

Agenda for 66 th Meeting of SEAC-3

SEAC Meeting number: 66 Meeting Date June 13, 2018

Subject: Environment Clearance for Building Construction Project

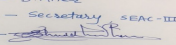
Is a Violation Case: No

1.Name of Project	Shiv Sagar Complex by M/s Sable Associates
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sudhir Sable
4.Name of Consultant	PECS (Pollution and Ecology Control Services) & Vertex Enviro Consultancy Pvt Ltd
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 17/1+2+3/1+3/2A+3/2B+5+6+7+8 + 18/2A+2B+18/10/2 +18/10/3 Sinhadgad Road, Manik Baug, Village- Vadgaon Budruk, Tehsil- Haveli, Pune
9.Taluka	Haveli
10.Village	Vadgaon Budruk
Correspondence Name:	M/s Sable Associates
Room Number:	CTS No 2134, F.P No 32B/24
Floor:	1st Floor
Building Name:	Adhishthan
Road/Street Name:	Vijaynagar Colony
Locality:	Sadashiv Peth
City:	Pune
11.Area of the project	Corporation Area
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: CC/4903/06 Dated 30/03/2007 & CC/4035/12 Dated 26/03/2013
	Approved Built-up Area: 84806.77
13.Note on the initiated work (If applicable)	Work has been initiated.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	80600.33 Sqm
16.Deductions	10009.76 Sqm
17.Net Plot area	70590.57 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 54992.62
	b) Non FSI area (sq. m.): 29814.15
	c) Total BUA area (sq. m.): 84806.77
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)	14244.49
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.67
21.Estimated cost of the project	1750000000

22.Number of buildings & its configuration

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 66 Meeting Date: June 13, 2018</p>	<p>Page 1 of 72</p>	<p>Name:  Signature: </p> <p>Shri. Anil Kale (Chairman SEAC-III)</p>
--	---	----------------------------	---

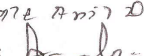
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	F - F1, F2, F3	LG+P+11	38.4	
2	F - F4, F5, F6	LG+P+21	68	
3	G	LG+P1+P2+P3+30	98	
4	H	LG+G+5	23.2	
23.Number of tenants and shops	No. of Tenants - 633 Nos. No. of Shops- 136 Nos.			
24.Number of expected residents / users	Residential Users- 3165 Nos Commercial User- 1352 Nos.			
25.Tenant density per hectare	Tenant density- 1100/Hector Tenement density- 182/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))	30 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	Structures are present as work has been initiated.			
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				

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

S.D.Aher (Secretary SEAC-III)

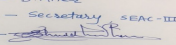
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 2 of 72

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)


Dry season:	Source of water	PMC							
	Fresh water (CMD):	311.89							
	Recycled water - Flushing (CMD):	176.22							
	Recycled water - Gardening (CMD):	52.97							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	541.08							
	Fire fighting - Underground water tank(CMD):	500							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	210.12							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	311.89							
	Recycled water - Flushing (CMD):	176.22							
	Recycled water - Gardening (CMD):	0.0							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	488.11							
	Fire fighting - Underground water tank(CMD):	500							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	280.71							
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

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

S.D.Aher (Secretary SEAC-III)

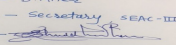
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 3 of 72

Name: K. Anil Kale
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

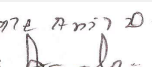

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	5 M BGL
	Size and no of RWH tank(s) and Quantity:	Not Proposed
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	14
	Size of recharge pits :	2 x 2 x 3
	Budgetary allocation (Capital cost) :	Rs. 18 Lacs
	Budgetary allocation (O & M cost) :	1 Lac/ annum
	Details of UGT tanks if any :	Domestic UG tank capacity: 596 Cum Flushing UG Tank Capacity: 218 Cum Fire UG Tank Capacity: 500 Cum Total: 1314 Cum
35. Storm water drainage	Natural water drainage pattern:	West to East
	Quantity of storm water:	3103 Cum/Hr
	Size of SWD:	450-600 mm
Sewage and Waste water	Sewage generation in KLD:	435 Cum
	STP technology:	Phytorid Technology
	Capacity of STP (CMD):	1 No. of 264 Cum, 1 No. of 135 Cum, 1 No. of 55 Cum Total 3 Nos of STP Proposed
	Location & area of the STP:	Shown on plan
	Budgetary allocation (Capital cost):	Rs. 120 Lacs
	Budgetary allocation (O & M cost):	Rs. 5 Lacs/ Annum
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Negligible
	Disposal of the construction waste debris:	Dumped at sites as mentioned by Authorities.
Waste generation in the operation Phase:	Dry waste:	1019 Kg/Day
	Wet waste:	845 Kg/Day
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	Negligible
	Others if any:	Nil

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 4 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Handed to authorized agency SWACH
	Wet waste:	Composting Machine
	Hazardous waste:	NIL
	Biomedical waste (If applicable):	NIL
	STP Sludge (Dry sludge):	Negligible
	Others if any:	NIL
Area requirement:	Location(s):	Shown on the plan
	Area for the storage of waste & other material:	252 Sqm
	Area for machinery:	252 Sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 29.66 Lacs
	O & M cost:	Rs. 20.71 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

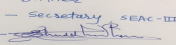
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

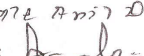
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41. Source of Fuel		Not applicable		
42. Mode of Transportation of fuel to site		Not applicable		

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

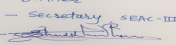
Page 5 of 72

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

43.Green Belt Development	Total RG area :	8260.34 Sqm
	No of trees to be cut :	NIL
	Number of trees to be planted :	941 Nos.
	List of proposed native trees :	List Given Below
	Timeline for completion of plantation :	Before completion of the project

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

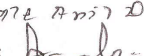
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Artocarpus heterophyllus	Jackfruit	52	Tree with good canopy. Fruit & flower bearing, attracting avifauna.
2	Azadirachta indica	Neem	96	This tree with good canopy can tolerate high to very high temperature and has anti-desertification properties and is a good carbon dioxide sink.
3	Barringtonia acutangula	Newar	1	Shade giving tree, small pinkish red flowers, drooping
4	Bombax ceiba	Sawar	9	Large deciduous tree, with reddish orange flowers
5	Cassia fistula	Bahava	21	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
6	Citrus limon	Lemon	14	Butterfly host plant
7	Cochlospermum religiosum	Ganer	135	Medium sized tree, with large yellow flowers
8	Erythrina variegata	Pangara	57	Shade giving tree, with vibrant red coloured flowers
9	Lagerstroemia flos-reginae	Tamhan	104	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers
10	Mangifera indica	Mango	50	Large evergreen tree with a dense dome-shaped crown attracts and provides nesting for avi fauna.
11	Manilkara zapota	Chikku	10	Fruit trees attracting butterflies/ birds
12	Michelia champaca	Chapha	18	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Mimusops elengi	Bakul	151	Shade giving tree, small white fragrant flowers
14	Nyctanthes arbor-tristis	Parijatak	59	Small deciduous fast growing tree, beautiful flowers.
15	Psidium guajava	Guava	39	Fruit trees attracting butterflies/ birds
16	Tabebuia avellanadae	Pink Trumpet Tree	125	Small deciduous fast growing tree, beautiful Pink flower bunches.

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

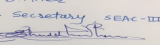
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 6 of 72

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

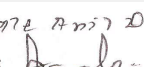

45.Total quantity of plants on ground			
46.Number and list of shrubs and bushes species to be planted in the podium RG:			
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA
47.Energy			
Power requirement:	Source of power supply :	MSEDCL	
	During Construction Phase: (Demand Load)	33 KW	
	DG set as Power back-up during construction phase	40 KVA	
	During Operation phase (Connected load):	3176 KW	
	During Operation phase (Demand load):	2820.28 KVA	
	Transformer:	630 KVA- 9 Nos. & 315 KVA - 1 No.	
	DG set as Power back-up during operation phase:	160 KVA - 1 No. & 125 KVA- 2 Nos.	
	Fuel used:	HSD	
Details of high tension line passing through the plot if any:	NA		
48.Energy saving by non-conventional method:			
<p>1. Timers and contactors will be used to switch on / off common area and external landscape and façade lighting.</p> <p>2. T5 fluorescent lamps (CFL) with high frequency ballast will be used for corridors and common areas & EXTERNAL ROAD LIGHTS.</p> <p>3. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and superior operating power factor. This indirectly saves energy. Electronic chokes also improves the life of the lamps.</p> <p>4. Energy efficient CFL/T5/LED lamps which give approx 30% more light output for the same watts consumed and therefore require less number of fixtures and corresponding lower point wiring cost.</p> <p>5. All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability to achieve the same. It is considered that the current carrying capacity of all the cables laid through ground/air whichever is minimum.</p> <p>6. 125 liters' solar water is provided for each flat.</p>			
49.Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures	Saving %	
1	Solar Water Heater & Solar Street Lights	3.54 %	
50.Details of pollution control Systems			
Source	Existing pollution control system	Proposed to be installed	
Not applicable	Not applicable	Not applicable	

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 7 of 72

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 86.06 Lacs
	O & M cost:	Rs. 1.99 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 dust Supression	Pollution Control	Rs. 1.22 Lacs
2	Site Sanitation	Health & Safety	Rs. 4.44 Lacs
3	Enviro Monitoring	Pollution Control	Rs. 6.06 Lacs
4	Disinfection	Health & Safety	Rs. 1.20 Lacs
5	Health & check up of labour	Health & Safety	Rs. 2.90 Lacs
6	Modular STP	Pollution Control	Rs. 10.35 Lacs

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	Rs. 120.00 Lacs	Rs.5.00 Lacs
2	RWH	Rain water harvesting pits	Rs.18.00 Lacs	Rs.1.00 Lacs
3	Landscape	Tree plantation	Rs. 35.00 Lacs	Rs. 5.00 Lacs
4	Energy Saving Measures	Non conventional modes of energy	Rs. 86.06 Lacs	Rs.1.99 Lacs
5	Solid Waste	Biodegradable waste management	Rs. 29.66 Lacs	Rs. 20.71 Lacs
6	Enviro Monitoring	pollution checkup & control	Rs. 0.00 Lacs	Rs. 6.06 Lacs
7	LG Parking Storm water pumping system	NA	Rs. 4.0 Lacs	Rs. 0.50 Lacs

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

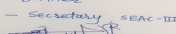
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

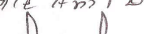
	Nos. of the junction to the main road & design of confluence:	5 Nos.
--	--	--------

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

S.D.Aher (Secretary SEAC-III)

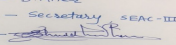
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 8 of 72

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

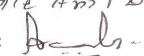
Parking details:	Number and area of basement:	NIL
	Number and area of podia:	2 Nos. of Podium
	Total Parking area:	27072.23 Sqm
	Area per car:	12.5 Sqm/Car
	Area per car:	12.5 Sqm/Car
	Number of 2-Wheelers as approved by competent authority:	2488 Nos
	Number of 4-Wheelers as approved by competent authority:	540 Nos
	Public Transport:	NIL
	Width of all Internal roads (m):	Min 6M & 9M Wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	Criminal Suit for Violation
	Other Relevant Informations	1. Appeared before SEAC III in 51st Meeting. 2. Recommended by SEAC III
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	30-06-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 9 of 72

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

Minutes of the 51st meeting of the SEAC - III (NoN-MMR) held from 26th and 28th to 30th July, 2016 :

PP submitted their application for prior Environment Clearance for total plot area of 80600.33 Sq.mt. BUA of 84,806.77 Sq. Mtrs and FSI area of 54,992.62 Sq. Mtrs. PP proposes to construct 8 nos. of residential buildings, commercial area of 4055.50 Sq.M having maximum height of 98 Mtrs. and a club house.

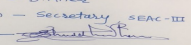
The case was earlier considered in the 29th meeting of the SEAC - III held from 20th to 23rd April, 2015 when the case was sent to the Environment Department for the verification of the issue of the violation. Credible action has been initiated against the PP vide letter dated 13.01.2016. (Case No. 403667/2015 in the court at Pune).

Therefore, SEAC - III committee considered the case for appraisal in its 41st meeting held from 27th to 30th January, 2015 when case was deferred. The case was again considered in 44th meeting of the SEAC - III held from 28th to 31st March, 2016.

During discussion PP informed that they have constructed building A to D having built up area 37,382.82 Sq.M in 2004 prior to Applicability of the Act (EIA Notification, 2006). Therefore, built up area of 37,382.82 Sq.M building A to D not considered in this application. The building E & F having built up area 38,770.5 Sq.M were constructed after EIA Notification 2006. Therefore, case has been filed for construction of building E and F. PP informed that they have given occupancy to buildings A to E. Now PP has applied for prior environmental clearance of building F, G and H. During deliberation committee confirmed that SEAC- III can only consider 82,806.77 Sq.M total built up area of building F, G & H for prior environment clearance.

Now in 66 th meeting 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) B2.

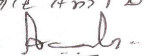

DECISION OF SEAC

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 10 of 72

Name: 
Signature: 

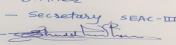
Shri. Anil Kale (Chairman SEAC-III)

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:

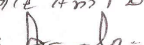
- 2) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 3) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 4) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 5) PP to submit detailed report on CSR activities in consultation with project affected people.
- 6) PP to resubmit traffic impact study.
- 7) 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.
- 8) 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.
- 9) PP to submit Socio -economic infrastructure within vicinity land specially existing primary school, market hospital etc.
- 10) PP to submit NOC,s for Water supply, Disposal of solid waste, sewage connection to Municipal sewer pipeline. And CFO NOC.
- 11) PP to submit energy saving calculations.
- 12) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 13) PP to prepare an Ecological report.
- 14) PP to submit Project description, its importance and the benefits,
- 15) 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).
- 16) 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.
- 17) PP to submit Land acquisition status, R&R details,
- 18) 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.
- 19) PP to submit Details on flora and fauna and socio-economic aspects in the study area
- 20) 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),
- 21) 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,
- 22) PP to submit Waste water management (treatment, reuse and disposal) for the project and also the study area.
- 23) 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.
- 24) PP to submit Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
- 25) 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.
- 26) 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.
- 27) 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.
- 28) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 29) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 30) 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.
- 31) 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.

FINAL RECOMMENDATION

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

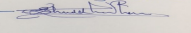
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 11 of 72

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

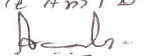
The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

SEAC-AGENDA-00000000094

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

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 12
of 72**

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

Agenda for 66 th Meeting of SEAC-3

SEAC Meeting number: 66 Meeting Date June 13, 2018

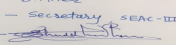
Subject: Environment Clearance for Construction Project by M/s Classic Builders

Is a Violation Case: No

1.Name of Project	Regency Classic
2.Type of institution	Private
3.Name of Project Proponent	Mr. Anil Pawar
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential
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	Sr. No. 54/4
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	Mr. Anil Pawar
Room Number:	97/1
Floor:	-
Building Name:	Nagina Apartment
Road/Street Name:	Pune - Satara Road
Locality:	Padmavati Corner
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received
	IOD/IOA/Concession/Plan Approval Number: CC/3726/15
	Approved Built-up Area: 22835.08
13.Note on the initiated work (If applicable)	19997.61 m ² (Building A (Wing A 1 + Wing A2) = P + 11, Building B (Wing B1)= P+ 11 ,(Wing B2) = P +6 Constructed)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	13400.00
16.Deductions	781.71
17.Net Plot area	8313.53
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Existing- 11330.58 m ² + Proposed- 1574.55 m ² = 12905.13 m ²
	b) Non FSI area (sq. m.): Existing- 8667.03 m ² + Proposed- 1262.92 m ² = 9929.95 m ²
	c) Total BUA area (sq. m.): 22835.08
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)	1992.70 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	14.87 % of Total Plot Area (13400.00 m ²) & 25.81 % of Net Plot Area (8313.53 m ²)
21.Estimated cost of the project	416400000

22.Number of buildings & its configuration

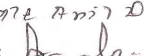
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 13
of 72**

Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

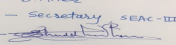
1	A(Wing A1+ Wing A2)	P + 11	36.00
2	B(Wing B1+ Wing B2)	P + 11	36.00
23.Number of tenants and shops	Total Tenements 172 nos.		
24.Number of expected residents / users	Residential Users- 860 nos.		
25.Tenant density per hectare	128.35		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12.00 m wide road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m		
29.Existing structure (s) if any	NA		
30.Details of the demolition with disposal (If applicable)	NA		

31.Production Details

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

32.Total Water Requirement

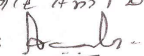
Dry season:	Source of water	PMC
	Fresh water (CMD):	137.54 m3/day (One time)
	Recycled water - Flushing (CMD):	38.70 m3/day
	Recycled water - Gardening (CMD):	13.44 m3/day
	Swimming pool make up (Cum):	3.00 m3/day
	Total Water Requirement (CMD) :	85.40 m3/day
	Fire fighting - Underground water tank(CMD):	274 m3
	Fire fighting - Overhead water tank(CMD):	80 m3
	Excess treated water	56.85 m3/day

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

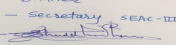
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 14 of 72

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

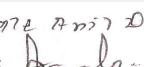

Wet season:	Source of water	PMC								
	Fresh water (CMD):	124.10 m3/day (One time)								
	Recycled water - Flushing (CMD):	38.70 m3/day								
	Recycled water - Gardening (CMD):	0.00 m3/day								
	Swimming pool make up (Cum):	3.00 m3/day								
	Total Water Requirement (CMD) :	85.40 m3/day								
	Fire fighting - Underground water tank(CMD):	274 m3								
	Fire fighting - Overhead water tank(CMD):	80 m3								
	Excess treated water	70.29 m3/day								
Details of Swimming pool (If any)	Dimension of Swimming Pool: Main pool: 12 x 6 x 1.2mt Kids pool: 7.7 x 2.5 x 0.6mt Balancing Tank Volume :10000ltrs Total Water Requirement in KLD: 110000 lits Make up water requirement in KLD: 2- 3 m3/day 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: Capital cost: Rs. 55.00 Lakh O & M cost: Rs. 7.00 Lakh/year									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season: - 14 m BGL , Winter Season: - 11 m BGL								
	Size and no of RWH tank(s) and Quantity:	NA								
	Location of the RWH tank(s):	NA								
	Quantity of recharge pits:	4 Nos.								
	Size of recharge pits :	1.5 m x 1.5 m x1.5 m								
	Budgetary allocation (Capital cost) :	Rs. 2.50 Lakh								
	Budgetary allocation (O & M cost) :	Rs. 0.60 Lakh/year								
	Details of UGT tanks if any :	Domestic UG tank Capacity: 130.00 m3 Flushing UG tank Capacity: 55.00 m3 Fire UG tank Capacity: 274.00 m3								

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

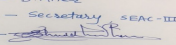
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 15 of 72

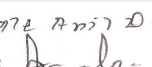

Name: 
 Signature: 
Shri. Anil Kale (Chairman SEAC-III)

35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	308.50 m ³ /hr
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	108.99 m ³ /day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. & Capacity - 110.00 m ³ /day (Existing)
	Location & area of the STP:	Area = 68.16 m ²
	Budgetary allocation (Capital cost):	Rs.34.85 Lakh
	Budgetary allocation (O & M cost):	Rs.2.82 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:	172.00 kg/day
	Wet waste:	258.00 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	9.80 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Authorized vender
	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:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	47.1 m ²
	Area for machinery:	Included in other Area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	For OWC-150 kg/day - 1no. - 6.75 Lakh (Existing) & For OWC -150 kg/day - 2 no. - 6.75 Lakh (Proposed)
	O & M cost:	For OWC 150 kg/day - 1 no. - 1.49 Lakh/year (Existing) & For OWC -150 kg/day - 2 no. - 1.49 Lakh/Year (Proposed)
37.Effluent Charecterestics		

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

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 16 of 72

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

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 - 125 KVA - 1 no.	HSD-38.3 Liters / Hr	S - 1	6.5 m	As per Norms	-

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	38.3 Liters /Hr.	NA	38.3 Liters /Hr.

41.Source of Fuel

Bharat Petroleum Corporation Limited/Hindustan Petroleum

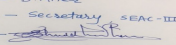
42.Mode of Transportation of fuel to site

By roadway

43.Green Belt Development	Total RG area :	2769.19 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	207 nos. already planted
	List of proposed native trees :	-
	Timeline for completion of plantation :	Already Completed

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

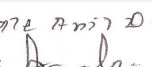

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tabebuia rosea	Pink Trumpet Tree	34	Preparations of the cortex of the tree are consumed to eliminate intestinal parasites, malaria and uterine cancer

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

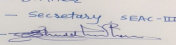
Page 17 of 72

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

2	Terminalia mantaly	Terminalia	42	Evergreen tree, shade giving.
3	Cassia fistula	Golden shower	05	Drought tolerant, ornamental & medicinal plant
4	Spathodea campanulata	Tuliptree, fountain tree, pichkari or nandi flame	27	The flower bud is ampule-shaped and contains water. These buds are often used by children who play with its ability to squirt the water. The sap sometimes stains yellow on fingers and clothes. The open flowers are cup-shaped and hold rain and dew, making them attractive to many species of birds.
5	Lagerstroemia indica	Crape myrtle, crepe myrtle, crepeflower	04	Flowering shrub/small tree, Low maintenance.
6	Coconut	Cocos nucifera	30	Nitrogen fixer, ornamental plant.
7	Cassia javanica	Ava cassia, pink shower, apple blossom tree	03	Drought tolerant, ornamental & medicinal plant.
8	Syzygium cumini	Jambhul	05	Fruit tree & bird attracting
9	Annona reticulata	Custard apple	03	Annona reticulata Linn. (Bullock's heart) is one of the traditionally important plant used for the treatment of various ailments. It belongs to family Annonaceae. The synonyms (Table 1) of plant are Ramphal, Bullock's heart and Custard apple.
10	Punica granatum	Pomegranate	05	Fruit tree & bird attracting.
11	Tamarindus indica	Tamarind	02	Fruit tree & bird attracting
12	Phyllanthus emblica	Amla	02	Phyllanthus Emblica. Amla (also known as Indian Gooseberry) is an important medicinal plant in ayurveda. It is known for its antioxidant, immunomodulatory, rejuvenating and anti-aging properties. These properties are found in its fruit pulp.
13	Ficus carica	Anjeer	04	Fruit tree & bird attracting
14	Mangifera indica	Mango tree	03	Evergreen & bird attracting tree
15	Citrus	Lemon	02	Fruit tree & medicinal plant
16	Psidium guajava	Guava	02	Fruit tree & bird attracting
17	Manilkara Zapota	Chikoo	04	Tropical fruit tree & bird attracting tree
18	Wodyetia bifurcata	Foxtail palm	22	Nitrogen fixer, ornamental plant
19	Peltophorum	Copperpod, yellow-flamboyant, yellow flametree, yellow poinciana or yellow-flame	02	Ornamental & flowering plant
20	Plumeria alba	White frangipani or nosegay	03	Ornamental & flowering plant
21	Plumeria singapore pink	White frangipani or nosegay	03	Ornamental & flowering plant

45.Total quantity of plants on ground

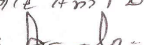
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 18 of 72

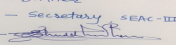
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Name	C/C Distance	Area m2
1	Tecoma Gaudichaudi	-	5.95
2	White & Pink	-	11.74
3	Alternathra	-	4.51
4	Bougainvillea Pink	-	7.29
5	Mahatma Cordyline	-	12.32
6	Oleander Single pink	-	9.59
7	Spidetr Lily	-	14.55
8	Ixora Red	-	29.99
9	Pendanus	-	15.38
10	Ficus Panda	-	7.48
11	Ixora Miniature	-	25.75
12	Black Bamboo	-	21.98
13	Golden Bottle Brush	-	40.13
14	Tagar Variegated	-	23.55
15	Spider lily golden	-	13.42
16	Hibiscus Orange	-	40.13
17	Plueria Pudica	-	14.65
18	Giant Spider Lily leaves	-	4.35
19	Acalypha Holland Red	-	9.99
20	Ixora Yellow	-	14.36

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	82.5 KVA - 1no.
	During Operation phase (Connected load):	810 KW
	During Operation phase (Demand load):	729 KVA
	Transformer:	630 KVA - 2 nos.
	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

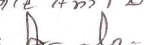
48. Energy saving by non-conventional method:

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 19 of 72

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

- 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	Lobby & staircase	7.36 KW
2	Parking, Meter room, Pump room etc.	0.64 KW
3	External Lighting Street Light	0.69 KW
4	Above Podium landscape Lighting	0.94 KW
5	Lifts with V3F drive and Regenrative type	64.00 KW
6	Club House and other Mise AC Load with VRF	13.65 KW
7	Use of Capacitors for Pumping machinery	66.32 KW
8	STP	15.00 KW

50.Details of pollution control Systems

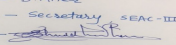
Source	Existing pollution control system	Proposed to be installed
Air	We have planted 207nos. of trees on site	-
Water	STP is nstalled & excess treated water is used for flushing & gardening	-
Noise	Acoustically enclosed DG set is installed.	Noise monitoring will be done in once a fortnight.
Solid Waste	Wet waste is treated in Existing OWC & Dry waste is handed over to Authorized Vendor.	For Proposed development,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. 56.06 Lakh
	O & M cost:	Rs. 1.90 Lakh/year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

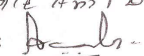
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year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

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 20 of 72

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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 (110.00 m3/day)	Sewage Treatment Plant	Rs. 34.85 Lakh	Rs. 2.82 Lakh/Year
2	RWH	Rainwater Harvesting	Rs. 2.50 Lakh	Rs. 0.60 Lakh/Year
3	OWC (150 kg/day) - 1 no.(Existing)	Organic Waste Converter	Rs. 6.75 Lakh	Rs.1.49 Lakh/Year
4	OWC (150 kg/day) - 2 no.(Proposed)	Organic Waste Converter	Rs. 6.75 Lakh	Rs.1.49 Lakh/Year
5	Solar System	Solar System	Rs. 56.06 Lakh	Rs. 1.90 Lakh/Year
6	Swimming Pool	Swimming Pool	Rs. 55.00 Lakh	Rs. 7.00 Lakh/Year
7	Landscaping	Landscaping	Rs. 13.94 Lakh	Rs. 0.40 Lakh/Year
8	Safety Equipment	Safety Equipment	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
9	Post EC Monitoring	Post EC Monitoring	-	Rs. 2.50 Lakh/Year
10	Dry Waste Management	Dry Waste Management	-	Rs. 0.10 Lakh/Year

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

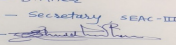
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

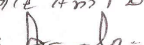
Nos. of the junction to the main road & design of confluence:	-
--	---

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 21 of 72

Name: K. Anil Kale
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 no. & Area of Podium - 1507.66 m ²
	Total Parking area:	7596.20 m ²
	Area per car:	39.56 m ²
	Area per car:	39.56 m ²
	Number of 2-Wheelers as approved by competent authority:	403
	Number of 4-Wheelers as approved by competent authority:	192
	Public Transport:	NA
	Width of all Internal roads (m):	6 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	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

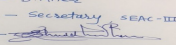
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

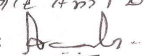
Environment Clearance for Construction Project Regency Classic at Sr. No. 54/4, Baner by **M/s Classic Builders.**

PP remains absent.

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

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 22
of 72

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

DECISION OF SEAC

PP remains absent.

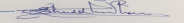
SEAC decided to defer the proposal.

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

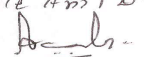
SEAC-AGENDA-00000000094

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 23
of 72**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 66 th Meeting of SEAC-3

SEAC Meeting number: 66 Meeting Date June 13, 2018

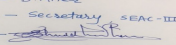
Subject: Environment Clearance for for project by M/s Somani Realty

Is a Violation Case: No

1.Name of Project	"Somani Towers"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nitin Prabhudas Somani
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. 25/4/1+2+3, Punawale, Tehsil-Mulshi, Pune.
9.Taluka	Mulshi
10.Village	Punawale
Correspondence Name:	Mr. Nitin Prabhudas Somani
Room Number:	-
Floor:	-
Building Name:	S.No. 25.
Road/Street Name:	Near Lotus Business school.
Locality:	Pune-Mumbai Highway, Punawale.
City:	Pune-33
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied -2033.31 m2
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 56434.10
13.Note on the initiated work (If applicable)	1003.74 m2 Parking slab of Wing D
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable
15.Total Plot Area (sq. m.)	11700.00 m2
16.Deductions	1559.03 m2
17.Net Plot area	10140.97 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 25197.44 m2
	b) Non FSI area (sq. m.): 31236.66 m2
	c) Total BUA area (sq. m.): 56434.10
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)	2267.65 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.37 % of Total Plot Area(11700.00 m2) 22.36 % of Net Plot Area (10140.97 m2)
21.Estimated cost of the project	1034000000

22.Number of buildings & its configuration

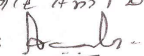
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

S.D.Aher (Secretary SEAC-III)

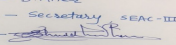
SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 24
of 72**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

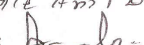
1	Wing -A	P+G+UG+13	47.35	
2	Wing -B	3P+14	50.30	
3	Wing -C	3P+17	59.15	
4	Wing -D	3P+18	62.10	
23.Number of tenants and shops	Total Tenements: 537 Nos. Shops-15 Nos. Office-9 No.			
24.Number of expected residents / users	Total Residential Users: - 2685 Nos. Total Commercial Users: 218 Nos. Total Users :- 2903 Nos.			
25.Tenant density per hectare	459/H			
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 wide DP road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0 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				

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

S.D.Aher (Secretary SEAC-III)

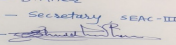
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 25 of 72

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

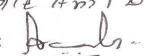
Dry season:	Source of water	PCMC							
	Fresh water (CMD):	381.32 m3/day (One Time)							
	Recycled water - Flushing (CMD):	125.19 m3/day							
	Recycled water - Gardening (CMD):	9.03 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	247.10 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	200.84 m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	372.29 m3/day (One Time)							
	Recycled water - Flushing (CMD):	125.19 m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	247.10 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	209.87 m3/day							
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

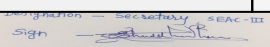

Name - S.D.Aher
 Designation - Secretary SEAC-III
 Sign - 

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 26 of 72

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 19.00 m. to 23.25 m. BGL. (i.e. Around 21.13 m. BGL) Rainy Season - 8.00 m. to 13.75 m. BGL. (i.e. Around 10.88 m. BGL) Winter Season - 13.50 m. to 18.50 m. BGL. (i.e. Around 16.00 m. BGL)	
	Size and no of RWH tank(s) and Quantity:	NA	
	Location of the RWH tank(s):	NA	
	Quantity of recharge pits:	06 No's.	
	Size of recharge pits :	2.0 m. X 2.0 m. X 1.5 m. Depth with 6" Dia. 60m. Deep bore well via 2 No. of 0.9 m. Dia. 1.0 m. Deep. De-siltation pits with RWH Filter and O&G trap.	
	Budgetary allocation (Capital cost) :	Rs. 7.50 Lakh.	
	Budgetary allocation (O & M cost) :	Rs. 0.30 Lakh/Year.	
	Details of UGT tanks if any :	Residential & Commercial: Domestic UG tank Capacity : 365.24 m3 Flushing UG tank Capacity:181.57 m3 Fire UG tank Capacity : 200 m3	
35.Storm water drainage	Natural water drainage pattern:	-	
	Quantity of storm water:	110.04 m3/day	
	Size of SWD:	450 mm & 900 mm	
Sewage and Waste water	Sewage generation in KLD:	335.06 m3/day	
	STP technology:	MBBR	
	Capacity of STP (CMD):	340 m3/day	
	Location & area of the STP:	162.80 m2	
	Budgetary allocation (Capital cost):	25.00 Lakh	
	Budgetary allocation (O & M cost):	12.10 Lakh/Year	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	100 kg/day	
	Disposal of the construction waste debris:	Use for Leveling	
Waste generation in the operation Phase:	Dry waste:	570 kg/day	
	Wet waste:	827 kg/day	
	Hazardous waste:	NA	
	Biomedical waste (If applicable):	NA	
	STP Sludge (Dry sludge):	30.15 kg/day	
	Others if any:	NA	
 S.D.Aher (Secretary SEAC-III)	SEAC Meeting No: 66 Meeting Date: June 13, 2018	Page 27 of 72	Signature:  Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	SWaCH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after Treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	64.00 m2 including machinery area
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25.75 Lakh
	O & M cost:	5.41 Lakh/Year

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

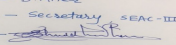
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	200 KVA - 1 No	HSD-38.30 Lit./hr	S-1	6.8	will be provided	will be provided
2	25 KVA - 1 No	HSD- 6.4 Lit./hr	S-2	4.5	will be provided	will be provided

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	44.7 Lit./hr	44.7 Lit./hr

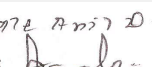

41. Source of Fuel: Bharat Petroleum Corporation Ltd/ Hindustan Petroleum

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 28 of 72

Name: 
Signature: 

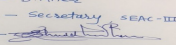
Shri. Anil Kale (Chairman SEAC-III)

42.Mode of Transportation of fuel to site	By Roadways
---	-------------

43.Green Belt Development	Total RG area :	1127.07 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	184 Nos
	List of proposed native trees :	-
	Timeline for completion of plantation :	Mid of Construction

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

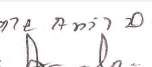

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebek	Shirish	04	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
2	Cordia dichotoma	Bhokar	04	Every part of the plant is Medicinal, Drought tolerant species.
3	Bauhinia blackiana	Kanchanraj	08	Every part of the plant is Medicinal, Drought tolerant species.
4	Ficus glomerata	Umber	08	Medicinal value, Edible fruits, Bird attracting species
5	Butea monosperma	Palas	04	Medicinal value, Bird attracting species, To control soil erosion.
6	Syzygium cumini	Jamun	08	Medicinal value, Edible fruit.
7	Anthocephalus kadamba	Kadamb	08	Medicinal value, To control soil erosion, Birds, squirrels, monkey eats fruits.
8	Azardirachta indica	Neem	16	Medicinal value, To control soil erosion, To improve soil erosion
9	Dalbergia sissoo	Shisav	12	Medicinal value, Bird attracting species.
10	Ficus arnottiana	Payar	04	Drought tolerant species, Bird attracting species. To control soil erosion.
11	Bauhinia purpurea	Gulabikanchan	08	Every part of the plant is medicinal, Drought tolerant species
12	Ficus retusa	Nandruk	04	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
13	Pongamia pinnata	Karanj	04	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
14	Mangifera indica	Mango	06	Edible fruit, Bird attracting species.

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 29 of 72

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

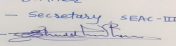
15	Michelia champaca	Sonchafa	08	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
16	Phyllanthus emblica	Awla	04	Medicinal value, To control soil erosion.
17	Cassia fistula	Bahawa	06	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
18	Saraca indica	Sita-ashok	04	Medicinal value, Drought tolerant species.
19	Bahunia racemosa	Apta	09	Every part of the plant is medicinal, Drought tolerant species.
20	Murraya koengii	Kadipatta	08	Medicinal value, Edible leaves.
21	Aegle marmelos	Bel	08	Medicinal value, Drought tolerant species.
22	Putrnjiva roxburghii	Putrnjiva	11	Medicinal value, Drought tolerant species,
23	Gmelina arborea	Shivan	08	Medicinal value, Drought tolerant species, Bird attracting species.
24	Mimosups elengii	Bakul	04	Fragrant flowers, Medicinal value, To control soil erosion.
25	Nyctanthus arbortristis	Parijatak	08	Fragrant flowers, Medicinal value.
26	Erythrina indica	Pangara	08	Fragrant flowers, Drought tolerant species, Birds attracting

45.Total quantity of plants on ground

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

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

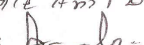
47.Energy

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 30 of 72

Name: K. Anil Kale
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-1 No.
	During Operation phase (Connected load):	2124.9 KW
	During Operation phase (Demand load):	1888.9 KVA.
	Transformer:	22 KV / 630 KVA - 2 Nos.
	DG set as Power back-up during operation phase:	200 KVA - 1 No, For Residential Building & 25 KVA - 1 No For Commercial Building
	Fuel used:	For 200 KVA - 38.3 Liters / Hr for 100 % Load & For 25 KVA - 6.4 Liters / Hr for 100 % Load
	Details of high tension line passing through the plot if any:	NA

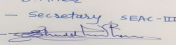
48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	91.94 KWH/Day
2	Bollard Lighter - Light Fitting For Landscape Area.	0.39 KWH/Day
3	Recesses Wall Light. - Light Fitting For Landscape Area.	0.76 KWH/Day
4	Planter Of Lighter - Light Fitting For Landscape Area.	0.79 KWH/Day
5	Solar Street Light Fitting - Pole Light On Road Side.	3.0 KWH/Day
6	Street Light on the Bldg.	3.6 KWH/Day
7	Energy Saving by Solar Hot Water System.	2013.75 KWH/Day

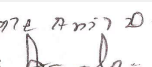

50. Details of pollution control Systems

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 31
of 72**

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWaCH
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 76.50 Lacks
	O & M cost:	Rs 1.53 Lacks / 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	Sewage Treatment Plant	25.00 Lakh	12.10 Lakh/Year
2	RWH	Rain Water Harvesting	7.50 Lakh	0.30 Lakh/Year
3	MSW	Municiple Solid Waste	25.75 Lakh	5.41Lakh/Year
4	Solar System	-	76.50 Lakh	1.53 Lakh/Year
5	Landscaping	-	20.00 Lakh	3.18 Lakh/Year
6	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
7	Post EC Monitoring	-	-	2.50 Lakh/Year
8	Dry Waste management	-	-	3.22 Lakh/Year

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

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 66 Meeting Date: June 13, 2018</p>	<p>Page 32 of 72</p>	<p>Name: K. Anil Kale Signature: </p> <p>Shri. Anil Kale (Chairman SEAC-III)</p>
--	---	-----------------------------	--

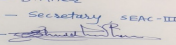
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

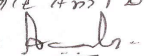
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	-
	Total Parking area:	13832.40 m ²
	Area per car:	45.35 m ²
	Area per car:	45.35 m ²
	Number of 2-Wheelers as approved by competent authority:	1136
	Number of 4-Wheelers as approved by competent authority:	305
	Public Transport:	-
	Width of all Internal roads (m):	6.0 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	-

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 33 of 72

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

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Residential & Commercial project at S. No.25/4/1+2+3, Punawale, Tehsil-Mulshi, Pune. By **M/s Somani Realty.**

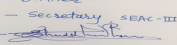
PP submitted their application for Prior Environmental clearance for total plot area of 11700 Sq. Mtrs, BUA of 56434.10 Sq. Mtrs and FSI area of 25197.44 Sq. Mtrs. PP proposes to construct 4 no. residential building (wings).

During meeting PP stated that they have started construction at site at present PP construct 6330.22 sq.mtr.

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

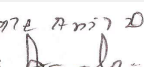

DECISION OF SEAC

SEAC-AGENDA-200000004

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

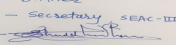
Page 34 of 72

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:

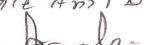
- 1) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 2) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 3) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA 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.

FINAL RECOMMENDATION

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

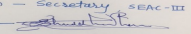
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 35 of 72

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

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.

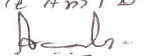
SEAC-AGENDA-00000000094

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 36 of 72

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 66 th Meeting of SEAC-3

SEAC Meeting number: 66 Meeting Date June 13, 2018

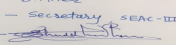
Subject: Environment Clearance for Project by M/s Global properties

Is a Violation Case: No

1.Name of Project	Global Serenity
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shrikant Gulabrao Matere
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	Gat No.123(P)
9.Taluka	Haveli
10.Village	Moshi
Correspondence Name:	Mr. Shrikant Gulabrao Matere
Room Number:	-
Floor:	-
Building Name:	Gulab Pushpa
Road/Street Name:	Sector no.27
Locality:	Pradhikaran,Nigdi
City:	Pune- 411044
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 30940.77
13.Note on the initiated work (If applicable)	19140.32 m2 (Bldg. A - P + 12,Bldg. B - P + 11, Bldg. C - P + 11,Club House , STP,UGT, Transformer Completed)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10000.00 m2
16.Deductions	480.00 m2
17.Net Plot area	8543.13 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15875.42 m2
	b) Non FSI area (sq. m.): 15065.35 m2
	c) Total BUA area (sq. m.): 30940.77
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)	2724.50 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	27.24 % of Total plot area (10000.00 m2) & 31.89 % of Net plot area (8543.13 m2)
21.Estimated cost of the project	631500000

22.Number of buildings & its configuration

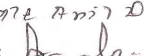
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 37
of 72**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

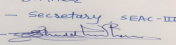
1	A	P + 12	38.85
2	B	P + 11	35.85
3	C	P + 11	35.85
4	D (Residential + Commercial)	P + 11	35.90
5	Commercial Building	G + 03	13.80

23.Number of tenants and shops	Total No. of Tenements - 217 Nos. Showroom: - 03 Nos. Shops & Offices: - 5 Shops & 12 Offices.
24.Number of expected residents / users	Residential Users: 1085 nos., Showroom Users: 50 nos., Shops & Offices Users: 71nos., Total Population: 1206 nos.
25.Tenant density per hectare	217
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 DP 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

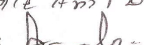
32.Total Water Requirement

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

S.D.Aher (Secretary SEAC-III)

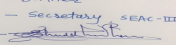
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 38 of 72

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

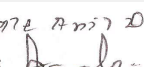

Dry season:	Source of water	PCMC							
	Fresh water (CMD):	168.41 m3/day (One time)							
	Recycled water - Flushing (CMD):	51.84 m3/day							
	Recycled water - Gardening (CMD):	11.50 m3/day							
	Swimming pool make up (Cum):	Not Applicable							
	Total Water Requirement (CMD) :	105.07 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	77.86 m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	156.91 m3/day (One Time)							
	Recycled water - Flushing (CMD):	51.84 m3/day							
	Recycled water - Gardening (CMD):	0.00 m3/day							
	Swimming pool make up (Cum):	Not Applicable							
	Total Water Requirement (CMD) :	105.07 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	89.36 m3/day							
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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

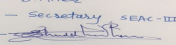
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 39 of 72

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

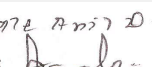

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	9.30 m BGL (Present Level) • Pre-Monsoon - 11.30 m BGL , •Post - Monsoon - 5.30 m BGL
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	4 Nos.
	Size of recharge pits :	2.5 M x 1M x 1 M
	Budgetary allocation (Capital cost) :	Rs. 1.67 Lakh
	Budgetary allocation (O & M cost) :	Rs.0.20 Lakh/year
	Details of UGT tanks if any :	Domestic UG tank Capacity: 158.00 m3 Flushing UG tank Capacity: 96.00 m3 Fire UG tank Capacity: 200.00 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	329.47 m3 /hr.
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	141.2 m3/day
	STP technology:	SMBR
	Capacity of STP (CMD):	1 No. & Capacity - 145 m3/day
	Location & area of the STP:	Area = 94.5 m2
	Budgetary allocation (Capital cost):	Rs. 12.25 Lakh
	Budgetary allocation (O & M cost):	Rs. 5.80 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:	201.97 kg/day
	Wet waste:	315.27 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	12.70 kg/day
	Others if any:	Not applicable

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 40 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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:	47 m ²
	Area for machinery:	Included in other Area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 12.96 Lakh
	O & M cost:	Rs. 3.83 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

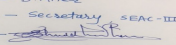
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set - 125 KVA - 1 No (Existing)	HSD - 22.7 Lits / Hr.	S - 1	6.5 m	As per Norms	-
2	DG set - 25 KVA - 1 No (Proposed)	HSD - 5.0 Lits / Hr.	S - 2	4.5 m	As per Norms	-

40. Details of Fuel to be used

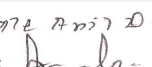

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	22.7 Lits / Hr.	-	22.7 Lits / Hr.
2	HSD	-	5.0 Lits / Hr.	5.0 Lits / Hr.

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

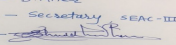
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 41 of 72

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

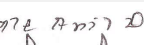

41.Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42.Mode of Transportation of fuel to site		By roadway		
43.Green Belt Development	Total RG area :	1084.27 m2		
	No of trees to be cut :	-		
	Number of trees to be planted :	220 nos.		
	List of proposed native trees :	-		
	Timeline for completion of plantation :	Mid of Construction		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus excelsa	Maharukh	08	Medicinal value, Drought tolerant species.
2	Albizia lebek	Shirish	08	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
3	Choclospermum religiosum	Sonsawar	08	Medicinal value, Native species
4	Cordia dichotoma	Bhokar	08	Medicinal value, Edible fruits,
5	Bauhinia blackiana	Kanchanraj	08	Every part of the plant is medicinal, Drought tolerant species.
6	Ficus glomerata	Umber	08	Medicinal value, Edible fruits, Bird attracting species
7	Butea monosperma	Palas	08	Medicinal value, Bird attracting species, To control soil erosion.
8	Syzygium cumini	Jamun	12	Medicinal value, Edible fruit.
9	Anthocephalus kadamba	Kadamb	08	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits
10	Azardirachta indica	Neem	10	Medicinal value, To control soil erosion. To improve soil erosion
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	Bauhinia purpurea	Gulabi kanchan	08	Every part of the plant is medicinal, Drought tolerant species.
14	Ficus retusa	Nandruk	08	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
15	Pongamia pinnata	Karanj	08	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 42 of 72

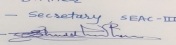
Name: 
 Signature: 
Shri. Anil Kale (Chairman SEAC-III)

16	Mangifera indica	Mango	08	Edible fruit, Bird attracting species.
17	Michelia champaca	Sonchafa	08	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Phyllanthus emblica	Awala	08	Medicinal value, To control soil erosion.
19	Cassia fistula	Bahawa	08	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
20	Saraca indica	Sita-ashok	08	Medicinal value, Drought tolerant species,
21	Azadirachta indica	Neem	06	Medicinal value. To control soil erosion. To improve soil erosion
22	Bahunia racemosa	Apta	04	Every part of the plant is medicinal, Drought tolerant species.
23	Murrayakoengii	Kadipatta	04	Medicinal value, Edible leaves.
24	Aeglemarmelos	Bel	04	Medicinal value, Drought tolerant species.
25	Putrnjivaroxburghii	Putrnjiva	04	Medicinal value, Drought tolerant species
26	Roystoniaregia	Bottle palm	04	Ornamental plant, Medicinal value, Birds & bats eat fruits.
27	Gmelinaarborea	Shivan	04	Medicinal value, Drought tolerant species, Bird attracting species.
28	Mimosupselengii	Bakul	04	Fragrant flowers, Medicinal value, To control soil erosion.
29	Caryotaurens	Fishtail palm	04	Grown in any type of soil. Very Hardy.
30	Citrus species	Lemon	04	Medicinal value, Edible fruit
31	Nyctanthusarbortristis	Parijatak	04	Fragrant flowers, Medicinal value
32	Dalbergiasissoo	Shisav	04	Medicinal value, Bird attracting species
33	Erythrina indica	Pangara	04	Fragrant flowers, Drought tolerant species, Birds attracting
45.Total quantity of plants on ground				

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

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

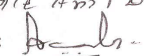
47.Energy

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 43 of 72

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	118 KVA
	DG set as Power back-up during construction phase	40 KVA - 1 No.
	During Operation phase (Connected load):	1018 KW
	During Operation phase (Demand load):	904.88 KVA
	Transformer:	22 KV/630 KVA - 2 Nos.
	DG set as Power back-up during operation phase:	125 KVA - 1 No & 25 KVA - 1 No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

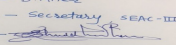
- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches 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 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.	11661.75 KWH/Annum
2	Up Lighter - Light Fitting For Landscape Area.	350.4 KWH/Annum
3	Bollard Lighter - Light Fitting For Landscape Area.	255.5 KWH/Annum
4	Solar Street Light Fitting - Pole Light On Road Side.	2190 KWH/Annum
5	Street Light on the Bldg.	1314 KWH/Annum
6	Energy Saving by Solar Hot Water System.	244125 KWH/Annum

50. Details of pollution control Systems

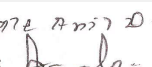

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	STP is installed & excess treated water used for flushing & gardening	-
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 44 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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. 29.70 Lakh
	O & M cost:	Rs. 0.83 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):

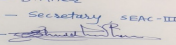
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	Rs.12.25 Lakh	Rs.5.80 Lakh/Year
2	RWH	-	Rs.1.67 Lakh	Rs. 0.20 Lakh/Year
3	MSW	-	Rs. 12.96 Lakh	Rs.3.83 Lakh/Year
4	Solar System	-	Rs. 29.70 Lakh	Rs.0.83 Lakh/Year
5	Landscaping	-	Rs. 18.00 Lakh	Rs.2.90 Lakh/Year
6	Safety Equipment	-	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
7	Post EC Monitoring	-	-	Rs. 2.50 Lakh/Year
8	Dry Waste Management	-	-	Rs.1.30 Lakh/Year

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

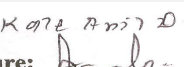

No Information Available

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 45 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

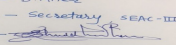
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	-
	Total Parking area:	5826.00 m ²
	Area per car:	46.60 m ²
	Area per car:	46.60 m ²
	Number of 2-Wheelers as approved by competent authority:	482
	Number of 4-Wheelers as approved by competent authority:	125
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 m & 7.5 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	No
	Other Relevant Informations	-
	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.

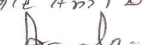
Brief information of the project by SEAC

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 46
of 72

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

Environment Clearance for Residential & Commercial Project at Gat No.123(P) Moshi , Tal-Haveli by **M/s Global properties.**

PP remains absent.

DECISION OF SEAC

PP remains absent.

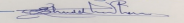
SEAC decided to defer the proposal.

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

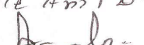
SEAC-AGENDA-0000000094

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 47
of 72**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 66 th Meeting of SEAC-3

SEAC Meeting number: 66 Meeting Date June 13, 2018

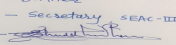
Subject: Environment Clearance for Project by M/s S.O.L Developers

Is a Violation Case: No

1.Name of Project	The Address
2.Type of institution	Private
3.Name of Project Proponent	Mr. Mukesh P. Patel
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	Gat No. 519/520,
9.Taluka	Haveli
10.Village	Moshi
Correspondence Name:	Mr. Mukesh P. Patel
Room Number:	Gat No. 519/520,
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Moshi, Tal. Haveli
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applicable
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 100199.24
13.Note on the initiated work (If applicable)	22608.19 m ² (FSI : 11911.44 m ² + Non-FSI : 10696.75 m ²)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable (MHADA Area : 5495.85 m ²)
15.Total Plot Area (sq. m.)	39381.05 m ²
16.Deductions	3615.09 m ²
17.Net Plot area	35765.96 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 53190.74
	b) Non FSI area (sq. m.): 47008.50
	c) Total BUA area (sq. m.): 100199.24
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)	7690.65
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.52 % of total plot area (39381.05 m ²) , 21.50 % of net plot area (35765.96 m ²)
21.Estimated cost of the project	2650000000

22.Number of buildings & its configuration

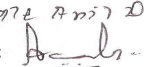
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 48
of 72**

Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

1	Building - A	P +12	38.85
2	Building - B	2P +12	41.70
3	Building - C	P +12	38.85
4	Building - D	P +12	38.85
5	Building - E	P +12	38.85
6	Building - F	P +12	39.00
7	Building - G	P +12	39.00
8	Building - H	P +12	38.85
9	Building - I	P +12	39.00
10	Building - J	P +11	36.00
11	Building - K	P +12	39.00
12	Amenity Building	G + 06	21.00

23.Number of tenants and shops	No. of Tenements: 993 Nos. Offices: 18 Nos. Gym: 01 No. Multipurpose hall: 01No. Restaurant: 01No.
24.Number of expected residents / users	Residential Users: 4965 Nos. Amenity Users: 337 Nos. Total Users: 5302 Nos.
25.Tenant density per hectare	252.15 /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 & 60 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

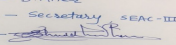
31.Production Details

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign -  S.D.Aher (Secretary SEAC-III)	SEAC Meeting No: 66 Meeting Date: June 13, 2018	Page 49 of 72	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
---	--	------------------	--

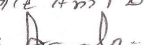
Dry season:	Source of water	Pimpri-Chinchwad Municipal Corporation							
	Fresh water (CMD):	721.93 m3/day(One time)							
	Recycled water - Flushing (CMD):	231.86 m3/day							
	Recycled water - Gardening (CMD):	21.49 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	468.59 m3/day							
	Fire fighting - Underground water tank(CMD):	550.00 m3							
	Fire fighting - Overhead water tank(CMD):	240 m3							
	Excess treated water	377.06 m3/day							
Wet season:	Source of water	Pimpri-Chinchwad Municipal Corporation							
	Fresh water (CMD):	700.45 m3/day (One time)							
	Recycled water - Flushing (CMD):	231.86 m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	468.59 m3/day							
	Fire fighting - Underground water tank(CMD):	550.00 m3							
	Fire fighting - Overhead water tank(CMD):	240 m3							
	Excess treated water	398.54 m3/day							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

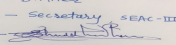
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 50 of 72

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

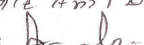
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5.00 m to 17.00 m Below ground level.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	18 Nos.
	Size of recharge pits :	1.50 m x 1.50 m x 1.50 m
	Budgetary allocation (Capital cost) :	Rs.7.20 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.50 Lakh/year
	Details of UGT tanks if any :	Residential & Commercial: Domestic water tank Capacity : 753.89 m ³ Flushing water tank Capacity : 380.01 m ³ Fire water tank Capacity : 550.00 m ³
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	1392.48 m ³ /Hr
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	630.40 m ³ /day
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1 - 640 m ³ /day
	Location & area of the STP:	351.65 m ²
	Budgetary allocation (Capital cost):	Rs. 90.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 14.61 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	75 kg/day
	Disposal of the construction waste debris:	Use for Levelling.
Waste generation in the operation Phase:	Dry waste:	1044 kg/day
	Wet waste:	1523 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	56.74 kg/day
	Others if any:	-

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 51
of 72**

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

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:	80.00 m ²
	Area for machinery:	Included in other material area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 37.75 Lakh
	O & M cost:	Rs. 9.50 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

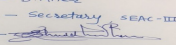
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set - 180 KVA	HSD - 350 lit/hr.	S - 1	6.68	As per norms	-

40. Details of Fuel to be used

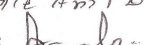
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	350 lit/hr	350 lit/hr
41. Source of Fuel		Bharat Petroleum Corporation Limited or Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By Roadway		

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

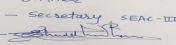
Page 52 of 72

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

43.Green Belt Development	Total RG area :	3582.66 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	492 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

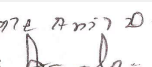

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azardirachta indica	Neem	16	Medicinal value, To control soil erosion. To improve soil erosion
2	Bahunia racemosa	Apta	20	Every part of the plant is medicinal, Drought tolerant species.
3	Dalbergia sissoo	Shisav	20	Medicinal value, Bird attracting species ,
4	Erythrina indica	Pangara	20	Fragrant flowers, Drought tolerant species, Birds attracting
5	Gmelina arborea	Shivan	20	Medicinal value, Drought tolerant species, Bird attracting species.
6	Murraya exotica	Kamini	19	Native species, Fragrant flowers,
7	Aegle marmelos	Bel	20	Medicinal value, Drought tolerant species,
8	Nyctanthus arbortristis	Parijatak	24	Fragrant flowers, Medicinal value,
9	Putrnjiva roxburghii	Putrnjiva	28	Medicinal value, Drought tolerant species,
10	Melia Azaradichta	Bakam neem	16	Medicinal value, Native species Bird attracting species.
11	Schleichera oleosa	Kusum	25	Native species, Fragrant flowers.
12	Albizialebek	Shirish	17	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
13	Cordiadichotoma	Bhokar	13	Medicinal value, Edible fruits,
14	Bauhiniablackiana	Kanchanraj	16	Every part of the plant is medicinal, Drought tolerant species.
15	Ficusglomerata	Umber	08	Medicinal value, Edible fruits, Bird attracting species
16	Buteamonosperma	Palas	12	Medicinal value, Bird attracting species , To control soil erosion.
17	Syzygiumcumini	Jamun	12	Medicinal value, Edible fruit.
18	Anthocephaluskadamba	Kadamb	20	Medicinal value, To control soil erosion,Birds, squirrels, monkey eat fruits.
19	Azardirachtaindica	Neem	16	Medicinal value, To control soil erosion.To improve soil erosion

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

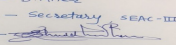
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 53 of 72

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

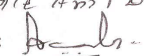
20	Dalbergiasissoo	Shisav	29	Medicinal value, Bird attracting species
21	Ficusarnottiana	Payar	12	Drought tolerant species, Bird attracting species. To control soil erosion.
22	Bauhiniapurpurea	Gulabikanchan	12	Every part of the plant is medicinal, Drought tolerant species
23	Ficusretusa	Nandruk	08	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant
24	Pongamiapinnata	Karanj	08	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
25	Mangiferaindica	Mango	08	Edible fruit, Bird attracting species.
26	Micheliachampaca	Sonchafa	09	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
27	Ailanthus excelsa	Maharukh	16	Medicinal value, To control soil erosion
28	Cassiafistula	Bahawa	12	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
29	Saracaindica	Sita-ashok	12	Medicinal value, Drought tolerant species,
30	Cochlospermumreligiosum	Sonsawar	12	Medicinal value, Native species
31	Elaeocarpussphaericus	Rudraksha	12	Medicinal value, Native species
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	-	-	-	
47.Energy				

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 54 of 72

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

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):	4803.33 KVA
	During Operation phase (Demand load):	3842.66 KVA
	Transformer:	04 Nos.x 22KV/ 630 KVA (Load 1.5 & 2.5DF For Transformer Selection In 2335.55KVA)
	DG set as Power back-up during operation phase:	02 Nos. x 180 KVA
	Fuel used:	HSD - 350 lit/hr.
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

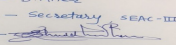
Solar water heating systems will be done for bathrooms.
 Solar lights will be provided for common amenities like Street lighting & Garden lighting.
 CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
 Auto Timer switches 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	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	38391.45 KWH
2	Planter Of Lighter - Light Fitting For Landscape Area.	3285 KWH
3	Bollard Lighter - Light Fitting For Landscape Area.	4599 KWH
4	Recesses or Up Wall Light For Landscape Area.	4599 KWH
5	Solar Street Light Fitting - Pole Light On Road Side.	7008 KWH
6	Street Light on the Bldg.	7884 KWH
7	Energy Saving by Solar Hot Water System	1117125 KWH

50. Details of pollution control Systems

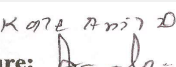

Source	Existing pollution control system	Proposed to be installed
Air	Barricating the site	Green belt will be Provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 55 of 72

Name: 
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 148.90 Lakh
	O & M cost:	Rs. 2.98 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	Capacity - 640 KLD	90.00	14.61
2	RWH	-	7.20	1.50
3	MSW	-	37.75	9.50
4	Solar System	-	148.90	2.98
5	Landscaping	-	26.00	12.00
6	Safety Equipments	-	10.00	2.00
7	Post EC Monitoring	-	-	2.50
8	Dry Waste management	-	-	5.95

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign - 	SEAC Meeting No: 66 Meeting Date: June 13, 2018	Page 56 of 72	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
---	--	----------------------	--

No Information Available

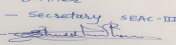
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	-
	Total Parking area:	24100.20 m2
	Area per car:	44.71
	Area per car:	44.71
	Number of 2-Wheelers as approved by competent authority:	2112
	Number of 4-Wheelers as approved by competent authority:	539
	Public Transport:	-
	Width of all Internal roads (m):	6 .00 m & 12.00 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	NA
	Other Relevant Informations	-
	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.

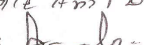
Brief information of the project by SEAC

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 57
of 72**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Project by M/s S.O.L Developers at Gat No. 519/520, Moshi , Tal-Haveli by **Mr. Mukesh P. Patel.**

PP submitted their application for Expansion of Environmental clearance for total plot area of 39381.05Sq. Mtrs, BUA of 100199.24Sq. Mtrs and FSI area of 53190.74Sq. Mtrs. PP proposes to construct 4 no. residential building.

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

DECISION OF SEAC

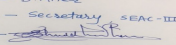
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC.
- 2) PP to submit swatch NOC.
- 3) PP to submit undertaking for sustainable water supply.
- 4) PP to submit fire tender movement plan.
- 5) PP to submit parking layout plan for two level parking.
- 6) PP to provide ramp width & slope as per DC Rules and also submit cross section of all building.
- 7) PP to submit specific NOC from concern authority to lay the sewer line below Nalha up to final disposal point.
- 8) PP to submit compliance report of earlier EC & six monthly report.
- 9) PP to submit phase wise programme considering wind rose diagram.
- 10) PP to relocate UGT tank.
- 11) PP to submit details of CSR activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018 if applicable.
- 12) PP to submit an undertaking that MHADA will have right in RG.

FINAL RECOMMENDATION

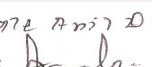

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 58
of 72**

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

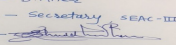
Agenda for 66 th Meeting of SEAC-3

SEAC Meeting number: 66 Meeting Date June 13, 2018

Subject: Environment Clearance for PHASE 1 - SAFFRON TRANQUIL LANDSCAPES, PHASE 2 - SAFFRON LANDSCAPES PHASE 3 - SAFFRON LANDMARKS

Is a Violation Case: No

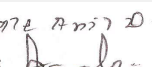

1.Name of Project	PHASE 1 - SAFFRON TRANQUIL LANDSCAPES, PHASE 2 - SAFFRON LANDSCAPES PHASE 3 - SAFFRON LANDMARKS
2.Type of institution	Private
3.Name of Project Proponent	M/s Saffron Associates
4.Name of Consultant	M/s. Building Environment (India) Pvt. Ltd
5.Type of project	Group Housing with Commercial (Mix Use)
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	Gut No. 57/P, Beed Bypass, Satara, Aurangabad 431010
9.Taluka	Aurangabad
10.Village	Satara
Correspondence Name:	1. Mr. Anil Munot (Mob-9890688888) 2. Mahesh Labhshetwar (Mob-9422206075)
Room Number:	Office No-14,15
Floor:	Lower Level
Building Name:	City Pride
Road/Street Name:	Jalna Road,
Locality:	Mondha Naka
City:	Aurangabad-431001
11.Area of the project	Aurangabad Municipal corporation
12.IOD/IOA/Concession/Plan Approval Number	Approved layout of Town Planning Municipal Corporation Aurangabad received on dated 23.12.2016. IOD/IOA/Concession/Plan Approval Number: 859/2017-18 Approved Built-up Area: 74501.24
13.Note on the initiated work (If applicable)	A land at Gut no. 57, Village Satara, and Beed bypass road admeasuring 3 H 48 R (34800.00 sq. meters) was purchased out right from private individuals as per the sale deed dated 24th January 2011. • N.A. permission was obtained from authority as per the N.A. order no.280 dated 06 - 12 - 2010. • At first 32 bungalows and four apartment buildings were planned under the name of Saffron tranquil Landscapes and a commencement certificate along with an approved plan was obtained from A.M.C. as per the C.C. no. 319 / 2013-14 dated 08 - 08- 2013. • Construction of bungalows was started in 2014 -15 • It was decided to expand the project and a commercial building was added to the existing plan. The name was changed to Saffron Tranquil Landscapes , Saffron Landscapes & Saffron Landmarks • Saffron Tranquil Landscapes with Bungalow part (25 Bungalow, 1 Clubhouse, 1 Hall), Saffron Landmarks with residential part (4 Apartment, 1 Club House) & Saffron Landscapes with commercia
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved layout of Town Planning Municipal Corporation Aurangabad received on dated 23.12.2016.
15.Total Plot Area (sq. m.)	34800.00 m2
16.Deductions	7605.00 m2
17.Net Plot area	27195.00 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 49631.40 m2 b) Non FSI area (sq. m.): 24869.84 m2 c) Total BUA area (sq. m.): 74501.24
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 59
of 72**

Name: 
Signature: 

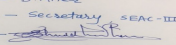
Shri. Anil Kale (Chairman SEAC-III)

19.Total ground coverage (m2)	8914.74
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32.78 %
21.Estimated cost of the project	950000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Phase 1-Saffron Tranquil Landscapes (Bungalows) -B1	G+2	10.85
2	Phase 1-Saffron Tranquil Landscapes (Bungalows) -B2	G+2	10.85
3	Phase 1-Saffron Tranquil Landscapes (Bungalows) -B3	G+2	10.85
4	Phase 1-Saffron Tranquil Landscapes (Bungalows) -B4	G+2	10.85
5	Phase 1-Saffron Tranquil Landscapes (Bungalows) -E1	G+1	7.60
6	Phase 1-Saffron Tranquil Landscapes (Bungalows) -E2	G+1	7.60
7	Phase 1-Saffron Tranquil Landscapes (Bungalows) -Club House - D3	B+G	4.25
8	Phase - 2 (Saffron Landscapes)-A1	P+7	24.00
9	Phase - 2 (Saffron Landscapes)-A2	P+7	24.00
10	Phase - 2 (Saffron Landscapes)-A3	P+7	24.00
11	Phase - 2 (Saffron Landscapes)-A4	P+7	24.00
12	Phase - 2 (Saffron Landscapes)-Club House - D1	G	4.25
13	Phase - 2 (Saffron Landscapes)-Club House - D2	B+G+1	8.05
14	Phase -3 (Saffron Landmarks)-Commercial	3BP+11Floor	36.00
15	Phase -3 (Saffron Landmarks)-Commercial	3BP+11Floor	36.00

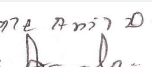

23.Number of tenants and shops	Bungalows - 25 Flats - 112 Showroom - 2 Shop - 150 Commercial Hall - 3 Restaurant - 1 Hotel 7(Each Floor - 01 for Rooms only) Office - 513 Store - 1
24.Number of expected residents / users	Bungalows - 150 Flats - 672 Showroom, Shop, Commercial Hall, Restaurant, Hotel 7(Each Floor - 01 for Rooms only), Office, Store - 3249
25.Tenant density per hectare	299.26
26.Height of the building(s)	

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 60 of 72

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

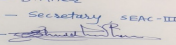
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Minimum 30.00 mt
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 6.00 mt wide internal approaches with proper turning radius provided
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

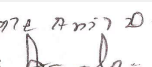

Dry season:	Source of water	Aurangabad Municipal corporation
	Fresh water (CMD):	176.94 m3/day
	Recycled water - Flushing (CMD):	95.22 m3/day
	Recycled water - Gardening (CMD):	18.30 m3/day
	Swimming pool make up (Cum):	Ground Floor Pool Volume - 2.86M3 Water Bodies Volume 0.70M3 Residence Building Top Terrace Pool Volume 0.75M3
	Total Water Requirement (CMD) :	290.466 m3/day
	Fire fighting - Underground water tank(CMD):	Commercial 1,50,000 Lit.
	Fire fighting - Overhead water tank(CMD):	Commercial 25,000 Lit., Residential 25,000 Lit (A1, A2 , A3 and each building)
	Excess treated water	117.924 m3/day

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

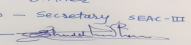
Page 61 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	Aurangabad Municipal corporation
	Fresh water (CMD):	176.94 m3/day
	Recycled water - Flushing (CMD):	95.22 m3/day
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	Ground Floor Pool Volume - 2.86M3 Water Bodies Volume 0.70M3 Residence Building Top Terrace Pool Volume 0.75M3
	Total Water Requirement (CMD) :	272.16 m3/day
	Fire fighting - Underground water tank(CMD):	Commercial 1,50,000 Lit.
	Fire fighting - Overhead water tank(CMD):	Commercial 25,000 Lit., Residential 25,000 Lit (A1, A2 , A3 and each building)
	Excess treated water	136.22 m3/day

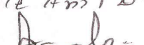
SEAC-AGENDA-0000000094

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

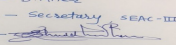
Page 62 of 72

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

Details of Swimming pool (If any)	<p>Pool Size: Swimming pool = 236 cum Baby pool = 50 cum Dimension of Swimming Pool: Swimming pool - 19.90 mtr x 9.90 mtr x 1.20 mtr Baby pool - 11.0 mtr x 5.0 mtr x 0.9 mtr Ground Floor Pool Volume - 2.86M3 Water Bodies Volume 0.70M3 Residence Building Top Terrace Pool Volume 0.75M3 Total water Requirement in KLD: Water requirement in KLD: 4.31M3 Details of Plant & Machinery used for treatment of Swimming pool water - Biological 1) Bacteria - Added by bathers most dangerous from nose, throat and festering sores & wounds 2) Algae - in pool water (spores from atmosphere and in main water supply) Physical and Chemical 1) Dissolved pollution like urine, perspiration, body cosmetics, sun tan lotions 2) Suspended pollution like minute chemical particles produced by chemical reactions in water treatment. 3) Surface pollutions like hair, dust, body grease, excreta from nose & throat floating debris, grass. 4) Insoluble pollutions like fluff, dirt (soil, stones) precipitated chemicals Turn Over Rate (As Per European Standard) Semi Public Pool - 4 To 6 Hours Cycle Turn Semi Public : Turn Over Rate 4 To 6 Hours For A Turn Time Required For 100% Purification 20 To 24 Hours. Filtration Flow Rate= (Pool Volume / Turnover Rate) - 60 Cum / Hours Specific Velocity (Rate Of Filtration) - 30 To 40 Cum / Sq.Mt / Hr. Filter - 2 numbers of 900 mtr diameter vertical filter to achieve a total filtration area. MOC and technical specifications of filter - the material of constructions (moc) of the filter is of fiberglass reinforced with polyester, injection molded thermoplastic resin, stainless steel or mild steel. Surge (Balancing) Tank - (2.50 X 4.00 X 2.00)MTR Equipment Room Size - (5.50 X 4.50 X 3.00) MTR Main Drains - S. S. Grates And Polyester Drains With Velocity 0.50 Mtr / Sec With Anti Vortex Lid. Suction Inlets - floor inlets - 7 no's with nozzle flow rate of 9 cum / hr. Overflow Gutter Drain - 5 No's With Capacity Of 7 Cum / Hr. Over Flow Gratings - Pp Stabilized Ladder - 2 no's stainless steel of 43 mm diameter pipe as required on site Details of quality to be achieved for swimming pool water and parameters to be monitored: after commissioning the pool, water would be analyzed and controlled regularly and it would be corrected automatically and immediately, especially the UV & PH. the water quality should always comply with the local health standards. For maintaining pool water always crystal clear and free from bacteria, debris, organisms, algae and viruses that eventually could damage the water quality and cause health hazard. manufacturers, has offered a complete range of chemical products and their corresponding dosing and dispensing systems, to satisfy all possible needs for correctly treating. Methods Of Disinfection Of Pool Water (Process Used For Sanitization To Maintain Chlorine & PH Value): Ozonation / U.V.</p>
--	--

33.Details of Total water consumed

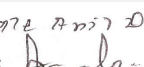

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

S.D.Aher (Secretary SEAC-III)

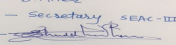
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 63 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

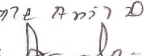

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	7m to 9m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	--
	Quantity of recharge pits:	6 pits
	Size of recharge pits :	2m x 2m x 1.5m
	Budgetary allocation (Capital cost) :	9.00 Lakh
	Budgetary allocation (O & M cost) :	Rs 0.6 Lakh /year
Details of UGT tanks if any :	Commercial : Drinking UG tank capacity: - 48730 lit Domestic UG tank Capacity: - 73095 lit. Flushing UG tank capacity: - 99260 lit Fire UG tank capacity: - 1, 50,000 lit. Drinking OH tank Capacity -32486.67 lit Domestic OH tank Capacity -48730 lit. Flushing OH tank Capacity: - 64973 lit. Fire OH tank capacity - 10,000 lit. Residential : Drinking UG tank capacity: - 15120 lit Domestic UG tank Capacity: - 90600 lit. Flushing UG tank capacity: - 61860 lit Drinking OH tank Capacity -2520 lit Domestic OH tank Capacity -12600 lit. Flushing OH tank Capacity: - 7560 lit. Fire OH tank capacity - 25000 lit.	
35.Storm water drainage	Natural water drainage pattern:	--
	Quantity of storm water:	62,000 m3/Year
	Size of SWD:	600 mm x 600 mm
Sewage and Waste water	Sewage generation in KLD:	Residential -110 m3/day , Commercial- 146 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	Residential -120 m3/day , Commercial- 150 m3/day
	Location & area of the STP:	Ground floor
	Budgetary allocation (Capital cost):	Rs.12.15 Lakh
	Budgetary allocation (O & M cost):	Rs. 4.80 Lakh/Year
36.Solid waste Management		

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 64 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Use for Leveling within the site.
Waste generation in the operation Phase:	Dry waste:	423.54 kg/day
	Wet waste:	635.31 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	1. Residential Building A. 12m3 - Liquid Sludge generation B. 8 kg/per day - Dry Sludge. 2. Commercial Building - A. 15m3 - Liquid Sludge generation B. 12 kg/per day - Dry Sludge.
	Others if any:	--
Mode of Disposal of waste:	Dry waste:	Handover to authorized vender
	Wet waste:	Organic waste convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as Manure after treatment of OWC.
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	1. Residential Building-91m2 2. Commercial Building-127m2
	Area for machinery:	16 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 60.0 Lakh
	O & M cost:	Rs 0.6 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

Name - S.D.Aher Designation - Secretary SEAC-III Sign 	SEAC Meeting No: 66 Meeting Date: June 13, 2018	Page 65 of 72	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
---	--	------------------	--

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

40.Details of Fuel to be used

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

41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	3331.10 m2 i.e. about 12.25 % of net plot area(27195.00 m2)
	No of trees to be cut :	NA
	Number of trees to be planted :	471 nos.
	List of proposed native trees :	471 Nos.
	Timeline for completion of plantation :	2 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	Mimusops elengi	Bakul	23	Medium size evergreen tree. Beautiful white Flowers.
2	Nyctanthes arbor-tristis	Parijatak	11	small deciduous tree. Flowers white with orange petal tube.
3	Cassia Fistula	Bahawa	26	small deciduous tree. Flowers Yellow
4	Putranjiva roxburghii	Putranjiva	15	Small size evergreen tree. Beautiful greenish yellow flower.
5	Lagerstromia speciosa	Tamhan	24	Small to medium sized. Flowers with white to purple petals.
6	Michelia champaca	Sonchafa	10	Large evergreen tree. Flowers yellow.
7	Saraca Ashoka	Seeta Ashok	15	Small size evergreen tree. Flowers reddish orange.
8	citrus sp	Lemon	24	Beautiful host plant.
9	Murraya koengii	Curry leaf/kadipatta	24	Beautiful host plant.
10	Anthocephallus cadmba	Kadamb	5	Large evergreen tree. Flowers Creamish white.
11	murraya paniculata	Kunti	77	small tree, Fragrant white flowers.
12	Bauhinia racemosa	Pivla Kanchan	29	small size deciduous tree. Flowers tree.
13	Tecoma Stans	Tecoma	14	--

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 66 Meeting Date: June 13, 2018</p>	<p>Page 66 of 72</p>	<p>Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)</p>
--	---	--------------------------	---

14	Alstonia Scholaris	Satvin	10	Shady, large, fast growing, evergreen tree, ball shaped flowers.
15	Plumeria Alba	Chapha Alba	31	--
16	Plumeria Rubra	Chapha Rubra	16	--
17	Plumeria Alba Dwarf	Chapha alba dwarf	5	--
18	Gmelina Arborea	Shivan	13	Fast growing tree with beautiful yellow flower.
19	Ficusretusa	Nandruk	9	Medium size, shady, evergreen tree.
20	Woodyetia bifurcata	Foxtail palm	6	Large palm, steam single, with shallow, close rings of leaf base.
21	Elaeis gumeensis	oil palm	17	--
22	Dypsis Lutescens	Areca Palm	44	--
23	Caryot aurens	Fishtail Palm	11	Tall evergreen tree.
24	Roystonea regia	Date Palm	6	Large palm, steam single, bulging into a bottle shape.
25	phoenix roebelenii	Dwarf Date Palm	6	small palm, steam single, bulging into a bottle shape.
45.Total quantity of plants on ground				

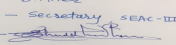
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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)	80kw
	DG set as Power back-up during construction phase	100 KVA - 1 No.
	During Operation phase (Connected load):	5776.61 KVA
	During Operation phase (Demand load):	3554.78 KVA
	Transformer:	2 Nos. of Transformers 630KVA x 4Nos. 315KVA x 2Nos.
	DG set as Power back-up during operation phase:	100 KVA - 1 No. & 160 KVA - 1 No.
	Fuel used:	FUEL consumption=21.9 ltrs/hr
	Details of high tension line passing through the plot if any:	No

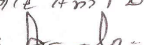
48.Energy saving by non-conventional method:

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 67 of 72

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

- Energy Saving measures - Sheet Enclosed.
 - Details Calculation & % of saving - Sheet Enclosed.
 - Compliance of the ECBC guideline (YES/NO) (If yes then submit compliance in tabular - Yes & Sheet Enclosed.
 - Budgetary Allocation (Capital Cost & O & M Cost)
- Total Capital Cost : Rs. 25.53 Lakh
Total O & M Cost : Rs.2.553 Lakh / Year

1) Non - Conventional Energy (Solar Water Heating System)

Capital Cost - 7.70 Lakh

O & M Cost Per Annum = Rs. 0.77 Lakh

O & M Cost Per Month = Rs. 0.064 Lakh

2) Non - Conventional Energy (Solar Street Light)

Capital Cost - 17.83 Lakh

O & M Cost Per Annum = Rs. 1.783 Lakh

O & M Cost Per Month = Rs. 0.148 Lakh

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of LED lamps for common area (Club House, Landscape.). • Stair-case, Lift lobby, Passage, Parking Area Lightings etc. • Use of Solar Panels for Hot Water. (Solar Panel will not be used for minimum 15 Days during rainy season. Conventional Electric gyser will be used during this period.) • Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy. • Use of LED lamps for common area (Club House, L	Energy Saving Achieved - 257594.37 KWH / Year. • Overall Energy Saving is - 20.45 %.

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. 25.53 Lakh
	O & M cost:	Rs.2.553 Lakh / Year

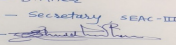
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Erosion control - dust suppression measures and barricading	Rs. 0.8 Lakh
2	Land	Site Sanitation	Rs. 0.25 Lakh
3	Land	Site Safety	Rs.0.7 Lakh
4	Air, water, soil and Bio	Environmental Monitoring	Rs. 0.9 Lakh
5	Socio-economic	Disinfection and Health Check-ups	Rs.0.25 Lakh

b) Operation Phase (with Break-up):

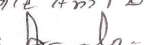
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	Rs. 60 Lakh	Rs 0.6 Lakh / Year

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 68 of 72

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

2	Solid Waste Management	1 unit 1058.85 kg/day	Rs.60 Lakh	Rs.0.6 Lakh/Year
3	Recharge pits	6	Rs. 9 Lakh	Rs 0.6 Lakh / Year
4	Landscaping	471 trees	Rs.6.0 Lakh	Rs.1.0 Lakh / Year
5	Landscaping	471 trees	Rs.6.0 Lakh	Rs.1.0 Lakh / Year
6	Solar System	Use of Solar Panels for Hot Water. (Solar Panel will not be used for minimum 15 Days during rainy season. Conventional Electric gyser will be used during this period.)	Rs. 9.0 Lakh	Rs 0.9Lakh/Year

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

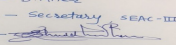
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

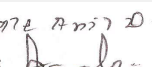

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	Phase - 1 (Saffron Tranquil Landscapes) - Club House - D3, Phase - 2 (Saffron Landscapes) - Club House - D1, Club House - D2, Phase -3 (Saffron Landmarks) - Commercial
	Number and area of podia:	--
	Total Parking area:	13653.87 m2
	Area per car:	12.5 m2
	Area per car:	12.5 m2
	Number of 2-Wheelers as approved by competent authority:	1632
	Number of 4-Wheelers as approved by competent authority:	522
	Public Transport:	NA
Width of all Internal roads (m):	6.0 m	

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 69 of 72

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

	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	Category B
	Court cases pending if any	NA
	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.

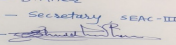
Brief information of the project by SEAC

Environment Clearance for Phase 1 - SAFFRON TRANQUILLANDSCAPES, Phase 2 - SAFFRON LANDSCAPES, Phase 3 - SAFFRONLANDMARKS at Gut No. 57/P, Beed Bypass, Satara, Aurangabad by **M/s Saffron Associates.**

PP submitted their application for Prior Environmental clearance for total plot area of 34800Sq. Mtrs, BUA of 74501.24Sq. Mtrs and FSI area of 49631.40Sq. Mtrs.

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

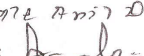
DECISION OF SEAC

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 70
of 72**

Name: K. Anil Kale
Signature: 

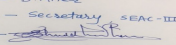
Shri. Anil Kale (Chairman SEAC-III)

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:

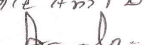
- 1) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 2) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 3) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA 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.

FINAL RECOMMENDATION

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

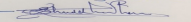
SEAC Meeting No: 66 Meeting Date: June 13, 2018

Page 71 of 72

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

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.

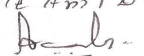
SEAC-AGENDA-00000000094

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 66 Meeting Date: June 13, 2018

**Page 72
of 72**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)