.00 Lakh	1.80 Lakh/Year
3	MSW	municipal Solid Waste	26.50 Lakh	7.21 Lakh/Year
4	Solar System	Solar System	104.00 Lakh	2.95 Lacks / year
5	Landscaping	Landscaping	33.00 Lakh	5.00 Lakh/Year
6	Swimming Pool	Swimming Pool	14.85 Lakh	1.45 Lakh/Year
7	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
8	Post EC Monitoring	-	-	2.50 Lakh/Year
9	Dry Waste Management	-	-	4.54 Lakh/Year

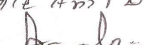
## 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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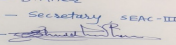
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

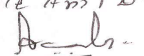

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	16347.52 m <sup>2</sup>
	Total Parking area:	32357.18 m <sup>2</sup>
	Area per car:	82.75 m <sup>2</sup>
	Area per car:	82.75 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1550
	Number of 4-Wheelers as approved by competent authority:	391
	Public Transport:	-
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	-
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	-
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	-
	Other Relevant Informations	-

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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 "Residential & Commercial Project" at Sr.No. 113/2/1(PT),113/2/2(PT), 113/1/2(PT) waked, Tal-Mulshiby **M/s Sukhwani Chawla Developers.**

PP submitted their application for prior Environmental clearance for total plot area of 25000Sq. Mtrs, BUA of 97761.57Sq. Mtrs and FSI area of 44532.65Sq. Mtrs. PP proposes to construct 9 nos. residential 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

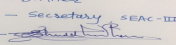
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) PP to submit undertaking for sustainable water supply.
- 2) PP to submit CFO Noc.
- 3) PP to submit certified copy of approved plan.
- 4) PP to submit plan for revised RG on virgin ground restricting the development on the same.
- 5) PP to submit details of CER activities in consultation with the people in the project area as per MoEF & CC circular dated 1/05/2018 if applicable.
- 6) PP to submit cross section through UGT providing UGT above ground level at least 1 to 2 ft with head room for cleaning purpose.
- 7) PP to submit NOC for cutting of existing trees.
- 8) PP to submit a section at 3-4 places of driveway showing the alignment of SW drain ,sewer line, space left for plantation of trees ,space between the building and internal road.
- 9) PP to submit energy saving details along with terrace area calculations.
- 10) PP to submit fire tender movement plan.
- 11) PP to submit revise parking layout along with width of ramp.
- 12) PP to submit parking statement.

### FINAL RECOMMENDATION

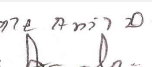

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

**Subject:** Environment Clearance for Proposed Group Housing project at S.No.98/1(P),98/2,99/1,99/2(P),99/3(P),99/4(P),101/2(P) & 101/3 at Village Name - Mann, Tal. Mulshi, Dist. Pune, Maharashtra, Pin code 411 057

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Group Housing project
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Rajendra Gadekar
<b>4.Name of Consultant</b>	Building Environment India PVT. LTD.
<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.98/1(P),98/2,99/1,99/2(P),99/3(P),99/4(P),101/2(P) & 101/3 at Village Name - Mann, Tal. Mulshi, Dist. Pune, Maharashtra, Pin code 411 057
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Mann
<b>Correspondence Name:</b>	Mr. Rajendra Gadekar/ Mr. Sudipto Saha
<b>Room Number:</b>	M/S. Joyville Shapoorji Housing Pvt. Ltd.
<b>Floor:</b>	SP Center,
<b>Building Name:</b>	41/44,
<b>Road/Street Name:</b>	Minoo Desai Marg,
<b>Locality:</b>	Colaba,
<b>City:</b>	Mumbai 400 005
<b>11.Area of the project</b>	PMRDA
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	IN PROCESS
	<b>IOD/IOA/Concession/Plan Approval Number:</b> IN PROCESS
	<b>Approved Built-up Area:</b> 116166.77
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	PROVISIONAL FIRE NOC
<b>15.Total Plot Area (sq. m.)</b>	33017.30 m2
<b>16.Deductions</b>	0
<b>17.Net Plot area</b>	33017.30 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 65898.72
	<b>b) Non FSI area (sq. m.):</b> 50268.05
	<b>c) Total BUA area (sq. m.):</b> 116166.77
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 65367.55
	<b>Approved Non FSI area (sq. m.):</b> 50278.28
	<b>Date of Approval:</b> 14-05-2018
<b>19.Total ground coverage (m2)</b>	Building - 5734.68 m2, Commercial - 299.86 m2, Club 1- 587.63 m2
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	19% of Net Plot Area
<b>21.Estimated cost of the project</b>	3219000000

## 22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	BLDG.A & B	B + ST + 17 F	55.06
2	BLDG. C & D	B + ST+ 18 F	58.01
3	BLDG. E & F	B + St+ 17 F	55.06
4	COMMERCIAL	G + 1	7.08
5	CLUB HOUSE 1 & 2	G + 1	G + 1

23.Number of tenants and shops	FLATS -1026 SHOPS - 299.86/15 = 20
24.Number of expected residents / users	RESIDENTIAL-5130 NOS. COMMERCIAL - 758 NOS. Total = 5888
25.Tenant density per hectare	1783.25
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Min.- 18 mtr wide
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 M
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

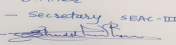
### 31.Production Details

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

### 32.Total Water Requirement

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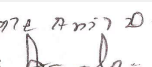

Dry season:	Source of water	IRRIGATION DEPT.							
	Fresh water (CMD):	564							
	Recycled water - Flushing (CMD):	238							
	Recycled water - Gardening (CMD):	99							
	Swimming pool make up (Cum):	10 KLD							
	Total Water Requirement (CMD) :	803							
	Fire fighting - Underground water tank(CMD):	400 KLD							
	Fire fighting - Overhead water tank(CMD):	10 KLD							
	Excess treated water	254							
Wet season:	Source of water	IRRIGATION DEPT.							
	Fresh water (CMD):	564							
	Recycled water - Flushing (CMD):	238							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	10 KLD							
	Total Water Requirement (CMD) :	803							
	Fire fighting - Underground water tank(CMD):	400 KLD							
	Fire fighting - Overhead water tank(CMD):	10 KLD							
	Excess treated water	353							
Details of Swimming pool (If any)	Size 20 m x 8 m x 1.2 m Water requirement for make up is 10 KLD								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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>	3.50 M TO 8.5 M
	<b>Size and no of RWH tank(s) and Quantity:</b>	1 NO OF 60 M3 capacity
	<b>Location of the RWH tank(s):</b>	At Basement level
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	30 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.40 Lakh/Year
	<b>Details of UGT tanks if any :</b>	1. Raw water tank 300 cu.mt 2. Treated water tank 300 cu.mt 3. PMC Tank 50 cu.mt 4. RWH tank 60 cu.mt 5. Flushing tank 300 cu.mt 6. Fire tank 600 cu.mt
<b>35.Storm water drainage</b>		
	<b>Natural water drainage pattern:</b>	West to East
	<b>Quantity of storm water:</b>	1485 m3/hr
	<b>Size of SWD:</b>	600 x 600 mm
<b>Sewage and Waste water</b>		
	<b>Sewage generation in KLD:</b>	657 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	700 KLD x 1 No.
	<b>Location &amp; area of the STP:</b>	At 1st Basement Level
	<b>Budgetary allocation (Capital cost):</b>	150 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	41.3 LAKH
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	30 Kg/day
	<b>Disposal of the construction waste debris:</b>	Construction waste will be generated from the building will be channelized through debris chutes. It includes waste concrete, excavated soil, broken bricks, waste plaster, metallic scrap etc. Construction debris will be used for base course preparation
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1809 Kg/day
	<b>Wet waste:</b>	1579 Kg/day
	<b>Hazardous waste:</b>	Negligible
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	40 Kg/day
	<b>Others if any:</b>	NA
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collected & Disposed by local body (swach)
	<b>Wet waste:</b>	Treated in OWC
	<b>Hazardous waste:</b>	To Authorized Vendor
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	At Ground Level
	<b>Area for the storage of waste &amp; other material:</b>	10 m x 6 m
	<b>Area for machinery:</b>	10 m x 3 m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	20 Lakh
	<b>O &amp; M cost:</b>	13.40 Lakh

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
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

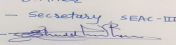
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 nos DG set	HSD	1	6 mt	0.2	470 Deg

### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	High speed diesel (HSD)	Not applicable	HSD	155 Lit/Hr

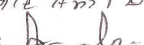
41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3809 m2
	<b>No of trees to be cut :</b>	24
	<b>Number of trees to be planted :</b>	413
	<b>List of proposed native trees :</b>	Attached
	<b>Timeline for completion of plantation :</b>	5 yrs

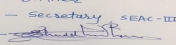
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Eucalyptus sp.	Nilgiri	20	tall, slender, used for medicinal purposes
2	Fiscus Racmosa	Umbar	23	Fruit bearing, large canopy, food plant for the caterpillars of the butterfly.
3	Artocarpus heterophyllus	jack fruit	25	Good canopy, Fruit & flower, attracting avifauna
4	Michelia champaca	Sonchapha	56	evergreen tree, fragrant flowers, Butterfly host plant
5	Psidium guajava	Guava	48	Fruit trees attracting butterflies
6	Nyctanthus arborea	Parijatak	25	Deciduous fast growing tree, beautiful flowers
7	Drypetes roxburghi	Putranjiva	12	Deciduous fast growing tree, beautiful flowers
8	Manilkara zapota	Chikoo	8	Fruit trees attracting butterflies & birds
9	Cassia fistula	Bahava	40	Medium sized deciduous tree & Butterfly host plant
10	Azardirachta Indica	Neem	20	Good canopy, temperature tolerance, good CO 2 sink, anti-desertification properties
11	Citrus sp	Lemon	17	Butterfly host plant
12	Lagerstroemia flos-regineae	Tamhan	31	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers
13	Bauhinia Racemosa	Apata	35	Nesting for avi fauna & nitrogen-fixating
14	Mimusops elengi	Bakul	28	Shady tree, small white fragrant flowers
15	MangiferaIndica	Mango	25	Large evergreen, dense, nesting for avi fauna.

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

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

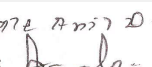

Serial Number	Name	C/C Distance	Area m2
1	Tecomonia Capensis	-	-
2	Hibiscus lafrance Pink	-	-
3	Tabernae Montana Single	-	-

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4	Tabernae Montana Single	-	-
5	Tabernae Montana Single	-	-
6	Tabernae Montana Single	-	-
7	Tabernae Montana Single	-	-
8	Lemonia Spectabilis	-	-

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEB
	<b>During Construction Phase: (Demand Load)</b>	400 Kw
	<b>DG set as Power back-up during construction phase</b>	1 x 380 kVA
	<b>During Operation phase (Connected load):</b>	3111.30 kW
	<b>During Operation phase (Demand load):</b>	2329.76 kW
	<b>Transformer:</b>	6 x 630 kVA
	<b>DG set as Power back-up during operation phase:</b>	1 x 750 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:

- 1) Use of Variable speed drives for Lifts
- 2) Use of CFL/T-5 Fittings & Electronic Ballast in Common area
- 3) Use of LED Fittings in Lighting of lift lobby or passages
- 4) Use of solar based lighting systems in common areas.
- 5) Using VFD for Fan and pump for STP
- 6) Using high efficient equipment & BEE Certified Motors for Basement ventilation
- 7) Renewable Solar power generation

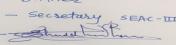
### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using LED Lightning	80 kW
2	Energy Saving using Solar Water Heater	177 kW
3	Energy Generation proposed through Solar Panels	46.20 kW
4	Total Energy saving	19 %

### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG	Not applicable	1 x 750 KVA with Acoustic encloser


<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	80 Lakh
	<b>O &amp; M cost:</b>	2.50 Lakh

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**S.D.Aher (Secretary SEAC-III)**

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## 51.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	0	3.00
2	Site Sanitation & Safety	0	0.54
3	Environmental Monitoring	0	4.50
4	Disinfection	0	0.54
5	Health Check up	0	0.40
6	Total (A) for entire Construction Period	0	8.98

### 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 reuse Rain water	30.00	0.40
2	Sewage Treatment Plant	To treat Sewage	150	41.30
3	Organic Waste Composting	To manage wet waste	20	13.40
4	Tree Plantation	Tree Plantation	1050	5.40
5	Energy saving	Energy saving measures	80	2.50
6	Solar Water heating system	renewable energy system	70.00	3.00
7	Swimming pool	Swimming pool	35.00	1.60
8	Environment Monitoring	Environment Monitoring	0.00	3.00
9	Basement Ventilation	Basement Ventilation	80.00	2.00
10	Total (B)	Total (B)	1515.00	72.60
11	Total ( A+B)	Total ( A+B)	1515.00	81.58

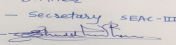
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

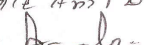
## 53.Traffic Management

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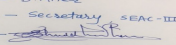
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	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	NA
<b>Parking details:</b>	<b>Number and area of basement:</b>	1 NO. 14592.15 M2
	<b>Number and area of podia:</b>	1 NO. 15968.24 M2
	<b>Total Parking area:</b>	11691 M2
	<b>Area per car:</b>	Provided as per NBC Rules
	<b>Area per car:</b>	Provided as per NBC Rules
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1631
	<b>Number of 4-Wheelers as approved by competent authority:</b>	414
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	Min 5.5 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>	Category B
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Total Land Area is 133493 Sq.m. which is subdivided in Two plots namely Plot 1 and Plot 2. After deduction of required parameters, Land Area available for development on Plot 1 = 33017.30 Sq.m. and on Plot 2 = 43852 Sq.m.  At presently, Proposed Residential development is proposed on Plot 1.
	<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.

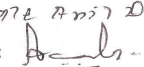
### Brief information of the project by SEAC

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Environment Clearance for Proposed Group Housing project at S.No.98/1(P),98/2,99/1,99/2(P),99/3(P),99/4(P),101/2(P) & 101/3 at Village Name - Mann, Tal. Mulshi, Dist. Pune, by **Mr.RajendraGadekar**.

PP submitted their application for prior Environmental clearance for total plot area of 33017.30 Sq. Mtrs, BUA of 116166.77 Sq. Mtrs and FSI area of 65898.72 Sq. Mtrs. PP proposes to construct 6 no. residential building and 1 commercial + 2 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

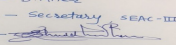
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

### Specific Conditions by SEAC:

- 1) PP to submit site specific EMP along with Cost of WTP.
- 2) PP to submit revise layout plan considering amenity space.
- 3) PP to submit revise Plan for SWD.
- 4) PP to submit Debris Management Plan
- 5) PP to submit revise RG Plan.
- 6) PP to submit revise tree list with additional species.
- 7) PP to submit revise SWATCH NOC.
- 8) PP to revise STP planning for aeration tank take above the ground also addition of ozonisation.
- 9) PP to extend quarrying time of OWC up to 18 days and submit revise design accordingly.
- 10) PP to submit plan for sewer line connectivity up to final disposal point.
- 11) PP to submit geohydrological report
- 12) PP to submit CFO Noc.
- 13) PP to submit details of CER activities in consultation with the people in the project area as per MoEF & CC circular dated 1/05/2018 if applicable.
- 14) PP to submit an undertaking for assured water supply.
- 15) PP to submit details of socioeconomic development near vicinity.
- 16) PP to submit revised Disaster Management Plan including costing.

## FINAL RECOMMENDATION

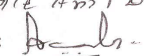
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

**Subject:** Environment Clearance for Submission of Application for Environmental Clearance for "Proposed Residential Building Project" by Uday Constructions S. No. 50/6 (P), Village Punavale, Tal: Haveli, Pune

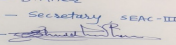
**Is a Violation Case:** No

1.Name of Project	Proposed Residential Building Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. B V Gaikwad
4.Name of Consultant	VK:e environmental
5.Type of project	Housing Project and commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 50/6 (P), Village Punavale
9.Taluka	Haveli
10.Village	Punavale
Correspondence Name:	Mr. B V Gaikwad
Room Number:	Shop no 22/23
Floor:	1st
Building Name:	Sant tukaram Sankul
Road/Street Name:	Behind Savali Hotel
Locality:	Nigdi
City:	Pune
11.Area of the project	PCMC
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: Applied Approved Built-up Area: 27166.98
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.)	10413
16.Deductions	1190.40
17.Net Plot area	9223.27
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15806.68
	b) Non FSI area (sq. m.): 11360.30
	c) Total BUA area (sq. m.): 27166.98
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	11360.30
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	10% of Total Plot Area
21.Estimated cost of the project	40000000

## 22.Number of buildings & its configuration

<p>Name - S D Aher Designation - Secretary SEAC-III Sign </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b></p>	<p><b>Page 52 of 73</b></p>	<p>Name: K a n e A n i l D Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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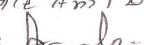
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	COMM	G	4.65	
2	BLDG-A	P+P+15	49.95	
3	BUNGALOW	P+P+2	5.80	
4	BLDG-B	P+P+15	49.95	
5	BLDG-C	P+P+15	49.95	
6	Club House	G+1	6.35	
<b>23.Number of tenants and shops</b>	Residential-260 Shop- 10			
<b>24.Number of expected residents / users</b>	Residential-1300 Shop- 30			
<b>25.Tenant density per hectare</b>	230			
<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>	9 m			
<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>				

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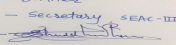
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<b>Dry season:</b>	<b>Source of water</b>	From PCMC
	<b>Fresh water (CMD):</b>	119
	<b>Recycled water - Flushing (CMD):</b>	161
	<b>Recycled water - Gardening (CMD):</b>	4
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	179
	<b>Fire fighting - Underground water tank(CMD):</b>	225
	<b>Fire fighting - Overhead water tank(CMD):</b>	150
	<b>Excess treated water</b>	97
<b>Wet season:</b>	<b>Source of water</b>	From PCMC
	<b>Fresh water (CMD):</b>	119
	<b>Recycled water - Flushing (CMD):</b>	161
	<b>Recycled water - Gardening (CMD):</b>	0
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	179
	<b>Fire fighting - Underground water tank(CMD):</b>	225
	<b>Fire fighting - Overhead water tank(CMD):</b>	150
	<b>Excess treated water</b>	101
<b>Details of Swimming pool (If any)</b>	NA	

### 33.Details of Total water consumed

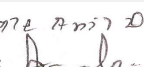

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	119	119	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Fresh water requirement	Not applicable	119	119	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Gardening	Not applicable	4	4	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	Not applicable	179	179	Not applicable	12	Not applicable	Not applicable	167	167

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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	28 m below ground level
	<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>	6
	<b>Size of recharge pits :</b>	1.5 X 1.5 X 1.5 M
	<b>Budgetary allocation (Capital cost) :</b>	231000
	<b>Budgetary allocation (O &amp; M cost) :</b>	29000
	<b>Details of UGT tanks if any :</b>	Domestic : 128 CuM Drinking : 49 CuM Fire : 225 CuM Flushing : 90 CuM

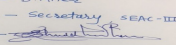
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Through Gravity, Direction of Flow - NE to SW
	<b>Quantity of storm water:</b>	0.1820 m3/sec
	<b>Size of SWD:</b>	450 x 300 mm wide trench

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	167 m3/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 Nos. - 185 m3/day
	<b>Location &amp; area of the STP:</b>	Locations are as per master layout ; 115.00 sqm
	<b>Budgetary allocation (Capital cost):</b>	48.50 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	4.86 Lakh/year

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	20.00 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

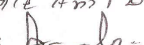
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	263 Kg/da
	<b>Wet waste:</b>	445 Kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	39.45 Kg/day
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	PCMC
	<b>Wet waste:</b>	Through Mechanical Composter (Smart OWC)
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure after treatment in OWC for Landscaping
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Locations are as per master layout
	<b>Area for the storage of waste &amp; other material:</b>	15 sqm
	<b>Area for machinery:</b>	60 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	20.25 Lakh
	<b>O &amp; M cost:</b>	4.79 Lakh/yea

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	mg/lit	6.0-8.5	6.5-7.5	6.5-7.5
2	Oil & Grease	Not applicable	Not applicable	Not applicable	Not applicable
3	Biological Oxygen Demand	mg/l	200-500	<10	Not to Exceed 50
4	Chemical Oxygen Demand	mg/l	350-450	<30	<30
5	Total Suspended Solid	mg/l	150-200	<20	<20
6	Nitrate	mg/l	25-30	<10	<5
7	DissolvePO4	mg/l	25-30	<5	<5
8	Fecal Coliform	Not applicable	Nil	<100	<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

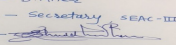
Note on ETP technology to be used: Not applicable

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

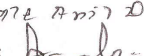
### 39. Stacks emission Details

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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	180 KVA	41.3 lit/hr Diesel	1	3.5	0.15	519.5

#### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	Diesel	Not applicable	41 litre/hr	Not applicable	
41.Source of Fuel		Authorized Dealer			
42.Mode of Transportation of fuel to site		Barrels in closed Tampo			

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	926.01 sqm i.e 10 % of net plot area (9223.27 sqm)
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	120
	<b>List of proposed native trees :</b>	Maharukh,Kadamb,Fish Tail Palm,Pangara,Kunti,Son Chafa,Sita Ashok,Tamhan,Chiku,Palas,Sitafal
	<b>Timeline for completion of plantation :</b>	6 month after Project Completion

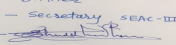
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus Excelsa	Maharukh	10	Large tree, good for roadside plantation
2	Anthosaphalus Kadamba	Kadamb	10	Shady, large tree, ball shaped flowers.
3	Caryota Urens	Fish Tail Palm	10	Tall evergreen tree
4	Erythrina Indica	Pangara	15	Medium sized deciduous tree. Bright scarlet flowers.
5	Murrayya Paniulate	Kunti	10	Small tree, Fragrant white flowers,Butterfly host plant
6	Michela Champaca	Son Chafa	10	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
7	Saraca Asoka	Sita Asoka	10	Shady tree with red-yellow flowers.
8	Lagestromia Flosre Genia	Tamhan	15	State flower tree of Maharashtra,Medium sized tree, beautiful purple flowers
9	Manilkara Zapota	Chiku	10	Medium sized Fruit Bearing Tree
10	Butea Monosperma	Palas	10	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
11	Annona Squaosa	Sitafal	10	Medium sized 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:

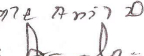
Serial Number	Name	C/C Distance	Area m2
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1	NA	NA	NA
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### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	130 KW
	<b>DG set as Power back-up during construction phase</b>	160 KVA
	<b>During Operation phase (Connected load):</b>	1177 KW
	<b>During Operation phase (Demand load):</b>	776 KVA
	<b>Transformer:</b>	Residential (630 KVA X 1 ) + (315 X 1)
	<b>DG set as Power back-up during operation phase:</b>	Residential (180 KVA X 1
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

Using Conventional CFL & LED - 27739.24 Kwh/Yr i.e 32.98%  
 Using Low Loss Transformer -3153.60Kwh/Yr i.e 8.57%  
 Using Solar Water Heater -2430.00 Kwh/Yr i.e 75.34%

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

Serial Number	Energy Conservation Measures	Saving %
1	Using Conventional CFL & LED	32.90 %
2	Using Low Loss Transformer	8.57 %
3	Using Solar Water heater	75.34 %

### 50. Details of pollution control Systems

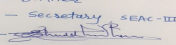
Source	Existing pollution control system	Proposed to be installed
Effluent	Not applicable	STP
Biodegradable waste	Not applicable	OWC
DG Set	Not applicable	Installing DG Set which compiles to CPCB norms.

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	41.15 Lakhs
	<b>O &amp; M cost:</b>	9.57 Lakhs/year

### 51. Environmental Management plan Budgetary Allocation

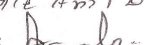
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
---------------	------------	-----------	------------------------------------

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

1	Air	Ambient Temperature, Dry bulb Temperature, Wet bulb Temperature, Relative Humidity, Sampling Duration, Sulphur Dioxide (SO <sub>2</sub> ), Oxides of Nitrogen (NO <sub>2</sub> ), Particulate Matter PM <sub>10</sub> , Particulate Matter PM <sub>2.5</sub> , Ozone (O <sub>3</sub> ), Lead (Pb), Carbon Monoxide (CO), Ammonia (NH <sub>3</sub> ), Benzene (C <sub>6</sub> H <sub>6</sub> ), Benzo(a)Pyrene (BaP), Arsenic (As), Nickel (Ni)	1.10
2	Source Emission	Material of Stack, Stack Height from Ground Level, Type of Stack, Flue Gas Temperature, Differential Pressure, Velocity, Dimensions of Stack, Stack Area, Gas Volume, Particulate Matter, Sulphur Dioxide	6.33
3	Ambient Noise	Noise	1.99
4	Water	pH, Total Dissolved Solids, Total Suspended Solids, Total Hardness, Calcium, Magnesium, Sulphates, Chlorides, Iron, Total Coliforms, Faecal Coliforms	3.74
5	Soil	pH of 10% Suspension, Conductivity, Bulk Density, Density, Permeability, Sodium Absorption Ratio, Organic Matter, Alkalinity (as CaCO <sub>3</sub> ), Potassium (as K), Phosphorous (as P), Iron (as Fe), Copper (as Cu), Zinc (as Zn), Texture, Percentage of Different Components (Sand, Silt, Clay)	5.66

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	Including external drainage connection	48.5	4.86
2	Rain Water Harvesting	Based on GeoHydrology Report	4.63	0.39
3	Storm Water Networking	To assure proper disposal of Storm Water	5.2	0.52
4	Solid Waste Management	To assure proper disposal of Dry and Wet Waste	20.25	4.79
5	Landscape	As required by the authorities to help environment	11.61	1.80
6	Energy	With all said energy saving measures	88.85	9.57
7	Environmental Monitoring	Air, Noise, Water, Effluent tests as per government norms	NA	2.95

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

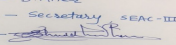
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

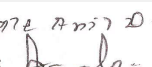

Nos. of the junction to the main road & design of confluence:	As per Parking & Traffic Management Plan
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**S.D.Aher (Secretary SEAC-III)**

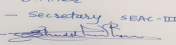
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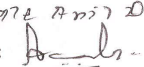
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	4262.150 sqm
	<b>Area per car:</b>	30 sqm
	<b>Area per car:</b>	30 sqm
	<b>Number of 2-Wheelers as approved by competent authority:</b>	532
	<b>Number of 4-Wheelers as approved by competent authority:</b>	138
	<b>Public Transport:</b>	Bus Stop is Available
	<b>Width of all Internal roads (m):</b>	6m
	<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>	B2
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Fire NoC - Received, Water NoC - Received, Drainage NoC Received
	<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>		

Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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

Environment Clearance for "Proposed Residential Building Project" by Uday Constructions S. No. 50/6 (P), Village Punavale, Tal: Haveli, Pune **Mr. B V Gaikwad**.

PP submitted their application for prior Environmental clearance for total plot area of 10413Sq. Mtrs, BUA of 27166.98Sq. Mtrs and FSI area of 15806.68Sq. 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) B2.

### DECISION OF SEAC

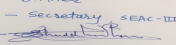
**SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.**

#### Specific Conditions by SEAC:

- 1) PP to submit an undertaking for sustainable water supply.
- 2) PP to submit cross sections of the plot boundary showing the Storm water drain, space left in between compound wall, tree plantation line, and internal road.
- 3) PP to submit drawings & calculations for energy saving
- 4) PP to submit DMP including details of lighting arrester.
- 5) PP to submit revise STP drawing.

### FINAL RECOMMENDATION

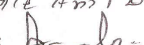
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Name - S.D.Aher  
Designation - Secretary SEAC-III  
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**S.D.Aher (Secretary SEAC-III)**

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

## Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

**SEAC Meeting number: 65 Meeting Date May 30, 2018**

**Subject:** Environment Clearance for Expansion of Building Construction Project

**Is a Violation Case:** No

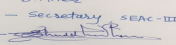
<b>1.Name of Project</b>	"Kalpataru Estate"
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. Kalpataru Constructions (Pune)
<b>4.Name of Consultant</b>	M/s. ABC Techno Labs India Pvt. Ltd.
<b>5.Type of project</b>	Housing Project
<b>6.New project/expansion in existing project/modernization/diversification 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 dated 02/01/2007
<b>8.Location of the project</b>	S. No.-: 85/1A/1, 85/1B/2/1, 91/1A, 90/2/1, 86/2B/1
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Pimple Gurav
<b>Correspondence Name:</b>	M/s. Kalpataru Constructions (Pune)
<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>	Yes
	<b>IOD/IOA/Concession/Plan Approval Number:</b> B.P./Layout/ENV/P.Gurav/1/2017 dated 20/12/2017
	<b>Approved Built-up Area:</b> 144512.46
<b>13.Note on the initiated work (If applicable)</b>	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed ,Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed), Existing Total Area: 1,29,653.43 m2
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	84,800.00 Sqm
<b>16.Deductions</b>	39,485.50 Sqm
<b>17.Net Plot area</b>	45,314.50 Sqm
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 78,690.64 Sqm
	<b>b) Non FSI area (sq. m.):</b> 65,821.82 Sqm
	<b>c) Total BUA area (sq. m.):</b> 144512.46
<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>
<b>19.Total ground coverage (m2)</b>	10897.78
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	19%
<b>21.Estimated cost of the project</b>	2474345901

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b></p>	<p><b>Page 62 of 73</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Existing Phase I:	-	-
2	1 A	P + 7 Floors	20.30
3	1 B	P + 7 Floors	20.30
4	2 A	P + 7 Floors	20.30
5	2 B	P + 7 Floors	20.30
6	3 A	P + 7 Floors	20.30
7	3 B	P + 7 Floors	20.30
8	Shops	3 No	4.80
9	Existing Phase II:	-	-
10	4 A	P + 12 Floors	34.80
11	4 B	P + 12 Floors	34.80
12	4 C	2P + 12 Floors	34.80
13	4 D	2P + 12 Floors	34.80
14	5 A	2P + 12 Floors	34.80
15	5 B	2P + 12 Floors	34.80
16	5 C	2P + 12 Floors	34.80
17	6 A	P + 12 Floors	34.80
18	6 B	P + 12 Floors	34.80
19	6 C	P + 12 Floors	34.80
20	Existing Phase III:	-	-
21	7 A	P + 12 Floors	34.80
22	7 B	P + 12 Floors	34.80
23	7 C	P + 11 Floors	31.90
24	7 D	P + 11 Floors	31.90
25	9 A	P + 9 Floors	26.10
26	9 B	P + 12 Floors	34.80
27	Proposed Phase III:	-	-
28	8 A	P + 12 Floors	35.40
29	8 B	P + 12 Floors	35.40
30	8 C	P + 12 Floors	35.40

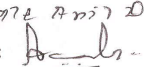
<b>23.Number of tenants and shops</b>	Existing: 897 Nos. & 3 Shops Proposed: 69 Nos. Total: 966 Tenements & 3 Shops
<b>24.Number of expected residents / users</b>	Existing: 4485 Nos. Proposed: 345 Nos. Commercial (Shops) : 21 Total -4851
<b>25.Tenant density per hectare</b>	213.24
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	45 M wide D.P. road

Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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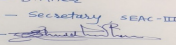
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed, Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed) Existing Total Area: 1,29,653.43 m <sup>2</sup>
<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

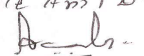
<b>Dry season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	449.504
	<b>Recycled water - Flushing (CMD):</b>	225.072
	<b>Recycled water - Gardening (CMD):</b>	27.271
	<b>Swimming pool make up (Cum):</b>	11.6
	<b>Total Water Requirement (CMD) :</b>	701.847
	<b>Fire fighting - Underground water tank(CMD):</b>	800
	<b>Fire fighting - Overhead water tank(CMD):</b>	380
	<b>Excess treated water</b>	278.036

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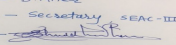


<b>Wet season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	449.504
	<b>Recycled water - Flushing (CMD):</b>	225.072
	<b>Recycled water - Gardening (CMD):</b>	Not Applicable
	<b>Swimming pool make up (Cum):</b>	11.6
	<b>Total Water Requirement (CMD) :</b>	674.576
	<b>Fire fighting - Underground water tank(CMD):</b>	800
	<b>Fire fighting - Overhead water tank(CMD):</b>	380
	<b>Excess treated water</b>	305.307

<b>Details of Swimming pool (If any)</b>	<p>Dimension of Swimming Pool: - Main Pool: 25m X 11.5m X 1.2m depth Kids Pool: 8.7m X 7.5m X 0.45m depth</p> <p>Total water Requirement: 374 Cum Water requirement for make-up: 11.6 m3/day</p> <p>Budgetary allocation (Capital cost and O &amp; M cost) Capital Cost: Rs. 77,00,000/- O &amp; M Cost: Rs. 1,50,000/- per annum</p>
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### 33.Details of Total water consumed

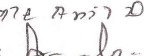
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
<b>Water Requirement</b>									
Fresh water requirement	418.454	31.050	449.504	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	628.001	46.575	674.576	83.691	6.21	89.901	544.310	40.365	584.675
Gardening	24.543	2.728	27.271	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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Sign 

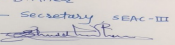
**S.D.Aher (Secretary SEAC-III)**

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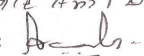
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre Monsoon: 11-18 m BGL, Post Monsoon:1.2-2.9 m BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	17 No. Provided
	<b>Size of recharge pits :</b>	6m x 4m x 2.5m
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 59,50,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1,02,000/- per annum
	<b>Details of UGT tanks if any :</b>	Domestic: 1099.292 KLD Flushing: 549.966 KLD Fire: 800 KLD
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per contour
	<b>Quantity of storm water:</b>	122.50 m3/hr
	<b>Size of SWD:</b>	600 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Existing: 544.310, Proposed: 40.365, Total: 584.675 KLD
	<b>STP technology:</b>	Extended Aeration System
	<b>Capacity of STP (CMD):</b>	1 No. 750 KLD Provided
	<b>Location &amp; area of the STP:</b>	As shown in layout plan
	<b>Budgetary allocation (Capital cost):</b>	Rs.1,25,11,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 8,00,000/- per Annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	12720 CUM
	<b>Disposal of the construction waste debris:</b>	Use for Land Leveling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	969.15 kg/day
	<b>Wet waste:</b>	1451.1 kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	35.08 kg/day
	<b>Others if any:</b>	E Waste: 2430 Kg/year

Name - S.D.Aher  
Designation - Secretary SEAC-III  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through SWACH agency
	<b>Wet waste:</b>	Organic Waste Converter
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	E-waste - Handed over to authorized dealer
<b>Area requirement:</b>	<b>Location(s):</b>	Refer Master Layout
	<b>Area for the storage of waste &amp; other material:</b>	190.00 m <sup>2</sup>
	<b>Area for machinery:</b>	Included
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 44,50,000/-
	<b>O &amp; M cost:</b>	Rs. 11,05,046/- per annum

### 37. Effluent Characteristics

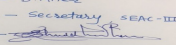
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	BOD	Mg/l	215	10	30
2	COD	Mg/l	680	32.26	250
3	Coliforms	Cfu/ml	<2	<2	-
4	E. Coli	Cfu/ml	Absent	Absent	-
Amount of effluent generation (CMD):		Not applicable			
Capacity of 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

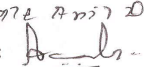
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
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**S.D.Aher (Secretary SEAC-III)**

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1	Not applicable	Type of Fuel: HSD Existing: For 125 KVA X 1 No.: 15 Lit/hr For 200 KVA X 2 No.: 44 Lit/hr For 250 KVA X 1 No.: 30 Lit/hr Proposed: 200 KVA X 1 No: 42.5 Lit/Hr at 100% loading	5 No.	6.23	125 mm	300 Degree Celsius
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#### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	For 125 KVA X 1 No.: 15 Lit/hr For 200 KVA X 2 No.: 44 Lit/hr For 250 KVA X 1 No.: 30 Lit/hr	For 200 KVA X 1 No: 42.5 litre/Hour @ 100% Loading	131.5 litre/Hour

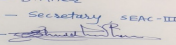
41.Source of Fuel  
Nearby pump

42.Mode of Transportation of fuel to site  
By Road

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	5678.65 Sqm
	<b>No of trees to be cut :</b>	Not Applicable
	<b>Number of trees to be planted :</b>	626 No.
	<b>List of proposed native trees :</b>	As shown below
	<b>Timeline for completion of plantation :</b>	At the time of completion of project

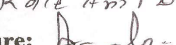
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Michelia champaka	Son Chafa	10	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
2	Azadirachta indica	Neem	36	Medicinal value. To control soil erosion. Pest and disease control
3	Spathodea campanulata	African Tulip Tree	43	Evergreen , flowering, medicinal and timber products
4	Tabebuia rosea	Pink Trumpet tree	54	Flowering, Medicinal use
5	Alstonia scholaris	Satvin	32	Evergreen , medicinal
6	Pongamia pinnata	Karanj	4	Medicinal, controls soil erosion
7	Ficus racemosa	Umber	3	Evergreen, Medicinal, Birds attracting, slope stabilization
8	Lagerstroemia indica	Pride of India	17	Native, attracts butterflies and bees
9	Cassia fistula	Bahava	22	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.

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**S.D.Aher (Secretary SEAC-III)**

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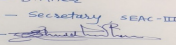
10	Mangifera indica	Mango / Amba	2	Fruit bearing, evergreen , medicinal, birds attracting
11	Moringa oleifera	Shevga / Drumstick	2	Fast growing, drought- resistant tree, medicinal properties
12	Plumeria rubra	Chafa	21	Medicinal value, Ornamental
13	Bauhinea blackena	Apta / Kanchanar	35	Every part of the plant is medicinal, Drought tolerant species.
14	Delonix regia	Gulmohar	1	Attracts bees and butterflies
15	Ficus religiosa	Pimpal	3	Religious, Evergreen, Medicinal
16	Plumeria alba	Chafa	20	Medicinal value, Ornamental
17	Bixa orenelle	Sendri	6	Industrial use, Medicinal use, Culinary use, attracts butterflies and bees
18	Peltophorum pterosperrum	Copper pod	4	Evergreen, ornamental, timber products
19	Plumeria pudica	Khair Chafa	6	Ornamental, flowering, quick growing
20	Ficus benjamina	Weeping fig	1	Evergreen, birds attracting, fast growing
21	Bauhinea purpurea	Kanchan	29	Native, quick growing, flowering, attracts birds, butterflies, bees
22	Switenia mahogani	Mahagony	38	Timber products, Evergreen, medicinal uses, quick growing, attracts bees
23	Brassia actinophylla	Umbrella tree	3	Evergreen, Shade/ indoor tree, attracts birds
24	Putranjiva roxburgii	Putranjiva	12	Evergreen, Ornamental, medicinal, attracts birds
25	Callistemon lanceolatus	Bottle brush	9	Evergreen, attracts birds and butterflies, quick growing
26	Mimusops elengii	Bakul	10	Flowering tree, Fragrant flowers, attracts birds and bees, evergreen
27	Millingtonia hortensis	Indian cork tree	46	Evergreen, bird attracting tree, fast growing
28	Leucaena leucocephala	Subabul	3	Fast growing, evergreen

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

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

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

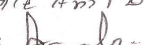
**47.Energy**

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	45 KW
	<b>DG set as Power back-up during construction phase</b>	1 No X 63 KVA
	<b>During Operation phase (Connected load):</b>	Existing Buildings: 4838 KW, Proposed Buildings: 780.80 KW
	<b>During Operation phase (Demand load):</b>	Existing Buildings: 2757.8 KW, Proposed Buildings: 442.34 KW
	<b>Transformer:</b>	Existing Buildings: 630 KVA X 8 No. and 315 KVA X 2 No., Proposed Buildings: 630 KVA X 1 No.
	<b>DG set as Power back-up during operation phase:</b>	Existing Buildings: 125 KVA X 1 No., 200 KVA X 2 No. and 250 KVA X 1 No. Proposed Buildings: 200 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:

Solar water heating system

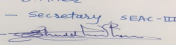
#### 49. Detail calculations & % of saving:

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.	39.17%
2	Energy Saving using Automatic Timer operation Against Manual operation for External & Common Area Lighting	33.33%
3	Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T5 fixture with Electronic Ballast for Flat internal point.	48.72%
4	Energy Saving using Solar Water Heater Against Electrical water Heater	74.29%
5	Energy saving using Low Loss Transformer Against Conventional Transformer	5%

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution by DG sets	Acoustic enclosure for DG set	Acoustic enclosure for DG set
Sewage Water	STP Provided	STP Provided

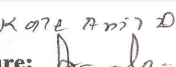

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 18,50,000/-
	<b>O &amp; M cost:</b>	Rs. 1,90,000/- per Annum

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## 51.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Separation	1.08
2	Air Environment	Air & Noise monitoring	0.2
3	Water Environment	Tanker water for construction	6.50
4	Water Environment	Water monitoring	0.5
5	Land Environment	Site Sanitation & safety	2.5
6	Socio Economic Environment	Disinfection-Pest Control	0.9
7	Socio Economic Environment	Health Check up	0.8

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	Waste Water Treatment	125.11	8.0
2	Rain Water Harvesting	17 No of recharging pits	59.50	1.02
3	Laying of storm water & Sewer line up to final disposal point	NA	106.95	0.25
4	Organic Waste Composting	Biodegradable solid waste treatment	44.50	11.05
5	Gardening	Landscape Development	231.20	23.12
6	Electrical	Energy Saving measures	18.5	1.90
7	Environmental Monitoring	Ambient Air Quality, Noise Level, Exhaust	-	1.5

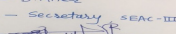
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

## 52.Any Other Information

No Information Available

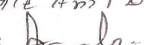
## 53.Traffic Management

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**S.D.Aher (Secretary SEAC-III)**

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	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Traffic generated From this project is confluent on existing 45 m & 18 m wide DP Road & 12 m wide internal road
<b>Parking details:</b>	<b>Number and area of basement:</b>	Not applicable
	<b>Number and area of podia:</b>	Not Applicable
	<b>Total Parking area:</b>	18890.48 sqm
	<b>Area per car:</b>	30 sqm including drive way
	<b>Area per car:</b>	30 sqm including drive way
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Existing - 1818 No, Proposed - 138 No
	<b>Number of 4-Wheelers as approved by competent authority:</b>	Existing - 587 No, Proposed - 69 No
	<b>Public Transport:</b>	Nearest Bus Stop- Pimple Gurav
	<b>Width of all Internal roads (m):</b>	12m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	Not Applicable
	<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

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: May 30, 2018</b></p>	<p><b>Page 72 of 73</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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Environment Clearance for Expansion of Building Construction Project at S. No.:- 85/1A/1, 85/1B/2/1, 91/1A, 90/2/1, 86/2B/1 , Pimple Gurav by **M/s. Kalpataru Constructions (Pune)**

PP submitted their application for prior Environmental clearance for total plot area of 84800.00Sq. Mtrs, BUA of 144512.46Sq. Mtrs and FSI area of 78690.64 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) B2. ( REVALIDATION)

### DECISION OF SEAC

During discussion PP stated that they have received EC no. 21-500/2006-IA III, dated 2nd January 2007 for proposed K Estate project for FSI area 77672.68 sqm and EC was valid till 5 years. i.e. till 2012. PP completed 1A, 1B, 2A, 2B, 3A, 3B, 4 ABCD, 5ABC, 6ABC, 7ABCD, 9AB buildings before 2012. Completion certificate for the same are also uploaded on website of EC. Also 8ABC are the proposed buildings.

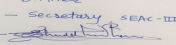
As the total FSI & non FSI AREA is reduced from previous EC. PP requested to revalidate previous EC.

***SEAC decided to recommend the proposal for revalidation, subject to PP complying with previous EC conditions.***

Specific Conditions by SEAC:

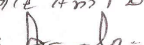
### FINAL RECOMMENDATION

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

Name - S.D.Aher  
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Sign   
**S.D.Aher (Secretary SEAC-III)**

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