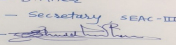


**58th SEAC-3 meeting****SEAC Meeting number: 58th meeting Meeting Date July 14, 2017****Subject:** Environment Clearance for New Residential project

<b>1.Name of Project</b>	Clover Crest
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. Clover Buildtech
<b>4.Name of Consultant</b>	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
<b>5.Type of project</b>	Housing
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No
<b>8.Location of the project</b>	S. No. 39, 40, 41(P) at Village-Pisoli, Tal- Haveli, Dist- Pune, State - Maharashtra
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Pisoli
<b>11.Area of the project</b>	Pune Metropolitan Region Development Authority
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Plan sanctioned under C.R. No 2524 dated 17-12-2015 for 2,66,563.76m <sup>2</sup> construction built up area (FSI Area) <b>IOD/IOA/Concession/Plan Approval Number:</b> Plan sanctioned under C.R. No 2524 dated 17-12-2015 for 2,66,563.76m <sup>2</sup> construction built up area (FSI Area) <b>Approved Built-up Area:</b> 266564
<b>13.Note on the initiated work (If applicable)</b>	Not Applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	1,49,837.0
<b>16.Deductions</b>	26,475.88
<b>17.Net Plot area</b>	1,23,361.12
<b>18.Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 1,53,328.76 <b>b) Non FSI area (sq. m.):</b> 1,13,235.00 <b>c) Total BUA area (sq. m.):</b> 2,66,563.76
<b>19.Total ground coverage (m<sup>2</sup>)</b>	29,963.37
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	24.29
<b>21.Estimated cost of the project</b>	70000000

**22.Number of buildings & its configuration**

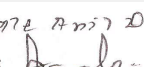

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing 1(Block A)	LG P + STILT + 15 Floors	48
2	Wing 2(Block A)	LG P + STILT + 15 Floors	48
3	Wing 1(Block B)	LG P + STILT + 15 Floors	48
4	Wing 2(Block B)	LG P + STILT + 15 Floors	48
5	Wing 1(Block C)	LG P + STILT + 15 Floors	48
6	Wing 2(Block C)	LG P + STILT + 15 Floors	48
7	Wing 1(Block D)	LG P + STILT + 15 Floors	48
8	Wing 2(Block D)	LG P + STILT + 15 Floors	48
9	Wing 1(Block E)	LG P + STILT + 15 Floors	48

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 1 of 98**

Name:   
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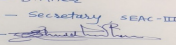
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10	Wing 2(Block E)	LG P + STILT + 15 Floors	48
11	Wing 1(Block F)	LG P + STILT + 15 Floors	48
12	Wing 2(Block F)	LG P + STILT + 15 Floors	48
13	Wing 1(Block G)	LG P + STILT + 15 Floors	48
14	Wing 2(Block G)	LG P + STILT + 15 Floors	48
15	Wing 1(Block H)	LG P + STILT + 15 Floors	48
16	Wing 2(Block H)	LG P + STILT + 15 Floors	48
17	Wing 1(Block I)	LG P + STILT + 15 Floors	48
18	Wing 2(Block I)	LG P + STILT + 15 Floors	48
19	Wing 1(Block J)	LG P + STILT + 15 Floors	48
20	Wing 2(Block J)	LG P + STILT + 15 Floors	48
21	Wing 1(Block K)	LG P + STILT + 15 Floors	48
22	Wing 2(Block K)	LG P + STILT + 15 Floors	48
23	Wing 1(Block L)	LG P + STILT + 15 Floors	48
24	Wing 2(Block L)	LG P + STILT + 15 Floors	48
25	RH Type 1	LG + UP	6
26	RH Type 2	LG + GR + First Floor	9
27	RH Type 3	GR + First Floor	6

<b>23.Number of tenants and shops</b>	1440 tenements and 12 Row Houses
<b>24.Number of expected residents / users</b>	Residential user : 7260 nos
<b>25.Tenant density per hectare</b>	130
<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 , 9 km away from Katraj Fire station
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9M
<b>29.Existing structure (s) if any</b>	No
<b>30.Details of the demolition with disposal (If applicable)</b>	No

### 31.Production Details

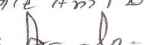
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 2 of 98**

Name: K. Anil Kale  
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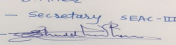
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### 32.Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	Pisoli Grampanchayat							
	<b>Fresh water (CMD):</b>	663							
	<b>Recycled water - Flushing (CMD):</b>	327							
	<b>Recycled water - Gardening (CMD):</b>	255							
	<b>Swimming pool make up (Cum):</b>	9							
	<b>Total Water Requirement (CMD) :</b>	1254							
	<b>Fire fighting - Underground water tank(CMD):</b>	600							
	<b>Fire fighting - Overhead water tank(CMD):</b>	600							
	<b>Excess treated water</b>	266							
<b>Wet season:</b>	<b>Source of water</b>	Pisoli Grampanchayat							
	<b>Fresh water (CMD):</b>	663							
	<b>Recycled water - Flushing (CMD):</b>	327							
	<b>Recycled water - Gardening (CMD):</b>	0							
	<b>Swimming pool make up (Cum):</b>	9							
	<b>Total Water Requirement (CMD) :</b>	994							
	<b>Fire fighting - Underground water tank(CMD):</b>	600							
	<b>Fire fighting - Overhead water tank(CMD):</b>	600							
	<b>Excess treated water</b>	521							
<b>Details of Swimming pool (If any)</b>	Dimension of Swimming Pool: Main pool size = 25 m x 9 m x 1.2 m Kid's pool size = 5.8m x 5.8m x 0.45m Shallow Water pool = 20.50 x 5.65 x 0.30 m Total water Requirement in KL: 320 Water requirement for make up in KLD: 9 cum								

### 33.Details of Total water consumed

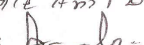
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	0	663	663	0	940.5	940.5	0	848	848

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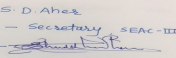
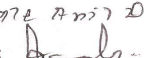
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 3 of 98**

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

Gardening	0	225	225	0	0	0	0	0	0	
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	6m								
	<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>	07 Nos.								
	<b>Size of recharge pits :</b>	1.2 x 1.2 x 6 m								
	<b>Budgetary allocation (Capital cost) :</b>	14Lacs								
	<b>Budgetary allocation (O &amp; M cost) :</b>	3 Lacs								
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 1053 m3 Flushing UG tank Capacity: 414 m3 Fire UG tank Capacity: 600 m3								
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	SW to NE								
	<b>Quantity of storm water:</b>	3.5 LPS								
	<b>Size of SWD:</b>	900 mm								
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	848								
	<b>STP technology:</b>	RMBR								
	<b>Capacity of STP (CMD):</b>	1000KLD								
	<b>Location &amp; area of the STP:</b>	Near J Block building Area:275.52 M2								
	<b>Budgetary allocation (Capital cost):</b>	135Lacs								
	<b>Budgetary allocation (O &amp; M cost):</b>	24.50 Lacs								
<b>36.Solid waste Management</b>										
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	75kg/day								
	<b>Disposal of the construction waste debris:</b>	used for for backfilling & road making								
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1260kg/day								
	<b>Wet waste:</b>	2052kg/day								
	<b>Hazardous waste:</b>	Negligible								
	<b>Biomedical waste (If applicable):</b>	Not Applicable								
	<b>STP Sludge (Dry sludge):</b>	50 kg / day								
	<b>Others if any:</b>	Not Applicable								
Name - S.D.Aher Designation - Secretary SEAC-III Sign 		<b>SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017</b>			<b>Page 4 of 98</b>		Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>			

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recyclers
	<b>Wet waste:</b>	Mechanical composting unit
	<b>Hazardous waste:</b>	Handed over to authorized recyclers
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as Manure
	<b>Others if any:</b>	Used as Manure
<b>Area requirement:</b>	<b>Location(s):</b>	Near L,D,F,H and I bldg
	<b>Area for the storage of waste &amp; other material:</b>	144 Sq. m.
	<b>Area for machinery:</b>	171 Sq. m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	67.70 lacs
	<b>O &amp; M cost:</b>	6.15Lacs

### 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

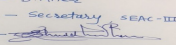
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Oil	41	Litre/DG/annum	0	3	123 Lit	Will be handed to MPCB authorized vendor

### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	HSD - 61.2 Litres/hr on average 75% load	2 nos. per DG	6	0.152	500 degree centigrade

### 40. Details of Fuel to be used

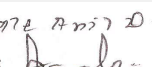

Serial Number	Type of Fuel	Existing	Proposed	Total
1	High Speed diesel as per IS 1460 , 2005 standard with sulphur content less than 0.05 %.	0	979.2 per DG per month	979.2 per DG per month

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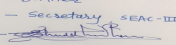
**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 5 of 98**

Name:   
Signature: 

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

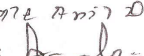
41.Source of Fuel		Nearest petrol pump		
42.Mode of Transportation of fuel to site		By road		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	14,513.00		
	<b>No of trees to be cut :</b>	143		
	<b>Number of trees to be planted :</b>	1500		
	<b>List of proposed native trees :</b>	1500		
	<b>Timeline for completion of plantation :</b>	Till the completion of the project		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Jacaranda mimosifolia	Jacaranda	84	valued for their intense flower displays
2	Delonix regia	Gulmohor	81	Shady, Beautiful flowers
3	Anthocephallus cadamba	Kadamb	36	Shady, large deciduous tree, fast growing graceful tree, ball shaped flowers
4	Terminalia catappa	Badam tree	352	Fruit bearing large leaves m deep shade.
5	Pongamia pinnata	Karanj	71	Shady tree.
6	Tabebuia argentea	Silver trumpet tree	36	dry season-deciduous tree, bright yellow flowers & ornamental tree
7	Saraca Asoka	Sita Ashok	51	Shady tree with red yellow flowers
8	Azadiracta indica	Neem	96	Large tree, good for roadside plantation
9	Lagerstroemia Flosregineae	Tamhan	34	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers.
10	Bauhinia racemosa	Apta	64	Small tree with small white flowers, butterfly host plant
11	Ficus elastica	Rubber fig	36	Rubber plant & ornamental tree. Commercial source of latex for rubber making
12	Ficus benjamina	Weeping fig	191	Flowering plant, small fruit are favoured by some birds
13	Caryota urens	Fishtail Palm	116	Tall evergreen tree
14	Schleichera oleosa	Kusum	26	Shady, deciduous tree , Flowering plant,
15	Cochlospermum religiosum	Sonsawar	10	deciduous tree , Flowering plant
16	Murraya paniculata	Kunti	19	Tropical evergreen tree, ornamental tree
17	Erythrina indica	Pangara	12	Medium sized deciduous tree. Bright scarlet flowers

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**SEAC Meeting No: 58th meeting Meeting Date:  
 July 14, 2017**

**Page 6 of  
 98**

Name: K. Anil Kale  
 Signature: 

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

18	Cassia fistula	Bahava	16	Medium sized deciduous tree. Beautiful yellow flowers, butterfly host plant.
19	Nyctanthes arbor-tristis	Parijatak	24	Flowering tree
20	Bauhinia variegata	Kanchan	28	Flowering tree
21	Michelia champaca	Son chafa	51	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
22	Manilkara zapota	Chiku	24	fruit bearing , long lived, strong & wind resistant
23	Peltophorum spp	Peltaphorum	36	deciduous tree , ornamental plant
24	Tectona grandis	Sagwan	6	Teak is known to be the king of timber as it has better economical value than other commercial trees.

**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**

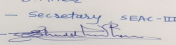
<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	246.56 KVA
	<b>DG set as Power back-up during construction phase</b>	320 KVA
	<b>During Operation phase (Connected load):</b>	8461.53 KW
	<b>During Operation phase (Demand load):</b>	13156.35KW
	<b>Transformer:</b>	9Nos X 1000 KVA
	<b>DG set as Power back-up during operation phase:</b>	3Nos of DG sets having capacity 365 KVA each.
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not any

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

Use of high efficacy lighting fixtures - T5, CFL's with electronic ballasts ,solar PV and solar water heating.

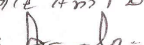
**49.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	Use of high efficacy lighting fixtures - T5, CFL's with electronic ballasts ,solar PV and solar water heating.	15%

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 7 of 98**

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

50.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Waste water	Not applicable	STP
MSW	Not applicable	OWC
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	40.2
	O & M cost:	0.4

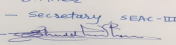
## 51.Environmental Management plan Budgetary Allocation

### 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	3.66
2	Water Environment	Tanker Water For Construction Water Monitoring	11.67
3	Land Environment	Mobile toilets Maintenance	6.5
4	Biological environment	Gardening	1.60
5	Socio Economic Environment	Disinfection- Pest Control First Aid Facilities Health Check Up Creches For Children Food for children's Personal Protective Equipment CFL Lamp LPG for labors	10.49

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

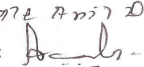
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	MoEF approved laboratory	442
2	RWH	No. of pits	14.0	3.0
3	STP	Waste water treatment	135	24.50
4	Electrical	Solar PV & Solar water heater	40.2	0.4
5	Gardening	Landscape development	200	6.0
6	Swimming pool	Water quality monitoring	20.0	3.0
7	Solid waste	For solid waste treatment	61.70	6.15

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 8 of 98**

Name: K. Anil Kale  
Signature: 

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



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

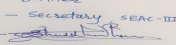
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## 52.Any Other Information

No Information Available

## 53.Traffic Management

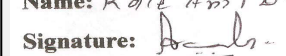
	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Traffic generated from this project will confluent on 9 m and 15 m wide road.
<b>Parking details:</b>	<b>Number and area of basement:</b>	No of basements: 01 Area of Basements:21995.82 m2
	<b>Number and area of podia:</b>	No of Podia:01 Area of Podiam-14331.40 m2
	<b>Total Parking area:</b>	36327.22 m2
	<b>Area per car:</b>	30M2
	<b>Area per car:</b>	30M2
	<b>Number of 2-Wheelers as approved by competent authority:</b>	2178
	<b>Number of 4-Wheelers as approved by competent authority:</b>	1089
	<b>Public Transport:</b>	Nearest Bus Stop: Kumar Properties
	<b>Width of all Internal roads (m):</b>	6M
	<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 any
	<b>Category as per schedule of EIA Notification sheet</b>	8(b) b1
	<b>Court cases pending if any</b>	Not any
	<b>Other Relevant Informations</b>	Not any

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 9 of  
98**

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	15-02-2016

### Brief information of the project by SEAC

Environment Clearance for New Residential project at S. No. 39, 40, 41(P) at Village-Pisoli, Tal- Haveli, Dist- Pune. (Compliance Case)

PP submitted their application for total plot area of 1,49,837 Sq. Mtrs, BUA of 2,65,273.62 Sq. Mtrs and FSI area of 1,53,328.76 Sq. Mtrs. PP proposes to construct 24 nos. of residential buildings, having maximum height of 51m, 12 nos of row houses and 2 nos of club house.

The case was earlier considered in 43rd meeting of the SEAC - III held from 23rd to 27th February 2016 when In the light of EIA Notification 2006 and amendment thereof issued by MoEF, SEAC III has given TOR's to the project. The case was again considered in 54th meeting of the SEAC - III held from 19th to 23rd September, 2016 when PP has submitted the EIA report for appraisal.

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 (B) B1.

### DECISION OF SEAC

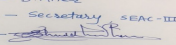
SEAC decided to recommend the proposal for Prior Environmental Clearance, subject to PP complying with the above conditions.

**Specific Conditions by SEAC:**

- 1) PP informed that they have obtained full potential sanction.
- 2) PP informed that they have not proposed any basements.
- 3) PP to correct number of trees mentioned in Consolidated Statement.

### FINAL RECOMMENDATION

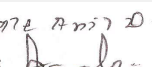
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 10  
of 98**

Name: K. Anil Kale  
Signature: 

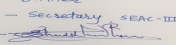
**Shri. Anil Kale (Chairman SEAC-III)**

**58th SEAC-3 meeting****SEAC Meeting number:** 58th meeting **Meeting Date** July 14, 2017**Subject:** Environment Clearance for Application for expansion of construction project Atria Grande for Environmental Clearance

<b>1.Name of Project</b>	Atria Grande
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Atria Constructions
<b>4.Name of Consultant</b>	Not required
<b>5.Type of project</b>	Housing project
<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 vide no. SEAC 2011/CR-981/TC-2 dated 26th November 2012
<b>8.Location of the project</b>	S. No. 2/2/1, 2/1/1, 6/3/4
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Autade Handewadi
<b>11.Area of the project</b>	PMRDA
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	In process IOD/IOA/Concession/Plan Approval Number: in process Approved Built-up Area: 67463
<b>13.Note on the initiated work (If applicable)</b>	14000 sqm as per sanction plan vide no. PRH/NASR/442/14 dated 12/11/2014 and previous environmental clearance
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	31,973.00 sq.m.
<b>16.Deductions</b>	1309.66 sq.m.
<b>17.Net Plot area</b>	30663.34 sq.m.
<b>18.Proposed Built-up Area (FSI &amp; Non-FSI)</b>	a) FSI area (sq. m.): 38,271.84 b) Non FSI area (sq. m.): 35,674.80 c) Total BUA area (sq. m.): 73,946.64
<b>19.Total ground coverage (m2)</b>	11795.47 sq. m.
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	38.47 %
<b>21.Estimated cost of the project</b>	85

**22.Number of buildings & its configuration**

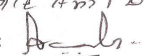
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A (1)	P +11	35.14
2	B (1)	P +11	35.14
3	C (1)	P +11	35.14
4	D (1)	2 P +7	26.78
5	E (1)	P+ 11	35.14
6	F (1)	P +11	35.14
7	G (1)	P +11	35.14
8	Amenity Building	LB +UB+G+3	14.96
9	Club House (2)	G	4.2

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 11 of 98**

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

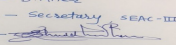
23.Number of tenants and shops	566 tenements Shops and offices
24.Number of expected residents / users	Residential: 2830, commercial : 900
25.Tenant density per hectare	250 t /hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Slab of building A,B,C, E,F,G
30.Details of the demolition with disposal (If applicable)	Not applicable

### 31.Production Details

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

### 32.Total Water Requirement

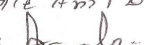
Dry season:	Source of water	Autade Handewadi
	Fresh water (CMD):	274 KLD
	Recycled water - Flushing (CMD):	154 KLD + 20 KLD Car Wash = 174 KLD
	Recycled water - Gardening (CMD):	32 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	480 KLD
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	20 000 Lit
	Excess treated water	180

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 12 of 98**

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

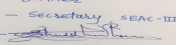
Wet season:	Source of water	Autade Handewadi
	Fresh water (CMD):	274 KLD
	Recycled water - Flushing (CMD):	154 KLD + 20 KLD = 174 KLD
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	448
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	20000 lit
	Excess treated water	212

Details of Swimming pool (If any) Not applicable

### 33.Details of Total water consumed

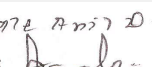

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	274	274	Not applicable	27	27	Not applicable	247	247
Gardening	Not applicable	32	32	Not applicable	32	32	Not applicable	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	40 m
	Size and no of RWH tank(s) and Quantity:	1 tank of capacity 1,00,000 lit
	Location of the RWH tank(s):	Please refer Layout
	Quantity of recharge pits:	17
	Size of recharge pits :	1.8 m. X 1.5 m. X 1.2 m. size.
	Budgetary allocation (Capital cost) :	Rs.10,20,000 /-
	Budgetary allocation (O & M cost) :	Rs. 1,00,000 /- p.a.
	Details of UGT tanks if any :	Domestic UG tank Capacity: 760 KL Treated Water UG tank Capacity: 200 KL Fire UG tank Capacity: 350 KL

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 13 of 98**

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

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per contour
	<b>Quantity of storm water:</b>	1189.62 m3/hr
	<b>Size of SWD:</b>	300 mm

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	385
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 no. 400 KLD
	<b>Location &amp; area of the STP:</b>	Please refer layout
	<b>Budgetary allocation (Capital cost):</b>	Rs. 87,00,000 /-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 16,49,000/- p.a.

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	7488 cum
	<b>Disposal of the construction waste debris:</b>	Land filling on the same site

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	585 kg/day
	<b>Wet waste:</b>	852 kg/day
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	27 kg/day
	<b>Others if any:</b>	E- waste : 1000 kg/year

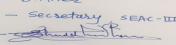
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through Authorized vendor
	<b>Wet waste:</b>	Through mechanized composting unit
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Through mechanized composting unit
	<b>Others if any:</b>	E waste: through authorized vendor

<b>Area requirement:</b>	<b>Location(s):</b>	Please refer layout
	<b>Area for the storage of waste &amp; other material:</b>	32 sqm
	<b>Area for machinery:</b>	18.95 sqm

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 19,50,000 /-
	<b>O &amp; M cost:</b>	6,50,000/- p.a.

### 37.Effluent Charecterestics

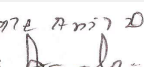

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 14 of 98**

Name:   
Signature: 

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

1	pH	Not applicable	7 -8.5	6.5-7.5	Not applicable
2	COD	mg/l	300-400	<30	Not to exceed 100 mg/l
3	BOD	mg/l	250-300	<10	Not to exceed 10 mg/l
4	TSS	mg/l	350-450	<5	Not to exceed 50 mg/l
5	O & G	mg/l	10	<5	Not applicable
6	TDS	mg/l	Not applicable	<1000	Not applicable
7	Total Nitrogen	mg/l as N	40-50	<10 or equal	Not applicable
8	Ammonical nitrogen	mg/l	5-7	<2 or equal	Not applicable
9	Total Phosphate	mg/l	5-7	<2 or equal	Not applicable
10	Feacal Coliform	MPN/100	1000000	Nil	Not applicable

Amount of effluent generation (CMD):	Not applicable
Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

### 38.Hazardous Waste Details

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

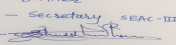
### 39.Stacks emission Details

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

### 40.Details of Fuel to be used

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

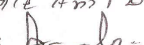
41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 15 of 98**

Name: K. Anil Kale  
 Signature: 

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	Residential : 3066.33 sqm and for Amenity space : 1149.88 sqm
	<b>No of trees to be cut :</b>	Not applicable
	<b>Number of trees to be planted :</b>	398 proposed and 9 existing Total : 407
	<b>List of proposed native trees :</b>	All trees are native
	<b>Timeline for completion of plantation :</b>	1 year after getting environmental clearance

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

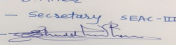
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica (Existing)	Neem	9	Medicinal properties
2	Azadiracta indica	Neem	29	Medicinal properties
3	Bauhinia variegata	Kanchan	57	Flowering shed tree
4	Calophyllum inophyllum	Undi	06	Native evergreen tree
5	Mimusops elengi	Bakul	48	Fragrant flowering tree
6	Lagerstroemia flos reginae	Tamhan	44	Official state tree
7	Pterospermum acerifolium	Kanak Champa	20	Pollinated by bats
8	Michelia champaka	Sonchafa	32	Fragrant flowering tree
9	Manikara sapota	Chikoo	03	Fruit bearing tree attracts birds
10	Embllica officinalis	Awala	02	Fruit bearing tree attracts birds
11	Psidium guajava	Peru	03	Fruit bearing tree attracts birds
12	Magnifera indica	Mango	03	Fruit bearing tree attracts birds
13	Butea monosperma	Palash	02	Brilliant seasonal flowering
14	Dillenia indica	Chalta	36	Evergreen shed tree
15	Saraca indica	Sita Ashok	14	small flowering tree
16	Cassia Fistula	Amaltas	09	Brilliant seasonal flowering
17	Plumeria acutifolia	Chafa	11	Temple tree
18	Caryota urens	Fish Tail palm	34	Low leaf tree
19	Pongamia glabra	Karanj	41	Native evergreen tree
20	Aegle marmelos	Baelpatra	04	Medicinal and religious importance

#### 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

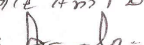
#### 47.Energy

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 16 of 98**

Name: K. Anil Kale  
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>	100 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	3215 KW.
	<b>During Operation phase (Demand load):</b>	1447 KW
	<b>Transformer:</b>	1000 KVA - 2 No's.
	<b>DG set as Power back-up during operation phase:</b>	160 KVA - 01 No. & 20 KVA -01 No.
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	Not applicable

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

Energy Saving measures -

- 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

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heater	339600 KWH /year
2	Auto control of street light & LED light in building	10950 KWH /year
3	LED energy efficient LAMPS - STREET LIGHT	85680 KWH/year
4	Efficient power distribution & efficient transformer	2252 KWH/year

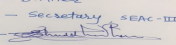
#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	Not applicable	STP
Biodegradable waste	Not applicable	Mechanical composter
Noise due to DG set	Not applicable	Acoustic enclosure and canopy

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.31,00,000 /-
	<b>O &amp; M cost:</b>	Rs. 1,65,000/-p.a.

### 51. Environmental Management plan Budgetary Allocation

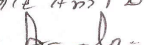
#### a) Construction phase (with Break-up):

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 17 of 98**

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression measures & barricading	0.8
2	Site Safety	Sign boards, net, labour safety	14.64
3	Site Sanitation	Treatment for waste water and waste	2.80
4	Disinfection & health check up	Medical camp	2.20
5	Environmental Monitoring	Air, Noise monitoring and water analysis	0.70

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	400 KLD capacity	87	16.49
2	Solid waste Management	Mechanical composter	19.5	6.5
3	Storm water network	Internal piping and external upto final disposal	15	0.70
4	Rain Water Harvesting	Internal piping, pits	10.20	1.0
5	Landscape	Tree plantation and landscape	47.00	5.40
6	Energy - conservation methods	Solar water heater and PV cell for common lighting	31.00	1.65
7	Environmental Monitoring	Air and Noise monitoring, Soil and water analysis	00	1.60
8	Water supply through tanker ( 3 months)	Tankers	00	5.40
9	Site safety training and awareness	Fire fighting awarness	9.0	00
10	Water supply in case of shortage		0	5.40

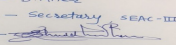
**51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)**

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

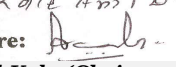
**53.Traffic Management**

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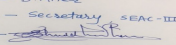
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 18 of 98**

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

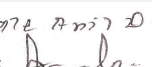
	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	2727.94 sqm two basement
	Number and area of podia:	3182.85 sqm one basement
	Total Parking area:	16,976 sqm
	Area per car:	36 sqm and 32 sqm
	Area per car:	36 sqm and 32 sqm
	Number of 2-Wheelers as approved by competent authority:	810
	Number of 4-Wheelers as approved by competent authority:	413
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-11-2016
<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: 58th meeting Meeting Date: July 14, 2017**

**Page 19 of 98**

Name: K. Anil Kale  
 Signature: 

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

Environmental clearance for expansion of construction project at S. No. 2/2/1, 2/1/1, 6/3/4 Village Autade Handewadi Taluka Haveli (New Case)

PP submitted their application for prior Environment Clearance for total plot area of 31,973.00 Sq. Mtrs, BUA of 73,946.64 Sq. Mtrs and FSI area of 38,271.84 Sq. Mtrs. PP proposes to construct 7 nos. of residential buildings having maximum height of 35.14 Mtrs. , 1 No. of amenity building, & 2 No. of club house.

During the meeting committee noted that PP had earlier environment clearance dated 26.11.2012 to the project ,now PP applied for expansion of earlier project. As per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained present for the meeting. However, Committee noted that the total built up area of project is 73,946.64 Sq.Mtrs. and project falls under jurisdiction of PMRDA, Special Planning Authority in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

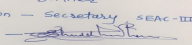
### DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

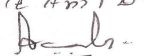
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 20  
of 98**

Name: K. Anil Kale  
Signature: 

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

## 58th SEAC-3 meeting

**SEAC Meeting number: 58th meeting Meeting Date July 14, 2017**

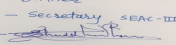
**Subject:** Environment Clearance for 8(a) Building & construction projects, B2 Category

1.Name of Project	Hospital project
2.Type of institution	Private
3.Name of Project Proponent	M/s. AC Realty Spaces LLP (Owner: Mr. Atul Chordia)
4.Name of Consultant	Green Circle Inc.
5.Type of project	Hospital project (Building & construction projects)
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No.111/11/1(P) , Baner, Pune, Maharashtra.
9.Taluka	Haveli
10.Village	Baner
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied for IOD approval.
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied for IOD approval.
	<b>Approved Built-up Area:</b> 31658.13
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.)	7965 Sq.m
16.Deductions	816.65 Sq.m
17.Net Plot area	7148.35 Sq.m
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 11696.48 Sq.m
	b) Non FSI area (sq. m.): 19961.65 Sq.m
	c) Total BUA area (sq. m.): 31658.13 Sq.m
19.Total ground coverage (m2)	1605.16 Sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30.14 %
21.Estimated cost of the project	630000000

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 No.	3 Basement + Lower Ground + Ground + 7 Floors = 12	35.10

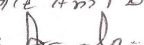
23.Number of tenants and shops	No. of beds: 180 beds
24.Number of expected residents / users	1260 (Patients: 180, Medical Staff: 450, Non Medical Staff: 270, Visitors: 360)
25.Tenant density per hectare	NA
26.Height of the building(s)	

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 21 of 98**

Name: K. Anil Kale  
Signature: 

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

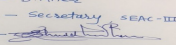
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

### 31.Production Details

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

### 32.Total Water Requirement

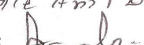
Dry season:	Source of water	PMC water supply
	Fresh water (CMD):	133.16
	Recycled water - Flushing (CMD):	35.64
	Recycled water - Gardening (CMD):	1
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	169.8
	Fire fighting - Underground water tank(CMD):	186.7 m3
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	95.81

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 22  
of 98**

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

Wet season:	Source of water	PMC water supply
	Fresh water (CMD):	133.16
	Recycled water - Flushing (CMD):	35.64
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	168.8
	Fire fighting - Underground water tank(CMD):	186.7 m3
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	96.81

Details of Swimming pool (If any)

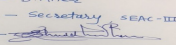
NA

### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	118.80	118.80	Not applicable	16.63	16.63	Not applicable	102.17	102.17
Gardening	NA	1	1	NA	1	1	NA	0	0

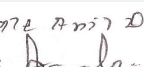

### 34.Rain Water Harvesting (RWH)

Level of the Ground water table:	20 to 22 m bgl
Size and no of RWH tank(s) and Quantity:	NA
Location of the RWH tank(s):	NA
Quantity of recharge pits:	4 Nos.
Size of recharge pits :	80 m3
Budgetary allocation (Capital cost) :	Rs. 7.5 Lakhs
Budgetary allocation (O & M cost) :	Rs. 1.0 Lakhs/yr
Details of UGT tanks if any :	1 No. of UG tank, Capacity: 1,86,700 Litres

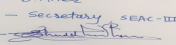
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**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 23 of 98**

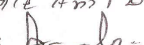
Name:   
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**Shri. Anil Kale (Chairman SEAC-III)**

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Yes
	<b>Quantity of storm water:</b>	96.81 cu.m
	<b>Size of SWD:</b>	150 mm dia.
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	102.17
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 No. x 120 KLD
	<b>Location &amp; area of the STP:</b>	Near OWP & 155.27 Sq.m
	<b>Budgetary allocation (Capital cost):</b>	Rs. 40 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 7 Lakhs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Construction debris, Waste concrete, metallic waste, plastics, broken bricks etc.
	<b>Disposal of the construction waste debris:</b>	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	201.66 kg/day
	<b>Wet waste:</b>	302.49 kg/day
	<b>Hazardous waste:</b>	Used oil; 100 L/yr
	<b>Biomedical waste (If applicable):</b>	126.03 kg/day
	<b>STP Sludge (Dry sludge):</b>	13.065 kg/ day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized vendor for further handling and disposal or sent to disposal site through Municipal corporation
	<b>Wet waste:</b>	Convert to Bio-manure through Organic waste Processor
	<b>Hazardous waste:</b>	Sold to authorized vendor
	<b>Biomedical waste (If applicable):</b>	The biomedical waste will be collected as per different Categories in the different color coded bags and handed over to PMC as per the Biomedical Waste Management Rules, 2016.
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for gardening.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Near STP
	<b>Area for the storage of waste &amp; other material:</b>	90 Sq. m
	<b>Area for machinery:</b>	32.36 Sq. m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 12 lakhs
	<b>O &amp; M cost:</b>	Rs.1.76 lakhs/yr

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

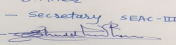
**SEAC Meeting No: 58th meeting Meeting Date:  
 July 14, 2017**

**Page 24  
 of 98**

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



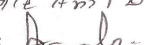
37. Effluent Characteristics							
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)		
1	pH	-	6.0 - 8.5	5.5 - 9.0	6.5 - 9.0		
2	Oil & Grease	mg/L	10 - 20	< 10	10		
3	BOD	mg/L	200 - 250	< 10	10		
4	COD	mg/L	350 - 450	< 60	50		
5	TSS	mg/L	150 - 200	< 10	20		
Amount of effluent generation (CMD):		45 KLD					
Capacity of the ETP:		50 KLD					
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		ASP					
Disposal of the ETP sludge		Disposal to approved disposal site					
38. Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used oil	5.1	L/yr	Not applicable	100	100	Sold to authorized vendor
39. Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	2 Nos. of DG set x 500 KVA	Diesel: 100 L/hr each	2	40	0.3	290 oC	
40. Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Diesel	Not applicable	200 L/hr	200 L/hr			
41. Source of Fuel		Local Market					
42. Mode of Transportation of fuel to site		Road transport					
<b>43. Green Belt Development</b>	Total RG area :	800 Sq. m					
	No of trees to be cut :	0					
	Number of trees to be planted :	100					
	List of proposed native trees :	Neem, Kadamba, Bakul, Jamun etc.					
	Timeline for completion of plantation :	2 years					
44. Number and list of trees species to be planted in the ground							

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

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

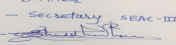
**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 25 of 98**

Name: K. Anil Kale  
 Signature: 

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

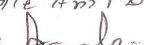
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinia tomentosa	Yellow Bauhinia	07	Small tree known to have antimicrobial activity
2	Gmellina arborea	White Teak	05	Fast growing deciduous tree.
3	Putranjiva roxburghii	Putranjiva	05	It contains mustard oils.
4	Tabubia rosea	Rosy trumpet tree	05	It is used as medicinal plant.
5	Azardiracta indica	Neem	05	Fast growing tree, used as vegetable, pest & disease control.
6	Millingtonea hortensis	India Cork Tree	06	Versatile tree can grow in various soil types & climate.
7	Anthocephalus cadamba	Kadamba	05	It has orange flowers.
8	Pongamia glabra	Indian Beech	09	The seeds of the tree are used for oil.
9	Mimusops elengi	Bakul	8	Medium sized evergreen tree.
10	Syzygium cumini	Jamun	10	Fruit bearing tree.
11	Plumeria alba	White Frangipani	08	Evergreen & ornamental tree.
12	Bauhinia blakeana	Hong Kong Orchid Tree	06	Flowering tree.
13	Artocarpus heterophyllus	Jackfruit	10	Fruit bearing tree
14	Caryota urens	Palm	05	Tall ornamental & flowering tree.
15	Mangifera indica	Mango	06	Fruit bearing tree.
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
<b>47.Energy</b>				

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 26 of 98**

Name: K. Anil Kale  
 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>	10 KW
	<b>DG set as Power back-up during construction phase</b>	NA
	<b>During Operation phase (Connected load):</b>	4826 KW
	<b>During Operation phase (Demand load):</b>	5429.25 KW
	<b>Transformer:</b>	NA
	<b>DG set as Power back-up during operation phase:</b>	2 Nos. x 500 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:

1. Use of LED fixtures in all areas of hospital compared to T8 / CFL lamps
2. Use of Lamp
3. Use of timer sensor
4. Use of VFD driven hydropneumatic plumbing systems, LIFTS and HVAC @ 25% minimum
5. Capacitors for common area load

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

Serial Number	Energy Conservation Measures	Saving %
1	Use of LED, Timer sensor, capacitors etc.	27.47 %

#### 50. Details of pollution control Systems

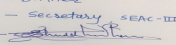
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 60 Lakhs
	<b>O &amp; M cost:</b>	Rs. 3 Lakhs/yr

### 51. Environmental Management plan Budgetary Allocation

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

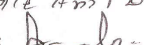
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	Particulate matter	1.0
2	Site Sanitation & Safety	-	1.5
3	Environmental Monitoring	Air, water, noise	1.25

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 27 of 98**

Name: K. Anil Kale  
Signature: 

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

4	Health Check up	All relevant parameters	0.75
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**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	STP Cost	40	7
2	Wastewater from Lab	ETP cost	25	7
3	Solid waste collection system & OWP	Solid Waste Management	12	1.76
4	Green area	Green Belt development	5	2
5	Groundwater recharge	Rain water harvesting	7.5	1
6	Energy	Energy Efficient equipments	60	3
7	Air, water, noise, soil	Environmental monitoring	-	5

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

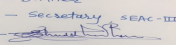
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

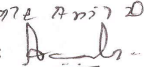
**53.Traffic Management**

Nos. of the junction to the main road & design of confluence:	2 Nos.
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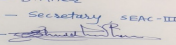
Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign   
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 28  
of 98**

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

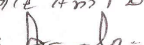
Parking details:	Number and area of basement:	3 Nos. & 7811 Sq. m
	Number and area of podia:	NA
	Total Parking area:	1321 Sq. m
	Area per car:	12.50 Sq. m
	Area per car:	12.50 Sq. m
	Number of 2-Wheelers as approved by competent authority:	232
	Number of 4-Wheelers as approved by competent authority:	127
	Public Transport:	Bus stop & Auto rickshaw stand near entrance gate.
	Width of all Internal roads (m):	12
	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	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	28-11-2016
<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: 58th meeting Meeting Date: July 14, 2017**

**Page 29 of 98**

Name: K. Anil D.  
 Signature: 

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

Environment Clearance for Hospital project at S. No.111/11/1(P) , Baner, Taluka Haveli Pune.(New Case)

PP submitted their application for prior Environment Clearance for total plot area of 7965 Sq. Mtrs, BUA of 31,658.13 Sq. Mtrs and FSI area of 11,696.48 Sq. Mtrs. PP proposes to construct 1 no. of hospital building having maximum height of 35.10 Mtrs.

During the meeting committee noted that as per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained present for the meeting. However, Committee noted that the total built up area of project is 31,658.13 Sq.Mtrs. and project falls under jurisdiction of Pune Municipal Corporation in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

### DECISION OF SEAC

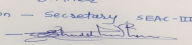
Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

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

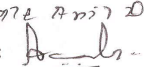
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 30  
of 98**

Name: K. Anil Kale  
Signature: 

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

## 58th SEAC-3 meeting

**SEAC Meeting number:** 58th meeting **Meeting Date** July 14, 2017

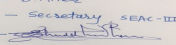
**Subject:** Environment Clearance for Amar Business Zone, Proposed commercial development at S.no. 87/A plot no.1, S.no. 87 (part), Baner, Haveli Taluka, Pune by Baner 87 Realty, Pune.

1.Name of Project	Amar Business Zone
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Jayashri Wani
4.Name of Consultant	Vk:e environmental LLP, Pune
5.Type of project	Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.no. 87/A plot no.1, S.no. 87 (part), Baner, Haveli Taluka, Pune by Baner 87 Realty, Pune.
9.Taluka	Haveli
10.Village	Baner
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Under Process
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Under Process
	<b>Approved Built-up Area:</b>
13.Note on the initiated work (If applicable)	Work for footing has been initiated when the project did not come under the perview of EIA Notification dated- 2006. This footing will be demolished during construction phase.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	16337.21 m2
16.Deductions	4492.44 m2
17.Net Plot area	11844.17 m2
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 29707.96 m2
	b) Non FSI area (sq. m.): 39758.41 m2
	c) Total BUA area (sq. m.): 69466.37 m2
19.Total ground coverage (m2)	2856.01 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	33% on Net plot area
21.Estimated cost of the project	1710000000

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 commercial building with three wings A,B,C	B+1G (Shops)+1F (Shops)+ 6F (Parking) +9F (Office) having 14 shops on ground floor and first floor, 63 offices on upper floors. No. of floors- 16 floors	69.45 m

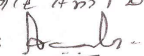
<b>23.Number of tenants and shops</b>	Residential : NA Commercial: a)No. of Shops-14, users 1158 persons + 58 visitors =1216 persons b)No. of offices- 63, users 4506 persons + 225 visitors = 4731 persons Total commercial users : 5947 (including visitors)
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign - 

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

**SEAC Meeting No: 58th meeting Meeting Date:**  
**July 14, 2017**

**Page 31**  
**of 98**

Name: K. Anil Kale  
Signature: 

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

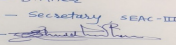
<b>24.Number of expected residents / users</b>	Residential : NA , Commercial: a)No. of Shops-14, users 1216 persons b)No. of offices- 63, users 4731 persons = 5947 (including visitors)
<b>25.Tenant density per hectare</b>	NA as it is commercial project, only floating population will be there.
<b>26.Height 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>	30 m wide road from the nearest fire station to the project. Nearest fire station & distance: 1) Hinjewadi fire station phase 1- 4.96 km 2) Fire station, Aundh - 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>	For easy access of fire tender, 9 m wide internal driveway & 9 m turning radius will be provided.
<b>29.Existing structure (s) if any</b>	Yes. One building block of 1395 Sq.m area exists on site.
<b>30.Details of the demolition with disposal (If applicable)</b>	One building block with 1395 sq.m area is existing on site which will be demolished during construction phase.

### 31.Production Details

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

### 32.Total Water Requirement

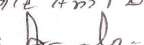
<b>Dry season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	115
	<b>Recycled water - Flushing (CMD):</b>	138
	<b>Recycled water - Gardening (CMD):</b>	10
	<b>Swimming pool make up (Cum):</b>	00
	<b>Total Water Requirement (CMD) :</b>	263
	<b>Fire fighting - Underground water tank(CMD):</b>	300
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 m3 for each wing
	<b>Excess treated water</b>	34.16

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 32  
of 98**

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



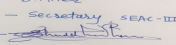
<b>Wet season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	115
	<b>Recycled water - Flushing (CMD):</b>	138
	<b>Recycled water - Gardening (CMD):</b>	00
	<b>Swimming pool make up (Cum):</b>	00
	<b>Total Water Requirement (CMD) :</b>	253
	<b>Fire fighting - Underground water tank(CMD):</b>	300
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 m3 for each wing
	<b>Excess treated water</b>	44.16

**Details of Swimming pool (If any)** Not Applicable

### 33.Details of Total water consumed

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

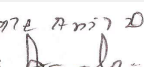

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season â?? 18.00 m. to 22.50 m. BGL. (20.25 M. BGL Average) Rainy Season â?? 6.50 m. to 9.25 BGL. (7.88 m. BGL Average) Winter Season â?? 12.25 m. to 15.88 m. BGL. (14.07 M. BGL Average)
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	7 nos
	<b>Size of recharge pits :</b>	a) 2.0 m. X 2.0 m. X 1.5 m. rain water harvesting pit with 6â?? Dia. 60 m. , Deep Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Deep.
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 7,00,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 50,000/-
	<b>Details of UGT tanks if any :</b>	UGWT Tank Capacity : Commercial Domestic water tank: 115.5 m3 Reclaimed Water Tank: 138 m3 Fire Fighting : 300 m3

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

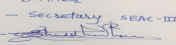
**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 33 of 98**

Name:   
Signature: 

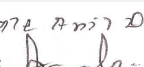

**Shri. Anil Kale (Chairman SEAC-III)**

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits.
	<b>Quantity of storm water:</b>	58.31 m <sup>3</sup> / Day
	<b>Size of SWD:</b>	750 mm wide X 600 mm deep
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	202.4 KLD
	<b>STP technology:</b>	MBBR (Moving Bed Biological Reactor) Technology
	<b>Capacity of STP (CMD):</b>	1 no. of 210 KLD
	<b>Location &amp; area of the STP:</b>	Near Transformer, Area of STP-104 m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	Rs.47,88,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs.11,97,000/-
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Waste Generation- due to labour colony (50 labours): - Dry waste (Kg/day): 4 kg/day -Wet waste (Kg/day): 6 kg/day -Total waste generated: 10 kg/day b. Demolition Waste:- 837 m <sup>3</sup> -due to demolition of existing structure.
	<b>Disposal of the construction waste debris:</b>	Disposal of the construction waste debris: The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	792 kg/day
	<b>Wet waste:</b>	624 kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	17.72 kg/day
	<b>Others if any:</b>	E-waste- 7.92 kg/day
<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 onsite Organic Waste Converter (OWC)
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Dried sludge from STP will be used as manure.
	<b>Others if any:</b>	E waste: will be handed over to Hi Tech Recyclers Pvt. Ltd.
<b>Area requirement:</b>	<b>Location(s):</b>	Near STP
	<b>Area for the storage of waste &amp; other material:</b>	33 m <sup>2</sup>
	<b>Area for machinery:</b>	24 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 23,75,000/-
	<b>O &amp; M cost:</b>	Rs.4,32,518/-

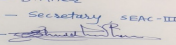
Name - S.D.Aher  
 Designation - Secretary SEAC-III  
 Sign   
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date:  
 July 14, 2017**

**Page 34  
 of 98**

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

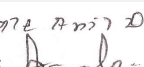

37. Effluent Characteristics							
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)		
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
Amount of effluent generation (CMD):		Not applicable					
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	4 DG sets of 1000 KVA	203.8 Litres per Hr (LPH) at 100% load	1 each	72.95 m	16 inches	500 deg celsius	
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					
<b>43. Green Belt Development</b>		<b>Total RG area :</b>	1676.10 sq m				
		<b>No of trees to be cut :</b>	28				
		<b>Number of trees to be planted :</b>	243 Å (Proposed - 45 + Compensatory trees for cutting & transplanting 120 nos + 66 retained + 12 Transplant = Total 243 nos.)Å				
		<b>List of proposed native trees :</b>	Refer below list- List contains 45 proposed trees + 120 trees compensatory trees				
		<b>Timeline for completion of plantation :</b>	Till operation phase				
44. Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Saraca Indica	Sita Ashok	20	Good for roadside plantation and provide shade.			

Name - S.D.Aher  
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 Sign - 

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 35 of 98**

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

2	Cassia Fistula	Bahava	21	Have medicinal properties and larval host for butterflies.
3	Logerstromia Flos Regineae	Tamhan	23	Good as a avenue tree, good for group planting around water gardens and ponds.
4	Azardiracta Indica	Neem	23	Good for restoration of dryer parts, good for air purification and have medicinal properties.
5	Michelia Champaca	Son Chafa	18	Good for ornamental purpose.
6	Bauhinia Racemosa	Apta	22	Drought resistant, good air purifier and have medicinal properties.
7	Magnifera Indica	Mango	18	Good for roadside plantation and provide shade.
8	Acrus Sapota	Chickoo	20	Good for roadside plantation and provide shade.

**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**

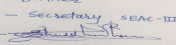
<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra State Electricity Distribution Company Limited (M.S.E.D.C.L.)
	<b>During Construction Phase: (Demand Load)</b>	60 kW
	<b>DG set as Power back-up during construction phase</b>	1 DG set of 125 kvA
	<b>During Operation phase (Connected load):</b>	5128.89 kw
	<b>During Operation phase (Demand load):</b>	3982.43 kw
	<b>Transformer:</b>	1500 KVA X 3nos.
	<b>DG set as Power back-up during operation phase:</b>	4 DG set of 1000 kvA
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

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

Use of stand-alone solar powered lamps for common area lights, external, street lights & landscape lighting.

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

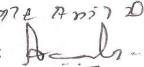
Serial Number	Energy Conservation Measures	Saving %
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign - 

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 36 of 98**

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

1	Use of LED lamps for common areas. Use of motion sensors, Timers & daylight sensors for common area lighting	64%
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### 50.Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.65,00,000/-
	<b>O &amp; M cost:</b>	Rs.1,25,000/-

### 51.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air environment	Erosion control & dust suppression measures, barricading and top soil preservation	16,85,150/-
2	Land	Labour Camp toilets & sanitation	2,40,000/-
3	Health and safety	Labour Safety Equipments and training	2,00,000/-
4	Environment	Environmental Monitoring	1,85,600/-
5	Health and safety	Disinfection and Health Check-ups	28,500/-
6	Environmental Management	Environmental Monitoring Cell	2,02,000/-

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	1 STP of 210 kld	47,88,000/-	11,97,000/-
2	Solid waste management	1 OWC	23,75,000/-	4,32,518/-
3	Landscaping	development and maintenance of green area	9,50,000/-	5,00,000/-
4	Rain water harvesting	7 recharge pits	7,00,000/-	50,000/-
5	Environmental Monitoring	air, water, noise, soil, waste water, owc manure	00	2,52,510/-
6	Solar PV panel system	street lighting and common area load	65,00,000/-	1,25,000/-

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign -  <b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017</b>	Page 37 of 98	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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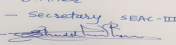
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

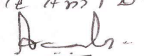
	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Proposed site is located at Baner. Site is accessible from 30 m road. For internal traffic movement 9 m wide driveway will be proposed.
<b>Parking details:</b>	<b>Number and area of basement:</b>	1 Level basement-
	<b>Number and area of podia:</b>	Not Applicable
	<b>Total Parking area:</b>	32095 m <sup>2</sup>
	<b>Area per car:</b>	35 m <sup>2</sup> including driveway
	<b>Area per car:</b>	35 m <sup>2</sup> including driveway
	<b>Number of 2-Wheelers as approved by competent authority:</b>	2386 nos
	<b>Number of 4-Wheelers as approved by competent authority:</b>	917 nos
	<b>Public Transport:</b>	Not Applicable
	<b>Width of all Internal roads (m):</b>	9 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>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	8 a Building & construction Project
	<b>Court cases pending if any</b>	Not Applicable
	<b>Other Relevant Informations</b>	Online inward on EC MOEF website has been done on 30th Dec 2016.

Name - S.D.Aher  
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Sign - 

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 38 of 98**

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	30-12-2016

### Brief information of the project by SEAC

Environment Clearance for Amar Business Zone, Proposed commercial development S.no. 87/A plot no.1, S.no. 87 (part), Baner, Haveli Taluka, Pune (New Case)

PP submitted their application for prior Environment Clearance for total plot area of 16337.21 Sq. Mtrs, BUA of 69,466.37 Sq. Mtrs and FSI area of 29,707.96 Sq. Mtrs. PP proposes to construct 1 no. of commercial building with three things having maximum height of 69.45 Mtrs.

During the meeting committee noted that as per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

During the meeting, Committee noted that the total built up area of project is 69,466.37 Sq.Mtrs. and project falls under jurisdiction of Pune Municipal Corporation in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

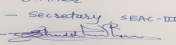
### DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

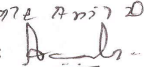
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 39  
of 98**

Name: K. Anil Kale  
Signature: 

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

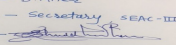
**58th SEAC-3 meeting****SEAC Meeting number:** 58th meeting **Meeting Date** July 14, 2017**Subject:** Environment Clearance for Application for Prior environmental clearance for Residential construction project at Hijewadi Phase III, Pune

<b>1.Name of Project</b>	Residential cum commercial construction project at Hijewadi Phase III.
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Hubtown Ltd
<b>4.Name of Consultant</b>	Not required
<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>	Plot no. R-3/3/A, Phase III, Rajiv Gandhi Infotech Park, hinjewadi, Pune
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Hinjewadi
<b>11.Area of the project</b>	MIDC Hinjewadi
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	IOD obtained
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Approved No. EE/IT/TB/A-66388 / OF 2017 Date-20/02/2017
	<b>Approved Built-up Area:</b> 29537.52
<b>13.Note on the initiated work (If applicable)</b>	Not applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not applicable
<b>15.Total Plot Area (sq. m.)</b>	9800
<b>16.Deductions</b>	0
<b>17.Net Plot area</b>	9800
<b>18.Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 19597.68
	<b>b) Non FSI area (sq. m.):</b> 9940.14
	<b>c) Total BUA area (sq. m.):</b> 29537.82
<b>19.Total ground coverage (m2)</b>	1251.80
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	14 %
<b>21.Estimated cost of the project</b>	610000000

**22.Number of buildings & its configuration**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1 (1)	P +25	75.50 m
2	Building 2 (1)	P +24	72.60 m
3	Building 3 (1)	P +25	75.50 m
4	Amenity Building (1)	G +2	11.55 m
5	Club House (1)	G +1	7.00 m

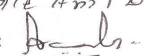
<b>23.Number of tenants and shops</b>	296 + one commercial building
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Sign - 

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

**SEAC Meeting No: 58th meeting Meeting Date:**  
**July 14, 2017**

**Page 40**  
**of 98**

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



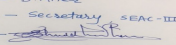
24.Number of expected residents / users	Residential: 1480 + Commercial: 126 , Total: 1606
25.Tenant density per hectare	250 T/Hect
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	20 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

### 31.Production Details

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

### 32.Total Water Requirement

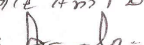
Dry season:	Source of water	MIDC Hinjewadi
	Fresh water (CMD):	135
	Recycled water - Flushing (CMD):	71 KL
	Recycled water - Gardening (CMD):	9 KL
	Swimming pool make up (Cum):	500-600 lit
	<b>Total Water Requirement (CMD) :</b>	215
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	10,000 lit
	Excess treated water	106 KL

Name - S.D.Aher  
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 Sign 

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 41 of 98**

Name: K. Anil D.  
 Signature: 

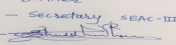
**Shri. Anil Kale (Chairman SEAC-III)**

<b>Wet season:</b>	<b>Source of water</b>	MIDC Hinjewadi
	<b>Fresh water (CMD):</b>	135
	<b>Recycled water - Flushing (CMD):</b>	71 Kl
	<b>Recycled water - Gardening (CMD):</b>	Nil
	<b>Swimming pool make up (Cum):</b>	500-600 lit
	<b>Total Water Requirement (CMD) :</b>	206
	<b>Fire fighting - Underground water tank(CMD):</b>	200 KL
	<b>Fire fighting - Overhead water tank(CMD):</b>	10,000 lit
	<b>Excess treated water</b>	115 KL

<b>Details of Swimming pool (If any)</b>	<p>Dimension of Swimming Pool: Main Pool Size: 3.25 m X 8.17 m X 0.9 m. Total water Requirement: 23,900 Lit Water requirement for make up: 500 - 600 lits per day</p> <p>Details of Plant &amp; Machinery used for treatment of Swimming pool water: The filtration system comprises of skimmers, floor drains, hair and lint strainers, pump, multi-port valve, high rate sand filter and floor inlets</p> <p>Disinfection: 1. Chlorine Daily basis 2. Alum Once a fortnight 3. Soda Ash/Acid Once in a while to correct the pH if required</p>
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### 33.Details of Total water consumed

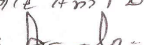
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	135	135	Not applicable	13	13	Not applicable	122	122
Gardening	Not applicable	9	9	Not applicable	9	9	Not applicable	0	0

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 42 of 98**

Name: K. Anil Kale  
Signature: 

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

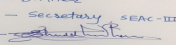
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre monsoon : 6.15 m below ground level. Post Monsoon : 3.15 m below ground level.
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not applicable
	<b>Location of the RWH tank(s):</b>	Not applicable
	<b>Quantity of recharge pits:</b>	6
	<b>Size of recharge pits :</b>	2 m x 2m x 2 m
	<b>Budgetary allocation (Capital cost) :</b>	Rs 2,57,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs 30,000/- per annum
<b>Details of UGT tanks if any :</b>	UGT type Domestic UGT Capacity 175 Fire UG tank Capacity 200 Flushing UGT Capacity 75 Raw water capacity 34	

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per contour
	<b>Quantity of storm water:</b>	10 .71 m3/min
	<b>Size of SWD:</b>	150mm to 250 mm dia.Pipe and Chambers

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	186
	<b>STP technology:</b>	Engineered Constructed Wetland (ECW) Technology
	<b>Capacity of STP (CMD):</b>	200
	<b>Location &amp; area of the STP:</b>	Please refer layout
	<b>Budgetary allocation (Capital cost):</b>	Rs 60,00,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs 3,00,000 per annum

### 36.Solid waste Management

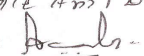
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	10324 cum
	<b>Disposal of the construction waste debris:</b>	On the same plot for filling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	315
	<b>Wet waste:</b>	457
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	<3
	<b>Others if any:</b>	E - waste: 356 Kg/year

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 43 of 98**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through authorized vendor
	<b>Wet waste:</b>	Mechanized composting machine
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Through Mechanized composting machine
	<b>Others if any:</b>	E waste: Through authorized vendor
<b>Area requirement:</b>	<b>Location(s):</b>	Pleas refer Layout
	<b>Area for the storage of waste &amp; other material:</b>	8.75 sqm
	<b>Area for machinery:</b>	13 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 14,75,000/-
	<b>O &amp; M cost:</b>	Rs 3,22,000/- per annum

### 37. Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.5 to 8.5	7.0 to 8.0	Not applicable
2	BOD	mg/l	250-350	<10	Not exceed 10 mg/l
3	COD	mg/l	250-400	<30	Not exceed 100 mg/l
4	SS	mg/l	600-750	100	Not exceed 50 mg/l
5	Feacal coliform	MPN/100	1000000 - 10000000	Below identification	Not applicable
6	E Coli	MPN/100	25 -30	Nil	Not applicable
7	Oil & Grease	mg/l	10-30	<5	Not applicable
8	Nitrogen	mg/l	20-50	<5	Not applicable
9	Phosphate	mg/l	10-50	<5	Not applicable
10	Total Dissolve solids	mg/l	1000-1100	<1000	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

Name - S.D.Aher Designation - Secretary SEAC-III Sign - 	<b>SEAC Meeting No: 58th meeting Meeting Date:          July 14, 2017</b>	<b>Page 44          of 98</b>	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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

41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1136.56 sqm
	<b>No of trees to be cut :</b>	Nil
	<b>Number of trees to be planted :</b>	136
	<b>List of proposed native trees :</b>	All trees are native
	<b>Timeline for completion of plantation :</b>	1 year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bahuhinia variegata	Kanchan	33	Flowering shed tree
2	Mimusops elengi	Bakul	26	Fragrant flowering & shed tree
3	Lagerstroemia flos reginae	Tamhan	8	official state flower
4	Michella champaca	Son chafa	21	Fragrant flowering plant
5	Emblica officinalis	Awala	03	Fruit bearing tree that attracts birds
6	Cassia fistula	Amaltas	18	Brilliant seasonal flowering
7	Caryota urens	Fish tail palm	20	Low leaf fall
8	Aegle marmelos	Belpatra	02	Medicinal and religious plant
9	Morus alba	Mulberry	03	Fruit bearing tree that attracts birds
10	Psidium guajava	Guava	03	Fruit bearing tree that attracts birds
11	Syzigium cumini	Jamun	02	Fruit bearing tree that attracts birds

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

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

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

#### 47.Energy

<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: 58th meeting Meeting Date: July 14, 2017</b></p>	<p>Page 45 of 98</p>	<p>Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	1847.05 KW
	<b>During Operation phase (Demand load):</b>	1011.98 KW
	<b>Transformer:</b>	630 KVA X 2
	<b>DG set as Power back-up during operation phase:</b>	380 KVA X 1
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	Not applicable

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

- Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.  
 2. Light Emitting Diode (LED) will be used for corridors Lobbies and common areas.  
 3. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.  
 4. Energy efficient CFL/

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heater	592 KWH/annum
2	LED lights and timer for external lighting	476150.24 KWH/annum
3	Lifts and plumbing motor	425736 KWH/annum

#### 50. Details of pollution control Systems

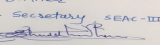
Source	Existing pollution control system	Proposed to be installed
Water	Not applicable	STP
Organic waste	Not applicable	Mechanized composter
Noise due to DG set	Not applicable	Acoustic enclosure and canopy

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 11240000/-
	<b>O &amp; M cost:</b>	Rs 575000/- per annum

### 51. Environmental Management plan Budgetary Allocation

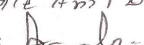
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 46 of 98**

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

1	Erosion control	Dust suppression measures & barricading	2.00
2	Site saefy	Net , PEE for labours	3.0
3	Site sanitation	Mobile toilets	1.5
4	Disinfection & health check up	Medical camp	2.0
5	Environmental monitoring	Air,soil , noise and water analysis	1.0

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	200 KLD of ECW technology	60	3
2	Rain water Harvesting	Pits and piping	2.57	0.30
3	Storm water networking	Internal piping and piping up to final disposal	4.50	0.50
4	Solid waste management	Organic waste converter	14.75	3.22
5	Landscape	tree plantation	13.50	1.80
6	Energy conservation measurs	PV cell and LED and timer for motors	112.24	5.75
7	Swimming pool	Filtration plant	16.00	1.56
8	Environmental monitoring	Air, Noise monitoing and water and soil monitoring	0	1.60
9	Water tanker in case of emergency	Water anker	0	4.5
10	Safety training and awarness	Fire fighting	9	0

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

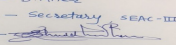
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

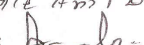
**53.Traffic Management**

Nos. of the junction to the main road & design of confluence:	1
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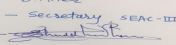
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**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 47 of 98**

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

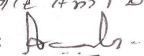
<b>Parking details:</b>	<b>Number and area of basement:</b>	Nil
	<b>Number and area of podia:</b>	Nil
	<b>Total Parking area:</b>	4455 sqm
	<b>Area per car:</b>	30 sqm
	<b>Area per car:</b>	30 sqm
	<b>Number of 2-Wheelers as approved by competent authority:</b>	10 % of car
	<b>Number of 4-Wheelers as approved by competent authority:</b>	301
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m and 7.5 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>	8 (a) B2
	<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>	Yes
	<b>Date of online submission</b>	11-01-2017
<b>Brief information of the project by SEAC</b>		

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 48 of 98**

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



Prior environmental clearance for Residential construction project at Plot no. R-3/3/A, Phase III, Rajiv Gandhi Infotech Park, hinjewadi, Pune. (New Case)

PP submitted their application for prior Environment Clearance for total plot area of 9800 Sq. Mtrs, BUA of 29,537.82 Sq. Mtrs and FSI area of 19,597.68 Sq. Mtrs. PP proposes to construct 3 no. of residential building having maximum height of 75.50 Mtrs. ,1 no.of amenity building & club house.

During the meeting committee noted that as per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained absent for the meeting. However, Committee noted that the total built up area of project is 29,537.82 Sq.Mtrs. and project falls under jurisdiction MIDC ,Planning Authority in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC

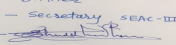
### DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

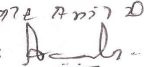
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 49  
of 98**

Name: K. Anil Kale  
Signature: 

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

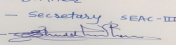
**58th SEAC-3 meeting****SEAC Meeting number: 58th meeting Meeting Date July 14, 2017****Subject: Environment Clearance for Environment Clearance for project By M/s. Sai Tirupati Properties**

1.Name of Project	Sai Tirupati Greens
2.Type of institution	Private
3.Name of Project Proponent	Mr. Suresh Vitthalrao Patil
4.Name of Consultant	M/s. Saitech Research & Development Organization
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Expansion
8.Location of the project	S. No. 131/2, 131/1/1A/1/2, 131/1/1A/2, Wadmukhwadi, Tal-Haveli, Pune.
9.Taluka	Haveli
10.Village	Wadmukhwadi,
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: --
	Approved Built-up Area: 76592
13.Note on the initiated work (If applicable)	6976.86 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	20% of net plot Area (3961.88 m2Built Up Area)
15.Total Plot Area (sq. m.)	32000 m2
16.Deductions	12198.94 m2
17.Net Plot area	19801.06 m2
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 27240.08 m2 + 3961.88 m2 MHADA
	b) Non FSI area (sq. m.): 45390.81 m2
	c) Total BUA area (sq. m.): 76592.77 m2
19.Total ground coverage (m2)	4116.88 m2( Including MHADA BLDG)
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.79 % of Net Plot Area (19801.06 m2) & 12.86 % of Total Plot Area (32000 m2 )
21.Estimated cost of the project	1250000000

**22.Number of buildings & its configuration**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P+12	38.35 m
2	B	P+12	38.35 m
3	C	P+12	38.35 m
4	D	P+12	38.35 m
5	E	P+12	38.35 m
6	F	P+P+8	29.85 m
7	MHADA Bldg.	P+10	32.045 m

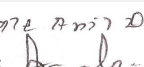

**23.Number of tenants and shops**Residential- 557+ 77 (MHADA) = 634  
Commercial -816.70 m2  
Shop - 20 Nos

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 50 of 98**

Name:   
Signature: 

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

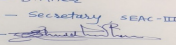
24.Number of expected residents / users	Residential Users: 2785 Nos. + 385 Nos (MHADA) =3170 Nos. Commercial Users: 160 Nos. Total Population: 3330 Nos.
25.Tenant density per hectare	190
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 m (Alandi Road)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

### 31.Production Details

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

### 32.Total Water Requirement

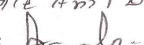
Dry season:	Source of water	PCMC
	Fresh water (CMD):	468.04 m3/day
	Recycled water - Flushing (CMD):	146.64 m3/day
	Recycled water - Gardening (CMD):	32.4 m3/day
	Swimming pool make up (Cum):	0.5 m3/day
	<b>Total Water Requirement (CMD) :</b>	289 m3/day
	Fire fighting - Underground water tank(CMD):	350 m3
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	213.03 m3/day

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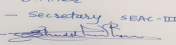
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**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 51  
of 98**

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

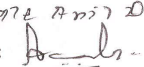
<b>Wet season:</b>	<b>Source of water</b>	PCMC							
	<b>Fresh water (CMD):</b>	435.64 m3/day							
	<b>Recycled water - Flushing (CMD):</b>	146.64 m3/day							
	<b>Recycled water - Gardening (CMD):</b>	-							
	<b>Swimming pool make up (Cum):</b>	-0.5 m3/day							
	<b>Total Water Requirement (CMD) :</b>	289 m3/day							
	<b>Fire fighting - Underground water tank(CMD):</b>	350 m3							
	<b>Fire fighting - Overhead water tank(CMD):</b>	--							
	<b>Excess treated water</b>	245.43 m3/day							
<b>Details of Swimming pool (If any)</b>	<p>Dimension of Swimming Pool: 39 Ft X 21 Ft Baby Pool - 9.5 Ft X 9.5 Ft</p> <p>Total water Requirement in KLD: 100 Water requirement in KLD: 0.5</p> <p>Details of Plant &amp; Machinery used for treatment of Swimming pool water:</p> <p>Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <ul style="list-style-type: none"> <li>• Capital cost : Rs. 15.50Lakh</li> <li>• O &amp; M Cost : Rs. 2.00 Lakh/Year</li> </ul>								
<b>33.Details of Total water consumed</b>									
<b>Particulars</b>	<b>Consumption (CMD)</b>			<b>Loss (CMD)</b>			<b>Effluent (CMD)</b>		
<b>Water Requirement</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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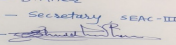
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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 52 of 98**

Name: K. Anil Kale  
Signature:   
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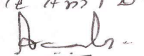
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	8 to 15 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	6 NOS
	<b>Size of recharge pits :</b>	-
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 1.50 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.03 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Drinking UG tank Capacity : 72.52 m3 Domestic UG tank Capacity : 360.22 m3 Flushing UG tank Capacity : 146.65 m3 Fire UG tank Capacity :350 m3
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	15.56m3
	<b>Size of SWD:</b>	300 mm, 450 mm Channel, 450 mm Diameter Outlet
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	392.07
	<b>STP technology:</b>	MMBR
	<b>Capacity of STP (CMD):</b>	2 no 350 m3/day & 50 m3/day
	<b>Location &amp; area of the STP:</b>	208.45 m2
	<b>Budgetary allocation (Capital cost):</b>	Rs. 44 lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 10.00 Lakh/year
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	25 kg/day
	<b>Disposal of the construction waste debris:</b>	Use for Leveling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	869 Kg/day + 116 Kg/day
	<b>Wet waste:</b>	607 Kg/Day + 77.00 Kg/Day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	35.27 kg/day
	<b>Others if any:</b>	Na

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 53 of 98**

Name: K. Anil Kale  
Signature:   
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	SWACH)
	<b>Wet waste:</b>	Organic waste Converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	--
	<b>Area for the storage of waste &amp; other material:</b>	80 m <sup>2</sup> & 28 m <sup>2</sup>
	<b>Area for machinery:</b>	-
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 34 Lakh
	<b>O &amp; M cost:</b>	Rs. 8.18 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

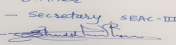
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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	DG SET	HSD	1	3.5mtr	Not applicable	Not applicable

### 40. Details of Fuel to be used

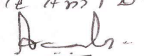
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	56.9 Litr/HR	56.9 Litr/HR
41. Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By roadway		

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

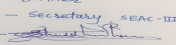
**Page 54 of 98**

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>	3107.23 m2
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	383 Nos
	<b>List of proposed native trees :</b>	383 Nos
	<b>Timeline for completion of plantation :</b>	Mid of construction

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

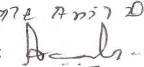
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailathus excelsa	Maharukh	12	Medicinal value, To control soil erosion
2	Albizzia lebek	Shirish	12	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds ).
3	Anthocephalus kadamba	Kadamb	12	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	8	Medicinal value, To control soil erosion. To improve soil erosion
5	Bauhinia blakiana	Kanchanraj	8	Every part of the plant is medicinal, Drought tolerant species
6	Bauhinia purpurea	Gulabikanchan	8	Every part of the plant is medicinal ,Drought tolerant species.
7	Butea monosperma	Palas	8	Medicinal value, Bird attracting species , To control soil erosion
8	Cassia fistula	Bahawa	8	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
9	Choclosperrum religiosum	Sonsawar	8	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	8	Medicinal value, Edible fruits,
11	Dalbergia sisoo	Shisav	8	Medicinal value, Bird attracting species ,
12	Ficus arnottiana	Payar	8	Drought tolerant species, Bird attracting species. To control soil erosion
13	Ficus glomurata	Umbur	8	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	8	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
15	Phyllanthus emblica	Awala	8	Medicinal value
16	Mangifera indica	Mango	8	Edible fruit, Bird attracting species.

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 55 of 98**

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

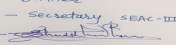
17	Michellia champaca	Sonchaffa	8	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Pongamia pinnata	Karanj	8	Medicinal value, Drought tolerant species, To control soil erosion. Hardy plant.
19	Saraca indica	Sita-ashok	8	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	8	Medicinal value, Edible fruit.
21	Azadirachta indica	Neem	18	Medicinal value, To control soil erosion. To improve soil erosion
22	Bahunia racemosa	Apta	22	Every part of the plant is medicinal, Drought tolerant species.
23	Caryota urens	Fishtail palm	17	Grown in any type of soil. Very Hardy.
24	Citrus species	Lemon	15	Medicinal value, Edible fruit.
25	Dalbergia sisoo	Shisav	20	Medicinal value, Bird attracting species
26	Erythrina indica	Pangara	12	Fragrant flowers, Drought tolerant species, Birds attracting
27	Gmelina arborea	Shivan	20	Medicinal value, Drought tolerant species, Bird attracting species.
28	Mimosops elengii	Bakul	23	Fragrant flowers, Medicinal value, To control soil erosion
29	Murraya koengii	Kadipatta	11	Medicinal value, Edible leaves.
30	Aegle marmelos	Bel	14	Medicinal value, Edible fruit.
31	Nyctanthus arbotritrits	Parijatak	13	Fragrant flowers, Medicinal value,
32	Putrnjiva roxburghii	Putrnjiva	14	Medicinal value, Drought tolerant species,
33	Roystonea regia	Bottle palm	12	Ornamental plant, Medicinal value, Birds & bats eat fruits.

45.Total quantity of plants on ground

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

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

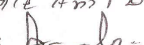
#### 47.Energy

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 56 of 98**

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>	50KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA - 2 No.
	<b>During Operation phase (Connected load):</b>	2554.1 KVA
	<b>During Operation phase (Demand load):</b>	1785.8 KVA
	<b>Transformer:</b>	3 Nos.630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 x 125 KVA & 1 x 250 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. Using LED in Parking area, lift-lobby and stair-case .
2. Using LED in Place of Metal Halide in External Lights..
3. Using Solar Water Heaters in each Flat master toilet.
4. Using 30% Lighting in common area and 50% street lights on solar energy

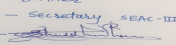
• % of saving by adopting above energy conservation methods: 21%

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

Serial Number	Energy Conservation Measures	Saving %
1	Total energy saved using LED	22.6 KW
2	Total energy saved from LED lamps	2.1 kw
3	Total energy saved from external lighting	3.1 kw
4	Total energy saved in amenity area lighting is	0.7 kw
5	Total KW saved by solar water heater	951.0 kw
6	Total energy saved in residential area	977.4 kw

#### 50. Details of pollution control Systems

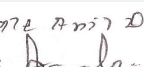

Source	Existing pollution control system	Proposed to be installed
Air	Not applicable	Green belt will be provided.
Water	Not applicable	STP will be installed & excess treated water used for flushing & gardening
Noise	Not applicable	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed
Solid Waste	Not applicable	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 57  
of 98**

Name:   
Signature: 

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 73 Lakh
	<b>O &amp; M cost:</b>	Rs. 3.65 Lakh /Year

## 51.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control First Aid Facilities Health Check Up Creches For Children Food for children Personal Protective Equipment	1.0 Lakh/Year

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

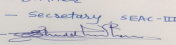
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage Treatment plant	44	10
2	RWH	Rain Water Harvesting	1.50	0.03
3	MSW	Solid Waste Management	34	8.17
4	Swimming Pool	Swimming Pool	15.50	2.0
5	Energy System	Energy System	73.00	3.65
6	Landscaping	Landscaping	50.17	8.03
7	Dry Waste Management	Dry Waste Management	-	3.8
8	Safety Equipment	Safety Equipment	10	2.0
9	Post EC Monitoring	Post EC Monitoring	-	2.5

## 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

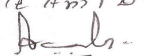
No Information Available

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 58 of 98**

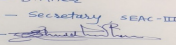
Name: K. Anil Kale  
Signature: 

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

### 53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	--
<b>Parking details:</b>	Number and area of basement:	NA
	Number and area of podia:	-
	Total Parking area:	15591.4 m <sup>2</sup>
	Area per car:	46.54 m <sup>2</sup>
	Area per car:	46.54 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1322
	Number of 4-Wheelers as approved by competent authority:	335
	Public Transport:	-
	Width of all Internal roads (m):	6 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	18-01-2017

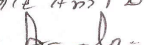
### Brief information of the project by SEAC

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 59  
of 98**

Name: K. Anil Kale  
Signature: 

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

Environment Clearance for Expansion of Residential & Commercial project "Sai Tirupati Greens" at S. No. 131/2, 131/1/1A/1/2, 131/1/1A/2, Wadmukhwadi, Tal-Haveli, Pune. (New Case)

PP submitted their application for prior Environment Clearance for total plot area of 32,000 Sq. Mtrs, BUA of 76,592.77 Sq. Mtrs and FSI area of 31,201.96 Sq. Mtrs. PP proposes to construct 6 no. of residential building, 1 no. of MHADA building having maximum height of 38.35 Mtrs. & 20 nos. of shops.

During the meeting committee noted as per notification dated 09/12/2016 MOEF & CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF & CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained absent for the meeting. However, Committee noted that the total built up area of project is 76,592.77 Sq.Mtrs. and project falls under jurisdiction Pimpri Chinchwad Municipal Corporation in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF & CC

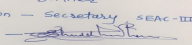
### DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF & CC

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

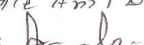
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 60  
of 98**

Name: K. Anil Kale  
Signature: 

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

## 58th SEAC-3 meeting

**SEAC Meeting number:** 58th meeting **Meeting Date** July 14, 2017

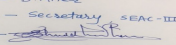
**Subject:** Environment Clearance for "Modernization & Retrofitting of Existing Mall and Hotel Complex"

1.Name of Project	"Modernization & Retrofitting of Existing Mall and Hotel Complex"
2.Type of institution	Private
3.Name of Project Proponent	M/s. Regal Buildtech Pvt. Ltd.
4.Name of Consultant	M/s Perfect Enviro Solutions Pvt. Ltd
5.Type of project	Others ( commercial Project)
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization (EC has been granted vide letter no. 21-757/2006-IA.III Dated 24.07.2007 from MoEF for existing project)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Amendment in existing Environment Clearance
8.Location of the project	S.No. 206-A/1, 206B, 206C, 206D, 206E, 217/2, Final plot no. 88 & Sub plot no. 04, Pune Nagar Road, Yerwada, Pune, Maharashtra.
9.Taluka	Haweli
10.Village	Yerwada
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Already applied for plans revision to Pune Municipal Corporation
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Already applied for plans revision to Pune Municipal Corporation( earlier approved - cc/096/2015 dated 29.06.2015
	<b>Approved Built-up Area:</b> 79542.99
13.Note on the initiated work (If applicable)	work was completed as earlier EC granted. Modernization will be initiated after getting approval from Authority.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Already applied for plans revision to Pune Municipal Corporation( earlier approved - cc/096/2015 dated 29.06.2015
15.Total Plot Area (sq. m.)	25,168.26 sq mt
16.Deductions	4,643.67 sq mt
17.Net Plot area	20,524.59 sq mt
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 37,282.25
	b) Non FSI area (sq. m.): 183,48.86
	c) Total BUA area (sq. m.): 78,801.42 sq mt including existing basements
19.Total ground coverage (m2)	11,713.37 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57%
21.Estimated cost of the project	350000000

## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Hotel and Office	2 B + LG +G+7 + service + mezzanine	30.00 m (one wing) and 18.00 mt (second wing)
2	Hotel and Office	2 B + LG +G+7 + service + mezzanine	30.00 m (one wing) and 18.00 mt (second wing)
3	Hotel and Office	2 B + LG +G+7 + service + mezzanine	30.00 m (one wing) and 18.00 mt (second wing)

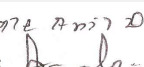

23.Number of tenants and shops	No of rooms in Hotel: 209 rooms no of offices -20 approx
24.Number of expected residents / users	4968.00- total population

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

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

**SEAC Meeting No: 58th meeting Meeting Date:**  
**July 14, 2017**

**Page 61**  
**of 98**

Name:   
Signature: 

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

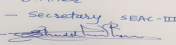
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 mts
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 mts
29.Existing structure (s) if any	An existing structure of hotel and mall in a single building exists on the site. Hotel wing of the building continues to operate, while Mall wing of the building has been closed down and will now be converted into Offices.
30.Details of the demolition with disposal (If applicable)	Demolition of 2000 sqm of existing area in Mall Building will be done.

### 31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA

### 32.Total Water Requirement

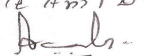
Dry season:	Source of water	Municipal supply
	Fresh water (CMD):	Hotel building: 97 KLD & office building : 72 KLD
	Recycled water - Flushing (CMD):	Hotel building: 41KLD & office building : 67 KLD
	Recycled water - Gardening (CMD):	Hotel building: 3 KLD & office building : 2 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD):	Hotel building: 201 KLD & office building : 157 KLD
	Fire fighting - Underground water tank(CMD):	600,000 liters
	Fire fighting - Overhead water tank(CMD):	80,000 liters
	Excess treated water	9 KLD - for Hotel , No discharge will be done from office

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 62 of 98**

Name: K. Anil Kale  
Signature: 

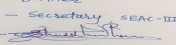
**Shri. Anil Kale (Chairman SEAC-III)**

<b>Wet season:</b>	<b>Source of water</b>	Municipal supply
	<b>Fresh water (CMD):</b>	Hotel building: 97 KLD & office building : 72 KLD
	<b>Recycled water - Flushing (CMD):</b>	Hotel building: 41KLD & office building : 67 KLD
	<b>Recycled water - Gardening (CMD):</b>	Hotel building: 2.5 KLD & office building : 1.5 KLD
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	Hotel building: 201KLD & office building : 157 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	600,000 liters
	<b>Fire fighting - Overhead water tank(CMD):</b>	80,000 liters
	<b>Excess treated water</b>	9 KLD - from Hotel ,No discharge from Office

**Details of Swimming pool (If any)** 25 mts x 9 mts average dimension

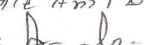
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	138	95	233	19	6	25	0	0	0
Cooling tower & thermopack	60	60	120	60	60	120	0	0	0
Industrial Process	0	0	0	0	0	0	0	0	0
Gardening	3	2	5	3	2	5	0	0	0
Fresh water requirement	97	72	169	19	50	69	0	0	0

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 63 of 98**

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

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	23 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	5 (For Hotel: 3 (Existing) & Office: 2 (Proposed))Dia - 3.0 m, Depth- 3.9 m (Existing Pit) Dia - 4.6 m , Depth- 4.5 m (proposed Pit)
	<b>Location of the RWH tank(s):</b>	below ground
	<b>Quantity of recharge pits:</b>	220 cum
	<b>Size of recharge pits :</b>	Dia - 4.6 m , Depth- 4.5 m (proposed Pit)
	<b>Budgetary allocation (Capital cost) :</b>	Rs 5.0 Lacs
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs 50,000 per year
	<b>Details of UGT tanks if any :</b>	Already existing on site: 2 x Raw tank of 11,000 liters 2 x treated water tank of 96,000 liters 2 x fire fighting tank of 200,000 liters 2 x fire fighting tank of 100,000 liters 2 x Raw tank of 45,000 liters 1 x treated water tank of 50,000 liters 1 x treated water tank of 45,000 liters
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Available (already existing on site)
	<b>Quantity of storm water:</b>	NA
	<b>Size of SWD:</b>	160 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Waste water from Hotel :119 KLD waste water from office 89 KLD
	<b>STP technology:</b>	MBBR (230 KLD) and SMBR (115 KLD)
	<b>Capacity of STP (CMD):</b>	For Hotel : 230 KLD. For Office complex -115 KLD
	<b>Location &amp; area of the STP:</b>	Basement
	<b>Budgetary allocation (Capital cost):</b>	Already existing on site
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs 270,000 per month
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	During the construction, around 2000 sq. mt. area will be demolished
	<b>Disposal of the construction waste debris:</b>	disposed to approved C&D site.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Existing for Hotel :271 Kg/day and Proposed for Office: 600 kg/day
	<b>Wet waste:</b>	Existing for Hotel: 5-10 Kg/day and Proposed for Office: 10-20 kg/day
	<b>Hazardous waste:</b>	used oil -82 l/month
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Existing for hotel 6.5 kg/ day and for proposed office 3.25 kg/ day
	<b>Others if any:</b>	E-waste- 4-5 kg/day
<b>S.D.Aner (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017</b>	<b>Page 64 of 98</b>
		<b>Shri. Anil Kate (Chairman SEAC-III)</b>



<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Collected by private garbage collection agency and recycled at the Govt authorised plant
	<b>Wet waste:</b>	Collected by private garbage collection agency and recycled at the Govt authorised plant
	<b>Hazardous waste:</b>	sale to MPCB authorised vendor
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Collected by Govt approved authorised contractor and distributed free of cost for farming
	<b>Others if any:</b>	E waste will be given to approved recycler
<b>Area requirement:</b>	<b>Location(s):</b>	basements
	<b>Area for the storage of waste &amp; other material:</b>	1000 Sq. Ft.
	<b>Area for machinery:</b>	1000 Sq. Ft.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Already existing on site
	<b>O &amp; M cost:</b>	Rs 50,000 per month

### 37. Effluent Characteristics

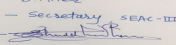
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA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

### 38. Hazardous Waste Details

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

### 39. Stacks emission Details

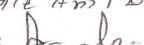
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 65 of 98**

Name: K. Anil Kale  
Signature: 

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

1	The Project is supplied electricity through MSEB through two express feeders which in turn has tremendously reduced the need of DGs. However, in case of any breakdown, DG sets are used (6 numbers already installed on site).	Diesel	6	6 mts above roof level	400 mm	475
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#### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	700 liters per month	850 liters per month	1550 liters per month
41.Source of Fuel		Nearby authorised Petrol Pump		
42.Mode of Transportation of fuel to site		Barrels		

<b>43.Green Belt Development</b>	Total RG area :	2290.20 sqm
	No of trees to be cut :	NIL
	Number of trees to be planted :	Trees have already been planted at site
	List of proposed native trees :	NA
	Timeline for completion of plantation :	Trees have already been planted at site.

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

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

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

#### 47.Energy

Name - S.D.Aher Designation - Secretary SEAC-III Sign -  <b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017</b>	Page 66 of 98	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra State Electricity Distribution Company Limited
	<b>During Construction Phase: (Demand Load)</b>	existing power connection will be used
	<b>DG set as Power back-up during construction phase</b>	existing DG set will be used
	<b>During Operation phase (Connected load):</b>	2673 KW- Hotel & 3000 KW- office
	<b>During Operation phase (Demand load):</b>	2673 KW- Hotel & 3000 KW- office
	<b>Transformer:</b>	22kv, 2000kVA (22/0.433kv) Dry type, Voltamp make Transformer - 3 numbers AND 1250 kVA transformers - 2 numbers
	<b>DG set as Power back-up during operation phase:</b>	The Project is supplied electricity through MSEB through two express feeders which in turn has tremendously reduced the need of DGs. However, in case of any breakdown, DG sets will be used (6 numbers are already installed on the site).
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	no HT line passing through the plot

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

Solar Generation

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

Serial Number	Energy Conservation Measures	Saving %
1	solar generation	10%

#### 50. Details of pollution control Systems

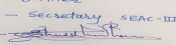
Source	Existing pollution control system	Proposed to be installed
waste water	STP Installed	Not applicable
food waste	Organic waste converter - one	Organic waste converter - one more

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 1.5 crores
	<b>O &amp; M cost:</b>	Rs 2 lakhs

### 51. Environmental Management plan Budgetary Allocation

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

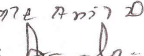
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	water spray of dust supression	NA	2.0 Lacs
2	environment Monitoring as per CPCB guidelines through MoEF app. laboratory	PM2.5, NOX, SO2, CO	1.5 Lacs

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 67  
of 98**

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

3	potable water supply for labour	NA	1.0 Lacs
4	Health check ups	NA	1.0 Lacs

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	OWC	OWC of 100 KG	12	3.0
2	STP	existing of 125 KLD	0	4.0
3	Acoustic Treatment	existing enclosed DG Sets	0	1.0
4	Rain water harvesting	2 pits	5	0.5
5	Dg Set Air emission	existing stack	0	1.0

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

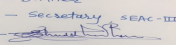
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

**52.Any Other Information**

No Information Available

**53.Traffic Management**

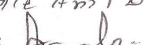
	Nos. of the junction to the main road & design of confluence:	4
Parking details:	Number and area of basement:	2 no of basement with area 23170.31 sqm
	Number and area of podia:	not applicable
	Total Parking area:	15000 sqm
	Area per car:	15 sqm
	Area per car:	15 sqm
	Number of 2-Wheelers as approved by competent authority:	Hotel= 1282 & Office= 1244
	Number of 4-Wheelers as approved by competent authority:	Hotel= 337 & Office= 311
	Public Transport:	nil
Width of all Internal roads (m):	7.5 mts	

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 68 of 98**

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

	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	0.250 km
	<b>Category as per schedule of EIA Notification sheet</b>	8(a) B2 category
	<b>Court cases pending if any</b>	no court case pending
	<b>Other Relevant Informations</b>	<p>The area applied under earlier EC application was 79,542.99 sqm and now after the modernization and retrofitting of the Mall into Office, area is reduced to 78,801.42 sqm. This modernization and retrofitting will have minimal impact on the environment.</p> <p>This proposed modernizing and retrofitting which we are undertaking, will create local job opportunities and provide direct and indirect to 3,000 - 5,000 people along with contribution to the economic development of the city.</p> <p>The Property is coming under the Metro Influence Zone of Pune Transit Oriented Development (TOD), where the State Government is promoting commercial development along with metro corridor to reduce congestion, reduce traffic, improve environment and improve overall quality of living for the locals.</p>
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	27-02-2017

### Brief information of the project by SEAC

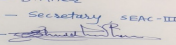
Environment Clearance for "Modernization & Retrofitting of Existing Mall and Hotel Complex" at S.No. 206-A/1, 206B, 206C, 206D, 206E, 217/2, Final plot no. 88 & Sub plot no. 04, Pune Nagar Road, Yerwada, Pune. (New Case)

PP submitted their application for prior Environment Clearance for total plot area of 25,168.26 Sq. Mtrs, BUA of 78,801.42 Sq. Mtrs and FSI area of 37,282.25 Sq. Mtrs. PP proposes to construct 3 nos. of hotel & office buildings having maximum height of 30.00 Mtrs.

During the meeting committee noted that PP had earlier environment clearance dated 24.07.2007 to the project ,now PP applied for modernization in earlier project. As per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained absent for the meeting. However, Committee noted that the total built up area of project is 78,801.42 Sq.Mtrs. and project falls under jurisdiction of Pune Municipal Corporation in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

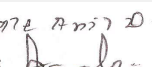

### DECISION OF SEAC

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 69  
of 98**

Name:   
Signature: 

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

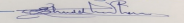
Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

**Specific Conditions by SEAC:**

**FINAL RECOMMENDATION**

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

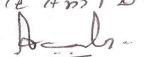
SEAC-AGENDA-00000000021

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 70 of 98**

Name: K. Anil Kale  
Signature: 

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

## 58th SEAC-3 meeting

**SEAC Meeting number: 58th meeting Meeting Date July 14, 2017**

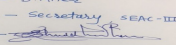
**Subject:** Environment Clearance for New construction project by M/s Tulip Properties

1.Name of Project	Tulip Olivia
2.Type of institution	Private
3.Name of Project Proponent	Mr.Sanjay Varma & Mr. Anand Sathe
4.Name of Consultant	M/s.Saitech Research & Development Organization
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat No. 105,106, 107, 108, 113, 114, 115, Dehu Alandi BRT Road, Behind Nakshatra Island
9.Taluka	Haveli
10.Village	Moshi
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	<b>IOD/IOA/Concession/Plan Approval Number: -</b>
	<b>Approved Built-up Area: 55915.26</b>
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable-2761.71 m2
15.Total Plot Area (sq. m.)	15600.00
16.Deductions	2046.02
17.Net Plot area	13553.98
18.Proposed Built-up Area (FSI & Non-FSI)	<b>a) FSI area (sq. m.):</b> 24396.10(Residential)+ 2761.71 (MHADA) = 27157.81
	<b>b) Non FSI area (sq. m.):</b> 28757.45
	<b>c) Total BUA area (sq. m.):</b> 55915.26
19.Total ground coverage (m2)	3089.04
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.80 % of Total Plot area and 22.79 % of Net Plot area
21.Estimated cost of the project	1000000000

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	GP+PP +12Floor	42
2	Wing B	GP+PP+12 Floor	42
3	Wing C	GP+PP+12 Floor	42
4	Wing D	GP+PP+12 Floor	42
5	Wing E	GP+PP+12 Floor	42
6	Wing F	GP+PP+12 Floor	42

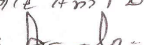
23.Number of tenants and shops	596Nos. and Shops- 18 Nos.
24.Number of expected residents / users	Residential Users:2980Nos. , Commercial Users:211Nos. , Total Users: 3191Nos.

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 71 of 98**

Name: K. Anil Kale  
Signature: 

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

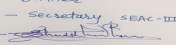
25.Tenant density per hectare	382.05
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 M Wide Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Not Applicable
30.Details of the demolition with disposal (If applicable)	Not Applicable

### 31.Production Details

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

### 32.Total Water Requirement

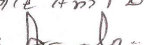
Dry season:	Source of water	PCMC
	Fresh water (CMD):	425.42
	Recycled water - Flushing (CMD):	139.37
	Recycled water - Gardening (CMD):	13.63
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD):	272.42
	Fire fighting - Underground water tank(CMD):	325.00
	Fire fighting - Overhead water tank(CMD):	120.00
	Excess treated water	176.43

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 72 of 98**

Name: K. Anil Kale  
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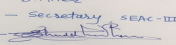
Wet season:	Source of water	PCMC
	Fresh water (CMD):	411.79
	Recycled water - Flushing (CMD):	139.37
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	272.42
	Fire fighting - Underground water tank(CMD):	325.00
	Fire fighting - Overhead water tank(CMD):	120.00
	Excess treated water	190.06

Details of Swimming pool (If any) NA

**33.Details of Total water consumed**

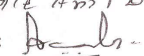
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon water level 4.20 m BGL, Pre monsoon water level 8.20 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	7 Nos
	Size of recharge pits :	2M X 2MX 2M
	Budgetary allocation (Capital cost) :	4.50 Lakh
	Budgetary allocation (O & M cost) :	1.20 Lakh/Year
	Details of UGT tanks if any :	Domestic UGT Capacity:410.00 CUM Flushing UGT Capacity:210.00 CUM Fire UGT Capacity: 325.00 CUM

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 73 of 98**

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

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	8.58 CUM/Min
	<b>Size of SWD:</b>	450 mm dia pipe

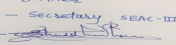
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Residential-362.34KLD and Commercial- 8.53KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	Residential -1 No of 370CMD and Commercial- 1 No of 10CMD
	<b>Location &amp; area of the STP:</b>	-
	<b>Budgetary allocation (Capital cost):</b>	For-370CMD-85.53 Lakh and for 10 CMD-22.70 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	For-370CMD-14.15 Lakh/Year and for 10 CMD-5.14 Lakh/Year

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	25kg/day
	<b>Disposal of the construction waste debris:</b>	Use for Leveling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	628.00kg/day
	<b>Wet waste:</b>	915.00kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	33.37Kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	SWACH
	<b>Wet waste:</b>	OWC
	<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>	Storage Area :15M2, Segregation Area: 09M2, Operation Area: 37.5M2
	<b>Area for machinery:</b>	23.5 M2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	25.75 Lakh
	<b>O &amp; M cost:</b>	5.65 Lakh/Year

### 37.Effluent Charecterestics

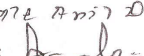

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 74 of 98**

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

1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

### 38.Hazardous Waste Details

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

### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	HSD	1	4.22	to be provided	to be provided
2	DG Set	HSD	2	4.22	to be provided	to be provided

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	27.7 lit./hr	27.7 lit./hr

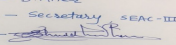
41.Source of Fuel Bharat Petroleum Corporation Limited/Hindustan Petroleum

42.Mode of Transportation of fuel to site By roadway

<b>43.Green Belt Development</b>	Total RG area :	1564 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	202
	List of proposed native trees :	-
	Timeline for completion of plantation :	Mid of Construction

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

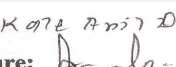

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	08	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	24	Evergreen timber plant, ornamental,

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 75 of 98**

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

3	Mimosope selengi	Bakul	20	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	08	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	27	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	12	Used in pesticide & dye preparation,
7	Cassia grandis	Pink shower	25	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sitaashok	19	Evergreen medicinal plant
9	Roystonea regia	Royal palm	22	Nitrogen fixer, ornamental plant
10	Syzygium cumini	Jambhul	25	fruit tree & bird attracting
11	Neolamarkia cadamba	Kadamba tree	07	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango	04	Evergreen & 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:**

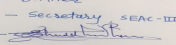
Serial Number	Name	C/C Distance	Area m2
1	-	-	-

**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	75 KW
	<b>DG set as Power back-up during construction phase</b>	82.5 KVA x 1 No.
	<b>During Operation phase (Connected load):</b>	2516 KW
	<b>During Operation phase (Demand load):</b>	1535 KW
	<b>Transformer:</b>	2 Nos. of 630 KVA +1 Nos. of 315 KVA
	<b>DG set as Power back-up during operation phase:</b>	2 Nos. of 160 KVA
	<b>Fuel used:</b>	27.7 lit./hr
	<b>Details of high tension line passing through the plot if any:</b>	NA

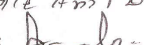
**48.Energy saving by non-conventional method:**

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

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 76 of 98**

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

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	108000 KWH / Annum
2	Timer Logic Controller	117025 KWH / Annum
3	Electronic V3F drive for Lifts	58815 KWH / Annum
4	Solar Water Heater	593409.6 KWH / Annum

### 50.Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	215.19 Lakh
	<b>O &amp; M cost:</b>	12.64 Lakh/Year

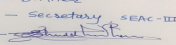
### 51.Environmental Management plan Budgetary Allocation

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

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

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

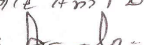
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	Sewage Treatment Plant for Residential	85.53	14.15
2	STP 2	Sewage Treatment Plant for Commercial	22.70	5.14
3	RWH	Rain Water Harvesting	5.24	3.50
4	MSW	Municipal Solid Waste	25.75	5.65
5	Energy System	-	215.19	12.64

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Sign - 

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 77 of 98**

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

6	Landscaping	-	12.73	1.12
7	Safety Equipments	-	10.00	2.00
8	Post EC Monitoring	-	-	2.50
9	Dry Waste Management	-	-	3.57

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

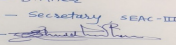
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

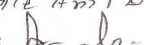
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	9356.09m <sup>2</sup>
	Total Parking area:	13256m <sup>2</sup> & 7691m <sup>2</sup> (BRT Parking)
	Area per car:	41.68 m <sup>2</sup>
	Area per car:	41.68 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1252
	Number of 4-Wheelers as approved by competent authority:	318
	Public Transport:	NA
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 78 of 98**

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

	<b>Category as per schedule of EIA Notification sheet</b>	B2
	<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>	Yes
	<b>Date of online submission</b>	09-03-2017

### Brief information of the project by SEAC

Environment Clearance for Residential & Commercial project Gat No. 105,106, 107, 108, 113, 114, 115, Dehu Alandi BRT Road, Behind Nakshatra Island, Village Moshi, Taluka Haveli, Dist- Pune.(New Case)

PP submitted their application for prior Environment Clearance for total plot area of 15,600 Sq. Mtrs, BUA of 55,915.26 Sq. Mtrs and FSI area of 27,157.81 Sq. Mtrs. PP proposes to construct 6 no. of residential building, having maximum height of 42.00 Mtrs. & 18 nos. of shops.

During the meeting committee noted as per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained absent for the meeting. However, Committee noted that the total built up area of project is 55,915.26 Sq.Mtrs. and project falls under jurisdiction Pimpri Chinchwad Municipal Corporation in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC

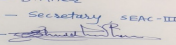
### DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

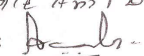
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 79 of 98**

Name: K. Anil Kale  
Signature: 

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

## 58th SEAC-3 meeting

**SEAC Meeting number: 58th meeting Meeting Date July 14, 2017**

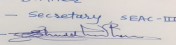
**Subject:** Environment Clearance for Enviroment clearance for Amendment of proposed mixed use development at S. No. 238, 239, 240 & 241, Village - Hadapsar, Tehsil Haveli, Pune, Maharashtra

1.Name of Project	Amendment of proposed mixed use development
2.Type of institution	Private
3.Name of Project Proponent	M/s. Kumar Agro Products Pvt.Ltd.
4.Name of Consultant	M/s. Enviro Analysts And Engineers Pvt Ltd.
5.Type of project	Housing & Commercial Project / Mixed Use Development
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received, vide letter no. SEAC-2010/CR.728/TC.2 dtd 27th December 2011
8.Location of the project	S. No. 238, 239, 240 & 241, Village - Hadapsar, Tehsil Haveli, Pune, Maharashtra
9.Taluka	Haveli
10.Village	Hadapsar
11.Area of the project	Pune Metropolitan Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Yes IOD/IOA/Concession/Plan Approval Number: BHA: 733/16-17 Approved Built-up Area: 130819.76
13.Note on the initiated work (If applicable)	Yes Work carried out as per previous EC received, vide letter no. SEAC-2010/CR.728/TC.2 dtd 27th December 2011. Constructed work on site is 38962.65 sq.mt out of 82,665.93sq.mt approved in earlier EC dtd 27th December 2011.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	79,100.00
16.Deductions	11865.00
17.Net Plot area	60,511.50
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 83,292.06 b) Non FSI area (sq. m.): 47,527.70 c) Total BUA area (sq. m.): 1,30,819.76
19.Total ground coverage (m2)	10706.25
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.5 %
21.Estimated cost of the project	3123300000

### 22.Number of buildings & its configuration

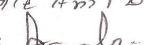
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg A1 & A5	B+S+19 floors	63.15
2	Bldg A6	B+S+18 floors	60.15
3	Bldg A7 & A8	B+S+1 floor	09.0
4	Bldg C1, C2, D1 & D2	P+11 floors	36.0
5	Commercial bldg	P+4 floors	15.0

23.Number of tenants and shops	Residential: 544 Nos. Commercial: 17891.49 sq.m
--------------------------------	--

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 80  
of 98**

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



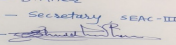
24.Number of expected residents / users	Residential: 2808 nos. Commercial: 1789 nos. Total: 4597 nos
25.Tenant density per hectare	90 tenants/hectares
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Minimum 9.00 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9.00 m
29.Existing structure (s) if any	Nil
30.Details of the demolition with disposal (If applicable)	No

### 31.Production Details

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

### 32.Total Water Requirement

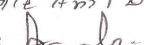
Dry season:	Source of water	Gram Panchayat
	Fresh water (CMD):	260
	Recycled water - Flushing (CMD):	149
	Recycled water - Gardening (CMD):	43
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD):	452
	Fire fighting - Underground water tank(CMD):	300 & 400
	Fire fighting - Overhead water tank(CMD):	10 & 20
	Excess treated water	123

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 81 of 98**

Name: K. Anil D.  
Signature: 

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

Wet season:	Source of water	Gram Panchayat + RWH
	Fresh water (CMD):	260
	Recycled water - Flushing (CMD):	149
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	409
	Fire fighting - Underground water tank(CMD):	300 & 400
	Fire fighting - Overhead water tank(CMD):	10 & 20
	Excess treated water	166

Details of Swimming pool (If any)

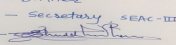
NA

### 33.Details of Total water consumed

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

### 34.Rain Water Harvesting (RWH)

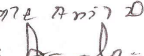

Level of the Ground water table:	3-4 m
Size and no of RWH tank(s) and Quantity:	13ywdpLJ9iEA93BtCwez2w8zXFPWxoDota
Location of the RWH tank(s):	Ground level
Quantity of recharge pits:	30 nos. of recharge pits
Size of recharge pits :	3.0x 3.0 x 3.0 m
Budgetary allocation (Capital cost) :	Rs. 6.00 Lakh
Budgetary allocation (O & M cost) :	Rs. 0.3 Lakh/Annum
Details of UGT tanks if any :	Domestic tank: 253 KLD Flushing tank: 126 KLD Firefighting tank: 300 KLD & 400 KLD

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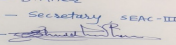
**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 82 of 98**

Name:   
Signature: 

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

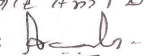
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	SW to NE
	<b>Quantity of storm water:</b>	0.258 cum
	<b>Size of SWD:</b>	400mm X 300 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	329 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	3 nos. of STP with capacity of 380 KLD
	<b>Location &amp; area of the STP:</b>	Ground level, Area of STP
	<b>Budgetary allocation (Capital cost):</b>	Rs. 63 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 3 Lakh/annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Recyclable waste will be generated like empty cement bags & cans, scrap metal etc. Debris & construction waste shall be generated.
	<b>Disposal of the construction waste debris:</b>	Recyclable waste like empty cement bags & empty paint cans shall be handed over to local vendors. Broken tiles shall be used for china mosaic of terrace. Scrap metals shall be sold to recyclers.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	562 kg/day
	<b>Wet waste:</b>	842 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	21 kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be hand over to Local Recyclers for recycling.
	<b>Wet waste:</b>	Will be processed in the OWC. manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	To be used as manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground level
	<b>Area for the storage of waste &amp; other material:</b>	Total Area: 145 sq.m
	<b>Area for machinery:</b>	Total Area: 145 sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 33 Lakh
	<b>O &amp; M cost:</b>	Rs. 10 Lakh/Annum
<b>37.Effluent Charecterestics</b>		

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 83 of 98**

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

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

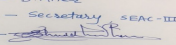
Not applicable

### 43.Green Belt Development

<b>Total RG area :</b>	7910.09 sq.mt
<b>No of trees to be cut :</b>	NA
<b>Number of trees to be planted :</b>	810
<b>List of proposed native trees :</b>	as listed below
<b>Timeline for completion of plantation :</b>	at the end of construction phase

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

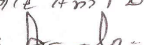
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Swietenia macrophylla	Mahogany	62	Provides Timber
2	Neolamarckia cadamba	Kadam	57	Evergreen Tree
3	Michellia Champak	Champak	58	Evergreen Tree

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 84 of 98**

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

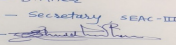
4	Alstonia Scholaris	Devil tree	80	Evergreen Tree
5	Bauhinia purpurea	Orchid	40	Flowering plant
6	Cassia fistula	Golden Shower	60	Flowering plant
7	Prunus dulcis	Badam	73	Fruit tree
8	Azadirachta indica	Neem	60	Medicinal Tree
9	Plumeria alba	Champa	64	Flowering plant
10	Lagerstroemia flosregia	Jarul	58	Ornamental tree
11	Couroupita guianensi	Kailashpati	27	Evergreen Tree
12	Nyctanthes arbor-tristis	Parijata	13	Flowering plant
13	Mimusops elengi	Bakul	18	Evergreen Tree
14	Terminalia arjuna	Arjun	17	Fruit Tree
15	Phyllostachys aurea	Golden Bamboo	7	Bamboo tree
16	Bauhinia tomentosa	yellow bell orchid tree	37	Flowering plant
17	Khayas enegalensis	Khaya wood	5	Evergreen Tree
18	Thespesia populnea	Indian tulip	3	Flowering plant
19	Pongamia glabra	Pongam oiltree	26	Evergreen Tree
20	Tabebuia rosea	Pink Trumpet Tree	46	Flowring & Ornamental tree
<b>45.Total quantity of plants on ground</b>				

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

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

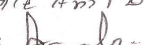
**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	100 KVA
	<b>During Operation phase (Connected load):</b>	3484 KW
	<b>During Operation phase (Demand load):</b>	2175 KW
	<b>Transformer:</b>	NA
	<b>DG set as Power back-up during operation phase:</b>	2 X 320 KVA, 1 X 250 KVA , 1 X 250 KVA
	<b>Fuel used:</b>	Diesel
<b>Details of high tension line passing through the plot if any:</b>	NA	

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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 85 of 98**

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

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

Road & Landscaping-60% on solar  
 Parking - T8 lights to T5  
 Lobby & staircase lights -Incandescent to LED  
 Lifts - with VFD & Regenerative Type

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

Serial Number	Energy Conservation Measures	Saving %
1	Toatl savings (bldg A1 to A8) :15.1 %	Toatl savings (bldg A1 to A8) :15.1 %
2	Toatl savings (C1, C2, D1, D2): 13.2 %	Toatl savings (C1, C2, D1, D2): 13.2 %

### 50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 63 Lakh
	O & M cost:	Rs. 3 lakh/Annum

### 51. Environmental Management plan Budgetary Allocation

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

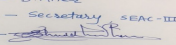
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water for Dust Suppression	2
2	EHS	Site Sanitation	2
3	Environmental Monitoring	Environmental Monitoring	6
4	EHS	Disinfection	1.5
5	EHS	Health Check Up	3.6

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	76	11
2	Water Environment	Rain Water Harvesting	6	0.3
3	Energy	Solar System	63	3
4	Solid Waste Management	OWC	33	10
5	Land Environment	Landscaping	197.75	39.5

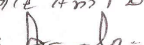
### 51. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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
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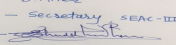
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 Designation - Secretary SEAC-III  
 Sign -   
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**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 86 of 98**

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

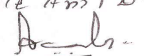
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>52. Any Other Information</b>							
No Information Available							
<b>53. Traffic Management</b>							
	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	1 nos.					
<b>Parking details:</b>	<b>Number and area of basement:</b>	2 nos. of basement, Area: 19,901.03 Sq.m.					
	<b>Number and area of podia:</b>	NA					
	<b>Total Parking area:</b>	Total parking area : 5432.10 sq.m					
	<b>Area per car:</b>	32 sq.m					
	<b>Area per car:</b>	32 sq.m					
	<b>Number of 2-Wheelers as approved by competent authority:</b>	No of scooter parking provided: 686 nos. . No of cycle parking provided: 686nos					
	<b>Number of 4-Wheelers as approved by competent authority:</b>	287 nos.					
	<b>Public Transport:</b>	NA					
	<b>Width of all Internal roads (m):</b>	minimum 6 m drive ways					
	<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>	Schedule 8(a), Category B					
	<b>Court cases pending if any</b>	NA					
	<b>Other Relevant Informations</b>	The proposed project is an amendment project.					
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes					
	<b>Date of online submission</b>	09-03-2017					
<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: 58th meeting Meeting Date: July 14, 2017**

**Page 87 of 98**

Name: K. Anil Kale  
 Signature: 

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

Environment clearance for Amendment of proposed mixed use development at S. No. 238, 239, 240 & 241, Village - Hadapsar, Tehsil -Haveli, Pune, Maharashtra.(New Case)

PP submitted their application for prior Environment Clearance for total plot area of 79,100.00 Sq. Mtrs, BUA of 1,30,819.76 Sq. Mtrs and FSI area of 83,292.06Sq. Mtrs. PP proposes to construct 9 nos. of residential buildings, 1 commercial building having maximum height of 63.15 Mtrs.

During the meeting committee noted that PP had earlier environment clearance dated 27.12.2011 to the project ,now PP applied for amendment in earlier project. As per notification dated 09/12/2016 MOEF &CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained absent for the meeting. However, Committee noted that the total built up area of project is 1,30,819.76 Sq.Mtrs. and project falls under jurisdiction of PMRDA, Special Planning Authority in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

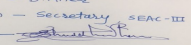
## DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

**Specific Conditions by SEAC:**

## FINAL RECOMMENDATION

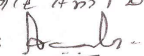
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 88  
of 98**

Name: K. Anil Kale  
Signature: 

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



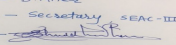
**58th SEAC-3 meeting****SEAC Meeting number: 58th meeting Meeting Date July 14, 2017****Subject:** Environment Clearance for New Construction, "Residential & Commercial Development"

<b>1.Name of Project</b>	Proposed Residential & Commercial Scheme by Majestique Homes LLP
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr Aditya Agarwal, Majestique Homes LLP
<b>4.Name of Consultant</b>	Ultra-Tech (Environmental Consultancy & Laboratory )
<b>5.Type of project</b>	Housing project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	Sr. No. 5/1, 5/2, A & B, 5/3/1, 5/4/1, 6/4B
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Balewadi
<b>11.Area of the project</b>	Pune Municipal Corporation (PMC)
<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> 110056
<b>13.Note on the initiated work (If applicable)</b>	No work Initiated
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Applied
<b>15.Total Plot Area (sq. m.)</b>	26400 Sq.m.
<b>16.Deductions</b>	Road widening (30m&24 m) 442.73 + amenity 3893.59 Sq.m.
<b>17.Net Plot area</b>	22063.68 Sq.m.
<b>18.Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 66683
	<b>b) Non FSI area (sq. m.):</b> 43373
	<b>c) Total BUA area (sq. m.):</b> 110056
<b>19.Total ground coverage (m2)</b>	6235
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	29.61
<b>21.Estimated cost of the project</b>	2500000000

**22.Number of buildings & its configuration**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A1+A2	3P+15	49.5
2	B1+B2	3P+15	49.9
3	C	3P+14	49.9
4	D	3P+15	49.9
5	Retail	G+3	13.8
6	Mhada	P+7	23.4
7	Club house	G+1	7.2

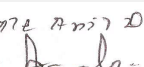
<b>23.Number of tenants and shops</b>	922 Tenemants (out of total 98 tenement - MHADA) + 7 Shop
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 89 of 98**

Name: K. Anil Kale  
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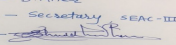
24.Number of expected residents / users	Residential :4120, Commercial 93, MHADA - 490
25.Tenant density per hectare	351
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Approach Road - 30 mtr.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the Building is 9 m
29.Existing structure (s) if any	Sheds- 2 nos - to be removed. Structures - 3 nos. - will be demolished
30.Details of the demolition with disposal (If applicable)	Sheds- 2 nos - to be removed. Structures - 3 nos. - will be demolished

### 31.Production Details

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

### 32.Total Water Requirement

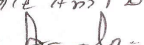

<b>Dry season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	416.77
	<b>Recycled water - Flushing (CMD):</b>	209.78
	<b>Recycled water - Gardening (CMD):</b>	20
	<b>Swimming pool make up (Cum):</b>	3.28
	<b>Total Water Requirement (CMD) :</b>	649.83
	<b>Fire fighting - Underground water tank(CMD):</b>	350
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 for each Bldg - Residential 25 - For MHADA 5 - For Commercial
	<b>Excess treated water</b>	271.46

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
 July 14, 2017**

**Page 90  
 of 98**

Name:   
 Signature: 

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

<b>Wet season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	416.77
	<b>Recycled water - Flushing (CMD):</b>	209.78
	<b>Recycled water - Gardening (CMD):</b>	0
	<b>Swimming pool make up (Cum):</b>	3.28
	<b>Total Water Requirement (CMD) :</b>	629.83
	<b>Fire fighting - Underground water tank(CMD):</b>	350
	<b>Fire fighting - Overhead water tank(CMD):</b>	20 for each Bldg - Residential 25 - For MHADA 5 - For Commercial
	<b>Excess treated water</b>	291.46

**Details of Swimming pool (If any)**

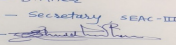
Dimension of Swimming Pool: Main Pool Size: 8m x 16 m x 1.2 m depth  
Baby Pool Size: 6 m x 6 m x 0.7 m depth  
Area of swimming pool -164 m<sup>2</sup>  
Total water Requirement in KL: 178.80 KL  
Water requirement for make up in KLD: 3.28 KLD

Details of Plant & Machinery used for treatment of Swimming pool water filters, filter media, Self Priming pump, Control panel for pump, Vacuum fitting  
Chemicals required for maintaining the Swimming Pool TCCA (Trichloroicocynuric Acid) granules. Disinfection by: Chlorination  
Details of quality to be achieved for swimming pool water and parameters to be monitored:  
Sr. No. Parameters Standard  
1. pH 7.2 7.6  
2. Chlorine level 1 to 1.5 mg/l

Capital Cost:  
O & M cost: - Capital Cost: 12.25 Lakh  
O & M Cost: 2.40 Lakh per annum

### 33.Details of Total water consumed

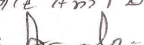
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	416.77	416.77	NA	83.35	83.35	Not applicable	333.42	333.42
Fresh water requirement	Not applicable	416.77	416.77	NA	83.35	83.35	Not applicable	333.42	333.42
Domestic	NA	209.78	209.78	NA	41.96	41.96	NA	167.82	167.82
Gardening	NA	20	20	NA	20	20	NA	0	0

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 91 of 98**

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

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	21 to 24 mtr
	<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 nos
	<b>Size of recharge pits :</b>	2.0 m X 2.0 m X 2.50 m
	<b>Budgetary allocation (Capital cost) :</b>	4.50 Lacs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.72 Lac/Annum
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity (cum) : Residential & Commercial: 559 KL Mhada: 67KL Flushing UG tank Capacity(cum) Residential & Commercial:282 KL Mhada: 34 KL Fire UG tank Capacity (cum) Residential & Commercial: 300 KL Mhada:50 KL

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	West to East
	<b>Quantity of storm water:</b>	15.04 cum/min
	<b>Size of SWD:</b>	450mm Dia. Pipe

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Residential & Commercial: 448.32 Mhada: 52.92
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	570 ( STP 1 - 510 KLD for Residential, STP 2 - 60 KLD - MHADA
	<b>Location &amp; area of the STP:</b>	510 - 185 m2 60 - 29.5 m2
	<b>Budgetary allocation (Capital cost):</b>	510 KLD - Rs. 131 LAcs 60 KLD - Rs. 60.7 LAcs
	<b>Budgetary allocation (O &amp; M cost):</b>	510 KLD - Rs. 12.3 Lacs/ year 60 KLD - Rs. 5.81 Lacs/ year

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavated Material - 4912 Cum Top Soil - 2912 Cum
	<b>Disposal of the construction waste debris:</b>	It will be reused
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	936
	<b>Wet waste:</b>	1392
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Residential & Commercial: 29.50 kg/day Mhada: 3.42 kg/day
	<b>Others if any:</b>	E waste - Negligible

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to Local authority ( SWACH)
	<b>Wet waste:</b>	will be treated in Organic Waste Composter
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	E waste handed over to Authorised agency
<b>Area requirement:</b>	<b>Location(s):</b>	East of Plot
	<b>Area for the storage of waste &amp; other material:</b>	OWC 1 -: 56.00 m2 OWC 2 -: 23.00 m2
	<b>Area for machinery:</b>	OWC 1 -: 31.5 m2, OWC 2 -: 9.00 m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 41.00 Lakhs
	<b>O &amp; M cost:</b>	Rs.8.70 Lakhs/Annum

### 37.Effluent Charecterestics

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

### 38.Hazardous Waste Details

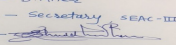
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	45 KVA	HSD	1	22.4	0.075	4080C
2	320 KVA	HSD	1	3.5	0.15	5410C

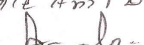
### 40.Details of Fuel to be used

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

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

Name: K. Anil Kale  
Signature: 

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

Page 93 of 98

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2595.73
	<b>No of trees to be cut :</b>	1
	<b>Number of trees to be planted :</b>	330 AzadirachtaIndica - Neem - 6 nos - to be retain. AcasiaArabica - Babhul - 3 Nos. 1 no - to be cut. 2 nos - to be retain.
	<b>List of proposed native trees :</b>	All
	<b>Timeline for completion of plantation :</b>	3 years

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

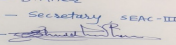
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikarazapota	Chikoo	29	Tropical fruit tree & bird attracting tree
2	Micheliachampaca	Champa	25	Evergreen timber plant, ornamental,
3	Mimusopeselengi	Bakul	25	Evergreen tree, timber yielding and medicinal plant
4	Ficusbenjamina	Weeping fig	25	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	25	Drought tolerant, ornamental & medicinal plant
6	Buteamonosperma	Flame tree	28	Used in pesticide & dye preparation,
7	Cassia grandis	Pink shower	35	Drought tolerant, ornamental & medicinal plant
8	Saracaindica	Sitaashok	28	Evergreen medicinal plant
9	Roystonearegia	Royal palm	25	Nitrogen fixer, ornamental plant
10	Syzygiumcumini	Jambhul	30	fruit tree & bird attracting
11	Neolamarkiacadamba	Kadamba tree	30	Tropical fruit tree & bird attracting tree
12	Mangiferaindica	Mango tree	25	Evergreen & 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	Duranta	0.45	70
2	Golden dew drop	0.45	70
3	Oleander pink	0.45	70
4	Oleander red	0.45	70
5	Oleander white	0.25	70
6	Gaudichaudi	0.25	70
7	Crape jasmine	0.25	70
8	Tagar miniature	0.25	62

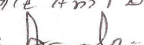
#### 47.Energy

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 94 of 98**

Name: K. Anil Kale  
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>	44 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	4520 KW
	<b>During Operation phase (Demand load):</b>	2217 KVA
	<b>Transformer:</b>	630 KVA- 4 NOS
	<b>DG set as Power back-up during operation phase:</b>	FOR RESIDENTIAL-320 KVA & FOR MHADA-45 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 PV & Solar water heating will be provided

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

Serial Number	Energy Conservation Measures	Saving %
1	1) Timers and contactors will be used to switch on / off common area & external landscape and facade lighting. 2) Light Emitting Diode (LED) will be used for corridors Lobbies and common areas. 3) Energy efficient led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs. 4) All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliabi	56 %
2	125 Ltrs Solar water is provided for each flat .	96 %
3	Solar PV of 4KW is proposed for Common Area Lighting lighting.	9 %

#### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	2
OWC	NA	2
DG set	NA	2

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 164.5 lacs
	<b>O &amp; M cost:</b>	Rs. 16 Lacs/annum

### 51. Environmental Management plan Budgetary Allocation

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

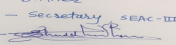
<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017</b></p>	<p><b>Page 95 of 98</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression	1.44
2	Air	Air & Noise Monitoring	0.48
3	Water	Tanker Water For Construction	6
4	Water	Water Monitoring	0.6
5	Land	Site Sanitation- Mobile toilets	2.4
6	Biological	Gardening Set Up and top soil preservation	9.36
7	Socio- Economic Environment	Disinfection- Pest Control	0.18
8	Socio- Economic Environment	First Aid Facilities	0.3
9	Socio- Economic Environment	Health Check Up	0.1
10	Socio- Economic Environment	Creches For Children	0.6
11	Socio- Economic Environment	Personal Protective Equipment	0.6
12	Socio- Economic Environment	CFL Lamp for hutment	0.01
13	Total	total	22.07

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2 no STP will be provided	143.3	66.51
2	Rain Water Harvesting	6 no pit will be provided	4.5	0.7
3	Solid Waste Management	2 no OWC will be provided	41.00	8.70
4	Green Belt Development	RG will be provided	20.00	2.36
5	Energy Use (Solar panel )	Energy saving	9.00	0.45
6	Energy Use (Solar water heating )	Energy saving	155.58	15.55
7	Environmental Monitoring	From MoEFCC approved laboratory	0	17.56
8	Total	Total	373.38	111.83

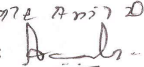
**51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)**

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 96 of 98**

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



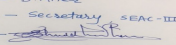
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

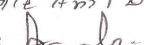
	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	27140 Sq.m.
	Area per car:	Open - 25 Sq. Mt. Covered - 30 Sq.Mt.
	Area per car:	Open - 25 Sq. Mt. Covered - 30 Sq.Mt.
	Number of 2-Wheelers as approved by competent authority:	Scooter - 1908 Bi-Cycle - 1085
	Number of 4-Wheelers as approved by competent authority:	938
	Public Transport:	Pune MahanagarParivahanMahamandal Limited ( PMPML) Balewadi Bus depot
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a (B2)
	Court cases pending if any	NA
	Other Relevant Informations	NA

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

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

**SEAC Meeting No: 58th meeting Meeting Date: July 14, 2017**

**Page 97 of 98**

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	08-04-2017

### Brief information of the project by SEAC

Environment Clearance for New Construction, "Residential & Commercial Development at Sr. No. 5/1, 5/2, A & B, 5/3/1, 5/4/1, 6/4B, Village Balewadi, Taluka-Haveli, Pune.(New Case)

PP submitted their application for prior Environment Clearance for total plot area of 26,400 Sq. Mtrs, BUA of 1,10,056 Sq. Mtrs and FSI area of 66,683 Sq. Mtrs. PP proposes to construct 6 no. of residential building, 1 no. of retail building, 1 no. of MHADA building having maximum height of 49.9 Mtrs. & club house.

During the meeting committee noted that as per notification dated 09/12/2016 MOEF & CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly, MOEF&CC by their order dated 07/07/2017 concurred that the environmental clearance for building and construction projects up to 1,50,000 square meter stand integrated with Development Control regulations (DCR) of all Municipal Corporations, Municipal Councils and all Special Planning Authorities in Pune and Kokan Division.

PP remained absent for the meeting. However, Committee noted that the total built up area of project is 1,10,056 Sq.Mtrs. and project falls under jurisdiction of Pune Municipal Corporation in Pune Division. Therefore, Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

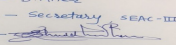
### DECISION OF SEAC

Committee decided to defer the project as per order dated 07/07/2017 of MOEF&CC.

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

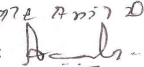
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

**SEAC Meeting No: 58th meeting Meeting Date:  
July 14, 2017**

**Page 98  
of 98**

Name: K. Anil Kale  
Signature: 

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