

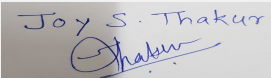
107th SEAC-3 meeting Day 01

SEAC Meeting number: 107 Meeting Date May 20, 2020

Subject: Environment Clearance for Hospital Component in Educational Campus

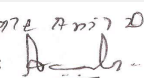
Is a Violation Case: Yes

1.Name of Project	M.M. Patel Public Charitable Trusts, Ashwini Rural Medical College, Hospital & Research Centre, Kumbhari, Solapur.
2.Type of institution	TOR
3.Name of Project Proponent	M.M. Patel Public Charitable Trusts
4.Name of Consultant	Ultra-Tech, Thane
5.Type of project	Hospital Project in Educational Campus
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	No.
8.Location of the project	Gat No. 261-262(1-7) At Akkalkot Road, Kumbhari.
9.Taluka	Solapur
10.Village	Kumbhari
Correspondence Name:	M.M. Patel Public Charitable Trusts
Room Number:	Gat No. 261-262(1-7) At Akkalkot Road, Kumbhari.
Floor:	-
Building Name:	-
Road/Street Name:	Akkalkot Road
Locality:	-
City:	Solapur
11.Whether in Corporation / Municipal / other area	Gram Panchayat Kumbhari
12.IOD/IOA/Concession/Plan Approval Number	<p>Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 . Now Applied for Building permission from Town Planning, Solapur with builtup area 67,667.91m² fir entire project. Out of which Hospital Component is 26,951.22Sq.m</p> <p>IOD/IOA/Concession/Plan Approval Number: Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with builtup area 67,667.91m² fir entire project. Out of which Hospital Component is 26,951.22Sq.m Hospital Building = 26,951.22Sq.m Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid upto 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)</p> <p>Approved Built-up Area: 26951.22</p>
13.Note on the initiated work (If applicable)	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid upto 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with builtup area 67,667.91m ² fir entire project. Out of which Hospital Component is 26,951.22Sq.m
15.Total Plot Area (sq. m.)	110100 Sq.m
16.Deductions	16858.69 Sq.m
17.Net Plot area	93241.31 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<p>a) FSI area (sq. m.): 26,951.22Sq.m</p> <p>b) Non FSI area (sq. m.): -</p> <p>c) Total BUA area (sq. m.): 26951.22</p>


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18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 26951.22
	Approved Non FSI area (sq. m.): -
	Date of Approval: 21-05-2011
19.Total ground coverage (m2)	7510.88
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	8.05 % of plot area
21.Estimated cost of the project	486800000

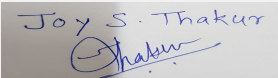
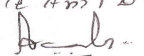
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Hospital (560 beds)	04	15
23.Number of tenants and shops	560 beds		
24.Number of expected residents / users	Patients -550, staff - 275 visitors - 550		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m		
29.Existing structure (s) if any	Existing Hospital Building already constructed		
30.Details of the demolition with disposal (If applicable)	No demolition involved.		

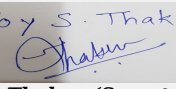
31.Production Details

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

32.Total Water Requirement

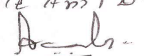
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Dry season:	Source of water	Through tanker & Bore well								
	Fresh water (CMD):	268 (Domestic + Flushing)								
	Recycled water - Flushing (CMD):	Nil								
	Recycled water - Gardening (CMD):	103 (On RG area of 7,900 sq.m. and Open play ground area of 37,195 sq.m.)								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	371								
	Fire fighting - Underground water tank(CMD):	600 M3 capacity.								
	Fire fighting - Overhead water tank(CMD):	100 M3 capacity								
	Excess treated water	125								
Wet season:	Source of water	Through tanker & Bore well								
	Fresh water (CMD):	268 (Domestic + Flushing)								
	Recycled water - Flushing (CMD):	Nil								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	268								
	Fire fighting - Underground water tank(CMD):	600 M3 capacity.								
	Fire fighting - Overhead water tank(CMD):	100 M3 capacity								
	Excess treated water	228								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requirement	182	00	182	18	0	18	164	0	164	
Domestic	87	0	87	9	0	9	78	0	78	
Gardening	103	0	103	103	0	103	0	0	0	

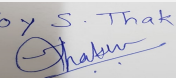
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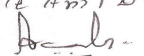
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	150 to 200 mtrs below ground
	Size and no of RWH tank(s) and Quantity:	Nil
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	1 borewell with recharge pit is provided with recharge pit.
	Size of recharge pits :	3 m x 3 m
	Budgetary allocation (Capital cost) :	Rs. 5 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.5 Lacs/year
	Details of UGT tanks if any :	Domestic 700 me
35.Storm water drainage	Natural water drainage pattern:	1 no. of natural nalla is passing through the project premises. Site sloping from North to South.
	Quantity of storm water:	0.58 Cum/sec
	Size of SWD:	Depth 0.9 mtrs and Width 1.52 mtrs
Sewage and Waste water	Sewage generation in KLD:	241
	STP technology:	MMBR
	Capacity of STP (CMD):	1 no. 400 KLD *(Common for educational institute and hospital)
	Location & area of the STP:	as per plan
	Budgetary allocation (Capital cost):	60 lakh
	Budgetary allocation (O & M cost):	7 lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	nil
	Disposal of the construction waste debris:	not any
Waste generation in the operation Phase:	Dry waste:	150 kg/day
	Wet waste:	250 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	138 kg/day
	STP Sludge (Dry sludge):	36 kg/day
	Others if any:	-

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Mode of Disposal of waste:	Dry waste:	handed over to local body or is segregated and disposed off to recycler
	Wet waste:	vermicomposting
	Hazardous waste:	-
	Biomedical waste (If applicable):	handed over to CBMWTSDF
	STP Sludge (Dry sludge):	used as manure
	Others if any:	-
Area requirement:	Location(s):	ground
	Area for the storage of waste & other material:	60 sqm
	Area for machinery:	included in above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	8 lakh
	O & M cost:	3 lakh/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		2			
Capacity of the ETP:		2			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Primary treatment			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

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

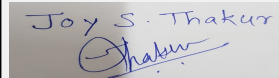
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	500 kVA DG	HSD @0.21 l/hr	1	4.4 m above ground	0.15	400 C

40. Details of Fuel to be used

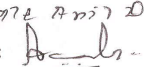
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0.21 l/hr	Not applicable	0.21 l/hr

41. Source of Fuel	through vendor
42. Mode of Transportation of fuel to site	by road


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43.Green Belt Development	Total RG area :	7900 sqm + open play ground area 37195 sqm
	No of trees to be cut :	NA
	Number of trees to be planted :	1165
	List of proposed native trees :	as given below
	Timeline for completion of plantation :	one year

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

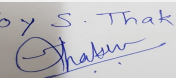
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Polyalthia longifolia	ashoka	540	evergreen long leaf tree
2	Phyllanthus officinalis	Awala	400	medicinal fruit bearing
3	Bougainvillea spectabilis	Kagadi phool	100	ornamental tree attracting bees
4	Syzigium cummini	Jambhul	200	Fruit bearing medicinal 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	tagar	2 feet	200
2	Hibiscus	2 feet	300
3	champak	2 feet	250

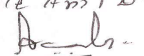
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	--
	DG set as Power back-up during construction phase	--
	During Operation phase (Connected load):	430 kVA
	During Operation phase (Demand load):	430 kVA
	Transformer:	500 kVA
	DG set as Power back-up during operation phase:	500kVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	NA	

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48. Energy saving by non-conventional method:

Solar water heater

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	solar water heater	10%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	installed STP of capacity 400 CMD	Not applicable
Vermicomposting	Already operational	Not applicable
DG Set	Provided acaustic enclosure	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

51. Environmental Management plan Budgetary Allocation**a) Construction phase (with Break-up):**

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Waste water	STP	60	7
2	storm water	RWH	5	0.5
3	Solid waste	vermicomposting	8	3
4	BMW	handed over	--	3
5	landscape	RG area	15	2
6	environment monitoring	as per CPCB guidelines	--	1

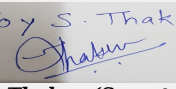
51. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

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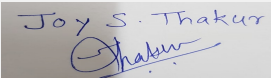
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	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	9089 sqm
	Area per car:	12.5 m excluding driveway
	Area per car:	12.5 m excluding driveway
	Number of 2-Wheelers as approved by competent authority:	1434
	Number of 4-Wheelers as approved by competent authority:	298
	Public Transport:	Local buses
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid upto 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

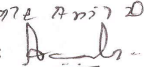
TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
2. Type of institution	TOR	Private
4. Name of Consultant	Ultra-Tech, Thane	ULTRA TECH, NABET/EIA/1720/RA0094

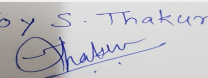

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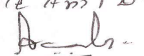
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12. IOD/IOA/Concession/Plan Approval Number	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011. Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011. Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 for entire project. Out of which Hospital Component is 30,381.85 Sq.m
12. IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m Hospital Building = 26,951.22Sq.m Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid up to 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)	IOD/IOA/Concession/Plan Approval Number: Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011. Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 for entire project. Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017. For Hospital of bed 300 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)
14. LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m	Not applicable
18 (a) Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): - , Total BUA area (sq. m.): 26951.22	Non FSI area (sq. m.): 3,430.63, Total BUA area (sq. m.): 30,381.85
18(b) Approved Built up area as per DCR	Approved FSI area (sq. m.): 26951.22, Approved Non FSI area (sq. m.): -	Approved FSI area (sq. m.): 26,951.22, Approved Non FSI area (sq. m.): 3,430.63
22. Number of buildings & its configuration	Serial number - 1, Building Name - Hospital (560 beds), No. of Floors - 04, Height of the building (Mtrs) - 15	Serial number - 1, Building Name - Hospital (560 beds), No. of Floors - G+4, Height of the building (Mtrs)- 15
29. Existing structure (s) if any	Existing Hospital Building already constructed	Ashwini Rural Medical College, Hospital & Research Centre - Hospital Component in Educational Campus of built up area 30,381.85 m2 had already been constructed.
34. Rain Water Harvesting (RWH) - Quantity of recharge pits:	1 bore well with recharge pit is provided with recharge pit.	2 no. of recharge pits
44. Green Belt Development - Number of trees to be planted :	1165	1026 Nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - Polyalthia lomgifolia, Common Name - Ashoka, Characteristics & Ecological Importance - Evergreen long leaf tree, Quantity - 540 nos.	Botanical Name - Vachellia nilotica, Common Name - Babul, Characteristics & Ecological Importance - Medicinal use, Quantity - 15 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - Phyllanthus officinalis, Common Name - Awala, Characteristics & Ecological Importance - medicinal fruit bearing, Quantity - 400 nos.	Botanical Name - Peltophorum pterocarpum, Common Name - Copper pod, Characteristics & Ecological Importance - Evergreen Tree, Ornamental value, medicinal & agroforestry use, Quantity - 185 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - Bouganvillea spectabilis, Common Name - Kagadi phool, Characteristics & Ecological Importance - ornamental tree attracting bees, Quantity - 100 nos.	Botanical Name - Alstonia scholaris, Common Name - Saptarni, Characteristics & Ecological Importance - Medicinal use, anti-bacterial properties, Quantity - 225 nos.

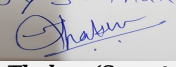
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45. Number and list of trees species to be planted in the ground	Botanical Name - Syzgium cummini, Common Name - Jambhul, Characteristics & Ecological Importance - Fruit bearing medicinal tree, Quantity - 200 nos.	Botanical Name - Delonix regia, Common Name - Gulmohar, Characteristics & Ecological Importance - Native trees and ornamental value, Quantity - 100 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Ficus benjamina, Common Name - Weeping fig, Characteristics & Ecological Importance - Medicinal & agroforestry use, Quantity - 50 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Azadirachta indica, Common Name - Kadu Neem, Characteristics & Ecological Importance - Drought resistance, anti-desertification properties and medicinal use, Quantity - 230 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Ficus racemosa, Common Name - Audumber, Characteristics & Ecological Importance - medicinal use, Quantity - 05 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Ficus religiosa, Common Name - Pipal, Characteristics & Ecological Importance - Tree with wide-spreading crown (Shade tree), Medicinal Use, Quantity - 01 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Ficus benghalensis, Common Name - Banyan tree, Characteristics & Ecological Importance - Shade tree, medicinal use & cultural importance, Quantity - 09 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Cocos nucifera, Common Name - Coconut, Characteristics & Ecological Importance - Medicinal value & edible fruit, Quantity - 04 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Saraca asoca, Common Name - Ashoka, Characteristics & Ecological Importance - Health benefits and native tree, Quantity - 50 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Spathodea campanulata, Common Name - Pechkari flame, Characteristics & Ecological Importance - Ornamental value & medicinal value, Quantity - 38 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Mangifera indica, Common Name - Mango, Characteristics & Ecological Importance - Evergreen & fruit bearing tree; and medicinal use, Quantity - 07 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Michelia champaca, Common Name - Son chafa, Characteristics & Ecological Importance - Evergreen tree, has commercial value & possesses various pharmacological activities like anti-microbial, anti-oxidant, anti-diabetic, anti-ulcer, Quantity - 20 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Samanea saman, Common Name - Rain tree, Characteristics & Ecological Importance - Shade tree, cultivated for its timber and as food, medicine, and gums among others, Quantity - 60 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Dalbergia sissoo, Common Name - Shisham, Characteristics & Ecological Importance - Used as firewood, timber, poles, posts, tool handles, fodder, erosion control and as a windbreak. Oil is extracted from the seed and tannin from the bark, Quantity - 10 nos.

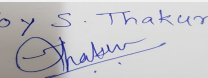
Joy S. Thakur

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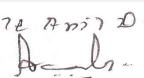
Name: K. Anil Kale

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

45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Pongamia glabra, Common Name - Karanj, Characteristics & Ecological Importance - Shade tree. Multipurpose tree - particularly valued for its oil & also supplies dyestuff, wood, fuel, insect repellent, medicines and various other commodities, Quantity - 06 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Anthocephallus cadamba, Common Name - Kadam, Characteristics & Ecological Importance - medicinal use, Quantity - 01 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - -, Common Name - -, Characteristics & Ecological Importance - -, Quantity - -.	Botanical Name - Hyophorbe lagenicaulis, Common Name - Bottle palm, Characteristics & Ecological Importance - Ornamental Use, Quantity - 10 nos.
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - tagar, C/C Distance - 2 feet, Area m2 - 200	Name - Alpinia purpurata, C/C Distance - 3420 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - Hibiscus, C/C Distance - 2 feet, Area m2 - 300	Name - Ixora coccinea, C/C Distance - 3420 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - champak, C/C Distance - 2 feet, Area m2 - 250	Name - Schefflera arboricola, C/C Distance - 3518 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Acalypha wilkesiana, C/C Distance - 5342 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Allamanda cathartica, C/C Distance - 3000 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Duranta erecta, C/C Distance - 3000 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Tabernaemontana divaricata, C/C Distance - 1600 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Alpinia variegata, C/C Distance - 3400 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Alocasia cucullata, C/C Distance - 1200 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	Name - -, C/C Distance - -, Area m2 --	Name - Rhapsis excelsa,, C/C Distance - 2645 feet, Area m2 --
47. Number and list of shrubs and bushes species to be planted in the podium RG:	-	Shrubs and bushes species had been planted on the ground(virgin land).

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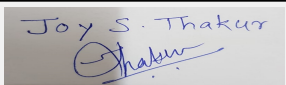
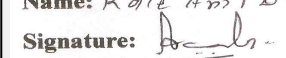
Name: K. Anil Kale

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52.Environmental Management plan Budgetary Allocation - b) Operation Phase (with Break-up):	-	Serial Number - 7, Component - RO Unit, Description - Cost of RO Units, Capital cost Rs. In Lacs - 06, Operational and Maintenance cost (Rs. in Lacs/yr) - 0.2
52.Environmental Management plan Budgetary Allocation - b) Operation Phase (with Break-up):	-	Serial Number - 8, Component - Total, Description - -, Capital cost Rs. In Lacs - 94, Operational and Maintenance cost (Rs. in Lacs/yr) - 16.7

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 20, 2020	Page 12 of 27	Name: Kote Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance stating following details:

FSI area : 26,951.22 m²

Total BUA area : 26951.22 m²

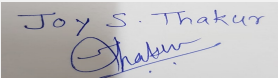
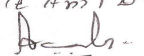
Hospital (560 beds): 04 floors, 15 m

The PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)b2.

DECISION OF SEAC

SEAC-AGENDA-0000000422

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 20, 2020	Page 13 of 27	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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During discussion following points emerged:

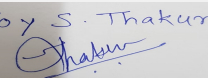
1. PP informed that no ground water will be extracted to meeting the needs of water supply. PP to submit undertaking to this effect.
2. PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report.
3. PP to submit details of primary and secondary solid waste collection system and their locations. PP to submit details of mechanism envisaged for disposal of masks.
4. PP to submit design details of vermicomposting facility and test reports.
5. PP to incorporate pre-oxidation system in STP.
6. PP informed that there is no existing storm water drain. PP has agreed to provide the same at final disposal point in consultation with concerned authority. PP to revise EMP considering cost of the same.
7. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 64 Lakh. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 19.58 Lakh which is less than the remediation / augmentation plan.

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

Specific Conditions by SEAC:

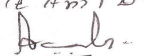
FINAL RECOMMENDATION

SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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

107th SEAC-3 meeting Day 01

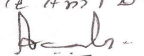
SEAC Meeting number: 107 Meeting Date May 20, 2020

Subject: Environment Clearance for Proposed Residential and Commercial project 'Akashraj One' at S.No. 22/2, At-Ravet, Pune by Nirman Properties.

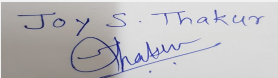
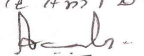
Is a Violation Case: No

1.Name of Project	Proposed Residential and Commercial project 'Akashraj One' at S.No. 22/2, At- Ravet, Pune by Nirman Properties.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bhushan Rajiv Agarwal, Nirman Properties
4.Name of Consultant	M/s Vke Environmental LLP Pune
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	S.No 22/2
9.Taluka	Haveli
10.Village	Ravet
Correspondence Name:	Mr.Bhushan Rajiv Agarwal
Room Number:	602
Floor:	-
Building Name:	Pinnacle A
Road/Street Name:	-
Locality:	Wakad
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	- IOD/IOA/Concession/Plan Approval Number: BP/EC/Ravet/02/2020 dated 27.01.2020 Approved Built-up Area: 32588.07
13.Note on the initiated work (If applicable)	1 commercial building & part residential building completed on site having approx. area of 19,680.27 m2 (FSI - 8853.65 m2 + Non FSI - 10,826.62 m2)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10000.00 m2
16.Deductions	797.63 m2
17.Net Plot area	9202.37 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14706.26 b) Non FSI area (sq. m.): 17881.81 c) Total BUA area (sq. m.): 32588.07
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 14706.26 Approved Non FSI area (sq. m.): 17881.81 Date of Approval: 27-01-2020
19.Total ground coverage (m2)	2739.95
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.77
21.Estimated cost of the project	500000000

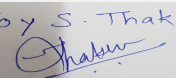
22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Residential A (Completed)	B+GP+11	32.85	
2	Residential B (Proposed)	B+GP+12	34.80	
3	Commercial Building (Completed)	B + P + G + 4	18.20	
23.Number of tenants and shops	Total Tenements:136 Nos. Residential -136 nos. flats Commercial - 127 Shops &5 Restaurants			
24.Number of expected residents / users	Total Population: 1739 Nos. Residential Users- 680 nos. Commercial Users - 1059 nos.			
25.Tenant density per hectare	136 /hector			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	1 commercial building & 1 part residential building completed on site having approx. area of 19,680.27 m2 (FSI - 8853.65 m2 + Non FSI - 10,826.62 m2)			
30.Details of the demolition with disposal (If applicable)	No demolition work involved			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

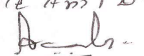
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Dry season:	Source of water	PCMC								
	Fresh water (CMD):	88 m3/day								
	Recycled water - Flushing (CMD):	52 m3/day								
	Recycled water - Gardening (CMD):	8.0 m3/day								
	Swimming pool make up (Cum):	3 m3/day								
	Total Water Requirement (CMD) :	151 m3/day								
	Fire fighting - Underground water tank(CMD):	150 m3								
	Fire fighting - Overhead water tank(CMD):	30 m3								
	Excess treated water	60 m3/day								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	88 m3/day								
	Recycled water - Flushing (CMD):	52 m3/day								
	Recycled water - Gardening (CMD):	0.00 m3/day								
	Swimming pool make up (Cum):	0.00 m3/day								
	Total Water Requirement (CMD) :	140 m3/day								
	Fire fighting - Underground water tank(CMD):	150 m3								
	Fire fighting - Overhead water tank(CMD):	30 m3								
	Excess treated water	68.m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: Main Pool: 10.97× 6 mt Baby Pool: 1.8 × 3.96 mt Total water Requirement: 244470 Lit MakeupwaterrequirementinKLD:2.44m3/day = say 3 m3/day Capital cost: Rs. 2.20Lakh O & M cost: Rs. 0.15 Lakh/year									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	


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 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	SummerSeason-13.33m.to15.67m.BGL.(14.50BGLAverage) Rainy Season-5.67m.to7.67BGL.(6.67BGLAverage) WinterSeason-9.50m. to 11.67 m. BGL. (10.59 BGL Average)	
	Size and no of RWH tank(s) and Quantity:	Not Applicable	
	Location of the RWH tank(s):	Not Applicable	
	Quantity of recharge pits:	5 nos. (2 Nos. Roof Top, 3 = Surface Run off)	
	Size of recharge pits :	a) 2.25 m. X 2.25 m. X 1.75 m. Depth with 55 to 60 m. deep 6" Dia. Bore Well via 1 No. 0.9 m. Dia. 1.0 m. Depth of de-siltation pit for Roof Top RWH b) 2.25 m. X 2.25 m. X 1.75 m. Depth with 55 to 60 m. deep 6" Dia. Bore Well via 2 No. 0.9 m. Dia. 1.0 m. Depth of de-siltation pit for Surface Run Off RWH ; Harvesting Capacity: 2,734.50 m3/Year i.e. 54.69 m3/ Day.	
	Budgetary allocation (Capital cost) :	Rs. 6.25 Lakh	
	Budgetary allocation (O & M cost) :	Rs. 0.25 lakh/year	
	Details of UGT tanks if any :	Domestic : 132 m3 Flushing: 30 m3 Fire: 150m3	
35.Storm water drainage	Natural water drainage pattern:	All the storm water collected will be channelized through the stormwater network and rainwater harvesting system	
	Quantity of storm water:	5,445.16 m3 / Year i.e. 108.90 m3 / Day, Considering 849.30 mm. annual rain fall in 50 days averagely	
	Size of SWD:	450 mm	
Sewage and Waste water	Sewage generation in KLD:	126m3/day	
	STP technology:	MBBR	
	Capacity of STP (CMD):	2 STP's having total capacity of 140 kld (90 +50	
	Location & area of the STP:	Area = 87 m2	
	Budgetary allocation (Capital cost):	For 90 m3/day- Rs. 38.41 Lakh, For 50 m3/day - Rs. 27.88 Lakh	
	Budgetary allocation (O & M cost):	For 90 m3/day - Rs. 8.26 Lakh/year, For 50 m3/day - Rs. 7.11 Lakh/year	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Dry waste (Kg/day): 8 kg/day Wet waste (Kg/day): 12 kg/day =Total waste generated: 20 kg/day	
	Disposal of the construction waste debris:	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling	
Waste generation in the operation Phase:	Dry waste:	319 kg/day	
	Wet waste:	370 kg/day	
	Hazardous waste:	Not Applicable	
	Biomedical waste (If applicable):	Not Applicable	
	STP Sludge (Dry sludge):	11.29 kg/day	
	Others if any:	E waste - 4kg/day	
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Mode of Disposal of waste:	Dry waste:	Will be sent to Authorized vendor
	Wet waste:	Will be treated in Organic waste converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dried sludge from STP will be used as manure
	Others if any:	E-waste- Will be handed over to authorized recycler for further handling& disposal purposes
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	Total area: 36 m ²
	Area for machinery:	Total area: 36 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 12.75Lakh
	O & M cost:	Rs.2.90 Lakh/year

37.Effluent Charecterestics

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

38.Hazardous Waste Details

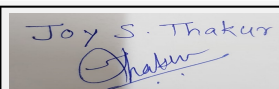
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set- 160 KVA- 1 No.	HSD - 36.6 Liters/Hr	S - 1	6.5 m	As per Norms	As per Norms
2	DG set- 100 KVA- 1 No	HSD - 21.9 Liters/Hr	S - 2	6.0 m	To be Provided	To be Provided


40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	58.5Liters/Hr	58.5 Liters/Hr

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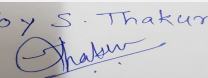
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

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

43.Green Belt Development	Total RG area :	920.24 m2
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	117 nos.
	List of proposed native trees :	117 nos.
	Timeline for completion of plantation :	Before Completion

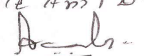
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailathus excelsa	Maharukh	04	Medicinal value, to control soil erosion
2	Albizzia lebek	Shirish	04	Medicinal for Skin, Fragrant flowers, to control soil erosion, Bird attracting species (Para kids eat seeds).
3	Anthocephalus kadamba	Kadamb	04	Medicinal value, to control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	04	Medicinal value, to control soil erosion, To improve soil erosion
5	Bauhinia blakiana	Kanchanraj	04	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	04	Every part of the plant is medicinal, Drought tolerant species.
7	Butea monosperma	Palas	04	Medicinal value, Bird attracting species, to control soil erosion.
8	Cassia fistula	Bahawa	03	Medicinal value, Drought tolerant species, very ornamental, well flowering plant, Honey bee attracting species,
9	Elaeocarpus sphericus	Rudraksh	04	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	04	Medicinal value, Edible fruits,
11	Dalbbergia sisoo	Shisav	04	Medicinal value, Bird attracting species,
12	Ficus arnottiana	Payar	04	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomurata	Umbur	04	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	04	Medicinal value, Bird attracting species, Drought tolerant species,
15	Phyllanthus emblica	Awala	04	Medicinal value

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16	Mangifera indica	Mango	04	Edible fruit, Bird attracting species.
17	Michellia champaca	Sonchaffa	04	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species,
18	Pongamia pinnata	Karanj	03	Medicinal value, Drought tolerant species, to control soil erosion. Hardy plant
19	Saraca indica	Sita-ashok	04	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	04	Medicinal value, Edible fruit.
21	Caryota urens	Fishtail palm	05	Grown in any type of soil. Very Hardy.
22	Mimosups elengii	Bakul	07	Fragrant flowers, Medicinal value, To control soil erosion.
23	Aegle marmelos	Bel	06	Medicinal value, Edible fruit.
24	Nyctanthus arbotritrits	Parijatak	07	Fragrant flowers, Medicinal value
25	Murraya exotica	Kamini	08	Medicinal value, Native species
26	Phoenix roebelenii	Date palm	06	Ornamental plant, Medicinal value, Birds & bats eat fruits.

45. Total quantity of plants on ground

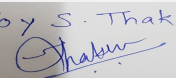
46. Number and list of shrubs and bushes species to be planted in the podium RG:

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

47. Energy


Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA - 1 No.
	During Operation phase (Connected load):	1581 KW
	During Operation phase (Demand load):	1406 KVA
	Transformer:	22 KV/630 KVA - 1 No. & 22 KV/315 KVA - 1 No
	DG set as Power back-up during operation phase:	160 KVA- 1 No. & 100 KVA - 1No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	7475.93 KWH
2	Up Lighter - Light Fitting For Landscape Area.	233.6 KWH
3	Bollard Lighter - Light Fitting For Landscape Area.	255.5 KWH
4	Solar Street Light Fitting - Pole Light On Road Side.	1204.5 KWH
5	Street Light on the Bldg.	1204.5 KWH
6	Energy Saving by Solar Hot Water System.	146250 KWH

50.Details of pollution control Systems

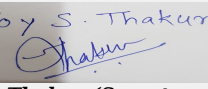
Source	Existing pollution control system	Proposed to be installed
Air	Barricating the site.	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	Acoustically enclosed DG set is installed.	Noise monitoring will be done in once a fortnight.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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 28.00 Lakh
	O & M cost:	Rs. 0.99 Lakh/year.

51.Environmental Management plan Budgetary Allocation

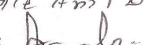
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	9.07 Lakh/Year
2	Facility	Disinfection and Health Check-ups	0.66 Lakh/Year
3	Environment Management	Environmental Monitoring cell	1.70 Lakh/Year
4	Environment	Environmental Monitoring	3.26 Lakh/Year
5	Health and Safety	Labour Safety Equipment's and training	4.00 Lakh/Year
6	Land	Labour Camp toilets & sanitation	4.8 Lakh/Year

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b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	90 m3/day	Rs. 38.41 Lakh	Rs. 8.26 Lakh/Year
2	STP 2	50 m3/day	Rs. 27.88 Lakh	Rs. 7.11 Lakh/Year
3	RWH	-	Rs. 6.25 Lakh	Rs. 0.25 Lakh/Year
4	MSW	OWC	Rs. 12.75 Lakh	Rs. 2.90 Lakh
5	Solar System	-	Rs. 28.00 Lakh	Rs. 0.99 Lakh/Year
6	Landscaping	-	Rs. 18.39 Lakh	Rs. 2.94 Lakh/Year
7	Swimming Pool	-	Rs. 2.20 Lakh	Rs. 0.15 Lakh/Year
8	Safety Equipment	-	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
9	Post EC Monitoring	-	-	Rs. 2.50 Lakh/Year
10	Dry Waste Management	-	-	Rs. 0.81 Lakh/Year
11	Lightening Arrester	-	0.75	-

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

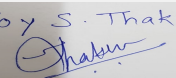
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

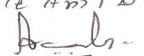
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	45 M Wide DP Road (Aundh - Ravet BRT Road) adjacent to the plot
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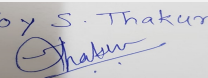
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Name: *Kale Anil D.*
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Parking details:	Number and area of basement:	1 basement Area - 5495.20 m2
	Number and area of podia:	NA
	Total Parking area:	8466.31 m2
	Area per car:	12.5 m2
	Area per car:	12.5 m2
	Number of 2-Wheelers as approved by competent authority:	584
	Number of 4-Wheelers as approved by competent authority:	172
	Public Transport:	-
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

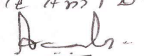
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

SEAC-AGENDA-0000000422

PP had submitted application for prior Environmental clearance for total plot area of 10000.00 m2, FSI area of 14706.26 m2, Non FSI area of 17881.81 and TBUA of 32,588.07 m2.

The building configuration of the proposal is as below:

Residential A (Completed) : - B+GP+11 (32.85 m)

Residential B (Proposed) : - B+GP+12 (34.80 m)

Commercial Building (Completed) :- B +P + G + 4 (18.20m)

The committee noted the previous minutes of the proposal mas below:

Minutes of 86th SEAC-3 meeting:

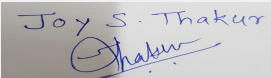
"During presentation, the Committee noticed that the PP had got approved plan from the planning authority. However, while submitting the plan to SEAC, PP changed the location of STP fraudulently. Not only this, PP submitted two different plans to the Committee with an intention to misguide the Committee. This act of PP shows the intention of the PP to get undue advantage by presenting misleading information the Committee. Stern action needs to be taken against the PP for submitting false information so that others may take a lesson from this.

*In view of above, SEAC decided to **refer the proposal to SEIAA** for necessary action against the PP on part of aforementioned misconduct."*

Minutes of 195th SEIAA meeting:

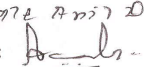
"Proposal was referred to SEIAA by SEAC-3 in its 86th meeting for taking action against PP for misleading committee. Proposal was then listed in 171st meeting of SEIAA but case was deferred as PP was absent for the meeting. During SEIAA deliberations PP stated that, their proposal was fully apprised by the SEAC but their consultant miss-led the committee and hence committee referred the matter to the SEIAA. PP also stated that, they have changed their consultant. PP further stated that, they have obtained revised plan approval from planning authority. PP requested SEIAA to consider their proposal for grant of EC as their proposal was already apprised by SEAC. SEIAA noted the points raised by PP. SEIAA after deliberation decided to refer back the proposal to SEAC for fresh appraisal."

In view of above, the case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)b2.


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

DECISION OF SEAC

During discussion following points emerged:

1. PP to raise UGT level at 40 cm height above ground level.
2. PP agreed to put STP in operation within one month period after lockdown gets over. PP to submit affidavit incorporating time bound program.

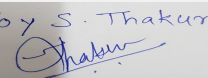
SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

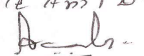
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000422

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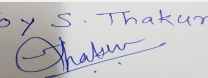
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107 SEAC-3 Day 02**SEAC Meeting number: 107 Meeting Date May 21, 2020****Subject:** Environment Clearance for Residential & Commercial Project by M/s. Surana Bhansali Developers**Is a Violation Case:** Yes

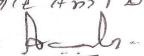
1.Name of Project	Shantiban
2.Type of institution	Private
3.Name of Project Proponent	M/s. Surana Bhansali Developers (Mr. Shirish K Bhansali)
4.Name of Consultant	Sneha HiTech Products
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	S. No. 65A/1, 65B/1, 65C/1(P) & 66/6 (P)
9.Taluka	Haveli
10.Village	Kondhwa (BK)
Correspondence Name:	M/s. Surana Bhansali Developers (Mr. Shirish K Bhansali)
Room Number:	236
Floor:	-
Building Name:	Patil Plaza
Road/Street Name:	-
Locality:	Near Saras Baug, Parvati
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Building plan is sanctioned by PMC-DP authority
	IOD/IOA/Concession/Plan Approval Number: CC/3724/18 dated 27.02.2019
	Approved Built-up Area: 78245.22
13.Note on the initiated work (If applicable)	Construction of 4 buildings A, B, C & G with services (club house, swimming pool, STP, OWC, UG tank, Transformer & DG) was completed on site covering total built up area of 27,793.76 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	23400.00 m2
16.Deductions	7579.04 m2
17.Net Plot area	15820.96 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 41098.71
	b) Non FSI area (sq. m.): 37146.51
	c) Total BUA area (sq. m.): 78245.22
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 41098.71
	Approved Non FSI area (sq. m.): 37146.51
	Date of Approval: 27-02-2019
19.Total ground coverage (m2)	5791.59
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.60%
21.Estimated cost of the project	900000000

22.Number of buildings & its configuration

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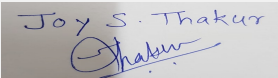
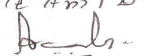
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building - A	P +13	42.15
2	Building - B	P +13	42.15
3	Building - C	P +13	42.15
4	Building - D	B+B+stilt+18 floors	52.20
5	Building - E	B+B+stilt+18 floors	52.20
6	Building - F	P+11	35.99
7	Building - G	G +13	42.46
8	Community Hall	G	3.5
9	Covered Parking structure	G+1	6.0
10	Club house	G+1	9.45

23.Number of tenants and shops	Tenements: 601, Shops: 9
24.Number of expected residents / users	Residential Users: 3,005 Commercial Users: 97 Total Users: 3,102
25.Tenant density per hectare	68 /hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 M & 24 M Wide Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Construction of 4 buildings A, B, C & G with services (club house, swimming pool, STP, OWC, UG tank, Transformer & DG) was completed on site covering total built up area of 27,793.76 m2
30.Details of the demolition with disposal (If applicable)	NA

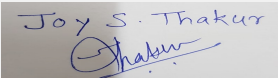
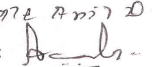
31.Production Details

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

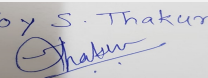
32.Total Water Requirement

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Dry season:	Source of water	Pune Municipal Corporation (PMC)							
	Fresh water (CMD):	272.9 m3/day							
	Recycled water - Flushing (CMD):	137.2 m3/day							
	Recycled water - Gardening (CMD):	20.0 m3/day							
	Swimming pool make up (Cum):	5 m3/day							
	Total Water Requirement (CMD) :	435.1 m3/day							
	Fire fighting - Underground water tank(CMD):	300 m3							
	Fire fighting - Overhead water tank(CMD):	Bldg. A, B & C: 5 m3 each Bldg. D & E: 10 m3 each Bldg. F: 25 m3 Bldg. G: 5 m3							
	Excess treated water	138 m3/day							
Wet season:	Source of water	Pune Municipal Corporation (PMC)							
	Fresh water (CMD):	272.9 m3/day							
	Recycled water - Flushing (CMD):	137.2 m3/day							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	410.1 m3/day							
	Fire fighting - Underground water tank(CMD):	300 m3							
	Fire fighting - Overhead water tank(CMD):	Bldg. A, B & C: 5 m3 each Bldg. D & E: 10 m3 each Bldg. F: 25 m3 Bldg. G: 5 m3							
	Excess treated water	158 m3/day							
Details of Swimming pool (If any)	Dimension of Swimming Pool: Main Pool : 14.35 m x 7.0 m x 1.2 m Baby Pool : 3.00 m x 7.0 m x 0.6 m Daily make up Water requirement in KLD: 5								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

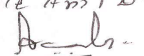
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 8 m on an average
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	Required: 7 Recharge bores and pits Proposed: 12
	Size of recharge pits :	1.2 m x 1.2 m x 3 m
	Budgetary allocation (Capital cost) :	Rs. 12.6 lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.38 lakhs/annum
	Details of UGT tanks if any :	Domestic Water: 410 m3 Flushing: 206 m3 Fire fighting: 300 m3
35.Storm water drainage	Natural water drainage pattern:	North to South
	Quantity of storm water:	6.60 m3/min
	Size of SWD:	450 mm diameter
Sewage and Waste water	Sewage generation in KLD:	369 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP of 370 m3/day
	Location & area of the STP:	Location: On ground Area: 178 m2
	Budgetary allocation (Capital cost):	Rs.108 lakhs
	Budgetary allocation (O & M cost):	Rs. 12.8 lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	12.5 kg/day waste will be generated from 50 nos. of labours
	Disposal of the construction waste debris:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be used for backfilling and remaining will be hand over to authorize vendor
Waste generation in the operation Phase:	Dry waste:	615.55 kg/day
	Wet waste:	911.2 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	26 kg/day
	Others if any:	E-waste: 1527 kg/annum

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Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling and disposal
	Wet waste:	Will be converted to compost using Organic Waste Converter [OWC]
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure for gardening after treatment in OWC.
	Others if any:	E-waste: Sale to authorized vendor
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	17 m ²
	Area for machinery:	10 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 17.25 lakhs
	O & M cost:	Rs. 1.5 lakhs/annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

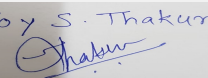
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

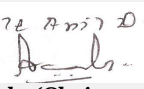
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	1500L per month	1500L per month
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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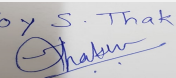
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43.Green Belt Development	Total RG area :	2792.84 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	Existing: 90 & proposed: 133
	List of proposed native trees :	All native trees planted & proposed which are listed below
	Timeline for completion of plantation :	Before Completion of all Buildings


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	MimusopsEleni	Bakul	17	Fragrant Flowers or Leaves - Attracts Birds/Bees - Evergreen Tree/ Creates Shade
2	Cassia Fistula	Bahava	11	Auspicious -Attracts Birds/ Bees/ Butterflies -Hanging or Weeping Growth
3	Neolamarckia Cadamba	Kadamb	4	Fragrant Flowers or Leaves - Attracts Bees/ Butterflies - Quick Growing/ Create Shade
4	Azadirachta Indica	Neem	13	-Fragrant Flowers or Leaves -Plant for Pooja /Evergreen - Quick Growing/ Insect Repellent
5	Lagerstromia Speciosa	Taman	9	- Create Shade - Attracts Birds/ Butterflies/ Bees - Good for Screening
6	Michelia Champaka	Son Chafa	14	Fragrant Flowers or Leaves - Attracts Birds/Butterflies/Bees - Evergreen Tree
7	Bauhinia Purpurea	RaktKanchan	10	-Fragrant Flowers or Leaves - Plant for Pooja - Evergreen Tree
8	Saraca Asoca	SitaAshoka	14	Fragrant Flowers or Leaves - - Attracts Birds/Butterflies/Bees - - Deep Green, Shiny Foliage
9	Plumeria rubra	Chafa	6	Fragrant Flowers or Leaves - - Attracts Birds/Butterflies/Bees - - Quick Growing/For Pooja
10	Millingtonia Hortensis	Buch	38	Fragrant Flowers or Leaves -Plant For Pooja -Evergreen Tree
11	Putranjiva Roxburghii	Putranjiva	8	Dark Green Shiny Leaves - - Pendant Branches - -Moderate Sized-Evergreen Tree
12	Caryota Urens	Fox Tail Palm	9	Fragrant Flowers or Leaves - Attracts Birds/Butterflies/Bees - Evergreen Tree
13	Butea Monosperma	Palas	9	Fragrant Flowers or Leaves - Flowers covering the entire crown -Plant for Pooja
14	Mangifera Indica	Mango	14	Fruit Plant -Fragrant Flowers or leaves - Attracts Birds/Butterflies/Bees

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15	Erythrina Indica	Indian Coral Tree	7	Fragrant Flowers or leaves - Attracts Birds/Butterflies/Bees - Quick Growing Tree
16	Syzygium Cumini	Jamun	14	F-Fruit plant -fragrant flowers or leaves -attracts birds/butterflies/bees
17	Couroupita guianensis	Kailaspati	1	medicinal & religious tree
18	Plumeria obtusa	Chafa	8	Flowering ornamental plant
19	Roystonea regia	Royal palm	15	-Ornamental tree
45.Total quantity of plants on ground				

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

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

47.Energy

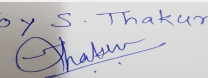
Power requirement:	Source of power supply :	MSEDCL. (Maharashtra State Of Electricity Distribution Company Ltd.)
	During Construction Phase: (Demand Load)	22 KW
	DG set as Power back-up during construction phase	01 No. - 30 KVA
	During Operation phase (Connected load):	3389 KW
	During Operation phase (Demand load):	1623 KVA
	Transformer:	3 nos. X 630 KVA
	DG set as Power back-up during operation phase:	1 no. X 62.5 KVA, 1 no. X 300 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Auto timer control for external and common lighting
- Use of Light Emitting Diode (LED) for corridors, lobbies and common areas.
- Use of CFL/LED lamps
- Solar powered water heating
- Use of solar panel

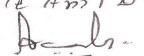
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of LED with timers/dimmers comparing with CFL	1.11%
2	Solar powered water heating	21%
3	Use of solar panel	1.29%

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4	Total	22.91%
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50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 74.35 Lakhs
	O & M cost:	Rs. 6.58 Lakhs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

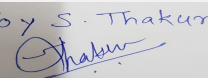
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust suppression	2
2	Site sanitation, Disinfection and safety	To maintain hygienic condition	3
3	Environmental monitoring	Air, water, noise and soil analysis	2
4	Health check-up	To check fitness of workers	2
5	Environment management cell	To manage environmental issues	8.4

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	To treat sewage	108	12.8
2	Solid waste Management	To treat biodegradable solid waste	17.25	1.5
3	Green belt development	Tree plantation	22.89	1.79
4	Rain water Harvesting	To harvest rain water	12.6	0.37
5	Energy efficient equipments	For use of solar lighting and solar heater	74.35	6.58
6	Environmental Monitoring	Air, water, noise and soil analysis	-	3
7	Environmental management cell	To manage environmental issues	-	7.8
8	Swimming pool cost	-	8.4	-

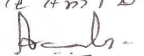
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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
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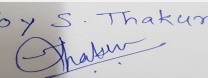
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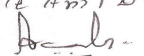
Name: K. Anil Kale

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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	1 no. of junction to 18 m wide road & 1 no. of junction to 24 m wide road					
Parking details:	Number and area of basement:	2 basements in building D & E each Area: 1889.25 m ²					
	Number and area of podia:	NA					
	Total Parking area:	17,456.35 m ²					
	Area per car:	Basement 1: 32.4 m ² Basement 2: 28.7 m ² Stilt: 39.9 m ² 1st floor: 36.7 m ²					
	Area per car:	Basement 1: 32.4 m ² Basement 2: 28.7 m ² Stilt: 39.9 m ² 1st floor: 36.7 m ²					
	Number of 2-Wheelers as approved by competent authority:	Required: 1268 Provided: 1268					
	Number of 4-Wheelers as approved by competent authority:	Required: 542 Provided: 544					
	Public Transport:	NA					
	Width of all Internal roads (m):	6.00 m					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	8(a), B2					
	Court cases pending if any	-					
	Other Relevant Informations	-					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
TOR Suggested Changes							

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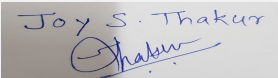
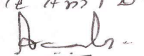
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

Consolidated Statement Point Number	Original Remarks	Submitted Changes
4. Name of Consultant	M/s JV Analytical Services	Sneha HiTech Products

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 21, 2020	Page 10 of 71	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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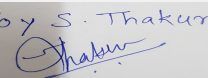
PP had submitted application for prior Environmental clearance for total plot area of 23400 m², FSI area of 41098.71 m², Non FSI area of 37146.51 m² and total BUA 78245.22 m².

The building configuration of the proposal is as below:

Sr	Building	Number of floors	Height (m)
1	Building - A	P +13	42.15
2	Building - B	P +13	42.15
3	Building - C	P +13	42.15
4	Building - D	B+B+stilt+18 floors	52.20
5	Building - E	B+B+stilt+18 floors	52.20
6	Building - F	P+11	35.99
7	Building - G	G +13	42.46
8	Community Hall	G	3.5
9	Covered Parking structure	G+1	6.0
10	Club house	G+1	9.45

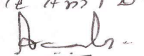
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

DECISION OF SEAC

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During discussion following points emerged:

1. PP to obtain CFO NOC for D building.

2. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.9 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.9 Cr for the project completion period.

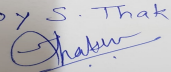
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.9 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.9 Cr for the project completion period

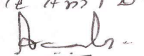
FINAL RECOMMENDATION

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

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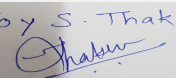
107 SEAC-3 Day 02**SEAC Meeting number: 107 Meeting Date May 21, 2020****Subject:** Environment Clearance for Expansion of Residential & Commercial Construction Project**Is a Violation Case:** Yes

1.Name of Project	Residential cum Commercial Construction Project at S. No. 45, Baner
2.Type of institution	Private
3.Name of Project Proponent	Kunal Sancheti Associates
4.Name of Consultant	NA
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC not obtained. Construction done as per sanction
8.Location of the project	S.No. 45
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	Mr. Hemendra Shah
Room Number:	NA
Floor:	NA
Building Name:	Kunal House
Road/Street Name:	Off Bhandarkar Road
Locality:	Opp. Kamla Nehru Park
City:	Pune
11.Whether in Corporation / Municipal / other area	PMC
12.IOD/IOA/Concession/Plan Approval Number	IOD
	IOD/IOA/Concession/Plan Approval Number: IOD - CC 3012/18 dated 28.12.2018
	Approved Built-up Area: 65266.91
13.Note on the initiated work (If applicable)	Total constructed work - 38621.07 sq.m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	19,721.61 sq.m
16.Deductions	7949.99 sq.m
17.Net Plot area	11771.62 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 27917.51 sq.m
	b) Non FSI area (sq. m.): 37349.40 sq.m
	c) Total BUA area (sq. m.): 65266.91
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 27917.51 sq.m
	Approved Non FSI area (sq. m.): 37349.40 sq.m
	Date of Approval: 28-12-2018
19.Total ground coverage (m2)	3418.73
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.04 %
21.Estimated cost of the project	901400000

22.Number of buildings & its configuration

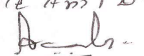
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing - A	P + P + 10	29.90 m	
2	Wing - B	P + P + P + 10	29.90 m	
3	Wing - C	P + P + P + 10	29.90 m	
4	Wing - D	2B + GR + Mezz + 2P + 12	55.80 m	
23.Number of tenants and shops		Residential - 169, Offices - 94., Showrooms - 1 Nos.		
24.Number of expected residents / users		Residential - 845, Commercial - 2496		
25.Tenant density per hectare		250		
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		9 m		
29.Existing structure (s) if any		Constructed Area - 38621.07 sq.m		
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	NA	NA	NA	NA
32.Total Water Requirement				

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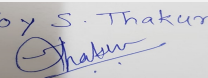
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Dry season:	Source of water	PMC
	Fresh water (CMD):	113.49 KLD
	Recycled water - Flushing (CMD):	112.91 KLD
	Recycled water - Gardening (CMD):	12 KLD
	Swimming pool make up (Cum):	4 KLD
	Total Water Requirement (CMD) :	242.4 KLD
	Fire fighting - Underground water tank(CMD):	225 KLD
	Fire fighting - Overhead water tank(CMD):	20 KLD
	Excess treated water	82.45 KLD
Wet season:	Source of water	PMC
	Fresh water (CMD):	113.49 KLD
	Recycled water - Flushing (CMD):	112.91 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	4 KLD
	Total Water Requirement (CMD) :	230.4 KLD
	Fire fighting - Underground water tank(CMD):	225 KL
	Fire fighting - Overhead water tank(CMD):	20 KLD
	Excess treated water	94.45 KLD
Details of Swimming pool (If any)	Size - 15 m X 6 X 1.2 m Volume 108 cum	

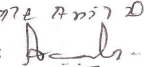
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	76.5 KLD	37.44 KLD	113.94 KLD	7.61 Kld	3.74 KLD	11.35 KLD	68.45 KLD	33.70 KLD	102.2 KLD
Gardening	10 KLD	2 KLD	12 KLD	NA	NA	NA	NA	NA	NA

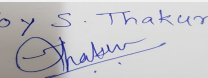
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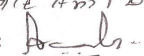
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 - 20 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6
	Size of recharge pits :	2m x 2m x 1m
	Budgetary allocation (Capital cost) :	4.5 Lakh
	Budgetary allocation (O & M cost) :	0.5 Lakh/yr
	Details of UGT tanks if any :	NA
35.Storm water drainage	Natural water drainage pattern:	As per contour (E -W)
	Quantity of storm water:	11.89 m ³ /min.
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	208
	STP technology:	For Proposed STP - MBBR , For Existing STP - Extended Aeration
	Capacity of STP (CMD):	2 No. of STP , Capacity - 110 KLD each
	Location & area of the STP:	As per Layout
	Budgetary allocation (Capital cost):	58 Lakh
	Budgetary allocation (O & M cost):	18 Lakh/yr. (9 + 9)
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % waste material
	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinth area & top soil for landscape
Waste generation in the operation Phase:	Dry waste:	585 Kg/day
	Wet waste:	428 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	13.2 Kg/day
	Others if any:	E waste - Residential - 422 kg/yr., Commercial - 2496 Kg/yr.

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Mode of Disposal of waste:	Dry waste:	Through authorized vendor (SWACH)
	Wet waste:	Through mechanical composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used As Manure
	Others if any:	E waste - Through authorized vendor
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	20 sq.m (10 sq.m for each)
	Area for machinery:	50 sq.m (25 sq.m for each)
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	22 Lakh
	O & M cost:	12 Lakh/yr.

37. Effluent Characteristics

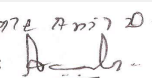
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	7 - 8.5	6.5 - 7.5	---
2	COD	mg/lit.	300 - 400	< 30	Not more than 100 mg/lit
3	BOD	mg/lit.	250 - 300	< 10	Not more than 50 mg/lit
4	SS	mg/lit.	350 - 450	< 5	Not more than 10 mg/lit
5	Oil & Grease	mg/lit.	10	< 5	--
6	TDS	mg/lit.	---	< 1000	---
7	Total Nitrogen	mg/lit. as N	40 - 50	< 10	---
8	Ammonical Nitrogen	mg/lit.	--	< 1	---
9	Total Phosphate	mg/lit.	5 - 7	< 2	---
10	Faecal coliform	MPN/100 ml	10 ⁶ /100	N.D.	---

Amount of effluent generation (CMD):	NA
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39. Stacks emission Details

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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	NA	NA	NA	NA	NA

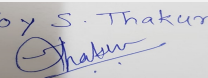
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	Diesel	20.2 lit/hr	98.6 Lit./hr	118.8 lit/hr	
41.Source of Fuel		NA			
42.Mode of Transportation of fuel to site		NA			

43.Green Belt Development	Total RG area :	1576.21 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	182
	List of proposed native trees :	As per below list
	Timeline for completion of plantation :	1 yr.

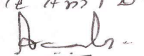
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Alstonia scholaris	Saptaparni	77	Drought tolerant species,To control soil erosion.
2	Annona squamosa	Sitaphal	1	fruit bearing tree
3	Anthocyphylus kadamba	Kadamb	1	large tree , good for road side plantation
4	Azadiracta indica	Neem	7	Medicinal value, Bird attracting species , Keeps the oxygen level in atmosphere balance
5	Bahunia blackena	Kanchan	5	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
6	Brassia Actininophyla	Umbrella plant	5	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
7	Cassia fistula	Bahawa	5	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
8	Citron limonia	Nimbu	4	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
9	Cocos Nucifera	Coconut	8	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
10	Ficus Benjamina	Ficus	17	Medicinal value, fruit bearing trees

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11	Lagerstroemia speciosa	Tamhan	5	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
12	Mangifera indicavariety	Mango	1	fruit bearing tree
13	Michelia champaca	Sonchapha	11	flowering tree, butterfly host plant
14	Mimusops elengi	Bakul	5	flowering tree, shade tree, Medicinal plant
15	Nyctanthus Arboristis	Parijatak	1	flowering tree
16	Plumeria pudica	Golden Arrow	4	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
17	Phyllanthus emblica	Amla	5	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
18	Syzygium cumini	Jambhul	4	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
19	Tamarindus indica	Chinch	6	fruit bearing tree
20	Terminallia catappa	Badam	7	fruit bearing tree
21	Plumeria Rubra	Frangipani	3	Herbal remedy

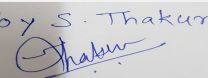
45.Total quantity of plants on ground

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

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

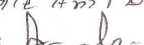
47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 Kw
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	2764 KW
	During Operation phase (Demand load):	2209 Kw
	Transformer:	630 KVA x 4 No. , 200 KVA x 1 No.
	DG set as Power back-up during operation phase:	125 KVA x 1 No., 625 KVA x 2 No.
	Fuel used:	Diesel
Details of high tension line passing through the plot if any:	NA	

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48. Energy saving by non-conventional method:

Auto timer control for external & common lighting
 Use of LED lamps in all public / common areas
 solar powered water heating
 Electronic V3F drives for elevators
 Solar PV panel power for common areas lighting
 Five star rated pumps

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Energy - Out door lighting / street lights	42000 KWH/Annum - 1.21%
2	Auto timer logic control	68755.05 KWH /Annum - 1.99 %
3	Electronic V3F drives for elevators	39209.76 KWH/Annum - 1.13 %
4	Solar water heater	294060 KWH/Annum - 8.49 %
5	Total Energy saving	534514.73 KWH/Annum - 15.43 %
6	Using LED lights	73122.28 KWH/Annum - 2.11%
7	Using Five star rated pumps	17317.64 KWH/Annum - 0.5 %

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage Generation	STP	STP
Wet waste	OWC	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	57.31 Lakh
	O & M cost:	2.82 Lakh/yr.

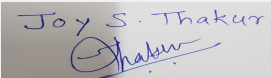
51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust Separation measures & barricading	5.0
2	Site Safety	Nets, Baricades	2.0
3	Site Sanitation	Public toilets	2.0
4	Disinfection & health Check up	Health Camp for Labours	2.0
5	Environmental Monitoring	Air, Water , Noise analysis	1.0

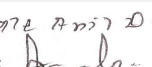
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	To treat waste water	58	18
2	RWH	To recharge Rain water in ground	4.5	0.5
3	Storm water Network	To collect storm water	16	0.5
4	Solid waste Management	To Recycle	22	12


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5	Landscape	To Maintain Greenery	20	4.5
6	Energy Saving	To save electrical Energy	57.31	2.82

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

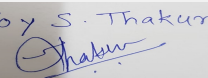
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

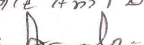
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2
Parking details:	Number and area of basement:	2 No. , Area - 4035.20 sq.m
	Number and area of podia:	NA
	Total Parking area:	23095.4 sq.m
	Area per car:	cover - 30 m , Basement - 35 m
	Area per car:	cover - 30 m , Basement - 35 m
	Number of 2-Wheelers as approved by competent authority:	1073
	Number of 4-Wheelers as approved by competent authority:	525
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 a (B2)

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	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

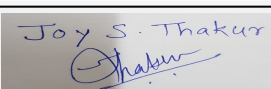
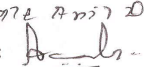
TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
18 (A) Proposed built up area - FSI & Non FSI	FSI - 24251.17 sq.m, Non FSI - 32897.91 sq.m, Total Built up area - 57149.08 sq.m	FSI - 27917.51 sq.m, Non FSI - 37349.4 sq.m, Total Built up area - 65266.91 sq.m

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

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PP had submitted application for prior Environmental clearance for total plot area of 19721.61 m², FSI area of 27917.51 m², Non FSI area of 37349.40 m² and total BUA 65266.91 m².

The building configuration of the proposal is as below:

Wing A - Pk + Pk + 10 F (29.90 m)

Wing B - Pk + Pk + Pk + 10 F (29.90 m)

Wing C - Pk + Pk + Pk + 10 F (29.90 m)

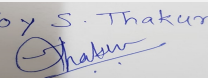
Wing D - 2 B + Ground Pk + Mezz + 2 Pk + 12 F (55.80 m)

PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. PP informed that the total constructed area on site is: 38621.00 m².

PP was issued Terms of Reference in 84th SEAC-3 meeting for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP). Accordingly, PP has submitted Environment Impact Assessment (EIA) and Environment Management Plan (EMP).

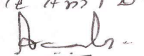
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

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SEAC-III)

During discussion following points emerged:

1. PP to incorporate distance from nearest hospitals and police stations in Disaster Management Plan.
2. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 2.124 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 2.124 Cr for the project completion period.

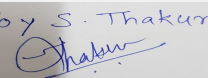
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 2.124 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 2.124 Cr for the project completion period.

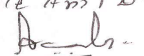
FINAL RECOMMENDATION

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

Joy S. Thakur

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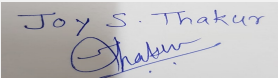
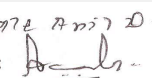
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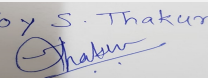
107 SEAC-3 Day 02**SEAC Meeting number: 107 Meeting Date May 21, 2020****Subject:** Environment Clearance for Application for Environmental Clearance for residential project at Pirangut**Is a Violation Case:** No

1.Name of Project	Residential construction project (FLORENCE)
2.Type of institution	Private
3.Name of Project Proponent	Kalyanee Fortune Properties
4.Name of Consultant	Not Yet appointed
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat No. 148/1,149,150,151and 254
9.Taluka	Mulshi
10.Village	Pirangut
Correspondence Name:	Mr. Nilesh Agarwal
Room Number:	0
Floor:	2 nd floor
Building Name:	Gulmohar Building
Road/Street Name:	east street
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MHADA applicable
15.Total Plot Area (sq. m.)	25320
16.Deductions	5888.26
17.Net Plot area	19431.74
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 43375.67
	b) Non FSI area (sq. m.): 17300.04
	c) Total BUA area (sq. m.): 60676
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-08-2018
19.Total ground coverage (m2)	10462..40
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	41.32 %
21.Estimated cost of the project	980000000

22.Number of buildings & its configuration


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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A	P+13	40.05	
2	Wing B	P+13	40.05	
3	Wing C	P + 13	40.05	
4	Wing D	P + 13	40.05	
5	Wing E	P + 13	40.05	
6	Club House	G +1	7.65	
23.Number of tenants and shops	Tenements: 1056			
24.Number of expected residents / users	Residential: 5280			
25.Tenant density per hectare	250 tenements/hectar			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	36 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

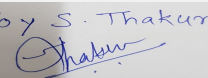
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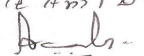
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pirangut Grampanchyat								
	Fresh water (CMD):	486								
	Recycled water - Flushing (CMD):	238								
	Recycled water - Gardening (CMD):	19								
	Swimming pool make up (Cum):	1.42								
	Total Water Requirement (CMD) :	743								
	Fire fighting - Underground water tank(CMD):	375								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	393								
Wet season:	Source of water	Pirangut Grampanchyat								
	Fresh water (CMD):	486								
	Recycled water - Flushing (CMD):	238								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	1.42								
	Total Water Requirement (CMD) :	724								
	Fire fighting - Underground water tank(CMD):	375								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	412								
Details of Swimming pool (If any)	Dimension of Swimming Pool: Area of swimming pool - 39.24 Sqm Total water Requirement in KLD:47 KLD Water requirement for make up in KLD: 1.42 KLD									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	431	431	Not applicable	43	43	Not applicable	388	388	

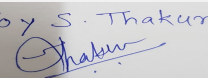
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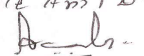
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	28 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6
	Size of recharge pits :	1.5 m. X 1.5 m. X 1.5m. size.
	Budgetary allocation (Capital cost) :	4.5 /- lakhs
	Budgetary allocation (O & M cost) :	0.225/- Lakhs pa
	Details of UGT tanks if any :	Domestic : 730 KL Fire fighting : 375 KL Flushing : 260 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	1519.2 m ² /day
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	650
	STP technology:	MMBR
	Capacity of STP (CMD):	650 (1)
	Location & area of the STP:	As per layout Area: 331.80 sqm
	Budgetary allocation (Capital cost):	138 Lakhs
	Budgetary allocation (O & M cost):	14 lakhs p.a.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of total raw material
	Disposal of the construction waste debris:	As filling material on same site
Waste generation in the operation Phase:	Dry waste:	1056 kg/day
	Wet waste:	1584 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	70.10 kg/day
	Others if any:	E waste: 2640 kg/year

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Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Mechanical composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Through mechanized composting machine
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	As per contour
	Area for the storage of waste & other material:	20 sqm
	Area for machinery:	110 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	40.25 lakhs
	O & M cost:	8.24 lakhs p.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7 -8.5	6.5 -7.5	Not applicable
2	COD	mg/l	300-400	<30	Not to exceed 100mg/l
3	BOD	mg/l	250-300	<10	not to exceed 10mg/l
4	SS	mg/l	350-450	<5	not to exceed 50 mg/l
5	Oil and grease	mg/l	10	<5	Not applicable
6	TDS	mg/l	-	<1000	Not applicable
7	Total nitrogen	mg/l as N	40-50	< or equal to 5	Not applicable
8	Ammnical nitrogen as N	mg/l	--	< or equal to 1	Not applicable
9	Total phosphohate	mg/l	5-7	< or equal to 2	Not applicable
10	Faecal Coliform	MPN/100 ml	10000000	Nil	Not applicable

Amount of effluent generation (CMD): Not applicable

Capacity of the ETP: Not applicable

Amount of treated effluent recycled : Not applicable

Amount of water send to the CETP: Not applicable

Membership of CETP (if require): Not applicable

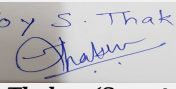
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38. Hazardous Waste Details


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

39. Stacks emission Details

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

40.Details of Fuel to be used

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

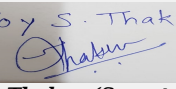
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	2652.50 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	308
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	2 years

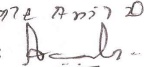
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebek	Shirish	8	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
2	Cordia dichotoma	Bhokar	8	Medicinal value, Edible fruits,
3	Bauhinia blackiana	Bauhinia blackiana	12	Every part of the plant is medicinal, Drought tolerant species.
4	Ficus glomerata	Umbur	12	Medicinal value, Edible fruits, Bird attracting species
5	Butea monosperma	Palas	8	Medicinal value, Bird attracting species , To control soil erosion.
6	Anthocephalus kadamba	Kadamb	12	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
7	Azardirachta indica	Neem	23	Medicinal value, To control soil erosion. To improve soil erosion
8	Dalbergia sissoo	Shisav	8	Medicinal value, Bird attracting species ,
9	Ficus arnottiana	Payar	12	Drought tolerant species, Bird attracting species. To control soil erosion.
10	Bauhinia purpurea	Gulabi kanchan	12	Every part of the plant is medicinal ,Drought tolerant species.

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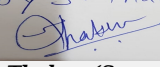
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11	Ficus retusa	Nandruk	8	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
12	Pongamia pinnata	Karanj	8	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
13	Mangifera indica	Mango	12	Edible fruit, Bird attracting species.
14	Michelia champaca	Sonchafa	12	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
15	Cassia fistula	Bahawa	08	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
16	Bahunia racemosa	Apta	16	Every part of the plant is medicinal, Drought tolerant species
17	Nyctanthus arbortristis	Parijatak	16	Fragrant flowers, Medicinal value,
18	Erythrina indica	Pangara	16	Fragrant flowers, Drought tolerant species, Birds attracting
19	Putrnjiva roxburghii	Putrnjiva	12	Medicinal value, Drought tolerant species,
20	Gmelina arborea	Shivan	13	Medicinal value, Drought tolerant species, Bird attracting species.
21	Mimosups elengii	Bakul	12	Fragrant flowers, Medicinal value, To control soil erosion.
22	Schleichera oleosa	Kusum	12	Native species, Fragrant flowers
23	Aegle marmelos	Bel	12	Medicinal value ,Drought tolerant species.
24	Murraya exotica	Kamini	12	Native species, Fragrant flowers
25	Caryota urens	Fishtail palm	12	Grown in any type of soil. Very Hardy.
26	Melia Azaradichta	Bakam neem	12	Medicinal value, Native species Bird attracting species.
45.Total quantity of plants on ground				

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


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

47.Energy

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	3147 KW
	During Operation phase (Demand load):	2833.34 KW
	Transformer:	4 Nos. of 630 KVA, 1 Nos. of 315 KVA
	DG set as Power back-up during operation phase:	1 Nos. of 320 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

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

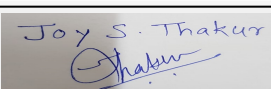
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	48000 KWH / Anum
2	Timer Logic Controller	100357 KWH / Anum
3	Electronic V3F drive for Lifts	48195 KWH / Anum
4	Solar Water Heater	1106640 KWH / Anum

50. Details of pollution control Systems

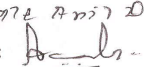
Source	Existing pollution control system	Proposed to be installed
Water pollution	Not applicable	STP
Noise Pollution	Not applicable	Acoustic enclouser to DG set
Solid waste management	Not applicable	Mechanical composting unit
Air pollution due to traffic and DG set	Not applicable	Canopy, green bealt

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	132/- lakhs
	O & M cost:	4.16 /-lakhs/pa


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51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	dust suppression measures, barricading and top soil preservation	0.20
2	Site Sanitation & Safety	Proper channel for water and drainage	0.50
3	Environmental Monitoring	Air, water, soil, and noise monitoring	0.35
4	Disinfection	pest control	0.30
5	Health Check up	Health camp	0.20

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment	Installation and operation phase	139.50	13.95
2	Solid waste management	mechanical composting unit installation and operation phase	40.25	8.24
3	Rain water harvesting	construction of recharge pits and bore with internal piping	4.5	0.25
4	Rain water harvesting	construction of recharge pits and bore with internal piping	4.5	0.25
5	Landscape	Plantation	42.83	6.86
6	Energy	energy conservation measures	312	4.16

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

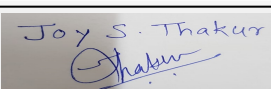
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

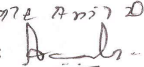
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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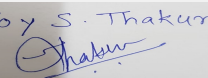
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	9127.60 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	1979
	Number of 4-Wheelers as approved by competent authority:	14
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

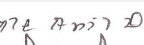
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 25320 m², FSI area of 43375.67 m², Non FSI area of 17300.04 m² and total BUA of 60676 m².

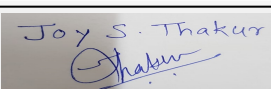
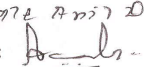
The building configuration of the proposal is as below:

Wing A, B, C, D & E (Height 40.05 m) : P+13

Club House : (Height 7.65 m) : G+1

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

DECISION OF SEAC

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During discussion following points emerged:

1. PP has proposed Rs.75 lacs for water and drainage work.However this is the job of local authorities. Cost of electric crematorium and ambulance is very inadequate. Rs.75 lacs be apportioned in electric crematorium and ambulance suitably and revised CER be submitted accordingly.
2. PP to undertake that no occupation will be given till sustainable water supply is in place.

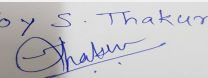
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

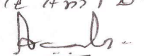
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000423

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Name: K 072 Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

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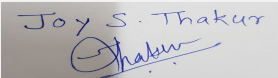
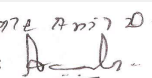
SEAC Meeting number: 107 Meeting Date May 21, 2020

Subject: Environment Clearance for Environmental Clearance for proposed residential project at G. No. 570, Wagholi by Stuti Associates

Is a Violation Case: No

1.Name of Project	Environmental Clearance for proposed residential project at G. No. 570, Wagholi by Stuti Associates
2.Type of institution	Private
3.Name of Project Proponent	Kailash Mundada
4.Name of Consultant	Vke:Environmental LLP
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	G. No. 570, Wagholi,Pune
9.Taluka	Haweli
10.Village	Wagholi
Correspondence Name:	Mr Anil Bavaskar
Room Number:	Office No. 3, 4, 5
Floor:	Ground floor
Building Name:	Swayambhu
Road/Street Name:	Pune Satara Road
Locality:	Mukundnagar
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Under process IOD/IOA/Concession/Plan Approval Number: Under process Approved Built-up Area: 00
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.)	20000
16.Deductions	-
17.Net Plot area	20000
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 28639.17 b) Non FSI area (sq. m.): 32194.99 c) Total BUA area (sq. m.): 60834.16
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 17-04-2019
19.Total ground coverage (m2)	7380
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	37
21.Estimated cost of the project	1010000000

22.Number of buildings & its configuration

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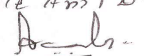
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	LP+UP+15	47.10
2	Wing B	LP+UP+15	47.10
3	Wing C	LP+UP+15	47.10
4	Wing D	LP+UP+15	47.10
5	Wing E	LP+UP+15	47.10
6	Wing F	LP+UP+15	47.10
7	Wing G	LP+UP+15	47.10
8	Wing H	LP+UP+15	47.10
9	Club House	G+2	9.2
10	MHADA	LP+UP+14	44.27

23.Number of tenants and shops	Residential:516
24.Number of expected residents / users	Residential Tenents :2584
25.Tenant density per hectare	250 tenets/ ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	min 9m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

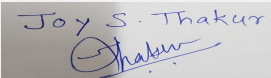
31.Production Details

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

32.Total Water Requirement

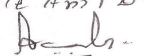
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Dry season:	Source of water	Wagholi Grampanchayat								
	Fresh water (CMD):	245								
	Recycled water - Flushing (CMD):	116								
	Recycled water - Gardening (CMD):	12								
	Swimming pool make up (Cum):	3								
	Total Water Requirement (CMD) :	373								
	Fire fighting - Underground water tank(CMD):	800								
	Fire fighting - Overhead water tank(CMD):	200								
	Excess treated water	196								
Wet season:	Source of water	Wagholi Grampanchayat								
	Fresh water (CMD):	245								
	Recycled water - Flushing (CMD):	116								
	Recycled water - Gardening (CMD):	00								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	358								
	Fire fighting - Underground water tank(CMD):	800								
	Fire fighting - Overhead water tank(CMD):	200								
	Excess treated water	206								
Details of Swimming pool (If any)	Main Pool Size: 8m x 16 m x 1.2 m depth Baby Pool Size: 6 m x 6 m x 0.7 m depth parameters to be monitored: 1. pH -7.2 7.6 2. Chlorine level -1 to 1.5 mg/l Capital Cost: 1225000 O & M Cost: 240000 per annum									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

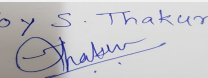

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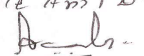
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 to 27 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6 no
	Size of recharge pits :	2mx2mx2.5m
	Budgetary allocation (Capital cost) :	450000
	Budgetary allocation (O & M cost) :	22500
	Details of UGT tanks if any :	Fire UG tank Capacity:800 cum
35.Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits
	Quantity of storm water:	1200 m ³ /day
	Size of SWD:	600 MM
Sewage and Waste water	Sewage generation in KLD:	322 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	330KLD
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	50,00,000
	Budgetary allocation (O & M cost):	1640490
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Dry waste (Kg/day): 8 kg/day Wet waste (Kg/day): 12 kg/day =Total waste generated: 20 kg/day
	Disposal of the construction waste debris:	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling
Waste generation in the operation Phase:	Dry waste:	517 kg/day
	Wet waste:	775 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	45 kg/day
	Others if any:	E waste- 3.44 kg/yr

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

Mode of Disposal of waste:	Dry waste:	Will be handed over to SWaCH
	Wet waste:	Will be operated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried sludge will use as manure
	Others if any:	E waste will be handed over to authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Total area- 58 m2
	Area for machinery:	Total area- 58 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	1675000
	O & M cost:	432240

37. Effluent Characteristics

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

38. Hazardous Waste Details

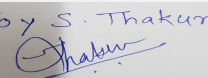
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

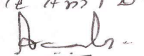
40. Details of Fuel to be used

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

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43.Green Belt Development	Total RG area :	Mandatory open space-2000sq.m
	No of trees to be cut :	0
	Number of trees to be planted :	250
	List of proposed native trees :	Referred below
	Timeline for completion of plantation :	Till the end of construction phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia grandis	Pink shower	15	Drought tolerant, ornamental & medicinal plant
2	Michelia champaca	Champa	15	Evergreen timber plant, ornamenta
3	Mimusopes elengii	Bakul	15	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	15	Evergreen & bird attracting tree
5	Syzygiumcumini	Jambhul	15	fruit tree & bird attracting
6	Butea monosperma	Flame tree	15	Used in pesticide & dye preparation
7	Mangiferaindica	Mango tree	15	Evergreen & bird attracting tree
8	Cassia Fistula	Golden Shower	15	Drought tolerant, ornamental & medicinal plant
9	Saracaindica	Sita ashok	15	Evergreen medicinal plant
10	Roystonearegia	Royal palm	15	Nitrogen fixer, ornamental plant
11	Manikara Zapota	Chikoo	15	Tropical fruit tree & bird attracting tree
12	Neolamarkia cadamba	Kadamba tree	15	Tropical fruit tree & bird attracting tree
13	Pongamia pinnata	karanj	15	Karanj is an important ayurvedic medicine
14	Phyllanthus officinalis	Awala	15	Evergreen medicinal and fruit plant
15	Psidium Guajava	Peru	15	Holy basil is an important medicinal
16	Azadirachta indica	Neem	15	Traditional medicinal Plant
17	Albizia Lebbeck	Shirish	15	Evergreen timber plant, ornamental

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 21, 2020	Page 42 of 71	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	1 No-250Kva
	During Operation phase (Connected load):	2373 kw
	During Operation phase (Demand load):	1509 KVA
	Transformer:	2 Nos. of 630 KVA ,1 Nos. of 315 KVA
	DG set as Power back-up during operation phase:	1 No-320Kva
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48. Energy saving by non-conventional method:

Total Energy Saving : i.e. (20.21 % Savings) /year

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	36000 KWH / Anum
2	Timer Logic Controller	91657 KWH / Anum
3	Electronic V3F drive for Lifts	51463 KWH / Anum
4	Solar Water Heater	718272 KWH / Anum

50. Details of pollution control Systems

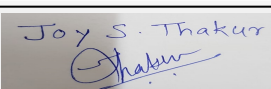
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	9560000
	O & M cost:	363720

51. Environmental Management plan Budgetary Allocation

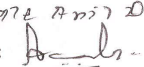
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	1577500
2	Land	Labour Camp toilets & sanitation	480000


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3	Health and Safety	Labour Safety Equipments and training	400000
4	facility	Disinfection and Health Check-ups	51000
5	Environment Management	Environmental Monitoring cell	170000
6	Environment	Environmental Monitoring	182500

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	50,00,000	16,40,490
2	Solid Waste Management	1 OWC	16,75,000	4,32,240
3	Landscaping	Development & maintenance of green area	22,38,652	11,452
4	Rain Water Harvesting	6 Recharge pits	4,50,000	22,500
5	Renewable Energy	Solar Hot water and solar pv	72,30,000	1,88,610
6	Environmental Monitoring	-	-	1,85,600
7	Swimming Pool	Swimming pool	12,25,000	2,40,000
8	Lightning arrester cost	Lightning arrester	1200000	-

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

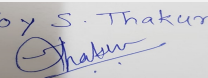
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

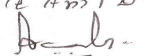
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The site is located in Wagholi Area. The development will be accessible from 12m wide service road while the internal driveways are 6 m
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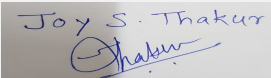
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Name: *Kale Anil D.*
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	12800 sq.m
	Area per car:	12.5 sq.m
	Area per car:	12.5 sq.m
	Number of 2-Wheelers as approved by competent authority:	863
	Number of 4-Wheelers as approved by competent authority:	234
	Public Transport:	NA
	Width of all Internal roads (m):	6.0m wide internal road is provided and 9.0 m. Turning radius will be provided.
	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 building and construction project
	Court cases pending if any	No
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of residential building having 464 flats.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

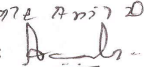
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-


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

Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 20000 m², FSI area of 28639.17 m², Non FSI area of 32194.99 m² and total BUA of 60834.16 m².

The building configuration of the proposal is as below:

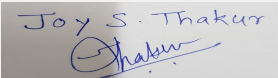
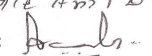
Wing A, B, C, D, E, F, G, H :- LP+UP+15 (47.1 m)

Club House :- G+2 (9.2 m)

MHADA Bldg - LP+UP+15 (44.27 m)

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

DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 21, 2020	Page 46 of 71	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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During discussion following points emerged:

1. PP to submit basement approved plan.
2. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply

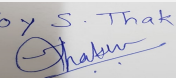
SEAC decided to **recommend** the proposal for prior environmental Clearance.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

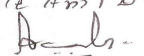
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000423

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

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Name: K 072 Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

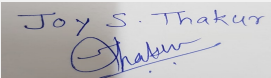
107 SEAC-3 Day 02

SEAC Meeting number: 107 Meeting Date May 21, 2020

Subject: Environment Clearance for AMENDMENT AND EXPANSION IN EC FOR PROPOSED RESIDENTIAL CUM COMMERCIAL PROJECT AT HADAPSAR, PUNE BY DOSTI REALTY LIMITED

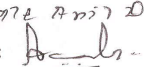
Is a Violation Case: No

1.Name of Project	AMENDMENT AND EXPANSION FOR PROPOSED RESIDENTIAL CUM COMMERCIAL PROJECT
2.Type of institution	Private
3.Name of Project Proponent	Mr. Deepak K. Goradia; DOSTI REALTY LIMITED
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment and Expansion in Residential cum Commercial project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No. 112, 112A, 113, 113B, 114, 117, 118, 119, 122, 122A, 123A, 123B, 296, 296/B, 297, 297A, 318/ P. No. 3,4,5,5A,10,11,11A,12,15,16, proposed residential and commercial project at S. No. 112/1A/3/4/5/5A/10/11/11A/12/15/16(p),Plot no. 1, 112/1A/3/4/5/5A/10/11/11A/12/15/16(p),Plot no. 2/DP road, 112/1A/3/4/5/5A/10/11/11A/12/15/16(p),Plot no. 3/Amenity Space, Pune Solapur Road, Hadapsar, Pune, Maharashtra.
9.Taluka	Hadapsar
10.Village	Hadapsar
Correspondence Name:	Mr. Deepak Goradia
Room Number:	276
Floor:	1st Floor
Building Name:	Lawrence & Mayo House
Road/Street Name:	Dr. D. N. Road
Locality:	Fort, Mumbai
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Approval received from Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: CC/3311/16 dated 19.01.2017; Latest Approval: In Process Approved Built-up Area: 82834.62
13.Note on the initiated work (If applicable)	No Work Started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	48,284.39 m2
16.Deductions	14,010.57 m2
17.Net Plot area	34,273.82 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 102633.62
	b) Non FSI area (sq. m.): 85110.90
	c) Total BUA area (sq. m.): 187744.52
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 102633.62
	Approved Non FSI area (sq. m.): 85110.90
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	18830.91 m2


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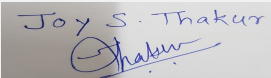
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39%
21. Estimated cost of the project	5340000000

22. Number of buildings & its configuration

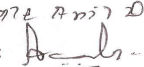
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A1	UG + Podium + 14 Upper floors	48.80
2	A2	UG + Podium + 21 Upper floors	69.45
3	A3	B + LG + UG + Podium + 21 Upper floors	69.45
4	A4	B + LG + UG + Podium + 21 Upper floors	69.45
5	A5	B + LG + UG + Podium + 21 Upper floors	69.45
6	A6	UG + Podium + 21 Upper floors	69.45
7	A7	UG + Podium + 14 Upper floors	48.80
8	B1	B + LG + UG + Podium + 21 Upper floors	69.45
9	B2	B + LG + UG + Podium + 21 Upper floors	69.45
10	B3	B + LG + UG + Podium + 21 Upper floors	69.45
11	B4	B + LG + UG + Podium + 21 Upper floors	69.45
12	B5	B + LG + UG + Podium + 21 Upper floors	69.45
13	C1	B + LG + UG + Podium + 21 Upper floors	69.45
14	C2	B + LG + UG + Podium + 21 Upper floors	69.45
15	C3	B + LG + UG + Podium + 21 Upper floors	69.45
16	C4	B + LG + UG + Podium + 21 Upper floors	69.45
17	C5	B + LG + UG + Podium + 21 Upper floors	69.45
18	COMMERCIAL BUILDING	G + 2 Upper floors	13.05
19	CLUB HOUSE 2	B + LG + UG + Podium 1 + First Floor	12.90

23. Number of tenants and shops	1392 Flats and Commercial Shops
24. Number of expected residents / users	6960 Nos.
25. Tenant density per hectare	370/ha
26. Height of the building(s)	


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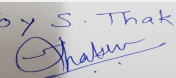
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 feet wide Road and Pune Solapur Highway
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12 m wide drive way
29.Existing structure (s) if any	Godawoon and administrative building
30.Details of the demolition with disposal (If applicable)	248 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

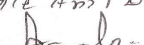
32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	633
	Recycled water - Flushing (CMD):	318
	Recycled water - Gardening (CMD):	17
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	961
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	544

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

Wet season:	Source of water	PMC
	Fresh water (CMD):	633
	Recycled water - Flushing (CMD):	318
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	961
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	561

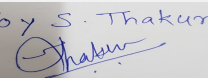
Details of Swimming pool (If any) Swimming Pool is provided. Dimensions: 25.0m x 10.0 m x 1.5 m depth

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

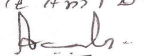
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	12 - 13 m
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	9 Nos. of recharge pits
	Size of recharge pits :	3 m dia
	Budgetary allocation (Capital cost) :	12 Lakh
	Budgetary allocation (O & M cost) :	1 Lakh / year
	Details of UGT tanks if any :	Domestic and flushing tanks are provided

35.Storm water drainage	Natural water drainage pattern:	Towards North
	Quantity of storm water:	3985.40 m3/hr
	Size of SWD:	300 and 450 mm

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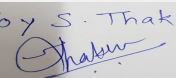
Sewage and Waste water	Sewage generation in KLD:	888
	STP technology:	MBBR
	Capacity of STP (CMD):	1000
	Location & area of the STP:	STP is in Basement with area: 612 m ²
	Budgetary allocation (Capital cost):	200 Lakh
	Budgetary allocation (O & M cost):	40 Lakh / year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris waste generation: 5452 m ³
	Disposal of the construction waste debris:	Debris will be used at project site for land filling and back filling
Waste generation in the operation Phase:	Dry waste:	1413 kg/d
	Wet waste:	2119 kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	9 KLD
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge will be mixed with the compost to form a soil conditioner which will be used for landscaping purpose
	Others if any:	NA
Area requirement:	Location(s):	Upper Ground Floor
	Area for the storage of waste & other material:	100 m ²
	Area for machinery:	50 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	96 Lakh
	O & M cost:	38 Lakh/year

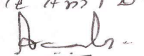
37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

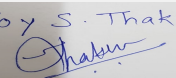
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	3427.35 m ² (RG on Ground: 1732.20 m ² RG on Podium: 1695.15 m ²)
	No of trees to be cut :	67 Nos.
	Number of trees to be planted :	667 Nos.
	List of proposed native trees :	as below
	Timeline for completion of plantation :	2 years

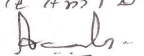
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	75	Shady tree, yellowish green fragrant flowers
2	Anthocephalus kadamba	Kadamb	52	Shady, large tree, ball shaped flowers.
3	Azadirachta indica	Neem	71	Large tree, good for roadside plantation
4	Bauhinea racemosa	Apta	17	Small tree with small white flowers, Butterfly host plant

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5	Cassia fistula	Bahava	19	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
6	Khaya grandis	Mohagany	26	Large tree, good for roadside plantation
7	Lagestromia speciosa	Flos reginae	40	Shady tree.
8	Mesua ferrea	Nagkeshar	34	-
9	Michelia champaca	Son chafa	60	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
10	Plumeria alba	Chapha	59	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
11	Pongamia pinnata	Karanj	45	Shady tree.
12	Saraca indica	Sita ashok	22	Shady tree with red-yellow flowers.
13	Syzygium cumini	Jambhul	20	Fruit bearing Tree
14	Manilkara zapota	Chiku	39	Fruit bearing tree
15	Psidium guajava	Peru	40	Fruit bearing tree
16	Annona squamosa	Sitafal	38	Fruit bearing tree
17	Mangifera indica	Amba	10	Fruit bearing tree

45.Total quantity of plants on ground

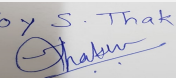
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

47.Energy

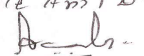
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	3.6 MW
	During Operation phase (Demand load):	3.3 MW
	Transformer:	6 X 630 kVA
	DG set as Power back-up during operation phase:	2 x 625 kVA
	Fuel used:	Diesel
Details of high tension line passing through the plot if any:	No	

48.Energy saving by non-conventional method:

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- Energy Efficient lighting using LED Lamps
- Use of high energy efficient pumps for fire fighting, UG Tanks and STP
- LED lights are proposed for common areas such as open spaces, pathways etc.
- Provision of solar hot water and solar PV panels

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	22%

50.Details of pollution control Systems

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

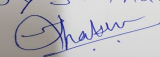
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	100 Lakhs
	O & M cost:	5 Lakh / year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation and Potable Water Supply to Labour	-	9
3	Environmental Monitoring	(As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	3
4	Health check-up & first aid	-	5
5	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	15
6	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	4
7	Safety nets	-	10
8	Tyre cleaning and vehicle maintenance	-	3
9	Splid waste management & site maintenance activity	-	3
10	Safety Training to Workers (Twice in Year), Safety Officer	-	6

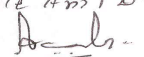
b) Operation Phase (with Break-up):

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Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M Environment Monitoring: Monthly, STP outlet water quality for pH, BOD, COD, SS, FC, Nitrate, Phosphate and O&G	200	40
2	Solar System	Quarterly	100	5
3	Rain water Harvesting	During Rainy Season (cleaning of SWD, contour trenches and filtration units before rainy season)	12	1
4	Solid Waste Composting plant	Continuous O & M Environment Monitoring: Monthly to assess the compost quality	96	38
5	Landscape	Daily	14	2
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4

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

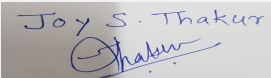
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

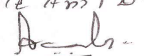
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Site is accessible by 60 feet wide Road and Pune Solapur Highway
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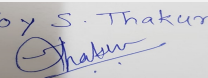
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Parking details:	Number and area of basement:	1 Basements with Area: 7310 m2
	Number and area of podia:	1 Podium with Area: 4863.7 m2; Upper Ground : 6827.1 m2; Lower Ground : 6931.2 m2
	Total Parking area:	25,932 m2 (Net parking area)
	Area per car:	12.5 m2
	Area per car:	12.5 m2
	Number of 2-Wheelers as approved by competent authority:	2 W: 3050 Nos.; Cycle: 1510 Nos.
	Number of 4-Wheelers as approved by competent authority:	1502 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	12 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

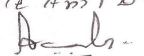
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

SEAC-AGENDA-00000000423

PP had submitted application for prior Environmental clearance for total plot area of 48,284.39 m², FSI area of 102633.62 m², Non FSI area of 85110.90 m² and total BUA of 187744.52 m².

The building configuration of the proposal is as below : (18 Buildings and 1 Club House)

Building	Configuration	Height
A1	UG + Podium + 14 Upper floors	48.80
A2	UG + Podium + 21 Upper floors	69.45
A3	B + LG + UG + Podium + 21 Upper floors	69.45
A4	B + LG + UG + Podium + 21 Upper floors	69.45
A5	B + LG + UG + Podium + 21 Upper floors	69.45
A6	UG + Podium + 21 Upper floors	69.45
A7	UG + Podium + 14 Upper floors	48.80
B1	B + LG + UG + Podium + 21 Upper floors	69.45
B2	B + LG + UG + Podium + 21 Upper floors	69.45
B3	B + LG + UG + Podium + 21 Upper floors	69.45
B4	B + LG + UG + Podium + 21 Upper floors	69.45
B5	B + LG + UG + Podium + 21 Upper floors	69.45
C1	B + LG + UG + Podium + 21 Upper floors	69.45
C2	B + LG + UG + Podium + 21 Upper floors	69.45
C3	B + LG + UG + Podium + 21 Upper floors	69.45
C4	B + LG + UG + Podium + 21 Upper floors	69.45
C5	B + LG + UG + Podium + 21 Upper floors	69.45
Commercial	G + 2 Upper floors	13.05
Club house 2	B + LG + UG + Podium 1 + First Floor	12.90

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

 <p>Joy S. Thakur (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 107 Meeting Date: May 21, 2020</p>	<p>Name: K. Anil Kale Signature: [Signature] Shri. Anil Kale (Chairman SEAC-III)</p> <p>Page 59 of 71</p>
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DECISION OF SEAC

During discussion following points emerged:

1. PP to undertake that no occupation will be given till sustainable water supply is in place.
2. PP to undertake that the STP wet level in aeration tank will be 1.5m above the reference ground level where STP is being installed. Tank will be open to sky.

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

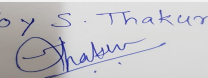
Specific Conditions by SEAC:

- 1) Nil.

FINAL RECOMMENDATION

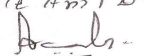
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000423

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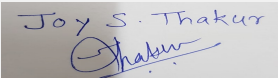
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107 SEAC-3 Day 02**SEAC Meeting number: 107 Meeting Date May 21, 2020****Subject:** Environment Clearance for Expansion in residential cum commercial project**Is a Violation Case:** No

1.Name of Project	Ganga Florentina
2.Type of institution	Private
3.Name of Project Proponent	Shree Balaji Realty
4.Name of Consultant	Pollution and Ecology Control Services
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, previous EC vide no. SEAC 2012/CR 109/TC-2 dated 5th Feb 2015
8.Location of the project	S. No. 36 (P) and 28 (P)
9.Taluka	Haveli
10.Village	Mohammadwadi
Correspondence Name:	Mr. Annuj Goel
Room Number:	0
Floor:	Ground floor
Building Name:	San Mahu Complex
Road/Street Name:	Poona Club Road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Construction done 25944.90 sqm as per previous EC and sanction number vide XXX dated XXX
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	54484.06
16.Deductions	9422.31
17.Net Plot area	42976.29
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 96409.03
	b) Non FSI area (sq. m.): 50190.97
	c) Total BUA area (sq. m.): 146600
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 30342.67
	Approved Non FSI area (sq. m.): 5057.11
	Date of Approval: 05-02-2019
19.Total ground coverage (m2)	18700
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.51
21.Estimated cost of the project	1981081000

22.Number of buildings & its configuration

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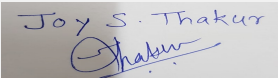
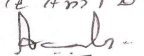
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A (1)	G/P +P1 +15	49.95
2	B (1)	G/P + P +15	49.95
3	C (1)	G/P + P1 +15	49.95
4	D (1)	G/p + P1 +15	49.95
5	F (1)	B1+B2+G/P+P1+08	29.00
6	G(1)	B2+B1+G/P+P+08	20.30
7	H (1)	G/P + P1+ P 2+21	69.60
8	I (1) Wing I -1, Wing I-2	G/P + P1+ P2+ 21	69.60
9	Club House	G +1	7.45

23.Number of tenants and shops	872 + shops
24.Number of expected residents / users	Residential : 4360 commercial : 173
25.Tenant density per hectare	250 tenements /hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	A,B, C buildings, D commercial completed.
30.Details of the demolition with disposal (If applicable)	Temporary site office will be demolished

31.Production Details

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

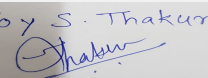
32.Total Water Requirement

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Dry season:	Source of water	PMC
	Fresh water (CMD):	395
	Recycled water - Flushing (CMD):	201
	Recycled water - Gardening (CMD):	96
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	604
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	260
Wet season:	Source of water	PMC
	Fresh water (CMD):	395
	Recycled water - Flushing (CMD):	201
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	593
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	357
Details of Swimming pool (If any)	Not applicable	

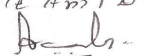
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	83	312	395	8	31	39	75	281	356

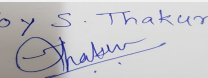
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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 21.50 m. to 33.75 m. BGL. (27.63 m. Average) Rainy Season - 8.00 m. to 11.50 m. BGL. (9.75 m. Average) Winter Season - 14.75 m. to 22.63 m. BGL. (18.69 m. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	16 Nos. with bore + 14 No. Soak pits = Total 30 No
	Size of recharge pits :	a) 16 no. of 2.50 m. X 2.50 m. X 1.75 m. Depth with 40 to 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth. & b) 14 no. of 1.0 m. X 1.0 m. X 1.00 m. Soak Pits
	Budgetary allocation (Capital cost) :	21.50 /- lakhs
	Budgetary allocation (O & M cost) :	0.30 lakhs p.a.
	Details of UGT tanks if any :	Domestic water : 595 KLD Fire tank: 500 KLD
35. Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	25,046.32 m ³ / Year
	Size of SWD:	250 mm - 600 mm
Sewage and Waste water	Sewage generation in KLD:	557
	STP technology:	MBBR
	Capacity of STP (CMD):	Existing STP 310 KLD Proposed STP: 275 KLD
	Location & area of the STP:	As per layout Area: 600 sqm
	Budgetary allocation (Capital cost):	146 /- lakhs
	Budgetary allocation (O & M cost):	15 lakhs p.a.
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 %
	Disposal of the construction waste debris:	Use for filling on same plot
Waste generation in the operation Phase:	Dry waste:	898
	Wet waste:	1325
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30 kg/day
	Others if any:	E waste : 1087 kg/year

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Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	mechanical composting unit
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	mechanical composting unit
	Others if any:	E waste- through authorized vendor
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	35 sqm
	Area for machinery:	100 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	35 lakhs
	O & M cost:	5 /- lakhs p.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.5 -8.5	6.5-7.5	Not applicable
2	BOD	mg/l	200-300	<10	<30
3	COD	mg/l	350-450	<30	not more than 250
4	TSS	mg/l	250	<10	not more than 100
5	TDS	mg/l	---	<1000	Not applicable
6	Oil and grease	mg/l	<50	<5	Not applicable

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

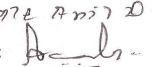
38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

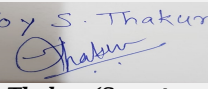
 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 21, 2020	Page 65 of 71	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		

43.Green Belt Development	Total RG area :	4561.91
	No of trees to be cut :	29
	Number of trees to be planted :	614
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	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	Acrus sapota	Chikku	23	Fruit bearing tree,attracts birds
2	Syzygium cumini	Jambhul	23	Fruit bearing tree,attracts birds
3	Mangifera indica	Mango	23	Fruit bearing tree,attracts birds
4	Arthocarpus heterophyllus	Phanus	23	Fruit bearing tree
5	Carica papaya	Papaya	23	Fruit bearing tree
6	Murraya panuculata	Kunti	23	Blooms through out the year, flowers with excellent fragrance
7	Annona reticulata	Ramphal	23	Fruit Bearing Tree
8	Khaya grandis	Khaya	22	Fruit Bearing Tree, shady, deciduous
9	Tectona grandis	Saag	23	Deciduous , flowering tree
10	Muntingia calabura	Singapore cherry	22	Fast growing,medium size, fruit bearing tree,attract birds
11	Nyctanthesarbor-tristis	Prajakta	22	Fragrant Flowers
12	Saraca indica	Sita ashok	23	Evergreen tree with rounded crown and hardy tree
13	Anthocephyallus cadamba	Kadamb	23	Shady large tree, ball shaped flowers
14	Grewia tiliaefolia	Dhaman	23	Deciduous, drought resistant
15	Cassia fistula	Bahawa	23	Medium size deciduous tree. Grows in less soil or murum. Full of yellow flowers in summer season.
16	Largerstromia flos-reginae	Largerstromia	22	Medium size grow in dry/ arid climate
17	Michelia champaca	Son chafa	22	Medium size evergreen tree, fragrant yellow flowers
18	Ailanthus excelsa	Maharukh	23	Deciduous quick growing, shady
19	Butea monosperma	Palas	23	Used in forestation of saline and water logged regions

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Shri. Anil Kale (Chairman SEAC-III)

20	Albezzia lebbeck	Shirish	23	Quick growing, hardy, good soil binder, drought tolerant
21	Bahuinia racemosa	Apta	22	Deciduous, drought resistant
22	Cordia	Cordia	22	Fragrant Flowers
23	Azadirachta indica	Neem	23	Medicinal properties, quick growing, good air purifier
24	Pongamia pinnata	Karanj	23	It is larval host of butterflies, nitrogen fixing plant
25	Acrus phyllanthus embilica sapota	Amla	23	Medicinal properties
26	Psidium gujava	Peru	23	Fruit bearing tree, attracts birds
27	Bahuinia purpurea	Kanchan	23	Grow in less soil, drought resistant
45.Total quantity of plants on ground				

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

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

47.Energy

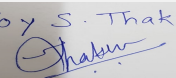
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	5030 KW
	During Operation phase (Demand load):	2415 KW
	Transformer:	4 X 630 KVA and 315 KVA X 1
	DG set as Power back-up during operation phase:	160 KVA X 1 and 320 KVA X 1 and 180 KVA X 1
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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

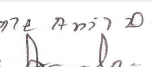
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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1	Solar PV cell	58050 KWH/Anum
2	Timer Logic Controller	95839 KWH/Anum
3	Electronic V3F drive for Lifts	37576 KWH/Annum
4	Solar Water Heater	1110816 KWH/Annum

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water pollution	STP	STP
Solid waste	OWC	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	55 lakhs
	O & M cost:	4 lakhs p.a.

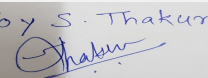
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	dust suppressionmeasures, barricading and top soilpreservation	7.50
2	Site Sanitation & Safety	Mobile STP and proper storm and drainage lines	25.00
3	Disinfection	Pest control	7.50
4	Health check up	Health camp	12.50
5	Environmental monitoring	Air, water, soil and noise monitoring and analysis	2.00

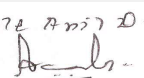
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Installation, construction and operation	146	15
2	Solid Waste Management	Machine and raw material cost , installation and operation	35	5
3	Rain water harvesting	construction of pits, piping , bore well	21	5
4	Rain water harvesting	construction of pits, piping , bore well	21	5
5	Landscape	Plantation , lawn and maintainanace	107	21.50
6	Energy	Energy saving measures	55	4
7	Environmental monitoring	Air, water, soil and noise monitoring and analysis	0	1.60

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Name: K 072 Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

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

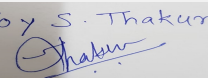
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

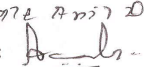
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	Basement no. 2 Area: 13,766.08 sqm
	Number and area of podia:	Podium no. 2 : Area: 26199.02 sqm
	Total Parking area:	46,755.60 sqm
	Area per car:	35 sqm and 30 sqm
	Area per car:	35 sqm and 30 sqm
	Number of 2-Wheelers as approved by competent authority:	1900
	Number of 4-Wheelers as approved by competent authority:	1279
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Yes

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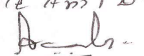
Name: K. Anil Kale

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

	Other Relevant Informations	court case is pending for violation of EIA notification 2006 since 2014. PP started construction of residential building without taking prior Environmental clearance. The construction done was below 20,000 sqm.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 107 Meeting Date: May 21, 2020	Page 70 of 71	Name: K ०१६ Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 54484.06 m², FSI area of 96409.03 m², Non FSI area of 50190.97 m² and total BUA of 146600 m².

The building configuration of the proposal is as below:

Building A, B, C and D :- G/P +P1 +15 (49.95 m)

Building F :- B1+B2+G/P+P1+08 (29 m)

Building G :- B1+B2+G/P+P+08 (20.3 m)

Building H :- G/P + P1+ P 2+21 (69.6 m)

I (1) Wing I -1, Wing I-2 :- G/P + P1+ P2+ 21 (69.6 m)

Club House :- G +1 (7.45 m)

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

DECISION OF SEAC

During discussion following points emerged:

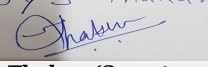
1. PP to submit details of energy saving calculations.
2. PP to undertake that no occupation will be given till sustainable water supply is in place.

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

Specific Conditions by SEAC:


FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

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2020

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