

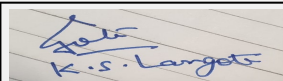
Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Proposed Building construction

Is a Violation Case: No

1.Name of Project	Aditya Garden Flora
2.Type of institution	Private
3.Name of Project Proponent	Mr. Pravin Kataria
4.Name of Consultant	Mr. Rajesh Shvarivasta, PECS- Pollution & Ecology control Services
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 83/2/2, 83/2/2
9.Taluka	Haveli
10.Village	Warje
Correspondence Name:	Mr. Pravin Kataria
Room Number:	619
Floor:	NA
Building Name:	Above Rangoli Centre
Road/Street Name:	Bajirao Road
Locality:	Sadashiv Peth
City:	Pune
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: DPO 2620/09
	Approved Built-up Area: 21855.23
13.Note on the initiated work (If applicable)	We have applied for Environmental Clearance for our project "Aditya Garden Flora" for S. No. 83 (P) and project" Libero" of M/s. Satish Bora & Associates for S. No. 84 (P) at Warje, PUNE on 28/09/2011. The layout is sanctioned for 27,871.64 sqm vide CC from Pune Municipal Corporation No. CC/1352/09 Dated 07/01/2010. We appear before Hon. SEAC - III in its 6th Meeting held on 19th March, 2014 and it is observed that we have violated the provisions of Environment (Protection) Act, 1986. The Notice u/s 5 of Environment (Protection) Act, 1986 vide No. SEAC 2011/ CR - 660/ TC - 2 dated 17/04/2014. We appeared before Hon. Authority for hearing in response to the Show Cause Notice and The same is considered during the hearing and our case is considered as "Violation" by Authority vide their letter No. SEAC 2011/CR 660/TC 2 dated 01/01/2015. The due action was initiated and work is stopped at site. The suit is filed bearing No. 407774/2015 dated 17/03/2015.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	16000 Sqm
16.Deductions	0 Sqm
17.Net Plot area	16000 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15423.24 Sqm
	b) Non FSI area (sq. m.): 10223.48 Sqm
	c) Total BUA area (sq. m.): 25646.72
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	4060.12



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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25 %
21.Estimated cost of the project	372682000

22.Number of buildings & its configuration

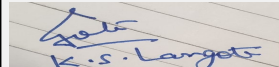
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P+11	34.75
2	B1	P+11	34.75
3	C	P+11	34.75
4	D	P+11	34.75
5	E1	P+2	9.18
6	E2	P+2	9.18
7	B2	P+12	39.6

23.Number of tenants and shops	No. of Tenements- 237 No. of Shops- 0
24.Number of expected residents / users	Residential Users- 1185 Commercial users- 0
25.Tenant density per hectare	148 Tenement/ 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))	24 M wide approach road
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	Yes
30.Details of the demolition with disposal (If applicable)	No Demolition is proposed as existing structures are part of the project

31.Production Details

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

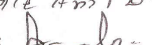
32.Total Water Requirement



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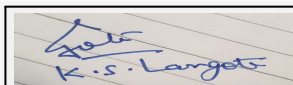
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Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	114.15							
	Recycled water - Flushing (CMD):	53.32							
	Recycled water - Gardening (CMD):	9.6							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	177.07							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	102.312							
	Excess treated water	81.06							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	114.15							
	Recycled water - Flushing (CMD):	53.32							
	Recycled water - Gardening (CMD):	0.0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	167.47							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	102.312							
	Excess treated water	90.66							
Details of Swimming pool (If any)	Not Proposed								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



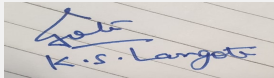
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15M BGL
	Size and no of RWH tank(s) and Quantity:	RWH tank not proposed
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	8 Nos. of recharge pits proposed
	Size of recharge pits :	2 x 2 x 3
	Budgetary allocation (Capital cost) :	Rs. 8.38 Lacs
	Budgetary allocation (O & M cost) :	Rs. 1.33 Lacs
	Details of UGT tanks if any :	Domestic water tank- 136.25 Fire Water tank-225.0 Drinking water tank- 35.0 Flushing water tank- 86.25
35.Storm water drainage	Natural water drainage pattern:	North to South
	Quantity of storm water:	114 Cum/15 Min
	Size of SWD:	600mm
Sewage and Waste water	Sewage generation in KLD:	143.98
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. of 185 KLD
	Location & area of the STP:	Shown on Plan
	Budgetary allocation (Capital cost):	Rs. 25.0 Lacs
	Budgetary allocation (O & M cost):	Rs. 4.10 Lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Negligible
	Disposal of the construction waste debris:	Construction Debris- Backfill & roads, Biodegradable Waste- In-situ Composting Non- biodegradable waste- Handed over to authorized vendor
Waste generation in the operation Phase:	Dry waste:	208 Kg/day
	Wet waste:	338 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Negligible
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Handed over to authorised recycler for disposal
	Wet waste:	Through Organic Waste Composter
	Hazardous waste:	Handed over to authorized Vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	In- situ composting
	Others if any:	NA
Area requirement:	Location(s):	Shown on plan
	Area for the storage of waste & other material:	30 Sqm
	Area for machinery:	Included in above area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 11.15 Lacs
	O & M cost:	Rs. 0.93 Lacs

37. Effluent Characteristics

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

38. Hazardous Waste Details

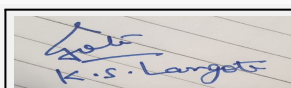
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



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43.Green Belt Development	Total RG area :	1600 Sqm
	No of trees to be cut :	0
	Number of trees to be planted :	Trees = 181 No. Shrubs= 278 Nos.
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	Plantation Completed

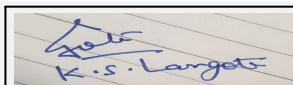
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	kadulimb	azadirachta indica	33	medicinal value to control soil erosion to improve soil erosion
2	Kanchan	Bauhinia spp	25	Every part of the plant is medicinal,Drought tolerant species.
3	Bahava	Cassia fistula	25	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
4	Buch	Millingtonia Hortensis	22	fragrant flowers or leaves, plant forpooja evergreen tree
5	Jamun	Eugenia jambolana	7	Medicinal value,Edible fruit,Bird attracting species.
6	Piwala Chapha	Michelia champaka	25	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
7	Bakul	Mimusops elengi	24	Butterfly larvae host plant
8	Karanj	Pongamia pinnata	20	Medicinal value,Drought tolerant species,To control soil erosion, Hardy plant.
9	Allamanda (yellow)	Allamanda	35	Shrub
10	Calliandra	Powder puf	10	Shrub
11	Chrinum asiatum	Spider lily	13	Shrub
12	Chrysalidocarpus lutescens	Areca palm	74	Shrub
13	Dracena mahatma	Dracena	15	Shrub
14	Hibiscus	Hibiscus	73	Shrub
15	Nerium (varigated)	Kanher	14	Shrub
16	Stachyterpheta	-	18	Shrub
17	Tabernaemontana coronaria (var.)	Tagar	21	Shrub
18	Tecoma stans	-	05	Shrub

45.Total quantity of plants on ground

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

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	40 kw
	DG set as Power back-up during construction phase	30 KVA
	During Operation phase (Connected load):	-
	During Operation phase (Demand load):	1189.25 KVA
	Transformer:	630 KVA
	DG set as Power back-up during operation phase:	82.5 & 30 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48. Energy saving by non-conventional method:

Solar water heater and street lamps
energy efficient pumps
LED lamps for common areas
Timer switches for staircase loby lighting parking road & open area
PV generation equal to 1% of connected load (in k W)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Low power high efficiency CFL/LED lights in common areas.	9198 KWH / annum
2	Low power high efficiency T5 lights for external and roads	18921.6 KWH / annum
3	Energy Saving by Solar Water heater .	688500 KWH / annum
4	Public Area lighting on dimmer control.	821.25 KWH / annum
5	Total Saving	4.97 %

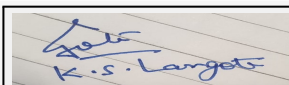
50. Details of pollution control Systems

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:	39.99
	O & M cost:	0.79

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):



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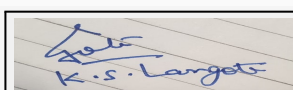
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for construction & Labour	To reduce dust generated during transportation, debris generation etc	1.00
2	Site Sanitation & Safety	prevention of human contact with the wastes of human excretion etc	1.20
3	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water	1.80
4	Disinfection	To prevent any outbreak of diseases	0.50
5	Health Check up	To ensure health of the working staff in order to reduce any health complication and infections generated on site during construction phase	0.50
6	Water for labour	Water for consumption, toilet use, bathing, washing utensils etc	0.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Waste water treatment	25	4
2	RWH	No of pits - cleaning etc.	8.38	1.33
3	Landscape	Landscape and plantation maintenance	27.94	1.00
4	Energy saving measures	Solar PV, street lights & Solar water heater, other energy saving devices	39.99	0.79
5	OWC	Biodegradable waste treatment	11.15	0.93
6	Enviro Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure etc.	0.00	2.50
7	Safety Equipments	-	10.00	2.00
8	Dry Waste Management	Management for generated dry waste	0.00	1.42

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



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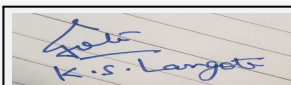
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	6885.6
	Area per car:	30
	Area per car:	30
	Number of 2-Wheelers as approved by competent authority:	472
	Number of 4-Wheelers as approved by competent authority:	160
	Public Transport:	0
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	YES
	Other Relevant Informations	NA



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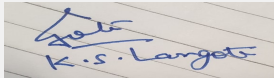
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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	11-09-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
Environment Clearance for Proposed Building construction at S. No. 83/2/2, Warje, Tal Haveli, Pune by M/s. Aditya Garden Flora.		
DECISION OF SEAC		
PP remains absent.		
<i>SEAC decided to defer the proposal.</i>		
Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days		

SEAC-AGENDA-000000119



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Name: K ०१२ Anil D.
Signature: Anil D.
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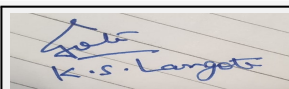
Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Proposed residential building at village Charholi survey no. Old 464 (p) / 465 (p) & New survey. No. 408 (p) / 409 (p) PCMC, Pune Pradhan Mantri Awas Yojana affordable houses for Economical Weaker Section.

Is a Violation Case: No

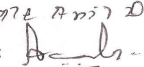
1.Name of Project	Proposed residential building at village Charholi survey no. Old 464 (p) / 465 (p) & New survey. No. 408 (p) / 409 (p) PCMC, Pune Pradhan Mantri Awas Yojana affordable houses for Economical Weaker Section.
2.Type of institution	Semi Government
3.Name of Project Proponent	Pimpri Chinchwad Municipal Corporation
4.Name of Consultant	Green Circle Inc.
5.Type of project	Affordable Housing project under Pradhan Mantri Awas Yojana for Economical Weaker Section.
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	Old Sr.no. 464 (P) 465 (P) & new Sr. No.408 (P) 409 (P) Pimpri Chinwand Municipal corporation, Pune.
9.Taluka	Khed
10.Village	Charholi
Correspondence Name:	Mr. Pradeep Ramchandra Pujari : Executive engineering, BSUP Department
Room Number:	Engineering Department
Floor:	1st Floor
Building Name:	Pimpri Chinchwad Municipal Corporation, Pimpri, Pune -411018
Road/Street Name:	Pimpri, pune -411018
Locality:	Pimpri Chinchwad Municipal Corporation, Pimpri, pune -411018
City:	Pune
11.Area of the project	Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	BP/ Charholi/39/2017 dated 20.12.2017 IOD/IOA/Concession/Plan Approval Number: BP/ Charholi/39/2017 dated 20.12.2017. As per 28 meeting of the central Sanctioning and monitoring committee (CSMC) for Pradhan MantriAwasYojana (Urban) Housing for all dated 26 Dec 2017 vide File No. N-11011/13 /2017-HFA-III-UD (E.File 9031679) Approved Built-up Area: 48355.2
13.Note on the initiated work (If applicable)	No Construction work has been started.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	The scheme is approved under Pradhan Mantri Awas yojna as per 28 meeting of the central Sanctioning and monitoring committee (CSMC)
15.Total Plot Area (sq. m.)	21500 Sq. m
16.Deductions	2157.92 Sq. m
17.Net Plot area	19342.08 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 43338.01 Sq. m. b) Non FSI area (sq. m.): 27561.29 Sq. m. c) Total BUA area (sq. m.): 70899.3
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 43338.01 Sq. m. Approved Non FSI area (sq. m.): 27561.29 Sq. m. Date of Approval: 20-12-2017
19.Total ground coverage (m2)	4967.1 Sq. m.



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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.10 %
21.Estimated cost of the project	1223258467

22.Number of buildings & its configuration

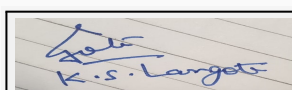
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower- 1	P + 14	44.15
2	Tower - 2	P + 14	44.15
3	Tower- 3	P + 14	44.15
4	Tower - 4	P + 14	44.15
5	Tower - 5	P + 14	44.15
6	Tower - 6	P + 14	44.15
7	Tower- 7	P + 14	44.15

23.Number of tenants and shops	No. of Tenants : 1390, Shops :9, Clubhouse
24.Number of expected residents / users	7298 Persons
25.Tenant density per hectare	3394.41
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 (Alandi Road)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9.0 mtrs.
29.Existing structure (s) if any	NA. Previously the land was agricultural land and now building construction will be done as per approved construction area under Pradhan Mantri Awas Yojana.
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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 67 Meeting Date: August 21, 2018

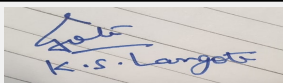
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Name: K. Anil Kale

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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PCMC								
	Fresh water (CMD):	632 KLD								
	Recycled water - Flushing (CMD):	321 KLD								
	Recycled water - Gardening (CMD):	12 KLD								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	965 KLD								
	Fire fighting - Underground water tank(CMD):	300 KLD								
	Fire fighting - Overhead water tank(CMD):	25.0 KLD per Building								
	Excess treated water	454 KLD								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	632 KLD								
	Recycled water - Flushing (CMD):	321 KLD								
	Recycled water - Gardening (CMD):	0 KLD								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	953 KLD								
	Fire fighting - Underground water tank(CMD):	300 KLD								
	Fire fighting - Overhead water tank(CMD):	25.0 KLD per Building								
	Excess treated water	466 KLD								
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	953	953	Not applicable	126	126	Not applicable	827	827	
Gardening	Not applicable	12	12	Not applicable	12	12	Not applicable	0	0	



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 15M
	Size and no of RWH tank(s) and Quantity:	2.0 x 2.0 x 3.0 m Deep, Rain water harvesting system will be developed in the form of Rain Water recharge Pits. Rain Water will be collected through RWP .Total 74% water will be Harvested .
	Location of the RWH tank(s):	Ground level (UG)
	Quantity of recharge pits:	10 Nos
	Size of recharge pits :	2.0 x 2.0 x 3.0 m Deep
	Budgetary allocation (Capital cost) :	93.88 Lakhs
	Budgetary allocation (O & M cost) :	4.6 Lakhs
	Details of UGT tanks if any :	All UG tanks are proposed at ground level as per requirement of each building. Rain water harvesting system will be developed in the form of Rain Water recharge Pits. Rain Water will be collected through RWP .Total 74% water will be Harvested . Every tower has Domestic water tank of 144.5 KLD capacity .

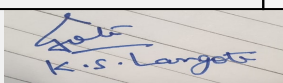
35.Storm water drainage	Natural water drainage pattern:	South to North
	Quantity of storm water:	The Minimum Size of Storm Water Channel is 0.6 x 0.6m deep. Max size of 0.6 x 0.7m deep & drain connected at two locations of project site.
	Size of SWD:	0.30m X 0.30m

Sewage and Waste water	Sewage generation in KLD:	827 KLD
	STP technology:	RMBR and ECOBIOPACK
	Capacity of STP (CMD):	1 STP of capacity 840 KLD
	Location & area of the STP:	Ground Level (UG)
	Budgetary allocation (Capital cost):	151.15 Lakhs
	Budgetary allocation (O & M cost):	6.6 Lakhs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	7450.65 cum of excavated material
	Disposal of the construction waste debris:	Construction waste debris will be reused at the same site. Excess will be used for filling purpose of our own development sites as much as possible. Rest will be disposed off to authorized sites. Quantity of 4300 cum top soil to be preserved which is being utilized for landscaping.

Waste generation in the operation Phase:	Dry waste:	1453 Kg/day
	Wet waste:	2127 Kg/day
	Hazardous waste:	0 Kg/day
	Biomedical waste (If applicable):	0 Kg/day
	STP Sludge (Dry sludge):	118 KLD
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed off through authorized contractors.
	Wet waste:	Wet garbage shall be treated in organic waste converter on site and manure so obtained will be used in landscaping.
	Hazardous waste:	Waste oil from D.G. sets will be handed over to authorized recyclers.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried sludge from STP to be mixed with wet waste and processed in OWC, this will be used as manure for gardening.
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	70 sq. mt
	Area for machinery:	200 sq. ft
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	22.0 Lakhs
	O & M cost:	8.4 Lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.5-8.5	6.0-8.0	6.5-9
2	Suspended Solids	mg/lit	400	10	100
3	BOD	mg/lit	350	<10	100
4	COD	mg/lit	600	<50	250
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			

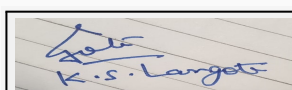
38. Hazardous Waste Details

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	LDO	1	Height of Building + 3 M	0.15	54 degree celcius

40. Details of Fuel to be used



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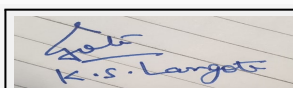
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Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO	Not applicable	55 Litres /hr	Not applicable
41.Source of Fuel		LDO		
42.Mode of Transportation of fuel to site		Road		
43.Green Belt Development	Total RG area :	2157.92		
	No of trees to be cut :	0		
	Number of trees to be planted :	216		
	List of proposed native trees :	159		
	Timeline for completion of plantation :	3 years		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Plumeria obtuse	Champa	15	- This plant is commonly used as an ornament, grown for its flowers.
2	Saraca asoca	Sita Ashok	10	-The barks, seeds and flowers of the tree are helpful in preparing capsules and tonics to solve various gynecological problems of women. -Cure diabetes. -Cure diarrhea. -Long living and evergreen plant.
3	Michelia champaca	Nagchampa	12	-Commonly used for incense, soap, perfume oil, essential oils, candles. -Personal toiletries and worship at temples.
4	Mimusops elengi	Bakul	10	-Used in Ayurveda medicine in which it is purported to be astringent, cooling, anthelmintic, tonic, and febrifuge. -Used for dental ailments.
5	Terminalia arjuna	Arjun	9	-The bark of Arjun tree is a well-known heart tonic. -Useful in treatment of all forms of heart disease.
6	Tamarindus indica	Chinch	8	-The tamarind tree produces edible pulp. -Pulp used as traditional medicine and metal polish.
7	Cassia fistula	Bahava/amaltash	10	-Used as Ayurveda/ medicinal tree.
8	Delonix regia	Gulmohar	14	-The seed is carminative, purifies and enriches the blood. -Used in cases of inflammation, "ear ache" and chest complaint.
9	Terminalia catappa	Badam	10	-Herbal medicinal plant. -It is an evergreen tree and Used as a traditional Ayurveda medicine. - Used in dental ailments.



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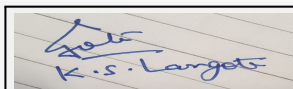
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10	Pongamia pinnata	Karanj	16	-It is an important Ayurveda medicine used in skin diseases, - Twigs were used as tooth brush in ancient times. -Used for biodiesel production. -dried leaves used as insect repellent.
11	Aegle marmelos	Bel	13	- The plant species act as a climate purifier by absorbing poisonous gas from the atmosphere. -The leaves of the tree are used to worship Lord Shiva.
12	Eucalyptus	Nilgiri	11	-Essential oil is highly effective for respiratory problems, such as asthma, bronchitis, pneumonia and even in tuberculosis.
13	Pinus roxburghii	Pine	20	- widely used in high-value carpentry items such as furniture, window frames, panelling, floors, and roofing, and the resin of some species is an important source of turpentine.
14	Senegalia catechu	Khair	8	-The heart wood and bark of the tree are used in traditional medicine. -A wood extract called catechu is used in traditional medicine for sore throats and diarrhea. -The concentrated aqueous extract, known as khayer gum or cutch, is astringent.
15	Alstonia scholaris	Saptaparni	12	-used for medicinal purposes, ranging from Malaria and epilepsy to skin conditions and asthma.
16	Dalbergia sissoo	Shisham	6	-used as fuel wood and for shade and shelter. -It is the most important cultivated timber tree of Bihar, which is the largest producer of shisham timber in India.
17	Mammea suriga	Surangi	11	- The flowers are extremely fragrant, and its powerful scent can hit our nostrils even from a distance
18	Butea Monosperma	Palash	9	-oil has various medicinal properties. -The leaves of the Butea Monosperma are used as ingredients of tonics and aphrodisiacs and are also helpful in arresting bleeding or secretion.
19	Azadirachta indica	Neem	12	-Leaf is used for leprosy, eye disorders, bloody nose, intestinal worms, stomach upset, loss of appetite, skin ulcers, diseases of the heart and blood vessels (cardiovascular disease), fever, diabetes, gum disease (gingivitis), and liver problems.
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				



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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)	170 KW
	DG set as Power back-up during construction phase	1 DG set of 200 kVA
	During Operation phase (Connected load):	8227.83 kW
	During Operation phase (Demand load):	3635.13 kW
	Transformer:	7 nos. of 630 kVA
	DG set as Power back-up during operation phase:	1 set of 200 kVA and 1 set of 250 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

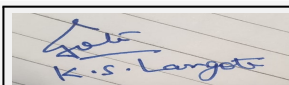
- Road/Landscape area lighting : LED Lighting
- Lobby & staircase and Stilt area lighting on LED lights.
 - Lifts with VFD & Regenerative Type
 - Solar Hot Water system
 - T5 lights at parking space.
 - Use of APFC panel for Power factor correction.
 - Water Level Controller with Timer for water pumps system to be provided.
 - Roofs will be insulated to minimize heat gain with 50 mm expanded polystyrene or equivalent insulation.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Road/landscap : LED Lighting	50%
2	Parking Lights : LED	45%
3	Lobby and Staircase :LED Lights/ Solar	45%
4	Lifts wih VFD and Passange (8 People)	30%
5	Lifts wih VFD and Service (13 People)	33%
6	Solar Hot Water system	100%
7	Plumbing/ Fire fighting load	30%
8	Total Energy saving	38.61%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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water pollution due to domestic sewage	Not applicable	STP and GTP
Solid waste	Not applicable	OWC
Air pollution and Noise pollution due to DG set	Not applicable	Stack of required height and acoustic enclosure for noise control

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	387.87 lakhs
	O & M cost:	191.2 lakhs

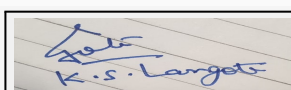
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	water sprinkling	0.72 lakh
2	Site Sanitation	Septic tank	1.5 lakhs
3	Environmental Monitoring	For Air, Water, soil and Noise analysis from MoEF accredited lab	1.26 lakhs
4	Disinfection at site	Pest control Team appointment	7.2 lakhs
5	Health Check up of Workers	Doctor appointment	43.2 lakhs
6	DMP cost	Safety during construction , PPE to workers	33 lakhs

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP Cost	STP and GTP installation	151.15 Lakhs	6.6 Lakhs
2	RWH cost	Rain Water Harvesting Tank and Recharge Pits	93.88 Lakhs	4.6 Lakhs
3	Environmental Monitoring	For Air, Water, soil and Noise analysis from MoEF accredited lab	For Air, Water, soil and Noise analysis from MoEF accredited lab	15.2 lakhs
4	Solar Energy	Solar Hot water System for all the flats	442 lakhs	22.1 lakhs
5	Gardening	Total area of garden is 2157.92 Sq.mt.	6.46 lakhs	1.73 lakhs
6	Solid waste management	OWC machine	22.0 Lakhs	8.4 Lakhs




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7	Energy Saving Measures	Energy saving equipments installed	387.87 lakhs	191.2 lakhs
8	DMP cost	Fire sprinklers, extinguisher, camera, security sign etc	179 lakhs	43 lakhs

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

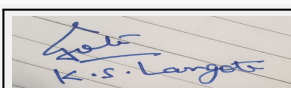
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Separate entry and exit roads with minimum 18 m and 24 m abutting road
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	8,166.10 Sq.m
	Area per car:	12.50
	Area per car:	12.50
	Number of 2-Wheelers as approved by competent authority:	1402 nos.
	Number of 4-Wheelers as approved by competent authority:	5 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	9.0m, 12.0m and 6.0m driveway
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA

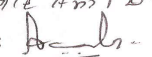


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	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed residential building at village Charoli Survey No. Old 464(p)/465 (p) & New survey no. 408 (p)/409(p) PCMC, Pune Pradhan Mantri Awas Yojana affordable houses for Economical Weaker Section by Pimpri Chinchwad Municipal Corporation.

PP submitted their application for prior Environmental clearance for total plot area of 21500 Sq. Mtrs, FSI area 43338.01 Sq.m, Non FSI 27561.29 Sq.m and Total Built up Area of 70,899.3 Sq. Mtrs. Now PP proposes to construct 7 no. residential building.

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

DECISION OF SEAC

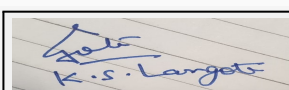
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions

Specific Conditions by SEAC:

- 1) PP to submit STP detail as per norms.
- 2) PP to submit revised RG drawing -relocation UGT -PP to submit details of mandatory RG area required.
- 3) PP to submit details of cross section of internal storm water upto final disposal point with invert level of chambers within the area.
- 4) PP to submit details of OWC mentioning querying period.
- 5) PP to submit site specific EMP.
- 6) PP to submit details for CER activities.

FINAL RECOMMENDATION

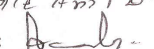
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

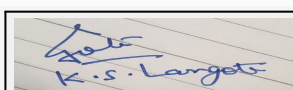
Subject: Environment Clearance for Project by Omega Promoters Pvt.Ltd. Through M/s Garve Buildcon

Is a Violation Case: No

1.Name of Project	Omega Paradise
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sachin Sonigara
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	S.No.174(Part) , 175(Part) ,127/3 &128/5, Wakad - DangeChowk Road, Opp. Shree Nursery,
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr.Sachin Sonigara
Room Number:	Sonigara Park
Floor:	-
Building Name:	-
Road/Street Name:	Laxmi Tara Market, Tathawade Road
Locality:	Dange Chowk,Thergaon
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: - Approved Built-up Area: 79310.47
13.Note on the initiated work (If applicable)	71980.17 m2 (FSI - 44567.32 m2+ Non-FSI - 27412.85 m2) as per previous EC vide no.21-222/2008-1A-III Dated - 12/08/2009
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	59332.92 m2
16.Deductions	31114.66 m2
17.Net Plot area	28218.26 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 66041.70 b) Non FSI area (sq. m.): 54823.27 c) Total BUA area (sq. m.): 120864.97
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 46122.29m2(Part Sanction) Approved Non FSI area (sq. m.): 33188.18 m2(Part Sanction) Date of Approval: 13-07-2017
19.Total ground coverage (m2)	9159.45
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15.43% of total plot area (59332.92 m2) , 32.45% of net plot area (28218.26 m2)
21.Estimated cost of the project	1608100000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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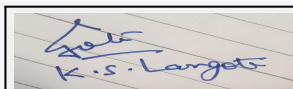
1	Wing - A	P + 7	19.95
2	Wing - B	P + 7	19.95
3	Wing - C	P + 7	19.95
4	Wing - D	P + 7	19.95
5	Wing - E	B+ P+12	34.20
6	Wing - F	B+ P+12	34.20
7	Wing - G	B+ P+12	34.20
8	Wing - H	B+ P+12	34.20
9	Wing - I	P + 12	34.20
10	J1, J2, J3	G + 1	6.75
11	K1, K2, K3	G + 1	6.75
12	Wing - L	B+P+11	31.90
13	Wing - M	B+P+12	34.80
14	Wing - N	3B+G+21	60.90
15	Wing - O	BP+LP+G+5	17.40

23.Number of tenants and shops	Total Tenements - 746Nos.(Existing:363 nos.+ Proposed:383 Nos.) Proposed : Shops - 47 Nos. Showrooms - 9 Nos. Offices - 67 Nos.
24.Number of expected residents / users	Existing : Residential Users - 1815Nos. , Proposed : Residential Users - 1915Nos. Commercial users - 1118 Nos. Total Users: 4848 Nos.
25.Tenant density per hectare	126/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))	24 m wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement



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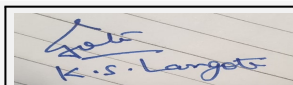
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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pimpri-Chinchwad Municipal Corporation
	Fresh water (CMD):	591.86 m3/day(One time)
	Recycled water - Flushing (CMD):	195.80 m3/day
	Recycled water - Gardening (CMD):	35.00 m3/day
	Swimming pool make up (Cum):	3.00 m3/day
	Total Water Requirement (CMD) :	361.06 m3/day
	Fire fighting - Underground water tank(CMD):	675.00 m3
	Fire fighting - Overhead water tank(CMD):	200 m3
	Excess treated water	267.67 m3/day
Wet season:	Source of water	Pimpri-Chinchwad Municipal Corporation
	Fresh water (CMD):	556.86 m3/day (One time)
	Recycled water - Flushing (CMD):	195.80m3/day
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	3.00 m3/day
	Total Water Requirement (CMD) :	361.06m3/day
	Fire fighting - Underground water tank(CMD):	675.00 m3
	Fire fighting - Overhead water tank(CMD):	200 m3
	Excess treated water	302.67m3/day



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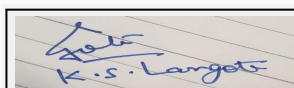
Shri. Anil Kale (Chairman SEAC-III)

Details of Swimming pool (If any)	<p>Dimension of Swimming Pool :</p> <p>a. Swimming Pool 1: 12.19 M x 6.10 M x 1.4 M</p> <p>b. Swimming Pool 2: 12.19 M x 6.10 M x 1.4 M</p> <p>c. Swimming Pool 3: 12.19 M x 5.12M x 1.2M</p> <p>Total water Requirement in KLD :</p> <p>a. Swimming Pool 1: 104.11m³</p> <p>b. Swimming Pool 2: 104.11 m³</p> <p>c. Swimming Pool 3: 8.73m³</p> <p>Water requirement in KLD:</p> <p>a. Swimming Pool 1: 1.04 m³/day</p> <p>b. Swimming Pool 2: 1.04 m³/day</p> <p>c. Swimming Pool 3: 0.9 m³/day</p> <p>Details of Plant & Machinery used for treatment of Swimming pool water :</p> <p>Details of quality to be achieved for swimming pool water and parameters to be monitored :</p> <p>Budgetary allocation (Capital cost and O & M cost) :</p> <p>Swimming Pool 1: Capital Cost: Rs. 24.57 Lakh O & M Cost: Rs. 2.22 Lakh/Year</p> <p>Swimming Pool 2: Capital Cost : Rs. 24.57 Lakh O & M Cost: Rs. 2.22 Lakh/Year</p> <p>Swimming Pool 3: Capital Cost : Rs. 22.86 Lakh O & M Cost: Rs. 2.22 Lakh/Year</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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 16.25 m to 20.25 m BGL (Ave.18.25 m BGL) , Rainy Season - 6.00 m to 10.00 m BGL (Ave.8.00 m BGL) , Winter Season - 11.13 m to 15.13 m BGL(Ave.13.13 m BGL)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	11 Nos.
	Size of recharge pits :	2.00 m x 2.00 m x 2.00 m
	Budgetary allocation (Capital cost) :	Rs. 11.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.00 Lakh/year
	Details of UGT tanks if any :	Residential & Commercial:(Existing + Proposed) Domestic UG tank Capacity: 300.89 m ³ (Proposed) Flushing UG tank Capacity :192.21 m ³ (Proposed) Fire UG tank Capacity : 675 m ³ (Existing + Proposed)



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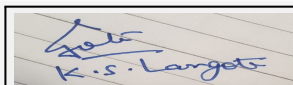
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Name: K. S. Anil D.

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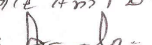
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	356.87 m ³ /day i.e.17843.48 m ³ /year
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	220.51 m ³ /day (Existing) , 277.93 m ³ /day (Proposed)
	STP technology:	MMBR
	Capacity of STP (CMD):	STP1(Existing) - 120.00 m ³ /day ,STP2(Existing) - 130.00 m ³ /day ,STP3 (Proposed) - 60.00 m ³ /day ,STP4 (Proposed) - 75.00 m ³ /day ,STP5 (Proposed) - 140.00 m ³ /day ,STP6 (Proposed) - 20.00 m ³ /day
	Location & area of the STP:	445 m ²
	Budgetary allocation (Capital cost):	STP120 - 130KLD(Existing): Rs. 60.00 Lakh , STP60KLD(Proposed) : Rs. 21.24 Lakh , STP75KLD(Proposed) : Rs. 23.90 Lakh, STP140KLD(Proposed) : Rs. 33.37 Lakh, STP20KLD(Proposed) : Rs.11.90 Lakh
	Budgetary allocation (O & M cost):	STP120 - 130KLD (Existing): Rs. 12.00 Lakh/year , STP60KLD (Proposed) : Rs. 8.44 Lakh/year , STP75KLD (Proposed): Rs. 8.47 Lakh/year , STP140KLD (Proposed): Rs. 11.00 Lakh/year , STP20KLD (Proposed): Rs.6.48 Lakh /year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Use for Leveling.
Waste generation in the operation Phase:	Dry waste:	914 kg/day (Existing:363 kg/day + Proposed:551 kg/day)
	Wet waste:	1230.50 kg/day (Existing: 544.50 kg/day + Proposed: 686 kg/day)
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	44.85kg/day (Existing + Proposed)
	Others if any:	-
Mode of Disposal of waste:	Dry waste:	Handed Over to SWaCH
	Wet waste:	Organic waste convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC.
	Others if any:	-
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	208.00 m ² (Existing: 72 m ² + Proposed: 136 m ²)
	Area for machinery:	Included in other material area



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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	OWC1 (Existing)- Rs. 10.62 Lakh , OWC 2(Existing): 10.62 Lakh, OWC 3 (Proposed)- - Rs. 11.50 Lakh , OWC4 (Proposed)- Rs. 11.50 Lakh, OWC5 (Proposed)- Rs. 13.50 Lakh , OWC6(Proposed) - Rs. 10.00 Lakh
	O & M cost:	OWC1 (Existing)-- Rs. 2.75 Lakh/year ,OWC 2 (Existing): Rs 2.71 Lakh/year ,OWC3 (Proposed)- Rs. 2.29 Lakh/year , OWC4 (Proposed)- Rs. 2.24 Lakh/year, OWC5 (Proposed)- Rs. 2.65 Lakh/year , OWC6 (Proposed)- Rs. 2.23 Lakh/year

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

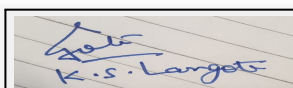
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set - 63.5KVA	HSD- 13.7 lit/hr	S - 1	4.70	As per norms	-
2	DG Set - 100 KVA	HSD- 22 lit/hr	S - 2	5.22	As per norms	-
3	DG Set - 250 KVA	HSD- 53.6 lit/hr	S - 3	6.50	As per norms	-

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	89.3 lit/hr	89.3 lit/hr

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

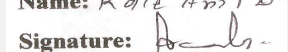
42.Mode of Transportation of fuel to site By Roadway



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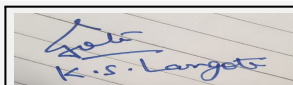
Name: K. Anil Kale
Signature: 

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43.Green Belt Development	Total RG area :	3610.89 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	744 Nos.
	List of proposed native trees :	-
	Timeline for completion of plantation :	Before Completion of Buildings

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizzia lebbek	Shirish	17	Native,deciduous, fragrant flowers
2	Areca nut	Bettle nut	15	Native,for shade, medicinal value
3	Azadirachtaindica	Neem	16	Native,semi deciduous for shade, medicinal value,for air purification
4	Bauheniapurpurea	Kanchan	48	Native,evergreen , pink flowers
5	Callestemon /Beafortia	Bottle Brush	76	For beautification ,showy flowers ,as a seasonal feature
6	Casuarina equisetifolia	Suru	05	Native,for shade, Attracts birds & insects
7	Cocos nucifera	Coconut	13	Native , fruit bearing ,attracts birds
8	Codequmviriegatum	Petra Palm	32	Native ,interesting foliage & flowering, for beautification
9	Delonix Regia	Gulmohar	11	For beautification ,showy flowers ,as a seasonal feature
10	Ficus	Ficus	29	Native ,evergreen ,beautiful foliage, fragrant flowers
11	Mangiferaindica	Mango	14	Native , evergreen ,gives shade, fruits, attracts birds & insects, cultural significance
12	Manilkarazapota	Chickoo	37	Evergreen ,for fruits, medicinal value
13	Phyllanthus emblica	Amla	22	Native, deciduous, for fruits, medicinal value
14	Plumeria alba	Chafa	42	Native ,evergreen ,beautiful foliage, fragrant flowers
15	Prunus amygdalus	Badam	11	Evergreen, fruit bearing
16	Saracaindica	Sita ,Ashok	78	Native, deciduous, beautiful flowers, medicinal value
17	Spathodia	Spathodia	17	For beautification, showy flowers, as a seasonal feature
18	Syzygiumcumini	Jamun	14	Native, evergreen for fruit
19	Topobea	Topobea	78	Native,deciduous,beautiful flowers,medicinal value
20	Tabebuia rosea	Pink Tabebuia	21	Deciduous, for beautification, showy pink flowers
21	Caryotaurens	Fishtail Palm	27	Native ,interesting foliage &flowering,for beautification



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22	Ficusracemosa	Umbhar	03	Native , attracts birds & insects , medicinal value
23	Ficusreligiosa	Pimple	03	Native ,evergreen ,beautiful foliage,fragrant flowers,for shade
24	Ficusbenghalensis	Banyan	03	Native,evergreen,very good shade giving tree ,attracts birds & insects,medicinal value,cultural value
25	Filliciumdecipiens	Fern Leaf Tree	66	Native,evergreen ,beautiful foliage
26	Artocarpusincissi	Jackfruit	08	Native,evergreen ,fruit bearing
27	Gardenia jasminoides	Anant	34	Native,evergreen , fragrant flowers
28	PunicaGranatum	Pomegranate	04	Native,grown for fruits ,medicinal value

45.Total quantity of plants on ground

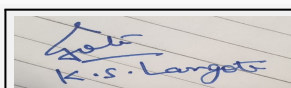
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL. (Maharashtra State Of Electricity Distribution Company Ltd.)
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	01 No. - 40 KVA
	During Operation phase (Connected load):	2147 KW (Existing) , 2632 KVA (Proposed)
	During Operation phase (Demand load):	2104 KVA.
	Transformer:	02Nos. X 630 KVA
	DG set as Power back-up during operation phase:	03 Nos. x 63.5 KVA (Existing) , 01No. x 250 KVA & 01No.x100 KVA (Proposed)
	Fuel used:	HSD - 13.7 lit/hr (Existing DG Set: 63.5 KVA) ,HSD - 53.6 lit/hr (Proposed DG Set: 250 KVA) , HSD - 22 lit/hr (Proposed DG Set:100 KVA)
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:



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- Solar Water Heating Systems Will be Done for Bathrooms.
- Solar Lights will be provided for common amenities like street lightings & Garden lightings
- 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.
- Annual Savings with energy efficient equipment's is 2 to 4 %

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	1) LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	15682.6 KWH/Annum
2	2.1) Bollard Lighter - Light Fitting For Landscape Area.	143.08 KWH/Annum
3	2.2) Recesses Wall Light. - Light Fitting For Landscape Area.	275.94 KWH/Annum
4	2.3) Planter Of Lighter - Light Fitting For Landscape Area	289.08 KWH/Annum
5	3.1) Solar Street Light Fitting - Pole Light On Road Side	1095.00 KWH/Annum
6	3.2) Street Light on the Bldg.	1314.00 KWH/Annum
7	4) Energy Saving by Solar Hot Water System.	453375 KWH/Annum

50.Details of pollution control Systems

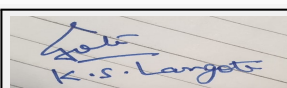
Source	Existing pollution control system	Proposed to be installed
Air	Barricating the site.	Green belt will be provided.
Water	STP is installed for Existing phase & excess treated water used for flushing & gardening.	for proposed development STP will be installed & excess treated water used for flushing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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 64.70 Lakh
	O & M cost:	Rs. 1.29 Lakh/year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year



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4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year
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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	STP1 & 2 (Existing)	Capacity -120 KLD & 130 KLD	60.00	12.00
2	STP 3 (Proposed)	Capacity - 60 KLD	21.24	8.44
3	STP 4 (Proposed)	Capacity - 75 KLD	23.90	8.47
4	STP 5 (Proposed)	Capacity - 140 KLD	33.37	11.00
5	STP 6 (Proposed)	Capacity - 20 KLD	11.90	6.48
6	RWH	-	11.00	1.00
7	MSW1 & 2 (Existing)	-	21.25	5.46
8	MSW 3 (Proposed)	-	11.50	2.29
9	MSW 4 (Proposed)	-	11.50	2.24
10	MSW 5 (Proposed)	-	13.50	2.65
11	MSW 6 (Proposed)	-	10.00	2.23
12	Solar System	-	64.70	1.29
13	Landscaping	-	47.00	7.50
14	Swimming Pool -1	-	24.57	2.22
15	Swimming Pool -2	-	24.57	2.22
16	Swimming Pool -3	-	22.86	2.22
17	Safety Equipments	-	10.00	2.00
18	Post EC Monitoring	-	-	2.50
19	Dry Waste management	-	-	4.47

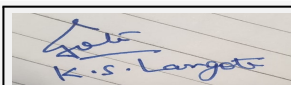
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

52.Any Other Information

No Information Available

53.Traffic Management



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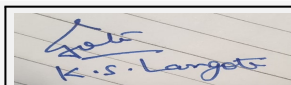
Shri. Anil Kale (Chairman SEAC-III)

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	-
	Total Parking area:	32195.20 m ²
	Area per car:	42.92 m ²
	Area per car:	42.92 m ²
	Number of 2-Wheelers as approved by competent authority:	1876
	Number of 4-Wheelers as approved by competent authority:	750
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	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.

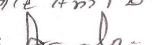
Brief information of the project by SEAC



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Environment Clearance for Proposed residential and commercial project by Omega Promoter Pvt. Ltd at S. No. 174 (p), 175 (p), 127/3 & 128/5, Wakad, Dange Chowk Road, Opp. Shree Nursery by M/s. Garve Buildcon.

PP submitted their application for Expansion of Environmental clearance for total plot area of 59,332 Sq. Mtrs, FSI area 66,041 Sq.m, Non FSI 54,823.27 Sq.m and Total Built up Area of 1,20,864.97 Sq. Mtrs. Now PP proposes to construct 19 no. residential buildings.

During meeting PP stated that they have received earlier Environmental Clearance vide letter no. 21-222/2008-1A-III dated 12.08.2009. PP agreed to construction has been done on site without revalidation of the EC. PP also stated that they have granted last completion certificate in the year 2017 for 42,000 sq.m.

DECISION OF SEAC

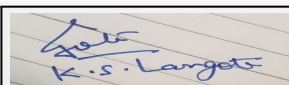
After deliberation, Committee decided to case of Violation as per the EIA Notification, 2006 issued by MoEF& CC. PP requested to consideration of case on the basis of Notification dated 14/03/2017 and 8/03/2018.

Refer to SEIAA/Environment dept.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

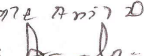
SEAC-III decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.



**K.S.Langote (Secretary
SEAC-III)**

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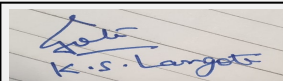
Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Environment Clearance for Proposed Amendment in Environmental Clearance of Mixed Use Development Project

Is a Violation Case: No

1.Name of Project	addressOne
2.Type of institution	Private
3.Name of Project Proponent	Peninsula Land Ltd. (an Ashok Piramal Group company)
4.Name of Consultant	Building Environment India Pvt.Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	The project received Environmental Clearance on 17th October, 2011 vide File. No.: SEAC-2010/CR.892/TC.2 for a total plot area of 2, 02,857.00 sq.mt and B.U.A of 2, 65,233.20 sq.mt (FSI Area: 1, 62,117.20 sq.mt and Non-FSI Area: 1, 03,116.00 sq.mt) in the name of M/s. City Parks Pvt.Ltd. with a validity date 17th October, 2016. Later on the M/s. City Parks Pvt.Ltd merged into Peninsula Land Ltd. As per OM dated 12th April, 2016 by MoEF &CC regarding the Extension of validity of Environmental Cle
8.Location of the project	Gut no 184, 186, 190, 192, 195, 222, 223, 224 at Gahunje, Pune.
9.Taluka	Maval
10.Village	Gahunje
Correspondence Name:	Mr. Chandrashekhar Ogale (Authorised Signatory Peninsula Land Ltd)
Room Number:	1, Peninsula Spenta,
Floor:	1, Peninsula Spenta,
Building Name:	1, Peninsula Spenta,
Road/Street Name:	Mathuradas Mill, Senapati Bapat Marg,
Locality:	Lower Parel
City:	Mumbai 400013
11.Area of the project	Pune Metropolitan Region Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Concession Layout approved by PMRDA
	IOD/IOA/Concession/Plan Approval Number: Plot A: BMA/C.R.No-1282/17-18/Mouza Gahunje, G.No-184 & Ors Dt: 01.02.2018; Plot B: BMA/C.R.No-1282/17-18/Mouza Gahunje, G.No-184 & Ors , Dt: 01.02.2018
	Approved Built-up Area: 241695
13.Note on the initiated work (If applicable)	Work not yet started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1,98,200.00 sq.mt
16.Deductions	(a) 4,778.19 sq.mt Road Set Back (b) 29,013.22 sq.mtrs Amenity Plots, Total: 33,791.41 sq.mt
17.Net Plot area	1,64,408.59 sq.mt
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Plot A- 92,230.41 sq.mt.; Plot B- 82,736.46 sq.mt; Club House on Plot A- 1,662.73 sq.mt; Club House on Plot B- 1,238.59 sq.mt. ; Total: 1,77,868.19 sq.mt.
	b) Non FSI area (sq. m.): Plot A- 24,278.70 sq. mt.; Plot B- 32,747.22 sq. mt.; Club House on Plot A- 962.73 sq.mt.; Club House on Plot B- 838.59 sq.mt.; Services Area- 5,000.00 sq.mt.; Total: 63,827.24 sq.mt.
	c) Total BUA area (sq. m.): 241695
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Plot A- 21,701.10 sq.mt.; Plot B- 10,627.02 sq.mt.; Club House on Plot A- 1108.00 sq.mt.;Club House on Plot B- 825.72 sq.mt.; Total: 34,261.84 sq.mt.



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20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.83%
21. Estimated cost of the project	8723394303

22. Number of buildings & its configuration

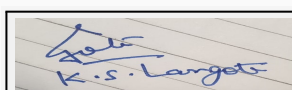
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Plot A, 113 Nos.	G+4 upper flrs.	14.95 mt
2	Plot B, 18 Nos.	G+11 upper flrs.	36.00 mt.
3	Plot A Club House , 9 Nos.	G+1	8.40 mt
4	Plot B Club House , 4 Nos.	G+1	8.40 mt

23. Number of tenants and shops	Plot A: Residential Apartments : 2240 nos. Shops on : 30 Nos. Plot B: Residential Apartments : 792 nos Total Residential Units: 3032 Nos. Total Shops: 30 Nos.
24. Number of expected residents / users	Plot A: 9,708.00 Nos.; Plot B: 4356.00 Nos.; Total: 14,064.00 Nos.
25. Tenant density per hectare	154.49 Tenants / 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))	18.00 mtrs
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
29. Existing structure (s) if any	NA
30. Details of the demolition with disposal (If applicable)	Currently open land, construction not yet started . No existing structures on site 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

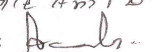
32. Total Water Requirement



K.S. Langote (Secretary SEAC-III)

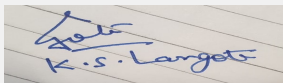
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Dry season:	Source of water	PCMC/ Recycled Water								
	Fresh water (CMD):	Plot A: 847.00 ; Plot B:393.00; Total: 1240.00								
	Recycled water - Flushing (CMD):	Plot A: 508.00 ; Plot B:251.00; Total: 759.00								
	Recycled water - Gardening (CMD):	Plot A: 84.80; Plot B:54.00; Total:139.00								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	Plot A: 1440.00; Plot B: 698.00; Total: 2138.00								
	Fire fighting - Underground water tank(CMD):	For Plot B: 150.00 KLD								
	Fire fighting - Overhead water tank(CMD):	For Plot B: 18 x 5.00 KLD								
	Excess treated water	Plot A: 408.00, Plot B: 197.00; Total: 605.00								
Wet season:	Source of water	PCMC/ Recycled Water								
	Fresh water (CMD):	Plot A: 847.00 ; Plot B:393.00; Total: 1240.00								
	Recycled water - Flushing (CMD):	Plot A: 508.00 ; Plot B:251.00; Total: 759.00								
	Recycled water - Gardening (CMD):	--								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	Plot A: 1355.00; Plot B: 644.00; Total: 1999.00								
	Fire fighting - Underground water tank(CMD):	For Plot B: 150.00 KLD								
	Fire fighting - Overhead water tank(CMD):	For Plot B: 18 x 5.00 KLD								
	Excess treated water	Plot A: 493.00, Plot B: 251.00; Total: 744.00								
Details of Swimming pool (If any)	--									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Ground water table is reported at depths between 1.0m and 4.25m below ground surface in the boreholes completed for original geotechnical investigation during rainy seasons
	Size and no of RWH tank(s) and Quantity:	---
	Location of the RWH tank(s):	--
	Quantity of recharge pits:	Plot A:11 Nos.; Plot B: 9 Nos.; Total: 20 Nos.
	Size of recharge pits :	3.00 mt x 35.00 mt. depth
	Budgetary allocation (Capital cost) :	Attached
	Budgetary allocation (O & M cost) :	Attached
	Details of UGT tanks if any :	Underground tank of adequate capacity will be provided for Domestic, Flushing, fire Fighting, STP, RWH Plot A: Domestic: Sec-1:118.00 KLD; Sec-2:117.00 KLD & 163.00 KLD; Sec-3: 217.00 KLD; Sec-4:231.00 KLD; Plot B: Domestic: 393.00 KLD; Plot A: Flushing: Sec-1:67.00 KLD; Sec-2:63.00 KLD & 99.00 KLD; Sec-3: 124.00 KLD; Sec-4:154.00 KLD; Plot B: Flushing: 251.00 KLD;
35.Storm water drainage	Natural water drainage pattern:	slope towards west
	Quantity of storm water:	0.17 m3 /sec
	Size of SWD:	Attached
Sewage and Waste water	Sewage generation in KLD:	Plot A: 1107.00; Plot B: 551.00; Total : 1658.00
	STP technology:	MBBR
	Capacity of STP (CMD):	Plot A: Sector-1: 1x 155.00 KLD; Sector-2: 1 x 152.00 KLD & 1 x 211.00 KLD; Sector-3 : 1 x 282.00 KLD; & Sector-4 : 1x 301.00 KLD ;Plot B: 1) 1X510 KLD
	Location & area of the STP:	Under ground
	Budgetary allocation (Capital cost):	attached
	Budgetary allocation (O & M cost):	attached
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	0.81 T/day
	Disposal of the construction waste debris:	waste generation from proposed phases 30% will be recycled on site & remaining will be handed over to Authorised Recycles as per C&D waste Management Rule,2016
Waste generation in the operation Phase:	Dry waste:	Plot A:1099.00 Kg/day; Plot B: 815.00 Kg/day; Total: 1914.00 Kg/day
	Wet waste:	Plot A: 1959.00 Kg/day; Plot B: 656.00 Kg/day; Total: 2615.00 Kg/day
	Hazardous waste:	Spent pol from DG
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Plot A: 173.00 Kg/day; Plot B: 87.00 Kg/day; Total: 260.00 Kg/day
	Others if any:	--

Mode of Disposal of waste:	Dry waste:	Will be handed over to Authorised Recyclers as per MSW Rule,2016
	Wet waste:	Will be treated in OWC
	Hazardous waste:	waste generation from Phase-I , used for land levelling purpose; from proposed phases 30% will be recycled on site & remaining will be handed over to Authorised Recycles as per C&D waste Management Rule,2016
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	--
Area requirement:	Location(s):	attached
	Area for the storage of waste & other material:	attached
	Area for machinery:	attached
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	attached
	O & M cost:	attached

37.Effluent Charecterestics

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

38.Hazardous Waste Details

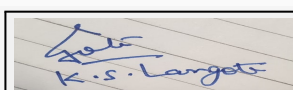
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

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

40.Details of Fuel to be used

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



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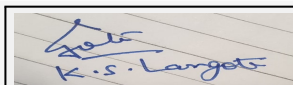
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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	PLOT A- 11084.88 sq.mt . PLOT B- 8257.26 sq.mt ;Total 19,342.14 sq.mt		
	No of trees to be cut :	Attached		
	Number of trees to be planted :	Attached		
	List of proposed native trees :	Attachd		
	Timeline for completion of plantation :	Throughout the construction phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Attachd	Attachd	Attachd	Attachd
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	Attachd	Attachd	Attachd	
47.Energy				
Power requirement:	Source of power supply :	MSEDCL		
	During Construction Phase: (Demand Load)	274.00 kW		
	DG set as Power back-up during construction phase	62.50 kVA & 50.00 kVA		
	During Operation phase (Connected load):	Plot A: 5051.29 KW; Plot B: 5373.25 KW; Total: 10,424.54 KW		
	During Operation phase (Demand load):	Plot A: 3411.93 KW; Plot B: 2580.39 KW; Total: 5992.32 KW		
	Transformer:	Plot A: Sector-1: 1000 kVA-1 Nos.; Sector-2: 1000 kVA-2Nos. & 630 kVA-1 Nos.; SEctor 3& 4: 1000 kVA-4Nos & 315 kVA-1Nos; Plot-B: 4x1000 KVA		
	DG set as Power back-up during operation phase:	Plot A: Sector-1: 200 kVA-1Nos.; Sector-2: 160 kVA-1Nos. & 200 kVA-1Nos.; SEctor 3& 4: 1600 kVA-1Nos.; Plot-B: 1x 630 KVA		
	Fuel used:	Diesel		
Details of high tension line passing through the plot if any:	No			
48.Energy saving by non-conventional method:				



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Attached
Plot A: 23.76 %
Plot A: 29.98%

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Attached	Attached

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:	Attached
	O & M cost:	Attached

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust Pollution	Water Sprinkling	6.50
2	EHS	Site Sanitation,Health Checkup, Labour Children Creche	12.00
3	Env Monitoring	--	2.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Attached	Attached	Attached	Attached

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

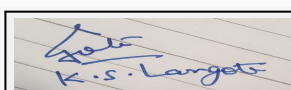
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

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



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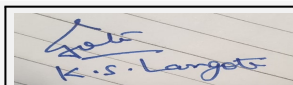
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Parking details:	Number and area of basement:	--
	Number and area of podia:	--
	Total Parking area:	Plot A (Car- 4412.5 Sq.Mt., Scooter - 9326 Sq.Mt. Cycle 6528.2 Sq.Mt.) Plot B (Car- 4,950 Sq.Mt., Scooter - 2376 Sq.Mt. Cycle 1,663.2 Sq.Mt.)
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Plot A (Scooter - 4663, cycle 4663) Plot B (Scooter - 1188, cycle 1188)
	Number of 4-Wheelers as approved by competent authority:	Plot A (Car- 353) Plot B (Car- 396)
	Public Transport:	--
	Width of all Internal roads (m):	--
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	--
	Category as per schedule of EIA Notification sheet	8b
	Court cases pending if any	No
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



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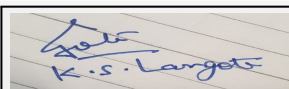
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Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Proposed Amendment in Environment Clearance for Mixed use Development on Gut No. 184, 186, 190, 192, 195, 222, 223, 224 at Gahunje, Tal Marvel, Dist- Pune by M/s. Peninsula Land Ltd (Ashok Piramal Group Company) .

PP submitted their application for Expansion of Environmental clearance for total plot area of 1,98,200.00 Sq. Mtrs, FSI area 1,77,868.19 Sq.m, Non FSI 63,827.24 Sq.m and Total Built up Area of 2,41,695 Sq. Mtrs. Now PP proposes to construct Plot A, 113 Nos, Plot B, 18 Nos buildings, on Plot A Club House 9 nos and Plot B Club House 4 Nos.

DECISION OF SEAC

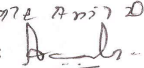
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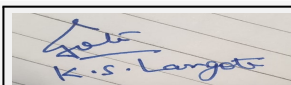
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**Shri. Anil Kale (Chairman
SEAC-III)**

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 details of commercial area in consolidated statement.
- 3) PP to submit condition wise compliance report of earlier EC conditions.
- 4) PP to submit architect certificate of work initiated on site as per earlier EC.
- 5) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 6) 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.
- 7) 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.
- 8) PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 13) PP to submit cross section of all buildings.
- 14) PP to submit parking area statement as per DCR.
- 15) PP to submit cross section of basement showing width and slope of ramp.
- 16) PP to submit details of basement parking.
- 17) 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.
- 18) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 19) PP to carry out fugitive dust monitoring by using local meteorological data.
- 20) 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.
- 21) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 22) PP to submit disaster management plan.
- 23) PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
- 24) 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.
- 25) PP to submit phase wise development plan considering wind rose diagram.
- 26) 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.
- 27) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 28) 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.
- 29) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 30) 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
- 31) PP to submit details hydro geological survey report with graphs & data.
- 32) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 33) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 34) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 35) 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.
- 36) PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.
- 37) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 38) 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.
- 39) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.



**K.S.Langote (Secretary
SEAC-III)**

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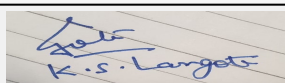
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Name: K. Anil Kale
Signature: Anil Kale
**Shri. Anil Kale (Chairman
SEAC-III)**

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.

SEAC-AGENDA-00000000119



**K.S.Langote (Secretary
SEAC-III)**

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Name: K 072 Anil D.

Signature:

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

Agenda for 67 th Meeting of SEAC-3 (Day-3)

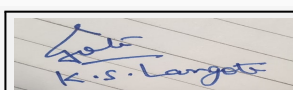
SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for "Proposed Residential & Commercial Development" at S. No. 134/1/43/1(P),134/1/43/2+44/1+44/2[C.T.S. No. 2192(P)+2204 to 2211+2212 to 2218 2219 to 2235+2252 to 2256 + 2257+2258+2259+2260+2261+2262) at village Pashan, Haveli Pune.

Is a Violation Case: No

1.Name of Project	Proposed Residential & Commercial Development "Montclaire"
2.Type of institution	Private
3.Name of Project Proponent	Niraj kumar Associates Pvt Ltd
4.Name of Consultant	ULTARTECH (Environmental Consultancy & Laboratory)
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, we have obtained previous EC vide letter No SEAC III 2014/CR 142/TC-3 dated 14th December 2015.
8.Location of the project	S. No. 134/1/43/1(P), 134/1/43/2+44/1+44/2 [C.T.S. No. 2192(P)+2204 to 2211+2212 to 2218 2219 to 2235+2252 to 2256 + 2257+2258+2259+2260+2261+2262)
9.Taluka	Haveli
10.Village	Pashan
Correspondence Name:	Mr. Jayant Kaneria
Room Number:	129/2
Floor:	NA
Building Name:	Mont Vert Marc
Road/Street Name:	Pashan -Sus Road,
Locality:	Pashan
City:	Pune
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: 25913.0
13.Note on the initiated work (If applicable)	We have initiated work as per earlier EC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	13,750.0 m2
16.Deductions	5112.4 m2
17.Net Plot area	8637.6 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 25,912.80 m2.
	b) Non FSI area (sq. m.): 31,969.84 m2
	c) Total BUA area (sq. m.): 57882.64
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 25,912.80 m2.
	Approved Non FSI area (sq. m.): 31,969.84 m2
	Date of Approval: 11-05-2018
19.Total ground coverage (m2)	3266.16 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43%
21.Estimated cost of the project	975000000

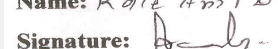
22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

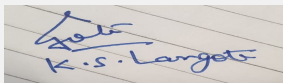
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Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A-type	(B.P.+L.G +(GR + 1) + 4P + P + 21FL	99.925 m	
2	B-type	(B.P.+L.G +(GR + 1) + 4P +P + 21FL	99.925 m	
3	Commercial	G+1	8.5	
23.Number of tenants and shops	No. of Residential Tenements: 78 nos. Commercial: 4 Showrooms			
24.Number of expected residents / users	Residential: 390 Floating: 813			
25.Tenant density per hectare	60			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 m.Wide road abutting to site.			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12m			
29.Existing structure (s) if any	We have initiated work as per earlier EC			
30.Details of the demolition with disposal (If applicable)	Not applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



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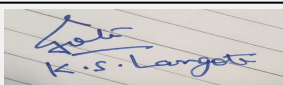
Dry season:	Source of water	PMC
	Fresh water (CMD):	55
	Recycled water - Flushing (CMD):	35
	Recycled water - Gardening (CMD):	21
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	111
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	300
	Excess treated water	18
Wet season:	Source of water	PMC
	Fresh water (CMD):	55
	Recycled water - Flushing (CMD):	35
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	100
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	300
	Excess treated water	39

Details of Swimming pool (If any)

- Dimension of Swimming Pool: 4.5 m X 4.5 m X 0.45m and 4.5m X 16m X 1.2m
- Total water Requirement in KL:100 KL (total capacity)
- Water requirement for make up in KLD: 10

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	0	55	55	0	5.5	5.5	0	49.5	50
Domestic	0	35	35	0	3.5	3.5	0	31.5	32
Gardening	0	21	21	0	0	0	0	0	0



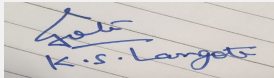
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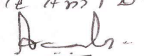
Name: K. S. Anil D.
Signature: [Signature]
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	12-15 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	4 nos.
	Size of recharge pits :	2.3 m x 2.5 m depth
	Budgetary allocation (Capital cost) :	12 Lacs
	Budgetary allocation (O & M cost) :	0.3 Lacs
	Details of UGT tanks if any :	NA
35.Storm water drainage	Natural water drainage pattern:	N to S
	Quantity of storm water:	0.081 m ² /sec
	Size of SWD:	400 mm dia
Sewage and Waste water	Sewage generation in KLD:	82 KLD
	STP technology:	MMBR
	Capacity of STP (CMD):	60 & 45 KLD
	Location & area of the STP:	As per layout & 76 m ²
	Budgetary allocation (Capital cost):	28.8 Lacs
	Budgetary allocation (O & M cost):	13.5 Lacs/Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	37 Kg/day
	Disposal of the construction waste debris:	used for leveling
Waste generation in the operation Phase:	Dry waste:	200 kg/day
	Wet waste:	198 kg/day
	Hazardous waste:	Not any
	Biomedical waste (If applicable):	Not any
	STP Sludge (Dry sludge):	8 Kg/day
	Others if any:	Not any


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Mode of Disposal of waste:	Dry waste:	Handed over to authorized recyclers
	Wet waste:	Composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC.
	Others if any:	Not any
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	46 Sq. m2.
	Area for machinery:	21.25 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10 Lacs
	O & M cost:	3.14 Lacs/annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

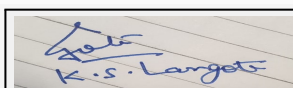
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	750	HSD	1	3.5	125 mm	450 degree C
2	250	HSD	1	3.5	125 mm	450 degree C

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	HSD	HSD
41. Source of Fuel		Near by pumps		
42. Mode of Transportation of fuel to site		via road		



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43.Green Belt Development	Total RG area :	1016.18 m2
	No of trees to be cut :	0
	Number of trees to be planted :	130 nos.
	List of proposed native trees :	130 nos.
	Timeline for completion of plantation :	Till the completion of project

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

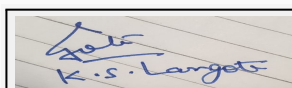
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Chikoo	Manikara zapota	7	Fruit bearing evergreen tree
2	Champa	Michelia champaca	15	Flower bearing evergreen tree
3	Bakul	Mimusopes elengi	14	Flower bearing evergreen tree
4	Weeping fig	Ficus benjamina	14	Fruit bearing evergreen tree
5	Golden shower	Cassia fistula	7	Flower bearing deciduous tree
6	Flame tree	Butea monosperma	15	Flower bearing deciduous tree
7	Pink shower	Cassia grandis	14	Flower bearing deciduous tree
8	Sita ashok	Saraca indica	6	Flower bearing evergreen tree
9	Royal palm	Roystonea regia	11	evergreen tree
10	Jambhul	Syzygium cumini	15	Fruit bearing evergreen tree
11	Kadamba tree	Neolamarkia cadamba	7	Flower bearing evergreen tree
12	Mango tree	Mangifera indica	5	Fruit bearing 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	Not applicable	Not applicable	Not applicable

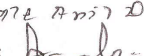
47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	125 KVA
	During Operation phase (Connected load):	2352 KW
	During Operation phase (Demand load):	1162 KVA
	Transformer:	3 nos. of 630 KVA
	DG set as Power back-up during operation phase:	Residential 750 KVA - 1 No. and Commercial 250 KVA - 1 No
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

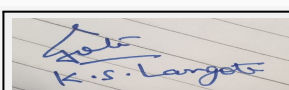
- Solar Water Heating Systems Will Be Done For Bathrooms.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common 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	<ul style="list-style-type: none"> • Solar Water Heating Systems Will Be Done For Bathrooms. • 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 li 	22.5%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Emission form DG sets	Not applicable	DG sets compliant to CPCB norms
MSW	Not applicable	OWC

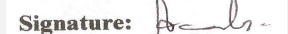


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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	73 Lacs
	O & M cost:	7 Lacs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

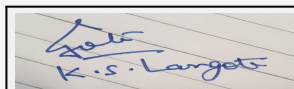
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water For Dust Suppression Air & Noise monitoring	1.08
2	Water Environment	Tanker water for construction Water monitoring	2.7
3	Land Environment	Site Sanitation Maintenance	4.2
4	Biological Environment	Gardening	0.38
5	Socio- Economic Environment	Disinfection at site Safety, First Aid, Health Hygiene Facilities Health Check Up Crèches for children Personal Protective Equipment	2.51

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage treatment	28.8	13.5
2	Rain water harvesting	RWH Pits	12	0.3
3	Environmental monitoring	Environmental monitoring	MoEF&CC approved laboratory	8.15
4	ELECTRICAL	Solar Water Heating & Solar Street Light	73	7.0
5	Gardening	Landscaping	38.1	1.85
6	Swimming pool	Equipment's and treatment	15.38	1.4
7	Solid waste management	Garbage treatment	10	3.14
8	Parking	Basement ventilation, illumination & pumping	75.25	2.0

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



**K.S.Langote (Secretary
SEAC-III)**

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SEAC-III)**

52.Any Other Information

No Information Available

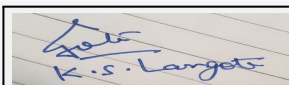
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 24 m & 36 m wide DP road .
Parking details:	Number and area of basement:	2 no. (Basement and lower ground) having 6206.76 Sq m)
	Number and area of podia:	1 nos. having 1,878.05 sq m
	Total Parking area:	12,776.20 sq m
	Area per car:	30 sq m
	Area per car:	30 sq m
	Number of 2-Wheelers as approved by competent authority:	523
	Number of 4-Wheelers as approved by competent authority:	364
	Public Transport:	via bus
	Width of all Internal roads (m):	6 m, 9 m, 12 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC



K.S.Langote (Secretary SEAC-III)

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Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Proposed residential and commercial development at S. No. 134/1/43/1(P), 134/1/43/2 +44/1 +44/2 (CTS 2192(P) +2204 to 2211+2212 to 2218, 2219 to 2235 + 2252 to 2256 + 2257 +2258 +2259 + 2260 +2261 + 2262 at village Pashan, Haveli, Pune by M/s. Nirajkumar Associates Pvt. Ltd.

PP submitted their application for Expansion of Environmental clearance for total plot area of 13,750 Sq. Mtrs, FSI area 25,912.80 Sq.m, Non FSI 31,969.84 Sq.m and Total Built up Area of 57,882 Sq. Mtrs. Now PP proposes to construct A-Type & B- Type building and 1 commercial building.

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

DECISION OF SEAC

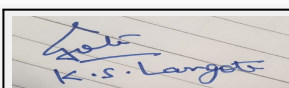
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions

Specific Conditions by SEAC:

- 1) PP to submit Drainage NOC.
- 2) PP to submit six monthly compliance monitoring report.
- 3) PP to submit present status of construction work.
- 4) PP to submit floor wise plan showing change in vertical growth
- 5) PP to submit E-waste NOC.
- 6) PP to submit details for CER activities.

FINAL RECOMMENDATION

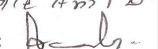
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



**K.S.Langote (Secretary
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Agenda for 67 th Meeting of SEAC-3 (Day-3)

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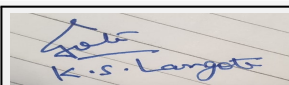
Subject: Environment Clearance for Proposed Building construction

Is a Violation Case: No

1.Name of Project	Gruhyog
2.Type of institution	Private
3.Name of Project Proponent	Mr. Pravinsinh Jaysinghrao Ghatge
4.Name of Consultant	Mr. Rajesh Shvarivasta PECS, Pollution & Ecology control Services
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	R.S. No. 950, E-ward, Adjacent to Renuka Mandir, Bawada, Kolhapur
9.Taluka	Karveer
10.Village	-
Correspondence Name:	Mr. Pravinsinh Jaysinghrao Ghatge
Room Number:	-
Floor:	-
Building Name:	Paga Building
Road/Street Name:	Collector Office Road
Locality:	Nagala Park
City:	Kolhapur
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	Kolhapur Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 22724.88
13.Note on the initiated work (If applicable)	Construction completed as per sanction.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	8495.96 Sqm
16.Deductions	195.96 Sqm
17.Net Plot area	8300 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 13694.16
	b) Non FSI area (sq. m.): 10622.64
	c) Total BUA area (sq. m.): 24316.80
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12281.72
	Approved Non FSI area (sq. m.): 10443.16
	Date of Approval: 17-05-2018
19.Total ground coverage (m2)	2129.07
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.66 %
21.Estimated cost of the project	454624512

22.Number of buildings & its configuration

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

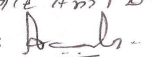


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Signature: 

Shri. Anil Kale (Chairman SEAC-III)

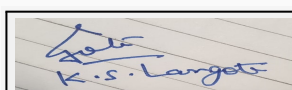
1	Wing A	Stilt +9	30
2	Wing B	Stilt + 7	24
3	Wing C	Stilt +7	24
4	Wing D	Stilt + 8	27
5	Club House	Stilt + 1	-

23.Number of tenants and shops	No. of Tenants- 300 No.of Shops- Shops of commercial area
24.Number of expected residents / users	Residential Users- 1500 Nos. Commercial Users- 170 Nos.
25.Tenant density per hectare	362 Tenemants /Hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 M wide approach road
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	Construction done as per sanction
30.Details of the demolition with disposal (If applicable)	No Demolition Proposed

31.Production Details

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

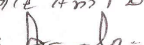
32.Total Water Requirement



K.S.Langote (Secretary SEAC-III)

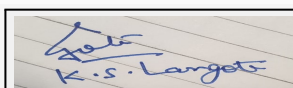
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Name: K. S. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Kolhapur Municipal Corporation							
	Fresh water (CMD):	138.4							
	Recycled water - Flushing (CMD):	71.75							
	Recycled water - Gardening (CMD):	6.89							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	217.04							
	Fire fighting - Underground water tank(CMD):	200.0 Cum							
	Fire fighting - Overhead water tank(CMD):	--							
	Excess treated water	131.51							
Wet season:	Source of water	Kolhapur Municipal Corporation							
	Fresh water (CMD):	138.4							
	Recycled water - Flushing (CMD):	71.75							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	210.15							
	Fire fighting - Underground water tank(CMD):	200.0 Cum							
	Fire fighting - Overhead water tank(CMD):	--							
	Excess treated water	138.4							
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



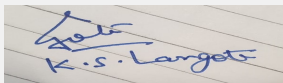
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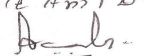
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	18 M BGL
	Size and no of RWH tank(s) and Quantity:	Harvesting proposed in Recycled Water Tank with filtration
	Location of the RWH tank(s):	Collected in raw water tank
	Quantity of recharge pits:	4 Nos. of recharge pits proposed
	Size of recharge pits :	2M X 2M X 3M
	Budgetary allocation (Capital cost) :	Rs. 2.60 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.11 Lacs P.A.
	Details of UGT tanks if any :	UGT capacity - 241 Cum Fire Fighting UGT- 200 Cum
35.Storm water drainage	Natural water drainage pattern:	West to East
	Quantity of storm water:	2816.53 Cum
	Size of SWD:	450 mm to 600 mm
Sewage and Waste water	Sewage generation in KLD:	210.15
	STP technology:	MBBR
	Capacity of STP (CMD):	STP of capacity- 220 KLD
	Location & area of the STP:	Shown on the plan
	Budgetary allocation (Capital cost):	Rs. 30.0 Lacs
	Budgetary allocation (O & M cost):	Rs. 3.30 Lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	3 Kg/day
	Disposal of the construction waste debris:	to be disposed through authorized agency & recyclers
Waste generation in the operation Phase:	Dry waste:	317 Kg/day
	Wet waste:	458.5 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	NIL
	STP Sludge (Dry sludge):	19.98 Kg/day
	Others if any:	NA


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SEAC-III)

Mode of Disposal of waste:	Dry waste:	Through Authorized agency
	Wet waste:	Composting
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Composting
	Others if any:	NA
Area requirement:	Location(s):	Shown on plan
	Area for the storage of waste & other material:	25 sqm
	Area for machinery:	Considered in above area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 10.1 Lacs
	O & M cost:	Rs. 2.0 Lacs P.A

37. Effluent Characteristics

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

38. Hazardous Waste Details

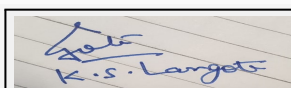
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



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43.Green Belt Development	Total RG area :	1147.97
	No of trees to be cut :	Nil
	Number of trees to be planted :	Existing trees- 250 Plantation required as per Rule- 104 Proposed plantation - NIL
	List of proposed native trees :	Plantation not proposed as existing trees are 250 in No.
	Timeline for completion of plantation :	NA

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	NA	NA	NA	NA

45.Total quantity of plants on ground

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

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

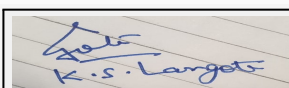
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	40 KVA
	During Operation phase (Connected load):	1112 KW
	During Operation phase (Demand load):	630 KW
	Transformer:	630 KVA- 1 No
	DG set as Power back-up during operation phase:	125 KVA- 1 No
	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- 0.59 %
Time logic controller- 1.23 %
Electronic V3F drive for lifts- 0.53%
Solar water heater- 11.35 %

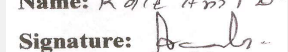
Total Saving- 13.70 %



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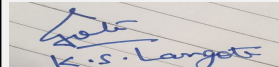
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49.Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures	Saving %		
1	Solar PV panels	0.59%		
2	Time logic controller	1.23%		
3	Electronic V3F drive for lifts	0.53%		
4	Solar water heater	11.35%		
50.Details of pollution 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. 43.38 Lac		
	O & M cost:	Rs. 1.84 Lacs		
51.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Water for construction & Labour	-	0.97	
2	Site Sanitation & Safety	Health & Safety	1.60	
3	Environmental Monitoring	Pollution Control	1.80	
4	Disinfection	Health & Safety	0.50	
5	Health Check up	Health & Safety	0.50	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RHW Pits	2.60	0.11
2	Sewage Treatment Plant	Waste water treatment	30.0	3.30
3	Organic Waste Composting	Solid waste management	10.1	2
4	Tree Plantation	Landscape development	0.00	4.15
5	Energy saving	Non conventional measures	43.38	1.84
6	Environment Monitoring	Pollution control	-	1.80
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				



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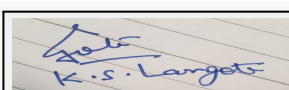
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 No.
Parking details:	Number and area of basement:	NIL
	Number and area of podia:	NIL
	Total Parking area:	3280.55 Sqm
	Area per car:	13.75 Sqm
	Area per car:	13.75 Sqm
	Number of 2-Wheelers as approved by competent authority:	338 Nos.
	Number of 4-Wheelers as approved by competent authority:	102 Nos.
	Public Transport:	Not proposed
	Width of all Internal roads (m):	6 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Nil
	Other Relevant Informations	NA



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	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 building construction at R.S No. 950, E-ward, Adjacent to Renuka Mandir, Bawada, Kolhapur by Mr. Pravinsinh Jaysinghrao Ghatge (Gruhyog)

PP submitted their application for Expansion of Environmental clearance for total plot area of 8495.96 Sq. Mtrs, FSI area 13,694.16 Sq.m, Non FSI 10,622.64 Sq.m and Total Built up Area of 24,316.80 Sq. Mtrs. Now PP proposes to construct 4 residential buildings.

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

DECISION OF SEAC

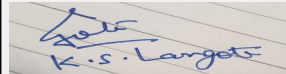
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit revised DMP with cost and showing lightning arrester
- 2) PP to submit STP details.
- 3) PP to submit geohydrological report.
- 4) PP to submit mitigation plan to avoid inconvenience to the existing occupants' Due to ongoing work.
- 5) PP to submit details of socioeconomic infrastructure of project vicinity.
- 6) PP to submit E-waste NOC.
- 7) PP to submit details for CER activities

FINAL RECOMMENDATION

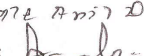
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



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Agenda for 67 th Meeting of SEAC-3 (Day-3)

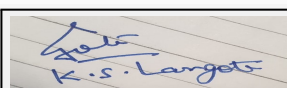
SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Construction for Residential and Commercial Project at R.S.No. 1334, Hissa No. 04 , 'A Ward KII Karveer, Kolhapur , Maharashtra

Is a Violation Case: No

1.Name of Project	Ideal Colony
2.Type of institution	Private
3.Name of Project Proponent	Mr. Atul Powar
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) - 400 604., Maharashtra, India. PH: 91-22-2580 1529/21/46 Accreditation No : NABET/EIA/1518/RA0066
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	NA
8.Location of the project	R.S.No. 1334, Hissa No. 04 , 'A Ward KII, Sutarmala
9.Taluka	Karveer
10.Village	Kolhapur
Correspondence Name:	Mr. Atul Powar
Room Number:	R.S. No 38 B,
Floor:	1st Floor,
Building Name:	Jupiter Complex
Road/Street Name:	Near Hotel Vrushali
Locality:	Tarabai Park
City:	Kolhapur
11.Area of the project	Yes , Kolhapur Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area: 38190.12
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MHADA Applicable
15.Total Plot Area (sq. m.)	16090.00 sq.mt.
16.Deductions	600.00 sq.mt.
17.Net Plot area	15490.00 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 27560.72 sq.mt. (Including MHADA FSI: 3237.30) b) Non FSI area (sq. m.): 10628.40 sq.mt. (Including MHADA NON FSI 435.54 sqm) c) Total BUA area (sq. m.): 38190.12
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	3431.80
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.46%
21.Estimated cost of the project	462000000

22.Number of buildings & its configuration

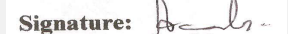


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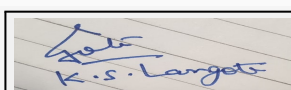
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	Stilt + 9	30m
2	Wing B	Stilt + 9	30m
3	Wing C	Stilt + 9	30m
4	Wing D	Stilt + 9	30m
5	Commercial Building	Basement + G+ 3	16m

23.Number of tenants and shops	Tenements 536 Nos , Shop 10 Nos, 6 halls
24.Number of expected residents / users	Resi. 2680 Nos, 240 Nos
25.Tenant density per hectare	333.12 /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 1.9 km (Fulewadi Fire Station)
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



K.S.Langote (Secretary SEAC-III)

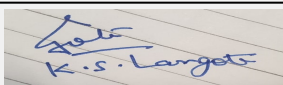
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Dry season:	Source of water	KMC								
	Fresh water (CMD):	Resi. 241.20 m3/day, Comm: 9.68 m3/day								
	Recycled water - Flushing (CMD):	Resi. 120.6 m3/day, Comm: 12.10 m3/day								
	Recycled water - Gardening (CMD):	12.47 m3/day								
	Swimming pool make up (Cum):	No								
	Total Water Requirement (CMD) :	Resi. 374.27 m3/day, Comm: 21.78 m3/day								
	Fire fighting - Underground water tank(CMD):	200 m3								
	Fire fighting - Overhead water tank(CMD):	20m3								
	Excess treated water	156.38 m3/day, Comm: 5.32 m3/day								
Wet season:	Source of water	KMC								
	Fresh water (CMD):	Resi. 241.20 m3/day, Comm: 9.68 m3/day								
	Recycled water - Flushing (CMD):	Resi. 120.6 m3/day, Comm: 12.10 m3/day								
	Recycled water - Gardening (CMD):	--								
	Swimming pool make up (Cum):	No								
	Total Water Requirement (CMD) :	Resi. 361.8 m3/day, Comm: 21.78 m3/day								
	Fire fighting - Underground water tank(CMD):	200 m3								
	Fire fighting - Overhead water tank(CMD):	20m3								
	Excess treated water	143.91 m3/day, Comm: 5.32 m3/day								
Details of Swimming pool (If any)	No Provided									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



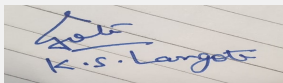
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon : 4.70 m Pre monsoon : 8.70 m
	Size and no of RWH tank(s) and Quantity:	Not Provided
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 Nos
	Size of recharge pits :	1.5 X 1.5 X 1.5
	Budgetary allocation (Capital cost) :	1.83 Lacs
	Budgetary allocation (O & M cost) :	0.25 Lacs/Yr
	Details of UGT tanks if any :	Domestic UG tank Capacity : 377 Cum Flushing UG tank Capacity : 200 Cum
35.Storm water drainage	Natural water drainage pattern:	South to North
	Quantity of storm water:	501.43 m ³ /hr
	Size of SWD:	450 mm dia
Sewage and Waste water	Sewage generation in KLD:	Resi. 328 KLD, Comm. :
	STP technology:	MBBR
	Capacity of STP (CMD):	STP1: 330 KLD (Resi), STP 2 : 20 KLD
	Location & area of the STP:	N W Corner
	Budgetary allocation (Capital cost):	80.50 Lacs
	Budgetary allocation (O & M cost):	11.10 Lacs/Yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated Soil will be further use for landscaping and land leveling
	Disposal of the construction waste debris:	Excavated Soil will be further use for landscaping and land leveling
Waste generation in the operation Phase:	Dry waste:	609 Kg/day
	Wet waste:	852 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	38.2 kg
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Dry waste will be sent for recycling to KMC
	Wet waste:	Wet waste will be converting to composting for by OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge sent to SWM site for converting in to compost
	Others if any:	NA
Area requirement:	Location(s):	Near to STP
	Area for the storage of waste & other material:	12 m
	Area for machinery:	52 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25.75
	O & M cost:	7.90 lakhs/Yr

37. Effluent Characteristics

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

38. Hazardous Waste Details

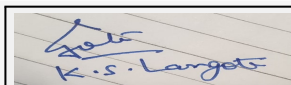
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



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43.Green Belt Development	Total RG area :	1550 Sqm
	No of trees to be cut :	No
	Number of trees to be planted :	227
	List of proposed native trees :	Champa , Bakul , Golden Shower
	Timeline for completion of plantation :	1 year before completion of project

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

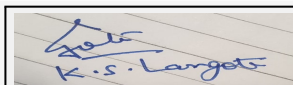
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikarazapota	Chikoo	5	Tropical fruit tree & bird attracting tree
2	Micheliachampaca	Champa	21	Evergreen timber plant, ornamental,
3	Mimusopeselengi	Bakul	35	Evergreen tree, timber yielding and medicinal plant
4	Cassia fistula	Golden shower	19	Drought tolerant, ornamental & medicinal plant
5	Buteamonosperma	Flame tree	7	Used in pesticide & dye preparation,
6	Cassia grandis	Pink shower	31	Drought tolerant, ornamental & medicinal plant
7	Bauhinia blackiana	Kanchan	29	Evergreen medicinal plant
8	Roystonearegia	Royal palm	35	Nitrogen fixer, ornamental plant
9	Syzygiumcumini	Jambhul	11	fruit tree & bird attracting
10	Neolamarkiacadamba	Kadamba tree	6	Tropical fruit tree & bird attracting tree
11	Mangiferaindica	Mango tree	4	Evergreen & bird attracting tree

45.Total quantity of plants on ground

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	22 KW
	DG set as Power back-up during construction phase	30 KVA
	During Operation phase (Connected load):	1842.35 KW
	During Operation phase (Demand load):	963.66 KW
	Transformer:	2 Nos x 630 KVA
	DG set as Power back-up during operation phase:	200 KVA
	Fuel used:	34.6 ltr/hr
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

- 1 Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.
- 2 Light Emitting Diode (LED) will be used for corridors ,Lobbies and common areas.
- 3 All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.
- 4 Energy efficient cfl/t5/led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs. LPD of 7.5 W/sq.mtr. in Residential areas & 10.8 W/sq.mtr. in Office areas is proposed.
- 5 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.
- 6 125 Ltrs Solar water is provided for each flat .
- 7 Solar PV panel system is proposed for Street lighting & Building common lighting.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy savings(Solar water heating system + Solar PV panels + LED light fittings) units per year.(For renewable/solar)	13

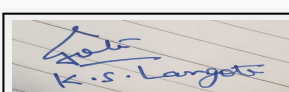
50. Details of pollution control Systems

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:	90.45 Lacs
	O & M cost:	9.04 Lacs/Yr

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

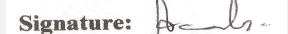


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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water	Dust Suppression	0.7
2	Site Sanitation, Health Check Up & Safety	Health & Safety	1.0
3	Environmental Monitoring	Air, Water, Noise Soil	0.4

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	--	0.25
2	Water	Rainwater Harvesting	1.83	0.25
3	Wastewater	Sewage Treatment Plant	80.5	11.1
4	Municipal Solid waste	Solid waste Management	25.75	7.90
5	Plantation	Landscaping	15.22	0.15
6	Energy	Energy Savings	90.45	9.04

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

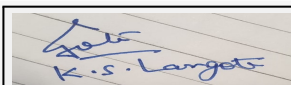
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

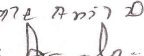
Nos. of the junction to the main road & design of confluence:	NO
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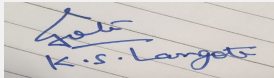
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Parking details:	Number and area of basement:	1
	Number and area of podia:	NO
	Total Parking area:	4621.25 Sqm, For Cycle 772 X 1.4=1080.80 sqm
	Area per car:	13.75 Sqm
	Area per car:	13.75 Sqm
	Number of 2-Wheelers as approved by competent authority:	775 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 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NO
	Other Relevant Informations	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		



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Environment Clearance for construction of residential and commercial project at R. S. No. 1334, Hissa No. 04, A-ward KII Karveer, Kolhapur by Mr. Atul Powar.

PP submitted their application for Expansion of Environmental clearance for total plot area of 16,090.00 Sq. Mtrs, FSI area 27,560.72 Sq.m, Non FSI 10628.40 Sq.m and Total Built up Area of 38,190.12 Sq. Mtrs. Now PP proposes to construct 4 residential buildings and 1 commercial building.

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

DECISION OF SEAC

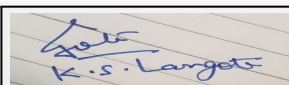
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit revised DMP with cost and showing lightning arrester
- 2) PP to submit details of socioeconomic infrastructure of project vicinity
- 3) PP to submit revised fire tender movement plan and cross section at four places specifically between the connected buildings with vertical clearance of 6m.
- 4) PP to submit mitigation plan to avoid inconvenience to the existing occupants due to proposed work.
- 5) PP to submit revised parking layout with statement.
- 6) PP to submit revised EMP with cost.
- 7) PP to submit details for CER activities.

FINAL RECOMMENDATION

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



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SEAC-III)**

Agenda for 67 th Meeting of SEAC-3 (Day-3)

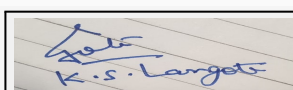
SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Amendment of proposed Residential & Commercial Development

Is a Violation Case: No

1.Name of Project	Mont Vert Tropez
2.Type of institution	Private
3.Name of Project Proponent	Mont vert Associates
4.Name of Consultant	ULTRATECH
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, we have obtained previous EC vide letter No 21-412/2007-IA-III dated 28th September 2007. Part completion received on March 31, 2011.
8.Location of the project	At S. No. 239(P) CTS No.725 to 742,945,956,957
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr Dhirajlala Hansalia
Room Number:	S. No. 129
Floor:	3rd Floor
Building Name:	Mont Vert Marc
Road/Street Name:	Pashan -Sus Road,
Locality:	Pashan
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation. (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Part completion received on March 31, 2011. And Applied for revision
	IOD/IOA/Concession/Plan Approval Number: Part completion received on March 31, 2011. And Applied for revision
	Approved Built-up Area: 56070
13.Note on the initiated work (If applicable)	We have initiated & completed part work per old EC. Part completion received 31 March 2011 and premises handover to the society.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	32,790.0 Sqm
16.Deductions	4304.63 Sqm
17.Net Plot area	28,485.37 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 34238.68 (existing residential)+14396.70 Sqm (proposed commercial)= 48635.38 sq m total
	b) Non FSI area (sq. m.): 30130.10 (existing residential)+ 22011.90 Sqm (proposed commercial)= 52142.00Sqm total
	c) Total BUA area (sq. m.): 100777.38
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 38672.74
	Approved Non FSI area (sq. m.): 30130.10
	Date of Approval: 13-10-2017
19.Total ground coverage (m2)	5216.56
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.31%
21.Estimated cost of the project	780000000

22.Number of buildings & its configuration

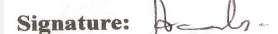


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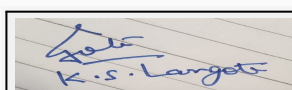
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	G +12	37.7mt
2	B	G +12	37.7mt
3	C	G +12	37.7mt
4	D	G +12	37.7mt
5	E	G +12	37.7mt
6	F	G +12	37.7mt
7	G	G +12	37.7mt
8	H	G +12	37.7mt
9	I	G +12	37.7mt
10	Commercial society office	G +1	7.5mt
11	Commercial Building 1	3B + L.G + G +10	39.95mt
12	Commercial Building 2	3B + L.G + G +10	39.95 mt

23.Number of tenants and shops	No. of Tenements: Existing 357 Commercial Shops: 28 Offices: 213
24.Number of expected residents / users	Residential: 1785 Floating: 2131
25.Tenant density per hectare	128 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))	Nearest Fire Station at Hinjewadi & Width of the road from the nearest fire station to the proposed building -24m. wide road abutting to site
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 from all around the proposed building is 9 m
29.Existing structure (s) if any	We have initiated & completed part work as per old EC. Part completion received 31 March 2011 and premises handover to the society
30.Details of the demolition with disposal (If applicable)	none

31.Production Details

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

32.Total Water Requirement



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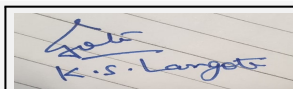
Dry season:	Source of water	PCMC
	Fresh water (CMD):	Existing 161+ Proposed 39
	Recycled water - Flushing (CMD):	Existing 80+ Proposed 48
	Recycled water - Gardening (CMD):	Existing 13+ Proposed 2
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	Existing 259+ Proposed 89
	Fire fighting - Underground water tank(CMD):	Proposed 150
	Fire fighting - Overhead water tank(CMD):	Existing 90+ Proposed 40
	Excess treated water	Existing 128 + Proposed 29

Wet season:	Source of water	PCMC
	Fresh water (CMD):	Existing 161+ Proposed 39
	Recycled water - Flushing (CMD):	Existing 80+ Proposed 48
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	Existing 246+ Proposed 87
	Fire fighting - Underground water tank(CMD):	Proposed 150
	Fire fighting - Overhead water tank(CMD):	Existing 90+ Proposed 40
	Excess treated water	Existing 141+ Proposed 30

Details of Swimming pool (If any)	<ul style="list-style-type: none"> • Dimension of Swimming Pool: • Main Pool: 10.6m X 24m X 1.2m • Kids Pool: 4.85m X 9.4m X 0.45m • Total water Requirement in KL: 326 • Water requirement for make up in KLD: 5
--	--

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	161	39	200	16	3.9	20	145	35	180
Domestic	80	48	128	8	4.8	13	72	43	115
Gardening	13	2	15	0	0	0	0	0	0



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10-14m	
	Size and no of RWH tank(s) and Quantity:	NA	
	Location of the RWH tank(s):	NA	
	Quantity of recharge pits:	12+ 2 Nos.	
	Size of recharge pits :	2mX1mX2m	
	Budgetary allocation (Capital cost) :	0.5Lacs	
	Budgetary allocation (O & M cost) :	0.1Lacs/annum	
	Details of UGT tanks if any :	Residential: Existing OHT 331 m3 (includes fire fighting) Existing UGT 361 m3 Commercial Proposed OHT- 40 m3 Proposed UGT -150 m3	
35.Storm water drainage	Natural water drainage pattern:	NW to S	
	Quantity of storm water:	28.47 m3/day	
	Size of SWD:	300 mm dia	
Sewage and Waste water	Sewage generation in KLD:	217+78	
	STP technology:	MBBR	
	Capacity of STP (CMD):	Existing 250 and Proposed 90	
	Location & area of the STP:	Existing 132 & proposed 48 m2	
	Budgetary allocation (Capital cost):	30 Lacs	
	Budgetary allocation (O & M cost):	8.0 Lacs/annum	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	37 Kg/day	
	Disposal of the construction waste debris:	Construction waste debris will be used for filling and road development of existing site and our other site.	
Waste generation in the operation Phase:	Dry waste:	241+ 640 Kg/day	
	Wet waste:	562+ 426 Kg/day	
	Hazardous waste:	NA	
	Biomedical waste (If applicable):	NA	
	STP Sludge (Dry sludge):	54+12 Kg/day	
	Others if any:	NA	
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Mode of Disposal of waste:	Dry waste:	Handed over to authorized recyclers
	Wet waste:	Authorised Handler or Composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	10 Sq. m.
	Area for machinery:	38 Sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	14.75 Lacs
	O & M cost:	3.28 Lacs/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

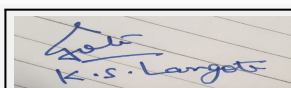
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Oil	Spent Oil	Lit/annum	NA	54	54	Will be handed over to MPCB authorized vendor

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	HSD 28 lit/hr each	2 No.	4.4Mtr	125mm	450 Degree C

40. Details of Fuel to be used

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



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43.Green Belt Development	Total RG area :	2848.54 Sqm
	No of trees to be cut :	0
	Number of trees to be planted :	326 already as per old EC & now proposed 30 nos.
	List of proposed native trees :	326 already planted as per old EC & now proposed 30 nos.
	Timeline for completion of plantation :	Part plantation is completed and remaining will be done at completion of project

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

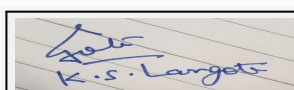
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Semecarpus anacardium	Biba	6	Deciduous tree, fast growing
2	Pongamia pinnata	Karanj	6	Drought tolerant
3	Syzygium cumini	Jambhul	6	Dense ornamental, fruit bearing tree
4	Tamarindus indica	Tamarind	6	Medium sized evergreen tree, fruit bearing tree
5	Phyllanthus officinalis	Awala	6	Medium sized evergreen tree, greenish yellow nflowers,fruit bearing tree
6	Tabebuia avellanedae	Tabebui pink	12	Large deciduous tree. Pink flowers
7	Saraca asoka	Sita Ashok	32	Shady tree with red-yellow flowers
8	Erythrina indica	Pangara	32	Medium sized deciduous tree. Bright scarlet flowers.
9	Polyalthia longifolia pendula	Ashoka tree	62	Good for Hedges and Borders. Evergreen trees
10	Alstonia scholaris	Satvin	32	Evergreen tress.Good for screening. Attracts birds, butterflies and bees
11	Delonix regia	Gulmohar	32	Large deciduous tree. Creates shade. Attracts birds, butterflies and bees
12	Ficus benamina	Ficus	30	Medium sized evergreen tree, Shady tree
13	Peltophorum ferrugineum	Copperpods	32	Shady tree with yellow flowers.
14	Plumeria pudica	Chameli	12	Medium sized evergreen tree. White flowering
15	Millingtonia hortensis	Indian Cork Tree	50	Evergreen trees. Good for screening. 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:

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

47.Energy



K.S.Langote (Secretary SEAC-III)

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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	40KVA
	During Operation phase (Connected load):	Residential 2243 KVA + Commercial 2554 KW
	During Operation phase (Demand load):	4046 KW
	Transformer:	Existing 4Nos of 630KVA + 3 Nos x 630 KVA proposed
	DG set as Power back-up during operation phase:	2Nos of 125KVA existing and 2Nos of 160KVA proposed
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	By using CFL / T5 Lamps	Overall Saving can be 37%
2	By Using LED Light in Lift Lobby	Overall Saving can be 50%
3	By Using VFD and high efficient Pump	Overall Saving can be 30-20%
4	By Using Solar lighting for External Light	Overall Saving can be 100%

50. Details of pollution control Systems

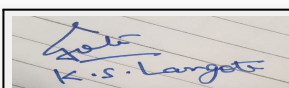
Source	Existing pollution control system	Proposed to be installed
Sewage	STP	STP
Emission from DG	DG with stack	DG with stack
MSW	HAND OVER TO PMC	OWC Or to be handed over to Authorized agency

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	32.15 Lacs
	O & M cost:	2.37 Lacs

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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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

1	AIR ENVIRONMENT	WATER FOR DUST SUPPRESSION	0.54
2	WATER ENVIRONMENT	Air & Noise monitoring	0.48
3	LAND ENVIRONMENT	tanker water for construction and Water monitoring	1.14
4	BIOLOGICAL ENVIRONMENT	landscaping	10
5	SOCIO- ECONOMIC ENVIRONMENT	DISINFECTION- PEST CONTROL ,first aid facilities,HEALTH CHECK UP,Creches for children ,Personal protective equipment	4.34

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage Treatment	30	8.0
2	Basement Ventillation	Basement ventillation	48	4.8
3	RWH	pits	0.5	1.0
4	OWC	treatment of garbage	14.75	3.28
5	GARDENING	landscaping	2	1.6
6	ELCTRICAL	energy saving	32.15	2.37
7	Basement Dewatering	Basement Dewatering	3	1
8	NA	NA	NA	NA

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

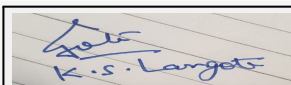
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 24m
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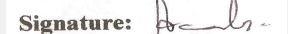


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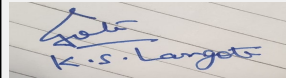
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Name: K S Langote

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Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	3 basements 2718 sq.m. per basement + 1 lower ground (2718 sq.m.)
	Number and area of podia:	0
	Total Parking area:	10,872 Sqm
	Area per car:	12.5 Sqm
	Area per car:	12.5 Sqm
	Number of 2-Wheelers as approved by competent authority:	875
	Number of 4-Wheelers as approved by competent authority:	292
	Public Transport:	Nearest Bus Stop: Wakad
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	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		



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Shri. Anil Kale (Chairman SEAC-III)

Amendment in Environment clearance for proposed residential & commercial development project at S. No. 239(P) CTS No. 725 to 742, 945, 956, 957 at village Wakad, tal Mulshi, Dist Pune by Mont vert Associates.

PP submitted their application for Expansion of Environmental clearance for total plot area of 32,790 Sq. Mtrs, FSI area 48,635.38 Sq.m, Non FSI 51,725.96 Sq.m and Total Built up Area of 100362 Sq. Mtrs. Now PP proposes to construct 9 residential buildings and 2 commercial building with society office.

During the meeting PP stated that they have obtained earlier EC vide letter no 21-412/2007-IA-III dated 28th September, 2007 & Part completion received on 31st March, 2011. All parameters of earlier EC are same.

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

DECISION OF SEAC

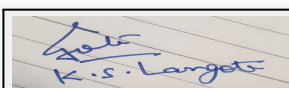
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit drainage NOC.
- 2) PP to submit indemnity letter regarding to land ownership
- 3) PP to submit details of separate STPs one for commercial and one for residential building.
- 4) PP to submit commercial RG area
- 5) PP to submit mitigation plan to avoid inconvenience to the existing occupants due to proposed work
- 6) PP to submit details for CER activities

FINAL RECOMMENDATION

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



**K.S.Langote (Secretary
SEAC-III)**

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

Agenda for 67 th Meeting of SEAC-3 (Day-3)

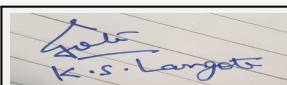
SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Proposed Residential Construction Project located at S. No. 100/1/2, 101/1, 149/1A, 150/2/1,150/2/2, Near BRT road, Ravet, Pune 412101 by Aum Developers

Is a Violation Case: No

1.Name of Project	Proposed Residential Construction Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Satish Aswani
4.Name of Consultant	Pollution and Ecology Control Services (EMP Consultant)
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	S. No. 100/1/2, 101/1, 149/1A, 150/2/1,150/2/2
9.Taluka	Mulshi
10.Village	Ravet
Correspondence Name:	Mr. Satish Aswani
Room Number:	-
Floor:	2nd floor
Building Name:	S. P. heights
Road/Street Name:	Near bank of Maharashtra
Locality:	Kasarwadi
City:	Pune 34
11.Area of the project	Pimpri Chinchwad Municipal Corporation
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)	No work is initiated for the said project
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	2 no. of Mhada buildings proposed in sanction plan
15.Total Plot Area (sq. m.)	Total Plot Area - 71788.33 sq m. After plotting - Area 19371.78 Sq m.
16.Deductions	52,416.55 Sq m
17.Net Plot area	19371.78
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 34186.04
	b) Non FSI area (sq. m.): 53821.44
	c) Total BUA area (sq. m.): 88007.48
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)	6626.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.20 %
21.Estimated cost of the project	2010000000

22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

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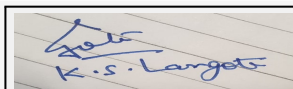
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Name: K. S. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A+B+C+D+E	B+P+14	44.90	
2	F+G	B+P+12	39.20	
3	H (MHADA BLDG)	P+11	34.20	
4	I (MHADA BLDG)	P+12	37.05	
23.Number of tenants and shops	905 tenements			
24.Number of expected residents / users	4525			
25.Tenant density per hectare	250 tenants/ Hecter			
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 mt			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 mt			
29.Existing structure (s) if any	Nil			
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				



K.S.Langote (Secretary SEAC-III)

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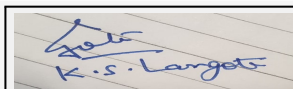
Name: K. S. Langote
Signature:

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pimpri Chinchwad Muncipal Corporation
	Fresh water (CMD):	412.2
	Recycled water - Flushing (CMD):	203.6
	Recycled water - Gardening (CMD):	40.0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	655.8
	Fire fighting - Underground water tank(CMD):	675
	Fire fighting - Overhead water tank(CMD):	180
	Excess treated water	331
Wet season:	Source of water	Pimpri Chinchwad Muncipal Corporation
	Fresh water (CMD):	412.2
	Recycled water - Flushing (CMD):	203.6
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	615.8
	Fire fighting - Underground water tank(CMD):	675
	Fire fighting - Overhead water tank(CMD):	180
	Excess treated water	371
Details of Swimming pool (If any)	Nil	

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	412	412	Not applicable	41	Not applicable	Not applicable	371	371
Gardening	Not applicable	40	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	40	Not applicable
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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Name: K. S. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 13.13 m. to 15.67 m. BGL. (14.40 M. Average) Rainy Season - 5.67 m. to 7.67 BGL. (6.67 M. Average) Winter Season - 9.40 m. to 11.67 m. BGL. (10.54 M. Average)
	Size and no of RWH tank(s) and Quantity:	nil
	Location of the RWH tank(s):	not applicable
	Quantity of recharge pits:	12 Number of recharge pits
	Size of recharge pits :	2.0 m. X 2.0 m. X 2.0 m.
	Budgetary allocation (Capital cost) :	1500000
	Budgetary allocation (O & M cost) :	75000
	Details of UGT tanks if any :	A UNDER GROUND WATER TANK (FOR WING A TO G) 1 DOMESTIC WATER TANK (1.5 DAY) 273000 LTRS DRINKING WATER TANK (1.5 DAY) 218400 LTRS 2 FIRE FIGHTING WATER TANK 525000 LTRS TOTAL 1016400 LTRS B UNDER GROUND WATER TANK (FOR WING H TO I) 1 DOMESTIC WATER TANK (1.5 DAY) 66375 LTRS DRINKING WATER TANK (1.5 DAY) 53100 LTRS 2 FIRE FIGHTING WATER TANK 150000 LTRS TOTAL 269475 LTRS
35.Storm water drainage	Natural water drainage pattern:	As per contour plan. Please refer contour plan attached with Form1, 1A
	Quantity of storm water:	476.57 m ³ / Day
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	575
	STP technology:	MBBR
	Capacity of STP (CMD):	2 no. of STP having capacity 464 CMD & 113 CMD
	Location & area of the STP:	Please refer services location plan attached with Form 1, 1A & supporting annexure
	Budgetary allocation (Capital cost):	109 lakh
	Budgetary allocation (O & M cost):	10.99 lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Quantity of excavated earth: 26525.25 m ³
	Disposal of the construction waste debris:	Excavated Earth material will be used for the land filling, leveling, road construction. Top soil will be used for landscaping
Waste generation in the operation Phase:	Dry waste:	909 Kg/Day
	Wet waste:	1357 Kg/Day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30 Kg/Day
	Others if any:	No

Mode of Disposal of waste:	Dry waste:	Through Authorized Vender
	Wet waste:	Will treated in Organic waste composter machine. Treated waste will be used as manure.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	NA
Area requirement:	Location(s):	Please refer services location plan attached with form1,1A
	Area for the storage of waste & other material:	25 Sqm
	Area for machinery:	97 Sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	4350000
	O & M cost:	1130000

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
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

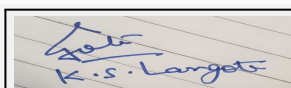
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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		



K.S.Langote (Secretary SEAC-III)

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

43.Green Belt Development	Total RG area :	6446.48 Sqm
	No of trees to be cut :	0
	Number of trees to be planted :	307
	List of proposed native trees :	Attached as annexure - landscape details with Form1 & 1A
	Timeline for completion of plantation :	3

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

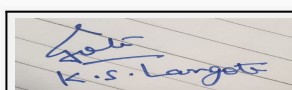
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Dyospyros peregrina	Tembhurni	48	fruits are edible, commercial use for timber
2	Cassia fistula	Bahava	47	ornamental plant, medicinal plant
3	Lagerstromia indica	Taman	40	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
4	Spathodia companulata	Pichkari	02	This tree is planted extensively as an ornamental tree and is much appreciated for its very showy reddish-orange or crimson
5	Terminalia catappa	Deshi Badam	38	fruit bearing tree, bird attractive
6	Bahunia blackiana	Kanchan	28	This is a very popular ornamental tree in subtropical and tropical climates, grown for its scented flowers and also used as food item.
7	Saraca indica	Sita's Ashoka	35	Medicinal value, Religious plant.
8	Alstonia scholaris	Satvin	11	Medicinal value, Religious plant.
9	Michelia champaca	Pivala Chapha	52	This is a very popular ornamental tree, popular for scented flower
10	Azadirachta indica	Neem	01	Large tree, good for roadside plantation
11	Plumeria alba	Chapha	05	This is a very popular ornamental tree, popular for scented flower

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	0	0

47.Energy



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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA x 1 No. as backup
	During Operation phase (Connected load):	3838 KW
	During Operation phase (Demand load):	2056 KW
	Transformer:	22KV / 630 KVA - 3 No's, 22KV / 315 KVA - 1 No
	DG set as Power back-up during operation phase:	For Wing's - A, B, C, D, E, F & G For Amenity Bldg 2 No's x 160 KVA. For Wing's of MHADA Bldg. : 1 no x 100 KVA & 1 No x 40 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

Energy Conservation Measures % Savings Proposed Per Day
Solar Street Light Fitting - Pole Light On Road Side. - 10.45 KWH
Energy Saving by Solar Hot Water System. 5152.5 KWH

49. Detail calculations & % of saving:

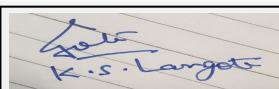
Serial Number	Energy Conservation Measures	Saving %
1	Total Annual saving in KWH for street light fittings, solar water	5162.95 KWH (5.31%)
2	Total Annual saving in KWH for solar Power, hot water & LED	5288.82 KWH (7.11%)

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage generation during operation phase	Not applicable	2 No. of STP will be installed
Wet Garbage generation during operation phase	Not applicable	OWC machine will be installed
DG Set	Not applicable	Acoustic enclosure to DG set to reduce noise pollution, DG set as per CPCB norms

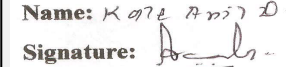
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	126
	O & M cost:	2.52

51. Environmental Management plan Budgetary Allocation


K.S. Langote (Secretary SEAC-III)

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

a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion control	Dust suppression	1.0
2	Site sanitation & safety	Provision of toilets	5.0
3	Environmental monitoring	STP, OWC	0.75
4	sanitation	for labours	0.08
5	Health Check up	for labours	0.1

b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain water harvesting	For installation of RWH pits	15.00	0.75
2	Storm water networking	internal storm water channel installation	1.42	0.16
3	Sewage Treatment Plant	2 No of STP will be installed	109.00	10.9
4	Organic waste converter machine	Organic waste composting machine	43.50	11.30
5	Tree Plantation	trees & shrubs plantation	25.60	1.80
6	Energy saving	Solar water heater	126	2.52
7	Environmental monitoring	To maintain environmental monitoring services	0	1.60

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

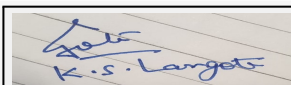
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 67 Meeting Date: August 21, 2018

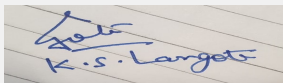
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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	1 no of basement 9850.85 sqm
	Number and area of podia:	Nil
	Total Parking area:	18,742.70 Sq m.
	Area per car:	basement- 35 sq m, stilt- 30 Sq m, open - 25 sq m
	Area per car:	basement- 35 sq m, stilt- 30 Sq m, open - 25 sq m
	Number of 2-Wheelers as approved by competent authority:	Required -1991, Provided -1991
	Number of 4-Wheelers as approved by competent authority:	required- 498, provided 556
	Public Transport:	Nil
	Width of all Internal roads (m):	6 mt
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	More than 10 Km
	Category as per schedule of EIA Notification sheet	category B2; Activity under Item 8 (a) of the EIA Notification dated 14th September 2006 as amended on 1st December , 2009
	Court cases pending if any	Case no - 2nd appeal 597/17 Case no - special civil suite no - 1484/12
	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		



K.S.Langote (Secretary SEAC-III)

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Shri. Anil Kale (Chairman SEAC-III)

Environment clearance for proposed residential construction project located at S. No. 100/1/2, 101/1, 149/1A, 150/2/1, 150/2/2, Near BRT road, Rave, Pune by Mr. Satish Aswani.

PP submitted their application for prior Environmental clearance for total plot area of 71,788.33 Sq. Mtrs, FSI area 34,186.04 Sq.m, Non FSI 55821.44 Sq.m and Total Built up Area of 88007.48 Sq. Mtrs. Now PP proposes to construct 4 residential buildings.

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

DECISION OF SEAC

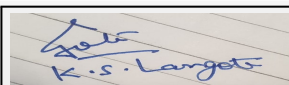
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit sewerage NOC.
- 2) PP to submit drainage NOC
- 3) PP to submit High Tension Line NOC from Competent Authority.
- 4) PP to submit master layout plan -showing plot for which EC is required
- 5) PP to submit debris management plan.
- 6) PP to submit clarification regarding the subdivision of plot and area considered for EC.
- 7) PP to submit list of additional trees to be planted.
- 8) PP to submit details for CER activities.
- 9) PP to come with fresh plan with subdivision of plots.

FINAL RECOMMENDATION

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



**K.S.Langote (Secretary
SEAC-III)**

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

Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

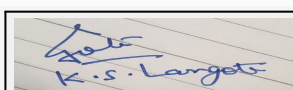
Subject: Environment Clearance for Expansion of residential cum commercial construction project

Is a Violation Case: No

1.Name of Project	Atulya
2.Type of institution	Private
3.Name of Project Proponent	Calyx spaces LLP
4.Name of Consultant	Not applicable
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No environmental clearance obtained as the built up area is below 20000 sqm
8.Location of the project	Gut No. 405, Village Jambhul, Tal. Maval, Dist. Pune, Maharashtra.
9.Taluka	Maval
10.Village	Jambhul
Correspondence Name:	Mr. Nitin Jajoo
Room Number:	Not applicable
Floor:	Not applicable
Building Name:	Calyx House
Road/Street Name:	Dhole Patil Road
Locality:	Camp
City:	Pune
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number:
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	8192.53 sqm as per sanction plan vide no. PR/NASR/528/2010 dated 23/08/2010... Revised Sanction No. PMU/C.R.No.3486 DTD 14/03/2016
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	29700
16.Deductions	4927.09
17.Net Plot area	24772.91
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 36841.48
	b) Non FSI area (sq. m.): 17004.07
	c) Total BUA area (sq. m.): 538456
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 21310.98
	Approved Non FSI area (sq. m.): 11221.89
	Date of Approval: 15-05-2018
19.Total ground coverage (m2)	7140.67
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.82
21.Estimated cost of the project	750000000

22.Number of buildings & its configuration

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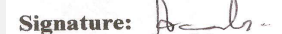


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1	A (Existing)	P + 4	14.65
2	B (Existing)	P + 4	14.65
3	I (Existing)	P + 4	14.65
4	J (Existing)	P + 4	14.65
5	1 (Proposed)	P + 7	23.40
6	2 (Proposed)	P + 7	23.40
7	3 (Proposed)	P + 7	23.40
8	4 (Proposed)	P + 7	23.40
9	5 (Proposed)	P + 7	23.40
10	6 (Proposed)	P + 7	23.40
11	7 (Proposed)	P + 7	23.40
12	8 (Proposed)	P + 7	23.40
13	9 (Proposed)	P + 7	23.40
14	L (Proposed)	G + 7	23.40
15	K (Proposed)	G + 7	23.40

23.Number of tenants and shops	1230 (Existing 96 + Proposed 1134) Shops 18 (Proposed)
24.Number of expected residents / users	Residential 6150 commercial 54
25.Tenant density per hectare	250 tenements/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))	36
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9
29.Existing structure (s) if any	Building A, B, I, J
30.Details of the demolition with disposal (If applicable)	Not applicable

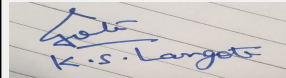
31.Production Details

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

 K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 21, 2018	Page 95 of 155	Name: K. Anil Kale Signature: [Signature] Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Jambhul Gramanchyat							
	Fresh water (CMD):	554							
	Recycled water - Flushing (CMD):	278							
	Recycled water - Gardening (CMD):	20							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	852							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	472							
Wet season:	Source of water	Jambhul Grampanchyat							
	Fresh water (CMD):	554							
	Recycled water - Flushing (CMD):	278							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	832							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	492							
Details of Swimming pool (If any)	Not applicable								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	43	511	554	4	51	55	39	460	499
Gardening	5	15	20	5	15	20	0	0	0



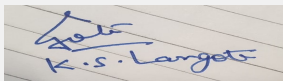
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Monsoon: 3.1 m and Pre monsoon : 8.3 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	8
	Size of recharge pits :	2 m X 2 m X 2 m and 2 m X 2m X 1.5 m
	Budgetary allocation (Capital cost) :	4.10 /- lakhs
	Budgetary allocation (O & M cost) :	0.40/- lakhs
	Details of UGT tanks if any :	Domestic UG tank Capacity: 836 KL Treated Water UG tank Capacity: 190 KL Fire UG tank Capacity: 200 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	1120 m ³ /Hr
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	750
	STP technology:	MBBR
	Capacity of STP (CMD):	3 STP I: 200 KLD, STP II: 400 KLD, STP III: 160 KLD
	Location & area of the STP:	As per layout
	Budgetary allocation (Capital cost):	209 /- lakhs
	Budgetary allocation (O & M cost):	30.74/- lakhs
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:	On the same site as filling material
Waste generation in the operation Phase:	Dry waste:	1235
	Wet waste:	1848
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	156 kg/day
	Others if any:	E waste : 1200 Kg/Year



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Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Through mechanical composting unit
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Through mechanical composting unit
	Others if any:	E waste: through authorized vendor
Area requirement:	Location(s):	As per contour
	Area for the storage of waste & other material:	137
	Area for machinery:	386
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	32 /- Lakhs
	O & M cost:	4.5 /- lakhs

37. Effluent Characteristics

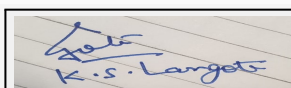
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7 -8.5	6.5 - 7.5	Not applicable
2	COD	mg/l	300-400	<30	Not to exceed 100 mg/l
3	BOD	mg/l	250 -300	<10	Not to exceed 10 mg/l
4	TSS	mg/l	350-450	<5	Not to exceed 50 mg/l
5	oil and grease	mg/l	10	<5	Not applicable
6	Total Nitrogen	mg/l	40-50	<10 or equal	Not applicable
7	Ammonical nitrogen	mg/l	5-7	<2 or equal	Not applicable
8	Feecal coliform	MPN/100	1000000	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

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
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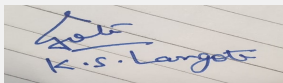
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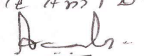
Name: K. S. Langote
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Shri. Anil Kale (Chairman SEAC-III)

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 :	2478.5 sqm				
	No of trees to be cut :	not applicable				
	Number of trees to be planted :	Not applicable				
	List of proposed native trees :	As per below 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	Michellia champaca	Sonchaffa	19	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.		
2	Albizia lebbek	Shirish	20	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).		
3	Anthocephalus kadamba	Kadamb	20	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.		
4	Azadirachta indica	Neem	22	Medicinal value, To control soil erosion. To improve soil erosion		
5	Bauhinia blackiana	Kanchanraj	20	Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.		
6	Butea Monosperma	Palas	18	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.		
7	Cassia fistula	Bahava	21	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.		
8	Pongamia pinnata	Karanj	10	Medicinal value, Drought tolerant species, To control soil erosion. Hardy plant.		
9	Cordia dichotoma	Bhokar	19	Medicinal value, Edible fruits.		
10	Dalbergia shisoo	Shisav	10	Medicinal value, Bird attracting species.		


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11	Elaeocarpus sphaericus	Rudraksha	10	Medicinal value
12	Schleicherra oleasa	kusum	19	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
13	Ficus microcarpa	Nandruk	10	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
14	Phaylanthus embelica	Awala	13	Medicinal value
15	Mangifera indica	Mango	10	Medicinal value, shade giving and edible fruit
16	Nyctanthus arbortristis	Parijatak	18	Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
17	Mimosups elengii	BAkul	16	Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Ficus glomerata	Umbur	19	Medicinal value, Edible fruits, Bird attracting species
19	Murraya exotica	Kamini	10	Medicinal value, Bird attracting species
20	Phoenix palm	Khajuri palm	9	Edible fruits

45.Total quantity of plants on ground

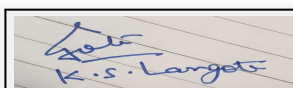
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	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):	2469 KW
	During Operation phase (Demand load):	1679 KW
	Transformer:	630 KVA X 3
	DG set as Power back-up during operation phase:	125 KVA X 1 and 180 KVA X 1 and 82.5 KVA
	Fuel used:	Disel
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:



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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar energy outdoor lighting	22950 KWH/year
2	Auto Timer logic controller	83022.90 KWH/year
3	Electronic V3F drive for lifts	49556.78 KWH/year
4	Solar water heater	1198512KWH/year

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water pollution	Not applicable	STP
Solid waste	Not applicable	OWC
Noise pollution	Not applicable	Acoustic enclosure to DG Set

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	157.68 /- Lakhs
	O & M cost:	5.75 lakhs

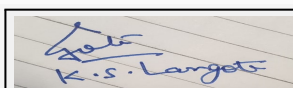
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust suppression measures and barricading	30000
2	Site safety and sanitation	on site safety measures such safety net , sign boards etc	50000
3	Disinfection and health hazard	proper sanitation measures	100000
4	Environmental monitoring	Air and water monitoring and analysis and soil and water analysis	50000

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	3 STP of MBBR technology	209	30.74
2	Solid waste management	OWC	32	4.5
3	Storm water management	inter piping and piping up to last disposal	25	0.50
4	RWH	internal piping	4.10	0.40
5	Landscape	tree plantation	5	0.50



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6	Energy	energy saving measures	157.68	5.75
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51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

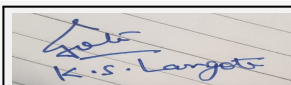
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

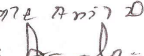
	Nos. of the junction to the main road & design of confluence:	Not applicable
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	7844 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	1549
	Number of 4-Wheelers as approved by competent authority:	223
	Public Transport:	Not applicable
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	Not applicable



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	Other Relevant Informations	Not applicable
	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 expansion of residential cum commercial construction project on Gut No. 405, Village Jambhul, Tal Maval, Dist- Pune by Calyx Spaces LLP.

PP submitted their application for prior Environmental clearance for total plot area of 29,700 Sq. Mtrs, FSI area 36,841.48 Sq.m, Non FSI 17,004 Sq.m and Total Built up Area of 53,8456 Sq. Mtrs. Now PP proposes to construct 11 residential buildings.

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

DECISION OF SEAC

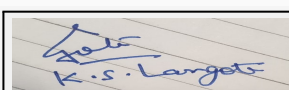
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions

Specific Conditions by SEAC:

- 1) PP to submit clarification stating that they don't attract EC for previous construction.
- 2) PP to submit NOC to connect, to sewer line across the road.
- 3) PP to submit debris management plan.
- 4) PP to submit revised EMP Plan.
- 5) PP to submit details for CER activities.

FINAL RECOMMENDATION

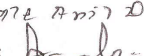
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Shri. Anil Kale (Chairman SEAC-III)

Agenda for 67 th Meeting of SEAC-3 (Day-3)

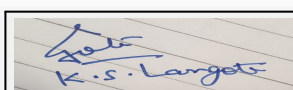
SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Expansion of Residential cum commercial project

Is a Violation Case: No

1.Name of Project	Kamalraj Dattavihar
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kamlesh Gandhi
4.Name of 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	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	previous EC dated 9.09.2016 (SEAC-III-2015/CR-98/TC-3)
8.Location of the project	GAT. NO.194 , Borahdewadi , Moshi, Pune
9.Taluka	Haveli
10.Village	Borhadewadi
Correspondence Name:	Mr. Kamlesh Gandhi
Room Number:	Flat No.B -201-202
Floor:	Second Floor
Building Name:	Kamalraj Haridwar
Road/Street Name:	S.No. 82/7, (P), Dighi -Alandi Road
Locality:	Walkenagar dighi
City:	Pune
11.Area of the project	Pune Chinchwad Municipal corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: In Process
	Approved Built-up Area: 45789
13.Note on the initiated work (If applicable)	21899.24 Sq.m constructed as per previous EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	28000
16.Deductions	173.50
17.Net Plot area	27826.48
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): As per Previous EC - 35055.69 Proposed 4721.91 Total - 39777.60
	b) Non FSI area (sq. m.): As Per Previous EC - 34987.95 Proposed - 1618.32 Total - 36606.27
	c) Total BUA area (sq. m.): 76383.87
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 27145.95 sq.m
	Approved Non FSI area (sq. m.): 18643.13 sq.m
	Date of Approval: 21-03-2017
19.Total ground coverage (m2)	6297.41
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.76 %
21.Estimated cost of the project	984600000

22.Number of buildings & its configuration




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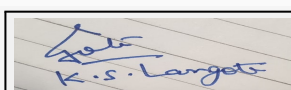
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A - Type	As per Previous EC P + 12 Proposed P + 14	As per previous EC - 39.0 Proposed - 44.87
2	B - Type (Existing)	As per Previous EC P + 12 Proposed P + 12	As per Previous EC - 39.0 Proposed - 39.0
3	C - Type (Existing)	As per Previous EC P + 12 Proposed P + 12	As per Previous EC - 39.0 Proposed - 39.0
4	D - Type	As per Previous EC P + 12 Proposed P + 14	As per previous EC - 39.0 Proposed - 44.87
5	E - Type	As per Previous EC P + 12 Proposed P + 12	As per Previous EC - 39.0 Proposed - 39.0
6	F - Type	As per Previous EC P + 12 Proposed P + 12	As per Previous EC - 39.0 Proposed - 39.0
7	G - Type	As per Previous EC P + 12 Proposed P + 12	As per Previous EC - 39.0 Proposed - 39.0
8	H - Type	As per Previous EC P + 07 Proposed P + 07	As per Previous EC - 24.0 Proposed - 24.0
9	Commercial	Ground	3.65

23.Number of tenants and shops	Existing Tenements - 739 Proposed - 31 Total - 770 As per Previous EC - 12 No.s Proposed - 3
24.Number of expected residents / users	Residential - As per Previous EC - 4064 Proposed - 3922 Commercial As per Previous EC - 92 Proposed 72
25.Tenant density per hectare	250
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 meter
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 meter
29.Existing structure (s) if any	Constructed two building B and C and Club house & Building A work in process
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement



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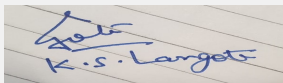
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	As per Previous EC - 340.8 Proposed - 356.96							
	Recycled water - Flushing (CMD):	As per Previous EC - 176 Proposed 175.08							
	Recycled water - Gardening (CMD):	As per Previous EC - 26.2 Proposed 22.05							
	Swimming pool make up (Cum):	As per Previous EC - 2.1 Proposed 3.0							
	Total Water Requirement (CMD) :	As per Previous EC - 546.8 Proposed - 554.09							
	Fire fighting - Underground water tank(CMD):	As per previous EC - 350 KL Proposed 525 KL							
	Fire fighting - Overhead water tank(CMD):	As per Previous EC - 661.95 Proposed - 667 KL							
	Excess treated water	As per Previous EC - 278.6 - 281.71							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	As per Previous EC - 340.8 Proposed - 356.96							
	Recycled water - Flushing (CMD):	As per Previous EC - 176 Proposed 175.08							
	Recycled water - Gardening (CMD):	Not Applicable							
	Swimming pool make up (Cum):	As per Previous EC - 2.1 Proposed 3.0							
	Total Water Requirement (CMD) :	As per Previous EC - 520.6 Proposed - 532.04							
	Fire fighting - Underground water tank(CMD):	As per previous EC - 350 KL Proposed 525 KL							
	Fire fighting - Overhead water tank(CMD):	As per Previous EC - 661.95 Proposed - 667 KL							
	Excess treated water	As per Previous EC - 304.8 Proposed - 303.76							
Details of Swimming pool (If any)	Dimension of Main Swimming Pool: 18 m X 4.7 m X 1.2 m Area of Main Swimming pool - 170.40 sq.m Total water Requirement in KL: - 101.5 KL Water requirement for make up in KLD: Existing -2.1 KLD Proposed - 0.9KLD Total 3.0 KLD								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	356.96 KLD	356.96KLD	NA	35.69 KLD	35.69KLD	NA	321.27 KLD	321.27KLD
Gardening	NA	22.05 KLD	22.05KLD	NA	22.05 KLD	22.05 KLD	0	0	0



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 to 7 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	Plan Enclosed
	Quantity of recharge pits:	8 No.s
	Size of recharge pits :	2.0 X 2.0 X 2.0 meters
	Budgetary allocation (Capital cost) :	4.41 Lakhs
	Budgetary allocation (O & M cost) :	0.44 Lakhs per year
	Details of UGT tanks if any :	Residential Domestic UG tank Capacity As per Previous EC 395 KLD Proposed 155 KLD Total 550 KLD Treated Water UG tank Capacity As per previous EC 157 KLD Proposed 120 KLD Fire UG tank Capacity As per previous EC 350 KLD Proposed 175 KLD Total 525 KLD MHADA Domestic UG Tank Capacity : 25 KLD Fire UG Tank Capacity : NA
35.Storm water drainage	Natural water drainage pattern:	As Per Contour
	Quantity of storm water:	28,87 meter cube per minute
	Size of SWD:	450mm, 300mm & 600mm
Sewage and Waste water	Sewage generation in KLD:	As per Previous EC - 484.6 CMD Proposed 478.83 CMD
	STP technology:	As per Previous EC Ecophotox Advance Oxidation Proposed MBBR Technology
	Capacity of STP (CMD):	2 No.s and Existing 300 CMD proposed 210 CMD
	Location & area of the STP:	Plan Enclosed
	Budgetary allocation (Capital cost):	As per previous EC 16.25 lakhs Proposed 25.60 lakh
	Budgetary allocation (O & M cost):	As per previous EC - 7.5 lakh per annum Proposed 11.01 lakh per annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste Generation - 1% of total raw Material
	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinthj area and top soil for landscaping
Waste generation in the operation Phase:	Dry waste:	Existing - 713 kg/day Proposed - 68 kg/day Total - 781 kg/day
	Wet waste:	Existing - 802.2 kg/day Proposed - 352.8 kg/day Total 1155 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	As per Previous EC - 150 Kg/day Proposed
	Others if any:	E - waste - 1997 Kg/yr

Mode of Disposal of waste:	Dry waste:	Through Authorized Vender
	Wet waste:	Through Mechanical Composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as a mannur after OWC treatment
	Others if any:	E - waste : Through Authorized vendor
Area requirement:	Location(s):	Plan Enclosed
	Area for the storage of waste & other material:	155.0 sq. m
	Area for machinery:	80 sq. meter
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	32.50 Lakhs
	O & M cost:	7.83 Lakhs

37. Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	6.5 - 7.5	6.5 - 8.0	--
2	COD	mg/lit	= 450	= 30	Not Exceed 100 mg/lit
3	BOD	mg/lit	= 300	= 8	Not Exceed 10 mg/lit
4	Total Suspended Solids	mg/lit	= 100	= 10	Not Exceed 50 mg/lit
5	Oil & Grease	mg/lit	= 10-20	= 05	---
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

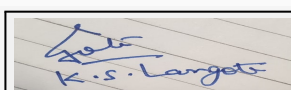
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39. Stacks emission Details

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	NA	NA	NA	NA



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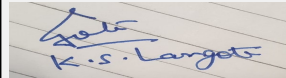
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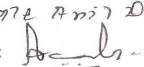
Shri. Anil Kale (Chairman SEAC-III)

41.Source of Fuel		NA		
42.Mode of Transportation of fuel to site		NA		
43.Green Belt Development	Total RG area :	As per Previous EC - 2984.1 sq.m Proposed 2984.1 sq.m		
	No of trees to be cut :	NA		
	Number of trees to be planted :	347		
	List of proposed native trees :	As per below list		
	Timeline for completion of plantation :	1 year		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus excelsa	Maharukh	12	Medicinal value, Drought tolerant species.
2	Albizia lebek	Shirish	12	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
3	Anthocephalus kadamba	Kadamb	12	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	11	Medicinal value, To control soil erosion. To improve soil erosion
5	Bauhinia blackiana	Kanchanraj	63	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	12	Every part of the plant is medicinal ,Drought tolerant species.
7	Butea monosperma	Palas	12	Medicinal value, Bird attracting species , To control soil erosion.
8	Cassia fistula	Bahawa	08	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
9	Choclospermum religiosum	Sonsawar	08	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	08	Medicinal value, Edible fruits,
11	Dalbergia sissoo	Shisav	08	Medicinal value, Bird attracting species ,
12	Ficus arnottiana	Payar	08	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomerata	Umbur	12	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	08	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.


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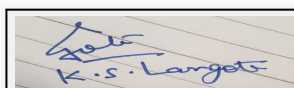
15	Phyllanthus emblica	Awala	08	Medicinal value, To control soil erosion.
16	Mangifera indica	Mango	11	Edible fruit, Bird attracting species.
17	Michelia champaca	Sonchaffa	12	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Pongamia pinnata	Karanj	12	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
19	Saraca indica	Sita-ashok	12	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	12	Medicinal value, Edible fruit.
21	Bahunia racemosa	Apta	11	Every part of the plant is medicinal, Drought tolerant species.
22	Caryota urens	Fishtail palm	15	Grown in any type of soil. Very Hardy.
23	Gmelina arborea	Shivan	10	Medicinal value, Drought tolerant species, Bird attracting species.
24	Mimosops elengii	Bakul	10	Fragrant flowers, Medicinal value, To control soil erosion.
25	Aegle marmelas	Bel	11	Drought tolerant species, Medicinal value
26	Nyctanthus arbortristis	Parijatak	12	Fragrant flowers, Medicinal value,
27	Putrnjiva roxburghii	Putrnjiva	09	Medicinal value, Drought tolerant species,
28	Roystonea regia	Bottle palm	10	Ornamental plant, Medicinal value, Birds & bats eat fruits.

45.Total quantity of plants on ground

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA
	During Operation phase (Connected load):	As per Previous EC - 3085 KVA Proposed 3106 KVA
	During Operation phase (Demand load):	As per previous EC - 2468 KVA Proposed 2761 KVA
	Transformer:	630 KVA - 3 No.s
	DG set as Power back-up during operation phase:	As Per Previous EC - 125 KVA - 1 No.s Proposed - 250 KVA - 1 No.s MHADA - 50 KVA - 1 No.s
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

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.

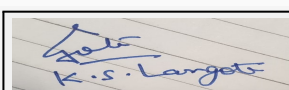
Water Level Controllers with Timers will be used for Water Pumps.

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	Efficient Equipments	3.89 %
2	Total Energy saving	914391 KWH / Year
3	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor	39065.95 KWH/ Annum
4	Garden Pole - Light Fitting For Landscape Area	788.4 KWH / Year
5	Up Lighter - Light Fitting For Landscape Area	350.4 KWH / Year
6	Bollard Lighter - Light Fitting For Landscape Area	613.2 KWH / Year
7	Street Light Fitting - Pole Light On Road Side	2409 KWH / Year
8	Street Light on the Bldg.	4914.36 KWH / Year
9	Energy Saving by Solar Hot Water System	866250 KWH / Year

50. Details of pollution control Systems



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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:	105 lakhs
	O & M cost:	2.10 Lakh/annum

51.Environmental Management plan Budgetary Allocation

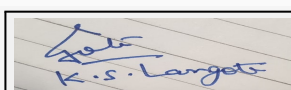
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust Separation	2.0
2	Site Safety	Nets , Barricade	3.0
3	Site Sanitation	Public Toilets	4.0
4	Disinfection and Health check ups	For Labours	2.0
5	Environmental Monitoring	STP , OWC	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)	300 KLD and 210 KLD Capacity	As per previous EC 16.25 lakhs Proposed 25.60 lakh	As per previous EC - 7.50 lakh per annum Proposed 11.01 lakh per annum
2	Rain Water harvesting	Internal Piping and Pits	4.41	0.44
3	Solid Waste Management	Mechanical composter	32.50	7.83
4	Swimming Pool	--	12.0	3.0
5	Landscape Development	Tree Plantation and Landscape	78.78	12.56
6	Solar Water Heater	Energy Conservation Methos	78.80	1.57
7	Solar PV Lights (Street Light)	Energy Conservation Methods	34.40	0.68
8	Environmental Monitoring	Air and Noise monitoring, Soil and water analysis	--	2.85
9	Safety Training & Awereness	Fire Fighting awareness	5.0	0
10	Supply of water through tankers (in case of emergency)	in Absence of PCMC water supply through Tankers	--	37.00
11	Storm Water Networking	To Collect Rain Water	28.00	2.80

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



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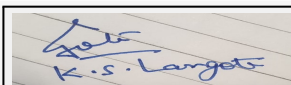
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	NA
	Number and area of podia:	Podium No. 1 - 1326.32 sq.m.
	Total Parking area:	As per Previous EC 17020 sq.m Proposed 18173.40 sq.m
	Area per car:	Cover 30.00 sq.m Open 25 sq.m Basement 35 sq.m
	Area per car:	Cover 30.00 sq.m Open 25 sq.m Basement 35 sq.m
	Number of 2-Wheelers as approved by competent authority:	As per Previous EC -1496 No.s Proposed -1558 No.s
	Number of 4-Wheelers as approved by competent authority:	As per previous EC - 376 No.s Proposed - 391 No.s
	Public Transport:	NA
	Width of all Internal roads (m):	6 m Driveway
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No



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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 expansion of residential cum commercial construction project on Gut No. 194, at Borahdewadi, Tal Moshi, Dist- Pune by Mr. Kamlesh Gandhi.

PP submitted their application for prior Environmental clearance for total plot area of 28000 Sq. Mtrs, FSI area 39,777.60 Sq.m, Non FSI 36,606.27 Sq.m and Total Built up Area of 76,383.87 Sq. Mtrs. Now PP proposes to construct 8 residential buildings & 1 commercial building.

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

DECISION OF SEAC

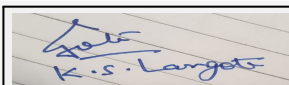
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions

Specific Conditions by SEAC:

- 1) PP to submit water NOC
- 2) PP to submit HTL NOC from MSEDCL.
- 3) PP to submit letter regarding No change in footprint.
- 4) PP to submit mitigation measures for phase 2
- 5) PP to submit details for CER activities

FINAL RECOMMENDATION

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



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Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

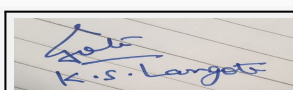
Subject: Environment Clearance for Construction Project by M/s Nirman Propertis

Is a Violation Case: No

1.Name of Project	"Akashraj One"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bhushan Rajiv Agarwal
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	S.No 22/2
9.Taluka	Haveli
10.Village	Ravet
Correspondence Name:	Mr.Bhushan Rajiv Agarwal
Room Number:	602
Floor:	-
Building Name:	Pinnacle A
Road/Street Name:	-
Locality:	Wakad
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 21072.03
13.Note on the initiated work (If applicable)	19777.19 m2(FSI-8337.35 m2+ Non FSI-11439.84 m2)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10000.00 m2
16.Deductions	2742.67 m2
17.Net Plot area	7257.33 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14166.68 m2
	b) Non FSI area (sq. m.): 16963.79 m2
	c) Total BUA area (sq. m.): 31130.47
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 8703.86m2(Part Sanction)
	Approved Non FSI area (sq. m.): 12368.17 m2(Part Sanction)
	Date of Approval: 25-01-2018
19.Total ground coverage (m2)	2538.46 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.38 % of Total Plot Area (10000.00 m2) , 34.97% of Net Plot Area (7257.33 m2)
21.Estimated cost of the project	500000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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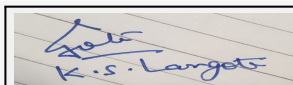
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1	Residential A	B+P+11 & B+P+12	35.80 & 38.70	
2	Commercial Building	2 B + G + 4	19.40	
23.Number of tenants and shops	Total Tenements:136 Nos. Residential -136 nos. Commercial - 108 Shops & 2 Restaurants			
24.Number of expected residents / users	Residential Users- 680 nos. Commercial Users - 1059 nos. Total Population: 1739 Nos.			
25.Tenant density per hectare	136 /hector			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30m & 12m wide road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	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				
Dry season:	Source of water	PCMC		
	Fresh water (CMD):	146.68 m3/day (One time)		
	Recycled water - Flushing (CMD):	61.86 m3/day		
	Recycled water - Gardening (CMD):	4.79 m3/day		
	Swimming pool make up (Cum):	2.44 m3/day		
	Total Water Requirement (CMD) :	84.82 m3/day		
	Fire fighting - Underground water tank(CMD):	100 m3		
	Fire fighting - Overhead water tank(CMD):	30 m3		
	Excess treated water	63.64 m3/day		



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Wet season:	Source of water	PCMC
	Fresh water (CMD):	141.89 m3/day (One time)
	Recycled water - Flushing (CMD):	57.07 m3/day
	Recycled water - Gardening (CMD):	0.00 m3/day
	Swimming pool make up (Cum):	2.44 m3/day
	Total Water Requirement (CMD) :	84.82 m3/day
	Fire fighting - Underground water tank(CMD):	100 m3
	Fire fighting - Overhead water tank(CMD):	30 m3
	Excess treated water	68.43 m3/day

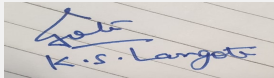
Details of Swimming pool (If any)

Dimension of Swimming Pool: Main Pool: 10.97 × 6 mt
Baby Pool: 1.8 × 3.96 mt
Total water Requirement in KLD: 244470 Lit
Make up water requirement in KLD: 2.44 m3/day
Details of Plant & Machinery used for treatment of Swimming pool water:
Details of quality to be achieved for swimming pool water and parameters to be monitored:
Capital cost: Rs. 2.20 Lakh
O & M cost: Rs. 0.15 Lakh/year

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 13.33 m. to 15.67 m. BGL. (14.50 BGL Average) Rainy Season - 5.67 m. to 7.67 BGL. (6.67 BGL Average) Winter Season - 9.50 m. to 11.67 m. BGL. (10.59 BGL Average)
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	5 nos.
	Size of recharge pits :	2.0 m. X 2.0 m. X 1.5 m
	Budgetary allocation (Capital cost) :	Rs. 6.25 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.30 Lakh/year
	Details of UGT tanks if any :	Domestic UG tank Capacity: 140.00 m3 Flushing UG tank Capacity: 21.00 m3 Fire UG tank Capacity: 100 m3

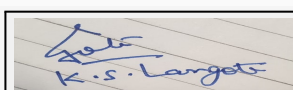

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35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	2,628.99 m ³ / Year i.e. 92.58 m ³ / Day
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	Residential: 82.62 m ³ /day & Commercial: 42.88 m ³ /day
	STP technology:	MBBR
	Capacity of STP (CMD):	Residential: 90 m ³ /day- 1 No & Commercial: 45 m ³ /day- 1 No.
	Location & area of the STP:	Area = 95.26 m ²
	Budgetary allocation (Capital cost):	For 90 m ³ /day- Rs. 27.00 Lakh, For 45 m ³ /day - Rs. 15.00 Lakh
	Budgetary allocation (O & M cost):	For 90 m ³ /day - Rs. 3.75 Lakh/year, For 45 m ³ /day - Rs. 2.25 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	40 kg/day
	Disposal of the construction waste debris:	Use for Leveling.
Waste generation in the operation Phase:	Dry waste:	295 kg/day
	Wet waste:	338 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	11.29 kg/day
	Others if any:	Not applicable
Mode of Disposal of waste:	Dry waste:	Authorized vender
	Wet waste:	Organic waste convertor
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	Not Applicable
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	29.66 m ²
	Area for machinery:	Included in other Area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.56 Lakh
	O & M cost:	Rs.1.30 Lakh/year
37.Effluent Charecterestics		



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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

41.Source of Fuel

Bharat Petroleum Corporation Limited/Hindustan Petroleum

42.Mode of Transportation of fuel to site

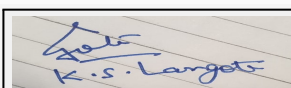
By roadway

43.Green Belt Development

Total RG area :	920.24 m ²
No of trees to be cut :	Not Applicable
Number of trees to be planted :	117 nos.
List of proposed native trees :	117 nos.
Timeline for completion of plantation :	Before Completion

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailathus excelsa	Maharukh	04	Medicinal value, to control soil erosion



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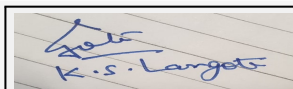
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2	Albizzia lebek	Shirish	04	Medicinal for Skin, Fragrant flowers, to control soil erosion, Bird attracting species (Para kids eat seeds).
3	Anthocephalus kadamba	Kadamb	04	Medicinal value, to control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	04	Medicinal value, to control soil erosion, To improve soil erosion
5	Bauhinia blakiana	Kanchanraj	04	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	04	Every part of the plant is medicinal, Drought tolerant species.
7	Butea monosperma	Palas	04	Medicinal value, Bird attracting species, to control soil erosion.
8	Cassia fistula	Bahawa	03	Medicinal value, Drought tolerant species, very ornamental, well flowering plant, Honey bee attracting species,
9	Elaeocarpus sphericus	Rudraksh	04	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	04	Medicinal value, Edible fruits,
11	Dalbbergia sisoo	Shisav	04	Medicinal value, Bird attracting species,
12	Ficus arnottiana	Payar	04	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Ficus glomurata	Umber	04	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	04	Medicinal value, Bird attracting species, Drought tolerant species,
15	Phyllanthus emblica	Awala	04	Medicinal value
16	Mangifera indica	Mango	04	Edible fruit, Bird attracting species.
17	Michellia champaca	Sonchaffa	04	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species,
18	Pongamia pinnata	Karanj	03	Medicinal value, Drought tolerant species, to control soil erosion. Hardy plant
19	Saraca indica	Sita-ashok	04	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	04	Medicinal value, Edible fruit.
21	Caryota urens	Fishtail palm	05	Grown in any type of soil. Very Hardy.
22	Mimosups elengii	Bakul	07	Fragrant flowers, Medicinal value, To control soil erosion.
23	Aegle marmelos	Bel	06	Medicinal value, Edible fruit.
24	Nyctanthus arbotritrits	Parijatak	07	Fragrant flowers, Medicinal value
25	Murraya exotica	Kamini	08	Medicinal value, Native species
26	Phoenix roebelenii	Date palm	06	Ornamental plant, Medicinal value, Birds & bats eat fruits.



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45.Total quantity of plants on ground

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

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

47.Energy

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

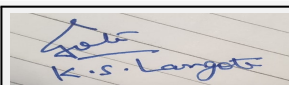
48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems



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Source	Existing pollution control system	Proposed to be installed
Air	Barricating the site.	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	Acoustically enclosed DG set is installed.	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 28.00 Lakh
	O & M cost:	Rs. 0.99 Lakh/year.

51.Environmental Management plan Budgetary Allocation

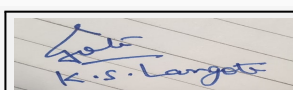
a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	90 m3/day	Rs. 27.00 Lakh	Rs. 3.75 Lakh/Year
2	STP 2	45 m3/day	Rs. 15.00 Lakh	Rs. 2.25 Lakh/Year
3	RWH	-	Rs. 6.25 Lakh	Rs. 0.30 Lakh/Year
4	MSW	500 kg/day	Rs. 14.56 Lakh	Rs. 1.03 Lakh/Year
5	Solar System	-	Rs. 28.00 Lakh	Rs. 0.99 Lakh/Year
6	Landscaping	-	Rs. 10.22 Lakh	Rs. 1.63 Lakh/Year
7	Swimming Pool	-	Rs. 2.20 Lakh	Rs. 0.15 Lakh/Year
8	Safety Equipment	-	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
9	Post EC Monitoring	-	-	Rs. 2.50 Lakh/Year
10	Dry Waste Management	-	-	Rs. 0.81 Lakh/Year

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



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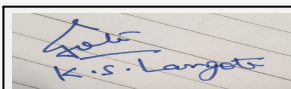
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	Area - 5955.44m ² (Commercial Building- 2 Nos & Residetal Building- 1 No.)
	Number and area of podia:	Area -1525.20 m ² - 1 no podium
	Total Parking area:	7480.64 m ²
	Area per car:	45.61 m ²
	Area per car:	45.61 m ²
	Number of 2-Wheelers as approved by competent authority:	560
	Number of 4-Wheelers as approved by competent authority:	164
	Public Transport:	-
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	-



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	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 construction project on S. No. 22/2, at Wakad, Dist-Pune by Mr. Nirman Properties.

DECISION OF SEAC

PP remains absent.

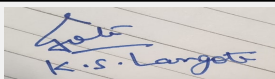
SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

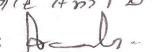
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Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

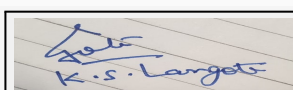
Subject: Environment Clearance for Building construction project

Is a Violation Case: No

1.Name of Project	Mi casa
2.Type of institution	Private
3.Name of Project Proponent	Mr.Sagar rohidas tupe
4.Name of Consultant	Mr. Rajesh Shrivastava PECS- Pollution & Ecology Control Services
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 211, H.No. 17+18A+18B, Plot No. A, Hadapsar Pune
9.Taluka	Haveli
10.Village	Hadapsar
Correspondence Name:	Mr.Sagar Rohidas Tupe
Room Number:	flat no 101
Floor:	1st
Building Name:	Shree laxmi villa
Road/Street Name:	Revenue colony
Locality:	Shivaji nagar
City:	Pune
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	Pune municipal corporation
	IOD/IOA/Concession/Plan Approval Number: CC/2381/2015
	Approved Built-up Area: 12638.19
13.Note on the initiated work (If applicable)	Buildings A, B & C are completed and the construction completed is < 20,000 sqm. therefore as per circular dated 21 April 2015 we have not violated EIA Notification u/s 5.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	9814.31
16.Deductions	476.41
17.Net Plot area	9337.9
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15484.53
	b) Non FSI area (sq. m.): 14362.57
	c) Total BUA area (sq. m.): 29847.1
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 8387.57
	Approved Non FSI area (sq. m.): 4250.62
	Date of Approval: 24-10-2015
19.Total ground coverage (m2)	4509.69
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	48.3 %
21.Estimated cost of the project	495000000

22.Number of buildings & its configuration

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 67 Meeting Date: August 21, 2018

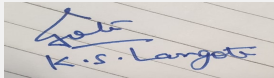
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Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

1	A	LP+G+2	11.20	
2	B	2P+13	47.20	
3	C	2P+13	45.55	
4	D	2P+13	44.35	
23.Number of tenants and shops	no of tenaments = 208 no of shop & offices = 18 units			
24.Number of expected residents / users	residential users= 1040nos commercial users = 272 nos			
25.Tenant density per hectare	223			
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	minimum 9 m			
29.Existing structure (s) if any	structures construction as per sanction			
30.Details of the demolition with disposal (If applicable)	no doemolition			
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				



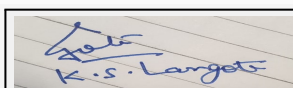
K.S.Langote (Secretary SEAC-III)

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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC							
	Fresh water (CMD):	99.23							
	Recycled water - Flushing (CMD):	53.6							
	Recycled water - Gardening (CMD):	5.63							
	Swimming pool make up (Cum):	0.19							
	Total Water Requirement (CMD) :	158.46							
	Fire fighting - Underground water tank(CMD):	30							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	93.79							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	99.23							
	Recycled water - Flushing (CMD):	53.6							
	Recycled water - Gardening (CMD):	0.0							
	Swimming pool make up (Cum):	0.19							
	Total Water Requirement (CMD) :	152.83							
	Fire fighting - Underground water tank(CMD):	30							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	99.42							
Details of Swimming pool (If any)	KIDS POOLPROPOSED OF SIZE 2.5M X 2.5M X 0.6M								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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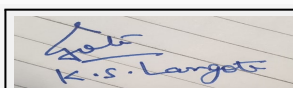
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Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 M BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	Collection in raw water tank
	Quantity of recharge pits:	2 nos
	Size of recharge pits :	2 x 2 x 3
	Budgetary allocation (Capital cost) :	Rs 1.30 lacs
	Budgetary allocation (O & M cost) :	Rs. 0.06 lacs/ Annum
	Details of UGT tanks if any :	UGT capacity -250 cum
35.Storm water drainage	Natural water drainage pattern:	east to west
	Quantity of storm water:	3377 37 cum
	Size of SWD:	450 mm to 600mm
Sewage and Waste water	Sewage generation in KLD:	140.59
	STP technology:	mbbr
	Capacity of STP (CMD):	161 KLD
	Location & area of the STP:	Shown on the Plumbing Plan
	Budgetary allocation (Capital cost):	Rs. 22 Lacs
	Budgetary allocation (O & M cost):	Rs. 2.42 Lacs/ Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	2.5 Kg/day
	Disposal of the construction waste debris:	To be disposed of through authroised agency & Recyclers
Waste generation in the operation Phase:	Dry waste:	235.2 Kg/day
	Wet waste:	340.09 Kg/day
	Hazardous waste:	NIL
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	14.49
	Others if any:	NIL



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Mode of Disposal of waste:	Dry waste:	Through authorized agency
	Wet waste:	in- situ Composting
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	In situ Composting
	Others if any:	NA
Area requirement:	Location(s):	As shown on plan
	Area for the storage of waste & other material:	36 sqm
	Area for machinery:	Considered in above area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 7.18 Lacs
	O & M cost:	Rs. 2 Lacs/Annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

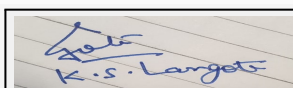
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



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43.Green Belt Development	Total RG area :	938 SQM
	No of trees to be cut :	NILL
	Number of trees to be planted :	EXISTING TREE- 142 Plantation required as per rule -117 plantation proposed-0
	List of proposed native trees :	Tree already existing, plantation not proposed
	Timeline for completion of plantation :	Plantation for project already completed

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	NA	NA	NA	NA

45.Total quantity of plants on ground

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

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

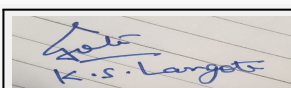
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	60 KW
	DG set as Power back-up during construction phase	30 KVA
	During Operation phase (Connected load):	928.25 KW
	During Operation phase (Demand load):	680.89 KVA
	Transformer:	630 KVA- 1KVA 315 KVA 1NO
	DG set as Power back-up during operation phase:	125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Common area lighting such as parking, stairways, passages etc shall be provided with LED bulbs

- LED for entire Drive way and internal roads and pathways
- Solar Water heating system shall be provided for entire scheme as per norms
- Energy efficient pumps.
- Timer for Staircase lighting, Lift Lobby, Parking area and street lights.
- Energy saving devices for passenger lifts.



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49.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	Solar Water Heater	4.964 %
2	Solar Street Lights	0.134 %
3	PV Generation	0.27%
4	TOTAL	5.20 %

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:	22.50 LACS
	O & M cost:	0.47 LACS

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

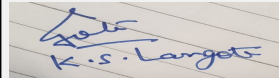
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	water for construction & labour	water requirement	1.60
2	site sanitation & safety	health & safety	1.60
3	environmental monitoring	health & safety	1.80
4	disinfection	health & safety	0.50
5	health check up	health & safety	0.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	rain water harvesting	RWH pits	1.30	0.06
2	sewage treatment plant	waste water treatment	22.00	2,42
3	organic waste composting	solid waste management	7.18	2
4	Tree Plantation	Landscape development	0.00	4.15
5	Energy saving	energy conservation	22.50	0.47
6	Environment Monitoring	Pollution Control	0.00	1.80

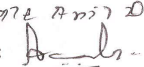
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

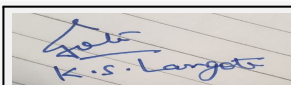
No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 no
Parking details:	Number and area of basement:	nil
	Number and area of podia:	1 no of area 3772.69 sqm
	Total Parking area:	4595.25sqm
	Area per car:	12.5 sqm
	Area per car:	12.5 sqm
	Number of 2-Wheelers as approved by competent authority:	567 Nos
	Number of 4-Wheelers as approved by competent authority:	216 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	9 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	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

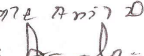
Summorisred in brief information of Project as below.



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Brief information of the project by SEAC

Environment clearance for construction project on S. No. 211, H. No. 17 +18A +18B, Plot No. A at Hadapsar, Dist- Pune by Mr. Sagar Rohidas Tupe.

PP submitted their application for prior Environmental clearance for total plot area of 9814.31 Sq. Mtrs, FSI area 15,484.53 Sq.m, Non FSI 14,222.54 Sq.m and Total Built up Area of 29,847.1 Sq. Mtrs. Now PP proposes to construct 4 residential buildings.

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

DECISION OF SEAC

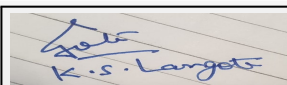
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit clarification regarding non applicability of EC for first phase.
- 2) PP to submit mitigation plan to avoid inconvenience to the existing occupants due to proposed work.
- 3) PP to assure that the existing septic tank will be converted into temporary storage tank.
- 4) PP to submit debris management plan along with NOC where debris would be dump.
- 5) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. Showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road
- 6) PP to submit CER activities.
- 7) PP to submit geohydrological report
- 8) PP to submit parking layout plan for the proposed building to be revised- dependent parking shown in the plan should eliminated and revised parking plan to be submitted with parking statement.
- 9) PP to submit revised parking for commercial layout and circulation to be isolated.
- 10) PP to submit revised fire tender plan and its cross section.
- 11) PP to submit revised CFO NOC for expansion.
- 12) PP to submit water and drainage NOC.
- 13) PP to submit details for CER activities

FINAL RECOMMENDATION

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



**K.S.Langote (Secretary
SEAC-III)**

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

Agenda for 67 th Meeting of SEAC-3 (Day-3)

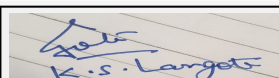
SEAC Meeting number: 67 Meeting Date August 21, 2018

Subject: Environment Clearance for Building Construction Project

Is a Violation Case: No

1.Name of Project	Punya Parva
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vikesh A. Oswal
4.Name of Consultant	Mr. Rajesh Shrivastav PECS- Pollution & Ecology Control Services
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	R.S.No. 804/1B&805/1,C.S. no. 729,E - Ward,Kasaba Bawada,Kolhapur
9.Taluka	Karveer
10.Village	NA
Correspondence Name:	Mr. Vikesh A. Oswal
Room Number:	2814/C
Floor:	NA
Building Name:	B- Ward
Road/Street Name:	Mangalwar Peth
Locality:	Belbagh
City:	Kolhapur
11.Area of the project	Corporation
12.IOD/IOA/Concession/Plan Approval Number	Kolhapur municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: E-99/2012-13 dated 20/08/2013
	Approved Built-up Area: 26037.64
13.Note on the initiated work (If applicable)	Work is initiated for Buildings HR1, HR2, HR3, HR4 & HR5. The work is completed as per sanction dated 20/08/13 and part completion is issued on 24/4/2017 vide No. 113 & 42/2015-16. The total BUA completed is 26037.64 sqm. No notice u/s 5 of EIA notification 2006 is issued . No credible action taken. Filed as per notification dtd 14/03/2017
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11125
16.Deductions	0
17.Net Plot area	11125.0
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 18393.55
	b) Non FSI area (sq. m.): 15288.11
	c) Total BUA area (sq. m.): 33681.66
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12381.25
	Approved Non FSI area (sq. m.): 12620.47
	Date of Approval: 20-08-2013
19.Total ground coverage (m2)	2722.61
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24.48 %
21.Estimated cost of the project	488300000

22.Number of buildings & its configuration



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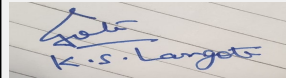
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	HR 1	B+G+5	20.95	
2	HR 2	B+G+10	34.2	
3	HR 3	B+G+10	34.2	
4	HR 4	B+G+10	34.2	
5	HR 5	B+G+10	34.2	
6	HR 6	St+10	33	
7	Club House	-	-	
23.Number of tenants and shops	No. of Tenements- 193 No. of shops- 4 No. of offices -14			
24.Number of expected residents / users	Residential users- 965 Nos Commercial Users- 265 Nos			
25.Tenant density per hectare	174 Tenements / hectare			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 M wide approach road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 M			
29.Existing structure (s) if any	Yes, as per previous sanction			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



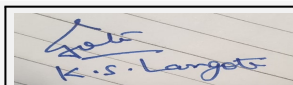
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Dry season:	Source of water	KMC							
	Fresh water (CMD):	96.1							
	Recycled water - Flushing (CMD):	50.6							
	Recycled water - Gardening (CMD):	6.75							
	Swimming pool make up (Cum):	3.95							
	Total Water Requirement (CMD) :	152.91							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	93.3							
Wet season:	Source of water	KMC							
	Fresh water (CMD):	96.1							
	Recycled water - Flushing (CMD):	50.6							
	Recycled water - Gardening (CMD):	0.0							
	Swimming pool make up (Cum):	3,95							
	Total Water Requirement (CMD) :	146.16							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	100.05							
Details of Swimming pool (If any)	1 swimming pool proposed of size 10.95m x 4.8m x 1.5m								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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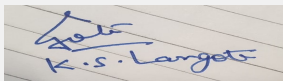
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 M BGL
	Size and no of RWH tank(s) and Quantity:	Collected in raw water tank
	Location of the RWH tank(s):	Shown on plan
	Quantity of recharge pits:	2. nos
	Size of recharge pits :	2m x 2m x 3m
	Budgetary allocation (Capital cost) :	Rs. 1.30 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.06 Lacs / annum
	Details of UGT tanks if any :	Underground tank of capacity- 450 Cum
35.Storm water drainage	Natural water drainage pattern:	South to North
	Quantity of storm water:	5562.5 Cum/Annum
	Size of SWD:	450 mm to 600 mm
Sewage and Waste water	Sewage generation in KLD:	150.11
	STP technology:	MBBR
	Capacity of STP (CMD):	STP Capacity- 155 KLD
	Location & area of the STP:	Shown on plan
	Budgetary allocation (Capital cost):	Rs. 21.0 Lacs
	Budgetary allocation (O & M cost):	Rs. 2.31 Lacs/ Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 Kg/day
	Disposal of the construction waste debris:	To be disposed off through authorized agency & recyclers
Waste generation in the operation Phase:	Dry waste:	219.5 Kg/day
	Wet waste:	316.61 Kg/day
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	13.86 Kg/day
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Handed over to authorized agency
	Wet waste:	In- situ Composting
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	In-situ composting
	Others if any:	NA
Area requirement:	Location(s):	shown on plan
	Area for the storage of waste & other material:	25 sqm
	Area for machinery:	Considered in above area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 6.68 Lacs
	O & M cost:	Rs. 2 Lacs/ Annum

37.Effluent Charecterestics

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

38.Hazardous Waste Details

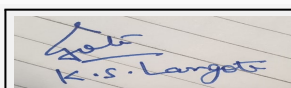
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

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

40.Details of Fuel to be used

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



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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	1125 Sqm
	No of trees to be cut :	Nil
	Number of trees to be planted :	Plantation required as per DCR- 140 Nos. Existing trees- 200 Nos Proposed Plantation- 0 Nos.
	List of proposed native trees :	Proposed plantation- 0 Nos
	Timeline for completion of plantation :	Plantation completed as on date.

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	NA	NA	NA	NA

45.Total quantity of plants on ground

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

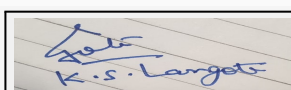
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	60 KW
	DG set as Power back-up during construction phase	30 KVA
	During Operation phase (Connected load):	1656 KW
	During Operation phase (Demand load):	821 KW
	Transformer:	630 KVA- 1 NO. & 315 KVA - 1 No
	DG set as Power back-up during operation phase:	160 KVA - 1 No
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

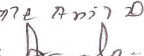
Auto Timer control for external & Common lighting
Use of CFL / LED lamps in all public/ common areas.
Solar powered water heating .
Electronic V3F Drives for Elevators
Solar PV Panel power for common area lighting.



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49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV pannels	0.70 %
2	Timer Logic controller	1.02 %
3	Electronic V3Fdrive for lift	0.69 %
4	Solar water heater	5.55 %

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. 43.5 Lac
	O & M cost:	Rs. 2.44 Lac / Annum

51.Environmental Management plan Budgetary Allocation

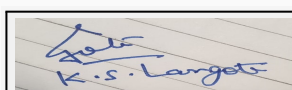
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for construction & Labour	Water requirement	1.44
2	Site Sanitation & Safety	Health & Safety	1.60
3	Environmental Monitoring	Pollution Control	1.80
4	Disinfection	Health & Safety	0.5
5	Health Check up	Health & Safety	0.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH pits	1.30	0.06
2	Sewage Treatment Plant	Waste water treatment	21.0	2.31
3	Organic Waste Composting	solid waste management	6.68	2.0
4	Tree Plantation	Landscape development	0.0	4.15
5	Energy saving	Energy Conservation measures	43.5	2.44
6	Environment Monitoring	Pollution monitoring & control	0.0	1.80

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

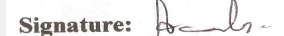


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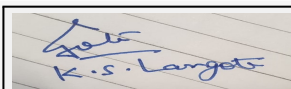
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 Nos.
Parking details:	Number and area of basement:	Basement Area- 2350 Sqm
	Number and area of podia:	Na
	Total Parking area:	3062.65 Sqm
	Area per car:	13.4 Sqm
	Area per car:	13.4 Sqm
	Number of 2-Wheelers as approved by competent authority:	271 Nos
	Number of 4-Wheelers as approved by competent authority:	161 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	9 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA



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	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

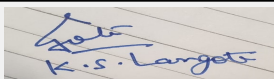
Environment clearance for construction project on R.S. No. 804/1B & 805/1, C.S no. 729 , E- Ward, Kasaba Bawada, Kolhapur by Mr. Vikesh A. Oswal.

PP submitted their application for prior Environmental clearance for total plot area of 11,125, FSI-18,393.55 Sq. Mtrs, Non FSI area 15,288.11 and Total Built up Area - 33,681.66 Sq.m. Now PP proposes to construct 4 residential buildings.

The violation 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)

DECISION OF SEAC

SEAC-AGENDA-00000119



K.S.Langote (Secretary SEAC-III)

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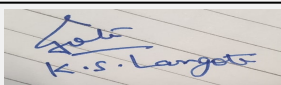
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Name: Kale Anil D.
Signature: [Handwritten Signature]
Shri. Anil Kale (Chairman SEAC-III)

After deliberation, Committee Hereby accords approval to the Terms of Reference for proposed 'Construction for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP) including all above points for further discussion and consideration of SEAC as per MoEF& CC Notification dated 14/03/2017 and 8/03/2018. PP requested for time to submit above information.

Specific Conditions by SEAC:

- 1) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 2) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 3) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 4) PP to submit detailed report on CSR activities in consultation with project affected people.
- 5) PP to resubmit traffic impact study.
- 6) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. Showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road.
- 7) PP to submit Side specific EMP giving proper details and required the step taken for corrective action and who will of look after the same.
- 8) PP to submit Socio -economic infrastructure within vicinity land specially existing primary school, market hospital etc.
- 9) PP to submit NOC,s for Water supply, Disposal of solid waste, sewage connection to Municipal sewer pipeline. And CFO NOC.
- 10) PP to submit energy saving calculations.
- 11) 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.
- 12) PP to prepare an Ecological report.
- 13) PP to submit Project description, its importance and the benefits,
- 14) PP to submit Project site details (location, top sheet of the study area of 10 km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
- 15) PP to submit Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
- 16) PP to submit Land acquisition status, R&R details,
- 17) PP to submit Baseline environmental study for ambient air (PM10, PM2.5, SO2, NOx& CO), water (both surface and ground), noise and soil as per MoEF&CC/CPCB guidelines at minimum 5 to 10 locations in the study area.
- 18) PP to submit Details on flora and fauna and socio-economic aspects in the study area
- 19) PP to submit Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc),
- 20) PP to submit Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc,
- 21) PP to submit Waste water management (treatment, reuse and disposal) for the project and also the study area.
- 22) PP to submit Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, and the Construction & Demolition Rules.
- 23) PP to submit Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
- 24) PP to submit Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- 25) PP to Submit an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 26) PP to submit the remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- 27) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 28) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 29) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 30) PP to submit details of CER activities in consultation with the people in the project area as per MoEF& CC circular dated 1/05/2018 if applicable.
- 31) PP to submit an indemnity bond as regards Heritage Status.
- 32) PP to submit plan showing the alignment of storm water drain arrangement up to final disposal point by proposing adequate SW drain in layout with details of final chamber.
- 33) PP to submit mitigation plan to avoid inconvenience to the existing occupants due to proposed work
- 34) PP to submit storm water drainage NOC
- 35) PP to submit details for CER activities



**K.S.Langote (Secretary
SEAC-III)**

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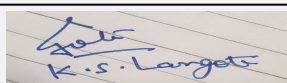
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Name: K S Langote
Signature: [Handwritten Signature]
**Shri. Anil Kale (Chairman
SEAC-III)**

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.

SEAC-AGENDA-00000000119



**K.S.Langote (Secretary
SEAC-III)**

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Name: K 072 Anil D.

Signature:

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

Agenda for 67 th Meeting of SEAC-3 (Day-3)

SEAC Meeting number: 67 Meeting Date August 21, 2018

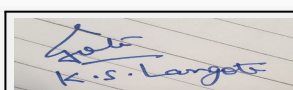
Subject: Environment Clearance for Project by M/s Dolphin Buildcon

Is a Violation Case: No

1.Name of Project	Casa Grande
2.Type of institution	Private
3.Name of Project Proponent	Mr. Dinesh Gupta
4.Name of Consultant	JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No.89/1,Aundh Ravet BRT Road, Opposite Nivrutti Lawns, Ravet, Pune 412101
9.Taluka	Haveli
10.Village	Ravet
Correspondence Name:	Mr Dinesh Gupta
Room Number:	-
Floor:	-
Building Name:	Riddhi capital,Plot No. F11 ADC Sec. No. 28,
Road/Street Name:	Sambhaji Chowk
Locality:	Pradhikaran
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 21189.86
13.Note on the initiated work (If applicable)	Wing B- Raft,footing & column of basement floor is completed
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable- 2295.01m2
15.Total Plot Area (sq. m.)	15700m2
16.Deductions	4790.73m2
17.Net Plot area	10909.27m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 26609.16m2
	b) Non FSI area (sq. m.): 27930.26m2
	c) Total BUA area (sq. m.): 54539.42
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12645.60(Part Sanction)
	Approved Non FSI area (sq. m.): 8544.26(Part Sanction)
	Date of Approval: 06-10-2016
19.Total ground coverage (m2)	2684.78m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.10% of Total plot area (15700.00m2) & 24.61% of Net plot area (10909.27m2)
21.Estimated cost of the project	920000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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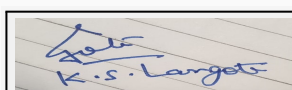
1	Building-A	B+G+Podium+15	49.35 M
2	Building-B	B+G+Podium+ 15	49.35 M
3	Building-C	B+G+Podium+15	49.35 M
4	MHADA Building	P+8	25.65 M
5	Commercial Building	2B+G+7	27 M

23.Number of tenants and shops	Total Tenements - 390Nos. (Residential-352 Nos + MHADA-38 Nos.) Commercial Building: Shops - 22 Nos & Offices- 63 Nos.
24.Number of expected residents / users	Residential Users: 1950Nos. Commercial Users : 443 Nos. Total Users : 2393Nos.
25.Tenant density per hectare	248.40
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45.00 M wide Aundh-Ravet BRT Road
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	Sales Office & Sample Flat
30.Details of the demolition with disposal (If applicable)	Existing sales office & sample flat will be demolished & debris will be used for land filling

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



K.S.Langote (Secretary SEAC-III)

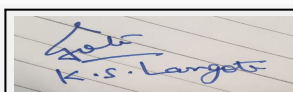
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Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PCMC								
	Fresh water (CMD):	301.08 m3/day (One Time)								
	Recycled water - Flushing (CMD):	101.04 m3/day								
	Recycled water - Gardening (CMD):	12.89 m3/day								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	186.65 m3/day								
	Fire fighting - Underground water tank(CMD):	275 m3								
	Fire fighting - Overhead water tank(CMD):	90 m3								
	Excess treated water	145.44 m3/day								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	288.19 m3/day (One Time)								
	Recycled water - Flushing (CMD):	101.04 m3/day								
	Recycled water - Gardening (CMD):	0.00 m3/day								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	186.65m3/day								
	Fire fighting - Underground water tank(CMD):	275 m3								
	Fire fighting - Overhead water tank(CMD):	90m3								
	Excess treated water	158.33 m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: NA Total water Requirement in KLD: NA Water requirement in KLD: NA Details of Plant & Machinery used for treatment of Swimming pool water: NA Details of quality to be achieved for swimming pool water and parameters to be monitored: 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	



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-monsoon- 12 to 15 mt. BGL Post-monsoon- 4 to 6 mt. BGL
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	6 Nos
	Size of recharge pits :	2.0M X 2.0M
	Budgetary allocation (Capital cost) :	Rs 6.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.50 Lakh/Year
	Details of UGT tanks if any :	<p>UGT 1 (Residential): Domestic Water Storage Tank: 81.7m³ Treated Water Storage Tank: 163.4m³ Fire Fighting Water Storage Tank: 275m³</p> <p>UGT 2 (MHADA): Domestic Water Storage Tank: 8.55m³ Treated Water Storage Tank: 17.1m³ Fire Fighting Water Storage Tank: 0.00m³</p> <p>UGT 3 (Commercial): Domestic Water Storage Tank: 4.98m³ Treated Water Storage Tank: 4.98m³</p>
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	15.11 m ³ /Min
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	236.27m ³ /day (Residential & Commercial), 23.08m ³ /day (MHADA)
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1- 250 m ³ /day (Residential & Commercial), STP 2- 30m ³ /day (MHADA)
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	STP 1-Rs. 64.69 Lakh , STP 2- Rs 20.93 Lakh
	Budgetary allocation (O & M cost):	STP 1-Rs. 8.27 Lakh/Year, STP 2- Rs 4.98 Lakh/Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 Kg/day
	Disposal of the construction waste debris:	Use for Leveling
Waste generation in the operation Phase:	Dry waste:	270.83 Kg/day (Residential & Commercial), 25.65 Kg/day (MHADA)
	Wet waste:	631.93 Kg/day (Residential & Commercial), 59.85 Kg/day (MHADA)
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC
	Others if any:	Not Applicable

Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	50 Kg/day (100% dry) (Residential & Commercial), 6.00 Kg/day (100% dry) (MHADA)
	Others if any:	Not Applicable
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	OWC 1- 75.20 m2 & OWC-2 12 m2 including machinery area
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	OWC 1- Rs. 18.53 Lakh (Residential & Commercial), OWC 2- Rs. 8.78 Lakh (MHADA)
	O & M cost:	OWC 1- Rs. 2.81 Lakh/Year (Residential & Commercial), OWC 2- Rs. 2.34 Lakh (MHADA)

37. Effluent Characteristics

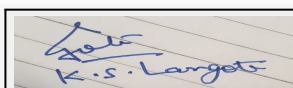
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable		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

38. Hazardous Waste Details

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

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set- 160 KVA- 1 No. (For Residential Building)	HSD	S-1	6.5 mtr	To be provided	To be provided
2	DG set- 45 KVA- 1 No. (For Commercial Building)	HSD	S-2	5.5 mtr	To be provided	To be provided
3	DG set- 45 KVA- 1 No. (For MHADA Building)	HSD	S-3	5.5 mtr	To be provided	To be provided



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Signature: [Handwritten Signature]

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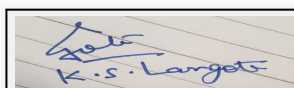
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	59.9 Litr/Hr	59.9 Lit/Hr
41.Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		

43.Green Belt Development	Total RG area :	1512.72
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	213
	List of proposed native trees :	213
	Timeline for completion of plantation :	Mid of construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus excelsa	Maharukh	8	Drought tolerant species, To control soil erosion.
2	Albizia lebek	Shirish	11	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
3	Anthocephalus kadamba	Kadamb	8	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	8	Medicinal value, To control soil erosion. To improve soil erosion
5	Bauhinia blackiana	Kanchanraj	8	Every part of the plant is medicinal, Drought tolerant species.
6	Bauhinia purpurea	Gulabi kanchan	7	Every part of the plant is medicinal, Drought tolerant species.
7	Butea monosperma	Palas	8	Medicinal value, Bird attracting species,To control soil erosion.
8	Cassia fistula	Bahawa	9	Medicinal value, Drought tolerant species,Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
9	Choclospermum religiosum	Sonsawar	4	Medicinal value, Native species
10	Cordia dichotoma	Bhokar	8	Medicinal value, Edible fruits
11	Dalbergia sissoo	Shisav	4	Medicinal value, Bird attracting species
12	Ficus arnottiana	Payar	3	Drought tolerant species, Bird attracting species. To control soil erosion.



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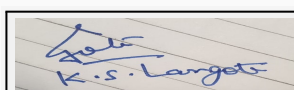
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13	Ficus glomerata	Umber	4	Medicinal value, Edible fruits, Bird attracting species
14	Ficus retusa	Nandruk	5	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
15	Phyllanthus emblica	Awla	4	Medicinal value, To control soil erosion.
16	Mangifera indica	Mango	4	Edible fruit, Bird attracting species.
17	Michelia champaca	Sonchaffa	6	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Pongamia pinnata	Karanj	4	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
19	Saraca indica	Sita-ashok	4	Medicinal value, Religious plant.
20	Syzygium cumini	Jamun	5	Medicinal value, Edible fruit.
21	Azardirachta indica	Neem	12	Medicinal value, To control soil erosion. To improve soil erosion
22	Bahunia racemosa	Apta	6	Every part of the plant is medicinal, Drought tolerant species.
23	Caryota urens	Fishtail palm	8	Grown in any type of soil. Very Hardy.
24	Citrus species	Lemon	4	Medicinal value, Edible fruit.
25	Dalbergia sissoo	Shisav	4	Medicinal value, Bird attracting species
26	Erythrina indica	Pangara	4	Fragrant flowers, Drought tolerant species, Birds attracting
27	Gmelina arborea	Shivan	5	Medicinal value, Drought tolerant species, Bird attracting species.
28	Mimosups elengii	Bakul	9	Fragrant flowers, Medicinal value, To control soil erosion.
29	Murraya koengii	Kadipatta	8	Medicinal value, Edible leaves.
30	Aegle marmelos	Bel	4	Fragrant flowers, Bird attracting species.
31	Nyctanthus arbortristis	Parijatak	4	Fragrant flowers, Medicinal value,
32	Putrnjiva roxburghii	Putrnjiva	8	Medicinal value, Drought tolerant species
33	Roystonea regia	Bottle palm	15	Ornamental plant, Medicinal value, Birds & bats eat fruits.
45.Total quantity of plants on ground				

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	45KVA- 1No.
	During Operation phase (Connected load):	2285 KW
	During Operation phase (Demand load):	2031.11 KVA
	Transformer:	630KVA-3 nos.
	DG set as Power back-up during operation phase:	160 KVA- 1No. (For Residential Building), 45 KVA- 1 No. (For Commercial Building), 45 KVA- 1 No. (For MHADA Building)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

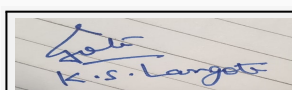
48. Energy saving by non-conventional method:

- Solar Water Heating Systems Will Be Done For Bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.
- Water Level Controllers With Timers will be Used for Water Pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED Lights.
- Detail calculations & % of saving: 15To20%

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	30240.98 KWH
2	Bollard Lighter - Light Fitting For Landscape Area.	143.08 KWH
3	Recesses Wall Light. - Light Fitting For Landscape Area.	275.94 KWH
4	Planter Of Lighter - Light Fitting For Landscape Area.	289.08 KWH
5	Solar Street Light Fitting - Pole Light On Road Side.	1460 KWH
6	Street Light on the Bldg.	2628 KWH
7	Energy Saving by Solar Hot Water System	438750 KWH

50. Details of pollution control Systems

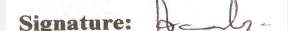


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Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to SWACH.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 57.4 Lakh
	O & M cost:	Rs. 1.15 Lakh/Year

51.Environmental Management plan Budgetary Allocation

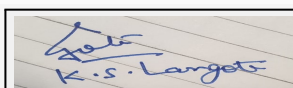
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker water for construction water monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation-Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest control first Aid Facilities. Health check up creches for children food for children personal protective equipment	1.0 Lakh/Year

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP-1	(250 KLD)	64.69 Lakh	8.27 Lakh/Year
2	STP-2	(30 KLD)	20.93 Lakh	4.98 Lakh/Year
3	RWH	-	6.00 Lakh	0.50 Lakh/Year
4	MSW-1	(750 KPD)	18.53 Lakh	2.81 Lakh/Year
5	MSW-2	(120-KPD)	8.78 Lakh	2.34 Lakh/year
6	Solar system	-	57.4 Lakh	1.15 Lakh/Year
7	Landscaping	-	29.05 Lakh	4.65 Lakh/Year
8	Safety Equipment	-	10.00 Lakh	2.00 Lakh/Year
9	Post EC Monitoring	-	-	2.50 Lakh/Year
10	Dry Waste Management	-	-	2.34 Lakh/year

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



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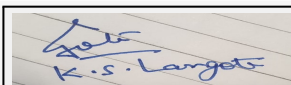
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	2 Basement's for Commercial & 1 Basement for Residential. Area= 4555.88 m ²
	Number and area of podia:	Area= 2525.04 m ²
	Total Parking area:	12180m ²
	Area per car:	47.02 m ²
	Area per car:	47.02 m ²
	Number of 2-Wheelers as approved by competent authority:	969 Nos.
	Number of 4-Wheelers as approved by competent authority:	259 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	9 M
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	-



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	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 construction project on S. No. 89/9, Aundh Ravet BRT Road, Opposite Nivrutti Lawns, Ravet, Pune by Mr. Dinesh Gupta.

PP submitted their application for prior Environmental clearance for total plot area of 15,700 Sq.m, FSI-26,609.9 Sq. Mtrs, Non FSI area 27,930.26 Sq.m and Total Built up Area - 54,539.42 Sq.m. Now PP proposes to construct 4 residential buildings & 1 commercial building.

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

DECISION OF SEAC

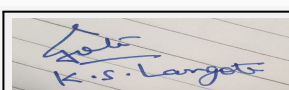
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC.
- 2) PP to submit geo hydrological report.
- 3) PP to submit revised drainage/ water & Sewerage NOC
- 4) PP to submit Architecture certification
- 5) PP to submit revised debris management plan
- 6) PP to submit details for CER activities

FINAL RECOMMENDATION

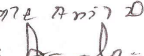
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



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