

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 11, 2018**

**Subject:** Environment Clearance for Development of Three Star Hotel Cum Resort

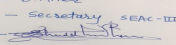
**Is a Violation Case:** No

<b>1.Name of Project</b>	Western India Inns and Resorts LTD
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Manoj Ramanlal Shah
<b>4.Name of Consultant</b>	Ultra-Tech (Environment Consultancy & Laboratory)
<b>5.Type of project</b>	Hotel cum Resort
<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>	Survey No. 3/A/1, CTS No. 219/A/2, Opp. Rayewood Park,
<b>9.Taluka</b>	Maval
<b>10.Village</b>	Lonavala
<b>11.Area of the project</b>	Lonavala Municipal Council (LMC)
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Plan sanctioned by LMC, Pune vide CC No. ENG/BP/100/2009-10/67, dated 13th April 2017 <b>IOD/IOA/Concession/Plan Approval Number:</b> CC No. ENG/BP/100/2009-10/67 <b>Approved Built-up Area:</b> 32390.10
<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>	37,500.00
<b>16.Deductions</b>	2,386.42
<b>17.Net Plot area</b>	35,113.58
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 23,722.24
	<b>b) Non FSI area (sq. m.):</b> 8,667.86
	<b>c) Total BUA area (sq. m.):</b> 32,390.10
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	7,351.84
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	19.6
<b>21.Estimated cost of the project</b>	963750000

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Staff Quarters - 01	Stilt + 03 floors	20
2	Commercial - 01	Basement + Rear Ground + Lower Ground +Ground + Upper Ground + 2 Floors	20.3

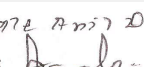

<b>23.Number of tenants and shops</b>	154 - Lodging Rooms, 13 Staff Bedrooms
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**Shri. Anil Kale (Chairman SEAC-III)**

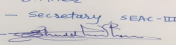
24. Number of expected residents / users	130 - Residential, 450 - Commercial
25. Tenant density per hectare	6,466
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	20.30
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Nearest Fire Station LMC and width of the road from the nearest fire station to the proposed building is 15m.
29. Existing structure (s) if any	Turning radius for easy access of fire tender movement from all around the building is 9 m.
30. Details of the demolition with disposal (If applicable)	Shivshanti Holiday Resort

### 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

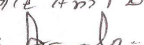
Dry season:	Source of water	Lonavala Municipal Council
	Fresh water (CMD):	295
	Recycled water - Flushing (CMD):	78
	Recycled water - Gardening (CMD):	42
	Swimming pool make up (Cum):	12
	<b>Total Water Requirement (CMD):</b>	<b>295</b>
	Fire fighting - Underground water tank (CMD):	200
	Fire fighting - Overhead water tank (CMD):	30
	Excess treated water	30

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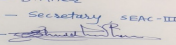
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<b>Wet season:</b>	<b>Source of water</b>	Lonavala Municipal Council
	<b>Fresh water (CMD):</b>	295
	<b>Recycled water - Flushing (CMD):</b>	78
	<b>Recycled water - Gardening (CMD):</b>	00
	<b>Swimming pool make up (Cum):</b>	12
	<b>Total Water Requirement (CMD) :</b>	295
	<b>Fire fighting - Underground water tank(CMD):</b>	200
	<b>Fire fighting - Overhead water tank(CMD):</b>	30
	<b>Excess treated water</b>	30
<b>Details of Swimming pool (If any)</b>	Pool 01 - 291 sqm X 1.20 m deep Pool 02 - 169 sqm X 1.20 m deep Pool 01 - 507 sqm X 0.60 m deep	

### 33.Details of Total water consumed

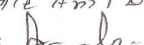
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	--	240	240	--	48	48	--	192	192
Domestic	--	78	78	--	10	10	--	68	68
Gardening	--	42	42	--	42	42	--	00	00
Industrial Process	--	43	43	--	00	00	--	43	43

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<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	<2m
	<b>Size and no of RWH tank(s) and Quantity:</b>	200 cum (1no)
	<b>Location of the RWH tank(s):</b>	Ground Floor
	<b>Quantity of recharge pits:</b>	00
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 29.00 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1.45 Lakhs/Annum
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 200m3/day Flushing UG tank Capacity: 200m3/day Fire fighting: 200m3/day Rainwater harvesting Tank: 200m3/day
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Sloping from South to North
	<b>Quantity of storm water:</b>	1.04 cum/Sec
	<b>Size of SWD:</b>	0.40 x 0.45 with slope 1:350; 0.40 x 0.55 with slope 1:350; 1.20 x 0.75 with slope 1:250
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	270 cum/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	330 cum/day
	<b>Location &amp; area of the STP:</b>	Upper North of Plot near Staff Quarter
	<b>Budgetary allocation (Capital cost):</b>	Rs. 72.92 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 8.27 Lakhs/Annum
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	10,262.45 cum; top soil shall be preserved and reused within the site for landscaping
	<b>Disposal of the construction waste debris:</b>	This material shall be used for back filling and levelling of plot and remaining will be disposed to authorized sites
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1035.6
	<b>Wet waste:</b>	690.4
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	Na
	<b>STP Sludge (Dry sludge):</b>	42
	<b>Others if any:</b>	NA
Name - S.D.Aher Designation - Secretary SEAC-III Sign 		<b>Name:</b> K. Anil Kale <b>Signature:</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
<b>S.D.Aher (Secretary SEAC-III)</b>		<b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b> <b>Page 4 of 83</b>

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to Local authority
	<b>Wet waste:</b>	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>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	East of Plot
	<b>Area for the storage of waste &amp; other material:</b>	54.4 sqm
	<b>Area for machinery:</b>	16.00 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 20.25 Lakhs
	<b>O &amp; M cost:</b>	Rs. 4.12 Lakhs/Annum

### 37. Effluent Characteristics

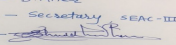
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.0 - 8.0	7.0 - 8.0	7.5
2	Total suspended Solids	mg/l	< 400	< 50	< 100
3	Total Dissolved Solids	mg/l	< 200	< 100	< 150
4	B.O.D.	mg/l	< 500	< 100	< 100
5	C.O.D.	mg/l	< 700	< 250	< 300
Amount of effluent generation (CMD):		43 CUM			
Capacity of the ETP:		55 cum			
Amount of treated effluent recycled :		39 cum			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Advanced Oxidation Process (O3/UV)			
Disposal of the ETP sludge		Handed over to authorised recycler			

### 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

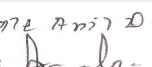
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1000KVA	High Speed Diesel - 1211.3 Ltr / 8 hours	1	As per CPCB Norms > 30 m	0.3	500

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2	750KVA	High Speed Diesel - 946 Ltr / 8 hours	1	As per CPCB Norms > 30 m	0.3	500
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#### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	HSD	--	2157 Ltr / 8 hours	2157 Ltr / 8 hours	
41.Source of Fuel		Authorized Vendor			
42.Mode of Transportation of fuel to site		By Tanker			

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3,511.35 sqm
	<b>No of trees to be cut :</b>	43
	<b>Number of trees to be planted :</b>	470
	<b>List of proposed native trees :</b>	Given
	<b>Timeline for completion of plantation :</b>	30 June 2020

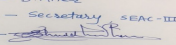
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia Pinnata	Karanj	66	It has large canopy which spreads equally wide, It has potential to grow in salt water soil, drought-tolerant
2	Anthocephallus Cadamba	Kadamb	43	It acquires profitable medicinal and commercial properties
3	Grevillea Robusta	Silver oak	54	It is used for commercial purpose and planted as an ornamental tree
4	Delonix Regia	Flamboyant	08	Grown as an ornamental tree
5	Plumeria Alba	White frangipani	97	Planted as an ornamental plant; heart of the wood is part of traditional medical use
6	Michelia Champaca	Son chafa	28	It is a large evergreen tree It is best known for its strongly fragrant yellow or white flowers
7	Nyctanthes Arbor-Tristis	Parijatak	32	Small deciduous fast growing tree or shrub, beautiful fragrant flowers, Its leaves and bark has medicinal properties
8	Caryota Urens	Fish tail palm	142	Is edible Ornamental plant
9	Retained Trees	NA	47	NA

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

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

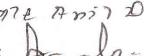
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

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## 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	50 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	2009 KW
	<b>During Operation phase (Demand load):</b>	1256 KVA
	<b>Transformer:</b>	1500 KVA (1 No)
	<b>DG set as Power back-up during operation phase:</b>	One each - 1010KVA + 750KVA
	<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:

Lighting - Use of LED Fittings (12 W) instead of CFL fittings (18 W)  
 Lifts - Use of Group controls and Variable speed drives  
 Water Pumps & Ventilation fans - Use of BEE Certified Motors for equipment  
 Air conditioning system - Use of AC Ciller's & Pump system with VFD drives operation

## 49. Detail calculations & % of saving:

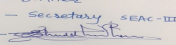
Serial Number	Energy Conservation Measures	Saving %
1	Lighting - Use of LED Fittings (12 W) instead of CFL fittings (18 W)	33%
2	Lifts - Use of Group controls and Variable speed drives	25%
3	Water Pumps & Ventilation fans - Use of BEE Certified Motors for equipment	15%
4	Air conditioning system - Use of AC Ciller's & Pump system with VFD drives operation	30%

## 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	Capacity - 141.57 cum
OWC	Not applicable	Total Area - 75 cum
DG Set	Not applicable	1010KVA, 750KVA
ETP	Not applicable	Capacity - 55 cum

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 50 Lakhs
	<b>O &amp; M cost:</b>	Rs. 2.5 Lakhs/Annum

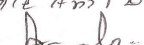
## 51. Environmental Management plan Budgetary Allocation

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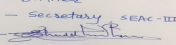
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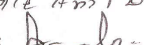
<b>a) Construction phase (with Break-up):</b>							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Air	Water For Dust Suppression ,air and noise monitoring	15.48				
2	Water	Tanker water for construction, water monitoring	27.90				
3	Land	Site Sanitation	15.30				
4	Biological	Gardening	5.15				
5	Socio-Economic	Safety, First Aid, Health Hygiene Facilities, Disinfection at site, Health Check Up, Crèches for children, Personal Protective Equipment, CFL lamps for labour hutments	54.95				
6	Energy Conservation	CFL lamps for labour hutments	2.52				
<b>b) Operation Phase (with Break-up):</b>							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Water	STP	69.91	12.63			
2	Solid waste	OWC	23.25	5.23			
3	Environmental monitoring	--	--	8.95			
4	Land	Gardening	28.04	1.80			
<b>51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)</b>							
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
<b>52.Any Other Information</b>							
No Information Available							
<b>53.Traffic Management</b>							
Nos. of the junction to the main road & design of confluence:			Project will confluent on 15m wide road and 01 junctions to main road				

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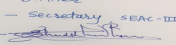
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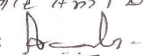
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	9,472.81 sqm
	Area per car:	35 sqm
	Area per car:	35 sqm
	Number of 2-Wheelers as approved by competent authority:	930
	Number of 4-Wheelers as approved by competent authority:	284
	Public Transport:	NA
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	Na
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Lonavala lake: 0.75Km; Khandala lake: 3.00m; Valvan Dam: 3.50Km; INS Shivaji lake: 3.70Km; Bhushi Dam: 8.75Km; Pavana dam: 9.00Km
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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Environment Clearance for Development of Three Star Hotel Cum Resort at Survey No. 3/A/1, CTS No. 219/A/2, Opp. Rayewood Park, Lonavala by **M/s. Western India Inns and Resorts Ltd.**

PP submitted their application for prior Environmental clearance for total plot area of 37500 Sq. Mtrs, BUA of 32390.10 Sq. Mtrs and FSI area of 23722.24 Sq. Mtrs. PP proposes to construct 1 no. Staff Quarters building and 1 commercial building.

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

### DECISION OF SEAC

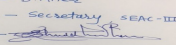
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) Point no 1,5 & 10 of previous MoM not complied.
- 2) PP to submit copy of plan for drainage along with DPR of sewer line which is approved by planning authority.
- 3) PP to submit revised site specific EMP including SWM transport facility/cost.
- 4) PP to submit plan for excess treated water and submit remark from High court committee.
- 5) PP to submit revised design of STP to achieve ZLD.
- 6) PP to submit DMP.
- 7) PP to submit biodegradable waste disposal plan.
- 8) PP to submit revised list of tree plantation.

### FINAL RECOMMENDATION

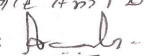
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 11, 2018**

**Subject:** Environment Clearance for Construction Project by M/s.MANTRA INFRA DEVELOPER LLP

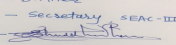
**Is a Violation Case:** No

1.Name of Project	Mantra Marigold
2.Type of institution	Private
3.Name of Project Proponent	Mr Sailesh Agarwal
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
5.Type of project	Residential Development
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Sr.no.10/4/2 ,10/2/5,10/4/4,10/4/5a (Gat No. 10) ,village Yewlewadi ,taluka haveli , Dist. - Pune.
9.Taluka	Haveli
10.Village	Yewlewadi
Correspondence Name:	Mantra Incorporation, T4/T5, 3rd floor, Metropole Building, Next to INOX Theatre, Bund Garden Road, Pune.411001
Room Number:	--
Floor:	3rd floor
Building Name:	Mantra Incorporation
Road/Street Name:	Bund Garden Road
Locality:	Pune
City:	Pune
11.Area of the project	PMC, Pune
12.IOD/IOA/Concession/Plan Approval Number	Applied
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied
	<b>Approved Built-up Area:</b> 50172.12
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	17050.00 m2
16.Deductions	8899.54 m2
17.Net Plot area	8150.46 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15737.30 m2
	b) Non FSI area (sq. m.): 12589.84 m2
	c) Total BUA area (sq. m.): 28327
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	2693.10 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15.79 %
21.Estimated cost of the project	350000000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b></p>	<p><b>Page 11 of 83</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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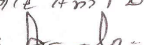
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A	3P + 11	31.35 m	
2	B	3P + 11	31.35 m	
3	C	2P + 8	28.65 m	
4	D-Mhada	P + 8	26.80 m	
<b>23.Number of tenants and shops</b>	No. of tenants: 326 Nos., No. of shops: 0			
<b>24.Number of expected residents / users</b>	1630			
<b>25.Tenant density per hectare</b>	192 Tenements/ hectore			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	12m -30 m			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m			
<b>29.Existing structure (s) if any</b>	NA			
<b>30.Details of the demolition with disposal (If applicable)</b>	NA			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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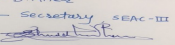
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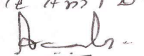

Dry season:	Source of water	YEWLEWADI GRAMPANCHAYAT							
	Fresh water (CMD):	146.7							
	Recycled water - Flushing (CMD):	73.35							
	Recycled water - Gardening (CMD):	6							
	Swimming pool make up (Cum):	1.5							
	Total Water Requirement (CMD) :	228							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	130							
Wet season:	Source of water	YEWLEWADI GRAMPANCHAYAT							
	Fresh water (CMD):	146.7							
	Recycled water - Flushing (CMD):	73.35							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	221.55							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	136.6							
Details of Swimming pool (If any)	Dimension of Swimming Pool: 4 . 0 0 x 6 x 1 . 2 Total Water requirement for make up in KLD:1.5								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	NA	146.7	146.7	NA	10	10	NA	136.6	136.6
Domestic	NA	73.35	73.35	NA	0	0	NA	73.35	73.35
Gardening	NA	6	6	NA	0	0	0	0	0

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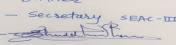
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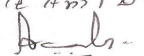
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	15.00 m. to 19.00 m. BGL.
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	6 Nos.
	<b>Size of recharge pits :</b>	2.0 m. X 2.0 m. X 2.5 m.
	<b>Budgetary allocation (Capital cost) :</b>	2.25 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.50 lakhs/ annum
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity (CMD):265 Flushing UG tank Capacity(CMD): 135 Firefighting (CMD): 200
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Sloping from E to W
	<b>Quantity of storm water:</b>	19.95 m3/min
	<b>Size of SWD:</b>	600 mm dia
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	210 KLD
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	2 Nos. - STP 1: 140 KLD and STP 2: 70 KLD capacity
	<b>Location &amp; area of the STP:</b>	Near building A & C
	<b>Budgetary allocation (Capital cost):</b>	Rs. 77.37 lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 13.66 lakhs/annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Debris5086 m3, 45 kg/d -construction worker waste
	<b>Disposal of the construction waste debris:</b>	used for back filling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	471kd/d
	<b>Wet waste:</b>	314 kg/d
	<b>Hazardous waste:</b>	Nil
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	32 Kg/day
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	handed over to authorized recyclers
	<b>Wet waste:</b>	Smart Organic waste composter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	used as manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Near Building C
	<b>Area for the storage of waste &amp; other material:</b>	65 m <sup>2</sup>
	<b>Area for machinery:</b>	65 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	12.87 lakhs
	<b>O &amp; M cost:</b>	3.21 lakhs/ annum

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

### 39. Stacks emission Details

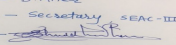
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	attached to DG set	Diesel, 43 lit/hr.	1	5	3	400 OC

### 40. Details of Fuel to be used

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

41. Source of Fuel Authorized Vendor

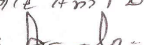
42. Mode of Transportation of fuel to site by road

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	826.50 m <sup>2</sup>
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	104
	<b>List of proposed native trees :</b>	104
	<b>Timeline for completion of plantation :</b>	within 1-2 years

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

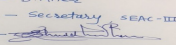
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia grandis	Pink Shower	8	Drought tolerant, ornamental & medicinal plant
2	Michellachampa	Champa	8	Evergreen timber plant, ornamental,
3	Mimusops elengii	Bakul	8	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamino	Weeping fig	8	Evergreen tree, timber yielding and medicinal plant
5	Syzygium cumini	Jambul	9	fruit tree & bird attracting
6	Butea monosperma	Flame tree	9	Used in pesticide & dye preparation,
7	Magnifera indica	Mango	9	Evergreen & bird attracting tree
8	Cassia fistula	Golden shower	9	Drought tolerant, ornamental & medicinal plant
9	Saraca indica	Sita Ashok	9	Evergreen medicinal plant
10	Roystinia regia	Royal plam	9	Nitrogen fixer, ornamental plant
11	Manikara zapota	Chikoo	9	Tropical fruit tree & bird attracting tree
12	Neolamarika cadamba	Kadamba tree	9	Tropical fruit tree & bird attracting tree
13	Total	Total	104	Total

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

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

Serial Number	Name	C/C Distance	Area m <sup>2</sup>
1	NA	NA	NA

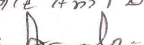
#### 47.Energy

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<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>	1 No.
	<b>During Operation phase (Connected load):</b>	923 KW
	<b>During Operation phase (Demand load):</b>	525 KW
	<b>Transformer:</b>	1 Nos., 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 No. 125 KVA
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	yes

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

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

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	0.39 %
2	Auto Timer Logic Controller	2.14 %
3	Electronic V3F drive for Lifts	0.47 %
4	Solar Water Heater	21.64 %
5	TOTAL	24.64 %

#### 50. Details of pollution control Systems

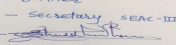
Source	Existing pollution control system	Proposed to be installed
DG set Stack	NA	Stack

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	56.75 lakhs
	<b>O &amp; M cost:</b>	1.91 lakhs/ annum

### 51. Environmental Management plan Budgetary Allocation

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

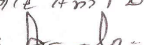
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	AIR ENVIRONMENT	WATER FOR DUST SUPPRESSION Air & Noise monitoring	10.84
2	WATER ENVIRONMENT	tanker water for construction Water monitoring SITE SANITATION	2.22
3	LAND ENVIRONMENT	SITE SANITATION	2.4
4	BIOLOGICAL ENVIRONMENT	Gardening Set up Top soil preservation cost Cost of transplantation of trees	1.00
5	SOCIO- ECONOMIC ENVIRONMENT	DISINFECTION- PEST CONTROL first aid facilities HEALTH CHECK UP Creches for children Personal protective equipment	1.18
6	TOTAL	TOTAL	17.64

### 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	2Nos. 170 KLD & 70 KLD	77.37	13.66
2	OWC	OWC	12.87	3.21
3	RWH	6 Nos.	2.25	0.50
4	Green Belt	green belt development	7.47	0.42
5	Energy	energy	56.75	1.91
6	Swimming pool	swimming pool	15.71	2.4
7	Environmmetal Monitoring	Air, water, noise	00	17.25

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

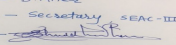
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

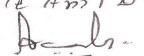
Nos. of the junction to the main road & design of confluence:	1
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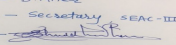
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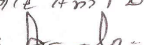
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	No
	<b>Total Parking area:</b>	4574
	<b>Area per car:</b>	12.5
	<b>Area per car:</b>	12.5
	<b>Number of 2-Wheelers as approved by competent authority:</b>	659 Nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	258 Nos.
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8a (B2)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Earlier, we had applied online to EC MPCB Portal for Environment Clearance on dated 23rd May 2017.
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	05-08-2016
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

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Environment Clearance for Construction Project at Sr.no.10/4/2 ,10/2/5,10/4/4,10/4/5a (Gat No. 10) ,village Yewlewadi ,taluka haveli Dist. - Pune. by **M/s.MANTRA INFRA DEVELOPER LLP**

PP submitted their application for prior Environmental clearance for total plot area of 17050 Sq. Mtrs, BUA of 28327 Sq. Mtrs and FSI area of 15737.30 Sq. Mtrs. PP proposes to construct 4 no. residential building.

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

### DECISION OF SEAC

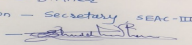
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) PP to submit drainage NOC
- 2) PP to submit NOC for water supply.
- 3) PP to submit an agreement showing that MADHA building will be part of society and they will bear the common charges to maintain DG set & OWC.
- 4) PP to submit separate parking statement along with area per car calculations.
- 5) PP to submit section of sewer trap and disposal point.
- 6) PP has stated that there is no swimming pool so submit revised EMP.
- 7) PP to submit debris management plan.
- 8) PP to submit revised tree list.
- 9) PP to submit revised EMP.
- 10) PP to submit CFO Noc for Building no" C "
- 11) PP to submit details of socioeconomic infrastructure within vicinity.

### FINAL RECOMMENDATION

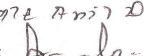
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

Name - S.D.Aher  
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## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 11, 2018**

**Subject:** Environment Clearance for Project by M/s Kakkad Properties

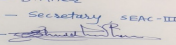
**Is a Violation Case:** No

1.Name of Project	Residential and commercial
2.Type of institution	Private
3.Name of Project Proponent	Mr. Amrish J. Kakkad
4.Name of Consultant	JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 11/8/1 & 11/8/2, Balewadi
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Mr. Rishi Kakkad
Room Number:	501
Floor:	-
Building Name:	Sai Capital
Road/Street Name:	Senapati Bapat Road
Locality:	ICC Tech Park
City:	Pune
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 50771.38
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable
15.Total Plot Area (sq. m.)	14300.00 m2
16.Deductions	2981.13 m2 Plot area after sub-division "A" :- 10418.37 m2 & Plot area after sub-division "B" :- 722.01 m2
17.Net Plot area	11140.38 m2 Net Plot Area of Plot "A" :- 8747.31 m2 & Net Plot Area of Plot "B" :- 722.01 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 26153.48 m2 + EWS area- 1749.74 m2
	b) Non FSI area (sq. m.): 22868.16 m2
	c) Total BUA area (sq. m.): 50771.38
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	4960.16 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.69 % of Total Plot Area (14300.00 m2) 47.61 % of Total Plot "A" Area (10418.37 m2) 56.70 % of Net Plot "A" Area (8747.31 m2)
21.Estimated cost of the project	1500000000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b></p>	<p><b>Page 21 of 83</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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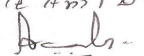
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A	BP+GP+1P+ 2P&RESI.+19	69.95	
2	Wing B	BP+GP+1P+ 2P&RESI.+19	69.95	
3	Wing C	G& P +Mezzanine +7	27.40	
<b>23.Number of tenants and shops</b>	Total Tenements -307 Nos. Shops - 04 Nos.			
<b>24.Number of expected residents / users</b>	Residential Users: 1535 Nos. Commercial Users: 100 Nos. Total Users: 1635 Nos.			
<b>25.Tenant density per hectare</b>	200.69			
<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>	30.00 m wide DP road			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m			
<b>29.Existing structure (s) if any</b>	Not Applicable			
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Applicable			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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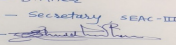
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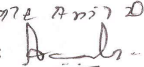
Dry season:	Source of water	PMC							
	Fresh water (CMD):	217.97 m3/day							
	Recycled water - Flushing (CMD):	71.57 m3/day							
	Recycled water - Gardening (CMD):	6.25							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	140.15 m3/day							
	Fire fighting - Underground water tank(CMD):	250.00							
	Fire fighting - Overhead water tank(CMD):	60.00							
	Excess treated water	113.18 m3/day							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	211.72 m3/day							
	Recycled water - Flushing (CMD):	71.57 m3/day							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	140.15 m3/day							
	Fire fighting - Underground water tank(CMD):	250.00							
	Fire fighting - Overhead water tank(CMD):	60.00							
	Excess treated water	119.43 m3/day							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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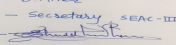
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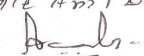
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	10-20 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	5 Nos.
	<b>Size of recharge pits :</b>	1.5M X 2M X 2M
	<b>Budgetary allocation (Capital cost) :</b>	2.04 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.22 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity 210.22 m3 Flushing UG tank Capacity : 71.57 m3 Fire UG tank Capacity : 250 m3
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	5416.234 m3/yr
	<b>Size of SWD:</b>	300 mm to 600 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	191 m3/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	205 m3/day
	<b>Location &amp; area of the STP:</b>	-
	<b>Budgetary allocation (Capital cost):</b>	64.00 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	13.20 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>	322 kg/day
	<b>Wet waste:</b>	471 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	17.19 kg/day
	<b>Others if any:</b>	-

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<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>	-
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	15 m <sup>2</sup>
	<b>Area for machinery:</b>	57 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	14.75 Lakh
	<b>O &amp; M cost:</b>	3.23 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

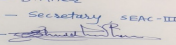
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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- 500 KVA	HSD	1	4 Mtr	to be provided	to be provided

### 40. Details of Fuel to be used

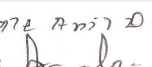

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	86.9 Lit/Hr	86.9 Lit/Hr
41. Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By roadway		

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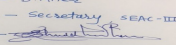
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1074.43 m2
	<b>No of trees to be cut :</b>	-
	<b>Number of trees to be planted :</b>	151 nos.
	<b>List of proposed native trees :</b>	-
	<b>Timeline for completion of plantation :</b>	Mid of constuction

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

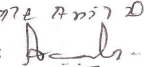
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus excelsa	Maharukh	4	Drought tolerant species,To control soil erosion.
2	Albizia lebek	Shirish	4	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds ).
3	Anthocephalus kadamba	Kadamb	4	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 blackiana	Kanchanraj	8	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	4	Every part of the plant is medicinal, Drought tolerant species.
7	Butea monosperma	Palas	4	Medicinal value, Bird attracting species , To control soil erosion.
8	Cassia fistula	Bahawa	4	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
9	Choclopermum religiosum	Sonsawar	4	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	4	Medicinal value, Edible fruits,
11	Dalbergia sissoo	Shisav	4	Medicinal value, Bird attracting species ,
12	Ficus arnottiana	Payar	4	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomerata	Umbur	4	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	7	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
15	Phyllanthus emblica	Awla	4	Medicinal value, To control soil erosion.

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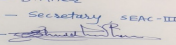
16	Mangifera indica	Mango	4	Edible fruit, Bird attracting species.
17	Michelia champaca	Sonchaffa	4	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Pongamia pinnata	Karanj	8	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
19	Saraca indica	Sita-ashok	8	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	4	Medicinal value, Edible fruit.
21	Azardirachta indica	Neem	4	Medicinal value, To control soil erosion. To improve soil erosion
22	Bahunia racemosa	Apta	4	Every part of the plant is medicinal, Drought tolerant species.
23	Caryota urens	Fishtail palm	4	Grown in any type of soil. Very Hardy.
24	SyzySchleichera oleosa	Shisav	4	Medicinal value, Bird attracting species
25	Mimosups elengii	Bakul	4	Fragrant flowers, Medicinal value, To control soil erosion
26	Murraya exotica	Kamini	4	Native species, Fragrant flowers
27	Aegle marmelos	Bel	4	Fragrant flowers, Bird attracting species.
28	Nyctanthus arbortristis	Parijatak	4	Fragrant flowers, Medicinal value
29	Putrnjiva roxburghii	Putrnjiva	4	Medicinal value, Drought tolerant species,
30	Roystonea regia	Bottle palm	4	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	-	-	-

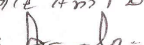
**47.Energy**

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	40 KVA - 1 No.
	<b>During Operation phase (Connected load):</b>	2217.59 KW
	<b>During Operation phase (Demand load):</b>	1114.89 KVA
	<b>Transformer:</b>	2 Nos. of 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	500KVA - 1No
	<b>Fuel used:</b>	86.9 Lit/Hr
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

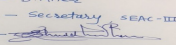
As per MSEDCL requirements, we are planned to use high efficiency Transformer & to reduce losses. We are planning to keep power factor of the installation near unity. Following are the Energy efficient fixtures should be used in our project for energy conservation :-  
 Energy efficient fixtures are proposed for parking areas.  
 LED is proposed for common Lobby, Lounge, Staircase area & general lighting.  
 Automatic time based controls are proposed in Drive ways of Parking to save power by switching ON & OFF the lights at appropriate time.  
 The estimated saving in common area is up to 20% due to adopting above measures.  
 Solar Heating is being proposed for Hot water used in master Toilets.  
 We have proposed using solar energy for Street lights.

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

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saved Using LED	24.0 KWH/Annum
2	Total Energy Saved Using LED	24.0 KWH/Annum
3	Total Energy Saved From External lighting	1.284 KWH/Annum
4	Total Energy Saved From External lighting	1.284 KWH/Annum

#### 50. Details of pollution control Systems

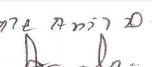

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed 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

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<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	45.45 Lakh
	<b>O &amp; M cost:</b>	2.27 Lakh/year

## 51.Environmental Management plan Budgetary Allocation

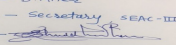
### a) Construction phase (with Break-up):

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	Sewage Treatment Plant	64.00	13.20
2	RWH	Rain Water Harvesting	2.04	0.22
3	MSW	Municipal Solid Waste	14.75	3.23
4	Energy System	Energy System	45.45	2.27
5	Solar water heating cost	Solar water heating cost	49.88	0.32
6	Cost for laying of sewer line up to final disposal point	Cost for laying of sewer line up to final disposal point	4.95	-
7	Cost for storm water drain line up to final disposal point	Cost for storm water drain line up to final disposal point	5.76	-
8	Landscaping	Landscaping	19.48	3.12
9	Fire fighting	Fire fighting	275.00	6.50
10	Safety Equipments	Safety Equipments	10.00	2.00
11	Post EC Monitoring	Post EC Monitoring	-	2.50
12	Dry Waste Management	Dry Waste Management	-	1.84

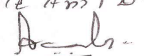
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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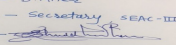
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

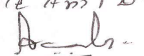
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	Na
	Total Parking area:	15751.4 m2
	Area per car:	37.86 m2
	Area per car:	37.86 m2
	Number of 2-Wheelers as approved by competent authority:	673
	Number of 4-Wheelers as approved by competent authority:	416
	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
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA

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	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	09-08-2016

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Residential and commercial Project at S. No. 11/8/1 & 11/8/2, Balewadi by **M/s Kakkad Properties.**

PP submitted their application for prior Environmental clearance for total plot area of 14300 Sq. Mtrs, BUA of 50771.38 Sq. Mtrs and FSI area of 26153.48 Sq. Mtrs + 1749.74 Sq. Mtrs.(EWS area) PP proposes to construct 3 no. residential building.

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

### DECISION OF SEAC

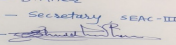
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) PP stated that Plot B non buildable so committee suggested to keep it vacant permanently.
- 2) PP to submit cross sections of the plot boundary showing the Storm water drain, space left in between compound wall, tree plantation line, and internal road.
- 3) PP to submit drawing showing disposal of SWD line up to final disposal point.
- 4) PP to note that 3 level puzzle parking in basement is not allowed.
- 5) PP to relocate underground water tank which are below the driveway in the basement area.
- 6) PP to submit revised basement parking plan and submit parking statement
- 7) PP to submit revised fire tender movement plan with cross sections.
- 8) PP to submit revised DMP.
- 9) PP to submit structural stability certificate.
- 10) PP to submit revised plan showing alignment of sewer line. i.e. STP & OWC as shown currently.
- 11) PP to submit an undertaking for assured water supply.
- 12) PP to submit drawings & calculations for energy saving.

### FINAL RECOMMENDATION

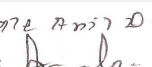

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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Name:   
Signature: 

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 11, 2018**

**Subject:** Environment Clearance for Proposed SRA Project at S.No. 4A/1A/1/10+11 & 4-A/1A/1/12A+B kondhwa (KH) By Oxford Properties (Kondhwa Project).

**Is a Violation Case:** No

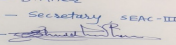
<b>1.Name of Project</b>	Proposed SRA Project at S.No. 4A/1A/1/10+11 & 4-A/1A/1/12A+B kondhwa (KH) By Oxford Properties (Kondhwa Project).
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Rohit Mohan Joshi
<b>4.Name of Consultant</b>	VK:e Environmental LLP Pune.
<b>5.Type of project</b>	SRA scheme
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	S.No. 4A/1A/1/10+11 & 4-A/1A/1/12A+B
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Kondhwa
<b>Correspondence Name:</b>	Mr. Rohit Mohan joshi Oxford Properties (Kondhwa Project).
<b>Room Number:</b>	Office No. 112
<b>Floor:</b>	floor 1
<b>Building Name:</b>	Mangalmurti Complex
<b>Road/Street Name:</b>	Behind Hirabaug Ganpati Mandir
<b>Locality:</b>	Tilak road
<b>City:</b>	Pune
<b>11.Area of the project</b>	PMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Part Sanctioned received
	<b>IOD/IOA/Concession/Plan Approval Number:</b> PMC
	<b>Approved Built-up Area:</b> 13909.07
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	NA
<b>15.Total Plot Area (sq. m.)</b>	15200 sqm
<b>16.Deductions</b>	Road widening area:1399.43 sqm, Park reservation area:6943.16 sqm
<b>17.Net Plot area</b>	6857.41 sqm
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 17558.34
	<b>b) Non FSI area (sq. m.):</b> 13996.44
	<b>c) Total BUA area (sq. m.):</b> 31554.78
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	1972.22
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	28 % on Net Plot Area
<b>21.Estimated cost of the project</b>	481900000

## 22.Number of buildings & its configuration

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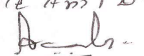
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	LG+UG+P+10 floors	37.95	
2	Building B	LG+UG+Stilt+1P+ 12 floors	44.95	
<b>23.Number of tenants and shops</b>	Building A Tenements: 214 shops: 43 Building B Tenements: 138 shops: 18			
<b>24.Number of expected residents / users</b>	Building A Residential Population: 1070 nos. Commercial Population: 215 nos. Building B Residential Population: 690 nos. Commercial Population: 90 nos.			
<b>25.Tenant density per hectare</b>	Tenant density: 1158 per hectore			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Width of the road is 24 m wide. Nearest fire station: Kondhwa khurd fire station Nearest Fire Station Distance : Approximately 0.20 Km			
<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>	Small Hutments present on site which will be demolished			
<b>30.Details of the demolition with disposal (If applicable)</b>	Debris generated by demolition will be segregated into different categories and will be reused on site for back filling, road leveling. Remaining debris will be handed over to authorized recyclers.			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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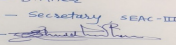
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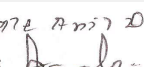

Dry season:	Source of water	PMC							
	Fresh water (CMD):	174							
	Recycled water - Flushing (CMD):	89							
	Recycled water - Gardening (CMD):	5							
	Swimming pool make up (Cum):	0.5							
	Total Water Requirement (CMD) :	269							
	Fire fighting - Underground water tank(CMD):	75000							
	Fire fighting - Overhead water tank(CMD):	20000							
	Excess treated water	169							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	174							
	Recycled water - Flushing (CMD):	89							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	264							
	Fire fighting - Underground water tank(CMD):	75000							
	Fire fighting - Overhead water tank(CMD):	20000							
	Excess treated water	174							
Details of Swimming pool (If any)	0.5 kld water will be required for makeup. a) PH-7.0 to 7.6 b)Chlorine Content -0.8 to 1.0 ppm Residual Chlorine in pool c) Disinfection Treatment - With Ozone								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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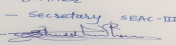
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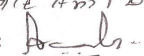
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre monsoon : 9m bgl Post monsoon : 12 m bgl
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	4 recharge pits
	<b>Size of recharge pits :</b>	1m x 1m x 2m depth
	<b>Budgetary allocation (Capital cost) :</b>	400000
	<b>Budgetary allocation (O &amp; M cost) :</b>	60000
	<b>Details of UGT tanks if any :</b>	Total UGT capacity :200500 lit
<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>	2867.25 m <sup>3</sup> /year
	<b>Size of SWD:</b>	200-400 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	263
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	2 STP's STP 1 170 kld for Rehab building STP 2 110 kld for Sale building
	<b>Location &amp; area of the STP:</b>	On ground
	<b>Budgetary allocation (Capital cost):</b>	STP 1: Capital Cost: Rs. 44.00 lakhs/- STP 2: Capital Cost: Rs. 38.00 lakhs/-
	<b>Budgetary allocation (O &amp; M cost):</b>	STP 1 : O & M Cost: Rs. 5.00 lakhs/- STP 2 : O & M Cost: Rs. 4.50 lakhs/-
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Total solid waste: 10 kg/day
	<b>Disposal of the construction waste debris:</b>	The Construction and demolition waste generated 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>	398 kg/day
	<b>Wet waste:</b>	559 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	100 kg/day
	<b>Others if any:</b>	E waste: 3.2 kg/day

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	will be handed over to SWaCH.
	<b>Wet waste:</b>	will be treated in Organic Waste Converter (OWC).
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Dried sludge from STP will be used as manure.
	<b>Others if any:</b>	Will be handed over to authorized recyclers
<b>Area requirement:</b>	<b>Location(s):</b>	On ground
	<b>Area for the storage of waste &amp; other material:</b>	OWC 1: 12 sqm, OWC 2: 10 sqm
	<b>Area for machinery:</b>	OWC 1: 36 sqm, OWC 2: 30 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	OWC 1: 12,50,000 OWC 2 : 11,50,000
	<b>O &amp; M cost:</b>	OWC 1 :2,84,778, OWC 2: 2,57,926

### 37.Effluent Charecterestics

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

### 38.Hazardous Waste Details

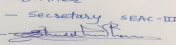
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39.Stacks emission Details

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

### 40.Details of Fuel to be used

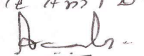
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		

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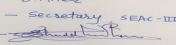
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	687.45 sqm
	<b>No of trees to be cut :</b>	0, 11 trees exists on site which will be retained
	<b>Number of trees to be planted :</b>	88 (new plantation) + 11 (existing) =99
	<b>List of proposed native trees :</b>	Listed as below
	<b>Timeline for completion of plantation :</b>	Till operation phase

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

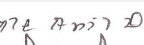

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	8	Medicinal value, To control soil erosion. To improve soil erosion
2	Bahunia racemosa	Apta	4	Every part of the plant is medicinal, Drought tolerant species.
3	Murraya koengii	Kadipatta	4	Medicinal value, Edible leaves.
4	Aegle marmelos	Bel	4	Medicinal value ,Drought tolerant species.
5	Putrnjiva roxburghii	Putrnjiva	4	Medicinal value, Drought tolerant species,
6	Roystonea regia	Bottle palm	4	Ornamental plant, Medicinal value, Birds & bats eat fruits.
7	Caryota urens	Fishtail palm	4	Grown in any type of soil. Very Hardy.
8	Citrus species	Lemon	4	Medicinal value, Edible fruit.
9	Nyctanthus arbortristis	Parijatak	4	Fragrant flowers, Medicinal value,
10	Dalbergia sissoo	Shisav	2	Medicinal value, Bird attracting species ,
11	Erythrina indica	Pangara	2	Fragrant flowers, Drought tolerant species, Birds attracting
12	Ficus glomerata	Umber	4	Medicinal value, Edible fruits, Bird attracting species
13	Syzygium cumini	Jamun	4	Medicinal value, Edible fruit.
14	Dalbergia sissoo	Shisav	4	Medicinal value, Bird attracting species ,
15	Ficus arnottiana	Payar	4	Drought tolerant species, Bird attracting species. To control soil erosion.
16	Pongamia pinnata	Karanj	4	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
17	Mangifera indica	Mango	4	Edible fruit, Bird attracting species.
18	Michelia champaca	Sonchafa	4	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.

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19	Phyllanthus emblica	Awla	4	Medicinal value, To control soil erosion.
20	Saraca indica	Sita-ashok	4	Medicinal value, Religious plant.
21	Cassia fistula	Bahawa	4	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
22	Cordia dichotoma	Bhokar	4	Medicinal value, Edible fruits,

45.Total quantity of plants on ground

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

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

#### 47.Energy

<b>Power requirement:</b>	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	116.44 KVA
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	1382.70 KW
	During Operation phase (Demand load):	553.08 KW
	Transformer:	1 no. of 630 kva
	DG set as Power back-up during operation phase:	2 no. of 62.5 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

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

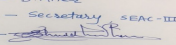
Using LED in parking & common area

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heater & solar PV	119700 kwh

#### 50.Details of pollution control Systems

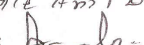
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

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<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	11.30 lakhs
	<b>O &amp; M cost:</b>	0.56 lakhs/annum

## 51.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	16.53
2	Land	Labour Camp toilets & sanitation	4.40
3	Health & Safety	Labour Safety Equipments and training	0.30
4	Environment	Environmental Monitoring	0.06
5	Health & Safety	Disinfection and Health Check-ups	0.22
6	Environment Management	Environmental Monitoring cell	1.70

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	2 STP's	82.0	9.5
2	Solid waste management	2 OWC's	24.0	5.42
3	Landscaping	development & maintenance of green area	12.22	1.96
4	Rain water harvesting	4 recharge pits	4	0.60
5	Environmental Monitoring	air, water, noise, soil, waste water, OWC manure	-	0.84
6	Renewable energy	Solar Hot Water System	11.30	0.56

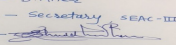
## 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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

### 52.Any Other Information

No Information Available

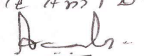
### 53.Traffic Management

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	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Proposed site is located at Kondhwa. The road network within the site has been designed to cater to the traffic loads of the project. Internal driveways are 6 m wide. Existing access road is 24 m wide.
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	4433.4 sqm
	<b>Area per car:</b>	12.5 sqm
	<b>Area per car:</b>	12.5 sqm
	<b>Number of 2-Wheelers as approved by competent authority:</b>	613
	<b>Number of 4-Wheelers as approved by competent authority:</b>	177
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	Building & construction project
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	This is SRA project. Application done on MOEF website on 28/7/2017
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	28-04-2017

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b></p>	<p><b>Page 40 of 83</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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Environment Clearance for Proposed SRA Project at S.No. 4A/1A/1/10+11 & 4-A/1A/1/12A+B kondhwa (KH) By **M/s. Oxford Properties** (Kondhwa Project).

PP submitted their application for prior Environmental clearance for total plot area of 15200 Sq. Mtrs, BUA of 31554.78 Sq. Mtrs and FSI area of 17558.34 Sq. Mtrs. PP proposes to construct 2 no. residential building.

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

### DECISION OF SEAC

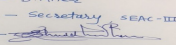
***SEAC decided to recommend the proposed for prior environmental Clearance, subject to PP complying with the above conditions.***

#### Specific Conditions by SEAC:

- 1) PP to upload an undertaking for sustainable water supply.
- 2) PP to submit Measures for energy saving.
- 3) PP to upload DMP including details of lighting arrester.

### FINAL RECOMMENDATION

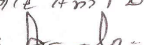
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

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

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Name: K. Anil Kale  
Signature: 

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 11, 2018**

**Subject:** Environment Clearance for Environment Clearance for New Construction Project

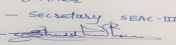
**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Residential Development, at S. no 137(P), Hinjewadi, Pune
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
<b>4.Name of Consultant</b>	M/s. Ultra-Tech (Environmental Consultancy & Laboratory) Lab Gazetted by MoEf - Govt. Of India. NABET Certificate no : NABET/EIA1417/SA0011
<b>5.Type of project</b>	Housing
<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>	Survey no. 137(P)
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Hinjewadi
<b>Correspondence Name:</b>	Mr. Ashwin Lunkad
<b>Room Number:</b>	1 Modibaugh
<b>Floor:</b>	Second Floor
<b>Building Name:</b>	Commercial Building, 1 Modibaugh
<b>Road/Street Name:</b>	Ganeshkhind Road
<b>Locality:</b>	Shivaji Nagar
<b>City:</b>	Pune 411016
<b>11.Area of the project</b>	PMRDA
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	In process
	<b>IOD/IOA/Concession/Plan Approval Number:</b> In process
	<b>Approved Built-up Area:</b>
<b>13.Note on the initiated work (If applicable)</b>	No work is initiated on site
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	NA
<b>15.Total Plot Area (sq. m.)</b>	13,450 m2
<b>16.Deductions</b>	2,071.85 m2
<b>17.Net Plot area</b>	11,378.15 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 14296.32
	<b>b) Non FSI area (sq. m.):</b> 11815.43
	<b>c) Total BUA area (sq. m.):</b> 26111.75
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> -
	<b>Approved Non FSI area (sq. m.):</b> -
	<b>Date of Approval:</b> 01-01-1900
<b>19.Total ground coverage (m2)</b>	3429.96
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	30.38%
<b>21.Estimated cost of the project</b>	465300000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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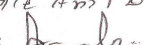
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A	Basement 1 + Stilt + 11 floors	36.45	
2	Wing B	Basement 1 + Stilt + 11 floors	36.45	
3	Club House	Ground+1	6.00	
<b>23.Number of tenants and shops</b>	Tenants: 250 No shops proposed			
<b>24.Number of expected residents / users</b>	1,250			
<b>25.Tenant density per hectare</b>	185 per hectore			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Nearest Fire Station is Hinjewadi MIDC Fire Brigade - Phase I at an approximate distance of 2 kms. Width of Road - 12 m.			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Turning radius for easy access of fire tender movement from all around the building is 9 m			
<b>29.Existing structure (s) if any</b>	NA			
<b>30.Details of the demolition with disposal (If applicable)</b>	NA			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

Name - S.D.Aher  
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Sign - 

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

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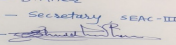
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Name: K. Anil Kale  
Signature:   
**Shri. Anil Kale (Chairman SEAC-III)**

Dry season:	Source of water	PMRDA
	Fresh water (CMD):	112.50
	Recycled water - Flushing (CMD):	56.25
	Recycled water - Gardening (CMD):	25.30
	Swimming pool make up (Cum):	2.16
	Total Water Requirement (CMD) :	196.21
	Fire fighting - Underground water tank(CMD):	75
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	53.45
Wet season:	Source of water	PMRDA
	Fresh water (CMD):	112.50
	Recycled water - Flushing (CMD):	56.25
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	2.16
	Total Water Requirement (CMD) :	170.91
	Fire fighting - Underground water tank(CMD):	75
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	78.75
Details of Swimming pool (If any)	<p>Dimensions of Mains pool: 10m X 6m X 1.2m            Total Water Requirement: 72 CUM            Water Requirement for Make Up: 2.16 CUM            Details of Plant and Machinery used for treatment of water:            High rate sand filters, filter media, Self-Priming pump, Control panel for pump, Vacuum fitting            Chemicals required for maintaining the Swimming Pool TCCA (Trichloro icocynuric 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</p>	

### 33.Details of Total water consumed

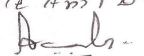

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									

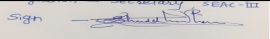

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Name:   
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**Shri. Anil Kale (Chairman SEAC-III)**

Domestic	Not applicable	112.50	112.50	--	-	-	--	-	--	
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	12m								
	<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>	2 Recharge bores and 1 recharge pit								
	<b>Size of recharge pits :</b>	2m x 2m x 3m								
	<b>Budgetary allocation (Capital cost) :</b>	2.5								
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.5								
	<b>Details of UGT tanks if any :</b>	<ul style="list-style-type: none"> <li>• Domestic UG tank Capacity: 93.75 m<sup>3</sup></li> <li>• Drinking UG tank Capacity: 20 m<sup>3</sup></li> <li>• Flushing UG tank Capacity : 56.25 m<sup>3</sup></li> <li>• Fire UG tank Capacity : 75 m<sup>3</sup></li> </ul>								
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per Contour								
	<b>Quantity of storm water:</b>	1.01 m <sup>3</sup> /min								
	<b>Size of SWD:</b>	940 X 900 mm								
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	135								
	<b>STP technology:</b>	MBR								
	<b>Capacity of STP (CMD):</b>	1 STP of capacity 150 KL								
	<b>Location &amp; area of the STP:</b>	As per the service layout								
	<b>Budgetary allocation (Capital cost):</b>	25 lakhs								
	<b>Budgetary allocation (O &amp; M cost):</b>	2.5 lakhs/annum								
<b>36.Solid waste Management</b>										
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	20 kg/day								
	<b>Disposal of the construction waste debris:</b>	This material shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites								
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	219 kg/day								
	<b>Wet waste:</b>	357 kg/day								
	<b>Hazardous waste:</b>	Negligible								
	<b>Biomedical waste (If applicable):</b>	Not Applicable								
	<b>STP Sludge (Dry sludge):</b>	8.1 kg/day								
	<b>Others if any:</b>	NA								
 <b>S.D.Aher (Secretary SEAC-III)</b>		<b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b>				<b>Page 45 of 83</b>		<b>Signature:</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>		

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SWACH.
	<b>Wet waste:</b>	Will be treated in Organic waste converter/ Vermicomposting.
	<b>Hazardous waste:</b>	Will be handed over to authorized vendor if any
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used for landscaping after treatment.
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	As per the services layout
	<b>Area for the storage of waste &amp; other material:</b>	Area of Storage: 20 Sqm.; Area of segregation: 5 Sqm.
	<b>Area for machinery:</b>	Machinery area: 23.71 sqm; Total Area provided : 48.70 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 2 Lakhs
	<b>O &amp; M cost:</b>	Rs 0.25 Lakhs

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

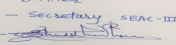
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	1	2.57	5.9 m x 2	562 degree K

### 40. Details of Fuel to be used

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

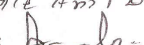
41. Source of Fuel	Authorized vendor
42. Mode of Transportation of fuel to site	By Road

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

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1. Mandatory RG Area : 1338.61 sq.m ; 2. Open space on Slab : 1,972.40 sq.m; 3. Additional Green on ground: 905.62 Sq.m; 4. Total Landscape area: 4216.63sq.m
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	168
	<b>List of proposed native trees :</b>	As given below
	<b>Timeline for completion of plantation :</b>	Till the completion of the project

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

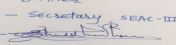
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cordia Dichotoma	Indian cherry	17	Fruit bearing
2	Phyllunthus Emblica	Gooseberry	21	Fruit bearing
3	Syzygium Cumini	Jambhul	37	fruit bearing
4	Artocarpus heterophyllus	Jackfruit	18	fruit bearing
5	Plumeria Rubra	frangipani	15	Ornamental
6	Dalbergia Latifolia	Indian Rosewood	12	shade tree
7	Ficus Glomerata	Cluster fig	13	Fruit bearing plant
8	Magnifera Indica	Mango	18	Fruit bearing plant
9	Anthocephalus Cadamba	Kadamba	17	Medicinal Plant
10	Total	--	168	--

#### 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	Canna dwarf	0.45	150
2	Cassia alata	0.45	150
3	Golden duranta	0.45	300
4	Hamelia dwarf	0.45	100
5	Plumbago zeylanica	0.45	200

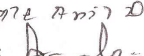
#### 47.Energy

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

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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>	300 KW
	<b>DG set as Power back-up during construction phase</b>	200 KVA
	<b>During Operation phase (Connected load):</b>	398 kW
	<b>During Operation phase (Demand load):</b>	359 kW
	<b>Transformer:</b>	1 x 630 kVA
	<b>DG set as Power back-up during operation phase:</b>	1 x 250 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:

LED Type light fitting: 40 kwh/day  
Solar System for Water Heating: 895 kwh/day

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

Serial Number	Energy Conservation Measures	Saving %
1	LED Type light fitting	40 kwh/day
2	Solar System for Water Heating	895 kwh/ day

#### 50. Details of pollution control Systems

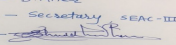
Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	150 KL
OWC/ Vermicomposting	Not applicable	OWC/ Vermicomposting
DG Set	Not applicable	1 x 250 kVA

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 6.5 Lakhs
	<b>O &amp; M cost:</b>	Rs 0.5 Lakhs

### 51. Environmental Management plan Budgetary Allocation

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

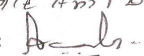
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Water for dust suppression measures & Soil Preservation	0.4
2	Site Safety	Barricading & nets	0.3
3	Site Sanitation	Mobile Toilets etc.	08

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

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4	Disinfection & Health Check Up	For Labours	0.75
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.3

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	--	0.3
2	Water	RWH	2.5	0.5
3	Water	STP	25.00	2.5
4	Energy	Solar Water Heater	6.5	0.5
5	Land Environment	Gardening	1.25	0.4
6	Solid waste	OWC/ Vermicomposting	2	0.25
7	Basement dewatering	--	--	0.20
8	Total	--	37.25	4.65
9	DMP	--	23.6	--

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

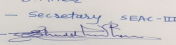
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

**53.Traffic Management**

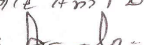
Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on 9 m and 12 m wide road.
---------------------------------------------------------------	-------------------------------------------------------------------------------

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

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

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Signature: 

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Parking details:	Number and area of basement:	No of basements: 1no. Area of Basements: 3,694.76 m2
	Number and area of podia:	NA
	Total Parking area:	7,389.52 m2
	Area per car:	35 m2/car
	Area per car:	35 m2/car
	Number of 2-Wheelers as approved by competent authority:	404
	Number of 4-Wheelers as approved by competent authority:	192
	Public Transport:	Nearest Bus Stop
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Not Application
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	04-05-2017

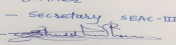
## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for New Construction Project Survey no. 137(P), Hinjewadi, Tal-Haveli Dist: Pune by **M/s.Rohan Housing Pvt. Ltd.**

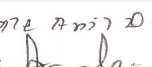

PP submitted their application for prior Environmental clearance for total plot area of 13450 Sq. Mtrs, BUA of 26965.29 Sq. Mtrs and FSI area of 14582.18 Sq. Mtrs. PP proposes to construct 2 no. residential building and 1 club house.

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

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Signature: 

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

## DECISION OF SEAC

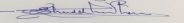
*During discussion PP stated that there is major changes in CS, committee decide to defer the proposal and consider a fresh in next meeting.*

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

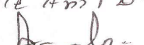
SEAC-AGENDA-00000000071

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

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Signature: 

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 11, 2018**

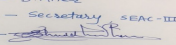
**Subject:** Environment Clearance for Proposed Residential Project

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Residential Project by M/s Mahindra Lifespace Developers Ltd
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s Mahindra Lifespace Developers Ltd
<b>4.Name of Consultant</b>	Ultra-Tech
<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>	CTS No. 5758/A, Pimpri
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Pimpri
<b>Correspondence Name:</b>	Madhusudan Pattanaik
<b>Room Number:</b>	0
<b>Floor:</b>	5th Floor
<b>Building Name:</b>	Mahindra Tower
<b>Road/Street Name:</b>	Dr. G. M. Bhosle Marg,
<b>Locality:</b>	Worli
<b>City:</b>	Mumbai
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal Corporation (PCMC)
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Received sanction vide letter BP/EC/PIMPRI/01/17, DATED- 03.10.2017
	<b>IOD/IOA/Concession/Plan Approval Number:</b> BP/EC/PIMPRI/01/17 dated 03.10.2017
	<b>Approved Built-up Area:</b> 64717.74
<b>13.Note on the initiated work (If applicable)</b>	Not Applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	MHADA
<b>15.Total Plot Area (sq. m.)</b>	18776.11
<b>16.Deductions</b>	2329.02
<b>17.Net Plot area</b>	16447.09
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 25928.59
	<b>b) Non FSI area (sq. m.):</b> 38789.15
	<b>c) Total BUA area (sq. m.):</b> 64717.74
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	8056.60
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	48.98
<b>21.Estimated cost of the project</b>	1234800000

## 22.Number of buildings & its configuration

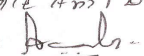
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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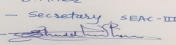
1	Tower A, 1 number	3 Parking levels + 13	54.05
2	Tower B, 1 number	3 Parking levels + 13	54.05
3	Tower C, 1 number	3 Parking levels + 13	54.05
4	Tower D, 1 number	3 Parking levels + 13	54.05
5	MHADA Building, 1 number	P + 12	39.3

<b>23.Number of tenants and shops</b>	400 + 55 MHADA + Club House
<b>24.Number of expected residents / users</b>	2275
<b>25.Tenant density per hectare</b>	277
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	12 M wide & 20 M wide existing roads from 61 m Mumbai Pune Old highway. Gen Arunkumar Agnishaman Kendra, Sant Tukaram nagar 1.5 km away
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Turning radius for easy access of fire tender movement from all around the building is 9.00 m
<b>29.Existing structure (s) if any</b>	Not Any
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Any

### 31.Production Details

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

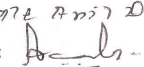
### 32.Total Water Requirement

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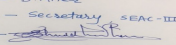
Name: K. Anil Kale  
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**Shri. Anil Kale (Chairman SEAC-III)**

Dry season:	Source of water	PCMC
	Fresh water (CMD):	205
	Recycled water - Flushing (CMD):	102
	Recycled water - Gardening (CMD):	43
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	353
	Fire fighting - Underground water tank(CMD):	375
	Fire fighting - Overhead water tank(CMD):	20 m3 per building
	Excess treated water	104
Wet season:	Source of water	PCMC
	Fresh water (CMD):	205
	Recycled water - Flushing (CMD):	102
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	310
	Fire fighting - Underground water tank(CMD):	375
	Fire fighting - Overhead water tank(CMD):	20 m3 per building
	Excess treated water	147
Details of Swimming pool (If any)	Dimensions of Swimming pool: 219.11 Sq.Mt x 1.2 M Total Water requirement of Swimming pool: 262.80 Cum Make-up water for swimming pool: 3 KLD  Capital Cost: Rs. 35.00 Lacs O & M cost: - Rs. 3.00 Lacs/annum	

### 33.Details of Total water consumed

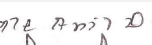

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	0	205	205	0	21	21	0	184	184
Domestic	0	102	102	0	10	10	0	92	92

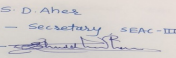
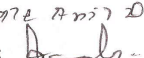
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Gardening	0	43	43	0	43	43	0	0	0
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	17 to 20 m BGL during dry season & Approx. 9 m BGL during wet season							
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA							
	<b>Location of the RWH tank(s):</b>	NA							
	<b>Quantity of recharge pits:</b>	5 nos.							
	<b>Size of recharge pits :</b>	1.3 m dia. x 3 m depth							
	<b>Budgetary allocation (Capital cost) :</b>	10 lakh							
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.25 lakh/annum							
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity (cum) : 410 m <sup>3</sup> (considering 2 days storage) Flushing tank Capacity (cum): 150 m <sup>3</sup> (considering 2 days storage) Fire UG tank Capacity (cum): 375 m <sup>3</sup>							
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	SW to NE							
	<b>Quantity of storm water:</b>	9,456.02 m <sup>3</sup> /annum							
	<b>Size of SWD:</b>	300 to 600 mm							
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	276							
	<b>STP technology:</b>	MBBR							
	<b>Capacity of STP (CMD):</b>	2 nos. of STP having capacity 250 m <sup>3</sup> for residential and 35 m <sup>3</sup> for MHADA building							
	<b>Location &amp; area of the STP:</b>	As shown in Master layout							
	<b>Budgetary allocation (Capital cost):</b>	60 lakh							
	<b>Budgetary allocation (O &amp; M cost):</b>	3 lakh/annum							
<b>36.Solid waste Management</b>									
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavation soft rock - 26,390 m <sup>3</sup> , Excavation Hard Rock - 21,112 m <sup>3</sup>							
	<b>Disposal of the construction waste debris:</b>	Remaining 5278 m <sup>3</sup> will be used in other construction sites/disposed to designated C & D disposal site with due permission							
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	455 kg/day							
	<b>Wet waste:</b>	683 kg/day							
	<b>Hazardous waste:</b>	NA							
	<b>Biomedical waste (If applicable):</b>	NA							
	<b>STP Sludge (Dry sludge):</b>	57 kg/day							
	<b>Others if any:</b>	NA							
Name - S.D.Aher Designation - Secretary SEAC-III Sign - 		<b>SEAC Meeting No: 64 Meeting Date: April 11, 2018</b>				<b>Page 55 of 83</b>		Name: K. Anil Kale Signature: 	
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	will be collected by SWACH
	<b>Wet waste:</b>	Will be treated in mechanised composting machine on site
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	will be used as manure after OWC treatment
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	As shown in Master Layout
	<b>Area for the storage of waste &amp; other material:</b>	97.5 sq m
	<b>Area for machinery:</b>	considered above
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	16.5 lakh
	<b>O &amp; M cost:</b>	0.25 lakh/annum

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water 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

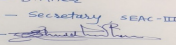
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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	600 kVA DG Set	Diesel	1	As per CPCB requirement	As per standards	As per DG specification
2	200 kVA DG Set	Diesel	1	As per CPCB requirement	As per standards	As per DG specification

### 40. Details of Fuel to be used

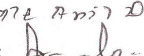
Serial Number	Type of Fuel	Existing	Proposed	Total

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1	Diesel	0	51.82 lt/hr + 96.89 lt/hr	51.82 lt/hr + 96.89 lt/hr
41.Source of Fuel		Authorised Dealer		
42.Mode of Transportation of fuel to site		By road		

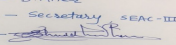
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1,827.45 m2
	<b>No of trees to be cut :</b>	7
	<b>Number of trees to be planted :</b>	228 + 21
	<b>List of proposed native trees :</b>	Native trees are proposed
	<b>Timeline for completion of plantation :</b>	Before completion

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Casia fistula	Bahava	16	Yellow flowering, avenue creation, can survive with small qty of water, controls soil erosion, shady.
2	Michelia champaca	Chafa	14	Fragrant flowers, Medicinal value, To control soil erosion.
3	Cocos nucifera	coconut	07	Edible fruit
4	Drypetes roxburghi	Putranjiva	42	Evergreen plant species, creates avenue.
5	Barringtonia acutangula	Nevar	09	Pink colored flowering plant creates avenue, shady Plant.
6	Bauhinia racemosa	Aptaa	11	Medicinal plant. controls soil erosion, shady.
7	Moringa oleifera	Shevga	07	Indigenous species, having medicinal value. Used as vegetable.
8	Pterospermum acerifolium	Muchkund	14	White fragrant flowering, Shady plant.
9	Azadirachta indica	Neem	24	Medicinal plant, can survive with small qty of water.
10	Anthocephalus cadamba	Cadamba	25	Bird attracting, Shady plants, can survive with small qty of water.
11	Prosopis cineraria	Shami	18	can survive with small qty of water, controls soil erosion
12	Mesua ferrea	Nag champa	20	Fragrant flowers, Medicinal value.
13	Thespesia populnea	Ranbhendi	02	Evergreen, avenue Plant.
14	Bauhinia variegata	Kanchan	25	Birds and butterflies attracting plant, create avenue.
15	Mangifera indica	Mango	15	Edible fruit plant. Bird attracting, Shady plants.

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

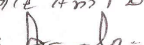
#### 46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	300 kW
	<b>DG set as Power back-up during construction phase</b>	100 kVA
	<b>During Operation phase (Connected load):</b>	3126 kW
	<b>During Operation phase (Demand load):</b>	1672 kW
	<b>Transformer:</b>	630 KVA - 3 no. + 315 KVA - 1 no
	<b>DG set as Power back-up during operation phase:</b>	600 kVA X 1 No. & 200 kVA X 1 No.
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	Yes HT line is passing through the plot

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

- Special Energy Conservation Methods:
- Common area lighting with LED bulbs: 33.3KW
- Solar Water heating system: 59,000lit
- Energy efficient pumps.
- Timer for Staircase lighting, Lift Lobby, Parking area and street lights.
- Efficient Envelope to reduce heat gain.
- Right glass & WWR for maximum light & Ventilation
- Use of LED's, Timers to reduce Lighting Load
- Efficient Pumps & Motors
- Solar PV & Hot Water

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

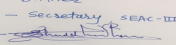
Serial Number	Energy Conservation Measures	Saving %
1	Energy Conservation measures	2.66%

### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	2 Nos
OWC	Not applicable	2 Nos
DG Sets	Not Applicable	2 Nos

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	170 Lakh
	<b>O &amp; M cost:</b>	17 lakh/annum

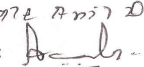
### 51. Environmental Management plan Budgetary Allocation

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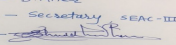
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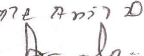
<b>a) Construction phase (with Break-up):</b>							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Air	Dust suppression and Air monitoring	4.52				
2	Water	Water for construction	6				
3	Land	Site sanitation	3.86				
4	Socio-economic environment	First Aid Facilities Health Check Up Creches For Children Personal Protective Equipment	3				
<b>b) Operation Phase (with Break-up):</b>							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage	STP	60.0	3.0			
2	Storm water	RWH	10.0	0.25			
3	Solid waste	OWC	16.0	0.25			
4	Green Belt	RG area	3.0	0.10			
5	Energy	Energy saving measures	170	17			
6	Environmental Monitoring	from Accredited laboratory	0.0	8.95			
<b>51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)</b>							
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
<b>52.Any Other Information</b>							
No Information Available							
<b>53.Traffic Management</b>							
Nos. of the junction to the main road & design of confluence:			Site is abutting to existing 12 & 20 m wide road.				

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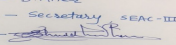
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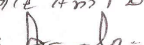
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	Podium area 19452.29 m <sup>2</sup>
	<b>Total Parking area:</b>	12,886.15 m <sup>2</sup>
	<b>Area per car:</b>	56.27 m
	<b>Area per car:</b>	56.27 m
	<b>Number of 2-Wheelers as approved by competent authority:</b>	914
	<b>Number of 4-Wheelers as approved by competent authority:</b>	229
	<b>Public Transport:</b>	PMPML bus stand available
	<b>Width of all Internal roads (m):</b>	min. 6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicabe
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	None within 10 km radius
	<b>Category as per schedule of EIA Notification sheet</b>	8 a (B2)
	<b>Court cases pending if any</b>	Not any
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	23-05-2017
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

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

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 Signature: 

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

Environment Clearance for Proposed Residential Project at CTS No. 5758/A, Pimpri by **M/s Mahindra Lifespace Developers Ltd.**

PP submitted their application for prior Environmental clearance for total plot area of 18776.11 Sq. Mtrs, BUA of 64717.74 Sq. Mtrs and FSI area of 259228.59 Sq. Mtrs. PP proposes to construct 5 no. residential building.

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

### DECISION OF SEAC

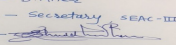
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) PP to submit an undertaking for sustainable water supply
- 2) PP to submit site specific EMP
- 3) PP to submit revised tree plantation plan by adding list of exiting trees and proposed trees.
- 4) PP to submit drawing and details of SWD i.e. last chamber within property and details of municipal chamber along with invert level.
- 5) PP to submit cross sections of the plot boundary showing the Storm water drain, space left in between compound wall, tree plantation line, and internal road.
- 6) PP to submit sections of underground tank provide to tower with the minimum open space for head room.
- 7) PP to submit CFO NOC.
- 8) PP to submit revised DMP.
- 9) PP to submit revised list of trees.
- 10) PP to submit details of socioeconomic infrastructure within vicinity.
- 11) PP to submit details of RWH along with silt chamber.

### FINAL RECOMMENDATION

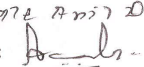
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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## 64 th Meeting of SEAC-3

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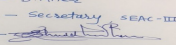
**Subject:** Environment Clearance for Proposed Construction Project by M/s Fast Realty Pvt. Ltd

**Is a Violation Case:** No

<b>1.Name of Project</b>	Somani Dream Home
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr.Nitin Prabhudas Somani & Mrs. Sonal Nitin Somani
<b>4.Name of Consultant</b>	M/s JV Analytical Consultants
<b>5.Type of project</b>	Residential Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not Applicable
<b>8.Location of the project</b>	S. No. 26/4/4 to 7 & 27/4/4 to 7
<b>9.Taluka</b>	Punawale
<b>10.Village</b>	Mulshi
<b>Correspondence Name:</b>	Mr. Nitin Somani & Mrs. Sonal N. Somani
<b>Room Number:</b>	Room no. 03
<b>Floor:</b>	Plot no.-1031,
<b>Building Name:</b>	Anubhav co.-op. Housing Soc.,
<b>Road/Street Name:</b>	Sayani Road,
<b>Locality:</b>	Prabhadevi,
<b>City:</b>	Mumbai-400025
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal Corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Received
	<b>IOD/IOA/Concession/Plan Approval Number:</b> BP/ENV/PUNAWALE/03/2017
	<b>Approved Built-up Area:</b> 60509.90
<b>13.Note on the initiated work (If applicable)</b>	1864.77 m2(Wing A- 2nd slab & Wing B- 1st slab completed)
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Applicable - MHADA Area = 4105.39 m2
<b>15.Total Plot Area (sq. m.)</b>	30321.37 m2
<b>16.Deductions</b>	9876.09 m2
<b>17.Net Plot area</b>	20445.28 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 35089.92
	<b>b) Non FSI area (sq. m.):</b> 25419.98
	<b>c) Total BUA area (sq. m.):</b> 60509.90
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	4390.60 m2
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	14.48 % of Total Plot Area (30321.37 m2) & 21.47 % of Net Plot Area (20445.28 m2)
<b>21.Estimated cost of the project</b>	1950000000

## 22.Number of buildings & its configuration

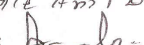
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

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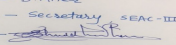
1	A	P + 12	37.85
2	B	P + 12	37.85
3	C	P + 12	37.85
4	D	P + 12	37.85
5	E	P + 12	37.85
6	F	P + 12	37.85
7	G	P + 6	20.45
8	H	P + 6	20.45
9	I	P + 4	14.65

<b>23.Number of tenants and shops</b>	Residential - 827 nos. MHADA - 85 nos. Total Users: 912 Nos.
<b>24.Number of expected residents / users</b>	Residential Users- 4135 nos. MHADA Users - 425 nos. Total Population: 4560 Nos.
<b>25.Tenant density per hectare</b>	300.77
<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>	18 m wide road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	Not Applicable
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Applicable

### 31.Production Details

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

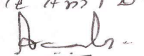
### 32.Total Water Requirement

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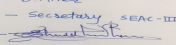
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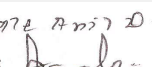

Dry season:	Source of water	PCMC							
	Fresh water (CMD):	633.76 m3/day (One time)							
	Recycled water - Flushing (CMD):	205.2 m3/day							
	Recycled water - Gardening (CMD):	13.66 m3/day							
	Swimming pool make up (Cum):	Not Applicable							
	Total Water Requirement (CMD) :	414.90 m3/day							
	Fire fighting - Underground water tank(CMD):	450 m3							
	Fire fighting - Overhead water tank(CMD):	180 m3							
	Excess treated water	389.23 m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	620.10 m3/day (One time)							
	Recycled water - Flushing (CMD):	205.20 m3/day							
	Recycled water - Gardening (CMD):	0.00 m3/day							
	Swimming pool make up (Cum):	Not Applicable							
	Total Water Requirement (CMD) :	414.90 m3/day							
	Fire fighting - Underground water tank(CMD):	450 m3							
	Fire fighting - Overhead water tank(CMD):	180 m3							
	Excess treated water	352.89 m3/day							
Details of Swimming pool (If any)	Not Applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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

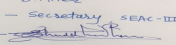
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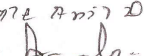
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	• Summer Season: - 25.00 - 29.25 m BGL (27.13 m Avg.) , Rainy Season: - 9.50 - 13.50 m BGL (11.50 m Avg.) , Winter Season: - 17.25 m - 21.38 m BGL (19.32 m Avg.)
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	7 nos.
	<b>Size of recharge pits :</b>	2.00 m x 2.00 m x 2.00 m
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 7.00 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.40 Lakh/year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 645.00 m <sup>3</sup> Flushing UG tank Capacity: 205.20 m <sup>3</sup> Fire UG tank Capacity: 450.00 m <sup>3</sup>
<b>35. Storm water drainage</b>		
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	221.62 m <sup>3</sup> /hr
	<b>Size of SWD:</b>	200 mm -450 mm
<b>Sewage and Waste water</b>		
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	558.09 m <sup>3</sup> /day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	4 nos. & Capacities - 570 m <sup>3</sup> / day (150 m <sup>3</sup> / day + 160 m <sup>3</sup> / day + 160 m <sup>3</sup> / day +100 m <sup>3</sup> / day)
	<b>Location &amp; area of the STP:</b>	Area = 389.84 m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	For 160 m <sup>3</sup> /day- 2 Nos -Rs.87.00 Lakh, For 150 m <sup>3</sup> /day- 43.5 Lakh & For 100 m <sup>3</sup> /day-30.50 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	For 160 m <sup>3</sup> /day- 2 Nos -Rs.10.56 Lakh/Year, For 150 m <sup>3</sup> /day- 5.28 Lakh/Year & For 100 m <sup>3</sup> /day-3.80 Lakh/Year
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	50 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>	912 kg/day
	<b>Wet waste:</b>	1368 kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	50.22 kg/day
	<b>Others if any:</b>	Not applicable

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Authorized vender
	<b>Wet waste:</b>	Organic waste convertor
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	140.7 m <sup>2</sup>
	<b>Area for machinery:</b>	3.30 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	For 750 Kg/day-2 Nos. - Rs. 39.00 Lakh
	<b>O &amp; M cost:</b>	For 750 Kg/day-2 Nos. -Rs. 10.64 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

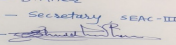
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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- 160 KVA-2 Nos	HSD-38.3 Liters / Hr	S-1 & S-2	6.5 m	As per norms	-

### 40. Details of Fuel to be used

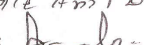
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not Applicable	38.3 Liters / Hr	38.3 Liters / Hr
41. Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By roadway		

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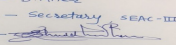
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2276.54 m2
	<b>No of trees to be cut :</b>	Not Applicable
	<b>Number of trees to be planted :</b>	264 Nos.
	<b>List of proposed native trees :</b>	264 nos.
	<b>Timeline for completion of plantation :</b>	Mid of Construction

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

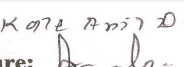

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Golden shower tree	24	Various species of bees and butterflies are known to be pollinators of Cassia fistula flowers. In Ayurvedic medicine, the golden shower tree is known as aragvadha, meaning
2	Plumeria alba	Champa	55	It blooms highly fragrant white flowers with yellow centers in the spring that some cultures use as a perfume. The leaves of this species are used in the care of sores and made into soothing infusion. The tree is hardy and does not attract termites.
3	Bauhinia purpurea	Kanchan	91	Used in traditional medicine as treatments for many ailments, such as ulcers, wounds, swollen glands, and stomach tumors. medicinal properties of the plant suggest that the orchid tree contains a host of chemicals with, among other benefits, antioxidant, antibacterial, anti-inflammatory, and even cancer-fighting effects.
4	Callistemon citrinus	Bottle brush	63	It will adapt to a variety of soils and very drought-tolerant. decoction used as "hot tea" treatment of gastroenteritis, diarrhea, and skin infections. It is also used for fuel.
5	Psidium Guajava	Guava	08	Psidium species are used as food plants by the caterpillars. Guava and has been used traditionally as a medicinal plant throughout the world for a number of ailments. Leaves, pulp and seeds are used to treat respiratory and gastrointestinal disorders, and as an antispasmodic, anti-inflammatory, as a cough sedative, anti-diarrheic, in the management of hypertension, obesity and in the control of diabetes mellitus. It also possesses anticancer properties

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6	Carica papaya	Papaya	18	It is highly accepted worldwide and the demand for fresh papaya fruit is increasing for its high content of vitamin C and provitamin A, which has a protective effect against cancer, and its low-calorie status that is recommended for low hypo caloric diets.
7	Tamarindus indica	Tamarind	05	Tamarind trees are mainly used as supplementary food, as well as for traditional ceremonies, charcoal production and medicinal purposes.

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

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

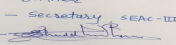
Serial Number	Name	C/C Distance	Area m2
1	Raat rani	500mm	48.71
2	Lemon grass	400mm	291.49

**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	40 KVA - 1 no.
	<b>During Operation phase (Connected load):</b>	2705 KW
	<b>During Operation phase (Demand load):</b>	2405 KVA
	<b>Transformer:</b>	22 KV/315 KVA - 1 No. 22 KV /630 KVA - 3 Nos.
	<b>DG set as Power back-up during operation phase:</b>	160 KVA - 2 No.
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

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

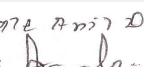

- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches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

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Designation - Secretary SEAC-III  
Sign 

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

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

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor	29172.99 KWH
2	Bollard Lighter - Light Fitting For Landscape Area.	143.08 KWH
3	Recesses Wall Light. - Light Fitting For Landscape Area.	275.94 KWH
4	Planter Of Lighter - Light Fitting For Landscape Area.	289.08 KWH
5	Solar Street Light Fitting - Pole Light On Road Side	1095.00 KWH
6	Street Light on the Bldg.	1314.00 KWH
7	Energy Saving by Solar Hot Water System.	1026000 KWH

### 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>	Rs. 118.80 Lakh
	<b>O &amp; M cost:</b>	Rs. 2.38 Lakh/year

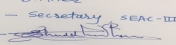
### 51.Environmental Management plan Budgetary Allocation

#### 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 environment	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

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

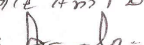
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	1.	STP (100 m3/day)	Rs.30.50 Lakh	Rs.3.80 Lakh/year

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2	2.	STP (150 m3/day)	Rs.43.5 Lakh	Rs.5.28 Lakh/year
3	3.	STP (160 m3/day) - 2 nos.	Rs.87.00 Lakh	Rs.10.56 Lakh/year
4	4.	RWH	Rs. 7.00 Lakh	Rs. 0.40 Lakh/year
5	5.	MSW (750 kg/day-2 nos.)	Rs. 39.00Lakh	Rs. 10.64 Lakh/year
6	6.	Solar System	Rs. 118.80 Lakh	Rs. 2.38Lakh/year
7	7.	Landscape	Rs. 42.01 Lakh	Rs. 6.72 Lakh/Year
8	8.	Safety Equipment	Rs. 10.00 Lakh	Rs. 2.00Lakh/year
9	9.	Post EC monitoring	-	Rs. 2.50 Lakh/year
10	10.	Dry Waste Management	-	Rs. 5.47 akh/year

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

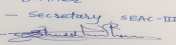
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

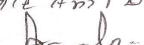
	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	21050.00 m2
	<b>Area per car:</b>	46.16 m2
	<b>Area per car:</b>	46.16 m2
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1824
	<b>Number of 4-Wheelers as approved by competent authority:</b>	456
	<b>Public Transport:</b>	Not Applicable
	<b>Width of all Internal roads (m):</b>	6 m & 12 m

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

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Proposed Construction Project at S. No. 26/4/4 to 7 & 27/4/4 to 7 by **M/s Fast Realty Pvt. Ltd.**

PP submitted their application for prior Environmental clearance for total plot area of 30321.37 Sq. Mtrs, BUA of 60509.90 Sq. Mtrs and FSI area of 35089.92 Sq. Mtrs. PP proposes to construct 9 no. residential building.

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

### DECISION OF SEAC

<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: 64 Meeting Date: April 11, 2018</b></p>	<p><b>Page 71 of 83</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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**PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.**

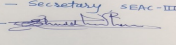
**Specific Conditions by SEAC:**

- 1) PP stated that they have started construction at site 1864.77 m2 constructions done at site.PP to submit architect certificate for area constructed and submit undertaking for the same.
- 2) PP to submit CFO NOC for all building with full height.
- 3) PP to submit revised DMP indicating lightning arrester.
- 4) PP to submit drainage NOC.
- 5) PP to submit revised fire tender movement plan along with cross section showing uniform width.
- 6) PP to submit NOC for water supply
- 7) PP to maintain uniform parking level on all floors by removing dependent parking.
- 8) PP to submit parking statement. and fire tender movement plan.
- 9) PP to submit revised DMP.
- 10) PP to submit details of socioeconomic infrastructure in nearby vicinity.
- 11) PP to submit a drawing for storm water drainage chambers and municipal drainage with invert level.
- 12) PP to submit revised RG Drawing.

**FINAL RECOMMENDATION**

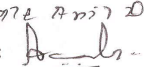
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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## 64 th Meeting of SEAC-3

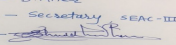
**SEAC Meeting number: 64 Meeting Date April 11, 2018**

**Subject:** Environment Clearance for Proposed Commercial Development

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Commercial Development
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Jitesh Chandna
<b>4.Name of Consultant</b>	Ultra-Tech (Environmental Consultancy & Laboratory)
<b>5.Type of project</b>	Commercial Development
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	S. No.132/23,133/1,133/2/1,133/2/2, 133/3,133/4,169/1,169/2,170/1,170/2,171/1,171/2,172/1A,172/1B,132/6
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Wakad
<b>Correspondence Name:</b>	Shree Mahalakshmi Woolen Mill, R R Hosiery, Off Dr. E Moses Rd, Mahalakshmi, Mumbai- 11
<b>Room Number:</b>	--
<b>Floor:</b>	2
<b>Building Name:</b>	Shree Mahalakshmi Woolen Mill
<b>Road/Street Name:</b>	Off Dr. E Moses Rd
<b>Locality:</b>	Mahalakshmi
<b>City:</b>	Mumbai
<b>11.Area of the project</b>	PCMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Shall be applied
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Shall be applied
	<b>Approved Built-up Area:</b> 241266.46
<b>13.Note on the initiated work (If applicable)</b>	NA
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	72565.43
<b>16.Deductions</b>	24316.68
<b>17.Net Plot area</b>	48248.75
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 109137.04
	<b>b) Non FSI area (sq. m.):</b> 132129.42
	<b>c) Total BUA area (sq. m.):</b> 241266.46
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	26174.38
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	50
<b>21.Estimated cost of the project</b>	8144694265

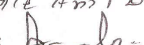
## 22.Number of buildings & its configuration

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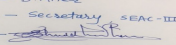
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Mall Building	B + 7	38.40
2	Office building 1	B + 16	69.90
3	Office building 2	2B + G + 6 floors MLCP + 11 floors office	67.40

23.Number of tenants and shops	Shops: 459 Offices:250
24.Number of expected residents / users	Fixed: 5275 Visitors: 43418
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))	Nearest Fire Station at Hinjewadi & Width of the road from the nearest fire station to the proposed building -24m. wide road abutting to site
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	Site office as a temporary structure is present. It will be demolished at later stage.
30.Details of the demolition with disposal (If applicable)	1614 m3

### 31.Production Details

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

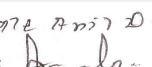

### 32.Total Water Requirement

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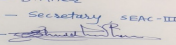
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Dry season:	Source of water	PCMC
	Fresh water (CMD):	358
	Recycled water - Flushing (CMD):	535
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	1204
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	00
Wet season:	Source of water	PCMC
	Fresh water (CMD):	358
	Recycled water - Flushing (CMD):	535
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	1173
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	31
Details of Swimming pool (If any)	NA	

### 33.Details of Total water consumed

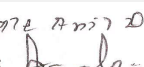

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	00	893	893	00	47	47	00	893	893
Cooling tower & thermopack	00	280	280	00	280	280	00	00	00
Gardening	00	31	31	00	31	31	00	00	00

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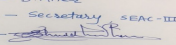
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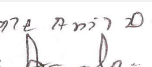

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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	3-7 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	8
	<b>Size of recharge pits :</b>	2m x 2m x 2m
	<b>Budgetary allocation (Capital cost) :</b>	4 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	2 Lakhs/annum
	<b>Details of UGT tanks if any :</b>	--
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NW to SE
	<b>Quantity of storm water:</b>	0.30 m <sup>3</sup> /Sec
	<b>Size of SWD:</b>	600 mm dia
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	846
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 x 850
	<b>Location &amp; area of the STP:</b>	350 m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	72.7 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	21.60 lakhs/annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Domestic waste: 25 Kg/day, Construction waste: Cutting: 54,676 cum of soil 2,22,007 cum of Hard Rock.
	<b>Disposal of the construction waste debris:</b>	Domestic waste will be handed over to local body and excess construction waste will be sent to authorized site for disposal
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	4401 kg/day
	<b>Wet waste:</b>	2934 kg/day
	<b>Hazardous waste:</b>	neglegible
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	42.5 kg/day
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recyclers (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
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	As per layout
	<b>Area for the storage of waste &amp; other material:</b>	200 m <sup>2</sup>
	<b>Area for machinery:</b>	Included in above mentioned area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	56 Lakhs
	<b>O &amp; M cost:</b>	11.46 Lakhs/annum

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

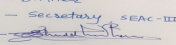
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Sets	HSD	10	As per CPCB guidelines	150<	300

### 40. Details of Fuel to be used

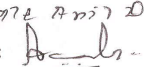

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	00	HSD	HSD

41. Source of Fuel	Nearby pump
42. Mode of Transportation of fuel to site	By road

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	5243. 56 Sqm
	<b>No of trees to be cut :</b>	15
	<b>Number of trees to be planted :</b>	676
	<b>List of proposed native trees :</b>	676
	<b>Timeline for completion of plantation :</b>	5 years

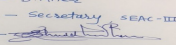
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	10	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	139	Evergreen timber plant, ornamental
3	Mimusopes elengi	Bakul	78	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	48	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	52	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	07	Used in pesticide & dye preparation,
7	Cassia grandis	Pink shower	47	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sita ashok	51	Evergreen medicinal plant
9	Roystonea regia	Royal palm	182	Nitrogen fixer, ornamental plant
10	Syzygium cumini	Jambhul	21	fruit tree & bird attracting
11	Neolamarkia cadamba	Kadamba tree	32	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango tree	09	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:

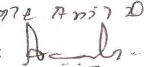
Serial Number	Name	C/C Distance	Area m2
1	Duranta erecta	0.30m	0.60
2	Duranta repens	0.30m	0.60
3	Nerium oleander	0.40m	0.60
4	Nerium oleander	0.40m	0.60
5	Nerium oleander	0.40m	0.60
6	Tecoma castanifolia	0.60m	1.50
7	Tabernaemontana coronatia	0.30m	0.90
8	Tabernaemontana divaricata	0.30m	0.45
9	Tabernaemontana corymbosa variegated	0.40m	0.60
10	Plumbago auriculata	0.40m	0.90

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Designation - Secretary SEAC-III  
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## 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	62 KVA
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	14139.59 kW
	<b>During Operation phase (Demand load):</b>	14788.77 kVA
	<b>Transformer:</b>	9 x 2000 kVA
	<b>DG set as Power back-up during operation phase:</b>	10 x 2000 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:

Energy Saving using Solar Based PV system : 1 % of connected load  
 Energy saving with using T5/LED energy efficient fixture: 4.05 %

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar Based PV system	1%
2	T5/LED energy efficient fixture:	4.05 %

### 50. Details of pollution control Systems

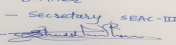
Source	Existing pollution control system	Proposed to be installed
DG Sets	Not applicable	DG sets

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	46.00 Lakhs
	<b>O &amp; M cost:</b>	3.02 Lakhs/annum

## 51. Environmental Management plan Budgetary Allocation

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

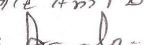
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water For Dust Suppression	0.32
2	Air Environment	Air & Noise monitoring	0.48
3	Water Environment	Tanker water for construction	1.08
4	Water Environment	Water monitoring	0.60

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

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

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

5	Land Environment	Site Sanitation	8.10
6	Biological Environment	Gardening	2.50
7	Biological Environment	Top soil preservation	0.19
8	Socio- Economic Environment	Socio- Economic Environment	7.65

**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	Waste water treatment	72.70	21.60
2	Rain Water Harvesting	Rain Water Harvesting	4.00	2.00
3	Gardening	Landscape Development	55.31	4.95
4	Solid Waste	OWC Unit	56.00	11.46
5	Energy saving	Energy saving measures	46.00	3.02
6	Basement Ventilation	Basement Ventilation	250.00	11.75

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

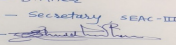
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

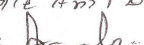
**53.Traffic Management**

Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 24m wide road and proposed 18m wide DP Road
---------------------------------------------------------------	------------------------------------------------------------------------------------------------------------

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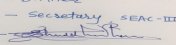
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<b>Parking details:</b>	<b>Number and area of basement:</b>	No. of Basement: 02 Area of Basement: 30805.53
	<b>Number and area of podia:</b>	No. of podium: 1 Area: 21990.84
	<b>Total Parking area:</b>	52796. 37
	<b>Area per car:</b>	Basement: 35 m2 Covered: 30 m2
	<b>Area per car:</b>	Basement: 35 m2 Covered: 30 m2
	<b>Number of 2-Wheelers as approved by competent authority:</b>	6749
	<b>Number of 4-Wheelers as approved by competent authority:</b>	2233
	<b>Public Transport:</b>	Nearest Bus Stop: Wakad
	<b>Width of all Internal roads (m):</b>	9m
	<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)
	<b>Court cases pending if any</b>	None
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	16-01-2018

### TOR Suggested Changes

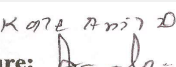

Consolidated Statement Point Number	Original Remarks	Submitted Changes
1) Name of the Project	Proposed Commercial Development	Phoenix Market City
3) Name of the project proponent	Mr. Jitesh Chandna	Mr. Jitesh Chandna for M/s ALYSSUM DEVELOPERS PVT. LTD.
8) Survey No	S.No.132/23, 133/1, 133/2/1, 133/2/2, 133/3, 133/4, 169/1, 169/2, 170/1, 170/2, 171/1, 171/2, 172/1A, 172/1B, 132/6	S.No.132/23, 133/1, 133/2/1, 133/2/2, 133/3, 133/4, 169/1, 169/2, 170/1, 170/2, 171/1, 171/2, 172/1A, 132/6
9) Taluka	Haveli	Mulshi
Plot area	72565	68465

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

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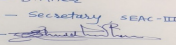
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22) Height of the Building- Mall Building	38.4	36.42
22) Height of the Building- Office Building 1	69.9	67.93
22) Height of the Building- Office Building 2	67.4	64.42
34. Rain water Harvesting pits	8	10
33. Details of total water consumed	Domestic : Loss Proposed : 47 Loss Total : 47 Effluent Proposed : 846 Effluent Total :846	Domestic : Loss Proposed : 44 Loss Total : 44 Effluent Proposed : 849 Effluent Total :849
35. Quantity of Storm water	0.3m3/sec	0.8m3/sec
36. Sewage & waste water - Sewage generation in KLD	846	849
36. Sewage & waste water - Wet Season-Excess Treated water	31	0
44. Green Belt Development- No. of trees to be cut	15	1 (Babhoole)
51. Details of Pollution Control System - Budgetary Allocation	-	Source : Sewage Proposed to be installed : STP
51. Details of Pollution Control System - Budgetary Allocation	-	Source : Biodegradable waste Proposed to be installed : OWC
51Details of Pollution Control System - Budgetary Allocation	Capital -Rs. 46 Lakhs, O & M - Rs. 3.02 Lakhs/Annum	Capital - Rs. 128.70 Lakhs, O & M - Rs. 33.06 Lakhs/annum

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

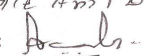
### Brief information of the project by SEAC

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

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Signature: 

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

Environment Clearance for Proposed Commercial Development  
at S.No.132/23,133/1,133/2/1,133/2/2,133/3,133/4,169/1,169/2,170/1,170/2,171/1,171/2,172/1A,172/1B,132/6  
, Wakad dist Pune.

PP submitted their application for prior Environmental clearance for total plot area of 72565.43 Sq. Mtrs, BUA of 241266.46 Sq. Mtrs and FSI area of 109137.04 Sq. Mtrs. PP proposes to construct 3 nos. of commercial building, having 1 Mall Building & 2 office building having maximum height of 69.90 Mtrs .

In the light of EIA Notification 2006 and amendment thereof issued by MoEF, SEAC -III is required to give TOR's to the proposals in the category 8(B) B1. The proposal was discussed on the basis of draft TOR as presented by the PP. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed.

Now in 64 th meeting the committee considered the project under 8(b) B1 category of EIA Notification, 2006.

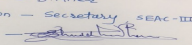
### DECISION OF SEAC

***PP yet not submitted EIA report, so committee decided to defer the proposal.***

**Specific Conditions by SEAC:**

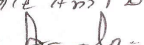
### FINAL RECOMMENDATION

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)**

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Name: K. Anil Kale  
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