

## Agenda for 65 th (A)meeting of SEAC-3.

**SEAC Meeting number: 65 Meeting Date June 7, 2018**

**Subject:** Environment Clearance for Proposed construction project S. No. 37, H.No. 35, 35/1, 37A, 40, 31(P), Kondhwa Khurd, Tal. Haveli, Dist. Pune, Maharashtra

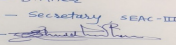
**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed construction project S. No. 37, H.No. 35, 35/1, 37A, 40, 31(P), Kondhwa Khurd, Tal. Haveli, Dist. Pune, Maharashtra
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s Royal Builders
<b>4.Name of Consultant</b>	MITCON Consultancy & Engineering Services Ltd. Agriculture College Campus, Next to DIC office, Shivajinagar, Pune 411 005, Maharashtra (India)
<b>5.Type of project</b>	Housing project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	S. No. 37, H.No. 35, 35/1, 37A, 40, 31(P)
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Kondhwa Khurd
<b>Correspondence Name:</b>	Mr. Ali Asgar Ismail Icecreamwala
<b>Room Number:</b>	M/s Royal Builders Office No. 16&17
<b>Floor:</b>	Ground floor
<b>Building Name:</b>	Dorabjee enclave
<b>Road/Street Name:</b>	Salunke Vihar road
<b>Locality:</b>	Kondwa
<b>City:</b>	Pune
<b>11.Area of the project</b>	Pune Municipal Corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Applied <b>IOD/IOA/Concession/Plan Approval Number:</b> Applied <b>Approved Built-up Area:</b> 22878.672
<b>13.Note on the initiated work (If applicable)</b>	Construction done till date 13111.99 Sq.M. which is in accordance with sanction /NA order No. PMH/NA/SR/473/2012 received from Pune Municipal Corporation.
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Applied
<b>15.Total Plot Area (sq. m.)</b>	12800.00 Sq.m.
<b>16.Deductions</b>	4479.477 Sq.m.
<b>17.Net Plot area</b>	8320.523 Sq.m.
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 13771.886 Sq.m. <b>b) Non FSI area (sq. m.):</b> 9106.786 Sq.m. <b>c) Total BUA area (sq. m.):</b> 22878.672
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> <b>Approved Non FSI area (sq. m.):</b> <b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	1596.724 Sq.m.
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	20%
<b>21.Estimated cost of the project</b>	369300000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b></p>	<p><b>Page 1 of 61</b></p>	<p><b>Name:</b> K. Anil Kale <b>Signature:</b> </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
--	--	----------------------------	--

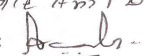
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	P+11	34.80	
2	Building B	P+11	34.80	
3	Building C	P+13	40.60	
4	Building D	G+2	11.95	
5	Building D	G+2	11.95	
6	Building D	G+2	11.95	
<b>23.Number of tenants and shops</b>	Existing 86 nos + Proposed 104 nos = 190 nos.			
<b>24.Number of expected residents / users</b>	970 nos			
<b>25.Tenant density per hectare</b>	149 / hector			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	12 M road from nearest fire station Kondwa to proposed project			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Minimum 9 meter			
<b>29.Existing structure (s) if any</b>	Construction done till date 13111.99 Sq.M. which is in accordance with sanction /NA order No. PMH/NA/SR/473/2012 received from Pune Municipal Corporation.			
<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)**

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 2 of 61**

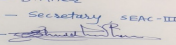
Name: K. Anil Kale  
 Signature: 

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

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	85.9
	Recycled water - Flushing (CMD):	43.3
	Recycled water - Gardening (CMD):	15
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	144.2
	Fire fighting - Underground water tank(CMD):	60
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	62.7
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	85.9
	Recycled water - Flushing (CMD):	43.3
	Recycled water - Gardening (CMD):	15
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	129.2
	Fire fighting - Underground water tank(CMD):	60
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	77.7
Details of Swimming pool (If any)	NA	

### 33.Details of Total water consumed

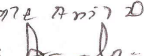

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	38.7	47.2	85.9	3.87	4.72	8.59	34.83	42.48	77.31
Domestic	19.35	23.9	43.25	0	0	0	19.35	23.9	43.25
Domestic	5	10	15	5	10	15	0	0	0

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

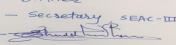
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 3 of 61**

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

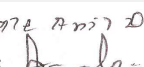

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Confined aquifers 10 m to 24 m below ground level
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	3 nos.
	<b>Size of recharge pits :</b>	2.0 Mtr. x 2.0 Mtrs. 3.0 Mtrs. Depth
	<b>Budgetary allocation (Capital cost) :</b>	5.0 Lac
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.50 Lac/annum
	<b>Details of UGT tanks if any :</b>	f.f. ug tank-60000 lit.
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Overflow/surplus water from the recharge pit will be discharged into storm water drainage
	<b>Quantity of storm water:</b>	420 m3/hr considering maximum 55 mm rains in an hour
	<b>Size of SWD:</b>	450 mm wide gutter
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	121 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	STP 1: 35 m3/day, STP 2:100 m3/day,
	<b>Location &amp; area of the STP:</b>	STP 1: 35 m3/day near building A, STP 2:100 m3/day near open space,
	<b>Budgetary allocation (Capital cost):</b>	30 Lac
	<b>Budgetary allocation (O &amp; M cost):</b>	7.20 Lac/annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Total quantity of excavation- 2081.36 cum; Quantity of backfill from excavated earth- 1325.1 cum (Hard murum); Quantity of earthwork used in site leveling/reclamation- 756.26 cum (Soft murum +Top soil)
	<b>Disposal of the construction waste debris:</b>	Excavated soil & murum will be used for landscaping, roads & backfilling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	97.0 kg/day
	<b>Wet waste:</b>	291.0 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	15 kg/day
	<b>Others if any:</b>	NA

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 4 of 61**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recycler for further handling & disposal purpose.
	<b>Wet waste:</b>	Through Organic Waste Composter. Generated manure will be used for gardening.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure for landscape development
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Near open space
	<b>Area for the storage of waste &amp; other material:</b>	Area for solid waste collection & composting is 25 sq.m.
	<b>Area for machinery:</b>	Area for organic waste converter is 25 sq.m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	7.0 Lac
	<b>O &amp; M cost:</b>	2.0 Lac/annum

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

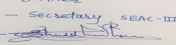
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 nos. x 82.5 KVA	18.8 Lit/hr	1	3 Mtrs	0.200	500 °C
2	1 nos. x 125 KVA	27.5 Lit/hr	1	3.5 Mtrs	0.200	553 °C

### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD for DG Set backup	18.8 Lit/hr	27.5 Lit/hr	46.3 Lit/hr

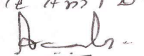

41. Source of Fuel	Authorized Vendors
--------------------	--------------------

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

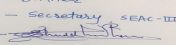
**Page 5 of 61**

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

42.Mode of Transportation of fuel to site		Road
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2294.550 Sq.m.
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	116 nos. Planted + 58 nos. Proposed = Total 174 nos.
	<b>List of proposed native trees :</b>	As below
	<b>Timeline for completion of plantation :</b>	At the time of completion of project

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

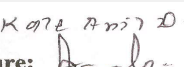
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Eucalyptus	Nilgiri	3	Tall tree, Medicinal, use as timber
2	Azadirachta indica	Neem	14	Large tree, good for roadside plantation
3	Leucaena leucocephala	Subabul	7	Small fast-growing, firewood, livestock fodder.
4	Spathodia campanulata	African tulip	3	Ornamental tree
5	Thevetia peruviana	Yellow oleander	15	Ornamental tree, It tolerates most soils and is drought tolerant.
6	Bauhinia purpurea	Butterfly tree	22	Small to medium-sized deciduous fast growing
7	Terminalia mantaly	Madagascar almond	3	Good shade tree, often being grown as an ornamental tree
8	Ficus benjamina	Weeping fig	3	evergreen tree, small fruit are a favorite food of some birds
9	Roystonea regia	Royal palm	7	Ornamental, The fruit is eaten by birds and bats
10	Dalbergia sissoo	Sissoo	13	medium to large deciduous tree, timber tree
11	Callistemon viminalis	Bottle brush	11	Ornamental, planted in garden & temples
12	Plumeria rubra	Frangipani	15	deciduous plant, popular garden and park plant
13	Existing trees Plantation done	-	116	-
14	Roystonea regia	Royal palm	24	Ornamental, The fruit is eaten by birds and bats
15	Thevetia peruviana	Yellow oleander	7	Ornamental tree, It tolerates most soils and is drought tolerant.
16	Spathodia campanulata	African tulip	9	spectacular flowering trees, road plantation , shade tree
17	Achras sapota	Chikoo	12	Edible fruit bearing tree, attract birds
18	Bauhinia purpurea	Butterfly tree	3	Small to medium-sized deciduous fast growing

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 6 of 61**

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

19	Plumeria rubra	Frangipani	3	deciduous plant, popular garden and park plant
20	Proposed trees	-	58	-
21	Total no. of trees	-	174	-

**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**

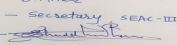
<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	33 KW
	<b>DG set as Power back-up during construction phase</b>	1 nos. x 40 KVA
	<b>During Operation phase (Connected load):</b>	Existing -757 KW , Proposed - 594 KW
	<b>During Operation phase (Demand load):</b>	Existing - 341 KW, Proposeed- 265 KW
	<b>Transformer:</b>	1 X 630 KVA & 1 X 315 KVA
	<b>DG set as Power back-up during operation phase:</b>	Existing 1 nos. x 82.5 KVA, Proposed 1 nos. x 125 KVA (for common services)
	<b>Fuel used:</b>	HSD for DG Set backup: Existing 18.8 Lit/hr, Proposed 27.5 Lit/hr - Total 46.3 Lit/hr
	<b>Details of high tension line passing through the plot if any:</b>	132KV at 13.5m distance between proposed building C and center of ht line- NOC received

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

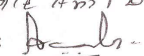
OFF GRID Solar PV SYSTEM FOR C - BUILDING LIFT LOBBIES, STAIRCASE & PARKING LEVELS - 1.5 - kW  
 SOLAR ENERGY STREET LIGHT OFF GRID Solar PV SYSTEM FOR EACH BUILDING - 1.5 kW  
 Energy saving by solar water heater annual saving - 332310 KWH

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

Serial Number	Energy Conservation Measures	Saving %
1	Low power high efficiency T5/LED lights for Parking & Lobby Area.	6938 KWH
2	Low power high efficiency CFL/LED lights in Land-scuae.	3022 KWH
3	Low power high efficiency CFL/LED lights in Street lights.	3854 KWH
4	Energy saving by solar water heater.	332310 KWH
5	Total of all Savings for ( per year )	346125 KWH
6	Total of all Savings for ( per Day )	948 KWH

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

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

**Page 7 of 61**



7	Total Energy Consumption With Energy Saving Measure = Demand Load x 24 Hrs	6374 KWH
8	Percentage Saving.	8.0 %

### 50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Sewage Treatment Plant	Sewage Treatment Plant
Solid waste	Organic Waste Composter	Organic Waste Composter
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10.0 Lac
	O & M cost:	2.0 Lac/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 and barricading top soil preservation	1.0
2	Sanitation	Site Sanitation & Toilets	2.5
3	Monitoring- air, water, soil, noise	Environmental Monitoring	1.25
4	Health	Disinfection & Health Check ups	1.25
5	safety	Labour safety equipment	0.50
6	Total	-	6.50

#### 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	Rain Water Harvesting	5.0	0.50
2	Waste water	Sewage Treatment Plant	30.0	7.20
3	Solid waste	Organic Waste Composting	7.0	2.0
4	Plantation	Tree Plantation	5.0	1.0
5	Energy	Energy saving	10.0	2.0
6	Monitoring- air, water, soil, noise	Environment Monitoring	-	1.25
7	Total	-	57.0	13.95

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign 	<b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b>	Name: K. Anil Kale Signature: 
<b>S.D.Aher (Secretary SEAC-III)</b>		<b>Shri. Anil Kale (Chairman SEAC-III)</b>
		<b>Page 8 of 61</b>



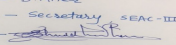
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

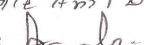
	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	3549.50 Sq.m.
	Area per car:	12.5 Sq.m.
	Area per car:	12.5 Sq.m.
	Number of 2-Wheelers as approved by competent authority:	411 nos
	Number of 4-Wheelers as approved by competent authority:	200 nos.
	Public Transport:	Available
	Width of all Internal roads (m):	Minimum 6 m proposed
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) Building and Construction projects
	Court cases pending if any	NA
	Other Relevant Informations	NA

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 9 of 61**

Name: K. Anil Kale  
Signature: 

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	03-02-2017

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Proposed construction project S. No. 37, H.No. 35, 35/1, 37A, 40, 31(P), KondhwaKhurd, Tal. Haveli, Dist. Pune, Maharashtra by **M/s Royal Builders.**

PP submitted their application for prior Environmental clearance for total plot area of 12800Sq. Mtrs, BUA of 22878.672Sq. Mtrs and FSI area of 13771.886Sq. Mtrs. PP proposes to construct 6 no. residential building.

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

### DECISION OF SEAC

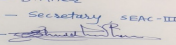
***SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.***

**Specific Conditions by SEAC:**

- 1) PP to submit architect certificate for area constructed at site.
- 2) PP to submit NOC from tree authority and submit revise plan showing all the existing trees.
- 3) PP to submit revise parking statement also submit comparative statement.
- 4) PP to submit indemnity bond for project land.
- 5) PP to submit debris management plan.
- 6) PP to submit an undertaking for sustainable water supply.
- 7) PP to submit details of socioeconomic infrastructure near project vicinity.

### FINAL RECOMMENDATION

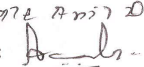
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 10 of 61**

Name: K. Anil Kale  
Signature: 

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

## Agenda for 65 th (A)meeting of SEAC-3.

**SEAC Meeting number: 65 Meeting Date June 7, 2018**

**Subject:** Environment Clearance for Proposed building construction project

**Is a Violation Case:** No

<b>1.Name of Project</b>	'Eves Garden'
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. Sancheti Properties (Mr. Kishor Sancheti)
<b>4.Name of Consultant</b>	Sneha Hi-Tech products
<b>5.Type of project</b>	Housing Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion in existing project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Obtained Environmental Clearance on 6th Oct. 2015 for total built-up area of 53,505.06 m2 .
<b>8.Location of the project</b>	S. No. 34/1A/1
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Keshav Nagar, Mundhwa
<b>Correspondence Name:</b>	Mr. Kishor Sancheti
<b>Room Number:</b>	401,
<b>Floor:</b>	--
<b>Building Name:</b>	Renata Chambers,
<b>Road/Street Name:</b>	N. C. Phadke Chowk,
<b>Locality:</b>	2145, Sadashiv Peth,
<b>City:</b>	Pune- 411030.
<b>11.Area of the project</b>	Previously it was in PMRDA, now it comes under PMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Our plan was approved for the area of 26,719.11 m2 on dated 19th January 2015. Now the application for revised sanction was made.
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Earlier Plan Approval number PMN/NA/SR/520/14. Revised sanction yet to approve.
	<b>Approved Built-up Area:</b> 53505.06
<b>13.Note on the initiated work (If applicable)</b>	7 nos. of building were already constructed on site as per EC obtained in 2015. Building D is completed up to 8 floors.
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	NA
<b>15.Total Plot Area (sq. m.)</b>	23000 m2
<b>16.Deductions</b>	646.36 m2
<b>17.Net Plot area</b>	22353.64 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 27772.45 m2
	<b>b) Non FSI area (sq. m.):</b> 27854.81 m2
	<b>c) Total BUA area (sq. m.):</b> 55627.26
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	3,462.41 m2
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	15.05 %
<b>21.Estimated cost of the project</b>	50000000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b></p>	<p><b>Page 11 of 61</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
--	--	---------------------------------	--

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg. A	P+Stilt+9 Floors	31.79 m
2	Bldg. B1	LP+UP+11 Floors	35.95 m
3	Bldg. B2	LP+UP+11 Floors	35.95 m
4	Bldg. B3	LP+UP+11 Floors	35.95 m
5	Bldg. B4	LP+UP+11 Floors	35.95 m
6	Bldg. C1	LP+UP+11 Floors	35.95 m
7	Bldg. C2	LP+UP+11 Floors	35.95 m
8	Bldg. D	LP+UP+11 Floors	35.95 m
9	Bldg. E	LP+UP+5 Floors	20.24 m

<b>23.Number of tenants and shops</b>	Total tenants: 499 Nos., Shops: 11
<b>24.Number of expected residents / users</b>	Residential users: 2495 persons ; Commercial users: 82
<b>25.Tenant density per hectare</b>	450 Tenant/Hector
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	9 m wide DP road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	7 nos. of building were already constructed on site as per EC obtained in 2015. Building D is completed up to 8 floors.
<b>30.Details of the demolition with disposal (If applicable)</b>	No , The project does not involve any demolition work

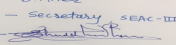
### 31.Production Details

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

### 32.Total Water Requirement

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
	<p><b>Page 12 of 61</b></p>	

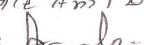
Dry season:	Source of water	Earlier: Grampanchayat/ PMRDA , Current: PMC							
	Fresh water (CMD):	227 m3/day							
	Recycled water - Flushing (CMD):	114 m3/day							
	Recycled water - Gardening (CMD):	11 m3/day							
	Swimming pool make up (Cum):	Nil							
	Total Water Requirement (CMD) :	352 m3/day							
	Fire fighting - Underground water tank(CMD):	250 m3							
	Fire fighting - Overhead water tank(CMD):	As per Fire NOC							
	Excess treated water	193 m3/day							
Wet season:	Source of water	Earlier: Grampanchayat/ PMRDA , Current: PMC							
	Fresh water (CMD):	227 m3/day							
	Recycled water - Flushing (CMD):	114 m3/day							
	Recycled water - Gardening (CMD):	Nil							
	Swimming pool make up (Cum):	Nil							
	Total Water Requirement (CMD) :	341 m3/day							
	Fire fighting - Underground water tank(CMD):	250 m3							
	Fire fighting - Overhead water tank(CMD):	As per Fire NOC							
	Excess treated water	193 m3/day							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 13 of 61**

Name: K. Anil Kale  
 Signature: 

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

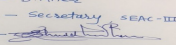
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season - 18.67 m. to 23.23 m. BGL. (20.35 M. Average), Rainy Season - 7.67 m. to 13.13 m BGL. (10.40 M. Average), Winter Season - 13.17 m. to 18.18 m. BGL. ( 15.68 M. Average)
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	Total 11 Nos. (9 existing & 2 proposed)
	<b>Size of recharge pits :</b>	a) 7 Nos. of 2.0 m. x 2.0 m. x 2.0 m. (Existing) b) 1 Nos. of 3.0 m. x 3.0 m. x 3.0 m. (Existing) c) 3 Nos. of 4.5 m. x 1.5 m. x 2.0 m.(Proposed)
	<b>Budgetary allocation (Capital cost) :</b>	Rs.13.74 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs.1.8 Lakhs/annum
	<b>Details of UGT tanks if any :</b>	Fire Tank: 2 tanks with 125 m3 capacity Domestic water Tank: 329 m3 Flushing water Tank: 115 m3

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	As per Contour
	<b>Quantity of storm water:</b>	822.25 m3/hr
	<b>Size of SWD:</b>	Diameter : 600 mm

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	318 m3/day
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	1 STP of 320 m3/day
	<b>Location &amp; area of the STP:</b>	On Ground
	<b>Budgetary allocation (Capital cost):</b>	Rs. 60 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 22 Lakhs/annum

### 36.Solid waste Management

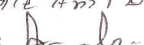
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	12.5 kg/day by labourers
	<b>Disposal of the construction waste debris:</b>	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of excavation soil will be used for backfilling and remaining will be hand over to authorize vendor .
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	457 kg/day
	<b>Wet waste:</b>	686 kg/day
	<b>Hazardous waste:</b>	Negligible
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	30 kg/day
	<b>Others if any:</b>	E-waste: Negligible

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 14 of 61**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recycler for further handling and disposal.
	<b>Wet waste:</b>	Will be converted to compost using Organic Waste Converter [OWC].
	<b>Hazardous waste:</b>	Handed over to authorized vendor
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for gardening
	<b>Others if any:</b>	E waste: Sale to authorized vendor
<b>Area requirement:</b>	<b>Location(s):</b>	On Ground
	<b>Area for the storage of waste &amp; other material:</b>	35 m <sup>2</sup>
	<b>Area for machinery:</b>	35 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 25 Lakhs
	<b>O &amp; M cost:</b>	Rs. 6 Lakhs/Annum

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

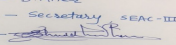
### 39. Stacks emission Details

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

### 40. Details of Fuel to be used

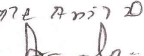
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

Name: K. Anil Kale  
Signature: 

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

Page 15 of 61



<b>43.Green Belt Development</b>	<b>Total RG area :</b>	On Ground; 2899.96 m2, Raised Garden: 400.56 m2, Total: 3,300.52 m2.
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	5
	<b>List of proposed native trees :</b>	All native trees proposed which are listed below.
	<b>Timeline for completion of plantation :</b>	98% of required trees were already plated on site while remaining 2 % will be planted before completion of project.

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

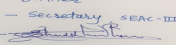
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca asoka	Sita Ashok	12	Shady tree with red-yellow flowers
2	Bauhinia purpurea	Rakta kanchan	16	Fast growing flowering plant, butterfly host plant, Suitable for avenue planting
3	Azadiracta indica	Neem	30	Evergreen fast growing shady tree
4	Cassia fistula	Bahava	30	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
5	Michelia chamapca	Sonchafa	54	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
6	Tabebuia avellanadae	Tabebuia pink	22	Large deciduous flowering tree.
7	Langerstroemia indica	Crape Myrtle	30	Flowering bird attracting tree
8	Cocos nucifera	Coconut	07	Tall tree bearing woody fruit
9	Plumeria alba	Chafa	09 + 05	Evergreen ornamental tree
10	Mangifera indica	Mango	20	Fruit bearing, evergreen & commercial value
11	Psidium guajava	Guava	25	Fruit bearing , Ever green
12	Manikara cumini	Chikku	25	Fruit bearing , Ever green
13	NA	TOTAL	285	NA

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

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

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

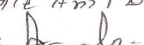
#### 47.Energy

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 16 of 61**

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

<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra State Electricity Distribution Company Ltd (MSEDCL)
	<b>During Construction Phase: (Demand Load)</b>	75 KW
	<b>DG set as Power back-up during construction phase</b>	1 nos. x 40 KVA
	<b>During Operation phase (Connected load):</b>	2,423 KVA
	<b>During Operation phase (Demand load):</b>	1,225 KVA
	<b>Transformer:</b>	2 nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 nos. x 180 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:

- ? Solar water heating for minimum 20%
- ? Equipment efficiency standards
- ? Lighting controls to be controlled by photo sensor or time switch
- ? Interior lighting power to be within specific limits
- ? Maximum allowable power loss from transformer
- ? Power factor be maintained between 0.95 and unity
- ? Check metering
- ? Power distribution system losses to be maintained less than 1 %

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	4,050 KWH / Annum
2	Timer Logic Controller	93,517 KWH / Annum
3	Electronic V3F drive for Lifts	39,210 KWH / Annum
4	Solar Water Heater	6,94,608 KWH / Annum
5	TOTAL	8,31,385 KWH / Annum

#### 50. Details of pollution control Systems

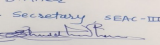
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 86.63 Lakhs
	<b>O &amp; M cost:</b>	Rs. 3.13 Lakhs/Annum

### 51. Environmental Management plan Budgetary Allocation

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

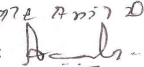

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
---------------	------------	-----------	------------------------------------

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 17 of 61**

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

1	To control air pollution	Water For Dust Suppression	2
2	To maintain hygienic condition	Site Sanitation & Safety	1.5
3	Air, water, noise and soil analysis	Environmental Monitoring	2
4	To check fitness of workers	Health Check Up	2
5	To maintain hygiene	Disinfection	1.5
6	To prepare team for environmental management	Environment Management cell	1.6
7	NA	TOTAL	10.6

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

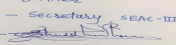
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	To harvest rain water	13.74	1.8
2	Sewage Treatment Plant	To treat sewage	60	22
3	Organic Waste Composting	To treat biodegradable solid waste	25	6
4	Tree Plantation	For green belt development	52	15
5	Energy saving	For use of solar lighting and solar heater	86.63	3.13
6	Environment Monitoring	Air, water, noise and soil analysis	--	3
7	Laying of Storm line up to final disposal point	For proper storm water disposal	70	10.5
8	Laying of Sewer line up to final disposal point	For proper disposal of sewage	57	8.55
9	Environment Management Cell	To manage environmental issues	--	7.8
10	NA	TOTAL	364.37	77.8

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

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

### 52.Any Other Information

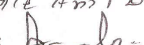
No Information Available

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 18 of 61**

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

### 53.Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Site is near to Manjari Road
<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>	3,738.9 m <sup>2</sup>
	<b>Area per car:</b>	30 m <sup>2</sup>
	<b>Area per car:</b>	30 m <sup>2</sup>
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Scooters: 732 ; Provided: 732 nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	Cars: 141 ; provided: 141
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 m road
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 (a), B2
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
	<p>Page 19 of 61</p>	

Environment Clearance for Proposed building construction project at S. No. 34/1A/1 ,Keshav Nagar, Mundhwa by **M/s. Sancheti Properties.**

PP submitted their application for prior Environmental clearance for total plot area of 23000Sq. Mtrs, BUA of 55627.26Sq. Mtrs and FSI area of 27772.45Sq. Mtrs. PP proposes to construct 9 no. building.

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

### DECISION OF SEAC

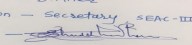
**PP remains absent. Hence committee decided to defer the proposal.**

Specific Conditions by SEAC:

### FINAL RECOMMENDATION

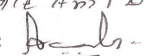
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SEAC-AGENDA-0000000092

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 20 of 61**

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

## Agenda for 65 th (A)meeting of SEAC-3.

**SEAC Meeting number: 65 Meeting Date June 7, 2018**

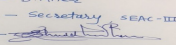
**Subject:** Environment Clearance for Construction project by M/s Shubham Vipra Associates.

**Is a Violation Case:** No

1.Name of Project	Shubham Tarangan
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vinay .K. Badera
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat No-2618/1/A & 2618/1/B, 2618/2, 2615/3, Aalephata, Junnar, Pune.
9.Taluka	Junnar
10.Village	Aalephata
Correspondence Name:	Mr. Vinay .K. Badera
Room Number:	401/402,
Floor:	-
Building Name:	Amit Crystal
Road/Street Name:	Above Bank of Baroda, Opp. Chafushringi Temple
Locality:	S.B. Road
City:	Pune
11.Area of the project	Town Planning
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 42249.83
13.Note on the initiated work (If applicable)	16835.98 m2 (FSI - 10614.94 m2 + Non FSI - 6221.04 m2)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	33550.00
16.Deductions	10191.99
17.Net Plot area	23358.01
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 28544.10
	b) Non FSI area (sq. m.): 13705.73
	c) Total BUA area (sq. m.): 42249.83
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)	5885.79
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.54 % of total plot area (33550.00m2) & 25.19% of net plot area (23358.01 m2)
21.Estimated cost of the project	480000000

## 22.Number of buildings & its configuration

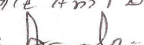
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 21  
of 61**

Name: K. Anil D.  
Signature: 

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

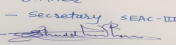
1	VISHAKHA (existing)	P+4	14.80
2	ASHLESHA (existing)	P+4	14.80
3	UTTERA (existing)	P+4	14.80
4	REVATI(existing)	G+2	9.45
5	PURNA (Proposed)	P+7	23.75
6	SWATI (Proposed)	P+7	23.75
7	KRUTIKA (Proposed)	P+7	23.75
8	ASHWINI (Proposed)	P+7	23.75

<b>23.Number of tenants and shops</b>	424 Nos.
<b>24.Number of expected residents / users</b>	2120 Nos.
<b>25.Tenant density per hectare</b>	126.37/H
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	60 m wide Pune Nasik Road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	NA
<b>30.Details of the demolition with disposal (If applicable)</b>	NA

### 31.Production Details

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

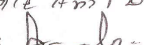
### 32.Total Water Requirement

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

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

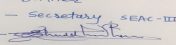
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 22 of 61**

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



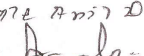

Dry season:	Source of water	Aale Grampanchayat							
	Fresh water (CMD):	321.58 m3/day (One Time)							
	Recycled water - Flushing (CMD):	95.40 m3/day							
	Recycled water - Gardening (CMD):	30.38 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	195.80 m3/day							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	136.30 m3/day							
Wet season:	Source of water	Aale Grampanchayat							
	Fresh water (CMD):	291.20 m3/day (One Time)							
	Recycled water - Flushing (CMD):	95.40 m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	195.80 m3/day							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	166.68 m3/day							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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

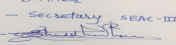
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 23  
of 61**

Name:   
Signature: 

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

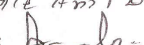
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season - 14.50 m. to 18.00 m. BGL.(16.25 M. BGL Average) Rainy Season - 6.00 m. to 10.75 BGL. (8.38 m. BGL Average) Winter Season - 10.25 m. to 14.38 m. BGL. (12.32 M. BGL Average)
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	12 Nos.
	<b>Size of recharge pits :</b>	2.0 m. X 2.0 m. X 2.0 m. Depth with 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Deep
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 10.00 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.75 Lakh /Year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity : 316.00 m3 Flushing UG tank Capacity : 187.00 m3 Fire UG tank Capacity : NA
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	12,128.02 m3 / Year i.e. 269.51 m3 / Day, Considering 700 mm. annual rain fall in 50 days averagely.
	<b>Size of SWD:</b>	600 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	262.08 m3/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	120 m3/day (Existing) & 160m3/day (Proposed)
	<b>Location &amp; area of the STP:</b>	70.80 m2 (Existing) & 92.22 (Proposed)
	<b>Budgetary allocation (Capital cost):</b>	For 120 m3/day (Existing) - Rs.18.00 Lakh & For 160 m3/day (Proposed) - Rs. 21.00 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	For 120 m3/day (Existing) - Rs 7.50 Lakh / Year & For 160 m3/day (Proposed) - Rs. 9.03 Lakh / Year
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	35 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>	371.0 kg/day
	<b>Wet waste:</b>	604.2 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	23.58 kg/day
	<b>Others if any:</b>	NA

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 24 of 61**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to Grampanchayat
	<b>Wet waste:</b>	Organic Waste Converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	40.19 m <sup>2</sup>
	<b>Area for machinery:</b>	36.95 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 14.60 Lakh
	<b>O &amp; M cost:</b>	Rs. 3.95 Lakh/year

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

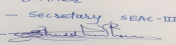
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39. Stacks emission Details

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

### 40. Details of Fuel to be used

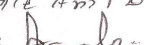
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

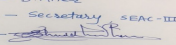
**Page 25 of 61**

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3246.23 m2
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	257 Nos.-Proposed, 143 No.-Existing
	<b>List of proposed native trees :</b>	-
	<b>Timeline for completion of plantation :</b>	Mid of construction of proposed development

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

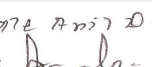

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus excelsa	Maharukh	12	Drought tolerant species, To control soil erosion.
2	Bauhinia purpurea	Gulabi kanchan	12	Every part of the plant is medicinal, Drought tolerant species.
3	Cassia fistula	Bahawa	08	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
4	Choclospermum religiosum	Sonsawar	09	Medicinal value, Native species.
5	Dalbergia sissoo	Shisav	19	Medicinal value, Bird attracting species.
6	Phyllanthus emblica	Awla	12	Medicinal value, To control soil erosion.
7	Mangifera indica	Mango	16	Edible fruit, Bird attracting species.
8	Ficus retusa	Nandruk	10	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
9	Syzygium Cumini	Jambhul	16	Medicinal value, Edible fruit.
10	Bahunia racemosa	Apta	12	Every part of the plant is medicinal, Drought tolerant species.
11	Caryota urens	Fishtail palm	17	Grown in any type of soil, Very Hardy.
12	Erythrina indica	Pangara	12	Fragrant flowers, Drought tolerant species, Birds attracting.
13	Gmelina arborea	Shivan	12	Medicinal value, Drought tolerant species, Bird attracting species.
14	Murraya koengii	Kadipatta	12	Medicinal value, Edible leaves.
15	Aegle marmelos	Bel	08	Fragrant flowers, Bird attracting species.
16	Nyctanthus arbortristis	Parijatak	12	Fragrant flowers, Medicinal value.
17	Nyctanthus arbortristis	Parijatak	12	Fragrant flowers, Medicinal value.

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 26 of 61**

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

18	Nyctanthus arbortristis	Parijatak	12	Fragrant flowers, Medicinal value.
19	Putrnjiva roxburghii	Putrnjiva	08	Medicinal value, Drought tolerant species.
20	Roystonea regia	Bottle palm	16	Ornamental plant, Medicinal value, Birds & bats eat fruits.
21	Annona Reticulata	Ramphal	08	Every part of the plant is medicinal.

**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**

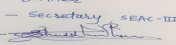
<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	40 KVA - 1 No
	<b>During Operation phase (Connected load):</b>	1600 KW.
	<b>During Operation phase (Demand load):</b>	1422.22 KVA.
	<b>Transformer:</b>	22KV/630 KVA - 2 Nos & 22KV/315 KVA - 1 No
	<b>DG set as Power back-up during operation phase:</b>	Solar With UPS Power System, For Lift Purpose : -ARD Device
	<b>Fuel used:</b>	NA
	<b>Details of high tension line passing through the plot if any:</b>	-

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

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

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

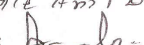
Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	38.5 KWH/Day

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 27 of 61**

Name: K. Anil Kale  
 Signature: 

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

2	Bollard Lighter - Light Fitting For Landscape Area.	0.39 KWH/Day
3	Recesses Wall Light. - Light Fitting For Landscape Area.	0.76 KWH/Day
4	Planter Of Lighter - Light Fitting For Landscape Area.	0.79 KWH/Day
5	Solar Street Light Fitting - Pole Light On Road Side.	7.8 KWH/Day
6	Street Light on the Bldg.	9.6 KWH/Day
7	Energy Saving by Solar Hot Water System.	1590 KWH/Day

### 50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	We have provided green belt for existing phase	We will provide additional green belt for proposed development
Water	We have installed STP of capacity 120 KLD for Existing phase & excess treated water used for flushing & gardening	We will propose to installed STP of capacity 160 KLD for proposed phase. Excess treated water will be used for flushing & gardening.
Noise	Instead of DG set we have installed Solar With UPS Power System & For Lift Purpose : -ARD Device. Noise monitoring is carried out.	Traffic management plan to be prepared.
Solid Waste	Wet waste of existing phase is treated in OWC & dry waste is handed over to Gram panchayat. STP sludge is used as manure after treatment in OWC.	For Proposed Development: Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH.

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 74.40 Lakh
	<b>O &amp; M cost:</b>	Rs 1.92 Lakh/Year.

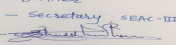
### 51.Environmental Management plan Budgetary Allocation

#### 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):

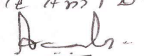

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	120 m3/day-Existing	18.00 Lakh	7.50 Lakh/Year
2	STP 2	160 m3/day-Proposed	21.00 Lakh	9.03 Lakh/Year
3	RWH	Rain water Harvesting	10.00 Lakh	0.75 Lakh/Year
4	MSW	-	14.60 Lakh	3.95 Lakh/Year

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 28 of 61**

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

5	Solar System	-	74.40 Lakh	1.92 Lakh/Year
6	Landscaping	-	69.96 Lakh	11.31 Lakh/Year
7	Safety Equipment	-	-10.0 Lakh	2.0 Lakh/Year
8	Post EC Monitoring	-	-	2.50 Lakh/Year
9	Dry Waste Management	-	-	2.55 Lakh/Year

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

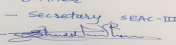
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

Not Information Available

### 53.Traffic Management

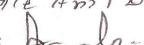
	Nos. of the junction to the main road & design of confluence:	-
<b>Parking details:</b>	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	11654.60 m2
	Area per car:	42.07 m2
	Area per car:	42.07 m2
	Number of 2-Wheelers as approved by competent authority:	900
	Number of 4-Wheelers as approved by competent authority:	277
	Public Transport:	-
	Width of all Internal roads (m):	6.0 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 29 of 61**

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



	<b>Category as per schedule of EIA Notification sheet</b>	8(a)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	-
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Construction project at Gat No-2618/1/A & 2618/1/B, 2618/2, 2615/3, Aalephata, Junnar, Pune. by M/s **Shubham Vipra Associates.**

PP submitted their application for prior Environmental clearance for total plot area of 33550 Sq. Mtrs, BUA of 42249.83 Sq. Mtrs and FSI area of 28544.10 Sq. Mtrs.

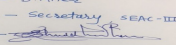
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8 (a) B1.

### DECISION OF SEAC

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

#### Specific Conditions by SEAC:

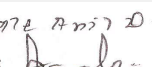

- 1) PP to submit details regarding area constructed at site.
- 2) PP to submit clarification regarding existing STP.
- 3) PP to change UGT Locations.
- 4) PP to submit specific NOC for SWD to lay on Public road.
- 5) PP to submit details of sewer line connectivity up to final disposal point.
- 6) PP to submit fire tender movement plan.
- 7) PP to submit revised Solid waste Management Plan.
- 8) PP to submit debris management plan
- 9) PP to submit all NOC,s
- 10) PP to submit revised disaster management plan with lightning arrester plan.
- 11) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. Showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road.
- 12) The committee found that some tenants are already staying there and its violation case a show cause notice is to be issued to the consultant for suppressing the information and misleading the committee.

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 30  
of 61**

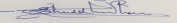
Name:   
Signature: 

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

## FINAL RECOMMENDATION

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

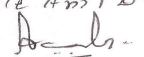
SEAC-AGENDA-00000000092

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 31  
of 61**

Name: K. Anil Kale  
Signature: 

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

## Agenda for 65 th (A)meeting of SEAC-3.

**SEAC Meeting number: 65 Meeting Date June 7, 2018**

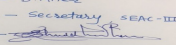
**Subject:** Environment Clearance for Proposed Construction Project by M/s Chhaged Associates

**Is a Violation Case:** No

1.Name of Project	Palm Rose
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nikhil, Lalit, Mahendra Chhaged.
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	S. No. 15/7
9.Taluka	Mulshi
10.Village	Punawale
Correspondence Name:	Mr Nikhil, Lalit, Mahendra Chhaged
Room Number:	-
Floor:	-
Building Name:	Vardhaman Bhoomi
Road/Street Name:	Vijaynagar
Locality:	Kalewadi
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 43042.27
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable - 1928.83m2
15.Total Plot Area (sq. m.)	12300 m2
16.Deductions	3016.88 m2
17.Net Plot area	9283.12 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20613.43 m2
	b) Non FSI area (sq. m.): 22428.84 m2
	c) Total BUA area (sq. m.): 43042.27
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)	3280.38m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.66% of Total plot area (12300.00 m2) & 35.33% of Net plot area (9283.12 m2)
21.Estimated cost of the project	950000000

### 22.Number of buildings & its configuration

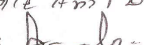
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 32  
of 61**

Name: K. Anil Kale  
Signature: 

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

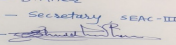
1	Wing - A	GP+UP+12	42.00 m
2	Wing - B	GP+UP+12	42.00 m
3	Wing - C	GP+UP+12	42.00 m
4	MHADA	GP+10FL	33.00 m
5	Commercial Building	G + 2FL	11.20 m

<b>23.Number of tenants and shops</b>	Total Tenements - 378 Nos. Shops- 10 Nos & Offices- 20 Nos
<b>24.Number of expected residents / users</b>	Residential Users : 1890 Nos. ,Commercial Users : 304 Nos. ,Total Users : 2194 Nos.
<b>25.Tenant density per hectare</b>	307.31
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	18 M wide DP road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	Not Applicable
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Applicable

### 31.Production Details

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

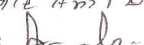
### 32.Total Water Requirement

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 33 of 61**

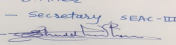
Name: K. Anil Kale  
Signature: 

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

<b>Dry season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	296.33 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	92.65 m3/day
	<b>Recycled water - Gardening (CMD):</b>	21.00 m3/day
	<b>Swimming pool make up (Cum):</b>	1.5 m3/day
	<b>Total Water Requirement (CMD) :</b>	182.68 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	150.00 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	80 m3
	<b>Excess treated water</b>	132.79 m3/day
<b>Wet season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	275.33 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	92.65m3/day
	<b>Recycled water - Gardening (CMD):</b>	Not Applicable
	<b>Swimming pool make up (Cum):</b>	1.5 m3/day
	<b>Total Water Requirement (CMD) :</b>	182.68m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	150.00 m3/day
	<b>Fire fighting - Overhead water tank(CMD):</b>	80 m3
	<b>Excess treated water</b>	153.79 m3/day
<b>Details of Swimming pool (If any)</b>	Dimension of Swimming Pool: 12M X 6M X 1.2M Total water Requirement in KLD: 84000 Ltr Water requirement in KLD: 1500 Lit/day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: Budgetary allocation (Capital cost and O & M cost): Capital Cost: Rs 17.25 Lakh O & M Cost: Rs. 1.74 Lakh /Year	

### 33.Details of Total water consumed

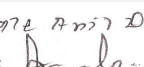

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

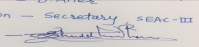
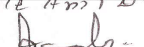
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 34 of 61**

Name:   
 Signature: 

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

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre-Monsoon (Summer Season): 19.75m -23.25 m BGL (21.50 m. BGL Average) ,Post Monsoon (Rainy Season): 8.00 m -14.50 m BGL (11.250 m. BGL Average) , Post Monsoon (Winter Season): 13.38 m. - 15.88 m BGL (16.38 m. BGL Average)
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	3 nos.
	<b>Size of recharge pits :</b>	2.25 m x 2.25 m x 1.75 m
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 23.00 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs.2.00 Lakh/Year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 292.02 m <sup>3</sup> Flushing tank capacity: 170.48 m <sup>3</sup> Fire UG tank Capacity: 150.00 m <sup>3</sup>
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	96.41 m <sup>3</sup> /day
	<b>Size of SWD:</b>	600 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	246.44 m <sup>3</sup> /day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 No. & Capacity - 250 m <sup>3</sup> /day
	<b>Location &amp; area of the STP:</b>	Area = 120 m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	Rs. 24.5 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 9.75 Lakh/Year
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	75 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>	423.6 kg/day
	<b>Wet waste:</b>	597.4 kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	22.17 kg/day
	<b>Others if any:</b>	-
Designation - Secretary SEAC-III Sign 	<b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b>	Name: K. D. Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
<b>S.D.Aher (Secretary SEAC-III)</b>		<b>Page 35 of 61</b>

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	SWACH
	<b>Wet waste:</b>	Organic waste converter
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	-
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	69.00 m <sup>2</sup>
	<b>Area for machinery:</b>	Included in other Area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.16.75 Lakh
	<b>O &amp; M cost:</b>	Rs.3.63 Lakh/year

### 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

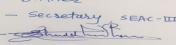
### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set - 125 KVA-01 No.	HSD - 22 Lit/Hr	S - 1	6.5 m	To be Provided	-
2	DG Set - 40 KVA - 01 No.	HSD - 6.5 Lit/hr	S - 2	5.5 m	To be Provided	-

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	NA	28.5 Lit/Hr	28.5 Lit/Hr

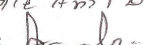
41.Source of Fuel Bharat Petroleum Corporation Limited/Hindustan Petroleum

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 36 of 61**

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



42.Mode of Transportation of fuel to site	By roadway
---	------------

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1032.48m2
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	162 Nos.
	<b>List of proposed native trees :</b>	-
	<b>Timeline for completion of plantation :</b>	Mid of Construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinia tomentosa	Yellow bauhinia	10	Small tree known to have antimicrobial activity.
2	Gmellina arborea	White teak	06	Fast growing deciduous tree.
3	Putranjiva roxburghii	Putranjiva	07	Evergreen and ornamental tree with medicinal values.
4	Azardirecta indica	Neem	06	Fast growing used for medicinal purpose and pest control.
5	Anthocephalus cadamba	Kadamba	13	It has orange flowers and attracts bees, butterflies and birds.
6	Erithrina indica	Silk cotton tree	12	Medium sized flowering tree.
7	Pongamia glabra	Indian beech	08	Tree has medicinal properties.
8	Syzygium cumini	Jamun	10	Fruit bearing tree attracts birds.
9	Artocarpus heterophyllus	Jackfruit	09	Huge fruit bearing tree attracts birds.
10	Plumeria alba	White frangipani	08	Ornamental and flowering tree.
11	Bauhinia blakeana	Hong kong ochid tree	07	Evergreen and flowering tree and is a spectacular trees.
12	Cassia fistula	Bahava	13	Ornamental tree with yellow flowers.
13	Fishtail palm	Palm	07	Tall ornamental tree.
14	Nyctanthes arbor-tristis	Parijatak	06	Ornamental with fragrant flowers attracts birds and butterflies.
15	Mangifera indica	Mango	15	Evergreen with huge canopy and fruit bearing tree.
16	Tabubia rosea	Tabubia	16	Deciduous tree with spreading crown.
17	Caryota urens	Palm	09	Tall ornamental and flowering tree.

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

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

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

**47.Energy**

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b></p>	<p><b>Page 37 of 61</b></p>	<p>Name: <u>Kale Anil D.</u> Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
--	--	-----------------------------	---

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	40 KVA - 1No.
	<b>During Operation phase (Connected load):</b>	1798 KW
	<b>During Operation phase (Demand load):</b>	1598 KVA
	<b>Transformer:</b>	2 nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	125 KVA-01 no. & 40 KVA -01 no.
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	No

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

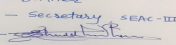
- Solar Water Heating Systems Will be Done for Bathrooms
- Solar Lights will be provided for common amenities like street lightings & Garden lightings
- LED based lighting will be done in the common areas, landscape areas, signage's, Entry Gates and boundary compound walls etc.
- Auto timer switches will be provided for street lights, Garden lights, Parking & staircase lights & other Common Area Lights for saving electrical energy.
- Water Level Controllers with timers will be used for water pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like LED Lights.

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

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	26584.33 KWH/Annum
2	Up Lighter - Light Fitting For Landscape Area.	350.4 KWH/Annum
3	Bollard Lighter - Light Fitting For Landscape Area.	255.5 KWH/Annum
4	Solar Street Light Fitting - Pole Light On Road Side	2190 KWH/Annum
5	Street Light on the Bldg.	1314 KWH/Annum
6	Energy Saving by Solar Hot Water System.	425250 KWH/Annum

#### 50. Details of pollution control Systems

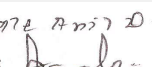

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed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

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 38 of 61**

Name:   
Signature: 

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

Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
-------------	---	---

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 44.24 Lakh
	O & M cost:	Rs 1.30 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	-	Rs. 24.5 Lakh	Rs. 9.75 Lakh/Year
2	RWH	-	Rs.3.75 Lakh	Rs.0.30 Lakh/Year
3	MSW	-	Rs.16.75 Lakh	Rs.3.63Lakh/Year
4	Solar System	-	Rs.44.24 Lakh	Rs.1.30 Lakh/Year
5	Landscaping	-	Rs.23.00 Lakh	Rs.2.00 Lakh/Year
6	Swimming Pool	-	Rs. 17.25 Lakh	Rs.1.74 Lakh/Year
7	Safety Equipment	-	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
8	Post EC Monitoring	-	-	Rs. 2.50 Lakh/Year
9	Dry Waste Management	-	-	Rs.2.26 Lakh/Year

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

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

## 52.Any Other Information

Name - S.D.Aher Designation - Secretary SEAC-III Sign - 	<b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b>	<b>Page 39 of 61</b>	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
---	---	----------------------	--

No Information Available

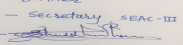
### 53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 No- 5463 m2
	Total Parking area:	9954.4m2
	Area per car:	45.87m2
	Area per car:	45.87m2
	Number of 2-Wheelers as approved by competent authority:	816 Nos.
	Number of 4-Wheelers as approved by competent authority:	217 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

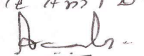
### Brief information of the project by SEAC

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 40 of 61**

Name: K. Anil Kale  
Signature: 

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

**Environment Clearance for Proposed Construction Project at S. No. 15/7 by M/s Chhajed Associates.**

PP submitted their application for prior Environmental clearance for total plot area of 12300 Sq. Mtrs, BUA of 43042.27 Sq. Mtrs and FSI area of 20613.43 Sq. Mtrs. PP proposes to construct 4 no. residential building and 1 commercial building.

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

**DECISION OF SEAC**

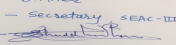
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) PP to submit undertaking for MHADA and commercial component will be a part of society and copy of agreement should be provide.
- 2) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. Showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road.
- 3) PP to submit part DP showing area reserved for canal. (Nalla Remark)
- 4) PP to submit revised fire tender movement plan with ramp width and slope.
- 5) PP to submit cross sections at 4-5 places especially where utility area located.
- 6) PP to submit parking statement, layout plan and details of area per car.
- 7) PP to submit swatch NOC along with quantity.
- 8) PP to submit revised drawing of SWD up to disposal line along with chamber details.
- 9) PP to submit debris management Plan.
- 10) PP to submit an undertaking for assured water supply.
- 11) PP to submit revised EMP along with cost of O&M for swimming pool.
- 12) PP to submit revised list of tree plantation.

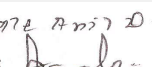
**FINAL RECOMMENDATION**

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 41 of 61**

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

## Agenda for 65 th (A)meeting of SEAC-3.

**SEAC Meeting number: 65 Meeting Date June 7, 2018**

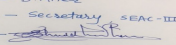
**Subject:** Environment Clearance for Environment Clearance for Project

**Is a Violation Case:** No

1.Name of Project	Nirman Altius
2.Type of institution	Private
3.Name of Project Proponent	Nirman Associates
4.Name of Consultant	MITCON Consultancy & Engineering Services Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 7/2, Village Kharadi, Tal. Haveli, Dist. Pune, Maharashtra
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Sandeep Maheshwari
Room Number:	205,
Floor:	Second Floor,
Building Name:	City Center.
Road/Street Name:	Karve Road,
Locality:	Opp. Ayurvedic Rasshala
City:	Pune
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD
	IOD/IOA/Concession/Plan Approval Number: IOD
	Approved Built-up Area: 35048.74
13.Note on the initiated work (If applicable)	Part of A, B and C wing (Total area 13092.65 sqm) constructed as per previous LOI
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10500 sqm
16.Deductions	2936.88 sqm
17.Net Plot area	6370.71 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15947.21
	b) Non FSI area (sq. m.): 19101.53
	c) Total BUA area (sq. m.): 35048.74
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)	1489.58
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.38
21.Estimated cost of the project	470000000

## 22.Number of buildings & its configuration

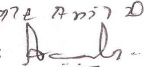
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

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

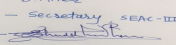
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 42  
of 61**

Name: K. Anil D.  
Signature: 

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

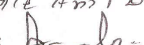
1	Wing	Basement+Ground+Stilt Parking+1st Floor Parking+12 floors	42.75	
2	Wing "B"	Basement+Ground+Stilt Parking+1st Floor Parking+14 floors	48.45	
3	Wing "C"	Basement + Ground Floor + 11 Floor	35.64	
4	Club House	Ground Floor + 1 floor	8.22	
<b>23.Number of tenants and shops</b>		211 Flats and 27 Commercial		
<b>24.Number of expected residents / users</b>		1446		
<b>25.Tenant density per hectare</b>		226		
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>		18 m		
<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>		Part of A,B,C Wing (Total Area 13092.65 sqm) constructed as per the previous LOI received		
<b>30.Details of the demolition with disposal (If applicable)</b>		Not Applicable		
<b>31.Production Details</b>				
<b>Serial Number</b>	<b>Product</b>	<b>Existing (MT/M)</b>	<b>Proposed (MT/M)</b>	<b>Total (MT/M)</b>
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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

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

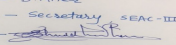
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 43 of 61**

Name: K. Anil Kale  
 Signature: 

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

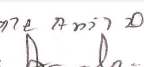

Dry season:	Source of water	Pune Municipal Corporation (PMC)							
	Fresh water (CMD):	104.73							
	Recycled water - Flushing (CMD):	55.30							
	Recycled water - Gardening (CMD):	6.30							
	Swimming pool make up (Cum):	2.16							
	Total Water Requirement (CMD) :	113.73							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	20000							
	Excess treated water	89.85							
Wet season:	Source of water	Pune Municipal Corporation (PMC)							
	Fresh water (CMD):	104.73							
	Recycled water - Flushing (CMD):	55.30							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	2.16							
	Total Water Requirement (CMD) :	113.73							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	20000							
	Excess treated water	83.55							
Details of Swimming pool (If any)	Swimming pool								
<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	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  
 Designation - Secretary SEAC-III  
 Sign - 

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

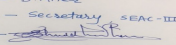
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 44 of 61**

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



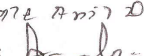
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Pre monsoon: 6.0 m, Post monsoon: 4.5 m
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	5
	<b>Size of recharge pits :</b>	2.00 m x 2.00 m x 1.50 m
	<b>Budgetary allocation (Capital cost) :</b>	3.75 lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	1.00 lakhs
	<b>Details of UGT tanks if any :</b>	Domestic water tank 1: 1,20,000 Liter Dinking water tank 2: 24,000 Liter Commercial water tank: 32,000 Liter Firefighting tank: 1,50,000 Liter
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	East to West
	<b>Quantity of storm water:</b>	462.00 cum/hr
	<b>Size of SWD:</b>	300 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	152.79
	<b>STP technology:</b>	Fluidized Aerobic Bio-reactor (FAB)
	<b>Capacity of STP (CMD):</b>	1 No. with capacity 160 KLD
	<b>Location &amp; area of the STP:</b>	As shown in the drawing
	<b>Budgetary allocation (Capital cost):</b>	28.00 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	7.00 Lakhs
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	12.63 KG
	<b>Disposal of the construction waste debris:</b>	Through authorize vendors
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	244 Kg/day
	<b>Wet waste:</b>	365 Kg/day
	<b>Hazardous waste:</b>	Nil
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	4.5 Kg/day
	<b>Others if any:</b>	NA

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 45 of 61**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through Municipal authority /Authorized vendors
	<b>Wet waste:</b>	Through Organic waste converter
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	For Gardening
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	As shown in the drawing
	<b>Area for the storage of waste &amp; other material:</b>	43 sqm
	<b>Area for machinery:</b>	25 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15.00 Lakhs
	<b>O &amp; M cost:</b>	2.50 Lakhs

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

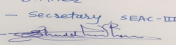
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39. Stacks emission Details

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

### 40. Details of Fuel to be used

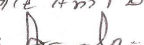
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 46 of 61**

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	930.76 sqm
	<b>No of trees to be cut :</b>	Nil
	<b>Number of trees to be planted :</b>	100
	<b>List of proposed native trees :</b>	Jamun, Neem, Bakul, Kanchan, Sonchafa, Fish tail Palm, Palas, Mahigani, Mango, Kailashpati
	<b>Timeline for completion of plantation :</b>	Two months after project completion

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygiumcumini	Jamun	3	Shady tree, windbreak, ornamental, edible fruit
2	Azadirachtaindica	Neem	6	Avenues roadsides for shade, ornamental use, used as windbreak, purifies air
3	Mimusopselengi	Bakul	14	Medium sized evergreen tree
4	Bauhinia purprea	Kanchan	4	Medicinal plant and also used to make fiber ,tree is extremely drought resistant
5	Micheliachampaca	Sonchafa	12	It is best known for its strongly fragrant yellow or white flowers.
6	Caryotaurens	Fish tail palm	11	Slow growing, attractive tree
7	Buteamonosperma	Palas	6	Used to provide shade , Medium-sized semi-evergreen tree.
8	Erythrinaindica	Pangara	12	Flowering , Medium sized deciduous tree
9	Plumeria alba	Plumeria alba	10	Attractive to bees, butterflies & birds, very ornamental
10	Magniferaindica	Mango	3	Fruit tree with medium canopy can be used for shed too.
11	Lagerstroemia flosreginae Retz.	Tamhan	8	Ornamental flowering plant.
12	Couroupitaguianensis	Kailashpati	2	Flowering tree with medicinal property
13	Khayaanthotheca	Mahogany	9	Used to provide shade , Medium-sized semi-evergreen tree. It is used for ship making and furniture making work.

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

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

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

#### 47.Energy

Name - S.D.Aher Designation - Secretary SEAC-III Sign - 	<b>SEAC Meeting No: 65 Meeting Date: June 7, 2018</b>	Page 47 of 61	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
---	---	------------------	--

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	75 W
	<b>DG set as Power back-up during construction phase</b>	82 KVA 1 NO.
	<b>During Operation phase (Connected load):</b>	1168 KW
	<b>During Operation phase (Demand load):</b>	590 KW
	<b>Transformer:</b>	630 KVA, 1 No.
	<b>DG set as Power back-up during operation phase:</b>	82 KVA 1 NO.
	<b>Fuel used:</b>	13.8 Lit/Hr @75% loading
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

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

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar Energy for Outdoor/Street lighting	7965 KWH/Annum
2	Auto Timer Logic Controller	31649.88 KWH/Annum
3	Electronic V3F drive for Lifts	9802.44 KWH/Annum
4	Solar Water heater	293712.00 KWH/Annum

#### 50. Details of pollution control Systems

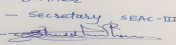
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	50.00 lakhs
	<b>O &amp; M cost:</b>	1.50 lakhs

### 51. Environmental Management plan Budgetary Allocation

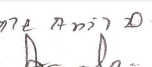

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water and dust suppression	Water and dust suppression	1.00

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 48 of 61**

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

2	Site Sanitation, Disinfection& Safety	Site Sanitation, Disinfection& Safety	2.00
3	Environmental Monitoring	Environmental Monitoring	0.15
4	Disinfection	Disinfection	1.00
5	Health Check up	Health Check up	2.00

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP Cost	STP Cost	28.00	7.00
2	Solid Waste Management	Solid Waste Management	15.00	2.50
3	Green Belt development	Green Belt development	7.00	1.00
4	Rain water harvesting	Rain water harvesting	3.75	0.50
5	Energy Efficient equipments	Energy Efficient equipments	50.00	1.50
6	Environmental monitoring	Monitoring charges for air, water, waste water, soil, DG stack, noise etc.	Nil	1.50
7	Rain water and storm water channelization	Rain water and storm water channelization	5.00	0.20
8	Basement ventilation	Basement ventilation	2.00	0.50

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

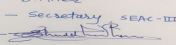
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

**53.Traffic Management**

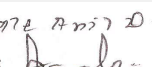
Nos. of the junction to the main road & design of confluence:	NA
---	----

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 49 of 61**

Name: K. Anil Kale  
Signature: 

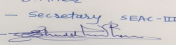
**Shri. Anil Kale (Chairman SEAC-III)**

Parking details:	Number and area of basement:	one basement
	Number and area of podia:	NA
	Total Parking area:	9716.22 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	400
	Number of 4-Wheelers as approved by competent authority:	147
	Public Transport:	Yes
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a), B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

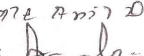
### Brief information of the project by SEAC

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 50  
of 61**

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

Environment Clearance for Environment Clearance for Project at S. No. 7/2, Village Kharadi, Tal. Haveli, Dist. Pune, Maharashtra by **M/s. Nirman Associates.**

PP submitted their application for prior Environmental clearance for total plot area of 10500Sq. Mtrs, BUA of 35048.74Sq. Mtrs and FSI area of 15947.21Sq. Mtrs. PP proposes to construct 3 no. residential building (wings) and 1 club house.

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

### DECISION OF SEAC

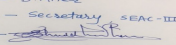
**PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.**

#### Specific Conditions by SEAC:

- 1) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. Showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road.
- 2) PP to submit revise drawing of SWD up to disposal line along with chamber details.
- 3) PP to submit debris management plan and specify the site for C&DWaste.
- 4) PP to submit geohydrological report along with details of RWH. Also silt chamber and recharge pit.
- 5) PP to submit revised list of trees.
- 6) PP to submit RG plan.
- 7) PP to submit revised EMP along with cost of O&M for swimming pool.
- 8) PP to submit energy saving calculation along with terrace area calculations.
- 9) PP to make necessary changes in CS regarding consultancy name.
- 10) PP to submit revised Swacch NOC.

### FINAL RECOMMENDATION

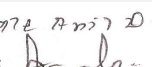
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 51  
of 61**

Name: K. Anil Kale  
Signature: 

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

## Agenda for 65 th (A)meeting of SEAC-3.

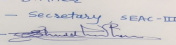
**SEAC Meeting number: 65 Meeting Date June 7, 2018**

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

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Residential Project
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Sandeep Shankarrao Satav , Partner
<b>4.Name of Consultant</b>	Pollution and Ecology Control Services, Near Dhantoli Police Station, Dhantoli, Nagpur. NABET Accreditation No. 110
<b>5.Type of project</b>	Housing Project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New Project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	No
<b>8.Location of the project</b>	S. No. 19, Village Khadakwasla, Taluka- Haveli,Dist- Pune
<b>9.Taluka</b>	Haveli
<b>10.Village</b>	Khadakwasla
<b>Correspondence Name:</b>	Mr. Sandeep Shankarrao Satav
<b>Room Number:</b>	104
<b>Floor:</b>	1st
<b>Building Name:</b>	Sai Siddhi
<b>Road/Street Name:</b>	Behind Congress Bhavan
<b>Locality:</b>	Shivaji Nagar
<b>City:</b>	Pune
<b>11.Area of the project</b>	Other Area
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	IOD/IOA
	<b>IOD/IOA/Concession/Plan Approval Number:</b> PMH/NA/SR/580/13
	<b>Approved Built-up Area:</b> 1431.64
<b>13.Note on the initiated work (If applicable)</b>	No Work initiated
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	No
<b>15.Total Plot Area (sq. m.)</b>	11800 Sqm
<b>16.Deductions</b>	278.78 Sqm
<b>17.Net Plot area</b>	11521.22 Sqm
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 14370.33
	<b>b) Non FSI area (sq. m.):</b> 11434.22
	<b>c) Total BUA area (sq. m.):</b> 25804.55
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
<b>19.Total ground coverage (m2)</b>	2888.02
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	26
<b>21.Estimated cost of the project</b>	400000000

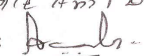
## 22.Number of buildings & its configuration

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 52  
of 61**

Name: K. Anil D.  
Signature: 

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



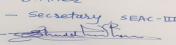
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P+P+09	30.9
2	B	P+P+08	28
3	C	P+P+07	25.1
4	D	P+P+08	25.1
5	Amenity Building	G+4	14.95

<b>23.Number of tenants and shops</b>	No. of Tenents- 231 No. of Shops- Shops of Commercial Area
<b>24.Number of expected residents / users</b>	Expected Residents- 1155 Expested Users- 205
<b>25.Tenant density per hectare</b>	201
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	24 M
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 M
<b>29.Existing structure (s) if any</b>	No
<b>30.Details of the demolition with disposal (If applicable)</b>	No

### 31.Production Details

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

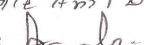
### 32.Total Water Requirement

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

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

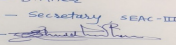
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 53 of 61**

Name: K. Anil Kale  
Signature: 

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

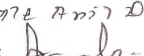

Dry season:	Source of water	Grampanchayat							
	Fresh water (CMD):	104.5							
	Recycled water - Flushing (CMD):	52.6							
	Recycled water - Gardening (CMD):	10							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	166.65							
	Fire fighting - Underground water tank(CMD):	100							
	Fire fighting - Overhead water tank(CMD):	105							
	Excess treated water	78.39							
Wet season:	Source of water	Grampanchayat							
	Fresh water (CMD):	104.5							
	Recycled water - Flushing (CMD):	52.6							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	156.65							
	Fire fighting - Underground water tank(CMD):	100							
	Fire fighting - Overhead water tank(CMD):	105							
	Excess treated water	88.39							
Details of Swimming pool (If any)	Nil								
<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  
 Designation - Secretary SEAC-III  
 Sign - 

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

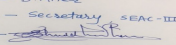
**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 54 of 61**

Name:   
 Signature: 

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

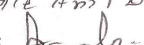
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	17.5
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Proposed
	<b>Location of the RWH tank(s):</b>	Not Applicable
	<b>Quantity of recharge pits:</b>	8.82 cum
	<b>Size of recharge pits :</b>	2.1 X 2.1 X 2
	<b>Budgetary allocation (Capital cost) :</b>	2.60 Lac
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.11 Lac
	<b>Details of UGT tanks if any :</b>	Domestic UG Tank Capacity -194 Cum Flushing UG Tank Capacity -94 Cum Fire UG Tank Capacity -100 Cum
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	North East - South West
	<b>Quantity of storm water:</b>	5999.1
	<b>Size of SWD:</b>	450-600 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	140.99
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 No. of 155 Cum
	<b>Location &amp; area of the STP:</b>	As shown on the plan Area- 105 Sqm
	<b>Budgetary allocation (Capital cost):</b>	31 Lac
	<b>Budgetary allocation (O &amp; M cost):</b>	3.41 Lac
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Dry waste- 2.5 Kg/Day We Waste- 2.5 Kg/Day
	<b>Disposal of the construction waste debris:</b>	The Construction debris shall be disposed on site as far as possible in back filling , levelling, by preserving top soil for gardening and excess shall be disposed as per the directions from the authority.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	265.7 Kg/Day
	<b>Wet waste:</b>	379.33 Kg/Day
	<b>Hazardous waste:</b>	Negligible
	<b>Biomedical waste (If applicable):</b>	NIL
	<b>STP Sludge (Dry sludge):</b>	15.48 kg/Day
	<b>Others if any:</b>	NIL

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 55 of 61**

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through Authorized Agency
	<b>Wet waste:</b>	In- Situ by composting
	<b>Hazardous waste:</b>	Through Authorized agency
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	In- Situ By Composting
	<b>Others if any:</b>	Through Authorized agency
<b>Area requirement:</b>	<b>Location(s):</b>	As shown on plan
	<b>Area for the storage of waste &amp; other material:</b>	17.5 Sqm
	<b>Area for machinery:</b>	17.5 Sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	8.04 Lac
	<b>O &amp; M cost:</b>	2 Lac

### 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

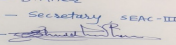
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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

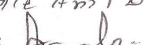
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 56 of 61**

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1152.12 Sqm
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	145
	<b>List of proposed native trees :</b>	Given below
	<b>Timeline for completion of plantation :</b>	Before Completion of the Project

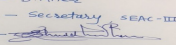
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Nyctanthes arbor-tristis	Parijatak	14	This Small tree has highly fragrant flowers those attract Bees and Butterflies, Fruits attract Birds.
2	Ochna obtusata	Kanak Champa	14	Native, this shrub has yellow fragrant flowers, Host plant for Butterflies.
3	Murraya paniculatum	Kamini/Kunti	14	Native to Western Ghats, this shrub has fragrant white flowers and dense foliage. It is a host plant for Butterflies.
4	Manilkara zapota	Chickoo	13	This small tree attracts Birds and Bees. Edible Fruit.
5	Citrus limon	Lemon	14	This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.
6	Bauhinia racemosa	Apta	14	Native to Pune, this Shrub has a Religious importance
7	Mimusops elengi	Bakul	14	Native, Evergreen Foliage and Flowering tree has dense branching, hence good for Wind screening. Flowers are deeply fragrant and attracts birds and Bees.
8	Pongamia pinnata	Karanj	14	Native to Pune, this Deciduous White Flowering tree . Attracts Birds and Arboreal Mammals.
9	Lagerstroemia reginae	Tamhan	14	This Purple Flowering plant is the State flower of Maharashtra.
10	Cassia fistula	Bahava	13	This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.
11	Erythrina variegata	Pangara	7	Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.

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

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

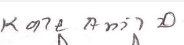

Serial Number	Name	C/C Distance	Area m2
---------------	------	--------------	---------

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 57 of 61**

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

1	NA	NA	NA
---	----	----	----

## 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	75 KW
	<b>DG set as Power back-up during construction phase</b>	30 KVA
	<b>During Operation phase (Connected load):</b>	1181 KW
	<b>During Operation phase (Demand load):</b>	689 KW
	<b>Transformer:</b>	630 KVA & 200 KVA
	<b>DG set as Power back-up during operation phase:</b>	125 KVA & 30 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	No

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

Solar Water Heater- 23.1 KLD  
 Solar Street Lights- 2.08 KW/Day  
 Solar PV Generation- 9 KW/DAY

## 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Water Heater	321552 KWH/Annum
2	Electronic V3F Drives for Lift	16337.40 KWH/Annum
3	Solar PV Generation	9450 KWH/Annum
4	Timer Logic Controller	36207 KWH/Annum

## 50. Details of pollution control Systems

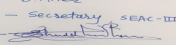
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	49.63
	<b>O &amp; M cost:</b>	2.13

## 51. Environmental Management plan Budgetary Allocation

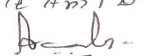
### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Site sanitation	Health & Safety	0.60

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 58 of 61**

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

2	Environmental monitoring	Air , Water & Noise	1.80
3	Disinfection	Health & Safety	0.50
4	Health check up	Health & Safety	0.50

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	RWH	Pits	2.60	0.11
2	Sewage Treatment	STP	31	3.41
3	Solid Waste	Composting	8.04	2
4	Air Pollution	Trees	6.92	0.35
5	Energy	Savings	49.63	2.13
6	Monitoring	Air, Water & Noise	0	1.80

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

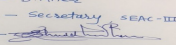
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

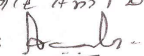
**53.Traffic Management**

Nos. of the junction to the main road & design of confluence:	1 Junction with sufficient width provided for incoming & outgoing cars separately to avoid traffic congestion.
---	--

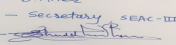
Name - S.D.Aher  
Designation - Secretary SEAC-III  
Sign   
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 59 of 61**

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

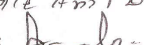
Parking details:	Number and area of basement:	0
	Number and area of podia:	1 of 3873.15 Sqm
	Total Parking area:	2574 Sqm
	Area per car:	12.5 Sqm
	Area per car:	12.5 Sqm
	Number of 2-Wheelers as approved by competent authority:	510
	Number of 4-Wheelers as approved by competent authority:	98
	Public Transport:	Not Proposed
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 60 of 61**

Name: K. Anil Kale  
 Signature: 

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



Environment Clearance for Proposed Residential & Commercial Project at S. No. 19, Village Khadakwasla, Taluka- Haveli, Dist- Pune by Mr. Sandeep Shankarrao Satav.

PP submitted their application for prior Environmental clearance for total plot area of 11800 Sq. Mtrs, BUA of 25804.55 Sq. Mtrs and FSI area of 14370.33 Sq. Mtrs. PP proposes to construct 4 no. residential building and 1 Amenity building.

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

### DECISION OF SEAC

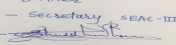
**PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.**

#### Specific Conditions by SEAC:

- 1) PP to shift UGT location.
- 2) PP to relocate the OWC location.
- 3) PP to provide aeration tank at least 1.5 mtr above the ground.
- 4) PP to submit revised fire tender movement plan width 7.5 m at all point and include slop 1:10.
- 5) PP to submit an undertaking for sustainable water supply.
- 6) PP to submit disaster management plan along with costing.
- 7) PP should provide isolate traffic circulation for commercial building.
- 8) PP to submit parking layout plan and parking statement.
- 9) PP to submit revised tree list.
- 10) PP to submit Environment management plan.
- 11) PP to submit debris management plan.
- 12) PP to submit an indemnity bond for project land.
- 13) PP to submit socioeconomic infrastructure within vicinity of plot.
- 14) PP to submit NOC from local concern authority to allow laying the SWD along with public road up to final destination.
- 15) PP to submit phase wise programme considering wind rose diagram.

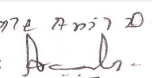
### FINAL RECOMMENDATION

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

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

**SEAC Meeting No: 65 Meeting Date: June 7, 2018**

**Page 61  
of 61**

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