

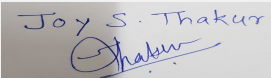
Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Gangadham Towers by M/s Goel Ganga India Pvt Ltd

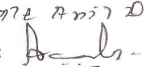
Is a Violation Case: No

1.Name of Project	M/s Goel Ganga India Pvt Ltd through Shri. Atul Goel
2.Type of institution	Private
3.Name of Project Proponent	Shri. Atul Goel
4.Name of Consultant	NABET Accredited EIA Consultant
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Existing EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received vide letter SEAC-III-2015/CR-71/TC-3 dated 17th October 2016
8.Location of the project	S. No. 578/2
9.Taluka	Haveli
10.Village	Bibvewadi
Correspondence Name:	Shri Atul Goel
Room Number:	-
Floor:	3rd Floor
Building Name:	Sanmahu Complex
Road/Street Name:	Bund Garden Road
Locality:	Camp
City:	Pune
11.Area of the project	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Sanction Plan Approved by PMC and HRC approval No - CC/0909/2018 Dated 3-7-2018 HRC-dated 9-3-2018 No 9256
	IOD/IOA/Concession/Plan Approval Number: Sanction Plan Approved by PMC and HRC approval No - CC/0909/2018 Dated 3-7-2018 HRC-dated 9-3-2018 No 9256
	Approved Built-up Area: 124864.65
13.Note on the initiated work (If applicable)	CONSTRUCTION OF A AND B Building is in progress as per EC received • Building A - 15 slab RCC is in progress Area completed -13,401.62 sqm • Building B - 6 th slab RCC is in progress, Area completed - 4710.6 sqm • EWS Building - RCC at Plinth level Area completed -437.94 sqm • Podium Level -4127.95 sqm Area south side 1 st to 4th slab Area North side 1 st to 2nd slabs under construction as on 1st August 2018
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	20,798.00
16.Deductions	1,977.94
17.Net Plot area	18,820.06
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 50,641.85
	b) Non FSI area (sq. m.): 74,222.80
	c) Total BUA area (sq. m.): 124864.65
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): -
	Approved Non FSI area (sq. m.): -
	Date of Approval: 03-07-2018
19.Total ground coverage (m2)	2,447.25
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13%
21.Estimated cost of the project	2731625622


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 1 of 115

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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A Building, 1 number	B1+B2+P1+P2+Podium+26	99.90
2	B Building, 1 number	B1+B2+P1+P2+Podium+26	99.90
3	C Building, 1 number	B1+B2+P1+P2+Podium+26	99.90
4	D Building (EWS), 1 number	P+11	35.90
5	E Building (Commercial), 1 number	P+11	35.97
6	Meditation Hall 1	G	4.5
7	Meditation Hall 2	G	4.5
8	Club House	G+1	7.6

23.Number of tenants and shops	Residential: 314 (260 + 54 EWS) Commercial : 22 offices + 2 meditation halls
24.Number of expected residents / users	Residential: 1570 ,Commercial: 139
25.Tenant density per hectare	167
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 m wide road (Nearest Fire Station - Main Fire Station Ghorpadi peth)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min. 12 m
29.Existing structure (s) if any	Not Any
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

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

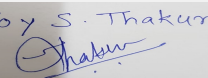
32.Total Water Requirement

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 2 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC
	Fresh water (CMD):	155
	Recycled water - Flushing (CMD):	73
	Recycled water - Gardening (CMD):	25
	Swimming pool make up (Cum):	18 (from tanker)
	Total Water Requirement (CMD) :	271
	Fire fighting - Underground water tank(CMD):	300 (Residential + Commercial), 75 (EWS)
	Fire fighting - Overhead water tank(CMD):	20 m3 per building
	Excess treated water	98
Wet season:	Source of water	PMC
	Fresh water (CMD):	155
	Recycled water - Flushing (CMD):	73
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	18 (from tanker)
	Total Water Requirement (CMD) :	246
	Fire fighting - Underground water tank(CMD):	300 (Residential + Commercial), 75 (EWS)
	Fire fighting - Overhead water tank(CMD):	20 m3 per building
	Excess treated water	123
Details of Swimming pool (If any)	<p>Dimension Of Swimming pool -</p> <ul style="list-style-type: none"> • Main pool Size - 27 x 9 x 1.2m (LxWxD). • Baby pool Size - 7 x 9.45 x 0.6m (LxWxD). • Total water requirement- 332 kld • Water requirement for makeup - 10 kld • Details of Plant & Machinery used for treatment of Swimming pool water: Filter, Self Priming pump, • Control panel for pump, Hair and lint strainer, S/F • main drain in white ABS, S/I vacuum point in white • ABS, inlet point in white ABS, overflow grating. <p>Details of quality to be achieved for swimming pool water and parameters to be monitored: pH and Chlorine</p>	

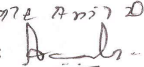
33.Details of Total water consumed

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

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 3 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Fresh water requirement	Not applicable	172	172	Not applicable	17	17	Not applicable	155	155
Domestic	Not applicable	73	73	Not applicable	7	7	Not applicable	66	66
Gardening	Not applicable	25	25	Not applicable	25	25	Not applicable	00	00

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10 to 13m BGL post monsoon
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	Total 10 pits
	Size of recharge pits :	1.2 x 1.2 x 2.5 m depth and recharge bore of 15 m depth
	Budgetary allocation (Capital cost) :	22 lakh
	Budgetary allocation (O & M cost) :	0.66 lakh/annum
	Details of UGT tanks if any :	Residential & Commercial: Domestic 223 KLD Flushing 86 KLD Fire 300 KL EWS: Domestic 36 KLD Flushing 12 KLD Fire 75 KL

35.Storm water drainage	Natural water drainage pattern:	As per natural contour
	Quantity of storm water:	2912.74 m3 incremental run-off
	Size of SWD:	650 mm diameter with Slope 1:150

Sewage and Waste water	Sewage generation in KLD:	173 (residential + commercial) & 33 (EWS)
	STP technology:	Residential +Commercial: RMBR, EWS: MBBR
	Capacity of STP (CMD):	2 Nos of STPs, Residential and Commercial: 200 KLD, EWS: 35 KLD
	Location & area of the STP:	As per Master layout
	Budgetary allocation (Capital cost):	Residential + commercial: 55.72 lakh & EWS: 9.75 lakh
	Budgetary allocation (O & M cost):	Residential + commercial: 13.11 lakh/annum & EWS: 5.5 lakh/annum

36.Solid waste Management

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 4 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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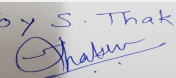
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Domestic waste: 50 Kg/day, Construction waste: Quantity of excavation: 33,519 m ³ & quantity to be consumed within site 13,638 m ³ remaining quantity will be disposed as per C&D Rules, 2016
	Disposal of the construction waste debris:	Domestic waste will be handed over to local body and excess excavation material will be disposed as per C&D Rules, 2016
Waste generation in the operation Phase:	Dry waste:	335 kg/day
	Wet waste:	485 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	10 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	will be handed over to SWACH
	Wet waste:	Treated within site in Organic waste converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure and rest will be handed over to nursery
	Others if any:	E waste will be handed over to authorised agency
Area requirement:	Location(s):	Near Residential and Commercial STP
	Area for the storage of waste & other material:	24.02 sqm
	Area for machinery:	included in above area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16.40 lakh
	O & M cost:	3.17 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):		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

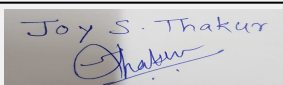
Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 5 of 115


Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

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	2 X 1010 kVA DG set	HSD	1	5	0.015	500C
2	1 X 160 kVA DG set	HSD	1	5	0.015	500C
3	1 X 40 kVA DG set	HSD	1	5	0.015	500C
40.Details of Fuel to be used						
Serial Number	Type of Fuel	Existing	Proposed	Total		
1	HSD	Not applicable	HSD	HSD		
41.Source of Fuel		Authorised dealer				
42.Mode of Transportation of fuel to site		by road				
43.Green Belt Development	Total RG area :	1,882.00 sqm				
	No of trees to be cut :	NA				
	Number of trees to be planted :	250				
	List of proposed native trees :	Provided				
	Timeline for completion of plantation :	Before completion of project				
44.Number and list of trees species to be planted in the ground						
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance		
1	Ailanthus excelsa	Maharukh	36	Deciduous , quick growing, shady tree		
2	Mangifera indica	Mango	19	Fruit bearing tree, attract birds		
3	Anthocephallus cadamba	Kadamb	13	Shady, large tree, ball shaped flowers		
4	Eugenia Jambolana	Jambhul	38	Fruit bearing tree, attract birds		
5	Michelia Champaca	Son chafa	81	Medium size evergreen tree, fragrant yellow flower		
6	Bauhinia racamosa	Apta	12	Deciduous, drought resistant		
7	Saraca indica	Sita Ashok	04	Evergreen tree with rounded crown		
8	Nyctanthes arbor-tristis	Prajakta	13	Fragrant flowers		
9	Plumeria alba	Chapha	02	Hardy plant,Ornamental plant with fragrant flowers		
10	Azadirachta indica	Neem	28	Medicinal properties		
11	Syzygium cumini	Jam/ Jambhul	04	Fruit bearing tree, attracts birds		
45.Total quantity of plants on ground						
46.Number and list of shrubs and bushes species to be planted in the podium RG:						

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 6 of 115

Name: K. Anil Kale

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

Serial Number	Name	C/C Distance	Area m2
1	Thevetia nerifolia	0.9 m	375
2	Stachytarpheta sp.	0.45 m	125
3	Plumbago zeylanica	0.45 m	125
4	Acorus calamus	0.3 m	62.5
5	Korphad	0.3 m	62.5
6	Tulas	0.3 m	62.5
7	Kanher	0.3 m	250
8	Jaswanda	0.3 m	187.5

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	40 kW
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	4805.77 kW
	During Operation phase (Demand load):	1953.31 kW
	Transformer:	• Transformer - A,B,C: 630 KVA X 3 • Transformer - EWS: 150 KVA X 1NO • Transformer - Commercial: 150 KVA X 1NO
	DG set as Power back-up during operation phase:	1010 kVA X 2 nos., 160 kVA X 1 no., 40 kVA X 1 no
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

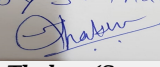
- Auto Timer control for external & Common lighting
- Use of CFL / LED lamps in all public/ common areas.
- Solar powered water heating. & PV Cells
- Electronic V3F Drives for Elevators

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV & water heating	Timer control, V3F driver lifts

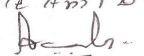
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Solid waste	Not applicable	OWC

Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 17, 2018

Page 7 of
 115

Name: K. Anil Kale

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Solar PV: 112.5 Lakh, solar water heating: 57.06 lakh
	O & M cost:	Solar PV: 3.98 Lakh/annum, solar water heating: 2.92 lakh/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 and water	Dust suppression measures & barricading	27.5
2	Socio	Site Safety	21.34
3	Socio	Site Sanitation	5.86
4	Socio	Disinfection	4.94
5	Socio	health check-up	0.60
6	Environmental monitoring	from MoEF&CC Approved Lab	4.68

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	STP 1	55.72	13.11
2	Sewage	STP 2	9.75	5.5
3	Solid waste	OWC	16.4	3.17
4	Storm Water	RWH System	22.00	0.66
5	Green Belt	Landscape development	27.10	5.56
6	Renewable	Solar PV	112.5	3.98
7	Renewable	Solar Water Heating	57.06	2.92
8	Swimming Pool	Swimming Pool	17.96	3.90
9	EHS	Safety training and awareness	11.7	2.3

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

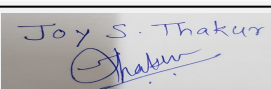
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

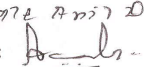
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 8 of 115

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

Parking details:	Number and area of basement:	2 basements having area 17,939.56 sq m
	Number and area of podia:	1 podium having area 8969.78
	Total Parking area:	35,879.12 sq m
	Area per car:	35 sq m for basement and 30 sq m for covered parking
	Area per car:	35 sq m for basement and 30 sq m for covered parking
	Number of 2-Wheelers as approved by competent authority:	738
	Number of 4-Wheelers as approved by competent authority:	1043
	Public Transport:	PMPML Bus stop available
	Width of all Internal roads (m):	12 m internal road
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	Spl. Civil Suit no 828/2013 CJSD and First Civit Appeal Number 837/2013 At High Court Mumbai pending for decision. However, these cases are not related to environment.
	Other Relevant Informations	We have obtained previous EC vide letter SEAC-III-2015/CR-71/TC-3 dated 17th October 2016 and construction work on site is in progress as per EC. Now seeking amendment in EC.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 9 of 115	Name: K. Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Environment Clearance for Gangadham Towers at S. No. 578/2, Bibvewadi Tal-Haveli dist-Pune by M/s Goel Ganga India Pvt Ltd.

PP submitted their application for prior Environmental clearance for total plot area of 20798.00 Sq. Mtrs, BUA of 124864.65 Sq. Mtrs and FSI area of 50641.85 Sq. Mtrs and Non FSI area of 74222.80 sq mtrs.

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

DECISION OF SEAC

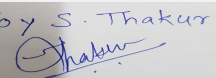
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit site specific EMP with costing.
- 2) PP to submit revised plan of SWD & sewer line connectivity up to final disposal point with chamber, invert level details.
- 3) PP to submit design details of STP.
- 4) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018. With details of agreement with executor
- 5) PP to submit revised RG plan.
- 6) PP to ensure that the plantation of additional local native tree species.
- 7) PP to submit indemnity bond for project land.
- 8) PP to submit revised disaster management plan with costing.
- 9) PP to submit water supply NOC.
- 10) PP to submit drainage NOC.
- 11) PP to submit E-WASTE NOC.

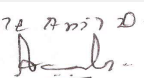
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 10
of 115

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

Agenda of 73rd Meeting of SEAC-3 (DAY-3)

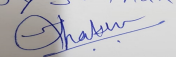
SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Minor Modernization in previous EC

Is a Violation Case: No

1.Name of Project	Gagan Unnati
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sushil Agarwal
4.Name of Consultant	NA
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Minor Modernization in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance is obtained for existing project vide No. SEIAA - EC - 000000206 dated 12 March 2018 for 46557.9 sq.m
8.Location of the project	S. No. 56, Hissa No. 8,9 (P) , 10 (P) , Katraj Kondhwa Road , Kondhawa Budruk, Pune 411048
9.Taluka	Haveli
10.Village	NA
Correspondence Name:	Mr. Mitesh Shah
Room Number:	15/B
Floor:	2nd
Building Name:	Wellesley Court
Road/Street Name:	Wellesley Road
Locality:	Camp
City:	Pune
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Yes
	IOD/IOA/Concession/Plan Approval Number: Sanction Plan is approved from PMC vide No. CC/2464/17 dated 28.12.2017
	Approved Built-up Area: 48672.71
13.Note on the initiated work (If applicable)	Total Constructed work 43918.91 sq.m as per sanction plan vide no. CC/2792/16 dated 6.12.2016
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	AS per previous EC - 23400 sq.m, Total - 23400 sq.m
16.Deductions	AS per previous EC - 11323.63 sq.m, Total - 11323.63 sq.m
17.Net Plot area	AS per previous EC - 12076.37 sq.m, Total - 12076.37 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 23931.14 sq.m
	b) Non FSI area (sq. m.): 24741.57 sq.m
	c) Total BUA area (sq. m.): 48672.71
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 23931.14 sq.m
	Approved Non FSI area (sq. m.): 24741.57 sq.m
	Date of Approval: 28-12-2017
19.Total ground coverage (m2)	As per previous EC - 3951.71 sq.m, Total - 2098.92 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	As per previous EC - 16.88 %, Total - 17.38 % sq.m
21.Estimated cost of the project	800000000

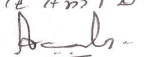
22.Number of buildings & its configuration

Joy S. Thakur


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 11 of 115

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	As per Previous EC - B1 + B2 + G + 20 , Total - B1 + B2 + G + 20	69.80
2	B	As per Previous EC - B1 + B2 + G + 20 , Total - B1 + B2 + G + 20	69.80
3	C	As per Previous EC - B1 + B2 + G + 20 , Total - B1 + B2 + G + 20	69.80
4	D (MHADA)	As per Previous EC - P + 6 , Total - P + 6	20.25
5	E	As per Previous EC - G + 2 (Row Houses) , Total - G + 6	24.0
6	Recreational Hall	As per Previous EC - G + 0 , Total - G + 0	11.58

23.Number of tenants and shops As per previous EC - (Residential - 204, MHADA - 24, Commercial - 1142.40 sq.m) , Total - (Residential - 206, MHADA - 24, Commercial - 1424.00 sq.m)

24.Number of expected residents / users As per previous EC - (Residential - 1020, MHADA - 120, Commercial - 380) , Total - (Residential -1042 , MHADA - 120, Commercial - 475)

25.Tenant density per hectare 250 tenements / hectore

26.Height of the building(s)

27.Right of way (Width of the road from the nearest fire station to the proposed building(s)) 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 4 buildings A ,B ,C ,D (Mhada), Recreational Hall as per previous EC

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

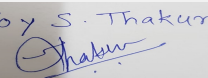
31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA

32.Total Water Requirement

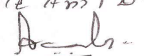
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 12 of 115	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC
	Fresh water (CMD):	As per previous EC - 114 KLD, Total - 116.71 KLD
	Recycled water - Flushing (CMD):	As per previous EC - 73 KLD, Total - 79.54 KLD
	Recycled water - Gardening (CMD):	As per previous EC - 13 KLD, Total - 13 KLD
	Swimming pool make up (Cum):	As per previous EC - 2 KL , Total - 2 KL
	Total Water Requirement (CMD) :	As per previous EC - 200 KLD, Total - 209 KLD
	Fire fighting - Underground water tank(CMD):	As per previous EC - 300 KLD, Total - 300 KLD
	Fire fighting - Overhead water tank(CMD):	As per previous EC - 20 KLD/building, For MHADA - 10 KLD , Total - 20 KLD/building, For MHADA - 10 KLD
	Excess treated water	As per previous EC - 89 KLD, Total - 98 KLD
Wet season:	Source of water	PMC
	Fresh water (CMD):	As per previous EC - 114 KLD, Total - 116.71 KLD
	Recycled water - Flushing (CMD):	As per previous EC - 73 KLD, Total - 79.54 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	As per previous EC - 2 KL , Total - 2 KL
	Total Water Requirement (CMD) :	As per previous EC - 187 KLD, Total - 196.25 KLD
	Fire fighting - Underground water tank(CMD):	As per previous EC - 300 KLD, Total - 300 KLD
	Fire fighting - Overhead water tank(CMD):	As per previous EC - 20 KLD/building, For MHADA - 10 KLD , Total - 20 KLD/building, For MHADA - 10 KLD
	Excess treated water	As per previous EC - 103 KLD, Total - 111 KLD

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

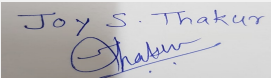
Page 13 of 115

Name: K. Anil Kale

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

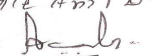
Details of Swimming pool (If any)	Dimension of Main Swimming Pool: 12 m X 6 m X 1.2 m Area of Main Swimming pool - 72 sq.m Total water Requirement in KL: - 85 KL Water requirement for make up in KLD: 2 KLD
	Details of Plant & Machinery used for treatment of Swimming pool water: High rate sand filter, multi-port valve, hair & lint strainers, pump, floor drains, vacuum points, & floor inlets. Details of quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values 1 pH Value 7.2 to 7.5 2 Total alkalinity (as CaCO ₃), mg/l 50 to 500 mg/l 3 Aluminium (As Al), mg/l 0.1 4 Total residual chlorine, mg/l a) Inlet max 0.5 mg/l b) Outlet min 0.2 mg/l 5 Total dissolved solids, mg/l 1500 mg/l 6 Chlorides (as Cl), mg/l 500 7 Colour, Hazen Units 10 8 Turbidity, NTU 10 9 Coli forms (MPN) <10 per 100 ml

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	114 KLD	3 KLD	117 KLD	11 KLD	0.3 KLD	11.3 KLD	103 KLD	2.7 KLD	105.7 KLD
Gardening	13 KLD	NA	13 KLD	13 KLD	NA	13 KLD	NA	NA	NA


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	6.6 m below ground
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	25
	Size of recharge pits :	2 m x 1.2 m x 1 m
	Budgetary allocation (Capital cost) :	Rs. 10.0 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.0 Lakh/yr.
	Details of UGT tanks if any :	Capacity of UGT for A,B,C,E building : Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	10,000 Kl/yr.
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	As per previous EC - 159 KLD , Total - 165 KLD
	STP technology:	FAB
	Capacity of STP (CMD):	STP 1 - 160 KLD , STP 2 - 20 KLD
	Location & area of the STP:	Please refer Service Layout
	Budgetary allocation (Capital cost):	Rs. 40 Lakh
	Budgetary allocation (O & M cost):	Rs. 8.0 Lakh/yr.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of raw material
	Disposal of the construction waste debris:	Excavated earth material will be used for filling a material for plinth area and top soil for landscaping
Waste generation in the operation Phase:	Dry waste:	As per previous EC - 238 kg/day, Total - 277 kg/day
	Wet waste:	As per previous EC - 344 kg/day, Total - 376 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	E waste - Residential - 581 kg/yr. Commercial - 475 kg/yr.
SEAC-III	17, 2016	07/115 SEAC-III

Mode of Disposal of waste:	Dry waste:	Through authorized vendour - Janadhar Seva Sangha
	Wet waste:	Through mechanical composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	NA
Area requirement:	Location(s):	Please refer service layout
	Area for the storage of waste & other material:	56.82 sq.m
	Area for machinery:	13.18 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 15 Lakh
	O & M cost:	Rs. 6.0 Lakh/yr.

37. Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	---	7.0 - 8.5	6.5 - 7.5	---
2	COD	mg/lit	300 - 400	less than 30	Not to exceed 100 mg/ lit.
3	BOD	mg/lit	250 - 300	less than 5	Not to exceed 10 mg/ lit.
4	TSS	mg/lit	350 - 450	less than 5	Not to exceed 50 mg/ lit.
5	Oil & Grace	mg/lit	10	less than 5	---
6	TDS	mg/lit	-----	less than 1000	-----
7	Total Nitrogen	mg/lit	40 - 50	less than 10	---
8	Amonical Nitrogen	mg/lit	204 - 300	less than 1	---
9	Total Phosphate	mg/lit	205 - 300	less than 2	---
10	Feacal 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

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 16 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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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	LSD	86 lit./hr	NA	42.6 lit./hr @ 75 % loading

41.Source of Fuel NA

42.Mode of Transportation of fuel to site NA

43.Green Belt Development	Total RG area :	1941.79 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	292
	List of proposed native trees :	As per below list
	Timeline for completion of plantation :	Till mid of construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ficus retusa	Nandruk	10	Shady tree good for road side plantation
2	Bauhenia recemosa	Apta	7	Drought resistant, good air purifier & have medicinal properties
3	Butea monosparma	Palas	25	Good for water logged regions, have medicinal properties & larval host for butterflies
4	Largerstromia speciosa	Flos reginae	14	Used as avenue tree & also used in small gardens
5	Michelia champaca	Son chafa	24	Good for ornamental purpose
6	Pongamia pinnata	Karanj	9	oily leaves profuse white flowers . Good for ecological restoration
7	Anthocephalus kadamba	Kadamb	32	Good for road side plantation
8	Azadiracta indica	Neem	33	Air purifier & medicinal properties
9	Nyctanthes arboritis	Parijatk	13	Delightfully fragrant tree
10	Albizia lebbek	Shirish	22	Shady tree
11	Cassia fistula	Bahava	15	Larval host for butterflies, grows in less
12	Largerstromia speciosa	Flos reginae	15	Used as avenue tree & also used in small gardens
13	Erythrina indica	Pangara	18	Quick growing & have orange flowers
14	Ficus retusa	Nandruk	3	shady tree & good for road side plantation

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 17 of 115	Name: K 072 Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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15	Bauhenia recemosa	Apta	8	Drought resistant, good for air purifier , & have medicinal properties
16	Butea monosparma	Palas	8	Good for water logged regions, have medicinal properties & larval host for butterflies
17	Michelia champaca	Son chafa	21	Good for ornamental purpose
18	Albizia lebbek	Shirish	15	Shady tree & Use for road side plantation

45.Total quantity of plants on ground

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

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

47.Energy

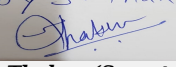
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	2100 KW
	During Operation phase (Demand load):	1030 KW
	Transformer:	630 KVA x 2 No.
	DG set as Power back-up during operation phase:	250 KVA X 1 No. 45 KVA X 1 No.
	Fuel used:	42.6 Lit. /hr. @ 75 % loading
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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


49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV panels	20250 KWH/ Anum

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 18 of 115

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

2	Timer logic controller	79169 KWH/Anum
3	Electronic V3F drive for lifts	26684 KWH/Anum
4	Solar Water Heater	401940 KWH/Anum
5	Total Saving	528043 KWH/Anum (16.33 %)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage generation	STP	STP
Wet Garbage	OWC	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 71 Lakh
	O & M cost:	Rs. 3.5 Lakh/yr.

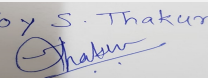
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression measures & Barricades	2.0
2	Site Safety	Nets & Barricades	3.0
3	Site sanitation	Provide public toilets	1.5
4	Disinfection & Health check up	Health check up camp for labours	2.0
5	Environmental Monitoring	Air, Water , Noise monitoring	1.0

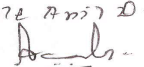
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (including external drainage connection)	To treat waste water	40.0	8.0
2	Rain water harvesting	To save water	10.0	1.0
3	Solid waste management	Wet waste convert it into manure & dry waste disposed off through vendor	15.0	6.0
4	Storm water networking	Collection of rain water	15.0	1.0
5	Swimming Pool	----	25.0	5.0
6	Landscape development	To maintain greenary	16.0	9.0
7	Energy Saving	To save Electrical energy	71.0	3.5
8	Environmental Monitoring	Monitoring of Air, Water , Noise	---	1.6
9	Safety training & awarness	Safety Training for labour	5.0	----

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 19 of 115

Name: K. Anil Kale

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

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

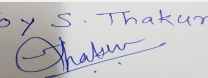
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

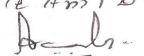
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	17541.8 sq.m
	Area per car:	Basement 35 sq.m , Closed - 30 sq.m, open - 25 sq.m
	Area per car:	Basement 35 sq.m , Closed - 30 sq.m, open - 25 sq.m
	Number of 2-Wheelers as approved by competent authority:	623
	Number of 4-Wheelers as approved by competent authority:	435
	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	8a (B2)
	Court cases pending if any	NA
	Other Relevant Informations	NA

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 20
of 115

Name: K. Anil Kale

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

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	10-04-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Minor Modernization in previous EC at S. No. 56, Hissa No. 8,9 (P) , 10 (P) , Katraj Kondhwa Road , Kondhawa Budruk, Pune by Gagan Unnati.

PP submitted their application for prior Environmental clearance for total plot area of 23400 Sq. Mtrs, BUA of 48672.71 Sq. Mtrs and FSI area of 23931.14 Sq. Mtrs and Non FSI area of 24741.57 sq mtrs.

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

DECISION OF SEAC

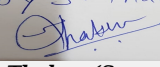
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit solid waste management & debris management plan.
- 2) PP to ensure extra car & motor bike to be accommodate due to commercial development needs to be clearly indicate as there seems to be no space available in premises.
- 3) Commercial unit parking & traffic to be completely isolate as residential area shown above.
- 4) PP to submit revised parking layout plan & parking statement for newly proposed commercial & residential building.
- 5) PP to submit cross section of commercial building.
- 6) PP to submit drainage NOC.
- 7) PP to submit revised EMP considering cost of laying drainage line.
- 8) PP to submit phase wise programme.
- 9) PP to submit revised list of trees and increase the no of fruit bearing trees.
- 10) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018. With details of agreement with executor.
- 11) PP to submit water supply NOC.
- 12) PP to submit E-waste NOC.


FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 21 of 115

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

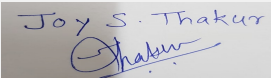
Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Proposed Commercial Project "Avishkar Arista" at S. No.28/3/1, Damodar Nagar , Old Nagar-Mundhwa Road, Off Nagar Road ,Tukaram Nagar ,Kharadi 14. ,Kharadi, Pune By M/s. Avishkar Arista Developers LLP

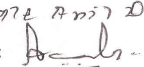
Is a Violation Case: No

1.Name of Project	"Avishkar Arista" by Avishkar Arista Developers LLP
2.Type of institution	Private
3.Name of Project Proponent	Mr. Mohnish Advani
4.Name of Consultant	VK:e Environmental LLP , Pune
5.Type of project	Commercial 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	S.No.28/3/1, Damodar Nagar , Old Nagar-Mundhwa Road, Off Nagar Road ,Tukaram Nagar ,Kharadi ,Pune. 411014
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Mohnish Advani
Room Number:	Office no. T-7
Floor:	-
Building Name:	Jeejeebhoy Towers
Road/Street Name:	S. No. 157A,
Locality:	Ghorpadi Gaon
City:	Pune
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: In 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.)	8094.50 Sq.m
16.Deductions	DP road widening- 522.07, Area for 9 m wide road- 280.27, Gross area of plot- 7292.16, Amenity Space- 1094
17.Net Plot area	6198.34 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15782.14
	b) Non FSI area (sq. m.): 14759.47
	c) Total BUA area (sq. m.): 30541.61
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: 28-08-2018
19.Total ground coverage (m2)	2614.59
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.2 %
21.Estimated cost of the project	800000000.00


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 22 of 115

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

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Commercial Bldg.	2 B + LG+UP+2 floor+2 Parking floor+ 6 floors	41.7
23. Number of tenants and shops	Shops- 100 no. Offices- 171 no. Restaurant- 7 no.		
24. Number of expected residents / users	Commercial- Shops- Fixed- 93 no. Floating- 843 no. Offices- Fixed-868 no. Visitors- 87 no. Restaurant- Fixed- 50 no. Floating- 157 no. Fixed- 1011 Floating - 1087 Total- 2098		
25. Tenant density per hectare	NA		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	Width of road from nearest fire station is 30 m wide DP road.		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	For easy access of fire tender 9m turning radius will be provided.		
29. Existing structure (s) if any	Yes. Old structures present on site		
30. Details of the demolition with disposal (If applicable)	Old structure to be demolished.		

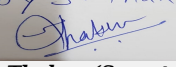
31. Production Details

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

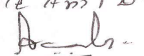
 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 23 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC							
	Fresh water (CMD):	34							
	Recycled water - Flushing (CMD):	37							
	Recycled water - Gardening (CMD):	7							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	78							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	11							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	34							
	Recycled water - Flushing (CMD):	37							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	71							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	18							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

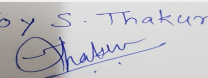
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 24 of 115

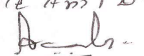
Name: K. Anil Kale

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon : 20-28 m bgl , Post monsoon : 5-6 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	3 No. of recharge pits
	Size of recharge pits :	2 m x 2 m x 3 m
	Budgetary allocation (Capital cost) :	3,60,000 /-
	Budgetary allocation (O & M cost) :	60,000/-
	Details of UGT tanks if any :	Raw water storage= 34 KLD Treated water storage= 34 KLD Fire fighting water storage = 200 KLD
35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours
	Quantity of storm water:	169 m ³ /hr
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	64
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	64
	Location & area of the STP:	On ground, Area is 64 Sq.mtr
	Budgetary allocation (Capital cost):	15,00,000/-
	Budgetary allocation (O & M cost):	3,00,000/-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	20 kg/day (Dry waste- 8 kg/day, Wet waste-12 kg/day)
	Disposal of the construction waste debris:	The maximum construction waste will be used within the site for leveling purpose and base course preparation of internal approach roads, surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	Dry waste:	325 kg/day
	Wet waste:	251 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	7 kg/ day
	Others if any:	E-waste- 3 kg/day

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 25 of 115

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

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling & disposal purpose
	Wet waste:	Wet waste will be treated in onsite organic waste converter machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Handed over to authorized recyclers for further handling & disposal purpose
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	8 sq.m
	Area for machinery:	28 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12,75,000/-
	O & M cost:	2,86,668 /-

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

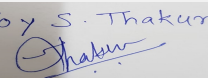
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set	102.7ltr/hr/dg@ 75% loading	3	30	0.254	496

40. Details of Fuel to be used

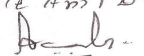
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	Not applicable	Not applicable

41. Source of Fuel: Nearest Diesel Pump Station

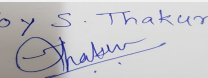
Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 26 of 115

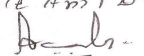
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

42.Mode of Transportation of fuel to site		By Road		
43.Green Belt Development	Total RG area :	R.G. Area- 729.37 Sq.mt.		
	No of trees to be cut :	00		
	Number of trees to be planted :	No. of trees to be planted- 57 no.		
	List of proposed native trees :	Refer Below list:		
	Timeline for completion of plantation :	Till operation phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	8	Auspicious, Attracts Birds/Bees/Butterflies, Hanging or weeping growth
2	Lagerstromia speciosa	Taman	8	Creates Shade, Attracts Birds/ Butterflies/Bees, Good for Screening
3	Saraca Asoca	Sita Ashoka	10	Fragrant flowers or leaves, Attracts Birds/ Butterflies/Bees, Deep-Green, Shiny foliage
4	Plumeria alba	Chafa	5	Fragrant flowers or leaves, Attracts Birds/ Butterflies/Bees, Quick growing, use for pooja
5	Millingtonia hortensis	Buch	12	Fragrant flowers or leaves, Plant for Pooja, Evergreen tree
6	Syzygium cumini	Jamun	6	Fruit plant, Fragrant flowers or leaves, Attracts Birds/ Butterflies/Bees
7	Caryota Urens	Fish Tail Palm	8	Fragrant flowers or leaves, Attracts Birds/ Butterflies/Bees, Evergreen 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	NA	NA	NA	
47.Energy				

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 27 of 115

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	20.21 KVA
	DG set as Power back-up during construction phase	1 X 25 KVA
	During Operation phase (Connected load):	2097.72 KW
	During Operation phase (Demand load):	1409.65 KW
	Transformer:	3 nos. X 630 KVA & 1 no. X 315 KVA
	DG set as Power back-up during operation phase:	3 X 625 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar PV Panels
 Use of synchronization and variable speed drives
 Use of LED fittings and copper ballasts
 Use of BEE certified motors
 Total Energy Saving 2.4 % Energy saving due to Solar- 1% of connected load

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels, Use of synchronization and variable speed drives, Use of LED fittings and copper ballasts, Use of BEE certified motors	1% of connected load

50. Details of pollution control Systems

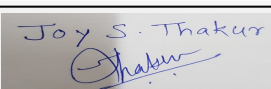
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16,00,000/-
	O & M cost:	48,000/- per year

51. Environmental Management plan Budgetary Allocation

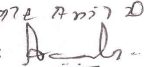
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	6.8
2	Land	Labour Camp toilets & sanitation	4.8


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 28 of 115

Name: K. Anil Kale

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

3	Health and Safety	Personal Protective Equipment	4.0
4	Health and Safety	Health checkup & Disinfection	0.51
5	Environment Management	Environment management cell	1.75
6	Environmental Monitoring	Environmental Monitoring	1.85

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	STP-MBBR Technology	15	3
2	Solid Waste Management	OWC	12.75	2.86
3	Landscaping	Development and Maintenance	14	0.91
4	Rain Water Harvesting	2 Recharge pits	3.6	0.6
5	Energy Saving	Solar PV panels	16	0.48
6	Environmental Monitoring	-	-	1.8

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

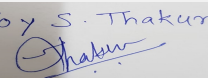
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

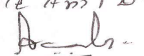
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Proposed site is located at Kharadi. The road network within the site has been designed to cater to the traffic loads of the project.
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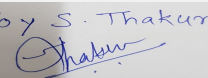
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 29 of 115

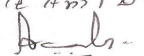
Name: K. Anil Kale

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

Parking details:	Number and area of basement:	2 no. of Basement Area is- 5229.18 sq. mtr
	Number and area of podia:	NA
	Total Parking area:	7274.2 sq.m
	Area per car:	30 sq.m
	Area per car:	30 sq.m
	Number of 2-Wheelers as approved by competent authority:	1192
	Number of 4-Wheelers as approved by competent authority:	354
	Public Transport:	NA
	Width of all Internal roads (m):	6 m wide internal road and 9 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	8(a) Building & Construction Project
	Court cases pending if any	NA
	Other Relevant Informations	NO
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 30 of 115

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

Environment Clearance for Proposed Commercial Project "Avishkar Arista" at S. No.28/3/1, Damodar Nagar, Old Nagar-Mundhwa Road, Off Nagar Road ,Tukaram Nagar ,Kharadi 14. ,Kharadi, Pune By **M/s. Avishkar Arista Developers LLP.**

PP submitted their application for prior Environmental clearance for total plot area of 8094.50 Sq. Mtrs, BUA of 30541.61 Sq. Mtrs and FSI area of 15782.14 Sq. Mtrs and Non FSI area of 14759.47 sq mtrs.

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

DECISION OF SEAC

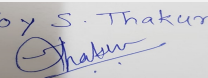
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to ensure that ramp level at basement -1 & basement -2 to be shown minimum 4.5 m width and slope 1:10.
- 2) PP to submit revised parking layout plan.
- 3) PP to submit parking statement & area per car as per norms.
- 4) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 5) PP to submit CFO NOC.
- 6) PP to submit tree cutting NOC.
- 7) PP to submit revised RG plan, with providing additional local fruit bearing trees.
- 8) PP to provide exhaust for basement parking.

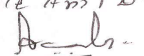
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 31
of 115

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

Agenda of 73rd Meeting of SEAC-3 (DAY-3)

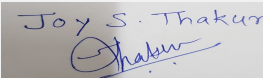
SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Residential & Commercial Construction Project

Is a Violation Case: No

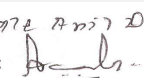
1.Name of Project	Gagan Nulife
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sushil Agarwal
4.Name of Consultant	EMP consultant: Pollution And Ecology Control Services, accredited by NABET , (The scope of consultancy is limited to preparation of environmental management plan only.) In accordance with EIA amendment notification 3rd March 2016.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of Existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance has been obtained for existing project vide no. SEAC - 2013/CR-476/TC-2 dated 26 July 2016
8.Location of the project	Gat No. 106/1, 106/2, 161/2, 161/1/3 & 243/2 (P)
9.Taluka	Maval
10.Village	Khadkale, & Kushgaon (Kh.)
Correspondence Name:	Mr. Mitesh Shah
Room Number:	-
Floor:	2nd Floor
Building Name:	Wellesley Court
Road/Street Name:	Wellesley Road
Locality:	Camp
City:	Pune
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Sanction plan approved from local Authority PMRDA IOD/IOA/Concession/Plan Approval Number: Approved Sanction plan vide no. BMA/C.R. No. 254 / 16 - 17 Mouza - Khadkale dated 28.7.2017 Approved Built-up Area: 62816.35
13.Note on the initiated work (If applicable)	Construction as per previous EC vide No. SEAC-2013/CR-476/TC-2 dated 26 July 2016 is 44753.83 sq.m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	As per previous EC - 38500 sq.m, Total - 52350 sq.m
16.Deductions	As per previous EC - 13605.36 sq.m, Total - 1772.31 sq.m
17.Net Plot area	As per previous EC - 24894.64 sq.m, Total - 50577.69 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): As per previous EC - 42852.15 sq.m, Total - 65369.14 Sq.m
	b) Non FSI area (sq. m.): As per previous EC - 32813.07 sq.m, Total - 36254.85 Sq.m.
	c) Total BUA area (sq. m.): 101623.99
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 39237.45 sq.m
	Approved Non FSI area (sq. m.): 23578.90 sq.m
	Date of Approval: 28-07-2017
19.Total ground coverage (m2)	As per previous EC - 4948 sq.m, Total - 9610.82 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	As per previous EC - 19.87 %, Total - 18.36 %
21.Estimated cost of the project	2300000000

22.Number of buildings & its configuration


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 32 of 115

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

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A - 1	As per previous EC - P + 6, Total - B + P + 11	34.80
2	Building B - 1	As per previous EC - P + 10, Total - B + P + 11	34.80
3	Building C - 1	As per previous EC - P + 10, Total - B + P + 10	31.90
4	Building D - (D1, D2, D3)	As per previous EC - G + 10, Total - G + 10	31.90
5	Building E - (E1, E2, E3)	As per previous EC - G + 10, Total - G + 10	31.90
6	Building F - 1	As per previous EC - NA, Total - B + P + 11	34.80
7	Building G - 1	As per previous EC - NA, Total - B + P + 11	34.80
8	Row Houses - 17	As per previous EC - NA, Total - G + 1	6.70
9	Amenity Building A - 1	As per previous EC - G + 7, Total - B + B + G + 5	24.61
10	Amenity Building B - 1	As per previous EC - NA, Total - B + P + 7	23.20

23.Number of tenants and shops As per previous EC Residential - 637 tenements, Total - 915 tenements, As per previous EC Commercial - 37379.46 sq.m, Total Commercial - 13602.83 sq.m

24.Number of expected residents / users As per previous EC Residential - 3185 , Total Residential - 4575 , As per previous EC Commercial - 550 , Total Commercial - 2755

25.Tenant density per hectare 250 tenements / hec.

26.Height of the building(s)

27.Right of way (Width of the road from the nearest fire station to the proposed building(s)) 15 m

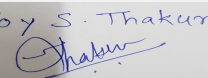
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation 9 m

29.Existing structure (s) if any Construction as per previous EC obtained vide no. SEAC-2013/CR - 476/TC -2 dated 26th July, 2016 is 44753.83 sq.m.

30.Details of the demolition with disposal (If applicable) Not applicable

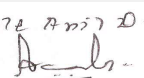
31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA

Joy S. Thakur

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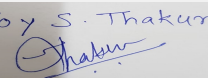
SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 33 of 115

Name: K. Anil Kale

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

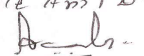
32.Total Water Requirement

Dry season:	Source of water	Grampanchayat Khadkale
	Fresh water (CMD):	As per previous EC - 322.35 KLD, Total - 480.63 KLD
	Recycled water - Flushing (CMD):	As per previous EC - 163.55 KLD, Total - 260.98 KLD
	Recycled water - Gardening (CMD):	As per previous EC - 68 KLD, Total - 30.42 KLD
	Swimming pool make up (Cum):	As per previous EC - 6 KLD, Total - 4.5 KLD
	Total Water Requirement (CMD) :	As per previous EC - 553.9 KLD, Total - 772.03 KLD
	Fire fighting - Underground water tank(CMD):	200 KLD
	Fire fighting - Overhead water tank(CMD):	25 KLD for Resi. & 20 KLD for Amenity
	Excess treated water	As per previous EC - 205.76 KLD, Total - 376.04 KLD
Wet season:	Source of water	Grampanchayat Khadkale
	Fresh water (CMD):	As per previous EC - 322.35 KLD, Total - 480.63 KLD
	Recycled water - Flushing (CMD):	As per previous EC - 163.55 KLD, Total - 260.98 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	As per previous EC - 6 KLD, Total - 4.5 KLD
	Total Water Requirement (CMD) :	As per previous EC - 485.9 KLD, Total - 741.61 KLD
	Fire fighting - Underground water tank(CMD):	200 KLD
	Fire fighting - Overhead water tank(CMD):	25 KLD for Resi. & 20 KLD for Amenity
	Excess treated water	As per previous EC - 273.76 KLD , Total - 406.47 KLD

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

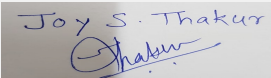
Page 34 of 115

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

Details of Swimming pool (If any)	<p>Dimension of Swimming Pool: 8 m x 17 m x 1.25 m depth Total water Requirement in KLD: 1, 87,000 Ltrs. Water requirement for make up in KLD: 5,000 Ltr</p> <p>Characteristics Optimum Values Frequency of Monitoring</p> <ol style="list-style-type: none"> 01. pH Value 7.2 to 7.6 Daily 02. Aluminium (As Al), mg/l 0.1 mg/l Fortnightly 03. TOTAL RESIDUAL CHLORINE <ol style="list-style-type: none"> 3a. Inlet maximum 0.5 mg/1 Daily 3b. Outlet minimum 0.2 mg/1 Daily 3c. Super-chlorination at least 3.0/5.0 ppm (mg/1) 3d. Shock Treatment (heavy algae) at least 10 ppm (mg/1) 04. TOTAL DISSOLVED SOLIDS less than 1500 ppm (mg/1) Fortnightly 05. CHLORIDES (as Cl) 500 mg/1 Fortnightly 06. Colour, Hazen Units 10 Fortnightly 07. Turbidity, NTU 10 Fortnightly 08. COLIFORMS (MPN) <10 per 100 ml Fortnightly 09. CYANURIC ACID (Stabiliser) less than 100 ppm (mg/1) Daily 10. CALCIUM HARDNESS 200 ppm Maximum weekly
	<ol style="list-style-type: none"> 02. Aluminium (As Al), mg/l 0.1 mg/l Fortnightly 03. TOTAL RESIDUAL CHLORINE <ol style="list-style-type: none"> 3a. Inlet maximum 0.5 mg/1 Daily 3b. Outlet minimum 0.2 mg/1 Daily 3c. Super-chlorination at least 3.0/5.0 ppm (mg/1) 3d. Shock Treatment (heavy algae) at least 10 ppm (mg/1) 04. TOTAL DISSOLVED SOLIDS less than 1500 ppm (mg/1) Fortnightly 05. CHLORIDES (as Cl) 500 mg/1 Fortnightly 06. Colour, Hazen Units 10 Fortnightly 07. Turbidity, NTU 10 Fortnightly 08. COLIFORMS (MPN) <10 per 100 ml Fortnightly 09. CYANURIC ACID (Stabiliser) less than 100 ppm (mg/1) Daily 10. CALCIUM HARDNESS 200 ppm Maximum weekly

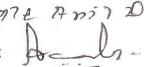
33. Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	286.65 KLD	193.98 KLD	480.63 KLD	28.6 KLD	19.39 KLD	48.06 KLD	258.05 KLD	174.59 KLD	432.57 KLD
Gardening	68 KLD	30.42 KLD	98.42 KLD	68 KLD	30.42 KLD	98.42 KLD	NA	NA	NA


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 35 of 115

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon - 6 - 8 m, pre monsoon - 15 - 20 m
	Size and no of RWH tank(s) and Quantity:	Dia. - Around 6 m & Depth - Around 8 m , 1 collection tank
	Location of the RWH tank(s):	please refer RWH layout
	Quantity of recharge pits:	30 Nos.
	Size of recharge pits :	2.0 m X 2.0 m
	Budgetary allocation (Capital cost) :	Rs. 20.0 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.0 Lakh /yr.
Details of UGT tanks if any :	Capacity of UGT for residential : Raw water storage tank - 308.81 KL Treated water storage tank - 308.81 KL Fire fighting storage tank - 200 KL Capacity of UGT for Commercial : Raw water storage tank - 51.65 KL Treated water storage tank - 51.65 KL	
35.Storm water drainage	Natural water drainage pattern:	Local seasonal stream
	Quantity of storm water:	65.43 m3/min.
	Size of SWD:	200 mm - 900 mm
Sewage and Waste water	Sewage generation in KLD:	667.44 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 nos. Residential - 560 KLD, Commercial - 120 KLD
	Location & area of the STP:	Location as per Layout. Area of residential STP - 186 sq.m, Area of commercial STP - 60 sq.m
	Budgetary allocation (Capital cost):	Rs. 112 Lakh
	Budgetary allocation (O & M cost):	Rs. 65 Lakh/yr.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of waste material
	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinth area & top soil for Landscaping
Waste generation in the operation Phase:	Dry waste:	Residential - 800 Kg/day, Commercial - 482 Kg/day
	Wet waste:	Residential - 1305 Kg/day, Commercial - 207 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Residential - 34 Kg/day , Commercial - 8 Kg/day
	Others if any:	E waste: - Residential - 2287.5 Kg/yr, Commercial - 2755 kg/yr
Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 36 of 115
		Signature:  Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Through Authorized vendor
	Wet waste:	Through mechanical composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Residential - 34 Kg/day , Commercial - 8 Kg/day
	Others if any:	NA
Area requirement:	Location(s):	As per Layout
	Area for the storage of waste & other material:	Residential - 30 sq.m, Commercial - 8 sq.m
	Area for machinery:	Residential - 50 sq.m, Commercial - 10 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 40 Lakh
	O & M cost:	Rs. 21 Lakh/yr.

37. Effluent Characteristics

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

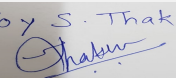
NA

Disposal of the ETP sludge

NA

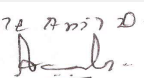
38. Hazardous Waste Details

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

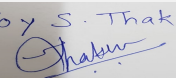
Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 37 of 115

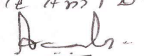
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

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	NA	NA	NA	NA	NA	NA
40.Details of Fuel to be used						
Serial Number	Type of Fuel	Existing	Proposed	Total		
1	LSD	170.9	8.0	178.9		
41.Source of Fuel		NA				
42.Mode of Transportation of fuel to site		NA				
43.Green Belt Development						
Total RG area :		5091.75 sq.m				
No of trees to be cut :		NA				
Number of trees to be planted :		668 Nos. of trees				
List of proposed native trees :		As per below				
Timeline for completion of plantation :		Till mid of construction				
44.Number and list of trees species to be planted in the ground						
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance		
1	Aegle marmelos	Baelpatra	3	Medicinal & Religious importance		
2	Azadirachta indica	Neem	30	Medicinal properties		
3	Bauhinia tomentosa	Piwala Kanchan	26	Small flowering Tree		
4	Bauhinia variegata	Kanchan	81	Flowering shade tree		
5	Bixa orellana	Lipstick tree	20	small flowering tree		
6	Butea monosparma	Palash	3	Brilliant seasonal flowering		
7	Caryota urens	Fish Tail Palm	26	Low leaf fall		
8	Cassia fistula	Amaltas	20	Brilliant seasonal flowering		
9	Cordia sebestena	Orange cordia	3	Spectacular flowering native species		
10	Dillenia indica	Chalta	62	Evergreen shade tree		
11	Emblica officinalis	Awala	20	Fruit bearing tree, attracts birds		
12	Erythrina indica	Pangara	10	Brilliant seasonal flowering		
13	Largerstroemia flos reginae	Tamhan	95	Official State tree		
14	Mangifera indica	Mango	1	Fruit bearing tree attracts birds		
15	Manilkara sapota	Chikoo	2	Fruit bearing tree, attracts birds		
16	Michelia champaca	Sonchafa	75	Fragrant flowering Tree		
17	Mimusops elengi	Bakul	49	Fragrant flowering tree		
18	Moringa olifera	Drumstick Tree	17	Medicinal properties, native species		

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 38 of 115

Name: K. Anil Kale

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

19	Morus alba	Mulberry	5	Fruit bearing tree, attracts birds
20	Muntingia calabura	Cherry	7	Fruiting for birds
21	Nyctanthes arbortrystis	Parijat	42	Fragrant flowers, native species
22	Plumeria alba	chafa	16	temple tree
23	Pongamia glabra	Karanj	11	Native evergreen tree
24	Psidium guajava	Peru	8	Fruit bearing tree, attracts birds
25	Pterospermum acerifolium	Kanak Champa	15	Pollinated by bats
26	Saraca indica	Sita ashok	31	Small flowering tree

45.Total quantity of plants on ground

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

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

47.Energy

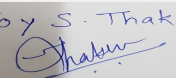
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	62.5 KVA x 1 No.
	During Operation phase (Connected load):	5578 KW
	During Operation phase (Demand load):	3041 KW
	Transformer:	630 KVA X 5 No.
	DG set as Power back-up during operation phase:	320 KVA x 1 No. , 750 KVA X 2 no.
	Fuel used:	52.4 lit./hr. for 320 KVA & 126.4 lit./hr.for 750 KVA
	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

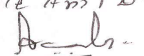
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV panels	41040 KWH/ / Anum
2	Timer Logic Controller	73229 KWH / Anum

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 39 of 115

Name: K 072 Anil D.

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

3	Electronic V3F drive for lifts	64260 KWH / Anum
4	Solar Water Heater	1592100 KWH / Anum
5	Total	1770630 KWH / Anum (16.67 %)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste water generation	STP	STP
Wet garbage	OWC	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 231 Lakh
	O & M cost:	Rs. 9.5 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 & Barricades	3.0
3	Site Sanitation	public Toilet	2.0
4	Disinfection & Health Check Up	Sprinkling of Pesticides & health camp for workers	2.0
5	Environmental Monitoring	Analysis of Air, Water, Noise	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	112.0	65.0
2	RWH	to collect rain water	20.0	1.0
3	Solid Waste Management	to treat wet waste	40.0	21.0
4	Storm Water Management	to collect rain water	156.0	2.0
5	Landscape	to maintain greenary	93.0	9.0
6	Energy Saving	to save electrical energy	231.0	9.5
7	Environment Monitoring	Air, Water, Noise monitoring	----	1.50
8	Swimming pool	----	32.0	2.60
9	NA	NA	NA	NA

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 40 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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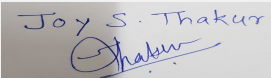
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

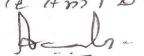
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	8 Nos. & Area - 8148.2 sq.m
	Number and area of podia:	NA
	Total Parking area:	28534.4 sq.m
	Area per car:	25 sq.m, 30 sq.m, 35 sq.m
	Area per car:	25 sq.m, 30 sq.m, 35 sq.m
	Number of 2-Wheelers as approved by competent authority:	2167 Nos.
	Number of 4-Wheelers as approved by competent authority:	619 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 a (B2)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 41 of 115

Name: K. Anil Kale

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

	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
Environment Clearance for Residential & Commercial Construction Project at Gat No. 106/1, 106/2, 161/2, 161/1/3 & 243/2 (P) by Gagan Nulife (Mr. Sushil Agarwal)		
<p>PP submitted their application for prior Environmental clearance for total plot area of 52350 Sq. Mtrs, BUA of 101623.99 Sq. Mtrs and FSI area of 65369.14 Sq. Mtrs and Non FSI area of 36254.85 sq mtrs</p> <p>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>		
DECISION OF SEAC		
<i>PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.</i>		
Specific Conditions by SEAC:		
<ol style="list-style-type: none"> 1) PP to submit an indemnity bond for project land and amalgamation of land. 2) PP to submit phase wise programme along with mitigation measures to avoid inconvenience to resident. 3) PP to submit six monthly compliance report. 4) PP to submit revised drawing of UGT considering future development. 5) PP to submit hydrogeological report. 6) PP to submit sewer line connectivity up to final disposal point with details of the inverts level of Municipal sewer line. 7) PP to submit revised details of SWD showing chamber details. 8) PP to submit fire tender movement plan. 9) PP to submit cross section of buildings. 10) PP to submit parking layout plan showing clear width 6 m. 11) PP to submit parking statement with area per car as per norms. 12) PP to submit STP details. 13) PP to submit CFO NOC. 		
FINAL RECOMMENDATION		
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.		

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 42 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Expansion of Proposed Residential & Commercial project " Gandharva Excellence" at Gat no. 160 & 161, Near Modern college of pharmacy, Moshi-Chikhali road , Boradewadi, Moshi, Pune

Is a Violation Case: No

1.Name of Project	Expansion of Proposed Residential & Commercial project " Gandharva Excellence" at Gat no. 160 & 161, Near Modern college of pharmacy, Moshi-Chikhali road , Boradewadi, Moshi, Pune
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vinayak Bhongale
4.Name of Consultant	J M EnviroNet Pvt Ltd -Ms. Sayali Jagtap(EIA Coordinator)
5.Type of project	Hosing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. EC letter no. SEAC-2212/CR-82/TC-2 dated 25th January, 2016.
8.Location of the project	Gat no. 160 & 161, Near Modern college of pharmacy, Moshi-Chikhali road , Boradewadi, Moshi, Pune
9.Taluka	Haveli
10.Village	Borhadewadi, Moshi
Correspondence Name:	Mr. Vinayak Bhongale
Room Number:	12
Floor:	-
Building Name:	Shopping complex
Road/Street Name:	Gandharva Nagari, Pune-Nashik highway
Locality:	Moshi
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	IOD received IOD/IOA/Concession/Plan Approval Number: BP/LAYOUT/ENV/MOSHI/02/2015 Approved Built-up Area: 74212.26
13.Note on the initiated work (If applicable)	Total Existing built up area : 51447.23 sq. m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MHADA letter No.PUM/Ka/A-1/3678 dated 28/05/18
15.Total Plot Area (sq. m.)	30400 sq. m
16.Deductions	4424.71 sq. m
17.Net Plot area	25975.30 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 42,209.61sq. m b) Non FSI area (sq. m.): 48702.19 sq. m c) Total BUA area (sq. m.): 90911.80
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 35922.42 sq. m Approved Non FSI area (sq. m.): 38289.84 sq. m Date of Approval: 18-04-2015
19.Total ground coverage (m2)	5049.97 sq.mt
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.44 %
21.Estimated cost of the project	743800000

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 43 of 115	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	Basement + Ground + 11	35.80
2	Wing B	Parking + 12 floors	34.80
3	Wing C	Basement + Parking + 12	36
4	Wing D	Parking + 12 floors	34.80
5	Wing E	Basement + Parking + 12	36
6	Wing F	Parking + 12 floors	34.80
7	Wing G	Parking + 12 floors	34.80
8	Wing H	Parking + 12 floors	36
9	Wing I	Parking + 12 floors	34.80
10	Wing J	Parking + 12 floors	34.80
11	Commercial A	Ground	3.00
12	Club house	Ground +1	7.75

23.Number of tenants and shops	Residential : 738 Commercial shops : 20 no's
24.Number of expected residents / users	Residential : 3690 no's Commercial floating population : 80
25.Tenant density per hectare	250 Tenant/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))	From 24 M Dehu Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	As per earlier EC Bldg. B, D, F, G, I, J and Club House completed on site.
30.Details of the demolition with disposal (If applicable)	NA

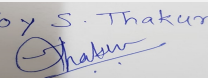
31.Production Details

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

32.Total Water Requirement

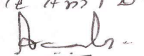
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 44 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	334.50							
	Recycled water - Flushing (CMD):	167.25							
	Recycled water - Gardening (CMD):	17							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	518.75							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	221.85							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	334.50							
	Recycled water - Flushing (CMD):	167.25							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	501.75							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	238.85							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 45 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

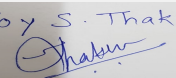
34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon 4.35 meter Pre monsoon 9.35 meter
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	9 no's
	Size of recharge pits :	Pit 2*2*2 meter Bore well 0.180 meter diameter and 60 meter depth silting chamber 1*1*1
	Budgetary allocation (Capital cost) :	Rs. 4,00,000/-
	Budgetary allocation (O & M cost) :	Rs. 45,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 501.75 KLD (UGWT 1 : 219.60 + UGWT 2 : 282.15) Flushing tank Capacity(cum) : 268.19 KLD (UGWT 1: 109.80 + UGWT 2 : 158.39) Fire UG tank Capacity (cum) : 300 KLD

35. Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	24.38 m3 per min
	Size of SWD:	-

Sewage and Waste water	Sewage generation in KLD:	451.58 KLD
	STP technology:	MBBR technology
	Capacity of STP (CMD):	STP 1 - 210 KLD STP 2 - 260 KLD
	Location & area of the STP:	Area : 215 sq.m
	Budgetary allocation (Capital cost):	STP 1 - Rs. 22,00,000/- STP 2 - Rs. 24,50,000/-
	Budgetary allocation (O & M cost):	STP 1 - Rs.8,65,000/- STP 2 - Rs. 10,68,000/-

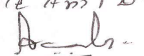
36. Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Used within site premises
Waste generation in the operation Phase:	Dry waste:	750 kg/day
	Wet waste:	1115 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	120 kg/day
	Others if any:	NA

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 46
of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	To authorized vendor
	Wet waste:	Treatment of OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as a manure
	Others if any:	NA
Area requirement:	Location(s):	Sown in layout
	Area for the storage of waste & other material:	Existing - 10sq.m Proposed 53 sq.m
	Area for machinery:	Proposed - 47 sq. m Existing - 25 sq.mt
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	OWC 1 - Rs. 8,96,000/- OWC 2 - Rs.17,65,000/-
	O & M cost:	OWC 1 - 2,50,000/- OWC 2 Rs. 4,94,000/-

37. Effluent Characteristics

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

38. Hazardous Waste Details

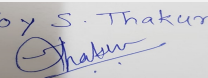
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

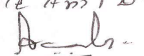
40. Details of Fuel to be used

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 47 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	2886.38 sq.m.
	No of trees to be cut :	0
	Number of trees to be planted :	325 no's
	List of proposed native trees :	Attached below
	Timeline for completion of plantation :	Up to completion of project

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ficus Benjamina	Weeping fig	52	Evergreen tree, Native, can be pruned and given topiary effect.
2	Murraya Paniculata	Kinti	40	Small tree, Evergreen, fragrant white flowering
3	Albizzia lebbbeck	Shirish	50	Shady tree, yellowish green fragrant flowers
4	Azardirachta indic	Neem	89	Large tree ,good for roadside plantation
5	Cassia Fistula	Bahava	56	Deciduous, Native, flowering
6	Saraca Asoka	Ashoka	38	Shady tree with red-yellow flowers

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 48 of 115	Name: K 072 Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	3812.28 KVA
	During Operation phase (Demand load):	2096.4 KVA
	Transformer:	3 x 630 KVA & 1 x 315 KVA
	DG set as Power back-up during operation phase:	320 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

1. Use of LED lamps for common area (Club House,, Landscape, Children Play, Community Hall, Gym)
2. Stair-case, Lift lobby, passage, Shops, parking area lightings etc
3. Solar Hot water system
4. Street Lights.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED lamps + Common area lighting + Street lights + Solar hot water system	24 %

50. Details of pollution control Systems

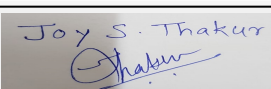
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.80,00,000/-
	O & M cost:	Rs.4,50,000/-

51. Environmental Management plan Budgetary Allocation

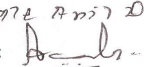
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Erosion control - dust suppression measures and barricading	Rs. 1,06,000 /-
2	Land	Site Sanitation	Rs.26,500 /-
3	Health & safety	Site Safety	Rs.88,000 /-
4	Environment management	Environmental Monitoring	Rs. 1,20,000/-


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 49 of 115

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

5	Health & safety	Disinfection and Health Check-ups	Rs. 45,000 /-
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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	Sewage Treatment Plant	2 STP's	Rs. 46,50,000 /-	Rs. 19,33,000 /-
2	Rain Water Harvesting	9 pits	Rs. 4,00,000/-	Rs. 45,000/-
3	Solid Waste Management	2 OWC's	Rs. 26,61,000 /-	Rs. 7,44,000 /-
4	Green Belt Development	325 trees	Rs. 95,37,000 /-	Rs.13,37,000 /-
5	Energy details	DG, Solar system	Rs. 80,00,000 /-	Rs. 4,50,000/-
6	Environmental Monitoring	EMP costing	-	Rs. 1,20,000/-

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

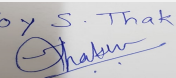
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

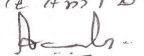
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	24 m existing Dehu road
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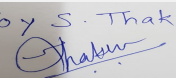
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 50 of 115

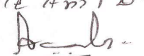
Name: *Kale Anil D.*
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	1 No. Area - 4680.05 sq.mt
	Number and area of podia:	1 No. Area - 3509.33 sq.mt
	Total Parking area:	12595.70 sq.mt
	Area per car:	12.5/Car (as per DCR)
	Area per car:	12.5/Car (as per DCR)
	Number of 2-Wheelers as approved by competent authority:	1518 scooter & 1490 bicycle
	Number of 4-Wheelers as approved by competent authority:	394
	Public Transport:	Pune city buses
	Width of all Internal roads (m):	6.00 m & 7.5 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 51 of 115

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

Environment Clearance for Expansion of Proposed Residential & Commercial project " Gandharva Excellence" at Gat no. 160 & 161, Near Modern college of pharmacy, Moshi-Chikhali road , Boradewadi, Moshi, Pune by Mr. Vinayak Bhongale.

PP submitted their application for prior Environmental clearance for total plot area of 30400 Sq. Mtrs, BUA of 90911.80 Sq. Mtrs and FSI area of 42209.61 Sq. Mtrs and Non FSI area of 48702.19 sq mtrs.

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

DECISION OF SEAC

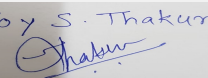
During discussion it is observed that as previous RG was shown on ground as per EC dated 25.1.2016 however PP has shown RG on podium. Committee ask to submit the clarification for the same and come with a fresh proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

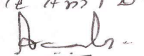
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-1000000150

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 52
of 115

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

Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Application for Environmental Clearance for residential cum commercial project at Lohagaon

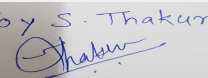
Is a Violation Case: No

1.Name of Project	Residential cum commercial construction project
2.Type of institution	Private
3.Name of Project Proponent	Kalyanee Fortune Properties
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	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat no. 285/1
9.Taluka	Haveli
10.Village	Lohagaon
Correspondence Name:	Mr. Nilesh Agrawal
Room Number:	0
Floor:	2 nd floor
Building Name:	Gulmohar Building
Road/Street Name:	Jane themayya road
Locality:	Camp
City:	Pune
11.Area of the project	Pune Municipal Corporation
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.)	9400
16.Deductions	1410
17.Net Plot area	7990
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15837.33
	b) Non FSI area (sq. m.): 9882.64
	c) Total BUA area (sq. m.): 25720
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)	3052.97
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38.20 %
21.Estimated cost of the project	485000000

22.Number of buildings & its configuration

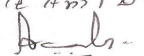
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 53 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A	B +G+10	32	
2	Wing B	B +G+10	32	
3	Club House	G +1	7.65	
23.Number of tenants and shops	Tenements: 368 + 48 (Mhada) = 416 Shops: 19			
24.Number of expected residents / users	Residential: 2080, commercial: 201			
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))	12 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				

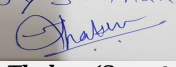
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 54 of 115

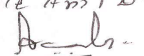
Name: Kote Anil D.

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

Dry season:	Source of water	PMC								
	Fresh water (CMD):	196								
	Recycled water - Flushing (CMD):	99								
	Recycled water - Gardening (CMD):	6								
	Swimming pool make up (Cum):	7								
	Total Water Requirement (CMD) :	301								
	Fire fighting - Underground water tank(CMD):	150								
	Fire fighting - Overhead water tank(CMD):	20/bldg								
	Excess treated water	160								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	196								
	Recycled water - Flushing (CMD):	99								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	7								
	Total Water Requirement (CMD) :	295								
	Fire fighting - Underground water tank(CMD):	150								
	Fire fighting - Overhead water tank(CMD):	20 bldg								
	Excess treated water	166								
Details of Swimming pool (If any)	Size : 3.60 m X 6.1m X 1.20 m Area: 21.96 sqm Water capacity: 26880 lit/day									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	196	196	Not applicable	20	20	Not applicable	176	176	

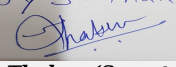
Joy S. Thakur

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SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 55 of 115

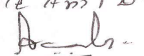
Name: K. Anil Kale

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	18-20 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	4
	Size of recharge pits :	3 m X 2 m X 1.5 m
	Budgetary allocation (Capital cost) :	3.0 /- lakhs
	Budgetary allocation (O & M cost) :	0.50/- Lakhs pa
	Details of UGT tanks if any :	Domestic : 305KL Fire fighting : 150 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	332 m ² /hr
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	265
	STP technology:	MBBR
	Capacity of STP (CMD):	280 (1)
	Location & area of the STP:	As per layout area: 150 sqm
	Budgetary allocation (Capital cost):	70.20 /- lakhs
	Budgetary allocation (O & M cost):	10.50/- lakhs pa
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:	446 kg/day
	Wet waste:	644 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	36.40
	Others if any:	E waste: 1141 kg/year

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 17, 2018

Page 56
 of 115

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

Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Mechanical com[posting 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:	47.5 m2
	Area for machinery:	20 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20.75 /- lakhs
	O & M cost:	4.5 /- lakhs pa

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

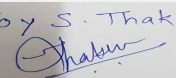
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38. Hazardous Waste Details

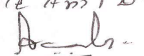
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 57 of 115

Name: K. Anil Kale

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

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

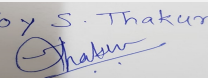
40.Details of Fuel to be used

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 :	924 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	124
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	2 years

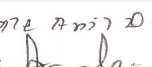
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinia purpurea	Gulabi Kanchan	04	Every part of the plant is medicinal ,Drought tolerant species.
2	Butea monosperma	Palash	04	Medicinal value, Bird attracting species , To control soil erosion.
3	Cassia fistula	Bahawa	05	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
4	Choclospermum religiosum	Sonsawar	04	Medicinal value, Native species
5	Cordia dichotoma	Bhokar	04	Medicinal value, Edible fruits,
6	Dalbergia sissoo	Shisav	08	Medicinal value, Bird attracting species ,
7	Ficus arnottiana	Payar	04	Drought tolerant species, Bird attracting species. To control soil erosion
8	Ficus glomerata	Umber	04	Medicinal value, Edible fruits, Bird attracting species
9	Caryota urens	Fishtail palm	11	Grown in any type of soil. Very Hardy
10	Mangifera indica	Mango	08	Edible fruit, Bird attracting species
11	Michelia champaca	Sonchafa	04	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 58 of 115

Name: K. Anil Kale

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

12	Roystonea regia	Bottle palm	14	Ornamental plant, Medicinal value, Birds & bats eat fruits
13	Syzygium cumini	Jamun	04	Medicinal value, Edible fruit.
14	Azadirachta indica	Neem	04	Medicinal value, To control soil erosion. To improve soil erosion
15	Bahunia racemosa	Apta	04	Every part of the plant is medicinal, Drought tolerant species
16	Caryota urens	Fishtail palm	04	Grown in any type of soil. Very Hardy.
17	Erythrina indica	Pangara	04	Fragrant flowers, Drought tolerant species, Birds attracting
18	Gmelina arborea	Shivan	04	Medicinal value, Drought tolerant species,
19	Nyctanthus arbortristis	Parijatak	04	Fragrant flowers, Medicinal value
20	Putrnjiva roxburghii	Putrnjiva	04	Medicinal value, Drought tolerant species,
21	Schleichera oleosa	Kusum	04	Native species, Fragrant flowers
22	Murraya exotica	Kamini	10	Native species, Fragrant flowers,
23	Aegle marmelos	Bel	04	Medicinal value, Drought tolerant species

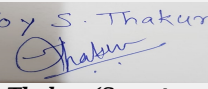
45.Total quantity of plants on ground

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

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):	1189 KW
	During Operation phase (Demand load):	837 KW
	Transformer:	1Nos. of 630 KVA, 1 Nos. of 315 KVA
	DG set as Power back-up during operation phase:	1 Nos. of 160 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 59 of 115

Name: K. Anil Kale

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

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	11475 KWH / Anum
2	Timer Logic Controller	39748 KWH / Anum
3	Electronic V3F drive for Lifts	6535 KWH / Anum
4	Solar Water Heater	723840 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:	77.5/- lakhs
	O & M cost:	2.0 /-lakhs/pa

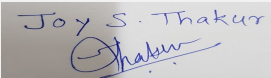
51. Environmental Management plan Budgetary Allocation

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

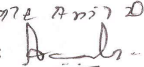
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment	Installation and operation phase	70.20	10.50


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 60 of 115

Name: K. Anil Kale

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

2	Solid waste management	mechanical composting unit installation and operation phase	20.75	4.5
3	Rain water harvesting	construction of recharge pits and bore with internal piping	3.0	0.5
4	Storm water networking	Piping up to final disposal	14.50	1.00
5	Landscape	Plantation	8.96	1.44
6	Energy	energy conservation measures	77.5	2
7	Safety training and awareness	training to residents	9.0	0
8	Environmental monitoring	Air, water, noise and soil monitoring and analysis	0	1.60
9	Water tanker (in case of shortage of water)	Water tanker	0	1.50

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

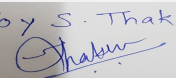
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

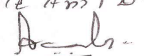
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1
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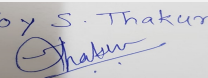
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 61 of 115

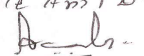
Name: K. Anil Kale

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

Parking details:	Number and area of basement:	3273.63sqm and No. 1
	Number and area of podia:	NA
	Total Parking area:	12503. 40 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:	874
	Number of 4-Wheelers as approved by competent authority:	290
	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		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 62 of 115

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

Environment Clearance for residential cum commercial project at Gat no. 285/1 Haveli Lohagaon by Kalyanee Fortune Properties.

PP submitted their application for prior Environmental clearance for total plot area of 9400 Sq. Mtrs, BUA of 25720 Sq. Mtrs and FSI area of 15837.33 Sq. Mtrs and Non FSI area of 9882.64 sq mtrs.

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

DECISION OF SEAC

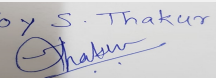
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018. With details of agreement with executor.
- 2) PP to submit CFO NOC.
- 3) PP to submit undertaking for sustainable water supply.
- 4) PP to submit clarification for right of way.
- 5) PP to submit socioeconomic infrastructure in project vicinity.
- 6) PP to submit tree cutting NOC.
- 7) PP to submit an undertaking for environmental parameter.

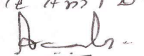
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 63
of 115

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

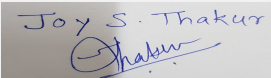
Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Environment Clearance for " Bhalchandra Vihar " Proposed Residential project At Sr.no.109(P), Bhondave Baug , Near S.B.Patil Public School , Ravet, Pune-412101. , By M/s. POLITE BUILDTECH .

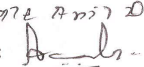
Is a Violation Case: No

1.Name of Project	" Bhalchandra Vihar "
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nandkumar Bhalchandra Bhondave
4.Name of Consultant	Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) - 400604., Maharashtra, India. PH: 91-22-25801529/21/46 Accreditation No : NABET/EIA/1518/RA0066
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Sr.no.109(P), Bhondave Baug , Near S.B.Patil Public School , Ravet, Pune-412101.
9.Taluka	Haveli
10.Village	Ravet
Correspondence Name:	Mr. Nandkumar Bhalchandra Bhondave
Room Number:	Office : 209 & 210,
Floor:	2nd Floor
Building Name:	Ashish Plaza, Plot No, SDC -01
Road/Street Name:	Nr. Bhel Chowk,
Locality:	Nigadi Pradhikaran
City:	Pimpri Chinchwad Municipal Corporation
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Pimpri Chinchwad Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: Sanction no / BP/Ravet/66/2017, Dated : 13/06/2017
	Approved Built-up Area: 42586.73
13.Note on the initiated work (If applicable)	Yes . As per previous sanction
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	In Process
15.Total Plot Area (sq. m.)	16583.73 sq.mt.
16.Deductions	417.01 sq.mt.
17.Net Plot area	16166.72 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21700.45 sq.mt.
	b) Non FSI area (sq. m.): 20886.28 sq.mt.
	c) Total BUA area (sq. m.): 42586.73
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 21700.45sq.mt.
	Approved Non FSI area (sq. m.): 20886.28 sq.mt.
	Date of Approval: 13-06-2017
19.Total ground coverage (m2)	1853.51 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	14 %
21.Estimated cost of the project	785000000


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 64 of 115

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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	B+P+12	36.00 m
2	B	B+P+12	36.00 m
3	C	B+P+12	36.00 m
4	D	B+P+12	36.00 m
5	E	B+P+12	36.00 m
6	M	B+P+9	27.00 m

23.Number of tenants and shops	Tenement : 283 Nos , MHADA : 53- Nos
24.Number of expected residents / users	Residential - 1415 Nos , MHADA - 265 Nos
25.Tenant density per hectare	203 /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))	Nearest fire station distance 5.00 km (Fire Fighting truck & Services)
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	NO
30.Details of the demolition with disposal (If applicable)	NA

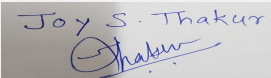
31.Production Details

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

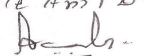
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 65 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	151.20							
	Recycled water - Flushing (CMD):	75.60							
	Recycled water - Gardening (CMD):	21.00							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	247.80							
	Fire fighting - Underground water tank(CMD):	450							
	Fire fighting - Overhead water tank(CMD):	20 For Each Building							
	Excess treated water	84.84							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	151.20							
	Recycled water - Flushing (CMD):	75.60							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	226.80							
	Fire fighting - Underground water tank(CMD):	450							
	Fire fighting - Overhead water tank(CMD):	20 For Each Building							
	Excess treated water	105.84							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 17, 2018

Page 66
 of 115

Name: K. Anil Kale

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon : 7.80 meter , Pre monsoon : 14.99 meter
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	03 Nos
	Size of recharge pits :	1.50 m X 1.50 m X 1.50 m
	Budgetary allocation (Capital cost) :	1.50 Lakh
	Budgetary allocation (O & M cost) :	0.75 Lakhs/Year
Details of UGT tanks if any :	Domestic Capacity (CUM) : Residential -192 KLD MHADA - 36 KLD Total : 228 KLD Flushing Tank Capacity (CUM) : Residential -60 KLD MHADA -18 KLD Total : 114 KLD Fire fighting Tank Capacity (CUM) : 450 CUM	

35.Storm water drainage	Natural water drainage pattern:	West To East
	Quantity of storm water:	8.6 m3/min
	Size of SWD:	450 mm

Sewage and Waste water	Sewage generation in KLD:	204 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	210 KLD
	Location & area of the STP:	As per Drawing
	Budgetary allocation (Capital cost):	66.20 Lakhs
	Budgetary allocation (O & M cost):	10.40 Lakhs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavation - 12912Cum , Filling in Plinth - 13017Cum , Concrete - 19500Cum , Cement Bag - 200000Bag , Steel - 935MT , AAC Blocks - 7200Cum , Flooring & Dado Tile - 57135Sqm , Tile Boxes - 44750Nos , Paint Container - 1570Nos.
	Disposal of the construction waste debris:	Concrete-390 Cum , Cement Bag-200000 Bag , Steel-28 MT , AAC Blocks-144 Cum , Flooring & Dado Tile-1150 Sqm , Tile Boxes-44750 Nos , Paint Container-1570 Nos.

Waste generation in the operation Phase:	Dry waste:	336 kg
	Wet waste:	504 kg
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30.75 kg
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Dry waste will be sent for recycling to agency Swatch
	Wet waste:	Wet waste will be converting to composting for by OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	will be used as manure after treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	As per drawing
	Area for the storage of waste & other material:	16 m ²
	Area for machinery:	48 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16.75 Lakhs
	O & M cost:	3.60 Lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

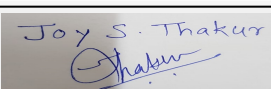
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	300 KVA & 1 no.	HSD	1	3.5	0.1524	509

40. Details of Fuel to be used

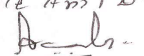
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	-	HSD	HSD

41. Source of Fuel	Near By Pump
42. Mode of Transportation of fuel to site	By Road


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

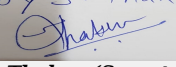
Page 68 of 115

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

43.Green Belt Development	Total RG area :	1621.98 Sqm
	No of trees to be cut :	NA
	Number of trees to be planted :	247 Nos
	List of proposed native trees :	List Mention Below
	Timeline for completion of plantation :	1 Year before completion of work

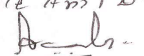
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	ALBIZIA LEBBECK	SHIRISH	15	SHADY TREE, YELLOW GREEN FRAGRANT FLOWER
2	SARACA ASOKA	SITA ASHOK	15	SHADY TREE, WITH RED-YELLOW FLOWER
3	CASSIA FISTULA	BAHAVA	18	MEDIUM SIZE DECIDUOUS TREE . BEAUTIFUL YELLOW FLOWER, BEAUTIFULY HOST PLANT
4	MIMUSOPS ELENGI	BAKUL	10	SHADY TREE, SMALL WHITE FRAGRANT FLOWER
5	NYCTANTHS ARBOR-TRISTIS	PARIJATAK	10	SMALL DECIDUOUS FAST GROWING TREE, BEAUTIFUL FLOWER
6	LAGERSTROEMIA FLOS-REGINEAE	TAMHAN	10	STATE FLOWER TREE OF MAHARASHTRA , MEDIUM SIZE TREE, BAUTIFUL PURPLE FLOWERE
7	BAUHINIA RACEMOSA	APTA	11	SMALL TREE,WITH SMALL WHITE FLOWER, BEAUTIFULY HOST PLANT
8	AZADIRACHTA INDIACA	NEEM	10	SEMI EVERGREEN TREE WITH MEDICAL VALUE
9	BUTEA MONOSPERMA	PALAS / FLAME OF THE FOREST	19	MEDIUM SIZE DECIDUOUS TREE, BEAUTIFUL ORNAGE FLOWER BUTTERFLY HOST PLANT
10	CARYOTA URENS	FISH TAIL PALM	39	TALL EVERGREEN TREE
11	MICHELIA CHAMPACA	SON CHAFA,	19	MEDIUM SIZE EVERGREEN TREE , FRAGRANT YELLOW FLOWER BUTTERFLY HOST PLANT
12	PUTRANJIVA ROXBURGHII	PUTRANJIVA	8	MEDIUM SIZE EVERGREEN TREE
13	PLUMERIA ALBA	WHITE CHAMPA	9	MEDIUM SIZE EVERGREEN TREE , FRAGRANT WHITE FLOWER,
14	MILLINGTONIA HORTENSIS	CORK TREE	11	TALL EVERGREEN TREE WITH FRAGRANT WHITE FLOWERS
15	ARTOCARPUS HETEROPHYLLUS	JACK FRUIT	10	TALL EVERGREEN TREE WITH BIG FRUITS
16	SYZYGIUM CUMINI	JAMUN	10	TALL EVERGREEN TREE WITH FRUITS, BIRD FEEDER

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 69 of 115

Name: K. Anil Kale

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

17	MANGIFORA INDICA	MANGO	7	TALL EVERGREEN TREE WITH FRAGRANT WHITE FLOWERS AND FRUITS
18	POLYALTHIA LONGIFOLIA	ASHOKA	16	TALL EVERGREEN 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	JAI	0.60	105.45
2	RATRANI	0.60	154.31
3	TULSI	0.45	96.01
4	WHITE PLUMBAGO	0.45	89.25
5	KANHER	0.60	208.16
6	TAGAR / CHANDANI	0.60	245.45
7	SPYDER LILY	0.45	156.78
8	WADELIA	0.30	195.58
9	ABELIA	0.30	98.31

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	33 KW
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	1691.45 KW
	During Operation phase (Demand load):	905.13 KVA
	Transformer:	630 KVA * 1 nos & 315 KVA* 1 nos
	DG set as Power back-up during operation phase:	300 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 70 of 115	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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- 1 Timers and contactors will be used to switch on / off common area & external landscape and facade lighting.
- 2 LED fittings will be used for corridors ,Lobbies and common areas.
- 3 Energy efficient LED lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs.
- 4 All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have considered current carrying capacity of all the cables laid through ground/air whichever is minimum.
- 5 100 Ltrs of Solar water is provided for each flat of all buildings .
- 6 Solar PV panel system is proposed for Street lighting & Building common load.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	TOTAL PROJECT SAVINGS IN PERCENT	20%

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:	48.96 Lakhs
	O & M cost:	4.29 Lakhs

51.Environmental Management plan Budgetary Allocation

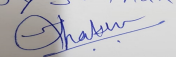
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water	Dust Suppression	0.7
2	Site Sanitation, Health Check Up & Safety	Health & Safety	1.0
3	Environmental Monitoring	Air, Water, Noise Soil	0.4

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air, water, Noise, Soil	Post Project Environment Monitoring	0.00	0.125
2	Water	Rainwater Harvesting	1.50	0.75
3	Wastewater	Sewage Treatment Plant	66.20	10.40
4	Municipal Solid waste	Solid waste Management	16.75	3.91
5	Plantation	Landscaping	40.00	4.50
6	Energy	Energy Savings(Solar Water Heater + Solar PV)	48.96	4.29

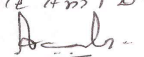
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 71
of 115

Name: K. Anil Kale


Shri. Anil Kale (Chairman
SEAC-III)

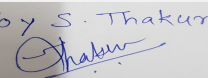
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

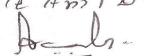
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	No
Parking details:	Number and area of basement:	6 Nos , 4220 Sqm
	Number and area of podia:	4220 Sqm
	Total Parking area:	5026.70Sqm (as per PCMC Norms Excluding Driveway Area) (For Car 167 Nos X 12.5= 2087.50 sqm) (For Scooter 668 Nos X 3.0= 2004.00 sqm) (For Cycle 668 Nos X 1.4= 935.20 sqm) 6778.33 Sqm (Proposed)
	Area per car:	12.50 Sqm
	Area per car:	12.50 Sqm
	Number of 2-Wheelers as approved by competent authority:	668 Nos
	Number of 4-Wheelers as approved by competent authority:	167 Nos
	Public Transport:	Available near to side
	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	NO
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NO
	Other Relevant Informations	NA

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 72 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Environment Clearance for “ Bhalchandra Vihar ” Proposed Residential project at r.no.109(P), Bhondave Baug , Near S.B.Patil Public School , Ravet, Pune-412101. , By M/s. POLITE BUILDTECH .

PP submitted their application for prior Environmental clearance for total plot area of 16583.73 Sq. Mtrs, BUA of 42586.73 Sq. Mtrs and FSI area of 21700.45 Sq. Mtrs and Non FSI area of 20886.28 sq mtrs.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to submit socioeconomic infrastructure in project vicinity.
- 2) PP to obtain specific NOC to lay the all utilities lines across the road.
- 3) PP to submit cross section at 6-7 places showing the space left for SWD, plantation of trees and compound wall
- 4) PP to submit hydrogeological report and explore the possibility whether RWH can do
- 5) PP to shift UGT to suitable location.
- 6) PP to submit revised disaster management plan with disaster management committee.
- 7) PP to ensure that trees to be shifted from STP area.
- 8) PP to submit CFO NOC.
- 9) PP to submit an undertaking for sustainable water supply.
- 10) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018. With details of agreement with executor.
- 11) PP to submit details of ramp width & slope.
- 12) PP to submit parking statement with details of area per car.
- 13) PP to submit revised basement parking layout also submit basement approved plan.

FINAL RECOMMENDATION

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 73 of 115	Name: Kote Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Proposed Residential Project at S. no. 19/1, 19/1A/13, 21/1, 21/2, 21/3, 21/4, 21/5, Baner, Pune by M/s. Supreme Palatial Developers LLP

Is a Violation Case: No

1.Name of Project	Proposed Residential Project at S. no. 19/1, 19/1A/13, 21/1, 21/2, 21/3, 21/4, 21/5, Baner, Pune by M/s. Supreme Palatial Developers LLP
2.Type of institution	Private
3.Name of Project Proponent	Mr Vishal Jumani for M/s. Supreme Palatial Developers LLP
4.Name of Consultant	J M EnviroNet Pvt Ltd -Ms. Sayali Jagtap(EIA Co-ordinator)
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. no. 19/1, 19/1A/13, 21/1, 21/2, 21/3, 21/4, 21/5, Baner, Pune.
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	M/s. Supreme Palatial Developers LLP
Room Number:	A 401,
Floor:	4th
Building Name:	Supreme Square
Road/Street Name:	D.P.Road, Near Parihar Chowk
Locality:	Aundh
City:	Pune 411 007
11.Area of the project	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: Applied Approved Built-up Area:
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	23500 sq. m
16.Deductions	3525 sq. m
17.Net Plot area	19975 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 54930.01 sq. m b) Non FSI area (sq. m.): 58650.00 sq. m (Res.- 57017.61 sq. m + EWS Area - 1632.39 sq. m) c) Total BUA area (sq. m.): 113580.01
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): - Approved Non FSI area (sq. m.): - Date of Approval: 01-01-1900
19.Total ground coverage (m2)	11569.76 sq. M
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.87 %
21.Estimated cost of the project	2154700000

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 74 of 115	Name: K 072 Anil D Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	4 parking + 19 floor	65.95 m
2	Wing B	4 parking + 20 floor	68.90 m
3	Wing C	4 parking + 19 floor	65.95 m
4	Wing D	4 parking + 20 floor	68.90 m
5	Wing E	4 parking + 19 floor	65.96 m
6	EWS Building	Parking + 6 floors	20.80 m
7	Club house 1 & 2	-	8.85 m & 3.6 m

23.Number of tenants and shops	Residential : 568 (544+24)
24.Number of expected residents / users	Residential population : 2840
25.Tenant density per hectare	103.40 T / hect. as per DC rule
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 & 9.00 m Existing DP road & nearest fire stations are Aundh fire station and Pashan Fire station.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	Labour Camps -65 no's
30.Details of the demolition with disposal (If applicable)	Not applicable

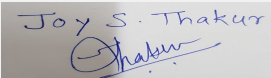
31.Production Details

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

32.Total Water Requirement

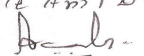

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 75 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC							
	Fresh water (CMD):	264							
	Recycled water - Flushing (CMD):	133							
	Recycled water - Gardening (CMD):	27.23							
	Swimming pool make up (Cum):	25							
	Total Water Requirement (CMD) :	449.23							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	162.87							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	264							
	Recycled water - Flushing (CMD):	133							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	25							
	Total Water Requirement (CMD) :	422							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	190.1							
Details of Swimming pool (If any)	<ul style="list-style-type: none"> • Dimension of Swimming Pool: Main pool : 16.70 x 8 m, Kids Pool : 8.65 x 8 m • Total water Requirement in KLD: 200 Kl • Water requirement for make up in KLD: 25 KLD • Capital Cost: Rs. 25-30 Lakh • O & M cost: - Rs. 90,000 /- per month 								
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

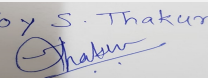

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
 17, 2018**

**Page 76
 of 115**

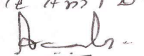
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 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	7-8 m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	07 no's
	Size of recharge pits :	1.2 m x 1.2 m x 3 m depth Bore of 15 m depth at the bottom
	Budgetary allocation (Capital cost) :	Rs. 10,50,000 /-
	Budgetary allocation (O & M cost) :	Rs. 31, 000 /- per year
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 439.58 KLD Flushing tank Capacity(cum) : 153 KLD Fire UG tank Capacity (cum) : 300 KLD
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	14.6 cum /min
	Size of SWD:	450 mm dia
Sewage and Waste water	Sewage generation in KLD:	358.68 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	400 KLD(200 + 200 KLD)
	Location & area of the STP:	Area : 203 sq. m
	Budgetary allocation (Capital cost):	Rs. 93,00,000 /-
	Budgetary allocation (O & M cost):	Rs. 17,45,220 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Will be used within site premises
Waste generation in the operation Phase:	Dry waste:	568 kg/day
	Wet waste:	852 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	60 kg/day
	Others if any:	E-waste : 3.89 kg/day

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 17, 2018

Page 77
 of 115

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

Mode of Disposal of waste:	Dry waste:	To Authorized vendor
	Wet waste:	OWC treatment
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E-waste will be handed over to authorized vendor
Area requirement:	Location(s):	Shown on plan
	Area for the storage of waste & other material:	11.08 sq. m
	Area for machinery:	50.43 sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25,75,000 /-
	O & M cost:	Rs. 5,11,752 /-

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

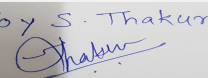
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

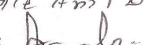
40. Details of Fuel to be used

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		

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 78 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	RG required (10 %) : 1997.50 sq. M RG provided on ground: 2090.32 sq. m RG provided on podium : 905.92 sq. m
	No of trees to be cut :	19
	Number of trees to be planted :	339 (Proposed)
	List of proposed native trees :	List of proposed trees provided below
	Timeline for completion of plantation :	Up to completion of project

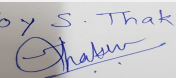
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	21	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	19	Evergreen timber plant, ornamental
3	Mimusopes elengi	Bakul	19	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	19	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	19	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	19	Used in pesticide & dye preparation,
7	Cassia grandis	Pink Shower	19	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sita Ashoka	21	Evergreen medicinal plant
9	Roystonea regia	Royal palm	19	Nitrogen fixer, ornamental plant
10	Neolamarkia cadamba	kadamba Tree	19	Tropical fruit tree & bird attracting tree
11	Mangifera indica	Mango	21	Evergreen & bird attracting tree
12	Pongamia pinnata	karanj	21	Karanj is an important ayurvedic medicine
13	Phyllanthus officinalis	Awala	21	Evergreen medicinal and fruit plant
14	Ocimum tenuiflorum	Ram tulas	21	Holy basil is an important medicinal
15	Azadirachta Indica	Neem	21	Traditional medicinal Plant
16	Albizia lebbek	Shirish	21	Evergreen timber plant, ornamental
17	Erythrina suberosa	Pangara	19	Evergreen & bird attracting tree

45.Total quantity of plants on ground

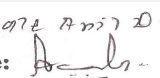
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Duranta erecta	0.30	31.66
2	Duranta repens	0.30	31.66
3	Nerium oleander	0.30	31.66

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 79 of 115

Name: K. Anil Kale

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

4	Tecoma castanifolia	0.30	31.66
5	Tabernaemontana coronatia	0.30	31.66
6	Tabernaemontana divaricata	0.30	31.66
7	Tabernaemontana corymbosa variegated	0.30	31.66
8	Plumbago auriculata	0.30	31.66
9	Cassia biflora	0.30	31.66
10	Bougainvillea glabra	0.30	31.66
11	Allamanda schottii compacta	0.30	31.66
12	Lagestromia indica	0.30	31.66
13	Hamelia patens	0.30	31.66
14	Tecoma stans	0.30	31.66
15	Acalypha wikesiana	0.30	31.66
16	Cortaderia selloana	0.30	31.66
17	Dianella australiana	0.30	31.66
18	Tagetes erecta	0.30	31.66
19	Tecoma capensis	0.30	31.66

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	51.5 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	2099.09 KW
	During Operation phase (Demand load):	1679.27 KW
	Transformer:	4 x 630 KVA
	DG set as Power back-up during operation phase:	2 x 500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

1. Electrical Energy/Annum with use of CFL
2. T5 fittings
3. LED lights & 20% solar lamps
4. Timer for external lighting and common area
5. Solar hot water and part light/fan for each flat)

49. Detail calculations & % of saving:

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 80 of 115	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Energy Conservation Measures	Saving %
1	Electrical Energy/Annum with use of CFL, T5 fittings, LED lights & 20% solar lamps, Timer for external lighting and common area, Solar hot water and part light/fan for each flat)	21.21 %

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:	Energy saving measures : Rs. 35,00,000 /- DG set : Rs.65,00,000 /-
	O & M cost:	Energy saving measures : Rs. 1,75,000 /- DG set : Rs. 3,25,000 /-

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Erosion control - dust suppression measures and barricading	Rs. 1,06,000 /-
2	Land	Site Sanitation	Rs. 26,500 /-
3	Health & safety	Site Safety	Rs.88,000 /-
4	Health & safety	Disinfection and Health Check-ups	Rs. 45,000 /-
5	Environment management	Environmental Monitoring	Rs. 1,20,000 /-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	400 KLD STP(200 +200)	Rs. 93,00,000 /-	Rs. 17,45,220, /-
2	Rain Water Harvesting	07 no's of pits	Rs. 10,50,000 /-	Rs. 31,000 /-
3	Solid Waste Management	OWC	Rs. 25,75,000 /-	Rs. 5,11,752 /-
4	Green Belt Development	339 no's of trees	Rs. 24,71,857.50/-	Rs. 1,88,764.08 /-
5	Energy saving measures	-	Rs. 35,00,000 /-	Rs. 1,75,000 /-
6	DG set	-	Rs. 65,00,000 /-	Rs. 3,25,000 /-
7	Environmental Monitoring	EMP	-	Rs. 1,20,000 /-

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 81 of 115	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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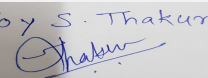
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

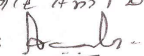
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	24.00 m & 9.00 Existing DP road
Parking details:	Number and area of basement:	Lower Parking & Area : 10136.01 sq .m
	Number and area of podia:	3 podiums & Area : 28940.62 sq. m
	Total Parking area:	39076.63 sq. m
	Area per car:	As per MoEF including driveway : 35 sq. m (for basement), 30 sq. m(Stilt) ; As per DC rule : 12.5 sq. m
	Area per car:	As per MoEF including driveway : 35 sq. m (for basement), 30 sq. m(Stilt) ; As per DC rule : 12.5 sq. m
	Number of 2-Wheelers as approved by competent authority:	Scooters : 1227 , Cycles : 969 no's
	Number of 4-Wheelers as approved by competent authority:	1145 no's
	Public Transport:	Pune City buses
	Width of all Internal roads (m):	6.00 m , 7.50 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 82 of 115

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

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Residential Project at S. no. 19/1, 19/1A/13, 21/1, 21/2, 21/3, 21/4, 21/5, Baner, Pune by M/s. Supreme Palatial Developers LLP.

PP submitted their application for prior Environmental clearance for total plot area of 23500 Sq. Mtrs, BUA of 113580.01 Sq. Mtrs and FSI area of 54930.01 Sq. Mtrs and Non FSI area of 58650 sq mtrs.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018. With details of agreement with executor.
- 2) PP to submit tree cutting NOC.
- 3) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 4) PP to submit parking statement with details of area per car.
- 5) PP to submit revised parking layout.
- 6) PP to submit cross section of UGT with headroom available.
- 7) PP to submit cross section at 4-5 places showing the space left for SWD, plantation of trees and compound wall.
- 8) PP to submit CFO NOC.
- 9) PP to submit revised tree list.

FINAL RECOMMENDATION

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

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 83 of 115	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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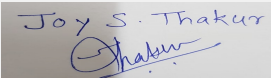
Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for PROPOSED RESIDENTIAL CONSTRUCTION PROJECT AT GAT NO 110P & 112 P AT MAUJE:SOMATANE, TAL: MAWAL, DIST: PUNE

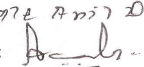
Is a Violation Case: No

1.Name of Project	PROPOSED RESIDENTIAL CONSTRUCTION PROJECT AT GAT NO 110P & 112 P AT MAUJE:SOMATANE, TAL: MAWAL, DIST: PUNE
2.Type of institution	Private
3.Name of Project Proponent	MR. MILIND LUNKAD/MR. ASHWIN LUNKAD
4.Name of Consultant	EMP consultant : Oasis Environmental Foundation, accredited by NABET, the scope of Consultancy is limited to preparation of environmental management plan only. (In accordance with EIA amendment notification 3rd March 2016)
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 110P & 112 P AT MAUJE:SOMATANE,
9.Taluka	MAWAL
10.Village	SOMATANE
Correspondence Name:	NIKHIL AGRAWAL
Room Number:	1
Floor:	2ND FLOOR
Building Name:	MODIBAUGH COMMERCIAL COMPLEX
Road/Street Name:	GANESHKHIND ROAD
Locality:	SHIVAJINAGAR
City:	PUNE
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	IN PROCESS IOD/IOA/Concession/Plan Approval Number: IN PROCESS Approved Built-up Area:
13.Note on the initiated work (If applicable)	NIL
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	PLAN SANCTION FROM PMRDA IS IN PROCESS
15.Total Plot Area (sq. m.)	20000
16.Deductions	3000
17.Net Plot area	17000
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21360 b) Non FSI area (sq. m.): 17943 c) Total BUA area (sq. m.): 39303
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 01-01-1900
19.Total ground coverage (m2)	6481.87
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32.4
21.Estimated cost of the project	700000000


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 84 of 115

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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	WING A	P+10	32.5
2	WING B	P+10	32.5
3	WING C	P+10	32.5
4	WING D	P+10	32.5
5	WING E	P+10	32.5
6	CLUB HOUSE	G+1	6

23.Number of tenants and shops	600
24.Number of expected residents / users	3000
25.Tenant density per hectare	300
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12M
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9M
29.Existing structure (s) if any	NO
30.Details of the demolition with disposal (If applicable)	NO

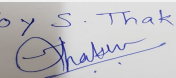
31.Production Details

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

32.Total Water Requirement

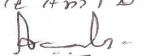
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 85 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	SOMATNE GRAMPANCHAYAT/PMRDA							
	Fresh water (CMD):	272.25							
	Recycled water - Flushing (CMD):	135							
	Recycled water - Gardening (CMD):	32.89							
	Swimming pool make up (Cum):	2							
	Total Water Requirement (CMD) :	442.14							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	198.63							
Wet season:	Source of water	SOMATNE GRAMPANCHAYAT/PMRDA							
	Fresh water (CMD):	272.25							
	Recycled water - Flushing (CMD):	135							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	2							
	Total Water Requirement (CMD) :	409.25							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	231.53							
Details of Swimming pool (If any)	<p>Dimensions of Main Pool: 7.5 m X 12 m X 1.2 m Dimensions of Kids pool: 5m X 5m X 0.6 m Total Water Requirement: 123 CUM Water Requirement for Make Up: 2 CUM/DAY Details of Plant and Machinery used for treatment of water: High rate sand filters, filter media, Self-Priming pump, Control panel for pump, Vacuum fitting Chemicals required for maintaining the Swimming Pool. Disinfection by: Ozonation/ UV Treatment</p>								
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

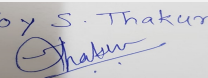
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 86 of 115

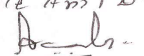
Name: *Kale Anil D.*
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	2M APPROX
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5
	Size of recharge pits :	1.5M X 1.5M X 1.5M
	Budgetary allocation (Capital cost) :	1,25,000
	Budgetary allocation (O & M cost) :	10,000
	Details of UGT tanks if any :	Domestic UG Tank Capacity - 300 m3 Drinking UG tank Capacity - 100 m3 Flushing UG Tank capacity - 150 m3 Fire UG Tank Capacity - 75 m3
35. Storm water drainage	Natural water drainage pattern:	as per contour
	Quantity of storm water:	2.85
	Size of SWD:	450
Sewage and Waste water	Sewage generation in KLD:	366
	STP technology:	MBBR
	Capacity of STP (CMD):	1 X 400 KLD
	Location & area of the STP:	ATTACHED
	Budgetary allocation (Capital cost):	30,00,000
	Budgetary allocation (O & M cost):	3,00,000
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	50 kg/day total solid waste from labour camp.
	Disposal of the construction waste debris:	Debris shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites.
Waste generation in the operation Phase:	Dry waste:	600 KG/DAY
	Wet waste:	900 KG/DAY
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	37 KG/DAY
	Others if any:	NA

Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 17, 2018

Page 87
 of 115

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 treated in Organic waste converter. Manure generated will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure after treatment in OWC or vermicomposting
	Others if any:	NA
Area requirement:	Location(s):	ATTACHED
	Area for the storage of waste & other material:	20
	Area for machinery:	35
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	2,50,000
	O & M cost:	20,000

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

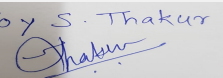
39. Stacks emission Details

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

40. Details of Fuel to be used

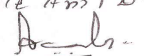
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 88 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	Mandatory RG Area: 2000.00 m2 , Green on peripheral plantation: 808 m2; Total RG Area: 2808 m2. Green Area on Slab: 1877.87 m2
	No of trees to be cut :	0
	Number of trees to be planted :	No. of trees required (1 tree/ 80 SQM of plot area): 250
	List of proposed native trees :	List of proposed trees attached as annexure with form 1 & 1A & Given below
	Timeline for completion of plantation :	4 YRS

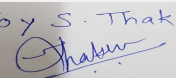
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bahunia purpurea	Gulabi Kanchan	30	Every part of the plant have Medicinal value, Drought tolerant species The tree has grey bark that peels in long fiber,
2	Dalbergia Latifolia	Sitsal	20	Compound leaves,flowering
3	Sapodila	Chikku	10	Fruit bearing plant
4	Saraca indica	Sita ashok	35	Medicinal value, Religious plant
5	Ficus glomerata	Umbur	14	Medicinal value,Edible fruits,bird attractive
6	Plumeria Alba	Chapha	18	Most attractive, large & strongly perfumed white flowers.
7	Plumeria Rubra	Pink Chapha	16	Popular garden & park plant,fragrant flowers.
8	Phyllanthus emblica	Awala	16	Medicinal value, To control soil erosion.
9	Syzygium cumini	Jamun	18	Medicinal value, Edible fruit.
10	Neolamarckia cadamb	Kadamba	6	The flowers attract pollinators
11	Legistroemia speciosa	banabá plant	8	A decoction of the bark is used against diarrhoea and abdominal pains. A leaf poultice is used to relief malarial fever and is applied on cracked feet
12	Mangifera indica	Mango	15	Edible fruit, Bird attracting species
13	Erythrina indica	Indian Koral tree/ Parijat	7	Flower Plant. Attracts insects and birds.
14	Tectona grandis	Teak	6	Tropical hardwood species, Wood use for furniture
15	Ziziphus mauritiana	Ber	5	Fast growing, Hardy plant, Edible fruit
16	Jack Fruit	Fanas	5	Popular food item, fruit edible
17	Michelia champaka	Sonchafa	21	Fragrant flowers, Timber used in wood working

45.Total quantity of plants on ground

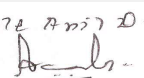
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 89 of 115

Name: K. Anil Kale

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

1	All Shubs & Bushes	Approx. 300 mm	Approx. 1,000
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	1 NOS OF DG OF 250 KVA & 1 NO OF 150 KVA
	During Operation phase (Connected load):	2520
	During Operation phase (Demand load):	972
	Transformer:	2 no. of Transformers of 630 KVA capacity
	DG set as Power back-up during operation phase:	2 nos. of DG sets 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:

1. Timer Logic Controller : 64277 KWH / Anum
 2. Electronic V3F drive for Lifts : 21783 KWH / Anum
 3. Solar Water Heater : 584640 KWH / Anum
 4. Use of CFL / LED lamps in all common areas.
- Total % of Savings: 18 %

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Timer Logic Controller	64277 KWH / Anum
2	Electronic V3F drive for Lifts	21783 KWH / Anum
3	Solar Water Heater	584640 KWH / Anum

50. Details of pollution control Systems

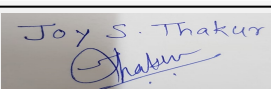
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	35,00,000
	O & M cost:	1,50,000

51. Environmental Management plan Budgetary Allocation

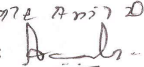
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 90 of 115

Name: K. Anil Kale

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

1	Erosion Control	Water for dust suppression measures & Soil Preservation	0.5
2	Site Safety	Barricading & nets	0.3
3	Site Sanitation	Mobile Toilets etc	1.50
4	Disinfection & Health Check Up	For Labours	1.0
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.7

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Enaergy Saving	Approx. 18%	16.2	1.5
2	STP	Capacity of STP 400 KLD	30.0	3.0
3	OWC/ Vermicomposting	For Wet Waste Generation of 900 kg/day	2.5	0.2
4	Solar Hot Water System	For 30 KLD Capacity	16.5	2.5
5	Rain Water Harvesting	5 nos of recharge pits	1.25	0.1
6	Landscaping	Landscaping Total trees proposed are 250 nos	4	0.4

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

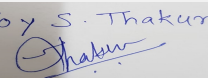
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

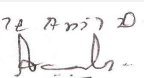
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 12m wide road
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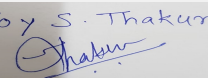
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 91 of 115

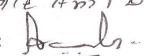
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	Covered parking area - 6140 sqm + open parking area - 2600 sqm = Total parking area 8740 sqm
	Area per car:	30
	Area per car:	30
	Number of 2-Wheelers as approved by competent authority:	750
	Number of 4-Wheelers as approved by competent authority:	123
	Public Transport:	nearest bus stop
	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	
Court cases pending if any	NA	
Other Relevant Informations	NA	
Have you previously submitted Application online on MOEF Website.	No	
Date of online submission	-	
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 92 of 115

Name: K 072 Anil D.

Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for PROPOSED RESIDENTIAL CONSTRUCTION PROJECT AT GAT NO 110P & 112 P AT MAUJE:SOMATANE, TAL: MAWAL, DIST: PUNE by MR. MILIND LUNKAD/MR. ASHWIN LUNKAD.

PP submitted their application for prior Environmental clearance for total plot area of 20000 Sq. Mtrs, BUA of 39303 Sq. Mtrs and FSI area of 21360 Sq. Mtrs and Non FSI area of 17943 sq mtrs.

DECISION OF SEAC

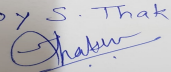
PP remains absent, hence committee decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

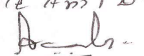
Kindly find SEIAA decision above.

SEAC-AGENDA-00000000150

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 93
of 115

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

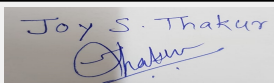
Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Residential Project at Survey No 83 A/4A, Village Mundhawa, Pune

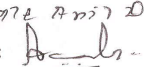
Is a Violation Case: No

1.Name of Project	Residential Project at Survey No 83 A/4A, Village Mundhawa, Pune
2.Type of institution	Private
3.Name of Project Proponent	ESTEEM CONSTRUCTIONS PRIVATE LTD
4.Name of Consultant	Environmental consultant- M/s. Enviro Analysts and Engineers Private Limited. Architect - VOUSOIRS , MEP Consultant - Artech Engineering Solutions
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	Survey No 83 A/4A, Village Mundhwa, Pune
9.Taluka	Haveli
10.Village	Mundhwa
Correspondence Name:	601, Hallmark Business Plaza, Opp. Guru Nanak Hospital, Bandra (East), Mumbai 400 051, Maharashtra, India
Room Number:	601
Floor:	6th Floor
Building Name:	Hallmark Business Plaza
Road/Street Name:	Opp. Guru Nanak Hospital,
Locality:	Bandra (East)
City:	Mumbai
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Layout approval obtained by Pune Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: Layout approval obtained by Pune Municipal Corporation
	Approved Built-up Area: 28361.20
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	12100 sqm
16.Deductions	DP road reservation 309.73 sqm & Parking reservation 646.16 sqm, Total deductions - 955.89 sqm
17.Net Plot area	11144.11 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 28361.20
	b) Non FSI area (sq. m.): 34318.80
	c) Total BUA area (sq. m.): 62680
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 28361.20
	Approved Non FSI area (sq. m.): 34318.80
	Date of Approval: 11-09-2018
19.Total ground coverage (m2)	3322.50 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30% to Net Plot area
21.Estimated cost of the project	1800000000


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 94 of 115

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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type A - 3 No	2 Basement + Stilt 12 Floors	36
2	Type B - 2 No	2 Basement + Ground + 12 Floors	36
3	Type C - 1 No	2 Basement + Ground + 12 Floors	36
4	Type D (LIG) - 1 No	2 Basement + Ground + 11 Floors	33

23.Number of tenants and shops	279
24.Number of expected residents / users	1452
25.Tenant density per hectare	230
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30.0 Meter
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0 Meter
29.Existing structure (s) if any	Not Applicable
30.Details of the demolition with disposal (If applicable)	Not Applicable

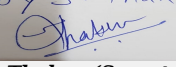
31.Production Details

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

32.Total Water Requirement


 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 95 of 115	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Pune Municipal Corporation								
	Fresh water (CMD):	145								
	Recycled water - Flushing (CMD):	73								
	Recycled water - Gardening (CMD):	5								
	Swimming pool make up (Cum):	1								
	Total Water Requirement (CMD) :	224								
	Fire fighting - Underground water tank(CMD):	100								
	Fire fighting - Overhead water tank(CMD):	10								
	Excess treated water	108								
Wet season:	Source of water	Pune Municipal Corporation								
	Fresh water (CMD):	145								
	Recycled water - Flushing (CMD):	73								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	218								
	Fire fighting - Underground water tank(CMD):	100								
	Fire fighting - Overhead water tank(CMD):	10								
	Excess treated water	113								
Details of Swimming pool (If any)	swimming pool of 10 m wide X 20 m long									
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	

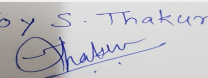
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 96 of 115

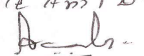
Name: **Kale Anil D.**

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	60 Meter (No ground water upto 15 m as per geotechnical report)
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	3 Numbers
	Size of recharge pits :	2.5 Diameter with 3 Meter Deep
	Budgetary allocation (Capital cost) :	Rs. 6.00 lakhs
	Budgetary allocation (O & M cost) :	Rs. 1.00 lakhs/year
	Details of UGT tanks if any :	Domestic (Potable) water Tank - 1 No - 150 KLD Recycled (flushing) water Tank - 1 No - 75 KLD Fire Fighting water Tank - 1 No - 100 KLD
35.Storm water drainage	Natural water drainage pattern:	The arrangement for disposal of storm water from North to South and further to public storm water drain
	Quantity of storm water:	0..003 cum/sec
	Size of SWD:	0.35 M X 3.0 M at Starting with slope varying 1:300
Sewage and Waste water	Sewage generation in KLD:	192 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No 200 CMD
	Location & area of the STP:	Below Ground
	Budgetary allocation (Capital cost):	Rs. 30. lakhs
	Budgetary allocation (O & M cost):	Rs. 8.00 lakhs/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	726 Kg / Day
	Disposal of the construction waste debris:	as approved debris management plan
Waste generation in the operation Phase:	Dry waste:	290 kg/day
	Wet waste:	436 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	4 Kg/ Day
	Others if any:	domestic hazardous waste

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 17, 2018

Page 97
 of 115

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

Mode of Disposal of waste:	Dry waste:	disposal through authorised vendor as approved by MPCB
	Wet waste:	composting through OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	used as manure for landscape & excess given to local nursery
	Others if any:	NA
Area requirement:	Location(s):	Ground Level
	Area for the storage of waste & other material:	54 sq.m
	Area for machinery:	5 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 8.00 Lakhs
	O & M cost:	Rs. 2.00 Lakhs/tear

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

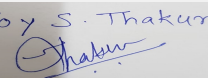
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

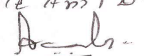
40. Details of Fuel to be used

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		

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 98 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	1114.41 sqm
	No of trees to be cut :	16 No
	Number of trees to be planted :	190 No
	List of proposed native trees :	Cassia Fistula (Bahava), Nyctanthes arbor triti (Parijatak), Lagerstroemia flosregineane (Tamhan), Bhaunia racemosa (Apta), Erythrina indica(Pangara), Michelia
	Timeline for completion of plantation :	during construction period

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 Fistula	Bahava	30	Flowering tree
2	Nyctanthes arbor triti	Parijatak	38	Flowering plant
3	Lagerstroemia flosregineane	Tamhan	28	Ornamental plant
4	Bhaunia racemosa	Apta	36	Evergreen tree
5	Erythrina indica	Pangara	24	Ornamental Tree
6	Michelia champaca	Champak	34	Evergreen 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	NA	NA	NA

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 99 of 115	Name: Kote Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSCDCL)
	During Construction Phase: (Demand Load)	150 Kva
	DG set as Power back-up during construction phase	15 Kva
	During Operation phase (Connected load):	2838 KW
	During Operation phase (Demand load):	1349 KVA
	Transformer:	3 No 630 KVA
	DG set as Power back-up during operation phase:	1 No 630 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

solar power for hot water and street lighting

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	12.7%
2	from renewal energy (Solar)	3.86%

50. Details of pollution control Systems

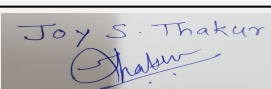
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 40 Lakhs
	O & M cost:	Rs. 2.00 Lakhs/year

51. Environmental Management plan Budgetary Allocation

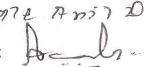
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	4
2	Noise Environment	Noise Baricades and Green Belt Developments	3
3	Water Environment	Modular STP, Drainage with sedimentation tanks	3


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 100 of 115

Name: K. Anil Kale

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

4	Good Health Practices	Site Sanitation & Health Care	3
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b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	30.00	8.00
2	Water Environment	RWH	6.00	1.00
3	Solid waste Management	OWC	8.00	2.00
4	Energy Savings	Solar	40.00	2.00
5	Land Environment	Landscape	27.86	5.50

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

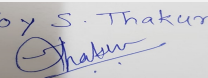
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

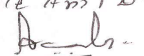
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 No as per IRC guidelines
Parking details:	Number and area of basement:	2 No having total area 13,105 sqm
	Number and area of podia:	NA
	Total Parking area:	13000 sqm (2 No basement +Stilt Floor)
	Area per car:	2.5 X 5.0 M
	Area per car:	2.5 X 5.0 M
	Number of 2-Wheelers as approved by competent authority:	539
	Number of 4-Wheelers as approved by competent authority:	470
	Public Transport:	NA
	Width of all Internal roads (m):	10.5 and 7.5 Meter

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 101 of 115

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

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Residential Project at Survey No 83 A/4A, Village Mundhawa, Pune by ESTEEM CONSTRUCTIONS PRIVATE LTD.

PP submitted their application for prior Environmental clearance for total plot area of 12100 Sq. Mtrs, BUA of 62680 Sq. Mtrs and FSI area of 28361.20 Sq. Mtrs and Non FSI area of 34318.80 sq mtrs.

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

DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 102 of 115	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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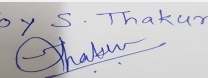
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit cross section at 4-5 places showing the space left for SWD, plantation of trees and compound wall.
- 2) PP to submit an undertaking for sustainable water supply with agreement of tanker.
- 3) PP to submit revised fire tender movement plan.
- 4) PP to submit parking layout plan at all level with ramp slope & width.
- 5) Stack parking shown as approved by local authority appears different from plan submitted. Same should be revised as approved by PMC.
- 6) PP to submit parking statement with details of area per car.
- 7) PP to submit STP details.
- 8) PP to submit revised disaster management plan with lightning arrester.
- 9) PP to submit NOC from tree authority.
- 10) PP to submit revised RG plan. Also provide mandatory RG area on virgin land and submit the drawing with calculations.
- 11) PP to submit revised tree list.
- 12) PP to submit hydrogeological report along with RWH details.
- 13) PP to submit SWD details with invert level & chamber details.
- 14) PP to submit energy saving calculation along with details of renewable energy source
- 15) PP to submit plan for sewer line connectivity up to final disposal point. Also submit the inverts level of Municipal sewer line.

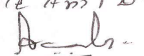
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
17, 2018

Page 103
of 115

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

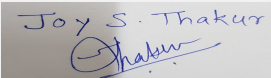
Agenda of 73rd Meeting of SEAC-3 (DAY-3)

SEAC Meeting number: 73 Meeting Date October 17, 2018

Subject: Environment Clearance for Residential & Commercial Project

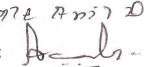
Is a Violation Case: No

1.Name of Project	PRIDE WORLD CITY
2.Type of institution	Private
3.Name of Project Proponent	Mr. ARVIND JAIN through Pride builders LLP
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization (Deletion of plots)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC letter received vide Moef Delhi letter no.21-9/2007-IA.III dated 17 January 2008 for plot area 15,74,232 m2 Revalidation done on dated 12 May 2014. Valid till 16th Jan 2020.
8.Location of the project	S. No. 129/1, 1 2 9 / 2 , 1 3 0 / 1 + 2 a + 2 b + 2 c + 3 , 1 3 1 / 1 (p) , 132/1, 132/2,132/3, 132/4, 132/5, 132/6, 132/7A, 132/7B, 132/7C, 132/8, 1 3 5 / 1 , 1 3 8 , 1 3 9 , 1 4 1 / 1 , 1 4 1 / 2 / 2 At Charholi BK, Dist.-Pune, State - Maharashtra.
9.Taluka	Haveli
10.Village	Charholi Bk
Correspondence Name:	Arvind Jain
Room Number:	near Pune university Circle, shivaji Nagar Pune
Floor:	5th floor
Building Name:	pride house
Road/Street Name:	Pune university Circle
Locality:	Pune
City:	Pune
11.Area of the project	Pimpri chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Sector -4 BP/Layout/Charoli/07/2018 dated 27/03/2018 Sector-2 B.P./Charoli/21/2017 dated 25/07/2017 Sr.no.132:- BP/Charoli/21/2015 dated 19/12/2015 IOD/IOA/Concession/Plan Approval Number: Sector -4 BP/Layout/Charoli/07/2018 dated 27/03/2018 Sector-2 B.P./Charoli/21/2017 dated 25/07/2017 Sr.no.132:- BP/Charoli/21/2015 dated 19/12/2015 Approved Built-up Area: 512952.19
13.Note on the initiated work (If applicable)	EC letter received vide Moef Delhi letter no.21-9/2007-IA.III dated 17 January 2008 for plot area 15,74,232 m2 Revalidation done on dated 12 May 2014. Valid till 16th Jan 2020. Total Built up area (FSI only as per earlier EC) - 12,66,412 m2 Construction completed till date is 2,16,397.80 Sq.mt. (FSI = 1,34,454.36 m2 + Non FSI+ Services = 81,943.44 m2)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	2,96,199.69m2
16.Deductions	31,109 m2
17.Net Plot area	2,65,090 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 3,18,338.98 b) Non FSI area (sq. m.): 2,03,521.17 c) Total BUA area (sq. m.): 521860.15
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 512952.19 Approved Non FSI area (sq. m.): - Date of Approval: 27-03-2018
19.Total ground coverage (m2)	105852
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.93


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 104 of 115

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

21. Estimated cost of the project	9450000000
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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sector - 4 Brooklyn (Residential) - Cluster-1 A to H- (8 Bldgs.) - completed	P+12	39.40
2	Sector -4 LongIsland(Residential) - Cluster-2 A to H & J, K (10 Bldgs.) - completed	P+12	39.40
3	Town Plaza-(Commercial Complex) - completed	G+1	-
4	Sector -4 Bronx (Residential) - Cluster-3 A to G (7bldgs.) - proposed	B+P+23	71.85
5	Sector -4 Iconic Tower (Residential) - Cluster-4 (1 Bldg.) - Proposed	B+P+21	65.95
6	Sector - 2 Notting Hill (Residential) - partly Completed RH- 16 Blw - 07	G+1 , G+2	6.00 , 8.77
7	Sector - 2 Club House - Ongoing	G + 1	-
8	Sector - 2 Kingsbury (Residential) - A1-A2 To H1- H2(8 Bldgs)- Completed - 03 wings C,D,E -	B+ST+16	51.00
9	Sector -4 Amenity (Commercial Complex) - Proposed	B+GR+8	28.00
10	Sector -2 Amenity + Reservation (Commercial) - Proposed	2B+10	35.00
11	Sr.no. 132 A,B,C Commercial Complex D - City club- A completed - B,C,D ongoing	G+1 P+7 G+1 G+1	9.00 ,22.50, 9.00 ,9.00

23. Number of tenants and shops	Total tenements - Residential-3723 Commercial complex -6 Nos.
24. Number of expected residents / users	Residential: 19267 Nos.+ 414 Nos. Maintainace staff Commercial:7967 Nos.+40Maintanance
25. Tenant density per hectare	140 tenant/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))	Nearest Fire Station is situated at 1) Yerwada - 8.60km 2) Dayaram Rajguru - 10.9 km
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement 9m.

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 105 of 115	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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29.Existing structure (s) if any	Construction completed as per earlier EC is 2,16,397.80 Sq.mt. 1.Sector - 4 Brooklyn (Residential) 2. Sector -4 Longsland(Residential) Town Plaza-(Commercial Complex) 3. Sector - 2 Notting Hill (Residential)- Partly Completed 4. Sector - 2 Kingsbury (Residential)- Partly Completed 5. Sr. no. 132 - Partly Completed
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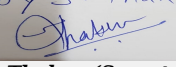
30.Details of the demolition with disposal (If applicable)	NA
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31.Production Details

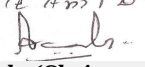
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	PCMC
	Fresh water (CMD):	1952
	Recycled water - Flushing (CMD):	1004
	Recycled water - Gardening (CMD):	356
	Swimming pool make up (Cum):	50
	Total Water Requirement (CMD) :	3362
	Fire fighting - Underground water tank(CMD):	3375
	Fire fighting - Overhead water tank(CMD):	750
	Excess treated water	1152
Wet season:	Source of water	PCMC
	Fresh water (CMD):	1952
	Recycled water - Flushing (CMD):	1004
	Recycled water - Gardening (CMD):	--
	Swimming pool make up (Cum):	50
	Total Water Requirement (CMD) :	3006
	Fire fighting - Underground water tank(CMD):	3375
	Fire fighting - Overhead water tank(CMD):	750
	Excess treated water	1508

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Page 106 of 115

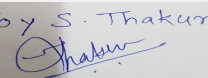
Details of Swimming pool (If any)	Swimming pool :- 3 nos. 1)Kingsbery :-Area :212 m2 2)Broonz :- 210 m2 3) City Club :-316 m2 Total Water requirement : 1111 m3
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33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	604	1347	1951	91	202	293	-	-	-
Fresh water requirement	311	693	1004	47	104	151	778	1734	2511
Gardening	126	230	356	126	230	356	-	-	-

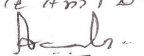
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	20-35 mtr
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	75 Nos.
	Size of recharge pits :	1.5 m X 1.5 m X1.5 m
	Budgetary allocation (Capital cost) :	87.85 lakhs
	Budgetary allocation (O & M cost) :	2 lakh/annum
	Details of UGT tanks if any :	-

35.Storm water drainage	Natural water drainage pattern:	From South West To North
	Quantity of storm water:	Before construction- 12707 m3/hr After Construction-14209 m3/hr
	Size of SWD:	150 mm to 1500 mm

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

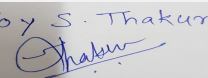
Page 107 of 115

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

Sewage and Waste water	Sewage generation in KLD:	2511
	STP technology:	MBBR
	Capacity of STP (CMD):	10 No. STP- 1.Sector Brooklyn-345 (Existing) 2.Sector -4 LongIsland-430 (Existing) 3.Town Plaza -30(Existing) 4.Sector -4 Bronx-660 5.Sector -4 Iconic Tower-142 6. Sector- 2 Notting Hill-70 7.Kingsbury+Sec.2 and club house-840 (Ongoing) 8.Sector -4 Amenity-18 9.Sector -2 Amenity + Reservation-79 10. Sr.no.132(Commercial)-140
	Location & area of the STP:	Sector wise STPprovided 1) 345 KLD - Brooklyn -494.23 m2 2) 430 KLD = LongIsland= 439.03 m2 3)30 KLD= Town Plaza = 76.95 m2 4) 660 KLD = Bronx= 430 m2 5) 142 KLD= Iconic Tower= 90 m2 6) 70 KLD = Notting Hill=46 m2 7) 840 KLD = Kingsbury+Sec.2 and club house=510 m2 8)18 KLD = Amenity= 20 m2 9)79 KLD = Amenity + Reservation=52 m2 10)140 KLD = Sr.no.132(Commercial)= 110 m2
	Budgetary allocation (Capital cost):	Rs. 242.0Lakhs
	Budgetary allocation (O & M cost):	Rs. 110.30 Lakhs/Annum

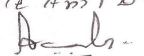
36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	137 kg/day
	Disposal of the construction waste debris:	Topsoil to be preserved & remaining will be used for back filling
Waste generation in the operation Phase:	Dry waste:	4168.42 kg/day
	Wet waste:	5889.44kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	250 Kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	will be handed over to SWACH
	Wet waste:	will be treated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	Location(s):	1.Sector - 4 Brooklyn - 110 m2 2.Sector -4 LongIsland and Town Plaza 120 m2 3.Sector -4 Bronx 130 m2 4.Sector -4 Iconic Tower 60 m2 5.Sector - 2 Notting Hill 42 m2 6.Kingsbury+Sec.2 club house 150 m2 7. Sector -4 Amenity 50 m2 8.Sector -2 Amenity+ Reservation 50m2 9. Sr.no. 132(Commercial) 80 m2
	Area for the storage of waste & other material:	652 m2
	Area for machinery:	140 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 159.63 Lakhs
	O & M cost:	Rs. 34.5 Lakhs/Annum

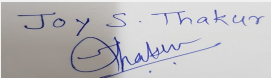
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 108 of 115

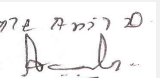
Name: K. Anil Kale

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

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	For 250 KVA DG set	Diesel 42.6 lit/hr @ 75% loading	1	4280mm from GL	-	500 Deg.C	
40. Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Diesel	Diesel	Diesel	Diesel			
41. Source of Fuel		Authorized vendor					
42. Mode of Transportation of fuel to site		By road					
43. Green Belt Development							
		Total RG area :	17,925.99m ²				
		No of trees to be cut :	Nil				
		Number of trees to be planted :	3314				
		List of proposed native trees :	-				
		Timeline for completion of plantation :	5 years				
44. Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Terminalia mentalys	-	498	-			
2	Filicium decipiens	-	495	-			


 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 109 of 115

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

3	Bottle palm	-	137	-
4	Areca catachu	-	120	-
5	Plumeria obtusa	-	112	-
6	Pheonix slyvestris	-	11	-
7	Rain tree	-	37	-
8	Neem tree	-	37	-
9	Foxtail palm	-	93	-
10	Peltoforum	-	307	-
11	Millingtonia	-	303	-
12	Bakul	-	461	-
13	Spathodea	-	648	-
14	Magnifera indica (Mango)	-	3	-
15	Areca palm	-	52	-

45.Total quantity of plants on ground

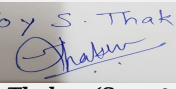
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

47.Energy


Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	149 KW
	DG set as Power back-up during construction phase	180KVA x 1 no.
	During Operation phase (Connected load):	29348 KW
	During Operation phase (Demand load):	13872 KW
	Transformer:	630 KVA x 22 nos.
	DG set as Power back-up during operation phase:	5 No. X 250 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 110 of 115

Name: K. Anil Kale

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

- Use of LED in Parking area, lift-lobby and stair-case.
- Using Solar system in Common Area Lighting (10%). & Street/ Landscape lights with LED lamps.
- V3F drive is proposed for all lifts.
- As per MSEDCL requirements, it is recommended to use low loss Transformer.
- Losses for Transformer shall, in principal, comply with ECBC norms.
- Recommend to attain power factor of the installation near unity.
- Independent Energy meters for all pollution control equipment's.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Energy - Outdoor lightning/ street light	187650 KWH/Annum (0.35)
2	Auto timer Logic Controller	652620 KWH/Annum (1.20)
3	Electrtonic V3F drive for Lifts	196048.80 KWH/Annum (0.36)
4	Solar Water heater	6478020 KWH/Annum (11.91)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	3 nos.	7
OWC	2 nos.	7
DG Set	1nos.	4

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 901.17 Lac
	O & M cost:	Rs. 33.23 lac p. a.

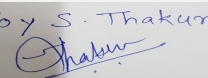
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air & Noise	Water For Dust Suppression	1.2
2	Air & Noise	Air & Noise monitoring	0.48
3	Water	Tanker water for construction & worker	1.00
4	Water	Water Monitoring	0.6
5	Land	labour toilet	17.6
6	Biological	Gardening & Excavation	17.9
7	Socio	Disinfection at site	1.8
8	Socio	Safety, First Aid, Health Hygiene Facilities	2.03
9	Socio	Health Check Up	5.5
10	Socio	Creches for children	6.0
11	Socio	Personal Protective Equipment CFL lamps for labor hutments	0.05

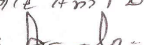
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 111 of 115

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

1	STP Cost	STP Cost	242.00	110.30
2	Rain Water Harvesting	-	87.85	2.0
3	Environmental Monitoring	Environmental Monitoring	-	62.16
4	Gardening	Plantation of tree	561.0	6.60
5	Solid waste	1 No.	159.63	34.50
6	Energy	5 Nos. 250 kVA, and solar panels	253.25	76
7	Swimming pool	3 No.	89.5	18.1

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

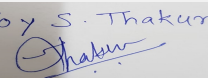
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

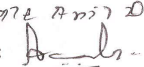
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	53288.45
	Number and area of podia:	45630.49
	Total Parking area:	98918.94 (basement +Podia)
	Area per car:	Basement - 35, covered - 30, open - 25
	Area per car:	Basement - 35, covered - 30, open - 25
	Number of 2-Wheelers as approved by competent authority:	7628 Nos.
	Number of 4-Wheelers as approved by competent authority:	3814 Nos.
	Public Transport:	Local buses
	Width of all Internal roads (m):	18-24 m wide
	CRZ/ RRZ clearance obtain, if any:	NA

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 17, 2018

Page 112
of 115

Name: K. Anil D.

 Shri. Anil Kale (Chairman SEAC-III)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 b(B1)
	Court cases pending if any	No
	Other Relevant Informations	Earlier EC was Received in 2007 from MoEF and CC Delhi for total plot area of 15,74,232 m ² We are applying for modernization of EC for a total plot area of 2,96,199.67 m ² by deleting 1278032.33 m ² .
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

PRIDE WORLD CITY at S. No. 129/1, 1 2 9 / 2 , 1 3 0 / 1 + 2 a + 2 b+ 2 c + 3 , 1 3 1 / 1 (p), 132/1, 132/2,132/3, 132/4, 132/5, 132/6, 132/7A, 132/7B, 132/7C, 132/8, 1 3 5 / 1 , 1 3 8 , 1 3 9 , 1 4 1 / 1 , 1 4 1 / 2 / 2 At Charholi BK, Dist.-Pune by Pride Builders LLP.

The Committee noted that the PP holds pervious EC received vide MoEF&CC Delhi letter no.21-9/2007-IA.III dated 17 January 2008 for plot area 15,74,232 m². Revalidation of the same was done on dated 12 May 2014. Now PP has applied for amendment in EC pursuant to reduction in plot area. The total plot area now proposed is 2,96,199.69 Mtrs, BUA of 5,21,860.15 Sq. Mtrs and FSI area of 3,18,338.98 Sq. Mtrs and Non FSI area of 2,03,521.17 sq mtrs.

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

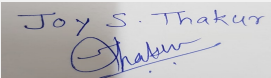
DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 17, 2018	Page 113 of 115	Name: K ०१२ Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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After deliberation, Committee asked PP to submit EIA report including all above points for further discussion and consideration of SEAC. PP requested for time to submit above information.

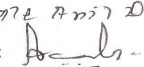
Specific Conditions by SEAC:

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


**Joy S.Thakur (Secretary
SEAC-III)**

**SEAC Meeting No: 73 Meeting Date: October
17, 2018**


**Page 114
of 115**

Name: K. Anil Kale

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

FINAL RECOMMENDATION

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

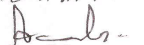
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Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
17, 2018**

**Page 115
of 115**

Name: K 072 Anil D.
Signature: 

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