

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 12, 2018**

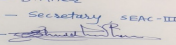
**Subject:** Environment Clearance for New Construction, "Residential & Commercial Development "

**Is a Violation Case:** No

1.Name of Project	Proposed Residential & Commercial Scheme by Majestique Homes LLP
2.Type of institution	Private
3.Name of Project Proponent	Majestique Homes LLP through Mr Aditya Agarwal
4.Name of Consultant	Ultra-Tech (Environmental Consultancy & Laboratory )
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Sr. No. 5/1, 5/2A ,5/2B, 5/3/1, 5/4/1, 6/4B
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Majestique Homes LLP
Room Number:	Office No. 3,4,5
Floor:	Ground Floor
Building Name:	Swayambhu
Road/Street Name:	Sujay Garden
Locality:	Mukundnagar
City:	Pune
11.Area of the project	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Applied
	<b>Approved Built-up Area:</b> 118798.11
13.Note on the initiated work (If applicable)	No work Initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applied
15.Total Plot Area (sq. m.)	26333 Sq.m.
16.Deductions	4326.27 sq.m.
17.Net Plot area	22006.73 Sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 70313.78
	b) Non FSI area (sq. m.): 48484.33
	c) Total BUA area (sq. m.): 118798.11
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): -
	Approved Non FSI area (sq. m.): -
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	6636.31
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30.15
21.Estimated cost of the project	2500000000

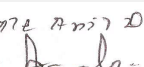

## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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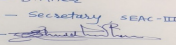
Name - S.D.Aher  
Designation - Secretary SEAC-III  
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**S.D.Aher (Secretary SEAC-III)**

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

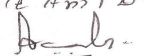
1	A1+A2	3P+15	49.95	
2	B1+B2	3P+15	49.95	
3	C	3P+15	49.95	
4	D	3P+15	49.95	
5	E- Comm.	P+G+3	12.15	
6	Mhada	2P+12	39.95	
7	Club house	G+1	7.2	
<b>23.Number of tenants and shops</b>	898 FLATS + 13 SHOPS + 4 HALLS + 2 RESTAURANTS + 1 CLUB HOUSE			
<b>24.Number of expected residents / users</b>	Residential -4490, Commercial -288			
<b>25.Tenant density per hectare</b>	353			
<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>	Approach Road - 30 mtr.			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Turning radius for easy access of fire tender movement from all around the Building is 9 m			
<b>29.Existing structure (s) if any</b>	Sheds- 2 nos - to be removed. Structures - 3 nos. - will be demolished			
<b>30.Details of the demolition with disposal (If applicable)</b>	Sheds- 2 nos - to be removed. Structures - 3 nos. - will be demolished			
<b>31.Production Details</b>				
<b>Serial Number</b>	<b>Product</b>	<b>Existing (MT/M)</b>	<b>Proposed (MT/M)</b>	<b>Total (MT/M)</b>
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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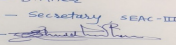
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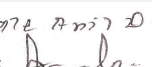

<b>Dry season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	410
	<b>Recycled water - Flushing (CMD):</b>	209
	<b>Recycled water - Gardening (CMD):</b>	16
	<b>Swimming pool make up (Cum):</b>	3.28
	<b>Total Water Requirement (CMD) :</b>	638.28
	<b>Fire fighting - Underground water tank(CMD):</b>	300
	<b>Fire fighting - Overhead water tank(CMD):</b>	Residential-20 for each Bldg, MHADA 25, Commercial-5
	<b>Excess treated water</b>	276
<b>Wet season:</b>	<b>Source of water</b>	Pune Municipal Corporation
	<b>Fresh water (CMD):</b>	410
	<b>Recycled water - Flushing (CMD):</b>	209
	<b>Recycled water - Gardening (CMD):</b>	0
	<b>Swimming pool make up (Cum):</b>	3.28
	<b>Total Water Requirement (CMD) :</b>	622.28
	<b>Fire fighting - Underground water tank(CMD):</b>	350
	<b>Fire fighting - Overhead water tank(CMD):</b>	Residential-20 for each Bldg, MHADA 25, Commercial-5
	<b>Excess treated water</b>	292
<b>Details of Swimming pool (If any)</b>	<p>Dimension of Swimming Pool: Main Pool Size: 6m x 16.67 m x 1.2 m depth  Baby Pool Size: 6 m x 6 m x 0.7 m depth  Area of swimming pool -164 m2  Total water Requirement in KL: 178.80 KL  Water requirement for make up in KLD: 3.28 KLD</p> <p>Details of Plant &amp; Machinery used for treatment of Swimming pool water filters, filter media, Self Priming pump, Control panel for pump, Vacuum fitting  Chemicals required for maintaining the Swimming Pool TCCA (Trichloroicocynuric Acid) granules.Disinfection by: Chlorination  Details of quality to be achieved For swimming pool water and parameters to be monitored:  Sr. No. Parameters Standard  1. pH 7.2 7.6  2. Chlorine level 1 to 1.5 mg/l</p> <p>Capital Cost:  O &amp; M cost: - Capital Cost: 12.25 Lakh  O &amp; M Cost: 2.40 Lakh per annum</p>	
<b>33.Details of Total water consumed</b>		

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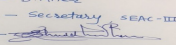
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	Not applicable	410	410	NA	41	41	Not applicable	369	369
Domestic	NA	209	209	NA	21	21	NA	188	188
Gardening	NA	16	16	NA	16	16	NA	0	0

<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	21 to 24 mtr
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	6 nos
	<b>Size of recharge pits :</b>	2.0 m X 2.0 m X 2.50 m
	<b>Budgetary allocation (Capital cost) :</b>	4.50 Lacs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.72 Lac/Annum
<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity (cum) : Residential & Commercial: 559 KL Mhada: 67KL Flushing UG tank Capacity(cum) Residential & Commercial:282 KL Mhada: 34 KL Fire UG tank Capacity (cum) Residential & Commercial: 300 KL Mhada:50 KL	

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

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	557
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	STP 1 - 530 KLD for Residential & Commercial , STP 2 - 60 KLD - MHADA
	<b>Location &amp; area of the STP:</b>	510 - 320m2, 60 - 36 m2
	<b>Budgetary allocation (Capital cost):</b>	147 lacs
	<b>Budgetary allocation (O &amp; M cost):</b>	4.8 lacs/ year

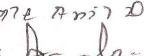

### 36. Solid waste Management

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<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavated Material - 4912 Cum Top Soil - 2912 Cum, Road filling - 1850 cum, Send to own site - 150 cum
	<b>Disposal of the construction waste debris:</b>	It will be reused
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	941
	<b>Wet waste:</b>	1376
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	72 kg/day
	<b>Others if any:</b>	2533 kg/year
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to Local authority ( SWACH)
	<b>Wet waste:</b>	will be treated in Organic Waste Composter
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	E waste handed over to Authorised agency
<b>Area requirement:</b>	<b>Location(s):</b>	East of Plot
	<b>Area for the storage of waste &amp; other material:</b>	OWC 1 -: 76.00 m2 OWC 2 -: 24.00 m2
	<b>Area for machinery:</b>	OWC 1 -: 20 m2, OWC 2 -: 8.00 m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 43.50 Lakhs
	<b>O &amp; M cost:</b>	Rs. 9.36 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

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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	30 KVA	HSD	1	22.4	0.075	408 C
2	140 KVA	HSD	1	3.5	0.15	541 C

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

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

41.Source of Fuel Authorized Dealer

42.Mode of Transportation of fuel to site By road

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2731.47
	<b>No of trees to be cut :</b>	0
	<b>Number of trees to be planted :</b>	330, Existing Trees - 52 nos, Retain trees - 51, Transplant - 1 nos.
	<b>List of proposed native trees :</b>	All
	<b>Timeline for completion of plantation :</b>	5 years

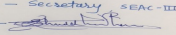
#### 44.Number and list of trees species to be planted in the ground

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

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

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

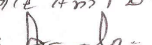
Serial Number	Name	C/C Distance	Area m2
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1	Duranta	0.45	70
2	Golden dew drop	0.45	70
3	Oleander pink	0.45	70
4	Oleander red	0.45	70
5	Oleander white	0.25	70
6	Gaudichaudi	0.25	70
7	Crape jasmine	0.25	70
8	Tagar miniature	0.25	62

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	44 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	4854 KW
	<b>During Operation phase (Demand load):</b>	2367 KVA
	<b>Transformer:</b>	630 KVA- 4 NOS
	<b>DG set as Power back-up during operation phase:</b>	FOR RESIDENTIAL-140 KVA & FOR MHADA-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 PV & Solar water heating will be provided

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

Serial Number	Energy Conservation Measures	Saving %
1	1) Timers and contactors will be used to switch on / off common area & external landscape and facade lighting. 2) Light Emitting Diode (LED) will be used for corridors Lobbies and common areas. 3) Energy efficient led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs. 4) All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliabi	53 %
2	125 Ltrs Solar water is provided for each flat .	82 %
3	Solar PV of 4KW is proposed for Common Area Lighting lighting.	35%

### 50. Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 187.53 lacs
	<b>O &amp; M cost:</b>	Rs. 16.95 Lacs/annum

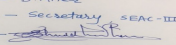
## 51.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression	1.44
2	Air	Air & Noise Monitoring	0.48
3	Water	Tanker Water For Construction	6
4	Water	Water Monitoring	0.6
5	Land	Site Sanitation- Mobile toilets	2.4
6	Biological	Gardening Set Up and top soil preservation	9.36
7	Socio- Economic Environment	Disinfection- Pest Control	0.18
8	Socio- Economic Environment	First Aid Facilities	0.3
9	Socio- Economic Environment	Health Check Up	0.1
10	Socio- Economic Environment	Creches For Children	0.6
11	Socio- Economic Environment	Personal Protective Equipment	0.6
12	Socio- Economic Environment	CFL Lamp for hutment	0.01
13	Total	total	22.07

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

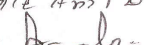
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2 no STP will be provided	147.00	4.8
2	Rain Water Harvesting	6 no pit will be provided	4.5	0.7
3	Solid Waste Management	2 no OWC will be provided	43.50	9.36
4	Green Belt Development	RG will be provided	35.67	5.00
5	Energy Use (Solar panel/Solar water heating )	Energy saving	187.53	16.95
6	Storm/Drainage Line	Laying of Lines	35	1.2

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7	Environmental Monitoring	From MoEFCC approved laboratory	0	18.74
8	Disaster Management	DMP	45.30	1.81
9	Total	Total	498.50	58.56

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

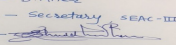
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

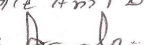

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	Covered - 22920 sq.m.
	Total Parking area:	28140 Sq.m.
	Area per car:	Open - 25 Sq. Mt. Covered - 30 Sq.Mt.
	Area per car:	Open - 25 Sq. Mt. Covered - 30 Sq.Mt.
	Number of 2-Wheelers as approved by competent authority:	Scooter - 1970 Bi-Cycle - 1113
	Number of 4-Wheelers as approved by competent authority:	964
	Public Transport:	Pune MahanagarParivahanMahamandal Limited ( PMPML) Balewadi Bus depot
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA

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	<b>Category as per schedule of EIA Notification sheet</b>	8a (B2)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	08-04-2017

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

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

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

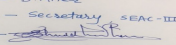
During the meeting committee noted that as per notification dated 09/12/2016 MOEF & CC, building and construction projects having built up area  $\leq 1,50,000$  Sq.Mtrs., the integrated environmental conditions with the building permission being granted by the local Planning authority. Accordingly,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

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

Now in 64 th meeting PP submitted their application for prior Environmental clearance for total plot area of 26400 Sq. Mtrs, BUA of 110056 Sq. Mtrs and FSI area of 66683 Sq. Mtrs. PP proposes to construct 6 no. residential building and 1 club house.

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

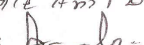
## DECISION OF SEAC

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

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

**SEAC Meeting No: 64 Meeting Date: April 12, 2018**

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Name: K. Anil Kale  
Signature: 

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

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

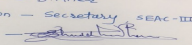
**Specific Conditions by SEAC:**

- 1) PP to submit undertaking for assured water supply
- 2) PP to submit exiting tree list and additional tree species should be add.
- 3) PP to submit debris management plan.
- 4) PP to submit revised RWH Plan.
- 5) PP to submit revised parking arrangement.
- 6) PP to submit CFO NOC for building no A,B,C & MADHA bldg..

**FINAL RECOMMENDATION**

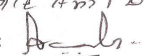
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-00000000072

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

**SEAC Meeting No: 64 Meeting Date: April 12, 2018**

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 12, 2018**

**Subject:** Environment Clearance for New Construction Project by M/s Vaishanavi Mahila Unnati Sanstha

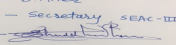
**Is a Violation Case:** No

**General Information:** Time: 10:00 am onwards Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400020

1.Name of Project	Vaishanavi City Phase -2
2.Type of institution	Private
3.Name of Project Proponent	Mrs.Rajashree Dattatray Nagane
4.Name of Consultant	M/s Saitech Research & Development Organization
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No.23/3/1, 23/3/2, 23/3/3, Uruli Devachi, Handewadi Rd, Near JSPM Collage
9.Taluka	Haveli
10.Village	Uruli Devachi
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 41306.64
13.Note on the initiated work (If applicable)	8419.96 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	20100.00
16.Deductions	4787.04
17.Net Plot area	15312.96
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Residential- 19867.52 and School + Hospital- 2982.68 Total FSI=22850.20
	b) Non FSI area (sq. m.): Residential- 16603.39 and School + Hospital- 1853.05 Total FSI=18456.04
	c) Total BUA area (sq. m.): 41306.64
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)	3242.22
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.13 % Total Plot Area, 21.17 % Net Plot Area
21.Estimated cost of the project	1040000000

## 22.Number of buildings & its configuration

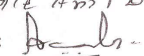
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	BLDG A1	(P+10)	31.50
2	BLDG A2	(P+10)	31.50
3	BLDG B1	(P+9)	28.65

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

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

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

4	BLDG B2	(P+9)	28.65
5	BLDG C1	(P+9)	28.65
6	BLDG C2	(P+9)	28.65
7	BLDG D	(P+9)	28.65
8	BLDG E (School)	(LP+UP+5)	21.15
9	BLDG F (Hospital)	(LP+UP+5)	19.37
10	BLDG F (Hospital)	(LP+UP+5)	19.37

**23.Number of tenants and shops** Residential - 639 Nos.  
School - 1nos. & Hospital - 1nos.

**24.Number of expected residents / users** Residential Population- 3195 Nos., School Population- 361 Nos., Hospital Population- 205 Nos.

**25.Tenant density per hectare** 317.91

**26.Height of the building(s)**

**27.Right of way (Width of the road from the nearest fire station to the proposed building(s))** 18.00 m wide Road

**28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation** 9 m

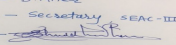
**29.Existing structure (s) if any** NA

**30.Details of the demolition with disposal (If applicable)** NA

### 31.Production Details

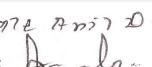
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

### 32.Total Water Requirement

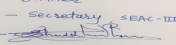
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**Shri. Anil Kale (Chairman SEAC-III)**


Dry season:	Source of water	Urali Devachi Grampanchayat							
	Fresh water (CMD):	541.83							
	Recycled water - Flushing (CMD):	162.01							
	Recycled water - Gardening (CMD):	24.60							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	355.22							
	Fire fighting - Underground water tank(CMD):	400							
	Fire fighting - Overhead water tank(CMD):	140							
	Excess treated water	278.95							
Wet season:	Source of water	Urali Devachi Grampanchayat							
	Fresh water (CMD):	517.23							
	Recycled water - Flushing (CMD):	162.01							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	355.22							
	Fire fighting - Underground water tank(CMD):	400							
	Fire fighting - Overhead water tank(CMD):	140							
	Excess treated water	303.55							
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	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Name - S.D.Aher  
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 Sign 

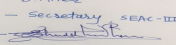
**S.D.Aher (Secretary SEAC-III)**

**SEAC Meeting No: 64 Meeting Date: April 12, 2018**

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

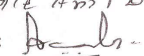
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season - 18.67 m. to 22.67 m. BGL., Rainy Season - 6.00 m. to 11.00 BGL., Winter Season -12.34 m. to 16.84 m. BGL.
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	3 Nos.
	<b>Size of recharge pits :</b>	2.0 m. X 2.0 m. X 1.5 m.
	<b>Budgetary allocation (Capital cost) :</b>	2.00 Lakh.
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.20 Lakh /year.
	<b>Details of UGT tanks if any :</b>	Residential: Domestic UG tank Capacity : 431 m3 Flushing tank capacity: 144 m3 Fire UG tank Capacity: 400 m3  School : Domestic UG tank Capacity:11 m3 Flushing tank capacity: 9 m3 Fire UG tank Capacity: NA  Hospital: Domestic UG tank Capacity:91 m3 Flushing tank capacity: 9 m3 Fire UG tank Capacity: NA
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	9469.85 m3 per year
	<b>Size of SWD:</b>	300 mm dia pipe
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Residential: 388.18 m3/day, School and Hospital:77.38 m3/day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	Residential: 410 m3/day x 1no., School and Hospital: 81 m3/day x 1no.
	<b>Location &amp; area of the STP:</b>	Residential): 226.00 m2, School and Hospital: 82.40 m2
	<b>Budgetary allocation (Capital cost):</b>	Residential: 55.20 Lakh, School and Hospital: 18.87 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Residential: 10.40 Lakh/year, School and Hospital: 3.10 Lakh/year
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	30 kg/day
	<b>Disposal of the construction waste debris:</b>	Use of Leveling

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

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

<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Residential: 766.80 kg/day , School: 28.88 kg/day , Hospital: 60.00 kg/day
	<b>Wet waste:</b>	Residential: 1150.20 kg/day , School: 43.32 kg/day , Hospital: 90.00 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	25.00 kg/month
	<b>STP Sludge (Dry sludge):</b>	47.00 kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Authorized vender
	<b>Wet waste:</b>	OWC
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	Authorized vender
	<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>	67.50 m2 & 25.00 m2 (including machinery area)
	<b>Area for machinery:</b>	-
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Residential: 16.00 Lakh, School & Hospital: 5.74 Lakh
	<b>O &amp; M cost:</b>	Residential: 7.50 Lakh/year, School & Hospital: 4.14 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):		2.00 m3/day			
Capacity of the ETP:		2.00 m3/day			
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		Primary Treatment			
Disposal of the ETP sludge		Not applicable			

### 38.Hazardous Waste Details

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

### 39.Stacks emission Details

Name - S.D.Aher Designation - Secretary SEAC-III Sign  <b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b>	<b>Page 16 of 103</b>	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	HSD	3	5.42 M , 5.48 M 5.48 M	to be provided	to be provided

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

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	30 Lits /Hrs. For Residential,32 Lits/Hrs. For School, 32 Lit/Hrs. For Hospital	30 Lits /Hrs. For Residential,32 Lits/Hrs. For School, 32 Lit/Hrs. For Hospital

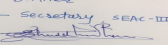
41.Source of Fuel	Bharat Petroleum Corporation Limited/Hindustan Petroleum
42.Mode of Transportation of fuel to site	By roadway

43.Green Belt Development	Total RG area :	2001.69
	No of trees to be cut :	NA
	Number of trees to be planted :	265
	List of proposed native trees :	-
	Timeline for completion of plantation :	Mid of Construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	08	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	37	Evergreen timber plant, ornamental,
3	Mimusopes elengi	Bakul	19	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	41	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	25	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	35	Used in pesticide & dye preparation,
7	Cassia grandis	Pink shower	07	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sita ashok	07	Evergreen medicinal plant
9	Roystonea regia	Royal palm	38	Nitrogen fixer, ornamental plant
10	Syzygium cumini	Jambhul	32	fruit tree & bird attracting
11	Neolamarkia cadamba	Kadamba tree	08	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango tree	08	Evergreen & bird attracting tree

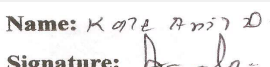

#### 45.Total quantity of plants on ground

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

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

**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>	63KVA
	<b>DG set as Power back-up during construction phase</b>	1 X 62.5 KVA
	<b>During Operation phase (Connected load):</b>	2565 KW
	<b>During Operation phase (Demand load):</b>	1497 KW
	<b>Transformer:</b>	2 No. X 630 KVA & 2 Nos. X 315 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 No. X 160 KVA (Residential) ,1 No. X 180 KVA (School), 1 No. X 180 KVA (Hospital)
	<b>Fuel used:</b>	30 Lits / Hrs. For Residential , 32 Lits / Hrs. For School, 32 Lits / Hrs. For Hospital
<b>Details of high tension line passing through the plot if any:</b>	NA	

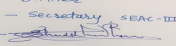
**48.Energy saving by non-conventional method:**

- 1 Using CFL, LED & Solar system in parking area, Lift-lobby and stair-case.
- 2 Using Low Wattage CFL in place of metal Halide in External Lights, LED.
- 3 Using Solar Water Heaters in Common Toilet of each Flat.
- 4 Using 10% Lighting of Common area on Solar
- 5 Using CFL in internal Toilet area.

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

Serial Number	Energy Conservation Measures	Saving %
1	Low power high efficiency CFL/LED lights in Land-scpe & Street lights.	7008 KWH
2	Low power high efficiency CFL/LED lights in Solar Street Lights.	7008 KWH
3	Low power high efficiency T5/LED lights for Parking & Lobby Area.	15936 KWH
4	Energy saving by solar water heater.	1117611 KWH
5	Total of all Savings for ( per year )	1147563 KWH
6	Total of all Savings for ( per Day )	3144 KWH
7	Total Energy Consumption With Energy Saving Measure = Demand Load x 24 Hrs	35923 KWH

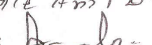
**50.Details of pollution control Systems**

Name - S.D.Aher  
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Sign - 

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

**SEAC Meeting No: 64 Meeting Date: April 12, 2018**

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

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	100.4 Lakh
	<b>O &amp; M cost:</b>	2.1 Lakh/Year

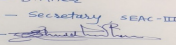
## 51.Environmental Management plan Budgetary Allocation

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

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

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

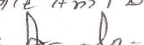
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (410 m3/day)	Sewage Treatment Plant	55.20	10.40
2	STP (81 m3/day)	Sewage Treatment Plant	18.87	3.10
3	ETP	Effluent Treatment Plant	5.00	1.20
4	RWH	Rain Water Harvesting	2.00	0.20
5	MSW 1	Municipal Solid Waste	16.00	7.50
6	MSW 2	Municipal Solid Waste	5.74	4.14
7	Energy System	-	100.4	2.10
8	Solar PV Panel	-	18.40	0.70
9	Landscaping	-	23.96	2.31
10	Safety Equipment	-	10.00	2.00
11	Post EC Monitoring	-	-	2.50
12	Dry Waste Management	-	-	3.83

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

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

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

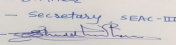
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## 52.Any Other Information

No Information Available

## 53.Traffic Management

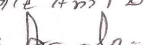
	Nos. of the junction to the main road & design of confluence:	-
<b>Parking details:</b>	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	7500 m <sup>2</sup>
	Area per car:	163.04 m <sup>2</sup>
	Area per car:	163.04 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1209
	Number of 4-Wheelers as approved by competent authority:	46
	Public Transport:	NA
	Width of all Internal roads (m):	12 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA

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

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

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	23-09-2016

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Proposed project Vaishanavi City Phase -2' at S.No.23/3/1, 23/3/2, 23/3/3, UruliDevachi, Handewadi Rd, Near JSPM Collage, TehsilHaveli, District: Pune..(Compliance case)

PP submitted their application for prior Environmental clearance for total plot area of 20,100.00 Sq. Mtrs, BUA of 41,306.64 Sq. Mtrs and FSI area of 22,850.20 Sq. Mtrs. PP proposes to construct 7 nos. of residential buildings, 1 no. of School building, 1 no. of hospital building having maximum height of 31.50 Mtrs, and a club house.

During deliberations, PP informed that the construction admeasuring 495.80 Sq. Mtrs. have been completed without obtaining the prior Environment Clearance is a violation of EIA Notification, 2006. However, considering Hon'ble High Court Orders and subsequent circular of Environment Department dated 21.04.2015, committee appraised the project.

The case was earlier considered in 55<sup>th</sup> meeting of the SEAC - III held from 6<sup>th</sup> to 9<sup>th</sup> September, 2016.

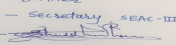
### DECISION OF SEAC

***During discussion representative of consultant stated that PP has already got EC from Local Authority. Committee decided to delist the proposal from dashboard.***

**Specific Conditions by SEAC:**

### FINAL RECOMMENDATION

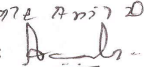
Kindly find SEAC decision above.

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

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

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Name: K. Anil Kale  
Signature: 

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 12, 2018**

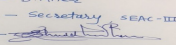
**Subject:** Environment Clearance for Environment Clearance for project By M/s. Sai Tirupati Properties

**Is a Violation Case:** No

1.Name of Project	Sai Tirupati Greens
2.Type of institution	Private
3.Name of Project Proponent	Mr. Suresh Vitthalrao Patil
4.Name of Consultant	JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Expansion
8.Location of the project	S. No. 131/2, 131/1/1A/1/2, 131/1/1A/2, Wadmukhwadi, Tal-Haveli, Pune.
9.Taluka	Haveli
10.Village	Wadmukhwadi,
Correspondence Name:	Mr. Suresh Vitthalrao Patil
Room Number:	A-56,
Floor:	-
Building Name:	Vitthal Vishwa
Road/Street Name:	Kasturba Co-Operative Housing Society Ltd., Vishrantwadi
Locality:	Pune
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: 75641.16
13.Note on the initiated work (If applicable)	29171.53 m <sup>2</sup>
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	20% of net plot Area (3961.88 m <sup>2</sup> Built Up Area)
15.Total Plot Area (sq. m.)	32000 m <sup>2</sup>
16.Deductions	12198.94 m <sup>2</sup>
17.Net Plot area	19801.06 m <sup>2</sup>
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 26699.21 m <sup>2</sup> + 3961.88 m <sup>2</sup> MHADA
	b) Non FSI area (sq. m.): 44980.07 m <sup>2</sup>
	c) Total BUA area (sq. m.): 75641.16
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 (m <sup>2</sup> )	3891.82 m <sup>2</sup> ( Including MHADA BLDG))
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.65 % of Net Plot Area (19801.06 m <sup>2</sup> ) 12.16 % of Total Plot Area (32000 m <sup>2</sup> )
21.Estimated cost of the project	1250000000

## 22.Number of buildings & its configuration

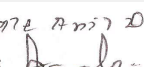

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

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Name:   
Signature: 

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

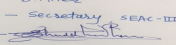
1	A	P+12	38.35 m
2	B	P+12	38.35 m
3	C	P+12	38.35 m
4	D	P+12	38.35 m
5	E	P+12	38.35 m
6	F	P+P+7	29.85 m
7	MHADA Bldg.	P+10	32.045 m
8	Parking	G+1	--

<b>23.Number of tenants and shops</b>	Residential- 547+ 77 (MHADA) = 624 Commercial -816.70 m2 Shop - 20 Nos
<b>24.Number of expected residents / users</b>	Residential Users: 2735 Nos. + 385 Nos (MHADA) =3120 Nos. Commercial Users: 160 Nos. Total Population: 3280 Nos.
<b>25.Tenant density per hectare</b>	190
<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 (Alandi 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

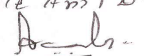
### 32.Total Water Requirement

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

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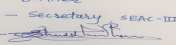
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**Shri. Anil Kale (Chairman SEAC-III)**

Dry season:	Source of water	PCMC
	Fresh water (CMD):	284.5 m3/day
	Recycled water - Flushing (CMD):	144.40 m3/day
	Recycled water - Gardening (CMD):	32.4 m3/day
	Swimming pool make up (Cum):	0.5 m3/day
	Total Water Requirement (CMD) :	461.29 m3/day
	Fire fighting - Underground water tank(CMD):	250 m3
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	209.2 m3/day
Wet season:	Source of water	PCMC
	Fresh water (CMD):	284.5 m3/day
	Recycled water - Flushing (CMD):	144.40 m3/day
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	0.5 m3/day
	Total Water Requirement (CMD) :	428.89 m3/day
	Fire fighting - Underground water tank(CMD):	250 m3
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	241.6 m3/day
Details of Swimming pool (If any)	Dimension of Swimming Pool: 39 Ft X 21 Ft Baby Pool - 9.5 Ft X 9.5 Ft	
	Total water Requirement in KLD: 100 Water requirement in KLD: 0.5  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: • Capital cost : Rs. 15.50 Lakh • O & M Cost : Rs. 2.00 Lakh/Year	

### 33.Details of Total water consumed

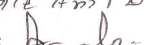
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									

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

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



Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	8 to 15 m							
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA							
	<b>Location of the RWH tank(s):</b>	NA							
	<b>Quantity of recharge pits:</b>	6 NOS							
	<b>Size of recharge pits :</b>	-							
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 3.75 Lakh							
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.03 Lakh/Year							
	<b>Details of UGT tanks if any :</b>	Drinking UG tank Capacity : 71.40 m <sup>3</sup> Domestic UG tank Capacity : 354.60 m <sup>3</sup> Flushing UG tank Capacity : 144.40 m <sup>3</sup> Fire UG tank Capacity :250 m <sup>3</sup>							
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-							
	<b>Quantity of storm water:</b>	15.56 m <sup>3</sup>							
	<b>Size of SWD:</b>	300 mm, 450 mm Channel, 450 mm Diameter Outlet							
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	385.99							
	<b>STP technology:</b>	MBBR							
	<b>Capacity of STP (CMD):</b>	2 no 350 m <sup>3</sup> /day & 50 m <sup>3</sup> /day							
	<b>Location &amp; area of the STP:</b>	208.45 m <sup>2</sup>							
	<b>Budgetary allocation (Capital cost):</b>	STP - 1 Rs. 1.22 Cr. & STP - 2 Rs. 31.00 Lakh							
	<b>Budgetary allocation (O &amp; M cost):</b>	STP - 1 Rs. 6.00 Lakh/year & STP - 2 - Rs. 4.00 Lakh/year							
<b>36.Solid waste Management</b>									
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	25 kg/day							
	<b>Disposal of the construction waste debris:</b>	Use for Leveling							
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	837 Kg/day + 116 Kg/day							
	<b>Wet waste:</b>	571 Kg/Day + 77.00 Kg/Day							
	<b>Hazardous waste:</b>	NA							
	<b>Biomedical waste (If applicable):</b>	NA							
	<b>STP Sludge (Dry sludge):</b>	35.27 kg/day							
	<b>Others if any:</b>	Na							
<b>S.D.Aher (Secretary SEAC-III)</b>		<b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b>				<b>Page 25 of 103</b>		<b>Shri. Anil Kale (Chairman SEAC-III)</b>	

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	SWACH
	<b>Wet waste:</b>	Organic waste Converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	--
	<b>Area for the storage of waste &amp; other material:</b>	80 m2 & 28 m2
	<b>Area for machinery:</b>	-
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	OWC 1- Rs. 22.75 Lakh & OWC 2 - Rs. 11.25 Lakh
	<b>O &amp; M cost:</b>	OWC 1- Rs. 5.24 Lakh/ Year & OWC 2 - Rs. Rs. 2.17 Lakh/ Year

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

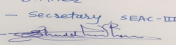
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG SET	HSD	1	3.5mtr	Not applicable	Not applicable

### 40. Details of Fuel to be used

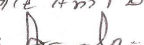

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	56.9 Litr/HR	56.9 Litr/HR
41. Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By roadway		

Name - S.D.Aher  
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Sign - 

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

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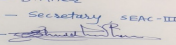
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Name:   
Signature:   
**Shri. Anil Kale (Chairman SEAC-III)**

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2886.89 m2 (Res +comm.) +220.34 m2 ( MHADA) = 3107.23 m2
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	426 Nos
	<b>List of proposed native trees :</b>	426 Nos
	<b>Timeline for completion of plantation :</b>	Mid of construction

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

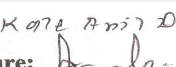

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Caryota urens	Fish Tail Palm	12	Grown in any type of soil. Very Hardy
2	Bahunia racemosa	Apta	12	Every part of the plant is medicinal, Drought tolerant species
3	Citrus species	Lemon	12	Medicinal value, Edible fruit.
4	Dalbergia sissoo	Shisav	12	Medicinal value, Bird attracting species
5	Erythrina indica	Pangara	12	Fragrant flowers, Drought tolerant species, Birds attracting
6	Gmellina arborea	Shivan	12	Medicinal value, Drought tolerant species, Bird attracting species.
7	Mimosups elengii	Bakul	12	Fragrant flowers, Medicinal value, To control soil erosion
8	Phoenix roebelenii	Date Palm	12	Ornamental plant, Medicinal value, Birds & bats eat fruits.
9	ChocAegle mameelos	Bell	8	Medicinal value, Edible fruit
10	Murraya koengii	Kadipatta	8	Medicinal value, Edible leaves
11	Nyctanthus rbortnstis	Parijatak	8	Fragrant flowers, Medicinal value
12	Putrnjiva roxburghii	Putrnjiva	8	Medicinal value, Drought tolerant species
13	Azadirecta indica	Neem	20	Medicinal value, To control soil erosion. To improve soil erosion
14	Albizzia lebbek	Shirish	12	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds ).
15	Anthocephallus kadamba	Kadamb	12	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
16	Bahunia blackiana	Kanchan-raj	12	Every part of the plant is medicinal, Drought tolerant species
17	Bahunia purpurea	Gulabi Kanchan	12	Every part of the plant is medicinal, Drought tolerant species.
18	Butea monosperma	Palas	12	Medicinal value, Bird attracting species , To control soil erosion.

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

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

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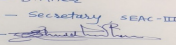
19	Cassia fistula	Bahava	12	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
20	Cordia dichotoma	Bhokar	12	Medicinal value, Edible fruits
21	Dalbergia sissoo	Shisav	12	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds
22	Elaeocarpus sphaencus	Rudraksh	12	Medicinal value, Native species
23	Ailanthus excelsa	Maharukh	12	Medicinal value, To control soil erosion
24	Ficus microcarpa	Nandruk	12	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant
25	Phaylanthus embelica	Awla	12	Medicinal value
26	Mangifera indica	Mango	8	Edible fruit, Bird attracting species.
27	Ficus arnottiana	Payar	8	Drought tolerant species, Bird attracting species. To control soil erosion.
28	Saraca indica	Sita Ashok	8	Medicinal value, Religious plant.
29	Syzygium cumini	Jamun	8	Medicinal value, Edible fruit
30	Ficus glomerata	Umber	8	Medicinal value, Edible fruits, Bird attracting species
31	Michelia champaca	Sonchafa	8	Fragrant flowers, Medicinal value,
32	Pongamia pinnata	Karanj	8	Medicinal value, Drought tolerant species, To control soil erosion. Hardy plant.

45.Total quantity of plants on ground

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

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

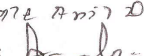
**47.Energy**

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

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

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

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	50KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA - 2 No.
	<b>During Operation phase (Connected load):</b>	2516.5 KVA
	<b>During Operation phase (Demand load):</b>	1765.1 KVA
	<b>Transformer:</b>	3 Nos.630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 x 125 KVA & 1 x 250 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

1. Using LED in Parking area, lift-lobby and stair-case .
2. Using LED in Place of Metal Halide in External Lights..
3. Using Solar Water Heaters in each Flat master toilet.
4. Using 30% Lighting in common area and 50% street lights on solar energy

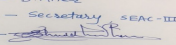
• % of saving by adopting above energy conservation methods: 21%

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

Serial Number	Energy Conservation Measures	Saving %
1	Total energy saved using LED	22.8 KW
2	Total energy saved from LED lamps	2.1 kw
3	Total energy saved from external lighting	3.1 kw
4	Total energy saved in amenity area lighting is	0.7 kw
5	Total KW saved by solar water heater	936 kw
6	Total energy saved in residential area	969.4 kw

#### 50. Details of pollution control Systems

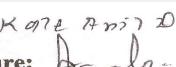

Source	Existing pollution control system	Proposed to be installed
Air	Not applicable	Green belt will be provided.
Water	Not applicable	STP will be installed & excess treated water used for flushing & gardening
Noise	Not applicable	Noise monitoring will be done in once a fortnight. Traffic management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

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<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.48.56 Lakh
	<b>O &amp; M cost:</b>	Rs. 2.42 Lakh /Year

## 51.Environmental Management plan Budgetary Allocation

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

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

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

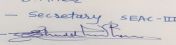
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1 & STP 2	Sewage Treatment plant	122 & 31	6 & 4
2	RWH	Rain Water Harvesting	3.75	0.56
3	MSW 1 & MSW 2	Solid Waste Management	22.75 & 5.24	11.25 & 2.17
4	Swimming Pool	Swimming Pool	15.50	2.0
5	Energy System	Energy System	48.56	2.42
6	Landscaping	Landscaping	62.00	9.85
7	Dry Waste Management	Dry Waste Management	-	3.74
8	Safety Equipment	Safety Equipment	10	2.0
9	Post EC Monitoring	Post EC Monitoring	-	2.5

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

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

## 52.Any Other Information

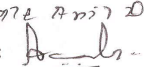
No Information Available

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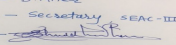
### 53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	--
<b>Parking details:</b>	Number and area of basement:	NA
	Number and area of podia:	-
	Total Parking area:	15591.4 m <sup>2</sup>
	Area per car:	46.96 m <sup>2</sup>
	Area per car:	46.96 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1310
	Number of 4-Wheelers as approved by competent authority:	332
	Public Transport:	-
	Width of all Internal roads (m):	6 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	18-01-2017

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

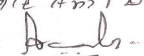
### Brief information of the project by SEAC

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Environment Clearance for project at S. No. 131/2, 131/1/1A/1/2, 131/1/1A/2, Wadmukhwadi, Tal-Haveli, Pune. By **M/s. Sai Tirupati Properties.**

PP submitted their application for expansion of Environmental clearance for total plot area of 32000 Sq. Mtrs, BUA of 75641.16 Sq. Mtrs and FSI area of 26699.21 + 3961.88 Sq. Mtrs. PP proposes to construct 7 no. residential building.

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

### DECISION OF SEAC

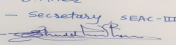
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) PP to submit an undertaking regarding no change in footprint.
- 2) PP to submit NOC for Water supply.
- 3) PP to submit drainage NOC.
- 4) PP to submit sewer line connectivity plan up to final disposal.
- 5) PP to submit plan for tree plantation.
- 6) PP to submit revised CFO NOC.
- 7) PP to submit details of swimming pool water treatment.
- 8) PP to submit DMP.
- 9) PP to submit revised STP drawing and submit undertaking to achieve CPCB standards.
- 10) PP to submit drawing /plan of storm water drainage line up to final disposal along with details of chambers & municipal chamber
- 11) PP to submit cross sections of the plot boundary showing the Strom water drain, space left in between compound wall, tree plantation line, and internal road.
- 12) PP to submit energy saving Calculations.
- 13) PP to provide parking statement.
- 14) PP to submit revised parking plan by separating / isolation of the residential and commercial area.

### FINAL RECOMMENDATION

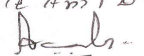
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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## 64 th Meeting of SEAC-3

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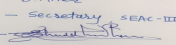
**Subject:** Environment Clearance for Application of Environmental Clearance for Amendment in Residential & Commercial project "Abhiruchi Parisar" at Village- Dhayari, Taluka- Haveli, District- Pune, Maharashtra

**Is a Violation Case:** No

1.Name of Project	Proposed Amendment in residential & commercial project "Abhiruchi Parisar"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Alok Nayak (Paranjape Schemes (Construction) Ltd.)
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental Clearance vide no. SEAC-III/CR 131/TC-3 dated 28 January, 2016
8.Location of the project	S. No.24/1 (part) + 25, at village Dhayari Taluka-Haveli, District- Pune
9.Taluka	Haveli
10.Village	Dhayari
11.Area of the project	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Commencement certificate no.CC/1215/16 Dated 06/08/2016
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Commencement certificate no.CC/1215/16 Dated 06/08/2016
	<b>Approved Built-up Area:</b> 136804.149
13.Note on the initiated work (If applicable)	Construction work started as per received Environmental Clearance
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved plan by Pune Municipal Corporation (PMC) approved under Commencement Certificate No. CC/1215/16 dated 06/08/2016
15.Total Plot Area (sq. m.)	101242.500 m <sup>2</sup>
16.Deductions	29360.486 m <sup>2</sup>
17.Net Plot area	71882.014 m <sup>2</sup>
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 136784.897
	b) Non FSI area (sq. m.): 152780.00
	c) Total BUA area (sq. m.): 289564.897
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 (m <sup>2</sup> )	14376.403
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20 %
21.Estimated cost of the project	6229200000

## 22.Number of buildings & its configuration

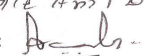
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower 1 - Wing 1A, 1B & 1C	LP + UP +Stilt P+14 Floors	49.525
2	Tower 2 - Wing 2A, 2B	LP + UP +15 Floors	49.500
3	Tower 3 - Wing 3A, 3B	LP + UP +Stilt P+15 Floors	49.950
4	Tower 4 - Wing 4A, 4B, 4C	LP + UP +Stilt P+15 Floors	49.950
5	Tower 5 - Wing 5A, 5B, 5C	LP + UP +Stilt P+15 Floors	49.950

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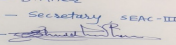
6	Tower 6 - Wing 6A, 6B, 6C	LP + UP + Stilt P+15 Floors	49.950
7	Tower 7 - Wing 2A, 2B	LP + UP +15 Floors	49.500
8	Tower 8 - Wing A	P + 5 Floors	19.15
9	Tower 9 - Wing B	LP + UP +15 Floors	47.78
10	Tower 10 - Wing C	LP + UP +15 Floors	49.95
11	MHADA-1 Wing A	P +11 Floors	34.95
12	MHADA-1 Wing B	P +11 Floors	34.95
13	MHADA-2	P +11 Floors	35.25
14	Club House	G +1	10.65
15	Club House	G +1	10.65
16	Club House	G +1	10.65

<b>23.Number of tenants and shops</b>	Number of tenants 2456 nos. & 38 nos. shops
<b>24.Number of expected residents / users</b>	Residential users - 12580 no. and Commercial user- 250 no.
<b>25.Tenant density per hectare</b>	350/ha
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	9 m, 12 m & 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>	Internal road is 9 m
<b>29.Existing structure (s) if any</b>	Construction work at site is carried out as per received Environmental Clearance vide no. SEAC-III/CR 131/TC-3 dated 28 January, 2016
<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

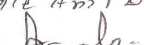
### 32.Total Water Requirement

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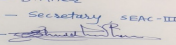
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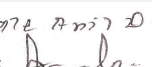

Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	1190							
	Recycled water - Flushing (CMD):	600							
	Recycled water - Gardening (CMD):	131							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1941							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	619							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	1190							
	Recycled water - Flushing (CMD):	600							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1810							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	750							
Details of Swimming pool (If any)	Dimension of Swimming Pool: Main Pool - 26m X 8m X 1.2m depth and Kids Pool - 6.30m X 8.09m X 1.2m depth Total area of Pool is 259 Sq. m. CAP= 310 M3 Water requirement for make up in KLD: -2000 lit/day								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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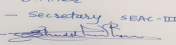
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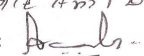
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	10 m to 15 m below ground level
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	25 nos. of recharge pits
	<b>Size of recharge pits :</b>	1.5m x 1.5m x 2.5m depth
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 25 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1 Lakh/year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank capacity: 1785 m3 Flushing UG tank capacity: 600 m3 Fire UG tank capacity: 570 m3
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Along with internal road side & as per contour slop of the plot
	<b>Quantity of storm water:</b>	10,150 m3/hr
	<b>Size of SWD:</b>	1200 mm wide & 700 mm depth
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1,611 m3/day
	<b>STP technology:</b>	MBBR technology
	<b>Capacity of STP (CMD):</b>	3 nos. having capacity 1,660 m3/day
	<b>Location &amp; area of the STP:</b>	Location: On ground & Area: -962.95 m2
	<b>Budgetary allocation (Capital cost):</b>	Rs. 182 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 10 Lakh/year
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	6095.70 kg/day
	<b>Disposal of the construction waste debris:</b>	This material shall be used for back filling and levelling of the plot.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	2329.75 kg/day
	<b>Wet waste:</b>	3765.95 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	7 kg/day
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be segregated & handed over to authorized vendors for recycling
	<b>Wet waste:</b>	Wet garbage will be treated by using composting method.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Dry sludge can be used as manure for plantation & gardening purposes inside the premise.
	<b>Others if any:</b>	E-waste: handed over to authorized vendors Trishiraya Recycling India Pvt. Ltd. Chennai for environmental friendly recycling.
<b>Area requirement:</b>	<b>Location(s):</b>	On ground
	<b>Area for the storage of waste &amp; other material:</b>	313 m2
	<b>Area for machinery:</b>	51.23 m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 52.00 Lakh
	<b>O &amp; M cost:</b>	Rs. 5.00 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

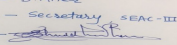
### 39. Stacks emission Details

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

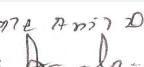

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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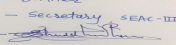
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42.Mode of Transportation of fuel to site		Not applicable
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	8,709 m2
	<b>No of trees to be cut :</b>	399 trees will be transplanted
	<b>Number of trees to be planted :</b>	3,025 nos.
	<b>List of proposed native trees :</b>	Provided
	<b>Timeline for completion of plantation :</b>	3 years

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

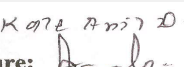

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Neem Tree	Azadirachta Indica	160	Young leaves are reddish to purple in color and turn into dark green pinnate leaves on maturity Neem products have medicinal properties that prove to be anthelmintic, antifungal, anti-diabetic, antibacterial, antiviral, anti-fertility and sedative
2	Kanchan	Bauhinea Purpurea	172	Flowering plant It is a small to medium sized deciduous tree growing to 17 m tall and this flower extract is made from the gum of the bark and is used for medicinal purposes
3	Bahava / golden shower tree	Cassia Fistula	110	Flowering tree. Golden shower tree is a medium-sized tree, growing to 10-20 m. Tree has strong and very durable wood, & has been used to construct. Also having Medicinal use
4	Fishtail palm	Caryota Urens	610	They are often known as fishtail palms because of the shape of their leaves And its large, doubly compound leaves It has a beautiful texture with its fan-shape individual leaflets, resembling a giant fishtail. Fishtail palms grow best in moist soil, but they tolerate dry conditions quite well. This palm bears light green leaves that turn deeper green in partial shade.
5	Indian coral tree	Erythrina Indica	300	Flowering tree Indian Coral Tree is a showy, spreading tree legume with brilliant red blossoms. This highly valued ornamental has been described as one of the gems of the floral world.
6	Pride of India	Largerstroemia Flos Reginae	180	Flowering tree It is a small to medium-sized tree

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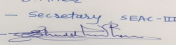
7	Bakul	Mimusopes Elengi	170	Flowing tree and is a medium-sized evergreen tree. Its timber is valuable, the fruit is edible, and it is used in traditional medicine
8	Pivala Chafa	Michelia Champaca	67	Yellow flowers are most fragrant at night
9	Indian Cork tree	Millingtonia Hortensis	208	Flowering tree and most fragrant at night
10	Mango tree	Mangifera Indica	94	Fruit tree
11	Kunti	Murraya Paniculata	207	is a tropical, evergreen plant bearing small, white, scented flowers, which is grown as an ornamental tree
12	Frangipani/ chapha tree	Plumeria Alba	400	Flowering plant, shrub type, Plumeria flowers are most fragrant at night
13	Putranjiva tree	Putranjiva Roxburghi	183	Putranjiva is a famous, moderate-sized, evergreen tree, growing up to 12 m in height. It has pendant branches and dark grey bark having horizontal lenticels. Leaves are simple, alternately arranged, dark green, shiny, elliptic-oblong, distantly serrated. Bark and leaves used as medicine; leaves and fruits used as medicine for rheumatism
14	Sita ashok tree	Saraca Asoca	66	The ashoka is a rain-forest tree Its flowering season is around February to April. The ashoka flowers come in heavy, lush bunches. They are bright orange-yellow in color, turning red before wilting.
15	Umbrella tree	Terminalia Mantaly	43	Evergreen tree and also having medicinal use
16	Gulmohar	Delonix regia	52	Deciduous with red flowering

**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

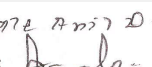

**47.Energy**

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

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

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	125 kVA
	<b>DG set as Power back-up during construction phase</b>	125 kVA
	<b>During Operation phase (Connected load):</b>	10 mVA
	<b>During Operation phase (Demand load):</b>	6 mVA
	<b>Transformer:</b>	630 kVA x 9 nos. & 315 kVA x 1 no.
	<b>DG set as Power back-up during operation phase:</b>	1) For Residential- 2x 250 kVA, 2x 160 kVA, 3 x 320 kVA. 2) For club house & Commercial - 1 x 250 kVA
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

Solar light & LED light

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

Serial Number	Energy Conservation Measures	Saving %
1	<ul style="list-style-type: none"> <li>• The following Energy Conservation Methods are proposed in the project:</li> <li>• Solar panel lights will be installed for common facilities and area lighting eventually in operation phase, also using energy efficient electrical fixtures.</li> <li>• Solar street lights are proposed for common areas such as open spaces, pathways, etc.</li> </ul>	13 %

#### 50. Details of pollution control Systems

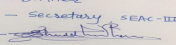
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 80 Lakh
	<b>O &amp; M cost:</b>	Rs. 8 Lakh/Year

### 51. Environmental Management plan Budgetary Allocation

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

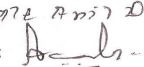
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for dust suppression	pH, color, odour, turbidity, TDS, BOD, COD, O and G	15.00
2	Site sanitation, Toilets, STP, safe drinking water	Sanitation	20.00

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3	Disinfection at site	Disinfection	5.00
4	Health check-up for workers, first Aid kit	weekly	7.00
5	Safety net	Safety parameters	5.00
6	For Air, Noise, Water Analysis	SPM, SO2 and NO2 & decible, Water pollution parameter	3.00
7	Site fencing & noise barrier	Safety measures	2.00
8	Storm water management	Water conservation technique	5.00
9	Vehicle maintenance, washing area, tyre cleaning	Environment management	3.00
10	Tree plantation & water utilization	Landscape development	5.00
11	Safety personal protective equipment & Training awareness	Safety parameters	5.00

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

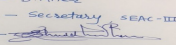
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment plant	3 STP having capacity 1660 m3/day	182	10
2	Rain water Harvesting	25 no. Recharge Pits	25	1
3	Solid Waste Management	Biodegradable garbage in OWC composting machine & non Biodegradable garbage to authorized vendors	52	5
4	Tree Plantation	Landscaping	15.00	1.5
5	Environmental Monitoring	Monitoring and analysis of Air, Water & Noise, Soil	5.00	1.5
6	Energy Conservation	Solar street lighting, CFL, LED, Solar	80.00	8.00
7	Fire Fighting System	External Hydrant Line, Fire extinguishers	20	2

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

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

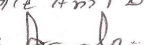
**52.Any Other Information**

No Information Available

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

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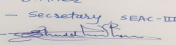
Name: K. Anil Kale  
Signature:   
**Shri. Anil Kale (Chairman SEAC-III)**

### 53. Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	1 no.
<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	1 Podium- 38,359.77 m2
	<b>Total Parking area:</b>	75,005.53 m2
	<b>Area per car:</b>	30m2
	<b>Area per car:</b>	30m2
	<b>Number of 2-Wheelers as approved by competent authority:</b>	5603 nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	2357 nos.
	<b>Public Transport:</b>	PMT Bus service
	<b>Width of all Internal roads (m):</b>	9 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8(b),B1
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	We have received Environmental Clearance letter vide no. SEAC-III/CR 131/TC-3 dated 28 January, 2016 from SEIAA. We have submitted Application for Amendment in Environmental Clearance to MoEF having proposal no. IA/MH/MIS/62169/2016 dated 31 January 2017. We have submitted Application for Amendment in Environmental Clearance to SEIAA having proposal no. SIA/MH/MIS/18743/2016 dated 7 March 2017.
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	07-03-2017

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

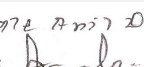

Summarised in brief information of Project as below.

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

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

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Name:   
Signature: 

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

## Brief information of the project by SEAC

Application of Environmental Clearance for Amendment in Residential & Commercial project "Abhiruchi Parisar" at S. No.24/1 (part) + 25, at village Dhayari Taluka - Haveli, District - Pune.

PP submitted their application for prior Environmental clearance for total plot area of 1,01,242.500 Sq. Mtrs, BUA of 2,89,564.897 Sq. Mtrs and FSI area of 1,36,784.897 Sq. Mtrs. PP proposes to construct 10 nos. of residential Towers, 3 Nos. of MHADHA buildings, having maximum height of 49.95 Mtrs, 38 nos. of shops. & 3 Nos. of club house.

PP has obtained earlier EC no. SEAC-III/CR-131/TC-3 dated 28.01.2016 for total plot area of 1,01,500.00 Sq. Mtrs, BUA of 2,90,828.00 Sq. Mtrs and FSI area of 1,38,048.00 Sq. Mtrs comprising of 32 no. of residential buildings having maximum height 46.40 Mtrs. & a club house Now, PP has applied for amendment in earlier EC.

The case is deferred as there were discrepancies in data submitted and data presented; PP was not ready with adequate information. The Case is deferred till PP submits their readiness for presentation.

Now in 64 th meeting committee considered the project .

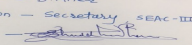
## DECISION OF SEAC

***PP Remained Absent.hence committee decided to defer the proposal.***

**Specific Conditions by SEAC:**

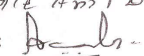
## FINAL RECOMMENDATION

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

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

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 12, 2018**

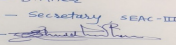
**Subject:** Environment Clearance for Residential cum commercial construction project

**Is a Violation Case:** No

1.Name of Project	Sky Scraper
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vikas H. Tejwani
4.Name of Consultant	NA
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	S.No.83/1e, Village : Tathwade, Taluka: Mulashi, Pune
9.Taluka	Mulashi
10.Village	Tathwade
Correspondence Name:	Mr. Vikas H. Tejwani
Room Number:	-
Floor:	-
Building Name:	Sai Shivleela
Road/Street Name:	S.N. 64/4, near sai baba mandir, Behind Petrol Pump
Locality:	Pimple Saudagar
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Yes
	<b>IOD/IOA/Concession/Plan Approval Number:</b> BP/ENV/Tathwade/09/2017
	<b>Approved Built-up Area:</b> 23173.47
13.Note on the initiated work (If applicable)	Proposed construction in Progress (3P + 9 ) as per the sanction plan vide no - BP/TATHWADE/26/2017 DATED 13/12/2017.The construction is below 20,000 sqmt.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	8940.00
16.Deductions	3000.01
17.Net Plot area	5939.99
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 10479.45
	b) Non FSI area (sq. m.): 12694.02
	c) Total BUA area (sq. m.): 23173.47
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)	2336.98
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40%
21.Estimated cost of the project	672300000

## 22.Number of buildings & its configuration

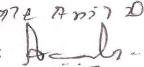
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

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

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Name: K. Anil Kale  
Signature: 

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

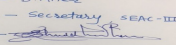
1	A	G+ Mezza P1 + P2 + 20 floors	69.90
<b>23.Number of tenants and shops</b>	111 tenements + 13 shops		
<b>24.Number of expected residents / users</b>	Total Population (Residential + commercial ) = 1020 . Residential Population - (111 flats x 5 persons per flat) = residential population 555. Commercial - (3995.16 Sqm. - 13 shops) - commercial population 465.		
<b>25.Tenant density per hectare</b>	223 (250/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>	24 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>	11.72 mt.		
<b>29.Existing structure (s) if any</b>	No existing structure on plot. Work for proposed construction in Progress (3P + 7 ) as per the sanction plan vide no - BP/TATHWADE/23/2013DATED 26/11/2013 Architect certificate is enclosed with application		
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Applicable		

### 31.Production Details

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

### 32.Total Water Requirement

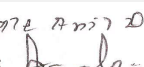

<b>Dry season:</b>	<b>Source of water</b>	Pimpri Chinchwad Municipal Corporation
	<b>Fresh water (CMD):</b>	64.25
	<b>Recycled water - Flushing (CMD):</b>	34.50
	<b>Recycled water - Gardening (CMD):</b>	5
	<b>Swimming pool make up (Cum):</b>	13
	<b>Total Water Requirement (CMD) :</b>	103.75
	<b>Fire fighting - Underground water tank(CMD):</b>	75
	<b>Fire fighting - Overhead water tank(CMD):</b>	20
	<b>Excess treated water</b>	51.27

Name - S.D.Aher  
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 Sign 

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

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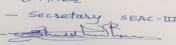
**Shri. Anil Kale (Chairman SEAC-III)**

<b>Wet season:</b>	<b>Source of water</b>	Pimpri Chinchwad Municipal Corporation
	<b>Fresh water (CMD):</b>	64.25
	<b>Recycled water - Flushing (CMD):</b>	34.50
	<b>Recycled water - Gardening (CMD):</b>	0
	<b>Swimming pool make up (Cum):</b>	6.9
	<b>Total Water Requirement (CMD) :</b>	98.75
	<b>Fire fighting - Underground water tank(CMD):</b>	75
	<b>Fire fighting - Overhead water tank(CMD):</b>	20
	<b>Excess treated water</b>	56.27

**Details of Swimming pool (If any)**  
Area of Swimming Pool: Volume : 92 m3  
Water requirement for make up in KLD : 13m3/month(In Summer)  
Water requirement for make up in KLD : 6.9m3/month(In Winter)  
Parameters to be monitored :  
pH = 7.0 to 7.6  
Chlorine content = 0.8 to 1ppm Residual chlorine in pool  
Capital cost = Rs.18.50 Lakhs  
O & M cost = Rs. 10000 to 15000 /month  
Frequency of monitoring ; Everyday

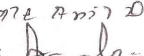
### 33.Details of Total water consumed

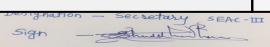

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	64.25	64.25	Not applicable	6.42	6.42	Not applicable	57.83	57.83
Fresh water requirement	Not applicable	64.25	64.25	Not applicable	6.42	6.42	Not applicable	57.83	57.83
Domestic	Not applicable	36.61	36.61	Not applicable	3.65	3.65	Not applicable	32.94	32.94
Gardening	Not applicable	5	5	Not applicable	0.5	0.5	Not applicable	Not applicable	Not applicable

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

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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Summer Season - 18.67 m. to 23.33 m. BGL. (21.00 M. BGL Average), Rainy Season - 7.00 m. to 12.00 BGL. (9.50 m. BGL Average), Winter Season - 12.84 m. to 17.67 m. BGL. (15.25 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>	Number of RWH Pits with Bore - 3 No.	
	<b>Size of recharge pits :</b>	2.25 m. X 2.25 m. X 1.75 m.	
	<b>Budgetary allocation (Capital cost) :</b>	3.0 lakh	
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.20 lakh	
	<b>Details of UGT tanks if any :</b>	UNDERGROUND TANK CAPACITIES (IN CUBIC METER) Fire fighting tank - 75.0 CM Raw water tank - 25.00 CM Utility water - 96.38 CM (1.5 days) Drinking water - 6.00 CM Recycle water tank - 59.25 (1.5 days)	
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Site is plane, no undulations, no nalla flowing from site	
	<b>Quantity of storm water:</b>	177.38 cum/Hr	
	<b>Size of SWD:</b>	450mm	
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	75	
	<b>STP technology:</b>	MBBR	
	<b>Capacity of STP (CMD):</b>	1 No of STP with 100 CMD capacity	
	<b>Location &amp; area of the STP:</b>	Services location plan is attached with EC application	
	<b>Budgetary allocation (Capital cost):</b>	24.7	
	<b>Budgetary allocation (O &amp; M cost):</b>	13.10	
<b>36.Solid waste Management</b>			
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	120 Kg/day	
	<b>Disposal of the construction waste debris:</b>	Excavated Earth material will be used for land-filling, leveling, road construction. Top soil will be used for landscaping.	
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	143	
	<b>Wet waste:</b>	181	
	<b>Hazardous waste:</b>	NA	
	<b>Biomedical waste (If applicable):</b>	NA	
	<b>STP Sludge (Dry sludge):</b>	11 Kg /Day	
	<b>Others if any:</b>	NA	
 <b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b>	<b>Page 47 of 103</b>	<b>Signature:</b>  <b>Shri. Anil Kale (Chairman SEAC-III)</b>

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through authorized vendor
	<b>Wet waste:</b>	Organic waste convertor
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Project is located at S.No.83/1e, Village : Tathwade, Taluka: Mulashi, Pune. Location Plan is attached with application
	<b>Area for the storage of waste &amp; other material:</b>	9.77Sqmt
	<b>Area for machinery:</b>	40 Sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	11.00 lacks
	<b>O &amp; M cost:</b>	2.61 lacks

### 37.Effluent Charecterestics

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

### 38.Hazardous Waste Details

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

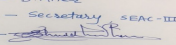
### 39.Stacks emission Details

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

### 40.Details of Fuel to be used

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

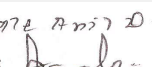

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	660.00
	<b>No of trees to be cut :</b>	NO
	<b>Number of trees to be planted :</b>	79
	<b>List of proposed native trees :</b>	Attached as landscape details with EC application
	<b>Timeline for completion of plantation :</b>	1 year

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

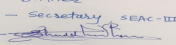
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusop Ellengi	Bakul	05	Shady tree, small white fragrant flowers
2	Acrus Sapota	Chickoo	15	Shady bird attracting
3	Michilli Champaka	Son Chafa	06	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
4	Royal Palm	Bottle Palm	15	Plant for avenue
5	Magnifera Indica	Mango	16	Fruit plant,King of fruits,Bird attracting
6	Codia Sabistana	siricote	06	Orange flowering,dense foiling,Shady,Bird attracting.
7	Millingtonia	Booch	06	White flowers, Fragrant, Shady.
8	Ficus Benjamina	Green Ficus	10	Shady tree, good for roadside plantation

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

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

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

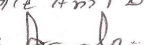
#### 47.Energy

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	30 KW
	<b>DG set as Power back-up during construction phase</b>	40 KVA - 1 No
	<b>During Operation phase (Connected load):</b>	1072 KW (1192 KVA )
	<b>During Operation phase (Demand load):</b>	953 KVA
	<b>Transformer:</b>	22KV / 630 KVA - 1 No
	<b>DG set as Power back-up during operation phase:</b>	200 KVA - 1 No
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	No

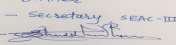
#### 48. Energy saving by non-conventional method:

- Solar Water Heating Systems Will Be Done For Bathrooms.
- Solar lights will be provided for common amenities like Street 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.
- Detail calculations & % of saving: 1.7%

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

Serial Number	Energy Conservation Measures	Saving %
1	Light Fitting for common areas i.e. Bldg. Parking, Staircases, Passage ,Terrace Floor. ( Time Duration - 7 P.M. To 6 A.M. = 11 Hrs)	Per Year = 11185.79 KWH * Per Day = 37.28 KWH
2	Up Lighter - Light Fitting For Landscape Area. (Time Duration - 6 P.M. To 10 P.M. = 4 Hrs )	* Per Year = 233.6 KWH * Per Day = 0.78 KWH
3	Bollard Light - Light Fitting For Landscape Area . ( Time Duration - 6 P.M. To 10 P.M. = 4 Hrs )	* Per Year = 153.3 KWH * Per Day = 0.42 KWH
4	a) Solar Street Light Fitting - Pole Light On Road Side Ht. 3M. ( Time Duration - 7 P.M. To 6 A.M. = 10 Hrs ) b) Solar Power PAK	* Per Year = 1095 KWH * Per Day = 3.65 KWH
5	Street Light Fitting on the Bldg. ( Time Duration - 7 P.M. To 5 P.M. = 10 Hrs )	* Per Year = 1095 KWH * Per Day = 3.65 KWH

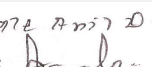

#### 50. Details of pollution control Systems

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Source	Existing pollution control system	Proposed to be installed
Sewage water generation	Not applicable	STP
Wet Garbage	Not applicable	OWC
DG Set	Not applicable	Acoustic enclosure to DG set & ree Plantation

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	20,50,000/-
	<b>O &amp; M cost:</b>	69,800/-

## 51.Environmental Management plan Budgetary Allocation

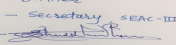
### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression by water sprinkling	0.12
2	Site Sanitation & Safety	Provision of toilets	1.68
3	Environmental Monitoring	STP, OWC	0.75
4	Disinfection	for labours	0.08
5	Health Check up	for labours	0.1

### 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	3 No of RWH pits with bore will be proposed	3.0	0.25
2	Sewage Treatment Plant	1 No of STP having capacity 100 CMD will be installed	24.7	13.10
3	Organic Waste Composting	Organic waste composter will be installed	11.00	2.61
4	Tree Plantation	Total 79 trees & 2700 shrubs proposed	8.0	2.5
5	Energy saving	Solar Street lightning, solar water heating	20.50	0.41
6	Environment Monitoring	To maintain environmental monitoring services	0	1.60
7	Storm & Sewer line	To collect & disposal/treatment of storm & seware water	7.0	1.0

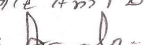
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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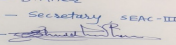
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

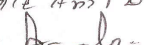
	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Two number of Podium + 1 Mezzanine
	Total Parking area:	Total Parking area = Cover [ 2487.45 ] + Open [ 221.6 ] = 2709.05 Sq m
	Area per car:	12.5 Sqmt
	Area per car:	12.5 Sqmt
	Number of 2-Wheelers as approved by competent authority:	322
	Number of 4-Wheelers as approved by competent authority:	110
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 mt.
	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	Project category B2; Activity under Item 8 (a) of the EIA Notification dated 14th September 2006 as amended on 1st December, 2009 , does not require scoping and public consultation
	Court cases pending if any	Not applicable
	Other Relevant Informations	NA

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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Residential cum commercial construction project at S.No.83/1e, Village : Tathwade, Taluka: Mulashi, Pune by **Sky Scraper**.

PP submitted their application for expansion of Environmental clearance for total plot area of 8940 Sq. Mtrs, BUA of 23173.47 Sq. Mtrs and FSI area of 10479.45 Sq. Mtrs. PP proposes to construct 1 no. residential building.

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

### DECISION OF SEAC

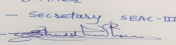
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

#### Specific Conditions by SEAC:

- 1) PP to obtain NOC from local authority for passing DP road for sewer line.
- 2) PP to submit cross sections of the plot boundary showing the Storm water drain, space left in between compound wall, tree plantation line, and internal road.
- 3) PP to submit revised landscape plan.
- 4) PP to submit NOC for debris management and submit plan accordingly.
- 5) PP to submit undertaking for assured water supply.
- 6) PP to submit revised DMP.
- 7) PP to submit site specific EMP.
- 8) PP to increase the height of STP i.e. 3 meter above the ground. And submit revised drawing of STP.
- 9) PP to submit power requirement statement.
- 10) PP to submit cross sections of UGT Tank.
- 11) PP to submit revised parking plan showing width 7.5 m and slop of ramp 1:10.
- 12) PP to submit undertaking for shifting of sewer line and submit the drawing showing final chamber and sewer line.

### FINAL RECOMMENDATION

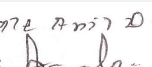

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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## 64 th Meeting of SEAC-3

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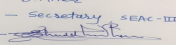
**Subject:** Environment Clearance for Construction Project by M/s Runal Developers

**Is a Violation Case:** No

1.Name of Project	Runal Gateway
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajendra Suresh Jain
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	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	S. no 105/1 & 85/2+3+4/2, next to Sentosa Resort, off Pune - Mumbai Expressway
9.Taluka	Haveli
10.Village	Kiwale
Correspondence Name:	Mr. Rajendra Suresh Jain
Room Number:	Indraprastha Apartment
Floor:	-
Building Name:	Building A1,Shop no.3
Road/Street Name:	Pimpri Chinchwad Link Road
Locality:	Chinchwad
City:	Pune
11.Area of the project	PCMC
12.IOD/IOA/Concession/Plan Approval Number	Applicable
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 91315.88
13.Note on the initiated work (If applicable)	22805.69 m <sup>2</sup> ( FSI : 7732.57 m <sup>2</sup> + Non-FSI : 15073.12 m <sup>2</sup> ) as per previous EC vide no. SEAC-III-2014/C.R.30/TC-3 dated 17/02/2015
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	30200 m <sup>2</sup>
16.Deductions	3029.80 m <sup>2</sup>
17.Net Plot area	27170.20 m <sup>2</sup>
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 45254.94
	b) Non FSI area (sq. m.): 46060.94
	c) Total BUA area (sq. m.): 91315.88
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 (m <sup>2</sup> )	9638.04 m <sup>2</sup>
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	31.91 % of total plot area (30200.00 m <sup>2</sup> ) and 35.47 % of net plot area (27170.20 m <sup>2</sup> )
21.Estimated cost of the project	2450000000

## 22.Number of buildings & its configuration

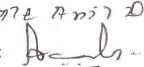
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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**S.D.Aher (Secretary SEAC-III)**

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1	Wing - A & B	B+P+21	68.85
2	Wing - C	B+P+21	68.85
3	Wing - D	B+P+21	68.85
4	Wing - E	B+P+21	68.85
5	Wing - F	B+P+21	68.85
6	Wing - G	G+1	7.05
7	Wing - H	G+1	7.05
8	Wing - I	G+1	7.05
9	Wing - J	G+1	7.05
10	Wing - K	G+1	7.05
11	Commercial	G+3	17.50

<b>23.Number of tenants and shops</b>	No. of Tenements: 537 Nos. Shops: 28 Nos. Gym: 01 No.
<b>24.Number of expected residents / users</b>	Residential Users: 2685 Nos. , Commercial Users: 236 Nos. , Total Users: 2921 Nos.
<b>25.Tenant density per hectare</b>	177.81
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	18 m wide road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9 m
<b>29.Existing structure (s) if any</b>	NA
<b>30.Details of the demolition with disposal (If applicable)</b>	NA

### 31.Production Details

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

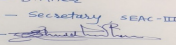
### 32.Total Water Requirement

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b></p>	<p><b>Page 55 of 103</b></p>	<p>Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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<b>Dry season:</b>	<b>Source of water</b>	Pimpri-Chinchwad Municipal Corporation
	<b>Fresh water (CMD):</b>	418.49 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	126.72 m3/day
	<b>Recycled water - Gardening (CMD):</b>	24.00 m3/day
	<b>Swimming pool make up (Cum):</b>	1.68 m3/day
	<b>Total Water Requirement (CMD) :</b>	267.77 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	600.00 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	120 m3
	<b>Excess treated water</b>	194.05 m3/day
<b>Wet season:</b>	<b>Source of water</b>	Pimpri-Chinchwad Municipal Corporation
	<b>Fresh water (CMD):</b>	394.49 m3/day (One time)
	<b>Recycled water - Flushing (CMD):</b>	126.72 m3/day
	<b>Recycled water - Gardening (CMD):</b>	NA
	<b>Swimming pool make up (Cum):</b>	1.68 m3/day
	<b>Total Water Requirement (CMD) :</b>	267.77 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	600.00 m3
	<b>Fire fighting - Overhead water tank(CMD):</b>	120 m3
	<b>Excess treated water</b>	218.05 m3/day
<b>Details of Swimming pool (If any)</b>	Dimension of Swimming Pool: Main Pool Size: 16.00 m x 8.00 m x 1.20 m Baby Pool Size: R - 2.80 m Total Water Requirement: 1,68,378 Ltr. Water requirement for make up in KLD: 1.68 KLD 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. 27.25 Lakh O & M cost: Rs. 2.22 Lakh/year	

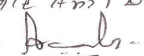
### 33.Details of Total water consumed

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)**

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Name: **Kale Anil D.**  
 Signature: 

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



<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	7.00 m to 11.00 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>	06 Nos		
	<b>Size of recharge pits :</b>	1.20 m x 1.80 m x 2.50 m.		
	<b>Budgetary allocation (Capital cost) :</b>	Rs.16.80 Lakh		
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.34 Lakh/year		
	<b>Details of UGT tanks if any :</b>	Residential & Commercial: Domestic water tank Capacity : 390.00 m <sup>3</sup> (Residential) Domestic water tank Capacity : 30.00 m <sup>3</sup> (Commercial) Flushing water tank Capacity : 144.10 m <sup>3</sup> Fire water tank Capacity :600.00 m <sup>3</sup>		
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-		
	<b>Quantity of storm water:</b>	4074.85 m <sup>3</sup> /year		
	<b>Size of SWD:</b>	600 mm		
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	313.79 m <sup>3</sup> /day (Residential & Commercial) + 30.98 m <sup>3</sup> /day (Row houses)= 344.77 m <sup>3</sup> /day		
	<b>STP technology:</b>	MMBR		
	<b>Capacity of STP (CMD):</b>	1 No. - 352.00 m <sup>3</sup> /day & 1 No. - 40 m <sup>3</sup> /day		
	<b>Location &amp; area of the STP:</b>	175 m <sup>2</sup>		
	<b>Budgetary allocation (Capital cost):</b>	STP 1(352 KLD): Rs 131.70 Lakh , STP 2(40 KLD): Rs 18 Lakh		
	<b>Budgetary allocation (O &amp; M cost):</b>	STP 1(352 KLD): Rs 12.26 Lakh/Year , STP 2(40 KLD): Rs 5.98 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 levelling		
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	572 Kg/day		
	<b>Wet waste:</b>	830 Kg/day		
	<b>Hazardous waste:</b>	NA		
	<b>Biomedical waste (If applicable):</b>	NA		
	<b>STP Sludge (Dry sludge):</b>	31.02 Kg/day		
	<b>Others if any:</b>	-		
Designation - Secretary SEAC-III Sign 	<b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b>	<b>Page 57 of 103</b>	Name: K. Anil Kale Signature:  <b>Shri. Anil Kale (Chairman SEAC-III)</b>

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	SWaCH
	<b>Wet waste:</b>	Organic Waste Converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure after treatment in OWC.
	<b>Others if any:</b>	-
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	75 m <sup>2</sup>
	<b>Area for machinery:</b>	Included in other material area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 25.75 Lakh
	<b>O &amp; M cost:</b>	Rs. 5.07 Lakh/Year

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

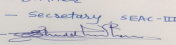
### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set- 160 KVA	HSD-27.70 Lit/hr	S-1	4.22	As per norms	-
2	DG set- 100 KVA	HSD- 16.9 Lit/hr	S-2	4.10	As per norms	-

### 40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	44.6 Lit/hr	44.6 Lit/hr

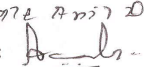
41. Source of Fuel: Bharat Petroleum Corporation Ltd/ Hindustan Petroleum

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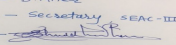
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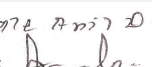
42.Mode of Transportation of fuel to site		By Roadway		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2776.69 m2		
	<b>No of trees to be cut :</b>	NA		
	<b>Number of trees to be planted :</b>	434 Nos		
	<b>List of proposed native trees :</b>	-		
	<b>Timeline for completion of plantation :</b>	Before completion of buildings		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara Zapota	Chikoo	10	Tropical fruit tree & bird attracting tree
2	Michelia Champaca	Champa	52	Evergreen timber plant, ornamental
3	Mimusopes Elengii	Bakul	46	Evergreen tree, timber yielding & medicinal plant
4	Ficus Benamina	Weeping fig	39	Evergreen & bird attracting tree
5	Cassia Fistula	Golden shower	51	Drought tolerant, ornamental & medicinal plant
6	Butea Monosperma	Flame tree	27	Used in pesticide & dye preparation
7	Cassia Grandis	Pink shower	36	Drought tolerant, ornamental & medicinal plant
8	Saraca Indica	Sita ashok	57	Evergreen medicinal plant
9	Roystonea Regia	Royal palm	38	Nitrogen fixer, ornamental plant
10	Syzygiam Cumini	Jambhul	59	Fruit tree & bird attracting
11	Neolamarkia Cadamba	Kadamba tree	05	Tropical fruit tree & bird attracting tree
12	Mangifera Indica	Mango tree	14	Evergreen & bird attracting tree
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	-	-	-	
<b>47.Energy</b>				

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	75 KW
	<b>DG set as Power back-up during construction phase</b>	82.5 KVA
	<b>During Operation phase (Connected load):</b>	4061 KW
	<b>During Operation phase (Demand load):</b>	2265 KW AS PER MSEDCL CIRCULAR
	<b>Transformer:</b>	630KVA - 04Nos
	<b>DG set as Power back-up during operation phase:</b>	160KVA - 01No. & 100KVA - 01No
	<b>Fuel used:</b>	Fuel Consumption / hr.: 27.70 lit/hr. (160 KVA DG Set) , 16.90 lit/hr. (100 KVA DG Set)
	<b>Details of high tension line passing through the plot if any:</b>	No

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

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

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

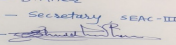
Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	31050 KWH / Annum
2	Timer Logic Controller	120432 KWH / Annum
3	Electronic V3F drive for Lifts	49012 KWH / Annum
4	Solar Water Heater	934380 KWH / Annum

#### 50. Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 140.56 Lakh
	<b>O &amp; M cost:</b>	Rs. 5.68 Lakh/year.

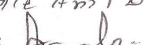
### 51. Environmental Management plan Budgetary Allocation

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<b>a) Construction phase (with Break-up):</b>			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air 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>b) Operation Phase (with Break-up):</b>				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	352 KLD	131.70	12.26
2	STP 2	40 KLD	18.00	5.98
3	RWH	-	16.80	0.34
4	MSW	-	25.75	5.07
5	Solar System	-	140.56	5.68
6	Landscaping	-	30.33	3.65
7	Swimming Pool	-	27.25	2.22
8	Safety Equipment	-	10.00	2.00
9	Post EC Monitoring	-	-	2.50
10	Dry Waste Management	-	-	3.22

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

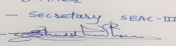
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

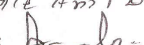
Nos. of the junction to the main road & design of confluence:	-
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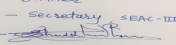
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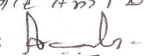
<b>Parking details:</b>	<b>Number and area of basement:</b>	1 No- 9222.71 m2
	<b>Number and area of podia:</b>	1 No- 5603.88 m2
	<b>Total Parking area:</b>	16578.20 m2 including open parking
	<b>Area per car:</b>	42.61
	<b>Area per car:</b>	42.61
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1142
	<b>Number of 4-Wheelers as approved by competent authority:</b>	389
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	7.50
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8(a)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	-
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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Environment Clearance for Construction Project at S. no 105/1 & 85/2+3+4/2, next to Sentosa Resort, off Pune - Mumbai Expressway by **M/s Runal Developers.**

PP submitted their application for expansion of Environmental clearance for total plot area of 30200 Sq. Mtrs, BUA of 91315.88 Sq. Mtrs and FSI area of 45254.94 Sq. Mtrs. PP proposes to construct 11 no. residential buildings 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

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

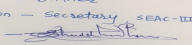
**Specific Conditions by SEAC:**

- 1) PP to submit undertaking for assured water supply.
- 2) PP to submit revised list of trees.
- 3) PP to upload parking statement.

### FINAL RECOMMENDATION

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

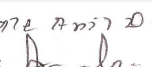

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## 64 th Meeting of SEAC-3

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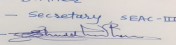
**Subject:** Environment Clearance for Environment Clearance for '8(a)' Building & Construction projects

**Is a Violation Case:** No

1.Name of Project	"Uttam townscapes" Residential complex
2.Type of institution	Private
3.Name of Project Proponent	M/s. Fortune Developers and Infrastructures
4.Name of Consultant	GREEN CIRCLE, INC.
5.Type of project	Residential
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	S. No. 154/1B (Part), 154/1E, 154/1D and Sr. No. 154/ 1G + 1B (Part)
9.Taluka	Pune
10.Village	Yerwada
Correspondence Name:	Mr. N. B. Tyagi
Room Number:	'D' Building,
Floor:	1st Floor, Siddeshwar Nagar,
Building Name:	Siddeshwar Nagar, Above IDBI Bank, Vishrantwadi,
Road/Street Name:	Vishrantwadi,
Locality:	Siddeshwar Nagar
City:	Pune 411015, Maharashtra
11.Area of the project	Pune Municipal Corporation [PMC]
12.IOD/IOA/Concession/Plan Approval Number	PMC CC/0957/17 DATE :05/07/2017
	<b>IOD/IOA/Concession/Plan Approval Number:</b> PMC CC/0957/17 DATE :05/07/2017
	<b>Approved Built-up Area:</b> 70896.8
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	PMC
15.Total Plot Area (sq. m.)	32469.3
16.Deductions	3304.85
17.Net Plot area	24227.80
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 38,790.08
	b) Non FSI area (sq. m.): 32,106.69
	c) Total BUA area (sq. m.): 70897
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)	4910.47
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15
21.Estimated cost of the project	1380000000

## 22.Number of buildings & its configuration


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

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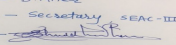
1	Building No. 1	P+7	24
2	Building No. 2	P+11	34.95
3	Building No. 3	P+11	34.95
4	Building No. 4	P+11	35.95
5	Club House	G+1	7.90
6	Proposed Parking	Ground Floor	3.35

23.Number of tenants and shops	522
24.Number of expected residents / users	2610
25.Tenant density per hectare	250 no./Hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12 Mtr./ 9.00 Mtr.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 m
29.Existing structure (s) if any	Yes
30.Details of the demolition with disposal (If applicable)	Not Applicable

### 31.Production Details

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

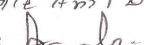
### 32.Total Water Requirement

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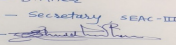
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Dry season:	Source of water	PMC Water supply / Tankers								
	Fresh water (CMD):	235 m3/day								
	Recycled water - Flushing (CMD):	117 m3/day								
	Recycled water - Gardening (CMD):	9 m3/day								
	Swimming pool make up (Cum):	2 m3/day								
	Total Water Requirement (CMD) :	361 m3/day								
	Fire fighting - Underground water tank(CMD):	500 m3/day								
	Fire fighting - Overhead water tank(CMD):	210 m3/day								
	Excess treated water	156 m3/day								
Wet season:	Source of water	PMC Water supply / Tankers								
	Fresh water (CMD):	235 m3/day								
	Recycled water - Flushing (CMD):	117 m3/day								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	2 m3/day								
	Total Water Requirement (CMD) :	354 m3/day								
	Fire fighting - Underground water tank(CMD):	500 m3/day								
	Fire fighting - Overhead water tank(CMD):	210 m3/day								
	Excess treated water	164 m3/day								
Details of Swimming pool (If any)	SWIMMING POOL SIZE- 12m x 6m kids pool -4.5m x 7.00m DRY -2KL & WET-2KL									
<b>33.Details of Total water consumed</b>										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requirement	323	60	383	65	12	77	258	48	306	

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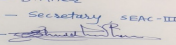
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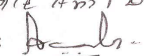
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	20 to 22 m bgl
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	15 Nos. of RWH Pits
	<b>Size of recharge pits :</b>	Size: 2M x 2M x 1.5 M
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 15.0 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1.00 Lakhs Annually
	<b>Details of UGT tanks if any :</b>	DOMESTIC WATER -353.70 KLD. FIRE CAPACITY -500 KLD
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Yes
	<b>Quantity of storm water:</b>	569.42 m3/hr
	<b>Size of SWD:</b>	600 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	282
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	2 Nos. of STP [ STP 1: 200 m3/day & STP 2: 115 m3/day]
	<b>Location &amp; area of the STP:</b>	STP1: Near Wing C1 & STP2: near Wing C2
	<b>Budgetary allocation (Capital cost):</b>	Rs. 85.0 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 13.92 Lakhs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	10 Kg/day. (Wet +Dry)
	<b>Disposal of the construction waste debris:</b>	Dry waste is disposed through authorized recyclers. Wet waste is disposed through on site composting.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	522 kg/day
	<b>Wet waste:</b>	783 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	42 kg/day
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recycler for further handling & disposal purpose. Agreement for dry waste disposal has been made with Swachh Cooperative.
	<b>Wet waste:</b>	Through Organic Waste converter. 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>	Will be dried and used as manure for gardening purpose.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Location of Organic Waste Composter: Near MSEB Control RM
	<b>Area for the storage of waste &amp; other material:</b>	Not Applicable
	<b>Area for machinery:</b>	45 sq. m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 22.02 Lakhs
	<b>O &amp; M cost:</b>	Rs. 2.0 Lakhs

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	BoD 3days @ 27 deg C	mg/l	290	<10	10
2	COD	mg/l	510	94	100
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

### 38. Hazardous Waste Details

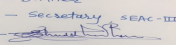
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	125 KVA	HSD	1	2	0.10	553
2	45 KVA	HSD	1	1.5	0.07	408
3	82.5 KVA	HSD	1	2	0.08	450

### 40. Details of Fuel to be used

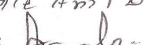

Serial Number	Type of Fuel	Existing	Proposed	Total

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

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

1	HSD	Not applicable	HSD	HSD
41.Source of Fuel		Authorized Dealer		
42.Mode of Transportation of fuel to site		By road		

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2916.45 Sq.m
	<b>No of trees to be cut :</b>	13 trees (NOC for the same has been obtained from PMC)
	<b>Number of trees to be planted :</b>	378
	<b>List of proposed native trees :</b>	Bakul, Bahava, Neem, Franjipani etc.
	<b>Timeline for completion of plantation :</b>	2 years

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

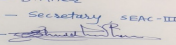
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusops elengi	Bakul	28	Fragrant flowers, Medicinal value, To control soil erosion.
2	Cassia fistula	Bahava	27	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant,
3	Azardirachta indica	Neem	35	Medicinal value, To control soil erosion. To improve soil erosion
4	Plumeria alba	Franjipani	30	Flowering tree & Ornamental tree
5	Lagerstroemia speciosa	Pride of india	25	Medicinal value, Native species
6	Saraca asoca	Sita ashoka	30	Evergreen medicinal plant
7	Millingtonia hortensis	Indian cork tree	26	Flowering tree & Ornamental tree
8	Caryota urens	Fishtail palm	27	Grown in any type of soil. Very Hardy.
9	Mangifera indica	Mango	35	Fruit Tree Evergreen & bird attracting tree
10	Artocarpus heterophyllus	Jackfruit	30	Fruit Tree Evergreen & bird attracting tree
11	Cocos nucifera	Coconut	30	Fruit Tree Evergreen & bird attracting tree
12	Pongamia pinnata	Karanj	12	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant
13	Ficus bengalensis	Banyan tree	15	Evergreen & bird attracting tree
14	Syzygium cumini	Jambhul	28	Fruit tree & bird attracting tree

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

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

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

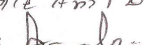
#### 47.Energy

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

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

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

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	22 KW
	<b>DG set as Power back-up during construction phase</b>	1 no. x 30 KVA
	<b>During Operation phase (Connected load):</b>	3169.77 KW
	<b>During Operation phase (Demand load):</b>	1874.5 KVA
	<b>Transformer:</b>	4 nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 nos. x 125 KVA + 1 nos. x 45 KVA + 1 nos. x 82.5 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

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

Common area lighting with LED bulbs: 2 KW  
Solar Water heating system: 125 li/flat  
Energy efficient pumps.  
Timer for Staircase lighting, Lift Lobby, Parking area and street lights.

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

Serial Number	Energy Conservation Measures	Saving %
1	1) Timers and contactors will be used to switch on / off common, 2) Light Emitting Diode (LED) will be used for corridors ,Lobbies and common areas., 3) Energy efficient cfl/t5/led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs.,4) All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have consi	28.20
2	125 Ltrs Solar water is provided for each flat	82.19
3	Solar PV of 4KW in proposed for common area lighting	13.00

#### 50. Details of pollution control Systems

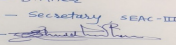
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	86.5 Lakhs
	<b>O &amp; M cost:</b>	11 Lakhs

#### 51. Environmental Management plan Budgetary Allocation

<p>Name - S.D.Aher  Designation - Secretary SEAC-III  Sign </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b></p>	<p style="text-align: right;">Name:   Signature: </p> <p style="text-align: right;"><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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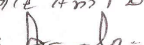
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Erosion control - dust suppression measures, barricading and top soil preservation	Particulate matter	5.0				
2	Site Sanitation & Safety	-	2.0				
3	Environmental Monitoring	Air, water, noise	0.30				
4	Disinfection	-	0.06				
5	Health Check up	All relevant parameters	0.22				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Wastewater	Sewage Treatment Plant	85.0	13.92			
2	Solid waste	Organic Waste Composter	22.02	2.0			
3	Green area	Landscape Cost	21.05	7.00			
4	Groundwater recharge	Rain Water Harvesting	15.0	1.00			
5	Energy	Energy saving(Solar Water Heater + Solar PV))	94.08	9.10			
6	Air, water, noise, soil	Environment Monitoring	-	0.84			
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:		3 Nos.					

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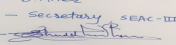
**S.D.Aher (Secretary SEAC-III)**

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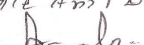
Name: K. Anil Kale  
 Signature:   
**Shri. Anil Kale (Chairman SEAC-III)**

<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	C.P.1 AREA =1849.31 SQ.MT. ; C.P.3 AREA = 368.01 SQ.MT.
	<b>Total Parking area:</b>	11957.35 Sq.m
	<b>Area per car:</b>	12.5
	<b>Area per car:</b>	12.5
	<b>Number of 2-Wheelers as approved by competent authority:</b>	1058 Nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	576 Nos.
	<b>Public Transport:</b>	Auto rickshaw stand within 15 m from entrance gate.
	<b>Width of all Internal roads (m):</b>	6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	B
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

Name - S.D.Aher  
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 Sign 

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

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Name: K. Anil Kale  
 Signature: 

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

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Environment Clearance for '8(a)' Building & Construction projects at S. No. 154/1B (Part), 154/1E, 154/1D and Sr. No. 154/ 1G + 1B (Part) Yerwada Dist-Pune by **M/s. Fortune Developers and Infrastructures.**

PP submitted their application for **Amendment of Environmental clearance** for total plot area of 32469.3 Sq. Mtrs, BUA of 70897 Sq. Mtrs and FSI area of 38790.08 Sq. Mtrs. PP proposes to construct 4 no. residential buildings 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

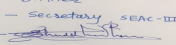
**SEAC decided to recommend the amendment proposal for prior environmental Clearance, subject to PP complying with the following conditions.**

#### Specific Conditions by SEAC:

- 1) PP to upload details of STP Performance.
- 2) PP to submit undertaking that they have done the construction as per earlier EC.
- 3) PP to upload all six monthly compliance report.

### FINAL RECOMMENDATION

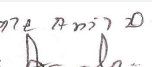
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

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

**SEAC Meeting No: 64 Meeting Date: April 12, 2018**

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Name: K. Anil Kale  
Signature: 

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

## 64 th Meeting of SEAC-3

**SEAC Meeting number: 64 Meeting Date April 12, 2018**

**Subject:** Environment Clearance for Proposed Residential building project.

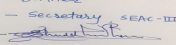
**Is a Violation Case:** No

<b>1.Name of Project</b>	'Royal Palms'
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Latif Ahmed Manjothi
<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>	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. 20, Hissa No. 1 to 7, Mohhammed Wadi, Nibm Annex, Behind Marvel Sangria, Pune - 411 048, Maharashtra.
<b>9.Taluka</b>	Pune
<b>10.Village</b>	Pune
<b>Correspondence Name:</b>	Latif Ahmed Manjothi
<b>Room Number:</b>	Office No 402,
<b>Floor:</b>	4th Floor,
<b>Building Name:</b>	Kapila Matrix, Next to Hotel Westin,
<b>Road/Street Name:</b>	Mundhwa Road,
<b>Locality:</b>	Koregaon Park, Ghorpadi,
<b>City:</b>	Pune - 411 036
<b>11.Area of the project</b>	Pune Municipal Corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Plan was earlier sanctioned by PMC vide letter no. 20 MEI / 703, Dt. 07/07/2017. We had applied to PMC for revised sanction on 18.01.2018 <b>IOD/IOA/Concession/Plan Approval Number:</b> Earlier sanction number 20 MEI / 703, Dt. 07.07.2017 Revised sanction is in process. Revised built up area is yet to approve. <b>Approved Built-up Area:</b> 9212.51
<b>13.Note on the initiated work (If applicable)</b>	Not Applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	13,500 m2
<b>16.Deductions</b>	3,058.19 m2
<b>17.Net Plot area</b>	10,441.81 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 31,547 m2 <b>b) Non FSI area (sq. m.):</b> 30,889 m2 <b>c) Total BUA area (sq. m.):</b> 62437
<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>	4,278.23 m2
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	32 %
<b>21.Estimated cost of the project</b>	1620000000

## 22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b></p>	<p><b>Name:</b> K. Anil Kale <b>Signature:</b> </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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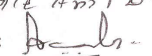
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	B+G +P1+P2+31 Floors	102 mtrs.	
2	Not Applicable	Not Applicable	Not Applicable	
<b>23.Number of tenants and shops</b>	Tenements: 425 nos.			
<b>24.Number of expected residents / users</b>	Residents: 2125 nos.			
<b>25.Tenant density per hectare</b>	250/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>	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>	Not Applicable			
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Applicable			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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

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

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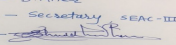
Name: K. Anil Kale  
 Signature: 

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

Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	191 m3/day							
	Recycled water - Flushing (CMD):	96 m3/day							
	Recycled water - Gardening (CMD):	63 m3/day							
	Swimming pool make up (Cum):	6.5 m3/day							
	Total Water Requirement (CMD) :	356.5 m3/day							
	Fire fighting - Underground water tank(CMD):	150 m3							
	Fire fighting - Overhead water tank(CMD):	50 m3							
	Excess treated water	109 m3/day							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	191 m3/day							
	Recycled water - Flushing (CMD):	96 m3/day							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	6.5 m3/day							
	Total Water Requirement (CMD) :	356.5 m3/day							
	Fire fighting - Underground water tank(CMD):	150 m3							
	Fire fighting - Overhead water tank(CMD):	50 m3							
	Excess treated water	172 m3/day							
Details of Swimming pool (If any)	Daily make up water requirement: 6.5 m3/day Swimming Pool details: Size of Main Pool: 26 m x 7 m x 1.2 m water depth Size of Kids Pool: 16.75 m x 3.35 m x 0.6 m water depth Size of Infinity Overflow Tank: 26 m x 0.6 water depth Capacity of Pool: 283.3 Cum. Capacity of Balancing Tank: 28.0 Cum. Total Capacity of Pool: 311.3 Cum. Type of Pool: Infinity Edge Free Board: 6"								

### 33.Details of Total water consumed

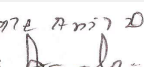

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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

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

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	3.95 meter below ground level	
	<b>Size and no of RWH tank(s) and Quantity:</b>	Not Applicable	
	<b>Location of the RWH tank(s):</b>	Not Applicable	
	<b>Quantity of recharge pits:</b>	4 nos.	
	<b>Size of recharge pits :</b>	2 m x 2 m x 2 m	
	<b>Budgetary allocation (Capital cost) :</b>	Rs.1.93 Lakhs	
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 0.2 Lakhs	
	<b>Details of UGT tanks if any :</b>	Domestic Water: 300 m3 Flushing: NA Fire fighting: 150 m3	
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Existing drainage line of 450 mm	
	<b>Quantity of storm water:</b>	466. 24 m3/hr	
	<b>Size of SWD:</b>	450 mm, 200 mm, 150 mm	
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	268 KLD	
	<b>STP technology:</b>	MBBR system	
	<b>Capacity of STP (CMD):</b>	1 STP of capacity 285 m3/day	
	<b>Location &amp; area of the STP:</b>	Location: Above Ground, Area: 177 m2	
	<b>Budgetary allocation (Capital cost):</b>	Rs. 64.69 Lakhs	
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 9.03 Lakhs	
<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: 34,535 cum, Quantity of back fill from excavated earth: 13,814 cum, Quantity of earthwork used in site leveling/reclamation: 18,360 cum, Domestic Solid Waste from labour camp: 12.5 Kg/day	
	<b>Disposal of the construction waste debris:</b>	It will be used for back fill & site leveling.	
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	425 kg/day	
	<b>Wet waste:</b>	638 kg/day	
	<b>Hazardous waste:</b>	Small quantity of DG set used oil, paints etc	
	<b>Biomedical waste (If applicable):</b>	Not Applicable	
	<b>STP Sludge (Dry sludge):</b>	26 kg/day	
	<b>Others if any:</b>	E- waste: 1,063 kg/year	
<b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b>	<b>Page 77 of 103</b>	<b>Signature:  Shri. Anil Kale (Chairman SEAC-III)</b>

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be handed over to SwaCH agency
	<b>Wet waste:</b>	Will be treated in Organic Waste Converter
	<b>Hazardous waste:</b>	Handed over to authorized Vendor
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Dried and 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>	5 m x 3 m
	<b>Area for machinery:</b>	75 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 20.75 Lakhs
	<b>O &amp; M cost:</b>	Rs. 4.92 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

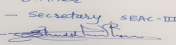
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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

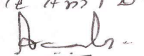
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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

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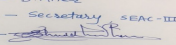
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	1,228.48 m2
	<b>No of trees to be cut :</b>	Not Applicable
	<b>Number of trees to be planted :</b>	152 on ground, 15 on raised garden
	<b>List of proposed native trees :</b>	Given below
	<b>Timeline for completion of plantation :</b>	Before completion of project

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

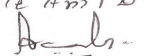

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Shirish	Albizia lebeck	8	Shady tree, yellowish green fragrant flowers
2	Neem	Azadiracta indica	5	Evergreen tree, fast growing
3	Sita Ashok	Saraca asoka	6	Shady tree with red-yellow flowers.
4	Kadamb	Anthocephallus cadamba	8	Shady, large tree, ball shaped flowers.
5	Tamhan	Lagerstroemia flos-regineae	4	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers
6	Kunti	Murraya paniculata	8	Small tree, Fragrant white flowers, Butterfly host plant
7	Chiku	Manilkara zapota	10	Medium size , fruit bearing tree
8	Mango	Mangifera indica	8	Tall, fruit bearing tree
9	Jambhul	Syzygium cumini	6	Dense ornamental, fruit bearing tree
10	Peru	Psidium guajava	8	Medium size , fruit bearing tree
11	Nandruk	Ficus retusa	5	Medium sized evergreen tree, Shady tree.
12	Son chafa	Michelia champaca	4	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Fish tail palm	Caryota urens	6	Tall evergreen tree
14	Badaam	Terminalia catapa	5	Fruit bearing, drought tolerant
15	Arjuna	Terminalia arjuna	8	Large evergreen tree
16	Crape-myrtle	Lagerstromia Lanceolata	8	Medium deciduous tree. Flowers attract many birds
17	Shisham, Indian Rosewood	Dalbergia latifolia	8	Drought tolerant
18	Kindal	Terminalia paniculata	4	Drought tolerant
19	Rain tree	Samanea saman	6	Large deciduous tree. Flowering
20	Tabebuia Pink	Tabebuia avellanadae	6	Large deciduous tree. Pink flowering
21	Tabebuia Yellow	Tabebuia argentea	6	Deciduous tree, ornamental, yellow flowers
22	Mahagony	Swietenia mahagoni	5	Large evergreen tree
23	Chafa	Plumeria alba	10	Fragrant white-yellow flowers

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**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	Bahava ( Cassia fistula )	4	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Parijatak ( Nyctanthes arbor-tritis)	4	Small deciduous fast growing tree, beautiful flowers
3	Apta (Bauhinia racemosa)	4	Small tree with small white flowers, Butterfly host plant
4	Pangara (Erythrina indica)	3	Medium sized deciduous tree. Bright scarlet flowers.

**47.Energy**

<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 82.5 KVA
	<b>During Operation phase (Connected load):</b>	2,073 KW
	<b>During Operation phase (Demand load):</b>	926 KW
	<b>Transformer:</b>	2 nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1 nos. x 250 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

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

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

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	13,500 KWH / Anum
2	Timer Logic Controller	69,572 KWH / Anum
3	Electronic V3F drive for Lifts	26,140 KWH / Anum
4	Solar Water Heater	5,91,600 KWH / Anum

**50.Details of pollution control Systems**

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b></p>	<p>Name:  Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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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. 75.73 Lakhs
	<b>O &amp; M cost:</b>	Rs. 2.53 Lakhs

## 51.Environmental Management plan Budgetary Allocation

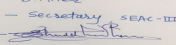
### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	To control air pollution	Water for Dust Suppression	2
2	To maintain hygienic condition	Site Sanitation, Disinfection & Safety	3
3	Air, water, noise and soil analysis	Environmental Monitoring	2
4	To check fitness of workers	Health Check up	2
5	To manage environmental issues	Environment Management Cell	1.6
6	Total	NA	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	1.93	0.2
2	Sewage Treatment Plant	To treat sewage	64.69	9.03
3	Organic Waste Composting	To treat biodegradable solid waste	20.75	4.92
4	Green Belt Development	Tree plantation	61.15	4.55
5	Energy saving	For use of solar lighting and solar heater	75.73	2.53
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	6	0.9
8	Laying of Sewer line up to final disposal point	For proper disposal of sewage	6	0.9
9	Basement Ventilation	For proper ventilation	2	0.5
10	Environment Management Cell	To manage environmental issues	--	0.65
11	Total	NA	238.25	27.18

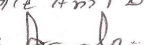
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

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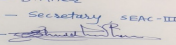
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

### 53.Traffic Management

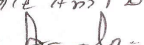
	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	1 no. of junction to main road towards West
<b>Parking details:</b>	<b>Number and area of basement:</b>	No. of basement: 1 Area of basement: 5,392 m <sup>2</sup>
	<b>Number and area of podia:</b>	No. of podium: 2 Area of podium: 8,647 m <sup>2</sup>
	<b>Total Parking area:</b>	12,595.35 m <sup>2</sup>
	<b>Area per car:</b>	Basement: 37.1 m <sup>2</sup> , Stilt Covered: 31.2 m <sup>2</sup> , Podium 1: 31.25 m <sup>2</sup> , Podium 2: 30.5 m <sup>2</sup>
	<b>Area per car:</b>	Basement: 37.1 m <sup>2</sup> , Stilt Covered: 31.2 m <sup>2</sup> , Podium 1: 31.25 m <sup>2</sup> , Podium 2: 30.5 m <sup>2</sup>
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Scooters: 892, provided: 897
	<b>Number of 4-Wheelers as approved by competent authority:</b>	Cars: 446, provided: 451
	<b>Public Transport:</b>	Not Applicable
	<b>Width of all Internal roads (m):</b>	Internal Driveway: 6 m, 9.9 m, 11 m & 12 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	8(a), B category
	<b>Court cases pending if any</b>	Not Applicable
	<b>Other Relevant Informations</b>	Not Applicable

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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Proposed Residential building project. At S. No. 20, Hissa No. 1 to 7, Mohhammed Wadi, Nibm Annex, Behind Marvel Sangria, Pune by '**Royal Palms**'

PP submitted their application for prior Environmental clearance for total plot area of 13500 Sq. Mtrs, BUA of 62437 Sq. Mtrs and FSI area of 31547 Sq. Mtrs. PP proposes to construct 1 no. residential buildings.

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

### DECISION OF SEAC

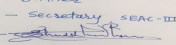
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) PP to submit high rise NOC .
- 2) PP to submit revised location of UGT.
- 3) PP to submit revised STP Drawing.
- 4) PP to submit undertaking for assured water supply.
- 5) PP to submit geohydrological report.
- 6) PP to submit drawing for rainwater harvesting recharge pit along with silt trap chambers.
- 7) PP to submit debris management plan.
- 8) PP to submit revised DMP by adding hospitals, Lightning arrester.
- 9) PP to submit cross sections of the plot boundary showing the Storm water drain, space left in between compound wall, tree plantation line, and internal road.
- 10) PP to submit revised list of trees i.e. existing & proposed.
- 11) PP to submit revised parking statement.
- 12) PP to submit revised CFO.

### FINAL RECOMMENDATION

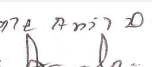

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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## 64 th Meeting of SEAC-3

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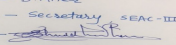
**Subject:** Environment Clearance for Project "Royal Rahadki Greens" by M/s G. K. Associates

**Is a Violation Case:** No

<b>1.Name of Project</b>	"Royal Rahadki Greens"
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. V. P. Chandwani
<b>4.Name of Consultant</b>	JV Analytical Services
<b>5.Type of project</b>	Residential & Commercial
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Expansion
<b>8.Location of the project</b>	S. No. 30/1 +2+3, 32/2D/3, Village - Rahatani, Tehsil Haveli, Dist - Pune.
<b>9.Taluka</b>	Haveli,
<b>10.Village</b>	Rahatani
<b>Correspondence Name:</b>	Mr. V. P. Chandwani
<b>Room Number:</b>	S.No. 120/2A
<b>Floor:</b>	-
<b>Building Name:</b>	-
<b>Road/Street Name:</b>	Opposite Shivar Garden Pimple Saudagar
<b>Locality:</b>	Pune
<b>City:</b>	Pune
<b>11.Area of the project</b>	PCMC
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Applicable
	<b>IOD/IOA/Concession/Plan Approval Number: -</b>
	<b>Approved Built-up Area: 56706.34</b>
<b>13.Note on the initiated work (If applicable)</b>	50151.52 m <sup>2</sup> (as per EC dated 01/04/2015)
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	19500.00 m <sup>2</sup>
<b>16.Deductions</b>	2092.73 m <sup>2</sup>
<b>17.Net Plot area</b>	17407.27 m <sup>2</sup>
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 27604.06 m <sup>2</sup>
	<b>b) Non FSI area (sq. m.):</b> 29102.28 m <sup>2</sup>
	<b>c) Total BUA area (sq. m.):</b> 56706.34
<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>	3702.38 m <sup>2</sup>
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	(18.98 % of the Total Plot Area) (21.26% of the Net Plot Area)
<b>21.Estimated cost of the project</b>	1800000000

## 22.Number of buildings & its configuration

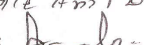
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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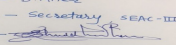
1	A	P + 12	37.70 M
2	B	P + 12	37.70 M
3	C	P + 12	37.70 M
4	D	P + 12	37.70 M
5	E	P + 12	37.70 M
6	F	P + 12	37.70 M
7	Commercial	GROUND+1	5.8 M
8	G	P+4	11.60 M
9	H	P+4	11.60 M
10	J	P+4	11.60 M
11	K	P+4	11.60 M
12	L	P+4	11.60 M

<b>23.Number of tenants and shops</b>	Residential -520 nos Shop - 5 & office - 2
<b>24.Number of expected residents / users</b>	Residential Users- 2600 nos. Commercial Users - 70 nos. (Shop - 5 & office - 2) Total Population: 2670Nos.
<b>25.Tenant density per hectare</b>	250
<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>	7.5 m
<b>29.Existing structure (s) if any</b>	Not Applicable
<b>30.Details of the demolition with disposal (If applicable)</b>	Not Applicable

### 31.Production Details

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

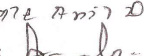
### 32.Total Water Requirement

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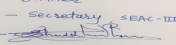
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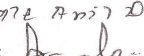

<b>Dry season:</b>	<b>Source of water</b>	PCMC							
	<b>Fresh water (CMD):</b>	389.91 m3/day							
	<b>Recycled water - Flushing (CMD):</b>	118.75 m3/day							
	<b>Recycled water - Gardening (CMD):</b>	24.75 m3/day							
	<b>Swimming pool make up (Cum):</b>	10.00 m3/day							
	<b>Total Water Requirement (CMD) :</b>	246.4 m3/day							
	<b>Fire fighting - Underground water tank(CMD):</b>	300 m3							
	<b>Fire fighting - Overhead water tank(CMD):</b>	60 m3							
	<b>Excess treated water</b>	176.12 m3/day							
<b>Wet season:</b>	<b>Source of water</b>	PCMC							
	<b>Fresh water (CMD):</b>	365.15m3/day							
	<b>Recycled water - Flushing (CMD):</b>	118.75 m3/day							
	<b>Recycled water - Gardening (CMD):</b>	-							
	<b>Swimming pool make up (Cum):</b>	10.00 m3/day							
	<b>Total Water Requirement (CMD) :</b>	246.4 m3/day							
	<b>Fire fighting - Underground water tank(CMD):</b>	300 m3							
	<b>Fire fighting - Overhead water tank(CMD):</b>	60 m3							
	<b>Excess treated water</b>	200.87 m3/day							
<b>Details of Swimming pool (If any)</b>	Dimension of Swimming Pool: 50 ft x 20 ft x 4.5 ft Total water Requirement in KLD: 10 m3/day Make up water requirement in KLD: NA 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. 23.94 Lakh O & M cost: Rs. 2.1 Lakh/year								
<b>33.Details of Total water consumed</b>									
<b>Particulars</b>	<b>Consumption (CMD)</b>			<b>Loss (CMD)</b>			<b>Effluent (CMD)</b>		
<b>Water Requirement</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 Sign - 

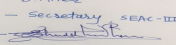
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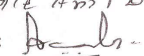
<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	• Pre-Monsoon: - 8.20 m BGL • PostMonsoon: - 4.20 m BGL
	<b>Size and no of RWH tank(s) and Quantity:</b>	-
	<b>Location of the RWH tank(s):</b>	-
	<b>Quantity of recharge pits:</b>	8 Nos
	<b>Size of recharge pits :</b>	1.5 x1.5 x 1.5 M
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 8.00 Lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1.00 Lakh/year
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity:376.00 m3 Flushing UG tank Capacity:216 m3 Fire UG tank Capacity: 300.00 m3
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	-
	<b>Quantity of storm water:</b>	7751.48 m3 /yr
	<b>Size of SWD:</b>	600 mm dia. pipe
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	319.64m3/day
	<b>STP technology:</b>	MMBR
	<b>Capacity of STP (CMD):</b>	275 m3/day & 50 m3/day
	<b>Location &amp; area of the STP:</b>	203.66 M2
	<b>Budgetary allocation (Capital cost):</b>	Rs.81.5 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs.19.00 Lakh/year
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	25 KG/DAY
	<b>Disposal of the construction waste debris:</b>	Use for Leveling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	530.5kg/day
	<b>Wet waste:</b>	787.00kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	66.5 kg/day
	<b>Others if any:</b>	NA

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Authorized vender
	<b>Wet waste:</b>	Organic waste convertor
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as Manure after treatment in OWC
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	-
	<b>Area for the storage of waste &amp; other material:</b>	85m2
	<b>Area for machinery:</b>	15 M2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.25.75 Lakh
	<b>O &amp; M cost:</b>	Rs.5.49 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

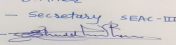
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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 - Existing = 125 KVA	HSD - 21.6 Lits / Hrs	S-1	4.68 Meter	As per norms	-
2	DG set - Proposed = 62.5 KVA	HSD - 11.6 Lits / Hrs	S-2	3.68 Meter	As per norms	-

### 40.Details of Fuel to be used

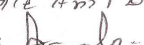

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	21.6 Lits / Hrs	21.6 Lits / Hrs
2	HSD	Not applicable	11.6 Lits / Hrs	11.6 Lits / Hrs

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41.Source of Fuel	Bharat Petroleum corporation limited/Hindustan Petroleum
42.Mode of Transportation of fuel to site	By Roadway

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3541.14 m2
	<b>No of trees to be cut :</b>	-
	<b>Number of trees to be planted :</b>	133 Nos
	<b>List of proposed native trees :</b>	133 Nos
	<b>Timeline for completion of plantation :</b>	Mid of Construction

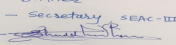
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusop Ellengii	Bakul	18	Fragrant flowers, Medicinal value, To control soil erosion.
2	Cassia Glauca	Cassia	18	Yellow flowering ,avenuecreation,can survive with small qty of water,controls soil erosion,shady.
3	Acrus sapota	Chickoo	24	Edible fruit, Bird attracting species.
4	Michilli Champaka	Sonchaffa	15	Great fragrant flowers, flowers are in demand throught the year, used for worshipment. Creates avenue.
5	Royal Palm	Bottle Plam	18	Avenue Plant.
6	Mangifera indica	Mango	17	Edible fruit, Bird attracting species.
7	Bauhinia Blackenea	Kanchan	23	Indigeneous specie, maroon color flowering,shady
8	Codia sabistana	Cordia	24	Orange flowering, grows tall, indigeneousspecie.Shady.
9	Millingtonia	Indian Cork tree	18	Local name- Booch, White fragrant flowering, Grows tall, Shady.
10	Plumeria Alba	Franjipani	21	White fragrant flowers throught the year.Can be Trimmed & shaped. Dense foliage. Used for worshipment
11	Ficus benjamina	Nandaruk	24	Grows tall, very dense foliage. Shady. Can be Trimmed and shaped. Highlighter of garden.
12	Ficus glomurata	Umber	28	Medicinal value, Edible fruits, Bird attracting species
13	Syzygium cumini	Jamun	25	Medicinal value, Edible fruit.

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

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

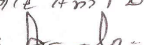
Serial Number	Name	C/C Distance	Area m2
1	-	-	-

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## 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	51 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA - 1 No
	<b>During Operation phase (Connected load):</b>	Existing - 2992 KW & Proposed - 380 KW
	<b>During Operation phase (Demand load):</b>	Existing - 2025 KW / 2531 KVA & Proposed - 184 KW / 229 KVA
	<b>Transformer:</b>	630 KVA -4 Nos. (Existing) 315 KVA - 1 Nos (Proposed)
	<b>DG set as Power back-up during operation phase:</b>	125 KVA -1 No. (Existing) 62.5 KVA - 1 No. (Proposed)
	<b>Fuel used:</b>	21.6 Lits / Hrs. 125 KVA -1 No. (Existing) 11.6 Lits / Hrs. 62.5 KVA - 1 No. (Proposed)
	<b>Details of high tension line passing through the plot if any:</b>	no

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

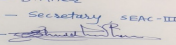
- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches 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.
- Detail Calculations & % Of Saving: Is 8.2%

## 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Low power high efficiency LED lights for Parking & Lobby Area.	4727 KWH
2	Low power high efficiency LED lights in Land-scpe & Street lights.	1314 KWH
3	Low power high efficiency LED lights in Solar Street Lights.	2628 KWH
4	Energy saving by solar water heater	131175 KWH
5	Total of all Savings for ( per year )	138530 KWH
6	Total of all Savings for ( per Day )	380 KWH
7	Percentage Saving.	8.2 %

## 50. Details of pollution control Systems

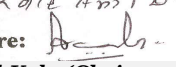

Source	Existing pollution control system	Proposed to be installed
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Air	-	Ambient air quality monitoring to be done in once a fortnight. Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 16.00 Lakh
	<b>O &amp; M cost:</b>	Rs. 0.40 Lakh/year

## 51.Environmental Management plan Budgetary Allocation

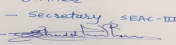
### a) Construction phase (with Break-up):

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

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage treatment plant	81.5 Lakh	19.00
2	MSW	Solid Waste Management	25.75 Lakh	5.49
3	RWH	Rain Water Harvesting	8.00 Lakh	1.00
4	Swimming Pool	Swimming Pool	23.94 Lakh	2.1
5	Solar System	Solar System	16.00 Lakh	0.40
6	Landscaping	Landscaping	60.00 Lakh	4.00
7	Safety Equipment	Safety Equipment	10.00 Lakh	2.50
8	Post EC Monitoring	Post EC Monitoring	-	2.5
9	Dry Waste Management	Dry Waste Management	-	1.30

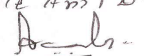
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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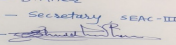
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

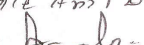
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	-
	Total Parking area:	12068.20 m <sup>2</sup>
	Area per car:	46.60 m <sup>2</sup>
	Area per car:	46.60 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	1052
	Number of 4-Wheelers as approved by competent authority:	264
	Public Transport:	-
	Width of all Internal roads (m):	6 m & 7.5 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	-
	Other Relevant Informations	-

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	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Environment Clearance for Project "Royal Rahadki Greens" at S. No. 30/1 +2+3, 32/2D/3, Village - Rahatani, Tehsil Haveli, Dist - Pune. by **M/s G. K. Associates.**

PP submitted their application for expansion of Environmental clearance for total plot area of 19500 Sq. Mtrs, BUA of 56706.34 Sq. Mtrs and FSI area of 27604.06 Sq. Mtrs. PP proposes to construct 7 no. residential buildings and 1 no 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

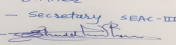
***PP requested for time to submit above information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.***

**Specific Conditions by SEAC:**

- 1) PP to submit cross sections of the plot boundary showing the Storm water drain, space left in between compound wall, tree plantation line, and internal road.
- 2) PP to submit RG drawing showing virgin on ground and restrict the area within permissible limit.
- 3) PP to submit revised drainage NOC.
- 4) PP to submit details of STP design & technology.
- 5) PP to submit details of energy saving calculations.
- 6) PP to submit revised landscape plan.

### FINAL RECOMMENDATION

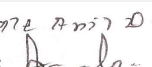

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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## 64 th Meeting of SEAC-3

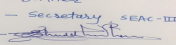
**SEAC Meeting number: 64 Meeting Date April 12, 2018**

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

**Is a Violation Case:** No

**General Information:** Time: 10:00 am onwards Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400020

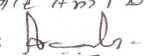
<b>1.Name of Project</b>	'HI LIFE ' Residential development with convenient shopping project by M/s. Rising Welworth Enterprises LLP
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Mr. Nilesh Palresha one of partner of m/s. Rising Welworth Enterprises LLP
<b>4.Name of Consultant</b>	Ultra-Tech (Environmental Consultancy and Laboratory)
<b>5.Type of project</b>	Residential development with restaurant and convenient shopping 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>	Survey No. 18/6
<b>9.Taluka</b>	Mulshi
<b>10.Village</b>	Thergaon
<b>Correspondence Name:</b>	Mr. Nilesh Palresha
<b>Room Number:</b>	S.no. 34 A/6/2, plot no. 3,4,& 6
<b>Floor:</b>	NA
<b>Building Name:</b>	Behind Shakti Sports
<b>Road/Street Name:</b>	Pune nagar road
<b>Locality:</b>	Near Inorbit mall Wadgaonsheri,
<b>City:</b>	Pune
<b>11.Area of the project</b>	Pimpri Chinchwad Municipal Corporation (PCMC)
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Applied IOD/IOA/Concession/Plan Approval Number: Applied Approved Built-up Area: 147319.64
<b>13.Note on the initiated work (If applicable)</b>	Not Applicable
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	27,289.00 m2
<b>16.Deductions</b>	3138.54 m2
<b>17.Net Plot area</b>	24,150.46 m2
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 42,418.82 m2; 47,176.50 m2 (Including Mhada) <b>b) Non FSI area (sq. m.):</b> 68,561.59 m2 <b>c) Total BUA area (sq. m.):</b> 115738.09
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 147319.64 <b>Approved Non FSI area (sq. m.):</b> 68,561.59 <b>Date of Approval:</b> 09-12-1999
<b>19.Total ground coverage (m2)</b>	6,413.65 m2 for building, 15,901.31 m2 including podium
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	23.5% for building, 58.27% including podium
<b>21.Estimated cost of the project</b>	1988900000

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## 22. Number of buildings & its configuration

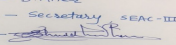
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type 1, 1 number	3P+ 20	69.95
2	Type 2, 1 number	3P+ 20	69.95
3	Type 3, 1 number	3P+ 20	69.95
4	Type 4, 1 number	3P+ 5	22.05
5	Type 5, 1 number	3P+ 5	22.05
6	Type 6, 1 number	3P+ 6	25.05
7	Commercial Building	2B + G + 3P + 4	31.00
8	MHADA	P + 11	36.00

<b>23. Number of tenants and shops</b>	Residential: 540 Tenements Commercial: 16 showroom, 12 restaurant + Gym + Business center +117offices
<b>24. Number of expected residents / users</b>	Residential user: 2,700 nos Commercial user: 2,057 nos.
<b>25. Tenant density per hectare</b>	198
<b>26. Height of the building(s)</b>	
<b>27. Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Nearest Fire Station: PCMC fire station 5.06 km
<b>28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Turning radius for easy access of fire tender movement from all around the building is 9.00 m
<b>29. Existing structure (s) if any</b>	Temporary shades
<b>30. Details of the demolition with disposal (If applicable)</b>	Temporary Shades will be demolished and will be used on other sites and sold to recyclers.

## 31. Production Details

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

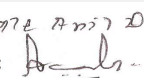
## 32. Total Water Requirement

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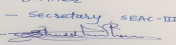
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Dry season:	Source of water	PCMC
	Fresh water (CMD):	294
	Recycled water - Flushing (CMD):	162
	Recycled water - Gardening (CMD):	16
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	472
	Fire fighting - Underground water tank(CMD):	575
	Fire fighting - Overhead water tank(CMD):	20 each for Residential and Commercial bldgs. 5 for MHADA
	Excess treated water	191
Wet season:	Source of water	PCMC
	Fresh water (CMD):	294
	Recycled water - Flushing (CMD):	162
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	456
	Fire fighting - Underground water tank(CMD):	575
	Fire fighting - Overhead water tank(CMD):	20 each for Residential and Commercial bldgs. 5 for MHADA
	Excess treated water	207
Details of Swimming pool (If any)	NA	

### 33.Details of Total water consumed

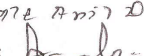

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	Not applicable	294	294	Not applicable	59	59	Not applicable	235	235
Domestic	NA	162	162	NA	0	0	NA	162	162
Gardening	NA	16	16	NA	16	16	NA	0	0

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Designation - Secretary SEAC-III  
Sign - 

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

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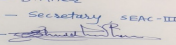
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**Shri. Anil Kale (Chairman SEAC-III)**



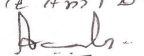
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	7-15m below ground level
	<b>Size and no of RWH tank(s) and Quantity:</b>	NA
	<b>Location of the RWH tank(s):</b>	NA
	<b>Quantity of recharge pits:</b>	6 No.
	<b>Size of recharge pits :</b>	2.0 x 2.0 x 1.5 m
	<b>Budgetary allocation (Capital cost) :</b>	10 lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	1 lakh/annum
	<b>Details of UGT tanks if any :</b>	Raw Water: UG tank Capacity: 747.00m <sup>3</sup> /d; Treated water UG tank Capacity: 180m <sup>3</sup> /d; Drinking UG tank Capacity: 61.0m <sup>3</sup> /d; Fire UG tank Capacity: 575m <sup>3</sup> /d
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	West to East
	<b>Quantity of storm water:</b>	25.58 m <sup>3</sup> /min
	<b>Size of SWD:</b>	600mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	410
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	4 STPs having capacity of 250m <sup>3</sup> , 60m <sup>3</sup> , 100m <sup>3</sup> & 60m <sup>3</sup>
	<b>Location &amp; area of the STP:</b>	Residential STPs Area - 180m <sup>2</sup> ; Commercial STP Area - 56m <sup>2</sup> ; MHADA STP Area - 42m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	162.61 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	26.51 Lakhs
<b>36. Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Waste generation : 25 Kg/Day , Top Soil: 3250 m <sup>3</sup>
	<b>Disposal of the construction waste debris:</b>	To be used for leveling of plot
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	847 kg/day
	<b>Wet waste:</b>	1013 kg/day
	<b>Hazardous waste:</b>	Negligible
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	94 Kg/day
	<b>Others if any:</b>	Not any

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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to SWaCH
	<b>Wet waste:</b>	Treated in OWC
	<b>Hazardous waste:</b>	handed over to authorised vendor as and when required
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Will be used as manure for landscaping
	<b>Others if any:</b>	not any
<b>Area requirement:</b>	<b>Location(s):</b>	As shown in Master Layout
	<b>Area for the storage of waste &amp; other material:</b>	33m2
	<b>Area for machinery:</b>	122m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	42.20 Lakhs
	<b>O &amp; M cost:</b>	9.61 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

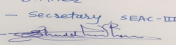
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 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	100 kVA	HSD	1	10	0.200	400 C
2	200 kVA	HSD	1	30	350	450 C
3	200 kVA	HSD	1	30	350	450 C
4	750 kVA	HSD	1	10	150	400 C
5	750 kVA	HSD	1	10	150	400 C

### 40. Details of Fuel to be used

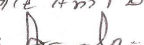
Serial Number	Type of Fuel	Existing	Proposed	Total

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1	HSD	Not applicable	3470 LITERS total in 5 separate DG sets	3470 LITERS total in 5 separate DG sets
41.Source of Fuel		Authorised dealer		
42.Mode of Transportation of fuel to site		By Road		

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	3140.00 m2
	<b>No of trees to be cut :</b>	Not Any
	<b>Number of trees to be planted :</b>	368 (including existing 14 trees)
	<b>List of proposed native trees :</b>	Given in the list below
	<b>Timeline for completion of plantation :</b>	Will be completed before the operation phase

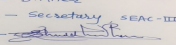
#### 44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephalus cadamba	Kadamb	32	Native, evergreen, gives shade, flowers, mythological value & wound healing medical use
2	Terminalia catappa	Badam	32	Fruits is edible tasting slightly, Herbal Medicine Use
3	Bauhinia purepurea	Kanchan	32	Native, attracts birds and insects, medicinal value
4	Plumeria alba	Champa	32	Native, evergreen, for beautiful fragrant flowers.
5	Plumeria rubra	Lal chafa	30	Anti-oxidative & proteolytic activities medicine use & fragrant flowers
6	Callistemon viminalis	Weeping bottlebrush	30	Native, for shade, medicinal value, attracts birds & insects
7	Ficus benamina	Weeping fig	30	Evergreen tree, non flowering, Native, can be pruned and given topiary effect
8	Cassia javanica	Apple blossom Cassia	30	The fruits (legumes) ripen in the fall.
9	Cordia sebestana	geiger tree	30	an Ornamental plants, flowering plants
10	Putranjiva roxburghii	Putranjiva	30	evergreen tree, Seed yields fatty oil used for burning, medicinal value
11	Areca catechu	Supari	30	Medicinal value, Ornamental plants
12	Roystonea regia	Royal Plam	30	Medicinal value, Ornamental plants
13	--	Total	368	--

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

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

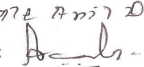
Serial Number	Name	C/C Distance	Area m2
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1	Na	NA	NA
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### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	60 kVA
	<b>DG set as Power back-up during construction phase</b>	75 kVA
	<b>During Operation phase (Connected load):</b>	6267.91kW
	<b>During Operation phase (Demand load):</b>	2674.1kW
	<b>Transformer:</b>	5 x 630 kVA; 1 x 315 kVA
	<b>DG set as Power back-up during operation phase:</b>	200 kVA x 2, 100 kVA x 1, 750 kVA x 2
	<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:

Provision of Solar PV panels for solar water heating  
 Energy efficient fluorescent tube lights, CFL & LED  
 Astronomical timer for external lighting  
 Sensor based lighting for lobby's, reception area  
 Twin speed flow for basement ventilation

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

Serial Number	Energy Conservation Measures	Saving %
1	Provision of Solar PV panels for solar water heating	Provision of Solar PV panels for solar water heating
2	Energy efficient fluorescent tube lights, CFL & LED	Energy efficient fluorescent tube lights, CFL & LED
3	Astronomical timer for external lighting	Astronomical timer for external lighting
4	Sensor based lighting for lobby's, reception area	Sensor based lighting for lobby's, reception area
5	Twin speed flow for basement ventilation	Twin speed flow for basement ventilation

### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	MBBR technology
OWC	Not applicable	SMART OWC
DG Sets	Not applicable	Stack as per CPCB norms

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	205 Lakhs
	<b>O &amp; M cost:</b>	32.5 lakh/annum

## 51. Environmental Management plan Budgetary Allocation

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

 Name - S.D. Aher Designation - Secretary SEAC-III Sign - <i>S.D. Aher</i> <b>S.D.Aher (Secretary SEAC-III)</b>	<b>SEAC Meeting No: 64 Meeting Date: April 12, 2018</b>	Name: <i>Kale Anil D.</i> Signature: <i>Anil Kale</i> <b>Shri. Anil Kale (Chairman SEAC-III)</b>
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression ,air and noise monitoring	2.5
2	Water	Tanker water for construction, water monitoring	2.02
3	Land	Site Sanitation	4.6
4	BIOLOGICAL	gardening	13.98
5	Socio-economic	Safety, First Aid, Health Hygiene Facilities, Disinfection at site, Health Check Up, Crèches for children, Personal Protective Equipment	14.69
6	Energy Conservation	CFL lamps for labour hutments	0.16

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water	STP	162.61	26.51
2	Water	Rain water harcetsing	10.00	1.0
3	Environmental Monitoring	From MoEF CC approved laboratory	00	8.95
4	Energy	Energy Conservation Measures	376.00	1.88
5	Land	Gardening	25.00	4.5
6	Solid Waste	OWC	42.20	9.61

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

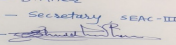
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

**53.Traffic Management**

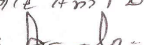
<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Two Entry-Exit on 45m Wide Aundh-Ravet Road on East Side and One on 24m Wide DP Road on West side. And 2 Commercial Entry- Exits on 12m Wide Road at SW.
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Name - S.D.Aher  
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**S.D.Aher (Secretary SEAC-III)**

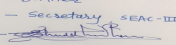
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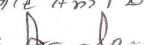
<b>Parking details:</b>	<b>Number and area of basement:</b>	2 Basement of Area 2850 m2
	<b>Number and area of podia:</b>	3 Podium and 30,636 m2
	<b>Total Parking area:</b>	43,974.38 m2
	<b>Area per car:</b>	Open: 25 m2, Stilt: 30 m2
	<b>Area per car:</b>	Open: 25 m2, Stilt: 30 m2
	<b>Number of 2-Wheelers as approved by competent authority:</b>	applied for sanction
	<b>Number of 4-Wheelers as approved by competent authority:</b>	applied for sanction
	<b>Public Transport:</b>	PMPML Bus Stop near the project
	<b>Width of all Internal roads (m):</b>	6 m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	None within 10 km radius around project
	<b>Category as per schedule of EIA Notification sheet</b>	8 a (B2)
	<b>Court cases pending if any</b>	Not Any
	<b>Other Relevant Informations</b>	The project was considered in 55th SEAC meeting and compliance were raised.
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	16-09-2016
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

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

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Name: K. Anil Kale  
 Signature: 

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

Environment Clearance for New Construction project 'HI LIFE ' Residential development with convenient shopping project at Survey No. 18/6, Thergaon tal- Mulshi ,by **M/s. Rising Welworth Enterprises LLP**

The case was earlier considered in 40<sup>th</sup> meeting of the SEAC - III held from 12<sup>th</sup> to 15<sup>th</sup> January 2016, when PP remained absent. The case was again considered in 46<sup>th</sup> meeting of the SEAC - III held from 25<sup>th</sup> to 29<sup>th</sup> April, 2016. During discussion committee noticed that PP has carried out substantial changes in earlier appraised proposal. The case is deferred till PP gives full information and revise all data including consolidated statement.

Now in 64<sup>th</sup> meeting committee considered application for expansion of Environmental clearance for total plot area of 27,289.00 Sq. Mtrs, BUA of 115738.09 Sq. Mtrs and FSI area of 42,418.82 m<sup>2</sup> + 47,176.50 m<sup>2</sup> (Including Mhada). PP proposes to construct 7 no. residential buildings and 1 no 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

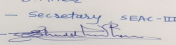
**SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the following conditions.**

#### Specific Conditions by SEAC:

- 1) PP to upload CFO NOC for commercial component and NOC for full height.
- 2) PP to submit details of energy saving calculations.
- 3) PP to submit revised tree list.
- 4) PP to submit undertaking for assured water supply.
- 5) PP to upload DMP.

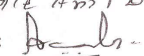
### FINAL RECOMMENDATION

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

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