

## 64 th meeting of SEAC-3 (Day-2)

SEAC Meeting number: 64 Meeting Date March 21, 2018

**Subject:** Environment Clearance for Proposed Residential Scheme at S. No. 12, Talegaon- Dabhade, Pune by Pune Housing and Area Development Board (MHADA)

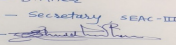
**Is a Violation Case:** No

1.Name of Project	Proposed Residential Scheme by Pune Housing and Area Development Board (MHADA)
2.Type of institution	Government
3.Name of Project Proponent	Mr. Ashok Kakade
4.Name of Consultant	VK:e environmental LLP
5.Type of project	MHADA
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 12, Talegaon- Dabhade, Pune
9.Taluka	Maval
10.Village	Talegaon- Dabhade
Correspondence Name:	Mr. Ashok Kakade
Room Number:	Pune Housing & Area Development Board (MHADA), Grihanirman Bhavan, Agarkar Nagar, Pune -411001
Floor:	Pune Housing & Area Development Board (MHADA), Grihanirman Bhavan, Agarkar Nagar, Pune -411001
Building Name:	Grihanirman Bhavan
Road/Street Name:	Agarkar Nagar
Locality:	Agarkar Nagar
City:	Pune
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Under Process <b>IOD/IOA/Concession/Plan Approval Number:</b> Under process <b>Approved Built-up Area:</b>
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	13,000 m2
16.Deductions	1300 m2
17.Net Plot area	11,700 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 32,441.52 m2 b) Non FSI area (sq. m.): 5801.76 m2 c) Total BUA area (sq. m.): 38243.28
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): In process Approved Non FSI area (sq. m.): In process Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2841.60
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.85
21.Estimated cost of the project	642900000

## 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: March 21, 2018</b></p>	<p><b>Page 1 of 59</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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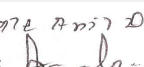
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	P+12	37.7	
2	Building B	LP+L Stilt+U Stilt+12	43.5	
3	Building C	LP+L Stilt+U Stilt+12	43.5	
4	Building D	P+12	37.7	
<b>23.Number of tenants and shops</b>	No. of tenements : 790 Residential Tenants: 3950 No. of shops: NA			
<b>24.Number of expected residents / users</b>	Residential users : 3950 Commercial Users :NA			
<b>25.Tenant density per hectare</b>	607Tenements/hectare, 3038 Tenants/hectare			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Width of the road is 18 m wide. Nearest fire station: Talegaon Dabhade MIDC Fire station Nearest Fire Station Distance : Approximately 4.66 Km			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 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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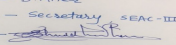
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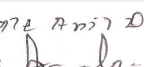
Dry season:	Source of water	Talegaon Dabhade Nagarparishad							
	Fresh water (CMD):	365.5							
	Recycled water - Flushing (CMD):	177.7							
	Recycled water - Gardening (CMD):	16							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	559.2							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	80							
	Excess treated water	295.1							
Wet season:	Source of water	Talegaon Dabhade Nagarparishad							
	Fresh water (CMD):	365.5							
	Recycled water - Flushing (CMD):	177.7							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	543.2							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	80							
	Excess treated water	311.1							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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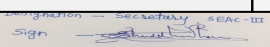

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<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Level of ground water table: Pre monsoon : - 9 m bgl Post monsoon : - 7 m bgl
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not applicable
	<b>Location of the RWH tank(s):</b>	Not applicable
	<b>Quantity of recharge pits:</b>	6
	<b>Size of recharge pits :</b>	2.5 m x 2.5 m x 2m
	<b>Budgetary allocation (Capital cost) :</b>	Rs.9,00,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 25,000/-
	<b>Details of UGT tanks if any :</b>	Residential: Domestic water compartment: - 548.2 m3 Fire Fighting compartment : - 200 m3 Flushing:- 177.7 m3
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits & overflow will be connected to existing Storm water Drain
	<b>Quantity of storm water:</b>	70m3/day
	<b>Size of SWD:</b>	450 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	488.8
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 No. of 490 kld
	<b>Location &amp; area of the STP:</b>	On ground, area : 250 sqm
	<b>Budgetary allocation (Capital cost):</b>	1,15,00,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	16,50,000/-
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	- Dry waste (Kg/day): 08 kg/day -Wet waste (Kg/day): 12 kg/day -Total waste generated:20kg/day
	<b>Disposal of the construction waste debris:</b>	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	790 kg/day
	<b>Wet waste:</b>	1185 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	55 kg/day
	<b>Others if any:</b>	NA
 S.D.Aher (Secretary SEAC-III)	<b>SEAC Meeting No: 64 Meeting Date: March 21, 2018</b>	<b>Page 4 of 59</b>
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	will be handed over to SWaCH
	<b>Wet waste:</b>	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>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	on ground
	<b>Area for the storage of waste &amp; other material:</b>	14 sqm
	<b>Area for machinery:</b>	58 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 29,75,000/-
	<b>O &amp; M cost:</b>	7,37,564/-

### 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

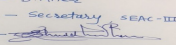
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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	1 DG set of 50 kvA	7.47 kg/hr	1	1.5	0.0762 mm	408 degree C

### 40. Details of Fuel to be used

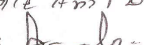
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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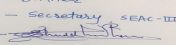
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2628.14 m2
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	175
	<b>List of proposed native trees :</b>	Refer below list
	<b>Timeline for completion of plantation :</b>	Till operation phase

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

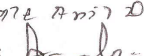
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygium cumini	Jambhul Tree	10	A large size tree with dense foliage provides shade along roads, wood is resistant and attracts a variety of birds
2	Millingtonia hortensis	IndianCork Tree	06	A columnar, evergreen tree, grows well in both dry and moist regions.Ornamental value.
3	Lagerstromia flos-regineae	Tamhan	05	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate
4	Jacaranda mimosifolia	jacaranda	10	Medium size gracious deciduous , flowering tree which prefers moderate climate. Medicinal and ornamental value
5	Pongamia pinnata	Karanj	18	Large tree good for stopping soil erosion along canal banks
6	Azadirachta indica	Neem	25	A medium Large size hardy tree stand in drought condition.
7	Cassia fistula	Bahava	20	Small deciduous tree. Excellent flowering tree for arid regions. Ornamental value
8	Butea monosperma	Palas	05	Small Deciduous. Good for roadside plantation. Ornamental value.
9	Ficus benjamina	Weeping fig	10	Medium sized evergreen tree with elegant appearance and moderate water requirement
10	Psidium guajava	Guava, Peru	06	Small hardy tree. Fruit-bearing and bird attracting tree.
11	Albizia lebbeck	Shirish	08	Shady, large tree, ball shaped flowers Suitable for agroforestry regimes.
12	Plumeria alba	Champa	20	Ornamental flowering tree
13	Michelia champaca	Sonchafa	20	Medium sized evergreen tree,fragrant yellow flowers, Butterfly host plant
14	Phyllanthus emblica	Awla	04	Medicinal value in ayurveda.
15	Mangifera indica	Mango	02	Large evergreen and fruit bearing tree

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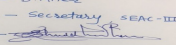
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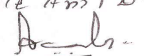
16	Polyathia longifolia	Ashoka	06	Large evergreen tree Effective in decreasing noise pollution.
45.Total quantity of plants on ground				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
<b>47.Energy</b>				
<b>Power requirement:</b>	Source of power supply :	MSEDCL		
	During Construction Phase: (Demand Load)	20 KW		
	DG set as Power back-up during construction phase	25 kvA		
	During Operation phase (Connected load):	1535 KW		
	During Operation phase (Demand load):	765 KVA		
	Transformer:	630 kvA x 1		
	DG set as Power back-up during operation phase:	50 kvA x1		
	Fuel used:	HSD		
	Details of high tension line passing through the plot if any:	Not applicable		
<b>48.Energy saving by non-conventional method:</b>				
<ul style="list-style-type: none"> <li>• Using T5+ LED fixtures with electronic ballast</li> <li>• Using automatic timer operation against manual operation for external lighting</li> <li>• Using high efficient transformer against conventional transformer</li> <li>• T5 led, T8 tube for parking</li> <li>• LED T8 for common area</li> </ul>				
<b>49.Detail calculations &amp; % of saving:</b>				
Serial Number	Energy Conservation Measures	Saving %		
1	<ul style="list-style-type: none"> <li>• Using T5+ LED fixtures with electronic ballast</li> <li>• Using automatic timer operation against manual operation for external lighting</li> <li>• Using high efficient transformer against conventional transformer</li> <li>• T5 led, T8 tube for parking</li> <li>• LED T8 for common area, Solar PV and Solar hot water requirement</li> </ul>	32 %		
<b>50.Details of pollution control Systems</b>				
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>	Solar street lights :Rs. - 8,40,000/-, Solar Hot Water System -Rs. 1,58,000/-
	<b>O &amp; M cost:</b>	Solar street lights :Rs.- 16,000/-, Solar Hot Water System :Rs.23,700/-

## 51.Environmental Management plan Budgetary Allocation

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

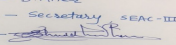
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air environment	Erosion control - dust suppression measures, barricading and top soil preservation	12,61,500/-
2	Land	Labour Camp toilets & sanitation	4,80,000/-
3	Health and Safety	Labour Safety Equipments and training	4,00,000/-
4	Environment	Environmental Monitoring	1,85,600/-
5	Health and Safety	Disinfection and Health Check-ups	51,000/-
6	Environmental Management	Environmental Monitoring cell	2,02,000/-

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	1 STP of 490 kld	1,15,00,000/-	16,50,000/-
2	Solid waste management	1 OWC	29,75,000/-	7,37,564/-
3	Landscaping	Development and maintainence of green area	4,59,924.5/-	49,487.87/-
4	Rain water harvesting	6 recharge pits	9,00,000.00/-	25,000.00/-
5	Environmental Monitoring	air, wter, noise, soil, waste water, owc manure	-	1,85,600/-
6	Solar Street light	Solar Street light	8,40,000/-	16,000/-
7	Solar Hot Water System	Solar Hot Water System	1,58,000/-	23,700/-

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

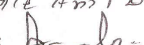
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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## 52.Any Other Information

No Information Available

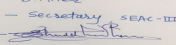
## 53.Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Proposed site is located at Talegaon Dabhade. 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 18 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>	3966
	<b>Area per car:</b>	30
	<b>Area per car:</b>	30
	<b>Number of 2-Wheelers as approved by competent authority:</b>	990
	<b>Number of 4-Wheelers as approved by competent authority:</b>	48
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8a Building and Construction Project
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Online inward on EC MOEF website has been done on 24/04/2017
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	24-04-2017

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

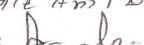
## Brief information of the project by SEAC

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Environment Clearance for Proposed Residential Scheme at S. No. 12, Talegaon- Dabhade, Pune by Pune Housing and Area Development Board (MHADA)

PP submitted their application for prior Environmental clearance for total plot area of 11700 Sq. Mtrs, BUA of 38243.28 Sq. Mtrs and FSI area of 32441.52 Sq. Mtrs. PP proposes to construct 4 nos. of residential buildings.

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

### DECISION OF SEAC

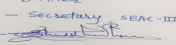
**SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.**

**Specific Conditions by SEAC:**

- 1) PP to submit CFO NOC.
- 2) PP to maintain proper depth for the sewer line.
- 3) PP to resubmit the calculations of energy saving.
- 4) PP to submit NOC for MSW disposal Method.
- 5) PP to increase no of local tree species.

### FINAL RECOMMENDATION

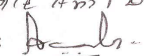
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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## 64 th meeting of SEAC-3 (Day-2)

**SEAC Meeting number: 64 Meeting Date March 21, 2018**

**Subject:** Environment Clearance for project by M/s Shashwati Builders

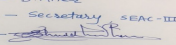
**Is a Violation Case:** No

1.Name of Project	Reflections
2.Type of institution	Private
3.Name of Project Proponent	Siddharth K Khinvasara
4.Name of Consultant	JV Analytical Services
5.Type of project	Residential
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Survey No-18/6, Wakad Road, Village - Thergaon, Pune.
9.Taluka	Haveli
10.Village	Thergaon
11.Area of the project	PCMC
12.IOD/IOA/Concession/Plan Approval Number	Applied
	<b>IOD/IOA/Concession/Plan Approval Number: -</b>
	<b>Approved Built-up Area: 32804.12</b>
13.Note on the initiated work (If applicable)	Total constructed Area- 28693.75 m2 As per previous EC dated 8th April 2015
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	9975.614
16.Deductions	997.56
17.Net Plot area	8978.054
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14968.77
	b) Non FSI area (sq. m.): 17835.35
	c) Total BUA area (sq. m.): 32804.12
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)	1449.70
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	14.53 % of Total plot area(9975.614 m2) &16.15 % of Net Plot Area (8978.054 m2)
21.Estimated cost of the project	750000000

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A	2P+12	42
2	Building B	2P+12	42
3	Building C	2P+12	42

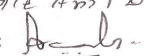
**23.Number of tenants and shops** 203 Nos.

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)**

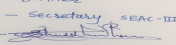
24.Number of expected residents / users	Residential User: 1015 Nos.
25.Tenant density per hectare	203
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m wide D P Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

### 31.Production Details

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

### 32.Total Water Requirement

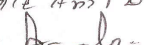
Dry season:	Source of water	PCMC
	Fresh water (CMD):	149.79 (One Time)
	Recycled water - Flushing (CMD):	45.68
	Recycled water - Gardening (CMD):	12.34
	Swimming pool make up (Cum):	0.42
	<b>Total Water Requirement (CMD) :</b>	91.77
	Fire fighting - Underground water tank(CMD):	150.00
	Fire fighting - Overhead water tank(CMD):	60.00
	Excess treated water	65.65

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

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

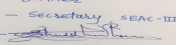
<b>Wet season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	137.45 (One Time)
	<b>Recycled water - Flushing (CMD):</b>	45.68
	<b>Recycled water - Gardening (CMD):</b>	NA
	<b>Swimming pool make up (Cum):</b>	0.42
	<b>Total Water Requirement (CMD) :</b>	91.77
	<b>Fire fighting - Underground water tank(CMD):</b>	150.00
	<b>Fire fighting - Overhead water tank(CMD):</b>	60.00
	<b>Excess treated water</b>	77.99

<b>Details of Swimming pool (If any)</b>	<p>Dimension of Swimming Pool: 10 M X 5 M  Total water Requirement in KLD: 60000 Liters  Water requirement in KLD: 428 Liters/day  Details of Plant &amp; Machinery used for treatment of Swimming pool water:  Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <p>Budgetary allocation ( Capital cost and O &amp; M cost)-  Capital Cost: Rs. 12.00 Lakh  O &amp; M Cost : Rs. 1.44 Lakh/Year</p>
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### 33.Details of Total water consumed

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

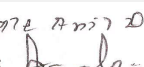
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5m BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	-
	<b>Quantity of recharge pits:</b>	10 Nos.
	<b>Size of recharge pits :</b>	2MX2MX2M
	<b>Budgetary allocation (Capital cost) :</b>	Rs.10.0 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 2.0 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity -75 m3 Flushing UG tank Capacity: - 75 m3 Fire UG tank Capacity: - 150 m3

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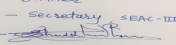
**S.D.Aher (Secretary SEAC-III)**

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

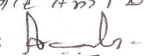
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	450 m3/hr
	<b>Size of SWD:</b>	0.5 m in Width & Depth as per Slope
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	123.67
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	125 KLD- 1 No.
	<b>Location &amp; area of the STP:</b>	-
	<b>Budgetary allocation (Capital cost):</b>	Rs. 49.09 lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 7.45 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>	203.00 kg/day
	<b>Wet waste:</b>	304.50 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	25Kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	SWACH
	<b>Wet waste:</b>	Organic waste convertor
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	9 m2
	<b>Area for machinery:</b>	41 m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 14.75 Lakh
	<b>O &amp; M cost:</b>	Rs. 2.98 Lakh / Year
<b>37.Effluent Charecterestics</b>		

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

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

### 38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	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- 225 KVA	HSD-38.60 Liters/hr	S-1	3.5	-	-

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	38.60 Liters/hr	Not applicable	38.60 Liters/hr

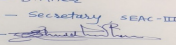
41.Source of Fuel Hindustan Petroleum Corporation Limited/Bharat Petroleum

42.Mode of Transportation of fuel to site By Roadway

<b>43.Green Belt Development</b>	Total RG area :	1341.63 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	82 Nos.
	List of proposed native trees :	-
	Timeline for completion of plantation :	-

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

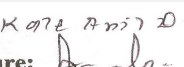

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	15	It is a larval host for Butterflies, fast Growing, Nitrogen fixing, heavy shade tree
2	Magnifera indica	Mango	6	Good for roadside plantation & provide shade

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

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3	Cassia fistula	Bahava	17	It is a larval host for butterflies
4	Lagerstromia flos-regineae	Tamhan	14	Medium sized ornamental tree, used for avenue plantation.
5	Saraca indica	Sita Ashok	15	Medium Size, spreading, evergreen tree with rounded crown.
6	Acrus sapota	Chikoo	15	Good for roadside plantation & provide shade

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

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

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

**47.Energy**

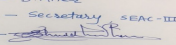
<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	22 KW
	<b>DG set as Power back-up during construction phase</b>	30 KVA - 1 No
	<b>During Operation phase (Connected load):</b>	1279.39 KW
	<b>During Operation phase (Demand load):</b>	629 KVA
	<b>Transformer:</b>	630 KVA X 1No.
	<b>DG set as Power back-up during operation phase:</b>	1 No. of 225 KVA
	<b>Fuel used:</b>	38.60 Liters/hr
	<b>Details of high tension line passing through the plot if any:</b>	No

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

1. Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.
2. T5 fittings will be used for corridors ,Lobbies and common areas.
3. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.
4. Energy efficient LED/T5/CFL lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs.
5. All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have considered current carrying capacity of all the cables laid through ground/air whichever is minimum.
6. 125 Ltrs Solar water is provided for each flat .
7. Solar PV panel system is proposed for Street lighting & Building common load.

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

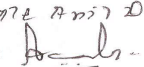
Serial Number	Energy Conservation Measures	Saving %
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Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

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



1	SOLAR WATER HEATING SYSTEM	96%
2	LIGHT FITTING & TIMER	22%
3	SOLAR PV PANEL	25%

### 50.Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.15.75 Lakh
	<b>O &amp; M cost:</b>	Rs. 5.70 Lakh/Year

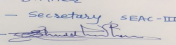
### 51.Environmental Management plan Budgetary Allocation

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

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

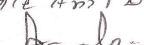
#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	49.09	7.45
2	RWH	-	10.00	2.00
3	MSW	-	14.75	2.98
4	Energy System	-	15.75	5.70
5	Solar water heating system	-	34.25	3.42
6	Solar PV system	-	6.00	0.30
7	Landscaping	-	8.70	5.00
8	Swimming pool	-	12.00	1.44
9	Safety Equipments	-	10.00	2.00

Name - S.D.Aher  
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Sign - 

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Signature: 

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10	Post EC Monitoring	-	-	2.50
11	Dry Waste Management	-	-	1.22

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

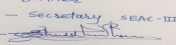
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

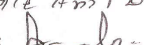
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	Area included in total parking area
	Total Parking area:	9713.65
	Area per car:	67.92
	Area per car:	67.92
	Number of 2-Wheelers as approved by competent authority:	406
	Number of 4-Wheelers as approved by competent authority:	143
	Public Transport:	-
	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)

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Sign - 

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

	<b>Court cases pending if any</b>	Court case no-243/2015
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	14-07-2016

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for project Reflections at Survey No-18/6, Wakad Road, Village - Thergaon, Pune by M/s Shashwati Builders.

### DECISION OF SEAC

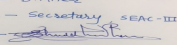
**PP remained absent,hence committee decided to delist the proposal.**

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

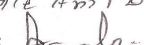
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SEAC-AGENDA 0000000057

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

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

**SEAC Meeting No: 64 Meeting Date: March 21, 2018**

Name: K. Anil Kale  
 Signature: 

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

## 64 th meeting of SEAC-3 (Day-2)

**SEAC Meeting number: 64 Meeting Date March 21, 2018**

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

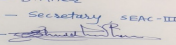
**Is a Violation Case:** No

1.Name of Project	PARK XPRESS
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sunil Papatlal Nahar
4.Name of Consultant	ULTRATECH
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	5,18 & 19
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Pride house
Room Number:	5th floor
Floor:	nera Pune University
Building Name:	Pride house
Road/Street Name:	Pune University road
Locality:	Ganeshkhind
City:	Pune
11.Area of the project	Pune Municipal corporation
12.IOD/IOA/Concession/Plan Approval Number	CC/3262/15, DATED - 30.12.2015 and CC/0681/17 DATED - 13.06.2017
	<b>IOD/IOA/Concession/Plan Approval Number:</b> CC/3262/15, DATED - 30.12.2015 and CC/0681/17 DATED - 13.06.2017
	<b>Approved Built-up Area:</b> 74879
13.Note on the initiated work (If applicable)	we have initiated work as per Old EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	59,779.99
16.Deductions	11,378.78
17.Net Plot area	48,401.21
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 74879
	b) Non FSI area (sq. m.): 66106
	c) Total BUA area (sq. m.): 140984
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)	16,682.7
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.46
21.Estimated cost of the project	2300000

## 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: March 21, 2018</b></p>	<p><b>Page 20 of 59</b></p>	<p>Name: K. Anil D. Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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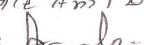
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A-B & C D	P+8	25.65	
2	Wing E-F	P+11	34.20	
3	Wing G-H & Wing I- J	P+8	25.65	
4	Wing K-L	B+P+13	41.30	
5	Wing M-N	B+P+13	41.30	
6	Wing O	B+P+13	41.30	
7	Club house	G+1	63.50	
8	Wing A	G+P1+17	63.50	
9	Wing B	G+ P1+17	68.60	
10	Wing C	G+P1+19	68.60	
11	Wing D	G+ Loft	6.35	
12	Club house	Ground	7.0	
<b>23.Number of tenants and shops</b>	759 nos. & 15 shops, 2 club houses			
<b>24.Number of expected residents / users</b>	Residential 3795 nos. & 383 commercial			
<b>25.Tenant density per hectare</b>	157			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	30 m wide DP road access to buildings from Aundh Fire Station			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9m			
<b>29.Existing structure (s) if any</b>	We have initiated work as per Old EC			
<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  
 Designation - Secretary SEAC-III  
 Sign - 

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

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Name: K. Anil Kale  
 Signature: 

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

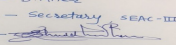
<b>Dry season:</b>	<b>Source of water</b>	PMC
	<b>Fresh water (CMD):</b>	357
	<b>Recycled water - Flushing (CMD):</b>	183
	<b>Recycled water - Gardening (CMD):</b>	72
	<b>Swimming pool make up (Cum):</b>	7
	<b>Total Water Requirement (CMD) :</b>	612
	<b>Fire fighting - Underground water tank(CMD):</b>	200
	<b>Fire fighting - Overhead water tank(CMD):</b>	200
	<b>Excess treated water</b>	249

<b>Wet season:</b>	<b>Source of water</b>	PMC
	<b>Fresh water (CMD):</b>	357
	<b>Recycled water - Flushing (CMD):</b>	183
	<b>Recycled water - Gardening (CMD):</b>	-
	<b>Swimming pool make up (Cum):</b>	7
	<b>Total Water Requirement (CMD) :</b>	605
	<b>Fire fighting - Underground water tank(CMD):</b>	200
	<b>Fire fighting - Overhead water tank(CMD):</b>	200
	<b>Excess treated water</b>	321

<b>Details of Swimming pool (If any)</b>	<p>volume of Pool 1- 101 m2 x 1.2m water depth</p> <p>Volume of Pool 2 - 18sqm x 1.2 m water depth</p> <p>Total water Requirement in KLD: 619 m3/day</p> <p>Water requirement for make up in KLD: 7 m3/day</p>
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### 33.Details of Total water consumed

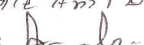
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	0	357	357	0	35.7	35.7	0	321.3	321.3

Name - S.D.Aher  
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 Sign - 

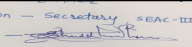
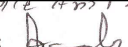
**S.D.Aher (Secretary SEAC-III)**

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Domestic	0	183	183	0	18.3	18.3	0	164.7	164.7
Gardening	0	72	72	0	0	0	0	0	0
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	15-20m							
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA							
	<b>Location of the RWH tank(s):</b>	NA							
	<b>Quantity of recharge pits:</b>	20							
	<b>Size of recharge pits :</b>	2.9m x 2.9 x 1.65m							
	<b>Budgetary allocation (Capital cost) :</b>	50 lacs							
	<b>Budgetary allocation (O &amp; M cost) :</b>	3.50Lacs							
	<b>Details of UGT tanks if any :</b>	-							
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	W to E							
	<b>Quantity of storm water:</b>	312m3/day							
	<b>Size of SWD:</b>	150 to 300mm							
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	504							
	<b>STP technology:</b>	FAB & SRBR							
	<b>Capacity of STP (CMD):</b>	120 AND 420							
	<b>Location &amp; area of the STP:</b>	AS PER LAYOUT							
	<b>Budgetary allocation (Capital cost):</b>	114							
	<b>Budgetary allocation (O &amp; M cost):</b>	20.44							
<b>36.Solid waste Management</b>									
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	90							
	<b>Disposal of the construction waste debris:</b>	Out of the total 68,043.0 m3 will be used within the site for backfilling and the remaining quantity will be used in other construction sites/designated C & D disposal site							
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	835.6							
	<b>Wet waste:</b>	1253.4							
	<b>Hazardous waste:</b>	nil							
	<b>Biomedical waste (If applicable):</b>	NA							
	<b>STP Sludge (Dry sludge):</b>	70 kg/day							
	<b>Others if any:</b>	not any							
Designation - Secretary SEAC-III Sign 		<b>SEAC Meeting No: 64 Meeting Date: March 21, 2018</b>				<b>Page 23 of 59</b>		Name: <b>Shri. Anil Kale</b> Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>	

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Hand over to authorized vendor
	<b>Wet waste:</b>	OWC MACHINE
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used for gardening
	<b>Others if any:</b>	not any
<b>Area requirement:</b>	<b>Location(s):</b>	As per layout
	<b>Area for the storage of waste &amp; other material:</b>	205
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	48.07 lacs
	<b>O &amp; M cost:</b>	8..13lacs

### 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

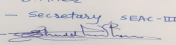
### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	320	Diesel - 52.05	1	2.66	0.10	600
2	250	Diesel - 42.06	1	2.61	0.10	600
3	300	Diesel - 50.05	1	2.66	0.10	600

### 40.Details of Fuel to be used

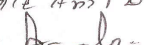
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	42.06	50.05	144.16

41.Source of Fuel	near by pumps
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

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

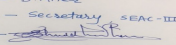
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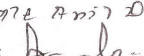
42.Mode of Transportation of fuel to site		by road		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	5779.03		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	621		
	<b>List of proposed native trees :</b>	621		
	<b>Timeline for completion of plantation :</b>	Till the completion of project		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinia blakeana	HONGKONG ORCHID TREE	56	Flower bearing tree
2	Grevillea robusta	SILVER OAK	74	Evergreen tree
3	Alstonia scholaris	SAPTAPARNI	75	Evergreen tree
4	Hyophorbe lagenicaulis	BOTTLE PALM	80	Evergreen tree
5	Caryota urens	FISH TAIL PALM	107	Evergreen tree
6	Plumeria rubra	TEMPLE TREE/PAGODA TREE	4	Flower bearing tree
7	Wodyetia bifurcata	FOX TAIL PALM	197	Evergreen tree
8	Bauhinia purpurea	PURPLE ORCHID TREE	2	Flower bearing tree
9	Nyctanthes arbortristis	PARIJAT	3	Flower bearing tree
10	Cestrum nocturnum	NIGHT JASMINE	3	Flower bearing tree
11	Felicium decipiens	FERN TREE	2	Evergreen tree
12	Plumeria obtusa	SON CHAFA	4	Flower bearing tree
13	Phonix canariensis	DATE PALM	14	Evergreen tree
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
<b>47.Energy</b>				

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

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

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	45 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	5657 KW
	<b>During Operation phase (Demand load):</b>	2887 KW
	<b>Transformer:</b>	7 Nos. X 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	320 KVA (1 no.) 250 KVA (1 no.) 300 KVA (1 no.)
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

- ? Common area lighting with LED bulbs
- ? Common area lighting with LED bulbs
- ? Solar Water heating system
- ? Energy efficient pumps.
- ? Timer for Staircase lighting, Lift Lobby, Parking area and street lights.
- ? Right glass & WWR for maximum Light & Ventilation

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

Serial Number	Energy Conservation Measures	Saving %
1	LED Lighting	26
2	Solar Water Heating	15.73

#### 50. Details of pollution control Systems

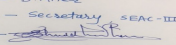
Source	Existing pollution control system	Proposed to be installed
waste water	STP	STP
Garbage	OWC	OWC
DG	Stack	Stack

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	73.5LACS
	<b>O &amp; M cost:</b>	1.10LACS

### 51. Environmental Management plan Budgetary Allocation

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

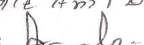
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water For Dust Suppression Air & Noise monitoring	1.2

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

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

2	Water Environment	Tanker water for construction Water monitoring	3.84
3	Land Environment	Site Sanitation	5.4
4	Biological Environment	Gardening	1.98
5	Socio- Economic Environment	Disinfection- Pest Control First Aid Facilities Health Check Up Creche for children Personal protective equipment	7.95

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH pits	50	3.50
2	Sewage Treatment Plant	waste water	114	20.44
3	Organic Waste Composting	garbage	48.07	8.13
4	Tree Plantation	Gardening	107.42	9.72
5	Electrical	Energy saving	73.5	1.10
6	Environment Monitoring	Environmental monitoring	Outside lab	21.70

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

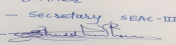
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

**53.Traffic Management**

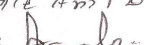
Nos. of the junction to the main road & design of confluence:	30 and 18m DP road
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Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign 

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

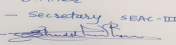
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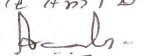
Parking details:	Number and area of basement:	2
	Number and area of podia:	2
	Total Parking area:	31874.79
	Area per car:	30
	Area per car:	30
	Number of 2-Wheelers as approved by competent authority:	1595
	Number of 4-Wheelers as approved by competent authority:	484
	Public Transport:	via PMC bus
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Not any
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-11-2016
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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 Building Construction Project (PARK XPRESS) at 5,18 & 19, Balewadi Pune.by **Mr. Sunil Popatlal Nahar.**

PP submitted their application for prior Environmental clearance for expansion of the previous EC having total plot area of 59779.99 Sq. Mtrs, BUA of 140984 Sq. Mtrs and FSI area of 74879 Sq. Mtrs. PP proposes to construct 11 nos. of residential buildings. and 1 club house.

The case was discussed on the basis of the documents submitted by the proponent.

### DECISION OF SEAC

During discussion PP has produced a letter from the authority (SEIAA) stating the area reduction and therefore not to be considered as violation.However committee pointed out that there is change in layout and configuration which has already been constructed which is not as per earlier EC. PP has submitted the copy of documents which PP had submitted to SEIAA for consideration. these documents do not have revised layout plans and only mentioning about the area..PP to submit whether exemption for violation includes layout/configuration change.

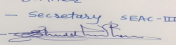
PP to submit details whether the configuration change.

Committee decided to defer the proposal till above condition in receipt from the PP.

**Specific Conditions by SEAC:**

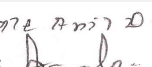

### FINAL RECOMMENDATION

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

## 64 th meeting of SEAC-3 (Day-2)

**SEAC Meeting number: 64 Meeting Date March 21, 2018**

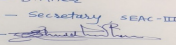
**Subject:** Environment Clearance for Proposed Residential cum Commercial project

**Is a Violation Case:** No

1.Name of Project	"PRIDE PLATINUM"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Murarilal Saraogi
4.Name of Consultant	Ultra-Tech (Environment Consultancy & Laboratory)
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment and Expansion Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC obtained vide letter No. 21-1128/2007-IA-III/TC1 dated 01st June 2009 for Construction area 83,354 sqm. Out of above 64,773 sqm is already completed.
8.Location of the project	S. No 16A, 16B, 16C, 16KH, 16G, 16GH, 16D, 16CH, 16CHH, 16J, 16ZA, 16T, 16TH, 16P
9.Taluka	Haveli
10.Village	Baner
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Plan sanctioned by PMC, Pune vide CC No. 3568/14 dated 4/02/2015
	<b>IOD/IOA/Concession/Plan Approval Number:</b> CC No. 3568/14 for 42250.22sqm FSI Area
	<b>Approved Built-up Area:</b> 42250.22
13.Note on the initiated work (If applicable)	EC obtained vide letter No. 21-1128/2007-IA-III/TC1 dated 01st June 2009 for Construction area 83,354m2. Six residential buildings along with club house with built-up area 64,773m2 were already completed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	39,858.16
16.Deductions	7,007.22
17.Net Plot area	32,850.94
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 47,199
	b) Non FSI area (sq. m.): 47,205
	c) Total BUA area (sq. m.): 94,404
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)	22,553
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23%
21.Estimated cost of the project	1418800000

## 22.Number of buildings & its configuration

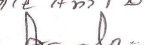
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Commercial Building - A (Proposed)	Basement + Ground + 03 floors	18.08
2	C-D, E-F, G-H (Existing)	Basement + Silt + 11	34.68m
3	I-J (Proposed)	Basement + Silt + 18	55.10m
4	Club House (Existing)	G+1	NA

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)**

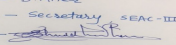
23.Number of tenants and shops	430 - Tenements; 2 - Showrooms; 18 - Shops; 42 - Offices
24.Number of expected residents / users	2150 - Residents; 681 - Commercial
25.Tenant density per hectare	108 Tenement / hectore
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station Hinjewadi (9.3m) & Width of the road from the nearest fire station to the proposed building is 18m.
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	Building - C-D, E-F, G-H (Existing) - Basement + Silt + 11 floors - 34.68 m - Tenements: 288; Club-House (Existing) - G+1 floor
30.Details of the demolition with disposal (If applicable)	NA

### 31.Production Details

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

### 32.Total Water Requirement

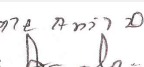

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	206
	Recycled water - Flushing (CMD):	117
	Recycled water - Gardening (CMD):	45
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	224
	Fire fighting - Underground water tank(CMD):	450
	Fire fighting - Overhead water tank(CMD):	160
	Excess treated water	114

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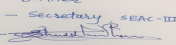
<b>Wet season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	206
	<b>Recycled water - Flushing (CMD):</b>	117
	<b>Recycled water - Gardening (CMD):</b>	00
	<b>Swimming pool make up (Cum):</b>	3
	<b>Total Water Requirement (CMD) :</b>	224
	<b>Fire fighting - Underground water tank(CMD):</b>	450
	<b>Fire fighting - Overhead water tank(CMD):</b>	160
	<b>Excess treated water</b>	159

**Details of Swimming pool (If any)** Pool = 13.4mx6.5mx1.2m  
Channel = 6.5mx1.2mx0.9m

### 33.Details of Total water consumed

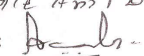
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	138	68	206	21	10	31	117	58	175
Domestic	78	39	117	11	06	17	67	33	100
Gardening	--	45	45	--	45	45	--	00	00

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	8M
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	20
	<b>Size of recharge pits :</b>	2m x 0.9m X 2m
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 20 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1 Lakhs/Annum
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 206m3/day Flushing UG tank Capacity: 117m3/day Fire fighting: 450m3/day

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<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Sloping from South to North
	<b>Quantity of storm water:</b>	1.24 m3/min
	<b>Size of SWD:</b>	Ø 750 mm having slope 1: 40

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	291 m3/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	Residential - 270 m3/day; Commercial - 40 m3/day
	<b>Location &amp; area of the STP:</b>	Residential - Plot Centre; Commercial - North of Plot
	<b>Budgetary allocation (Capital cost):</b>	Rs. 37.37 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 0.74 Lakhs/Annum

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	28,499.57m3 to be used on site for filling
	<b>Disposal of the construction waste debris:</b>	This material shall be used for back filling and levelling of plot

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	482
	<b>Wet waste:</b>	677
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	68.6
	<b>Others if any:</b>	NA

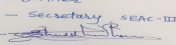
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorised contractor
	<b>Wet waste:</b>	SMART Organic waste composter
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	NA

<b>Area requirement:</b>	<b>Location(s):</b>	South - East of Plot
	<b>Area for the storage of waste &amp; other material:</b>	106m2 (Residential - 64m2; Commercial - 42m2)
	<b>Area for machinery:</b>	19m2 (Residential - 13m2; Commercial - 6m2)

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 23.31 Lakhs
	<b>O &amp; M cost:</b>	Rs. 5.67 Lakhs/Annum

### 37.Effluent Charecterestics

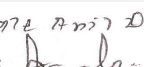

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
---------------	------------	------	--------------------------------	---------------------------------	-------------------------------------

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

### 38.Hazardous Waste Details

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

### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG - 500KVA	Diesel - 81.59 Ltr/hr	1	7	0.25	250
2	DG - 625KVA	Diesel - 101 Ltr/hr	1	8	0.25	280

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	81.59	101	182.59

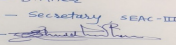
41.Source of Fuel Authorized dealer

42.Mode of Transportation of fuel to site By Road

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	7,563.99 m2
	<b>No of trees to be cut :</b>	00
	<b>Number of trees to be planted :</b>	158
	<b>List of proposed native trees :</b>	Given
	<b>Timeline for completion of plantation :</b>	On project completion

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

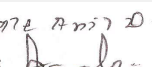

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephalus Cadamba	Kadamb	93	Native, evergreen, gives shade, flowers, mythological value & wound healing medical use
2	Plumeria Alba	Champa	08	Native, evergreen, for beautiful fragrant flowers.

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3	Plumeria Rubra	Frangipani	02	It grows as a spreading tree to 7-8 m high and wide, and is flushed with fragrant flowers of shades of pink, white and yellow over the summer and autumn.
4	Jacaranda mimosifolia	Jacaranda	06	Ornamental plant
5	Flcusbenjamina	Weeping Fig	38	Evergreen tree, non-flowering, Native, can be pruned and given topiary effect
6	Phoenix Sylvestris	Wild date palm	05	Ornamental plant
7	Callistemon Golden	Bottle Brush	34	Ornamental plant
8	Delonix Regia-1	Gulmohar	05	An Ornamental plant, flowering plant
9	Areca Catechu	Supari	77	Medicinal value, Ornamental plant
10	Feliciium Decipiens	Fern Tree	17	Ornamental plant
11	Tabebuia Avellanadae	Pink Trumpet Tree	01	Medicinal value
12	Lagerstromia Speciosa	Tamhan	15	Flowering plant, Ornamental plant
13	Araucaria columnaris	Christmas Tree	02	Ornamental plant
14	Alstonia	Blackboard tree	105	Ornamental plant
15	Maytenus boaria	Lokhandi	03	Ornamental plant

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

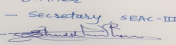
**46.Number and list of shrubs and bushes species to be planted in the podium RG:**

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

**47.Energy**

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	85 KW
	<b>DG set as Power back-up during construction phase</b>	160 KVA
	<b>During Operation phase (Connected load):</b>	4100.5 KW
	<b>During Operation phase (Demand load):</b>	2752 KW
	<b>Transformer:</b>	630KVA (5 No)
	<b>DG set as Power back-up during operation phase:</b>	500KVA (1 no) & 625 KVA (1 no)
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

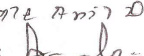
**48.Energy saving by non-conventional method:**

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Conventional T5 Fixture With Electronic Ballast Vs Energy Efficient Cfl Lights; For Common Area & Parking;  
 Conventional T5 Fixture With Electronic Ballast Vs Energy Efficient Led Lighting; For Common Area & Parking;  
 Energy Saving By Using Solar Lighting For External Lighting;  
 Energy Saving By Solar Lighting For Flat Lighting;  
 Energy Saving By Solar Water Heating

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

Serial Number	Energy Conservation Measures	Saving %
1	Conventional T5 Fixture With Electronic Ballast Vs Energy Efficient Cfl Lights; For Common Area & Parking.	0.12%
2	Conventional T5 Fixture With Electronic Ballast Vs Energy Efficient Led Lighting; For Common Area & Parking.	0.32%
3	Energy Saving By Using Solar Lighting For External Lighting	0.01%
4	Energy Saving By Solar Lighting For Flat Lighting	0.38%
5	Energy Saving By Solar Water Heating	17.12%

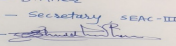
#### 50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	Capacity - Residential - 270 m3/day; Commercial - 40 m3/day
OWC	Not applicable	Total Area - 106m2 (Residential - 64m2; Commercial - 42m2)
DG Set	Not applicable	500KVA (1 no) & 625 KVA (1 no)
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 150.30 Lakhs
	<b>O &amp; M cost:</b>	Rs. 1Lakhs/Annum

#### 51.Environmental Management plan Budgetary Allocation

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

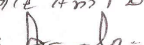
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression, air and noise monitoring	5.20
2	Water	Tanker water for construction, water monitoring	0.72
3	Land	Site Sanitation	5.00
4	Biological	Gardening	10.58
5	Socio-Economic	Safety, First Aid, Health Hygiene Facilities, Disinfection at site, Health Check Up, Crèches for children, Personal Protective Equipment, CFL lamps for labour hutments	1.40
6	Energy Conservation	CFL lamps for labour hutments	0.25

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

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water	STP	37.37	0.74
2	Solid waste	OWC	23.31	5.67
3	Environmental monitoring	--	--	0.53
4	Land	Gardening	81.66	5.40
5	Energy conservation	Solar water heating	150.30	1.00

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

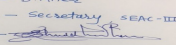
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

**53.Traffic Management**

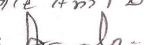
	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Project will confluent on 18m wide road and 02 junctions to main road
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	01 no. & 22,552.22 sqm
	<b>Total Parking area:</b>	22,998.69 sqm
	<b>Area per car:</b>	35 m <sup>2</sup>
	<b>Area per car:</b>	35 m <sup>2</sup>
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1296
	<b>Number of 4-Wheelers as approved by competent authority:</b>	800
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA

Name - S.D.Aher  
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	<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>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	18-02-2017

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Proposed Residential cum Commercial project at S. No 16A, 16B, 16C, 16KH, 16G, 16GH, 16D, 16CH, 16CHH, 16J, 16ZA, 16T, 16TH, 16P Baner by **M/s PRIDE PLATINUM**"

PP submitted their application for prior Environmental clearance for expansion of the previous EC having total plot area of 32850.94 Sq. Mtrs, BUA of 94404 Sq. Mtrs and FSI area of 47199 Sq. Mtrs.

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

### 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: March 21, 2018</b></p>	<p>Name: K. Anil Kale 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 above observations and submit information to the committee for further discussion and consideration of SEAC.**

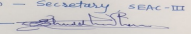
**Specific Conditions by SEAC:**

- 1) PP to submit six month compliance report.
- 2) PP to submit parking statement.
- 3) PP to submit revised DMP.
- 4) PP to submit section for sewage pumping so also submit the plan for same.
- 5) PP to submit revised design for STP.
- 6) PP to submit details of renewable energy with its calculation in the proposed development and area specification of terrace.
- 7) PP to submit NOC for drainage, CFO, Water supply, & E-Waste.
- 8) PP to submit site specific and executable EMP.
- 9) PP to submit Landscape plan including RG approved by concern authority.
- 10) 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.
- 11) PP to submit revised RWH plan.
- 12) PP to submit approved copy of layout for the amenity

**FINAL RECOMMENDATION**

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

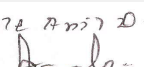

SEAC-AGENDA-0000100057

Name - S.D.Aher  
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Sign - 

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

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## 64 th meeting of SEAC-3 (Day-2)

SEAC Meeting number: 64 Meeting Date March 21, 2018

**Subject:** Environment Clearance for Proposed Commercial Project At S. No256/6/1 + 256/7 (PART), Village Hinjewadi, Tal. Mulshi, Dist. Pune, Maharashtra.

**Is a Violation Case:** No

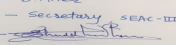
1.Name of Project	Proposed Commercial Project At S. No256/6/1 + 256/7 (PART), Village Hinjewadi, Tal. Mulshi, Dist. Pune, Maharashtra.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Prithviraj Solanke
4.Name of Consultant	VK:e environmental LLP
5.Type of project	Commercial project with shops and offices
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No256/6/1 + 256/7 (PART), Village Hinjewadi Tal. Mulshi, Dist. Pune, Maharashtra.
9.Taluka	Tal. Mulshi
10.Village	Hinjewadi
Correspondence Name:	Mr. Prithviraj Solanke
Room Number:	Office no 401
Floor:	Fourth floor
Building Name:	Marvel Aliana
Road/Street Name:	Lane No.5
Locality:	Koregaon Park
City:	Pune
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Under process IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	17450
16.Deductions	5683.29
17.Net Plot area	11766.71
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17754.42 b) Non FSI area (sq. m.): 8720.54 c) Total BUA area (sq. m.): 26474
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)	3154.34
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.80
21.Estimated cost of the project	728700000

## 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: March 21, 2018</b></p>	<p>Page 40 of 59</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	Wings A	B+G+8	35.15	
2	Wing B	2B+G+1	8.4	
<b>23.Number of tenants and shops</b>	Wing A- Shops: 17, Offices: 18, Gym and Canteen Wing B-Shops 6 and offices 3			
<b>24.Number of expected residents / users</b>	3702			
<b>25.Tenant density per hectare</b>	NA			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	30 m			
<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>	Old hotel structures to be demolished .			
<b>30.Details of the demolition with disposal (If applicable)</b>	Demolition waste will be used for site leveling and back filing .			
<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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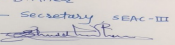
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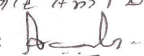
Dry season:	Source of water	Grampanchayat of Hinjewadi							
	Fresh water (CMD):	93 kld							
	Recycled water - Flushing (CMD):	74 kld							
	Recycled water - Gardening (CMD):	06 kld							
	Swimming pool make up (Cum):	00 kld							
	Total Water Requirement (CMD) :	173 kld							
	Fire fighting - Underground water tank(CMD):	200 kld							
	Fire fighting - Overhead water tank(CMD):	40 kld							
	Excess treated water	63 kld							
Wet season:	Source of water	Grampanchayat of Hinjewadi							
	Fresh water (CMD):	93 kld							
	Recycled water - Flushing (CMD):	74 kld							
	Recycled water - Gardening (CMD):	00 kld							
	Swimming pool make up (Cum):	00 kld							
	Total Water Requirement (CMD) :	167 kld							
	Fire fighting - Underground water tank(CMD):	200 kld							
	Fire fighting - Overhead water tank(CMD):	40 kld							
	Excess treated water	69 kld							
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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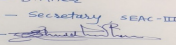
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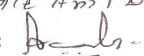
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	8 m pre monsoon and 6 m post monsoon
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	4
	<b>Size of recharge pits :</b>	1 m diameter x 1.8 m depth with maximum depth of bore well 60 m.
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 7,00,000/-
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 80,000/-
	<b>Details of UGT tanks if any :</b>	421.09 kld for entire project including fire tank.
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water collected through the storm water drains of adequate capacity will be led to 4 recharge pits. Surplus shall be discharged into nearby common municipal drains.
	<b>Quantity of storm water:</b>	421.28 m <sup>3</sup> /hr
	<b>Size of SWD:</b>	450 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	150 kld
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 STP of 150 kld capacity
	<b>Location &amp; area of the STP:</b>	Near OWC
	<b>Budgetary allocation (Capital cost):</b>	Rs. 47,50,000/-
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 8,91,000/-
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	20 kg/day due to labor camp
	<b>Disposal of the construction waste debris:</b>	Construction waste debris will be used for site leveling and backfilling.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	555.3 kg/day
	<b>Wet waste:</b>	370 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	30 kg/day
	<b>Others if any:</b>	E-waste 5 kg/day

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Authorized recyclers- SWaCH
	<b>Wet waste:</b>	On site OWC machine
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Dried sludge will be used as manure.
	<b>Others if any:</b>	E-waste will be handed over to authorized vendors.
<b>Area requirement:</b>	<b>Location(s):</b>	Near STP
	<b>Area for the storage of waste &amp; other material:</b>	12 Sq.m
	<b>Area for machinery:</b>	36 Sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 2,32,000/-
	<b>O &amp; M cost:</b>	Rs. 75,000/-

### 37. Effluent Characteristics

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

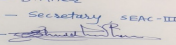
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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

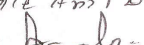
### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Near by Fuel station		
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>	1176.67 Sq.m
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	229
	<b>List of proposed native trees :</b>	Given below
	<b>Timeline for completion of plantation :</b>	Till completion of the project

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

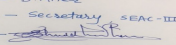
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	35	A medium to large size hardy tree which stand in drought conditions. Attain a much larger size in dry regions.Medicinal value.
2	Saraca indica	Sita Ashok	30	A small tree with dense foliage provides shade and attracts a variety of birds due to red flowers
3	Millingtonia hortensis	Indian cork tree	30	A columnar, evergreen tree, grows well in both dry and moist regions. Ornamental value
4	Lagerstromia flos-regineae	Tamhan	25	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate
5	Cassia fistula	Bahaya	30	Small deciduous tree. Excellent flowering tree for arid regions. Ornamental value
6	Mimosops elengi	Bakul	10	Medium sized evergreen tree with strong fragrance flowers.
7	Plumeria alba	Champa	35	Ornamental flowering tree
8	Michelia champaca	Sonchapha	25	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant

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

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

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

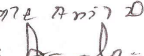
#### 47.Energy

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	53 kW
	<b>DG set as Power back-up during construction phase</b>	1 DG set of 60 kW.
	<b>During Operation phase (Connected load):</b>	3048 KW
	<b>During Operation phase (Demand load):</b>	2268 KVA
	<b>Transformer:</b>	4 nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	4 nos. x 600 KVA + 1 nos. x 300 KVA
	<b>Fuel used:</b>	LSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

- 1) External lighting with Astronomical time switch/ Photo Sensors which capable of auto operation of External Lighting.
  - 2) LPD to be maintained as per recommendation tables.
- Facade- 3 W/Sq.Mtr.

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

Serial Number	Energy Conservation Measures	Saving %
1	Street lighting load on LED	1.2 KW
2	Solar photovoltaic generation @ 1% connected load	20.5 KW

#### 50. Details of pollution control Systems

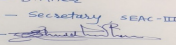
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 46,50,000/-
	<b>O &amp; M cost:</b>	Rs. 2,32,000/-

### 51. Environmental Management plan Budgetary Allocation

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

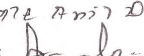
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water Environment	Water for Dust Suppression	0.80
2	Health and safety	Site Sanitation & Safety	4.20
3	Air, water, noise, soil	Environmental Monitoring	0.30
4	Health and safety	Disinfection	0.20

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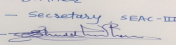
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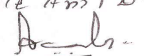
5	Health and safety	Health Check up	0.60				
<b>b) Operation Phase (with Break-up):</b>							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Water Environment	Rain Water Harvesting	7	0.80			
2	Water Environment	Sewage Treatment Plant	47.15	8.91			
3	Solid waste management	Organic Waste Composting	2.32	0.75			
4	Ecology and Landscape	Tree Plantation	2.94	0.23			
5	Energy	Energy saving	46.50	2.32			
6	Air, water, noise, soil	Environment Monitoring	-	0.80			
7	Water Environment	Laying of Storm & Sewer line up to final disposal point	20	2			
8	Air Environment and safety	Basement Ventilation	30	2			
<b>51.Storage of chemicals (inflamable/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 accessible from 30 m wide Phase 2 Road.					

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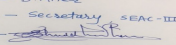
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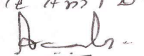
<b>Parking details:</b>	<b>Number and area of basement:</b>	2 level basement for wing B. Total area of basement is 6028.17 Sq.m
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	3666.80 Sq.m
	<b>Area per car:</b>	12.5 Sq.m
	<b>Area per car:</b>	12.5 Sq.m
	<b>Number of 2-Wheelers as approved by competent authority:</b>	561
	<b>Number of 4-Wheelers as approved by competent authority:</b>	181
	<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>	Category B (Building and construction projects)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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Environment Clearance for Proposed Commercial Project At S. No256/6/1 + 256/7 (PART), Village Hinjewadi, Tal. Mulshi, Dist. Pune, Maharashtra.by **Marvel Aliana**

PP submitted their application for prior Environmental clearance for total plot area of 17450 Sq. Mtrs, BUA of 26474 Sq. Mtrs and FSI area of 17754.42 Sq. Mtrs. PP proposes to construct 2 nos. of residential buildings.

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

### DECISION OF SEAC

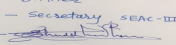
**PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.**

#### Specific Conditions by SEAC:

- 1) PP to resubmit Fire Tender Movement Plan showing clear road width of six meters and turning radius of nine meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, parking, walk way, service lines etc.
- 2) PP to submit water supply NOC.
- 3) PP to submit revised basement plan along with cross section, slope & radius.
- 4) PP to submit revised basement ventilation plan and parking statement for both the building.
- 5) PP to submit revised DMP along with cost.
- 6) PP to submit a plan for sewer connectivity up to final disposal
- 7) PP to submit cross sections of the plot boundary showing the Strom water drain, space left in between compound wall, tree plantation line, and internal road.

### FINAL RECOMMENDATION

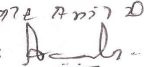
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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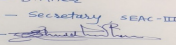
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**64 th meeting of SEAC-3 (Day-2)****SEAC Meeting number: 64 Meeting Date March 21, 2018****Subject:** Environment Clearance for Residential Project "Ace Almighty" at S.no. 86/6 & 86/7, Behind Indira Collage, Off.(NH-4) Mumbai - Bangalore Highway, Tathawade Pune - 411033 By M/s. Ace Almighty**Is a Violation Case:** No

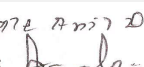

1.Name of Project	"Ace Almighty"
2.Type of institution	Private
3.Name of Project Proponent	Mr.Anup Jhamtani
4.Name of Consultant	VK:e environmental LLP
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.no. 86/6 & 86/7, Behind Indira Collage, Off.(NH-4) Mumbai - Bangalore Highway, Tathawade Pune - 411033
9.Taluka	Mulshi
10.Village	Tathawade
Correspondence Name:	Ace Almighty
Room Number:	Jhamtani House, S.no. 17/2, Opp. D Prabhag PCMC Bldg., Aundh - Ravet BRT Road, Rahatani Pune - 411017
Floor:	Jhamtani House, S.no. 17/2, Opp. D Prabhag PCMC Bldg., Aundh - Ravet BRT Road, Rahatani Pune - 411017
Building Name:	Jhamtani House, S.no. 17/2, Opp. D Prabhag PCMC Bldg., Aundh - Ravet BRT Road, Rahatani Pune - 411017
Road/Street Name:	Jhamtani House, S.no. 17/2, Opp. D Prabhag PCMC Bldg., Aundh - Ravet BRT Road, Rahatani Pune - 411017
Locality:	Aundh - Ravet BRT Road, Rahatani
City:	Pune
11.Area of the project	pcmc
12.IOD/IOA/Concession/Plan Approval Number	IOD received IOD/IOA/Concession/Plan Approval Number: Sanctioned No. B.P./ENV/Tathwade/06/2017 Approved Built-up Area: 37444
13.Note on the initiated work (If applicable)	3 Residential buildings exists on site as per sanction received
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	13420
16.Deductions	Deductions : 882.1 m2 Net Gross area of the plot :12537.90 m2 Open space: 1253.79 m2 Net Plot area: 11284.11 m2
17.Net Plot area	11284.11 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 18,034.95 m2 b) Non FSI area (sq. m.): 19,409.05 m2 c) Total BUA area (sq. m.): 37444
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)	2498.88
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22 %

Name - S.D.Aher  
Designation - Secretary SEAC-III  
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21. Estimated cost of the project	725000000
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## 22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A (Commercial)	G+5	20.4
2	Building B (Alfa)	P+11	33
3	Building C (Omega)	P+11	33
4	Building D (Beta)	P+11	33
5	Building E (Gamma)	BP+2P+9	36
6	Building F (Delta) with shops	BP+G/2P+9	36

23. Number of tenants and shops	No. of tenements : 253 flats Total No. of shops & offices: 13 shops & 70 offices (7 shops & 58 offices in commercial building A with and 6 shops and 12 offices in residential building F) Residential Tenants: 1265 Commercial Tenants: 595
24. Number of expected residents / users	Residential Tenants: 1265, Commercial Tenants: 595
25. Tenant density per hectare	188 Tenements/hectare, 942 Tenants/hectare
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	12m
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m
29. Existing structure (s) if any	3 Residential buildings exists on site
30. Details of the demolition with disposal (If applicable)	NA

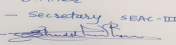
## 31. Production Details

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

## 32. Total Water Requirement

<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: March 21, 2018</b></p>	<p><b>Page 51 of 59</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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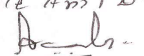
Dry season:	Source of water	PCMC							
	Fresh water (CMD):	132							
	Recycled water - Flushing (CMD):	66							
	Recycled water - Gardening (CMD):	7							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	205							
	Fire fighting - Underground water tank(CMD):	250							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	69							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	132							
	Recycled water - Flushing (CMD):	66							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	198							
	Fire fighting - Underground water tank(CMD):	250							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	76							
Details of Swimming pool (If any)	Not applicable								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Name - S.D.Aher  
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 Sign - 

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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Level of ground water table: Pre monsoon : 10.40 m bgl Post monsoon : 6.80 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>	7	
	<b>Size of recharge pits :</b>	Existing 1 m x 1 m x 1 m Depth 40 meter, proposed 2 m x 2 m x 2 m Depth 60 meter	
	<b>Budgetary allocation (Capital cost) :</b>	4,96,000/-	
	<b>Budgetary allocation (O &amp; M cost) :</b>	35000/-	
	<b>Details of UGT tanks if any :</b>	UGT- Residential : 420 cum Commercial: 17.6 cum	
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits.	
	<b>Quantity of storm water:</b>	Quantity of roof top rain water: 34.39 m3/day	
	<b>Size of SWD:</b>	600 mm	
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	158	
	<b>STP technology:</b>	MBBR	
	<b>Capacity of STP (CMD):</b>	175	
	<b>Location &amp; area of the STP:</b>	Above Ground	
	<b>Budgetary allocation (Capital cost):</b>	Rs. 40,15,000/-	
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 13,00,000/-	
<b>36.Solid waste Management</b>			
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	30	
	<b>Disposal of the construction waste debris:</b>	It will be used for leveling the site.	
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Waste generation in the operation Phase : Total Dry waste: 342 kg/day, Residential buildings: Total Dry waste : 253 kg/day , Commercial buildings: Dry waste : 89 kg/day	
	<b>Wet waste:</b>	Waste generation in the operation Phase :Wet waste: 439 kg/day, Residential buildings: Wet waste : 379 kg/day, Commercial buildings : Wet waste: 60 kg/day	
	<b>Hazardous waste:</b>	NA	
	<b>Biomedical waste (If applicable):</b>	NA	
	<b>STP Sludge (Dry sludge):</b>	24	
	<b>Others if any:</b>	E - waste (Kg/month) : 0.8 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>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Above ground
	<b>Area for the storage of waste &amp; other material:</b>	12 sqm
	<b>Area for machinery:</b>	48 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	14,75,000/-
	<b>O &amp; M cost:</b>	3,15,000/-

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

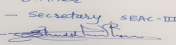
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39. Stacks emission Details

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

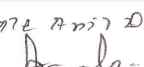

### 40. Details of Fuel to be used

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

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1. Required RG area on virgin land - 1253.79 m2 (10% of net plot area) 2. Provided Total green area - 1425.65 m2 2.1 Lawn area:837.60 m2 2.2 Shrub bed area: 588.05 m2 Total Landscape area: 1425.65 m2
	<b>No of trees to be cut :</b>	-
	<b>Number of trees to be planted :</b>	Trees required to be planted on site: 157 nos. Trees Already planted on site: 48 nos. New Proposed trees on site: 112 nos Total trees: 160 nos.
	<b>List of proposed native trees :</b>	Mentioned 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

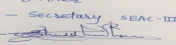
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	15	A medium to large size hardy tree which stand in drought conditions. Attain a much larger size in dry regions. Medicinal value.
2	Saraca indica	Sita Ashoka	16	A Small tree with dense foliage provides shade and attracts a variety of birds due to red flowers.
3	Millingtonia hortensis	indian cork tree	12	A columnar , evergreen tree , grows well in both and moist regions. Ornamental value
4	Lagerstromia flos-regineae	Tamhan	15	State flower tree of maharashtra medium sized tree , beautiful purple flowers , grows well in both dry and humid climate
5	Casia fistula	Bahava	12	Small deciduous tree. Excellent flowering tree for arid regions. Ornamental value.
6	Mimosoups elengi	Bakul	10	Medium sized evergreen tree with strong fragrance flowering
7	Plumeria alba	Champa	11	Ornamental flowering tree
8	Michella champaca	Sonchapha	18	Medium sized evergreen tree , fragrant yellow flowers ,Butterfly host plant
9	Syzygium cumini	Jambhul Tree	04	A large size tree with dense foliage provides shade along road

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

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

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

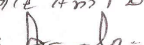
#### 47.Energy

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	15 KW
	<b>DG set as Power back-up during construction phase</b>	25 kvA
	<b>During Operation phase (Connected load):</b>	2036.53 KW
	<b>During Operation phase (Demand load):</b>	995.12 KW
	<b>Transformer:</b>	630 kvA X 2 no.
	<b>DG set as Power back-up during operation phase:</b>	For residential buildings: 1 no. of 125kvA Commercial Building A: 1 no. 40 kvA Commercial Building F: 1 no. of 25 kvA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

- Energy efficient LED fixtures are proposed for bracket lights provided of all buildings.
- LED lighting fixtures are proposed for general lighting for common passages, staircase & terrace area.
- The estimated saving in common area lighting consumption is up to 6.30% due to adopting above measures.
- Solar Heating System is being proposed for Hot water to be used in Toilets of each apartment.
- V3F drive motors should be used for lifts, which saves 30% energy consumption.

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

Serial Number	Energy Conservation Measures	Saving %
1	SOLAR WATER HEATING SYSTEM +SOLAR PV PANELS+ LIGHT FITTING TYPE AND TIMER SAVINGS ( FOR COMMON AREA)	28%

#### 50. Details of pollution control Systems

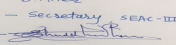
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Solar PV -Total Capital Cost :Rs. 10,00,000/- , Solar Hot Water System -63,25,000/-, Energy Saving Features -Rs. 2,62,050/-
	<b>O &amp; M cost:</b>	Solar PV -Rs.50,000/- , Solar Hot Water System:Rs. 2,53,000/- , Energy Saving Features :Rs.13,103/-

### 51. Environmental Management plan Budgetary Allocation

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

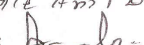
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air environment	Erosion control - dust suppression measures, barricading and top soil preservation	13,65,140/-

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2	Land	Labour Camp toilets & sanitation	7,20,000/-
3	Health and safety	Labour Safety Equipment's and training	6,00,000/-
4	Environment	Environmental Monitoring	1,85,600/-
5	Health and safety	Disinfection and Health Check-ups	51,000/-
6	Environmental Management	Environmental Monitoring Cell	1,70,000/-

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	1 stp	40,15,000/-	13,00,000/-
2	Solid waste management	1 owc	14,75,000/-	3,15,000/-
3	Landscaping	development and maintenance of green area	3,13,250/-	25,060/-
4	Rain water harvesting	recharge pits	4,96,000/-	35,000/-
5	Environmental Monitoring	air, water, noise, soil, waste water, owc manure	-	1,82,500/-
6	Solar Hot Water System	Solar Hot Water System	63,25,000/-	2,53,000/-
7	Solar PV	Solar PV	10,00,000/-	50,000/-
8	Energy Saving Features	Energy Saving Features	2,62,050/-	13,103/-

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

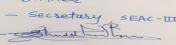
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

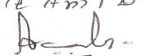
Nos. of the junction to the main road & design of confluence:	Proposed site is located at Tathawade. The road network within the site has been designed to cater to the traffic loads of the project. Internal driveways are 6 m wide.
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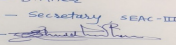
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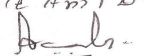
<b>Parking details:</b>	<b>Number and area of basement:</b>	1 no/ of basement in two buildings
	<b>Number and area of podia:</b>	-
	<b>Total Parking area:</b>	8775.40 sqm
	<b>Area per car:</b>	30
	<b>Area per car:</b>	30
	<b>Number of 2-Wheelers as approved by competent authority:</b>	686
	<b>Number of 4-Wheelers as approved by competent authority:</b>	187
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m driveway
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	B. Building and Construction project
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Proposed project consists of 5 residential building having 253 flats & 1 commercial building with 7 shops & 58 offices and 6 shops and 12 offices in residential building F.
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

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

Environment Clearance for Residential Project "Ace Almighty" at S.no. 86/6 & 86/7, Behind Indira Collage, Off.(NH-4) Mumbai - Bangalore Highway, Tathawade Pune - 411033 By **M/s. Ace Almighty.**

PP submitted their application for prior Environmental clearance for total plot area of 11284.11 Sq. Mtrs, BUA of 37444 Sq. Mtrs and FSI area of 18034.95 Sq. Mtrs. PP proposes to construct 6 nos. of residential & commercial buildings.

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

## DECISION OF SEAC

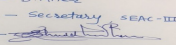
**PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.**

### Specific Conditions by SEAC:

- 1) PP to resubmit Fire Tender Movement Plan showing clear road width of six meters and turning radius of nine meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, parking, walk way, service lines etc
- 2) PP to submit water supply NOC.
- 3) PP to submit cross section of connecting bridge of two building.
- 4) PP to submit revised STP design
- 5) PP to submit parking layout plan. Along with cross section of internal road & buildings
- 6) PP to submit cross section of all buildings.
- 7) PP to submit parking area statement as per DCR.
- 8) PP to submit cross section of basement showing width and slope of ramp and details of basement parking.
- 9) PP to submit details of basement parking
- 10) PP to submit basement ventilation plan.
- 11) PP to submit NOC for water supply, drainage and for disposal of solid waste.
- 12) PP to submit CFO NOC for building A,E&F.
- 13) PP to shift underground water tank, keeping minimum distance from compound wall.
- 14) PP to submit a mitigation plan to avoid inconvenience to the existing occupants due to the proposed work.
- 15) PP to submit plan showing the alignment of storm water drain arrangement up to final disposal point, by proposing adequate SW drain in layout with details of final chamber, if NOC from highway authority is required then the same shall be obtained.
- 16) PP to submit architect certificate for completed construction on site.

## FINAL RECOMMENDATION

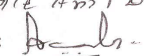
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

Name - S.D.Aher  
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