

## Agenda of 63 rd Meeting of SEAC-3

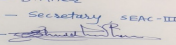
**SEAC Meeting number: 63 Meeting Date** February 9, 2018

**Subject:** Environment Clearance for Expansion / Amendment Construction Project

1.Name of Project	"River Residency" by M/s River Residency Developers
2.Type of institution	TOR
3.Name of Project Proponent	Mr. Ishwar C. Parmar
4.Name of Consultant	Ultra-Tech (Environment Consultancy & Laboratory)
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	EC obtained vide letter No. SEAC-2011/CR.620/TC.2 dated 07th October 2011
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC obtained vide letter No. SEAC-2011/CR.620/TC.2 dated 07th October 2011
8.Location of the project	Gat No. 90,
9.Taluka	Haveli
10.Village	Chikhali
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Will be applied
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Will be applied
	<b>Approved Built-up Area:</b> 133687.47
13.Note on the initiated work (If applicable)	EC obtained vide letter No. SEAC-2011/CR.620/TC.2 dated 07th October 2011 for Construction area 2,39,049.92m <sup>2</sup> ; Out of above 1,99,001.66m <sup>2</sup> is already completed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	231000.00
16.Deductions	151494.40
17.Net Plot area	79505.61
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 133687.48
	b) Non FSI area (sq. m.): 109160.22
	c) Total BUA area (sq. m.): 242847.70
19.Total ground coverage (m2)	14698.42
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.48
21.Estimated cost of the project	3050000000.00

### 22.Number of buildings & its configuration

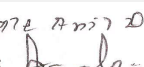

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A-Type	P+12	38.85
2	B-Type	P+12	38.85
3	C-Type	P+12	38.85
4	D-Type	P+12	38.85
5	E-Type	P+12	38.85
6	F-Type	P+12	38.85
7	G-Type	P+12	39.85
8	H-Type	P+12	39.85
9	I-Type	P+12	39.85
10	J-Type	P+12	39.85

Name - S.D.Aher  
Designation - Secretary SEAC-III  
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11	K-Type	P+12	39.85
12	L-Type	P+12	39.85
13	M-Type	P+12	38.85
14	A16a-Type + Commercial	P+12	36.60
15	A16b-Type + Commercial	P+12	36.60
16	A16c-Type + Commercial	P+12	36.60
17	A17-Type + Commercial	P+12	36.60
18	N1-Type	P+12	38.85
19	N2-Type	P+12	38.85
20	P-Type	P+12	38.85
21	Q-Type	P+12	38.85
22	R-Type	P+12	38.85
23	S-Type	P+12	38.85
24	N3-Type	P+12	38.85
25	N4-Type	P+12	38.85
26	T-Type	P+12	38.85
27	U-Type	P+12	38.85
28	V-Type	P+12	38.85
29	Club House - 1	Gr+1	10.50
30	Club House - 2 & 3	Gr	7.50

<b>23.Number of tenants and shops</b>	2378 - Tenements; 39 - Shops
<b>24.Number of expected residents / users</b>	There will be influx of 12020 people (11890 residential, 130 commercial) in proposed project.
<b>25.Tenant density per hectare</b>	250 Tenement / hectare
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	PCMC Fire Station - 10km away from proposed site. Width of the existing road from the nearest fire station to the proposed building is 18m
<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 9m
<b>29.Existing structure (s) if any</b>	Existing: Building A, B, C, D, E, F, G, H, I, J, K, L, M, N1, N2, P, Q, R, A16A, A16B, A16C, A16-ABC (conv shop), A17, A17(conv shop), Club House 1, Club House 2, Multipurpose hall, Covered parking and raised open space Under Construction: Building S
<b>30.Details of the demolition with disposal (If applicable)</b>	NA

### 31.Production Details

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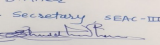
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

### 32.Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	From PCMC, Water Tankers		
	<b>Fresh water (CMD):</b>	1,099		
	<b>Recycled water - Flushing (CMD):</b>	539		
	<b>Recycled water - Gardening (CMD):</b>	55		
	<b>Swimming pool make up (Cum):</b>	248		
	<b>Total Water Requirement (CMD) :</b>	1,700		
	<b>Fire fighting - Underground water tank(CMD):</b>	1,400		
	<b>Fire fighting - Overhead water tank(CMD):</b>	560		
	<b>Excess treated water</b>	848		
<b>Wet season:</b>	<b>Source of water</b>	From PCMC, Water Tankers		
	<b>Fresh water (CMD):</b>	1,099		
	<b>Recycled water - Flushing (CMD):</b>	539		
	<b>Recycled water - Gardening (CMD):</b>	00		
	<b>Swimming pool make up (Cum):</b>	248		
	<b>Total Water Requirement (CMD) :</b>	1,645		
	<b>Fire fighting - Underground water tank(CMD):</b>	1,400		
	<b>Fire fighting - Overhead water tank(CMD):</b>	560		
	<b>Excess treated water</b>	903		
<b>Details of Swimming pool (If any)</b>	Phase 1 - 2,05,000 lits Phase 3 - 43,200 lits			

### 33.Details of Total water consumed

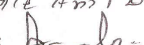
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	836	263	1099	100	32	132	736	232	968

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Domestic	407	132	539	49	16	65	358	116	474
Gardening	55	00	55	55	00	55	00	00	00
<b>34.Rain Water Harvesting (RWH)</b>									
	<b>Level of the Ground water table:</b>	Wet Season 30m; Dry Season 60m							
	<b>Size and no of RWH tank(s) and Quantity:</b>	One quarry having capacity 30,000m <sup>3</sup>							
	<b>Location of the RWH tank(s):</b>	NA							
	<b>Quantity of recharge pits:</b>	Existing: 7 pits (Phase III) Proposed:13 pits (Phase IV)							
	<b>Size of recharge pits :</b>	Borehole dia 150mm having depth 100ft Size of the chamber - 900mm x 1200mm x 1000mm							
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 25 Lakhs							
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 1.5 Lakhs/Annum							
	<b>Details of UGT tanks if any :</b>	Domestic UG tank Capacity: 1639m <sup>3</sup> Fire fighting: 1400m <sup>3</sup> Rainwater harvesting Tank: 30,000m <sup>3</sup>							
<b>35.Storm water drainage</b>									
	<b>Natural water drainage pattern:</b>	Sloping from South to North							
	<b>Quantity of storm water:</b>	2.31 m <sup>3</sup> / sec							
	<b>Size of SWD:</b>	Ø600mm having slope 1:120							
<b>Sewage and Waste water</b>									
	<b>Sewage generation in KLD:</b>	1445							
	<b>STP technology:</b>	MBBR							
	<b>Capacity of STP (CMD):</b>	Two streams of 725m <sup>3</sup> /day each; Total 1450m <sup>3</sup> /day @ 21hrs working							
	<b>Location &amp; area of the STP:</b>	Eastern centre of Plot							
	<b>Budgetary allocation (Capital cost):</b>	Rs. 300 Lakhs							
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 80 Lakhs/Annum							
<b>36.Solid waste Management</b>									
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	81,257m <sup>3</sup>							
	<b>Disposal of the construction waste debris:</b>	Quantities shall be reused for filling if remained shall be disposed to authorized recycler.							
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	2104							
	<b>Wet waste:</b>	3399							
	<b>Hazardous waste:</b>	NA							
	<b>Biomedical waste (If applicable):</b>	NA							
	<b>STP Sludge (Dry sludge):</b>	212							
	<b>Others if any:</b>	NA							
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to PCMC
	<b>Wet waste:</b>	Smart Organic waste composter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	North East, Centre East, West in the Plot
	<b>Area for the storage of waste &amp; other material:</b>	65 m <sup>2</sup>
	<b>Area for machinery:</b>	140 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 70 Lakhs
	<b>O &amp; M cost:</b>	Rs. 15 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			

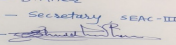
### 38. Hazardous Waste Details

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	Diesel - 19 ltr/hr	1	6	0.10	123
2	125 kVA	Diesel - 23 ltr/hr	1	6	0.10	133
3	160 kVA	Diesel - 30 ltr/hr	1	7	0.15	139
4	180 kVA	Diesel - 42 ltr/hr	2	7	0.15	139
5	320 kVA	Diesel - 55 ltr/hr	1	10	0.10	210
6	35 kVA	Diesel - 6 ltr/hr	1	5	0.10	115

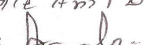
### 40. Details of Fuel to be used

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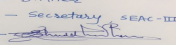
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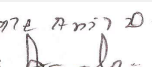

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	169	48	217
41.Source of Fuel		Authorized dealer		
42.Mode of Transportation of fuel to site		By road		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	12,152.05 m2		
	<b>No of trees to be cut :</b>	00		
	<b>Number of trees to be planted :</b>	1300		
	<b>List of proposed native trees :</b>	Given		
	<b>Timeline for completion of plantation :</b>	Before project completion		
<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	Millingtonia hortensis	Buchade Jhad	52	A very tall growing tree. Flowers are highly but pleasantly scented. Flowers resemble.
2	Alstonia Scholaris	Sapata parni	90	Alstonia is evergreen fast-growing tree, that grows up to 40 m tall.The fragrant flowers are greenish white and occurs in early winter.
3	Neolamarckia cadamba	Burflower Tree	10	Indigenous to the warmer parts of India.It grows to 15-20 m tall.
4	Anthocephalus Kadamba	Kadamba	11	Shady, large tree, ball shaped flowers.
5	Azadiracta Indica	Neem Tree	4	Hardy tree, grows in dry land & have medical properties
6	Bahunia Blackena	Hong Kong Orchid Tree	2	is a legume tree of the genus Bauhinia, with large thick leaves and striking purplish red flowers.
7	Bauhinea Pupurea	Phanera Purpurea	5	Phanera purpurea is a small to medium-size deciduous tree growing to 17 feet (5.2 m) tall. The leaves are 10-20 centimetres (3.9-7.9 in) long and broad,
8	Bauhinia Variegeta	Kachnar	18	This is a very popular ornamental tree in tropical climates, grown for its scented flowers and also used as food item.
9	Cordia dichotoma	Bird Lime Tree	25	The stem bark is greyish brown, smooth or longitudinally wrinkled. Flowers are short-stalked, bisexual, white in colour which open only at night.

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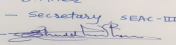
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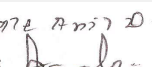

10	Ficus benjamina	Ficus Tree	19	Ficus benjamina is a tree reaching 30 metres (98 ft) tall in natural conditions, with gracefully drooping branchlets and glossy leaves 6-13 cm (2-5 in), oval with an acuminate tip.
11	Butea Monosperma	Palas	2	It is a medium-sized dry season-deciduous tree, growing to 15 m (49 ft) tall. It is a slow growing tree, young trees have a growth rate of a few feet per year.
12	Caryoto Mitis	Fishtail Palm	86	Caryota mitis has clustered stems up to 10 m (33 feet) tall and 15 cm (6 inches) in diameter. Leaves can be up to 3 m (10 feet) long. Flowers are purple, fruits dark purple or red.
13	Casia Fistula	Golden Rain Tree	95	The golden shower tree is a medium-sized tree, growing to 10-20 m (33-66 ft) tall with fast growth.
14	Cordia Sebastina	Shrubby Tree	7	Cordia sebestena grows to a maximum height of 25-30 feet at maturity, with a nearly equal spread. The crown is round to vase-shaped. Branches tend to be somewhat drooping, and the tree is naturally multitrunked.
15	Erythrina Indica	Parijat	53	The tree is considered ornamental and has pleasant fragrance.
16	Euphorbia Caracasana	Uforbia Caracasana	23	The deep red leaves stand out anywhere. Plants are hardy and quick growing.
17	Artocarpus heterophyllus	Jack-fruit	11	The jackfruit, also known as jack tree, jakfruit, or sometimes simply jack or jak, is a species of tree in the fig,
18	Ficus Benjamina	Weeping Tree	4	It is a very popular house plant in temperate areas, due to its elegant growth and tolerance of poor growing conditions.
19	Syzygium cumini	Jambhul	55	The name of the fruit is sometimes mistranslated as blackberry, which is a different fruit in an unrelated family.
20	Neolamarckia cadamba	Bur Flower Tree	23	A fully mature kadam tree can reach up to 45 m (148 ft) in height. It is a large tree with a broad crown and straight cylindrical bole.
21	Pongamia Pinnata	Karanj	20	Leaves used for green manuring branches used as tooth brush seeds for oil, used for soil conservation.
22	Lagerstroemia	Banaba Plant	2	It is a small to medium-sized tree growing to 20 metres (66 ft) tall, with smooth, flaky bark.

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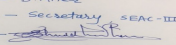
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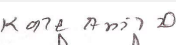

23	Lagerstromia Spaciosa	Pride Of India	14	Agerstroemia speciosa, also known by the common name Pride-of-India, is a shrub to large tree with multiple.
24	Mangifera Indica	Mango	75	Fruit tree
25	Michelia Champaca	Champak	8	In its native range Magnolia champaca grows to 50 metres (160 ft) or taller. Its trunk can be up to 1.9 metres (6.2 ft) in diameter.
26	Millingtonia Hortensis	Jasmine Tree	80	It reaches maturity between 6 and 8 years of age and lives for up to 40 years. It is a versatile tree which can grow in various soil types and climates with a preference for moist climates.
27	Mimosops Elengi	Spanish Cherry	36	Leaves are glossy, dark green, oval-shaped, 5-14 cm (2.0-5.5 in) long, and 2.5-6 cm (0.98-2.36 in) wide.
28	Mussanda Pink	Ashanti Blood	28	The bracts of the shrub may have different shades, including red, rose, white, pale pink or some mixtures
29	Azadirachta indica	Neem	105	It is evergreen, but in severe drought it may shed most or nearly all of its leaves. The branches are wide and spreading.
30	Putranjiva Roxburgii	Putravanti	9	A small evergreen tree with drooping branches (looks like and mistaken for Asopalav).
31	Royal Palms	Florida Royal Palm	24	The trunk is stout, very smooth and grey-white in colour with a characteristic bulge below a distinctive green crownshaft.
32	Saraca Indica	Ashoka Tree	70	The ashoka is prized for its beautiful foliage and fragrant flowers. It is a handsome, small, erect evergreen tree, with deep green leaves growing in dense clusters.
33	Spathodia Companulata	Flame Of The Forest	6	The flower bud is ampule-shaped and contains water. These buds are often used by children who play with its ability to squirt the water.
34	Illicium verum	Star Tree	23	carambola is a small tree or shrub that grows 5-12 metres tall, with rose to red-purple flowers.
35	Tabebuia Argentia	Silver Trumpet Tree	4	The leaves are palmately compound, with five or seven leaflets, each leaflet 6-18 cm long, green with silvery scales both above and below.
36	Tabebuia Rosea	Rosy Trumpet Tree	4	The tree crown is wide, with irregular, stratified ramification and only few thick branches

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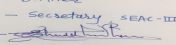


37	Tecoma Gaudichaudi	Gaudi Chaudi	22	It is amongst the brightest yellow you can have in your garden. Native of West Indies & Texas to Argentina.
38	Terminalia Catappa	Indian-Almond	31	Terminalia catappa has corky, light fruit that are dispersed by water. The seed within the fruit is edible when fully ripe, tasting almost like almond.
39	Terminalia Mentalle	Evergreen Tree	55	Terminalia mantaly is a deciduous or evergreen tree with conspicuously layered branches, growing 10 - 20m tallx
40	Thewetia Nerifolia	Yellow Oleander	17	Cascabela thevetia is an evergreen tropical shrub or small tree. Its leaves are willow-like, linear-lanceolate, and glossy green in color.
41	Arecaceae	Plam Tree	49	They are flowering plants Most palms are distinguished by their large, compound, evergreen leaves, known as fronds, arranged at the top of an un-branched stem.
42	Plumeria	Chafa	23	It is a genus of flowering plants in the dogbane family, Apocynaceae.

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

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

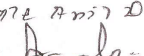
Serial Number	Name	C/C Distance	Area m2
1	Plam Row	2.81m	95.80
2	Areca Palm	1.20m	34.20
3	Budda Belly Bamboo	1.20m	42.71
4	Alpinea Red Ginger	0.60m	25.86
5	Helliconia Psittacorum	0.60m	28.04
6	Raphis Excelsa	0.75m	24.33
7	Murraya Exotica	0.60m	16.92
8	Gardenia Jasminoides	0.60m	16.29
9	Jasminum Sambac	0.60m	11.24
10	Hedychium Coronarium	0.60m	13.92
11	Nerium Dwarf	0.60m	7.84
12	Tecomaria Capensis	0.45m	31.39
13	Bougainvillea	0.90m	31.64
14	Dracena Mahatma	0.60m	12.63
15	Coleus Blumei	0.45m	17.12
16	Floribunda	0.30m	9.07
17	Red Canna	0.30m	23.25
18	Yellow Canna	0.30m	8.36
19	Ipomea	0.30m	5.30
20	Asparagus	0.30m	8.14
21	Clematis Gouriana	0.30m	6.50

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

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

22	Chlorophytum	0.30m	4.42
23	Wedellia Trilobata	0.30m	1.89

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	49 KW
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	8005 KW / 10006 KVA
	<b>During Operation phase (Demand load):</b>	5203 KW / 6504 KVA
	<b>Transformer:</b>	14 Nos. x 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	1x320kVA, 1x 160kVA, 1x 125kVA, 2x 100kVA, 1x 35kVA & 2x 180kVA
	<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:

Auto time control for external & common lighting  
 CFL, LED for common area lighting  
 Solar powered water heating  
 Electronics V3F Drives

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

Serial Number	Energy Conservation Measures	Saving %
1	LED for common area lighting	37%
2	Solar powered water heating	5,994 KW

### 50. Details of pollution control Systems

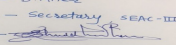
Source	Existing pollution control system	Proposed to be installed
STP	Capacity - 2 x 725m <sup>3</sup>	NA
OWC	4 x 150kg and 2 x 1000kg	1 x 150kg and 1 x 1000kg
DG Set	Stacks of 1x320kVA, 1x 160kVA, 1x 125kVA, 1x 100kVA & 1x 180kVA	Stack of 1x 180kVA, 1x 35kVA,

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 240 Lakhs
	<b>O &amp; M cost:</b>	Rs. 38 Lakhs/Annum

### 51. Environmental Management plan Budgetary Allocation

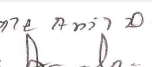

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Air	Water For Dust Suppression, air and noise monitoring	1.50
2	Water	Tanker water for construction, water monitoring	21.50
3	Land	Site Sanitation	7.23
4	Biological	Gardening	6.00
5	Socio-Economic	Safety, First Aid, Health Hygiene Facilities, Disinfection at site, Health Check Up, Crèches for children, Personal Protective Equipment, CFL lamps for labour hutments	12.50

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water	STP	300	80
2	Rain Water Harvesting	RWH pits+ quarry and piping	25	1.5
3	Solid waste	OWC	70	15
4	Environmental monitoring	Air, water, soil monitoring & analysis	--	1.0
5	Land	Gardening	250	60
6	Energy conservation	Solar water heating & Solar PV	215	3.5

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

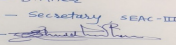
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

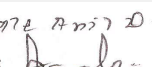

**53.Traffic Management**

<b>Nos. of the junction to the main road &amp; design of confluence:</b>	DP shows three roads i.e. 18m along river, 24m south of the plot and 18m road pass through the plot, along with 30m arterial Moshi - Chikhali road.
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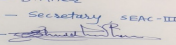
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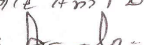
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	57,272.80 m <sup>2</sup>
	Area per car:	30m <sup>2</sup>
	Area per car:	30m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	4812
	Number of 4-Wheelers as approved by competent authority:	1208
	Public Transport:	Nearest bus stop Chikhali bus depot (2km)
	Width of all Internal roads (m):	12m, 9m, 6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a (B)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	10-02-2017
<b>Brief information of the project by SEAC</b>		

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

M/s. River Residency Developers.

Environment clearance for expansion /amendment in construction project "River Residency" at Gat No. 90,Village chikhali,Tal.Haveli ,Dist.Pune .(New Case)

PP submitted their application for prior Environmental clearance for total plot area of 2,31,000.00 Sq. Mtrs, BUA of 2,42,847.70 Sq. Mtrs and FSI area of 1,33,687.48 Sq. Mtrs. PP proposes to construct 28 nos. of residential buildings, having maximum height of 39.85 Mtrs, 39 nos. of shops.& 3 Nos. of club house.

PP has obtained earlier EC no. SEAC-2011/CR-620/TC-2 dated 07.10.2011 for total plot area of 2,31,000.00 Sq. Mtrs, BUA of 2,39,049.29 Sq. Mtrs and FSI area of 1,45,241.63 Sq. Mtrs comprising of 32 nos.of residential buildings & 39 nos. of convenient shops.

During deliberation, PP informed that construction of BUA 1,85,350.67 Sq.Mtrs. of Phase I (13 Buildings of Stilt+12), Phase II (3 Buildings of G+11 and one Commercial),Phase III ( 1 Buildings of G+11 and Commercial , Phase IV ( 5 Buildings of G+12 completed and 2 under construction) and Parking area services , Common services, Terrace & Arch projections is completed as per earlier EC. Now, PP has applied for expansion/ amendment in earlier EC.

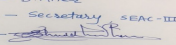
During deliberation, Committee noted that approximately about 4000 Sq.Mtrs. of BUA is increased in earlier EC, therefor PP suo-moto makes changes in earlier submitted EIA and uploaded on website. But as the baseline data used for preparation of earlier EIA valid only for three years and environmental parameters are also changed. Therefor, Committee suggested PP to withdraw EIA uploaded on site and prepare fresh EIA.

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

Now this committee took up the compliance report and other documents submitted by Proponent for examination. The proposal is appraised as category 8 (b) B1.during discussion representative of PP stated that they have obtained the earlier EC for total plot area 231000 but now the area is deducting. Committee ask to submit revised CS along with an earlier compliance.

Committee ask PP to submit revised approved layout plan and show correct plot boundary, and submit revised Consolidated Statement along with recalculations.

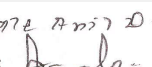

## DECISION OF SEAC

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Sign - 

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

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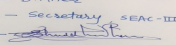
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**After deliberation, Committee asked PP to submit revised EIA report including all ToR points for further discussion and consideration of SEAC. PP requested for time to submit above information.**

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

**Specific Conditions by SEAC:**

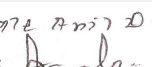

- 1) PP informed that full potential sanction is received.
- 2) PP to mention proposed & constructed environmental amenities separately in EIA
- 3) PP to submit condition wise compliance report of earlier EC conditions
- 4) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur.
- 5) PP to submit architect certificate of work initiated on site as per earlier EC.
- 6) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 7) PP to submit 6 monthly compliance report of earlier EC.
- 8) PP to include separate chapter on Renewable energy in EIA report.; PP to submit terrace plan for installing solar panels& calculations of energy saving;PP to submit energy modelling with write-up support to this.
- 9) PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 10) PP to carry out Traffic Impact Study in detail including, a) Traffic Management Plan for the development – Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b) Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c) Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d) Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e) PP to revise parking table mentioning parking as per DCR & parking provided actually. f) PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 11) PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 12) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 13) PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 14) PP to submit cross section of all buildings.
- 15) PP to submit parking area statement as per DCR.
- 16) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 17) PP to carry out fugitive dust monitoring by using local meteorological data.
- 18) PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
- 19) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 20) PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
- 21) PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 22) PP to submit phase wise development plan considering wind rose diagram.
- 23) PP to obtain and submit following NOC's: a)CFO NOC, b)Water supply NOC with quantity, c)Drainage NOC, d)Non-biodegradable waste disposal.
- 24) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 25) PP to submit design details of water treatment plant ;PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 26) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 27) PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
- 28) PP to submit details hydro geological survey report with graphs & data.
- 29) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 30) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 31) PP to avoid use of chemical fertilizers & pesticides in RG area to avoid contamination of Indrayani River .
- 32) PP to submit layout showing natural water courses on site;PP to submit total runoff calculation before and after development.
- 33) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site ,waste generated and its treatment and disposal from site.
- 34) PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 35) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 36) PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
- 37) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.

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

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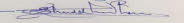
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## FINAL RECOMMENDATION

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

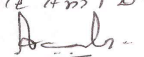
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## Agenda of 63 rd Meeting of SEAC-3

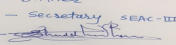
**SEAC Meeting number: 63 Meeting Date** February 9, 2018

**Subject:** Environment Clearance for '8(b)' Township & Area Development projects

1.Name of Project	Residential Project "PARK INFANIA"
2.Type of institution	Private
3.Name of Project Proponent	M/s. KUMAR PROPERTIES & REAL ESTATE PVT. LTD.
4.Name of Consultant	Green Circle Inc.
5.Type of project	Township
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Survey No. 214(P), 220(P) & 221(P)
9.Taluka	Haveli
10.Village	Phursungi
11.Area of the project	Municipal area
12.IOD/IOA/Concession/Plan Approval Number	Plant approval from Town planning & valuation department , Pune Branch
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Approval Number: PRH/NASR/581/2014 dated 26th September, 2014
	<b>Approved Built-up Area:</b> 274527.6
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	155950
16.Deductions	2410.57
17.Net Plot area	153539.43
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 167553.1
	b) Non FSI area (sq. m.): 106974.5
	c) Total BUA area (sq. m.): 274527.6
19.Total ground coverage (m2)	32028 sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20 %
21.Estimated cost of the project	4900000000

### 22.Number of buildings & its configuration

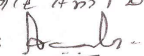
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A type building & 10	P + 12	39
2	B type building & 14	P + 12	39
3	E type building & 5	P + 12	39
4	F type building & 5	P + 12	39
5	G type building & 13	P + 12	39
6	H1 type building & 1	P + 12	39
7	H2 type building & 1	P + 12	39
8	Amenity Building	P + 3	15
9	Club House Building & 2	G + 1	5

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

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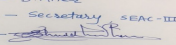
23.Number of tenants and shops	2278
24.Number of expected residents / users	11390
25.Tenant density per hectare	146
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12 m
29.Existing structure (s) if any	Yes
30.Details of the demolition with disposal (If applicable)	NA

### 31.Production Details

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

### 32.Total Water Requirement

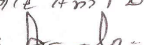
Dry season:	Source of water	Municipal water supply
	Fresh water (CMD):	1059.04
	Recycled water - Flushing (CMD):	502.20
	Recycled water - Gardening (CMD):	120
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	1676.24
	Fire fighting - Underground water tank(CMD):	900
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	778.41

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

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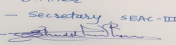
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<b>Wet season:</b>	<b>Source of water</b>	Municipal water supply
	<b>Fresh water (CMD):</b>	1059.04
	<b>Recycled water - Flushing (CMD):</b>	502.20
	<b>Recycled water - Gardening (CMD):</b>	NA
	<b>Swimming pool make up (Cum):</b>	5
	<b>Total Water Requirement (CMD) :</b>	1556.24
	<b>Fire fighting - Underground water tank(CMD):</b>	NA
	<b>Fire fighting - Overhead water tank(CMD):</b>	NA
	<b>Excess treated water</b>	898.41
<b>Details of Swimming pool (If any)</b>	Dimension of Swimming Pool: Swimming Pool Phase - I: 14.17 x 7.3 x 1.20 Swimming Pool Phase - III: 4.3 x 10.3 x 0.45 Total water Requirement: 14 m <sup>3</sup> Water requirement for make up: 5 m <sup>3</sup> /day	

### 33.Details of Total water consumed

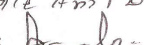
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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>	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>	50 Nos.
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	12.50 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	1 Lakhs
	<b>Details of UGT tanks if any :</b>	<p>PHASE-1</p> <ul style="list-style-type: none"> <li>• Domestic Water tank Capacity: 331.35 m<sup>3</sup></li> <li>• Recycled Water tank Capacity: 105.75 m<sup>3</sup></li> <li>• Fire Fighting tank Capacity: 300 m<sup>3</sup></li> </ul> <p>PHASE-2</p> <ul style="list-style-type: none"> <li>• Domestic Water tank Capacity: 463.89 m<sup>3</sup></li> <li>• Recycled Water tank Capacity: 148.05 m<sup>3</sup></li> <li>• Fire Fighting tank Capacity: 300 m<sup>3</sup></li> </ul> <p>PHASE-3</p> <ul style="list-style-type: none"> <li>• Domestic Water tank Capacity: 785.82 m<sup>3</sup></li> <li>• Recycled Water tank Capacity: 368.30 m<sup>3</sup></li> <li>• Fire Fighting tank Capacity: 300 m<sup>3</sup></li> </ul>
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Yes
	<b>Quantity of storm water:</b>	898.41
	<b>Size of SWD:</b>	350 mm dia
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1400.61
	<b>STP technology:</b>	Activated Sludge Process
	<b>Capacity of STP (CMD):</b>	4 No. & Total STP capacity 1500 KLD (Phase I = 300 KLD, Phase II = 200+200 KLD, Phase III = 800 KLD).
	<b>Location &amp; area of the STP:</b>	Phase I : Near A7-Building & area=83.125 Sq.m, Phase II : Near E3-Building & area=108.72 Sq.m, Phase III: Near F1-Building & area = 544.425 Sq.m
	<b>Budgetary allocation (Capital cost):</b>	356.25 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	93.62 Lakhs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	67.5 kg/day
	<b>Disposal of the construction waste debris:</b>	reuse in filling low lying area
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	2050 kg/day
	<b>Wet waste:</b>	3076 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	120 kg/day
	<b>Others if any:</b>	NA

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Hand over to authorized agency
	<b>Wet waste:</b>	Convert to Bio-manure through Organic waste Processor
	<b>Hazardous waste:</b>	Used oil
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Use as a manure for gardening purpose
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Near STP locations
	<b>Area for the storage of waste &amp; other material:</b>	100 Sq.m
	<b>Area for machinery:</b>	300 Sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	65 Lakhs
	<b>O &amp; M cost:</b>	12 Lakhs

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	6.0 - 8.5	5.5 - 9.0	6.5 - 9.0
2	Oil & Grease	mg/L	10 - 20	< 10	10
3	BOD	mg/L	200 - 250	< 10	10
4	COD	mg/L	350 - 450	< 60	50
5	TSS	mg/L	150 - 200	< 10	20
6	Total Nitrogen	mg/L	120	< 50	50
7	Nitrate	mg/L	15-16	< 10	10
8	Dissolve PO4	mg/L	13 -15	< 5	5
9	Fecal Coliform	MPN/100 mL	1000000	NIL	Absent
10	Detergent	ppm	15	< 5	5
11	Floating Matter	ppm	50	< 10	10

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

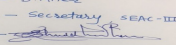
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

### 38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used oil from DG set	5.1	Litres/yr	100	100	200	Sold to authorized recyclers

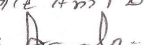
### 39. Stacks emission Details

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

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

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing: 1 x 125 KVA & 1 x 160 KVA & 1 x 180 KVA	Diesel: 90 L/hr	1	43	0.3	290 oC
2	Proposed: 1 No. x 320 KVA & 1 No. x 180 KVA	Diesel: 95 L/hr	1	43	0.3	290 oC

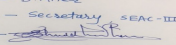
#### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	90 L/hr	95 L/hr	185 L/hr
41.Source of Fuel		Local Market		
42.Mode of Transportation of fuel to site		By three wheeler		

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	17940.06 Sq. m
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	1540 Nos
	<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

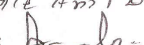
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusops elengi	Bakul	88	Fragrant flowers, Medicinal value, To control soil erosion.
2	Cassia fistula	Bahava	87	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant,
3	Azardirachta indica	Neem	86	Medicinal value, To control soil erosion. To improve soil erosion
4	Plumeria alba	Franjipani	74	Flowering tree & Ornamental tree
5	Lagerstroemia speciosa	Pride of india	78	Medicinal value, Native species
6	Saraca asoca	Sita ashoka	76	Evergreen medicinal plant
7	Millingtonia hortensis	Indian cork tree	75	Flowering tree & Ornamental tree
8	Caryota urens	Fishtail palm	81	Grown in any type of soil. Very Hardy.
9	Mangifera indica	Mango	83	Fruit Tree Evergreen & bird attracting tree
10	Artocarpus heterophyllus	Jackfruit	73	Fruit Tree Evergreen & bird attracting tree
11	Cocos nucifera	Coconut	06	Fruit Tree Evergreen & bird attracting tree

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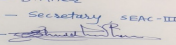
Name: K. Anil Kale  
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**Shri. Anil Kale (Chairman SEAC-III)**

12	Pongamia pinnata	Karanj	77	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
13	Nyctanthes arbortristis	Parijatak	54	Fragrant flowers, Medicinal value,
14	Anthocephallus cadamba	Kadamba	81	Medicinal values, To control soil erosion, Birds, squirrels, monkey eat fruits.
15	Bauhinia purpurea	Butterfly tree	78	Medicinal value & Bird attracting species
16	Khaya grandis	Khaya	76	Evergreen & bird attracting tree
17	Albizia lebbeck	Shirish	66	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species ( Para kids eat seeds )
18	Ficus bengalensis	Banyan tree	09	Evergreen & bird attracting tree
19	Erythrina indica	Pangara	65	Fragrant flowers, Drought tolerant species, Birds attracting
20	Bahunia tomentosa	Yellow orchid tree	68	Flowering & Bird attracting species
21	Michalia champaka	Soanchaffa	82	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
22	Syzygium cumini	Jambhul	79	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:**

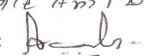
Serial Number	Name	C/C Distance	Area m2
1	Oliender single red	0.3 m	260.76
2	Acalyphagodrej	0.3 m	149.18
3	Plumbagocapensis	0.3 m	380.39
4	Lantana blue	0.3 m	579.78
5	Tecomagaudichaudi	0.3 m	234.94
6	Shambhukasnigra	0.3 m	172.42
7	Thevetia	0.3 m	198.56
8	Cassia glauca	0.3 m	204.41
9	Bamboo grass	0.3 m	237.67
10	Hamelia dwarf	0.3 m	248.18
11	Ceasalpinia red	0.3 m	319.27
12	Erenthumum	0.3 m	251.60
13	Lantana yellow	0.3 m	519.89
14	Ceasalpinia pink	0.3 m	373.84
15	Myna erecta	0.3 m	369.11
16	Spider lily	0.3 m	491.17
17	Galphimia	0.3 m	365.81
18	Abellia	0.3 m	270.34
19	Wedelia	0.3 m	718.24
20	Mogra	0.3 m	434.86

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

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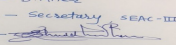
Name: K. Anil Kale  
Signature:   
**Shri. Anil Kale (Chairman SEAC-III)**

21	Oliender pink	0.3 m	589.29
22	Lantana depressa	0.3 m	436.08
23	Durantavarigated	0.3 m	562.22
24	Ixora pink	0.3 m	284.46
25	Kamini	0.3 m	292.20
26	Tecomacapensis	0.3 m	636.88
27	Lantana red	0.3 m	318.50
28	Tagarvarigated	0.3 m	544.50
29	Oliender white	0.3 m	406.90
30	Tulas	0.3 m	280.85
31	Oliender dwarf pink	0.3 m	478.30
32	Allamanda dwarf	0.3 m	357.80
33	Ixora red	0.3 m	256.85
34	Lumoniaspectabilis	0.3 m	168.27
35	Ratrani	0.3 m	383.29
36	Tagar dwarf	0.3 m	299.16
37	Hibiscus violance	0.3 m	240.66
38	Kunda	0.3 m	383.29
39	Heliconea Yellow	0.3 m	155.00
40	Canna Yellow Dwarf	0.3 m	494.65
41	Canna Red Dwarf	0.3 m	420.89
42	Canna Varigated Yellow	0.3 m	320.24

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	50 KVA
	<b>DG set as Power back-up during construction phase</b>	NA
	<b>During Operation phase (Connected load):</b>	14931.26 KVA
	<b>During Operation phase (Demand load):</b>	8750.55 KVA
	<b>Transformer:</b>	16 Nos. of 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	Existing: 1 x 125 KVA & 1 x 160 KVA & 1 x 180 KVA. Proposed: 1 No. x 320 KVA & 1 No. x 180 KVA
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

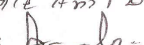
### 48. Energy saving by non-conventional method:

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- i. Most of the common area lighting is proposed to work on energy efficient lamps (CFL & T5).  
 ii. Solar lightening has been proposed.  
 iii. Auto control lighting.

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

Serial Number	Energy Conservation Measures	Saving %
1	Using CFL, LED lights & T8 fittings	33.00 %

#### 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>	128 Lakhs
	<b>O &amp; M cost:</b>	4 Lakhs

#### 51.Environmental Management plan Budgetary Allocation

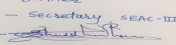
##### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	Particulate matter	5
2	Site Sanitation & Safety	-	8
3	Environmental Monitoring	Air, water, noise	5
4	Disinfection	-	4
5	Health Check up	All relevant parameters	3

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Wastewater	STP Cost	356.25	93.62
2	Solid waste	Solid Waste Management	65.00	12.00
3	Green area	Green Belt development	80.00	5.00
4	Groundwater recharge	Rain water harvesting	12.50	1.00
5	Energy	Energy Efficient equipments	128.00	4.00
6	Air, water, noise, soil	Environmental monitoring	-	5
7	CSR	CSR	-	15

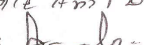
#### 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

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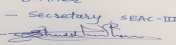
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52. Any Other Information

No Information Available

### 53. Traffic Management

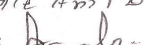
	Nos. of the junction to the main road & design of confluence:	2 Nos.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 No. & 4533.53 Sq.m
	Total Parking area:	24760
	Area per car:	20 Sq.m
	Area per car:	20 Sq.m
	Number of 2-Wheelers as approved by competent authority:	3317
	Number of 4-Wheelers as approved by competent authority:	1319
	Public Transport:	Bus stop at entrance gate, Auto rickshaw stand within 50 m from entrance gate.
	Width of all Internal roads (m):	12 m & 15 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	B
	Court cases pending if any	NA
	Other Relevant Informations	NA

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

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

	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	27-02-2017

### Brief information of the project by SEAC

Environment clearance for expansion of Residential Project "PARK INFINIA" at Survey No. 214(P), 220(P) & 221(P) Village Phursungi, Taluka Haveli, Pune. (Compliance Case)

PP submitted their application for total plot area of 1,55,950 Sq. Mtrs, BUA of 2,74,527.6 Sq. Mtrs and FSI area of

1,67,553.1 Sq. Mtrs. PP proposes to construct 49 nos. of residential buildings having maximum height of 39.00 Mtrs., 1 No. of amenity building & 2 Nos. of club house.

The case was earlier considered in the 29th meeting of the SEAC - III held from 20th to 23rd April, 2015 when TOR's were given to the PP. During the meeting PP submitted EIA report for appraisal. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed. After that the Project was considered in the 58th meeting dated 13th July 2017 and committee ask PP to submit revised EIA report including few points.

Now this committee took up the compliance report and other documents submitted by Proponent for examination. The proposal is appraised as category 8 (b) B1.

### DECISION OF SEAC

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign </p> <p><b>S.D.Aher (Secretary SEAC-III)</b></p>	<p><b>SEAC Meeting No: 63 Meeting Date: February 9, 2018</b></p>	<p><b>Page 26 of 38</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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After deliberation, Committee asked PP to submit revise EIA report including all points for further discussion and consideration of SEAC. PP requested for time to submit following information.

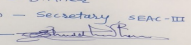
**PP requested for time to submit following information; after deliberations committee asked PP to comply with the following observations and submit information to the committee for further discussion and consideration of SEAC.**

**Specific Conditions by SEAC:**

- 1) PP to submit revised Environmental Status Report of the earlier activities
- 2) PP to submit detailed planning of the Solid Waste Management including present practice of OWC.
- 3) PP to submit revise map showing natural water courses & its conservation plan.
- 4) PP to prepare site specific EMP and DMP
- 5) PP to include a chapter on use of renewable energy with its calculation in the proposed development and area specification of terrace.
- 6) PP to submit revised storm water drain and sewer line arrangements up to final disposal point.
- 7) PP to submit details of phase wise RG area.
- 8) PP to carry out Traffic Impact Study in detail including, Traffic Management Plan for the development - Internal circulation with road width. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project. Topographic details of roads and intersections. Traffic generation per day/peak hour V/c ratio with reference to present capacity of roads, V/c Ratio with reference to future capacity of widened roads. Inventory of open spaces for parking as per DCR/area provided/car as per MoEF construction manual. Proper drawings and sketches showing road geometry and traffic volume diagrams etc.
- 9) PP to resubmit Fire Tender Movement Plan showing clear road width of six meters and turning radius of nine meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, parking, walk way, service lines etc.
- 10) PP to submit parking parking layout plan. Along with cross section of internal road & buildings.
- 11) PP to submit compliance report authenticated by Regional Office,MOEF& CC, Nagpur
- 12) PP to submit High-rise NOC of building no I & J.

**FINAL RECOMMENDATION**

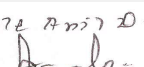

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

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

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

## Agenda of 63 rd Meeting of SEAC-3

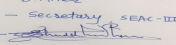
**SEAC Meeting number: 63 Meeting Date** February 9, 2018

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

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

### 22.Number of buildings & its configuration

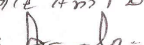
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Mall Building	B + 7	38.40
2	Office building 1	B + 16	69.90

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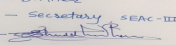
3	Office building 2	2B + G + 6 floors MLCP + 11 floors office	67.40
<b>23.Number of tenants and shops</b>	Shops: 459 Offices:250		
<b>24.Number of expected residents / users</b>	Fixed: 5275 Visitors: 43418		
<b>25.Tenant density per hectare</b>	NA		
<b>26.Height of the building(s)</b>			
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	Nearest Fire Station at Hinjewadi & Width of the road from the nearest fire station to the proposed building -24m. wide road abutting to site		
<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>	Site office as a temporary structure is present. It will be demolished at later stage.		
<b>30.Details of the demolition with disposal (If applicable)</b>	1614 m3		

### 31.Production Details

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

### 32.Total Water Requirement

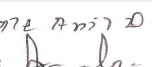

<b>Dry season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	358
	<b>Recycled water - Flushing (CMD):</b>	535
	<b>Recycled water - Gardening (CMD):</b>	31
	<b>Swimming pool make up (Cum):</b>	00
	<b>Total Water Requirement (CMD) :</b>	1204
	<b>Fire fighting - Underground water tank(CMD):</b>	500
	<b>Fire fighting - Overhead water tank(CMD):</b>	40
	<b>Excess treated water</b>	00

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<b>Wet season:</b>	<b>Source of water</b>	PCMC
	<b>Fresh water (CMD):</b>	358
	<b>Recycled water - Flushing (CMD):</b>	535
	<b>Recycled water - Gardening (CMD):</b>	00
	<b>Swimming pool make up (Cum):</b>	00
	<b>Total Water Requirement (CMD) :</b>	1173
	<b>Fire fighting - Underground water tank(CMD):</b>	500
	<b>Fire fighting - Overhead water tank(CMD):</b>	40
	<b>Excess treated water</b>	31

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

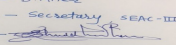
NA

### 33.Details of Total water consumed

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

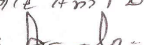
### 34.Rain Water Harvesting (RWH)

<b>Level of the Ground water table:</b>	3-7 m
<b>Size and no of RWH tank(s) and Quantity:</b>	NA
<b>Location of the RWH tank(s):</b>	NA
<b>Quantity of recharge pits:</b>	8
<b>Size of recharge pits :</b>	2m x 2m x 2m
<b>Budgetary allocation (Capital cost) :</b>	4 Lakhs
<b>Budgetary allocation (O &amp; M cost) :</b>	2 Lakhs/annum
<b>Details of UGT tanks if any :</b>	--

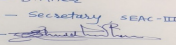
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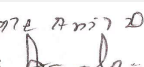

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	NW to SE
	<b>Quantity of storm water:</b>	0.30 m3/Sec
	<b>Size of SWD:</b>	600 mm dia
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	846
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 x 850
	<b>Location &amp; area of the STP:</b>	350 m2
	<b>Budgetary allocation (Capital cost):</b>	72.7 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	21.60 lakhs/annum
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Domestic waste: 25 Kg/day, Construction waste: Cutting: 54,676 cum of soil 2,22,007 cum of Hard Rock.
	<b>Disposal of the construction waste debris:</b>	Domestic waste will be handed over to local body and excess construction waste will be sent to authorized site for disposal
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	4401 kg/day
	<b>Wet waste:</b>	2934 kg/day
	<b>Hazardous waste:</b>	neglegible
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	42.5 kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to authorized recyclers (SWaCH)
	<b>Wet waste:</b>	Organic waste converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Used as Manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	As per layout
	<b>Area for the storage of waste &amp; other material:</b>	200 m2
	<b>Area for machinery:</b>	Included in above mentioned area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	56 Lakhs
	<b>O &amp; M cost:</b>	11.46 Lakhs/annum
<b>37.Effluent Charecterestics</b>		

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

### 38.Hazardous Waste Details

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

### 39.Stacks emission Details

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

### 40.Details of Fuel to be used

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

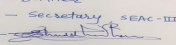
41.Source of Fuel  
Nearby pump

42.Mode of Transportation of fuel to site  
By road

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

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

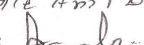
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	10	Tropical fruit tree & bird attracting tree

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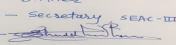
2	Michelia champaca	Champa	139	Evergreen timber plant, ornamental
3	Mimusopes elengi	Bakul	78	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	48	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	52	Drought tolerant, ornamental & medicinal plant
6	Butea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

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

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

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

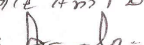
**47.Energy**

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	62 KVA
	<b>DG set as Power back-up during construction phase</b>	62.5 KVA
	<b>During Operation phase (Connected load):</b>	14139.59 kW
	<b>During Operation phase (Demand load):</b>	14788.77 kVA
	<b>Transformer:</b>	9 x 2000 kVA
	<b>DG set as Power back-up during operation phase:</b>	10 x 2000 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	No

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

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

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

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

#### 50. Details of pollution control Systems

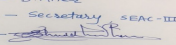
Source	Existing pollution control system	Proposed to be installed
DG Sets	Not applicable	DG sets

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

### 51. Environmental Management plan Budgetary Allocation

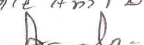
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water For Dust Suppression	0.32
2	Air Environment	Air & Noise monitoring	0.48
3	Water Environment	Tanker water for construction	1.08
4	Water Environment	Water monitoring	0.60
5	Land Environment	Site Sanitation	8.10

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6	Biological Environment	Gardening	2.50
7	Biological Environment	Top soil preservation	0.19
8	Socio- Economic Environment	Socio- Economic Environment	7.65

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Waste water treatment	72.70	21.60
2	Rain Water Harvesting	Rain Water Harvesting	4.00	2.00
3	Gardening	Landscape Development	55.31	4.95
4	Solid Waste	OWC Unit	56.00	11.46
5	Energy saving	Energy saving measures	46.00	3.02
6	Basement Ventilation	Basement Ventilation	250.00	11.75

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

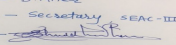
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**52.Any Other Information**

No Information Available

**53.Traffic Management**

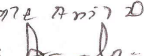
Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 24m wide road and proposed 18m wide DP Road
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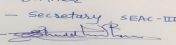
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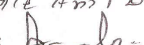
<b>Parking details:</b>	<b>Number and area of basement:</b>	No. of Basement: 02 Area of Basement: 30805.53
	<b>Number and area of podia:</b>	No. of podium: 1 Area: 21990.84
	<b>Total Parking area:</b>	52796. 37
	<b>Area per car:</b>	Basement: 35 m2 Covered: 30 m2
	<b>Area per car:</b>	Basement: 35 m2 Covered: 30 m2
	<b>Number of 2-Wheelers as approved by competent authority:</b>	6749
	<b>Number of 4-Wheelers as approved by competent authority:</b>	2233
	<b>Public Transport:</b>	Nearest Bus Stop: Wakad
	<b>Width of all Internal roads (m):</b>	9m
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	8 (a)
	<b>Court cases pending if any</b>	None
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	16-01-2018
<b>Brief information of the project by SEAC</b>		

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Environment Clearance for Proposed Commercial Development at S. No.132/23,133/1,133/2/1,133/2/2,133/3,133/4,169/1,169/2,170/1,170/2,171/1,171/2,172/1A,172/1B,132/6 village Wakad Tal-Haveli by Jitesh Chandna

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

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

The committee appraised the project under 8(b) B1 category of EIA Notification, 2006. PP to use model TOR available on the web site of MoEF in addition to the points mentioned below

## DECISION OF SEAC

SEAC-AGENDA-0000000048

<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: 63 Meeting Date: February 9, 2018</b></p>	<p><b>Page 37 of 38</b></p>	<p>Name: K. Anil Kale Signature: </p> <p><b>Shri. Anil Kale (Chairman SEAC-III)</b></p>
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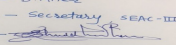
**After deliberation, Committee asked PP to submit EIA report including all above points for further discussion and consideration of SEAC. PP requested for time to submit following information.**

**Specific Conditions by SEAC:**

- 1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) PP to submit Authority letter for change in name of Project Proponent.
- 3) PP to submit details of commercial area in consolidated statement.
- 4) PP to submit condition wise compliance report of earlier EC conditions
- 5) PP to submit architect certificate of work initiated on site as per earlier EC
- 6) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 7) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.
- 8) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.
- 9) PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 10) PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 11) PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 12) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 13) PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 14) PP to submit cross section of all buildings.
- 15) PP to submit parking area statement as per DCR.
- 16) PP to submit cross section of basement showing width and slope of ramp.
- 17) PP to submit details of basement parking.
- 18) PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
- 19) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 20) PP to carry out fugitive dust monitoring by using local meteorological data.
- 21) PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
- 22) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 23) PP to submit disaster management plan.
- 24) PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA. PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
- 25) PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 26) PP to submit phase wise development plan considering wind rose diagram.
- 27) PP to obtain and submit following NOC's: a) CFO NOC, b)Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
- 28) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 29) PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 30) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 31) PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
- 32) PP to submit details hydro geological survey report with graphs & data.
- 33) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 34) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 35) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 36) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
- 37) PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 38) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 39) PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
- 40) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.

## FINAL RECOMMENDATION

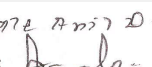

The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

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

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

**SEAC Meeting No: 63 Meeting Date: February 9, 2018**

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Name:   
Signature: 

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